

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044016.D
 Acq On : 13 Jan 2020 17:42
 Operator : JU
 Sample : PB126031BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 14 10:14:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	122840	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	510945	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	332121	20.00	ng	-0.02
64) Phenanthrene-d10	17.33	188	692605	20.00	ng	0.00
76) Chrysene-d12	21.57	240	605201	20.00	ng	-0.02
87) Perylene-d12	24.69	264	564203	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	800906	119.71	ng	0.00
7) Phenol-d6	7.12	99	1031952	110.35	ng	0.00
23) Nitrobenzene-d5	9.10	82	637666	66.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	385508	110.92	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1378920	75.22	ng	-0.02
79) Terphenyl-d14	19.94	244	1952738	75.44	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	107402	36.819	ng	98
3) Pyridine	3.81	79	263596	30.589	ng	96
4) n-Nitrosodimethylamine	3.73	42	134461	35.046	ng	92
6) Aniline	7.27	93	341413	27.795	ng	96
8) 2-Chlorophenol	7.51	128	327401	41.685	ng	99
9) Benzaldehyde	7.08	77	133121	22.241	ng	99
10) Phenol	7.14	94	398605	41.370	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	306822	36.891	ng	98
12) 1,3-Dichlorobenzene	7.84	146	346310	37.679	ng	100
13) 1,4-Dichlorobenzene	7.98	146	351037	38.709	ng	99
14) 1,2-Dichlorobenzene	8.30	146	328991	37.796	ng	99
15) Benzyl Alcohol	8.18	79	273418	37.046	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	415194	32.267	ng	97
17) 2-Methylphenol	8.40	107	282673	40.541	ng	97
18) Hexachloroethane	9.04	117	129291	36.640	ng	94
19) n-Nitroso-di-n-propylamine	8.75	70	237466	34.097	ng	97
20) 3+4-Methylphenols	8.72	107	379178	38.982	ng	97
22) Acetophenone	8.77	105	449387	35.378	ng	# 98
24) Nitrobenzene	9.15	77	338808	35.816	ng	97
25) Isophorone	9.67	82	644645	35.976	ng	99
26) 2-Nitrophenol	9.86	139	184205	41.158	ng	98
27) 2,4-Dimethylphenol	9.92	122	307837	45.694	ng	99
28) bis(2-Chloroethoxy)methane	10.15	93	408130	34.164	ng	99
29) 2,4-Dichlorophenol	10.40	162	319763	39.791	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	325767	36.155	ng	98
31) Naphthalene	10.80	128	941382	38.074	ng	99
32) Benzoic acid	10.06	122	164700	32.366	ng	97
33) 4-Chloroaniline	10.90	127	229452	19.456	ng	98
34) Hexachlorobutadiene	11.10	225	189825	34.505	ng	98
35) Caprolactam	11.67	113	71461	23.888	ng	96
36) 4-Chloro-3-methylphenol	12.03	107	331134	38.707	ng	98
37) 2-Methylnaphthalene	12.41	142	695365	37.355	ng	98
38) 1-Methylnaphthalene	12.63	142	663508	37.609	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	336080	34.525	ng	99

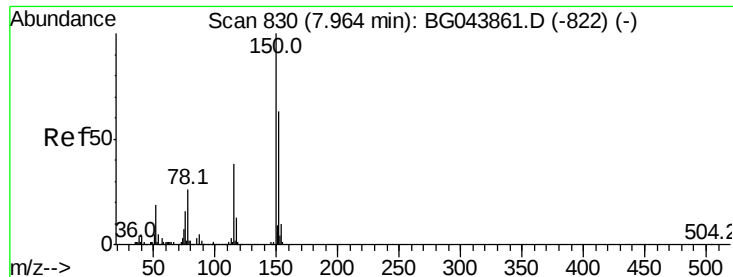
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044016.D
 Acq On : 13 Jan 2020 17:42
 Operator : JU
 Sample : PB126031BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 14 10:14:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	354277	70.199	nq	100
43) 2,4,6-Trichlorophenol	13.01	196	250882	37.456	nq	99
44) 2,4,5-Trichlorophenol	13.09	196	272346	39.423	nq	98
46) 1,1'-Biphenyl	13.41	154	869233	36.503	nq	99
47) 2-Chloronaphthalene	13.45	162	680690	35.375	nq	99
48) 2-Nitroaniline	13.65	65	206500	33.362	nq	93
49) Acenaphthylene	14.30	152	1066297	38.555	nq	98
50) Dimethylphthalate	14.04	163	863802	36.630	nq	99
51) 2,6-Dinitrotoluene	14.15	165	198672	37.274	nq	95
52) Acenaphthene	14.65	154	674123	34.757	nq	99
53) 3-Nitroaniline	14.48	138	149654	24.725	nq	99
54) 2,4-Dinitrophenol	14.68	184	229649	84.259	nq	95
55) Dibenzofuran	14.98	168	1027594	38.487	nq	97
56) 4-Nitrophenol	14.79	139	378203	81.540	nq	94
57) 2,4-Dinitrotoluene	14.93	165	277411	38.250	nq	98
58) Fluorene	15.63	166	803922	37.989	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	235113	39.579	nq	96
60) Diethylphthalate	15.40	149	873853	37.049	nq	98
61) 4-Chlorophenyl-phenylether	15.62	204	420208	36.568	nq	96
62) 4-Nitroaniline	15.64	138	200771	33.590	nq	94
63) Azobenzene	15.92	77	795644	36.374	nq	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	165208	46.452	nq	93
66) n-Nitrosodiphenylamine	15.83	169	747118	36.630	nq	99
67) 4-Bromophenyl-phenylether	16.52	248	272263	34.952	nq	96
68) Hexachlorobenzene	16.64	284	292597	34.859	nq	96
69) Atrazine	16.79	200	285038	42.993	nq	98
70) Pentachlorophenol	16.98	266	351845	76.042	nq	98
71) Phenanthrene	17.37	178	1264565	38.065	nq	98
72) Anthracene	17.46	178	1287613	39.219	nq	98
73) Carbazole	17.72	167	1188870	39.201	nq	97
74) Di-n-butylphthalate	18.29	149	1450432	37.459	nq	98
75) Fluoranthene	19.37	202	1458043	38.377	nq	99
77) Benzidine	19.55	184	412264	27.101	nq	98
78) Pyrene	19.73	202	1475601	37.353	nq	98
80) Butylbenzylphthalate	20.63	149	683300	36.331	nq	94
81) Benzo(a)anthracene	21.55	228	1422158	37.897	nq	98
82) 3,3'-Dichlorobenzidine	21.47	252	434210	29.287	nq	100
83) Chrysene	21.62	228	1373134	38.509	nq	96
84) Bis(2-ethylhexyl)phthalate	21.48	149	966824	37.256	nq	99
85) Di-n-octyl phthalate	22.65	149	1672312	38.332	nq	97
86) Indeno(1,2,3-cd)pyrene	28.23	276	1741722	35.942	nq	# 92
88) Benzo(b)fluoranthene	23.70	252	1491785	44.725	nq	99
89) Benzo(k)fluoranthene	23.77	252	1458530	45.985	nq	98
90) Benzo(a)pyrene	24.55	252	1362202	43.271	nq	98
91) Dibenzo(a,h)anthracene	28.29	278	1440324	45.557	nq	97
92) Benzo(g,h,i)perylene	29.35	276	1463229	46.593	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

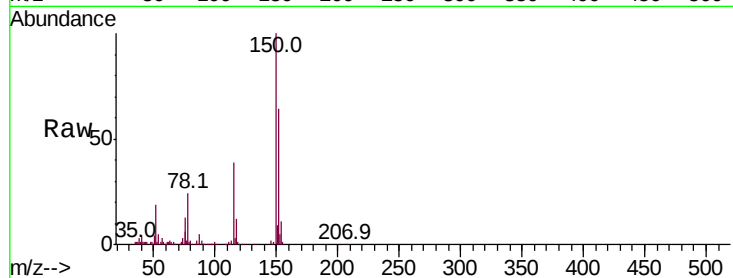


#1

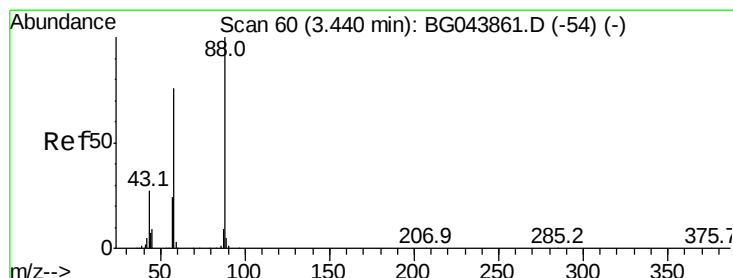
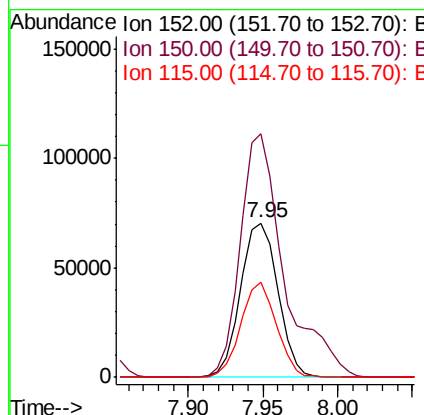
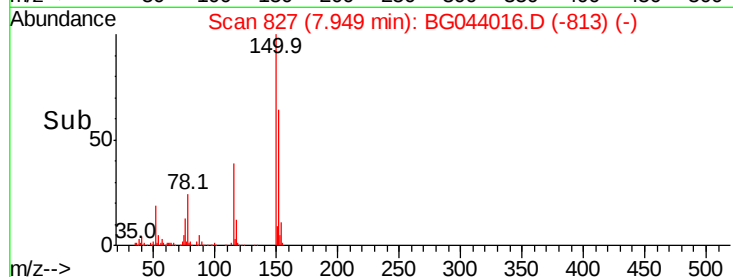
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.0	190.4
115	61.1	47.8	71.8



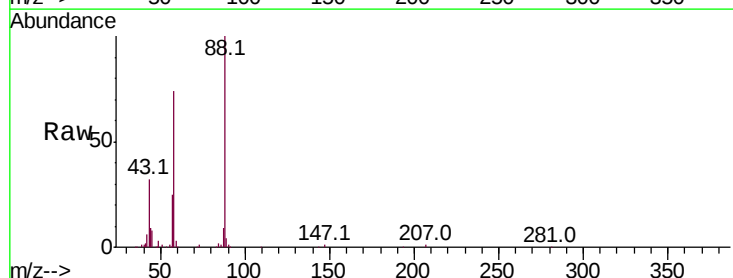
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



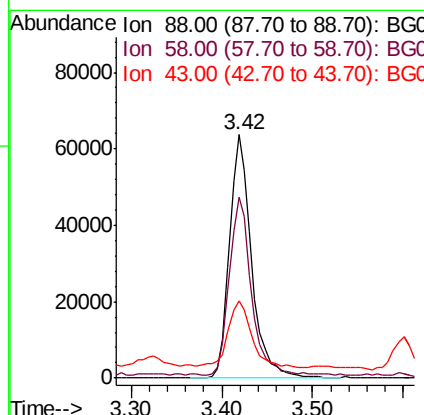
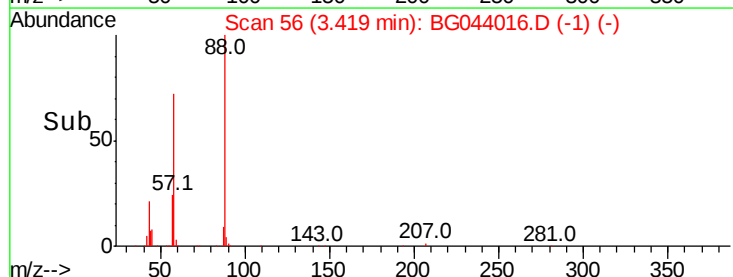
#2

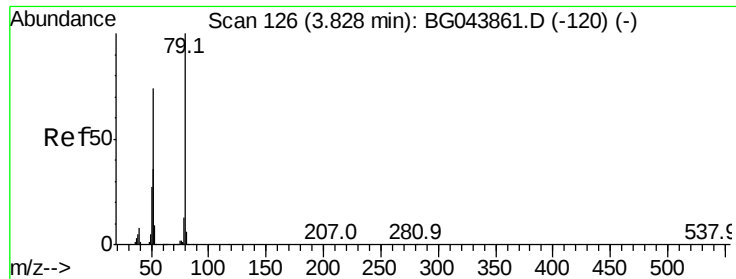
1,4-Dioxane
Concen: 36.819 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	59.8	89.8
43	29.7	22.9	34.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.589 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

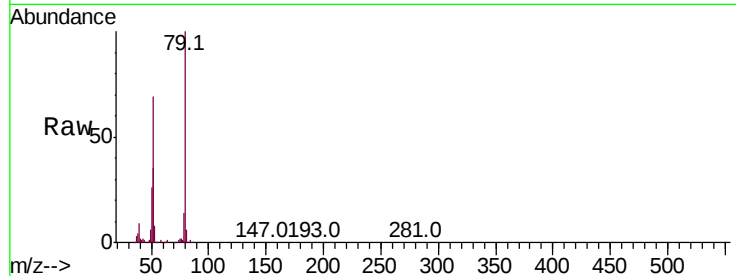
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 263596

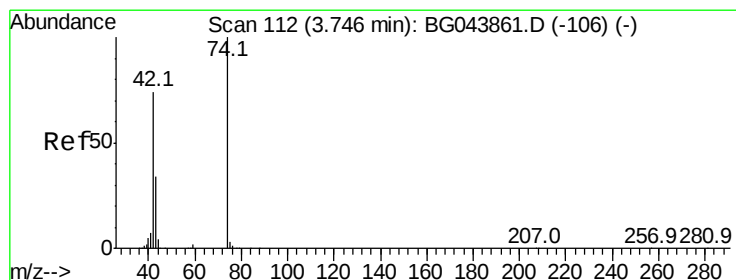
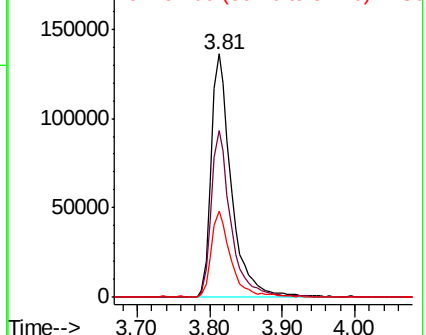
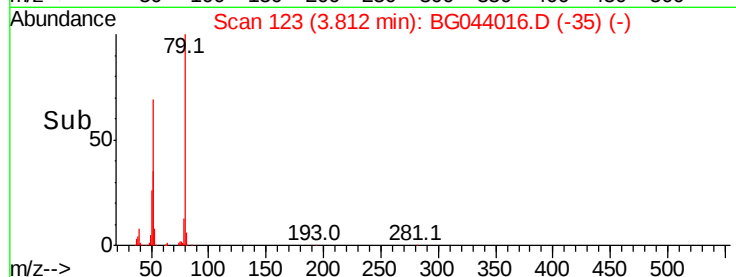
Ion	Ratio	Lower	Upper
79	100		
52	68.6	58.9	88.3
51	35.4	28.6	43.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.046 ng

RT: 3.73 min Scan# 109

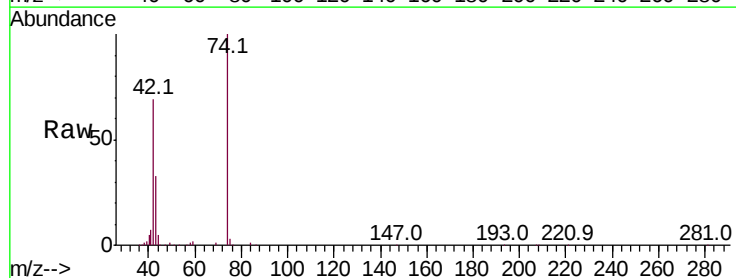
Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Tgt Ion: 42 Resp: 134461

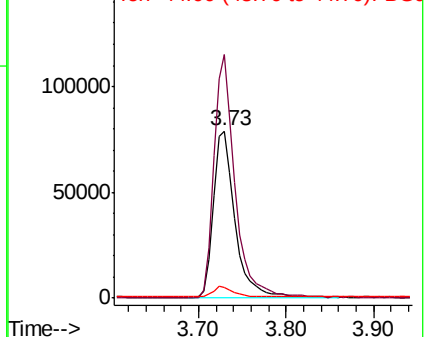
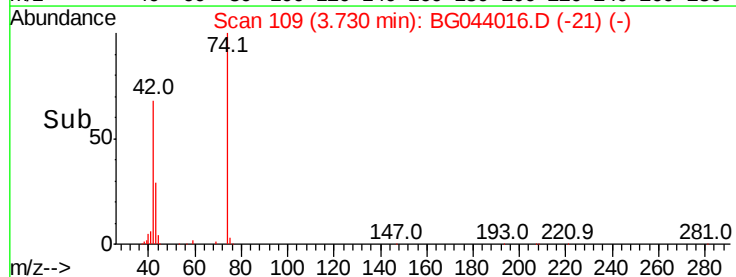
Ion	Ratio	Lower	Upper
42	100		
74	145.9	108.6	162.8
44	6.6	5.0	7.6

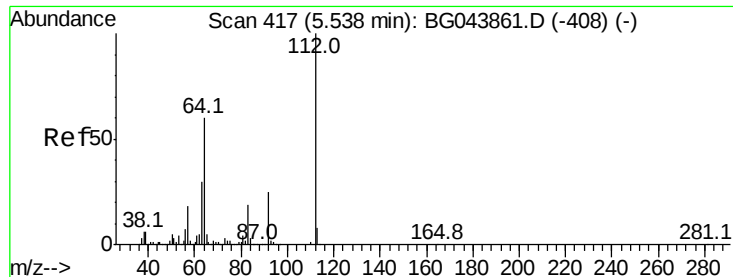


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 119.713 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

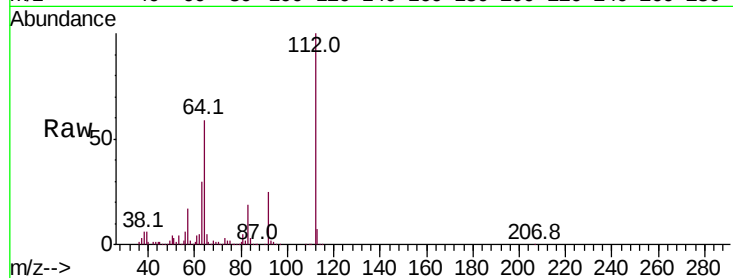
Tot Ion:112 Resp: 800906

Ion Ratio Lower Upper

112 100

64 58.5 47.8 71.6

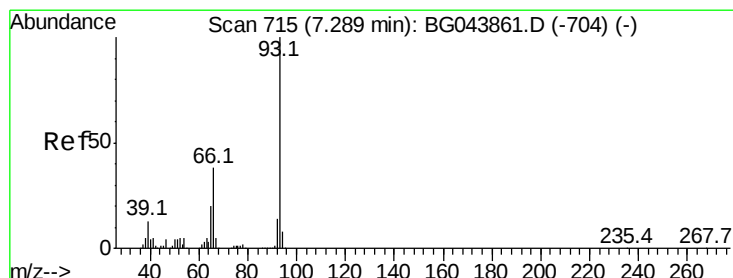
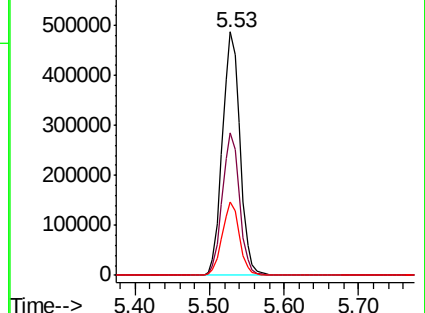
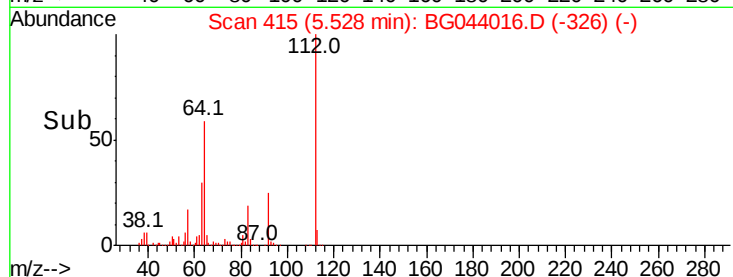
63 29.9 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.795 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

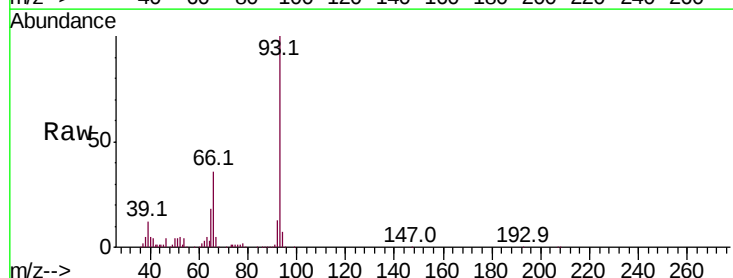
Tgt Ion: 93 Resp: 341413

Ion Ratio Lower Upper

93 100

66 36.1 30.8 46.2

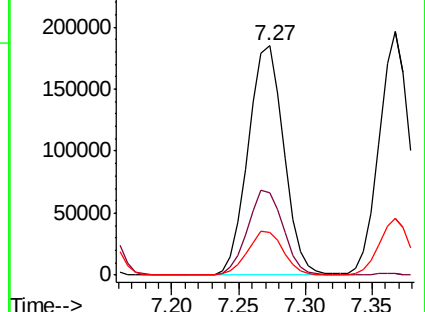
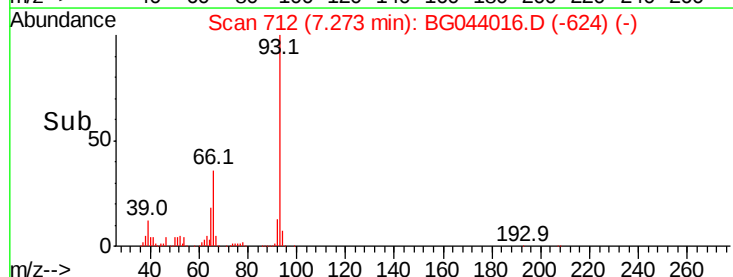
65 18.4 16.0 24.0

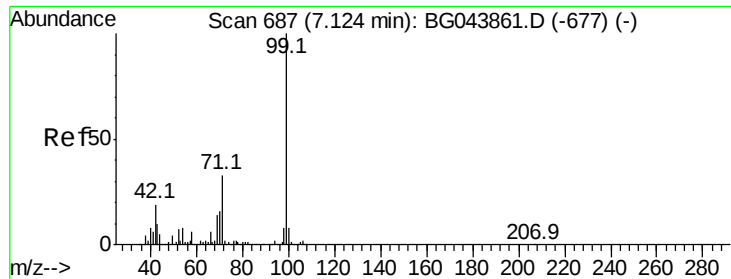


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.349 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

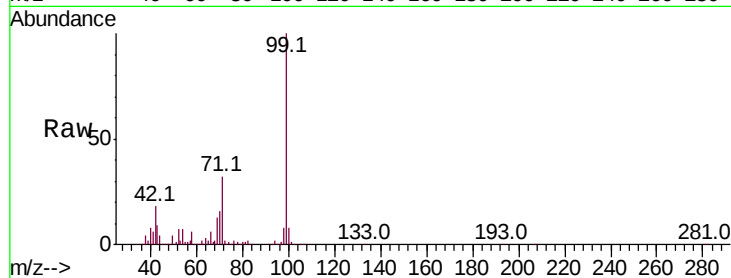
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1031952

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.9	22.3
71	32.0	26.4	39.6

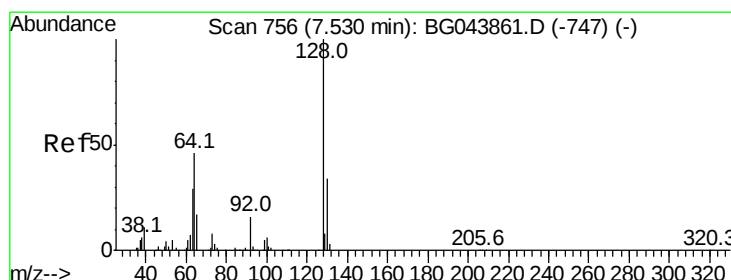
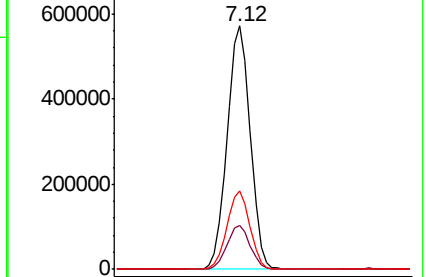
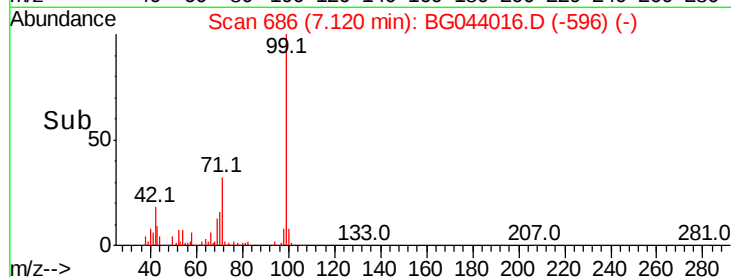


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.685 ng

RT: 7.51 min Scan# 753

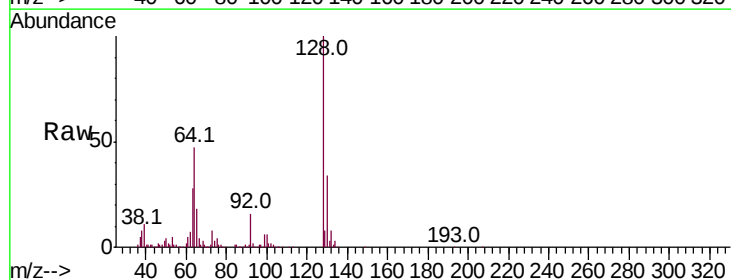
Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Tgt Ion: 128 Resp: 327401

Ion	Ratio	Lower	Upper
128	100		
130	34.0	13.8	53.8
64	46.9	27.6	67.6

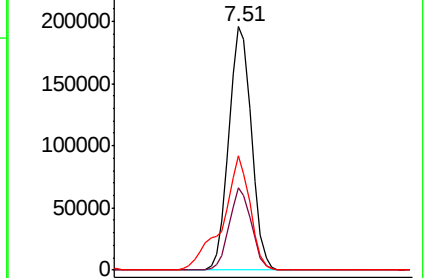
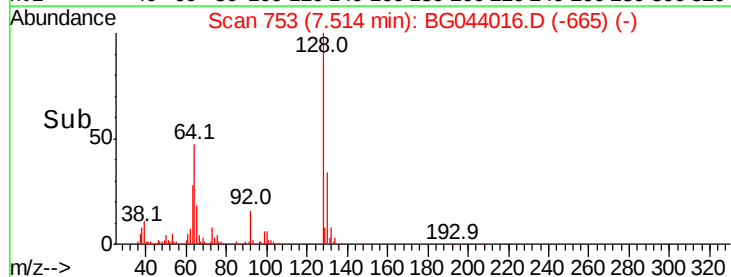


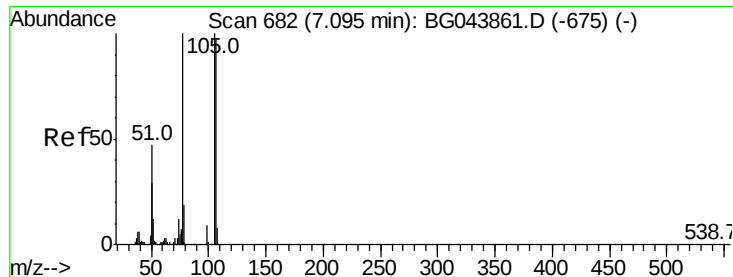
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 22.241 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

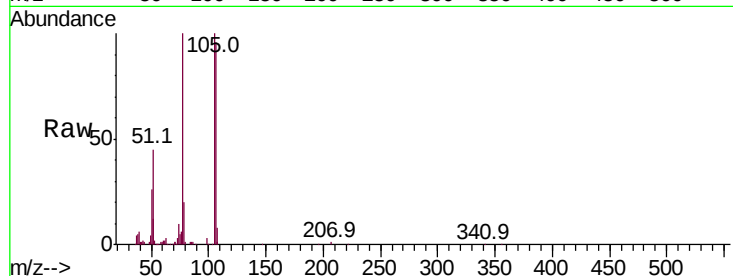
Tot Ion: 77 Resp: 133121

Ion Ratio Lower Upper

77 100

105 99.7 80.2 120.2

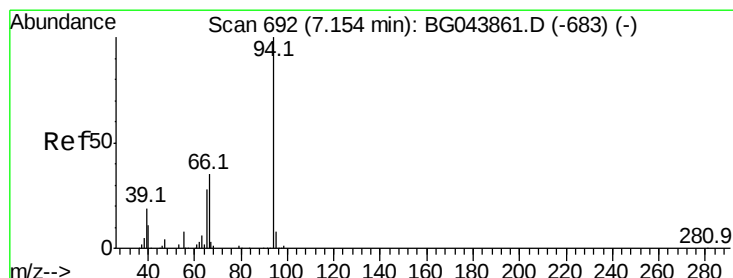
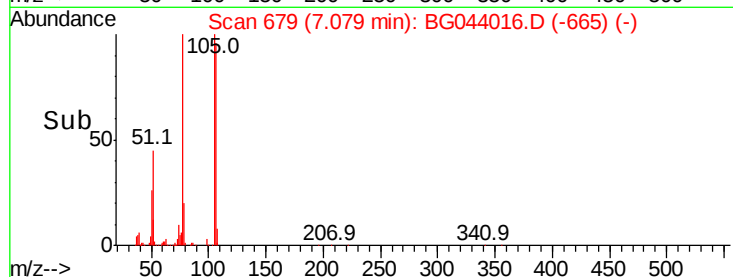
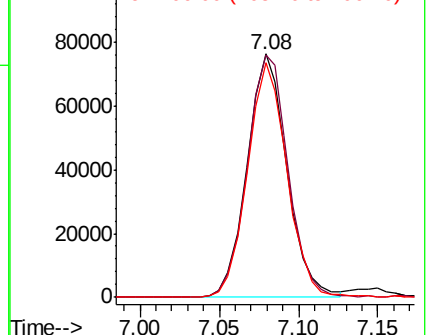
106 96.3 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.370 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

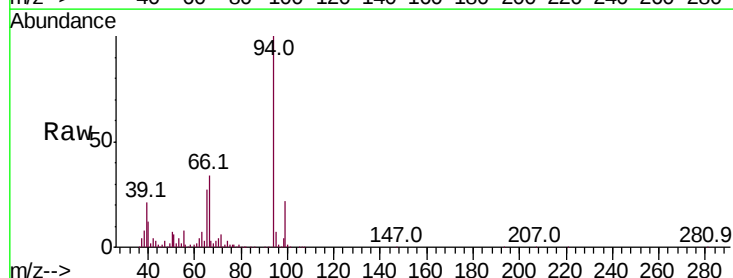
Tgt Ion: 94 Resp: 398605

Ion Ratio Lower Upper

94 100

65 27.4 8.1 48.1

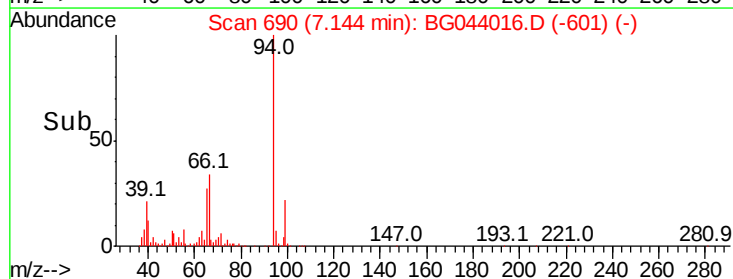
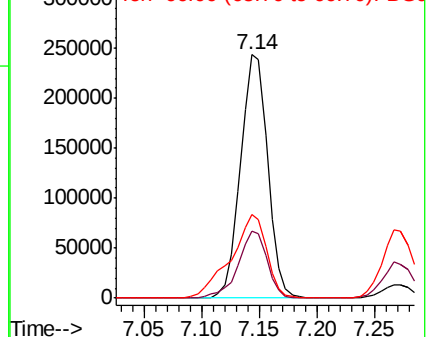
66 34.5 15.6 55.6

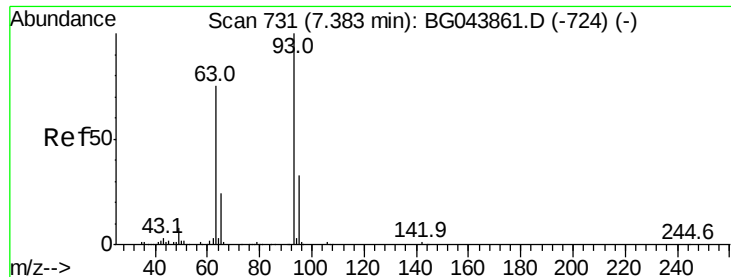


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

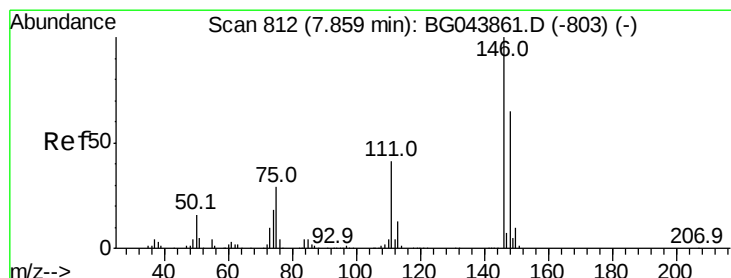
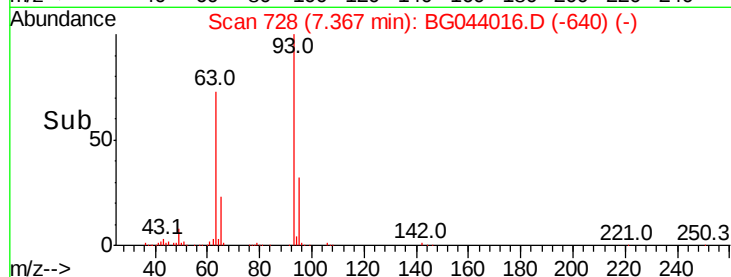
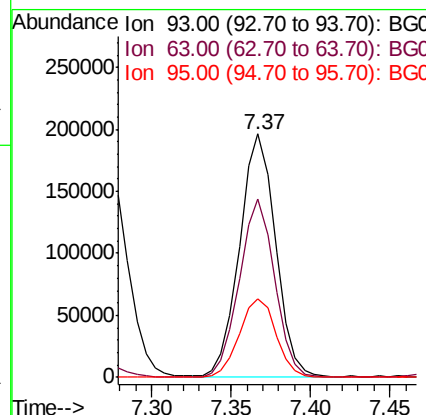
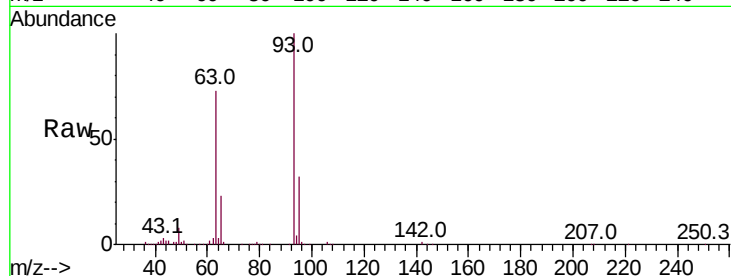




#11
bis(2-Chloroethyl)ether
Concen: 36.891 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

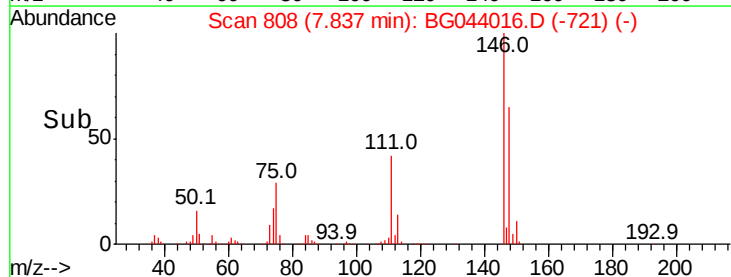
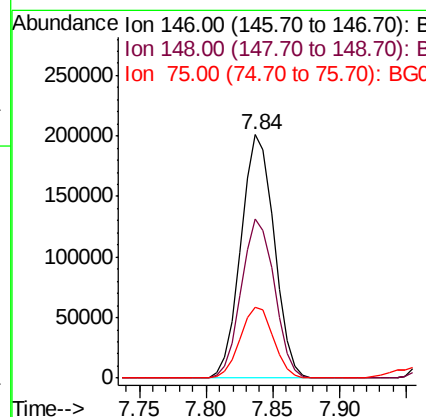
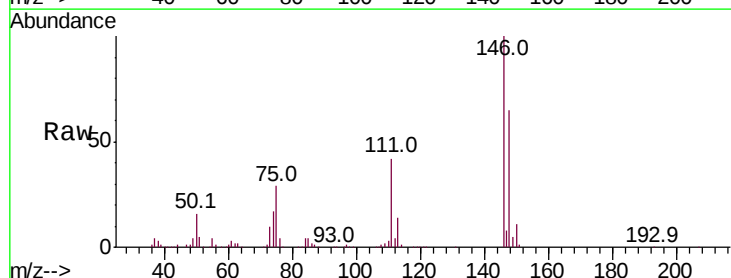
Instrument :
BNA_G
ClientSampleId :

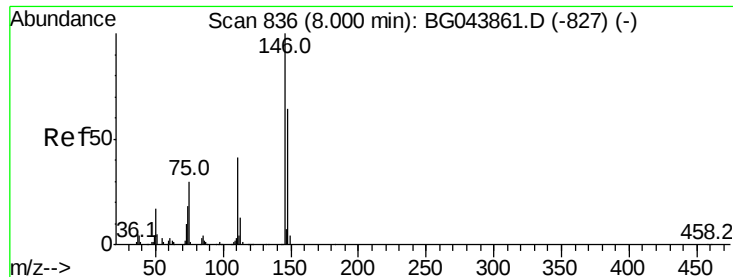
Tot Ion: 93 Resp: 306822
Ion Ratio Lower Upper
93 100
63 73.2 55.0 95.0
95 32.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 37.679 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Tgt Ion: 146 Resp: 346310
Ion Ratio Lower Upper
146 100
148 65.1 52.1 78.1
75 29.3 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 38.709 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

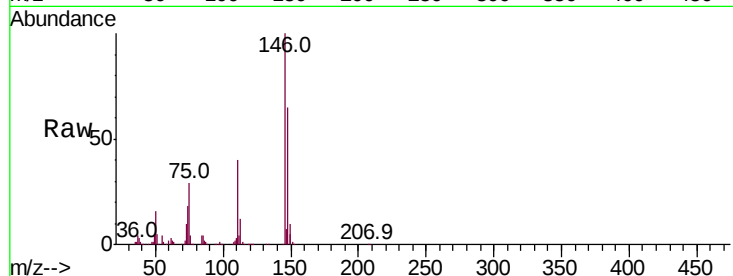
Tot Ion:146 Resp: 351037

Ion Ratio Lower Upper

146 100

148 64.6 51.2 76.8

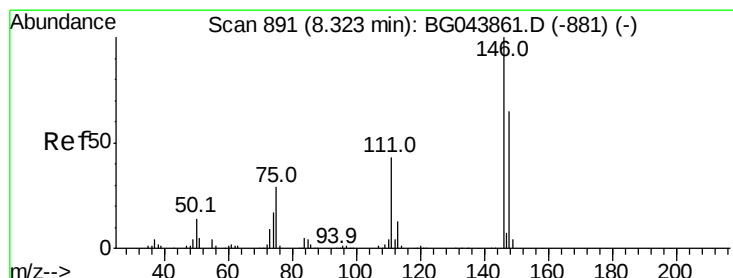
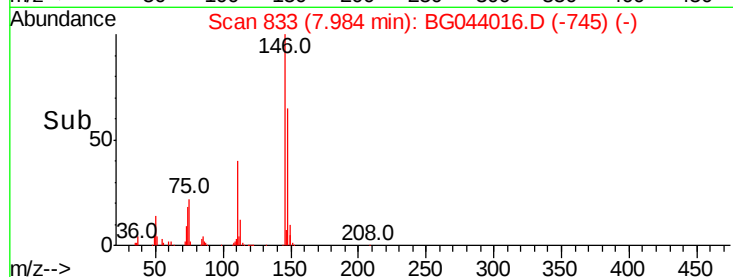
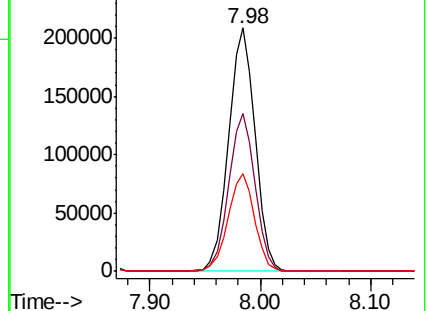
111 39.9 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.796 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

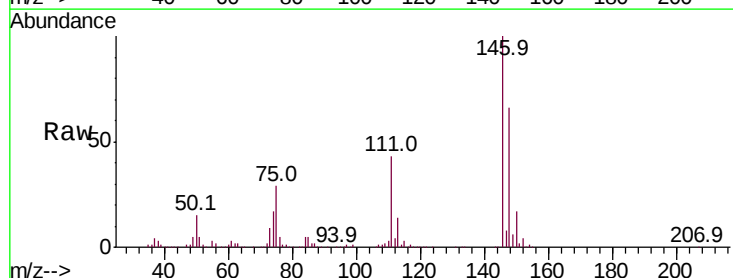
Tgt Ion:146 Resp: 328991

Ion Ratio Lower Upper

146 100

148 66.2 51.7 77.5

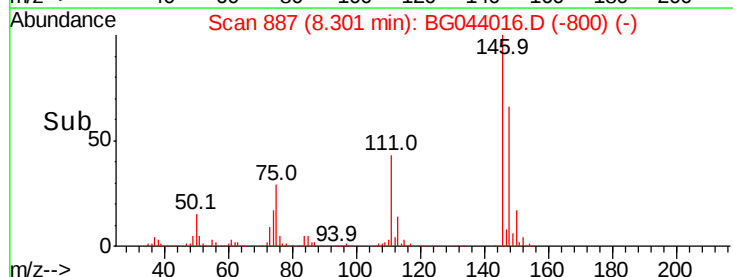
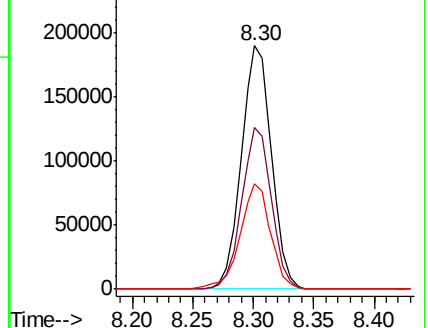
111 43.0 34.4 51.6

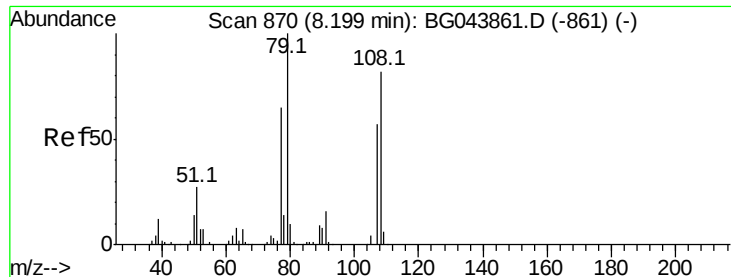


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.046 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

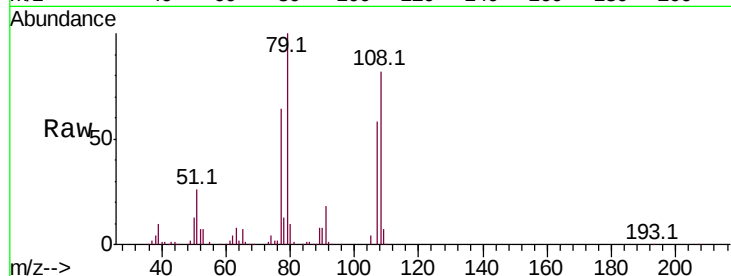
Tot Ion: 79 Resp: 273418

Ion Ratio Lower Upper

79 100

108 81.8 65.6 98.4

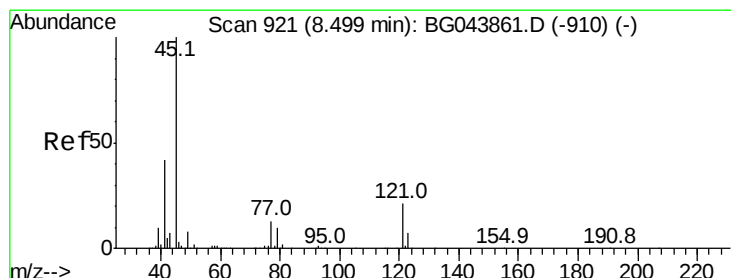
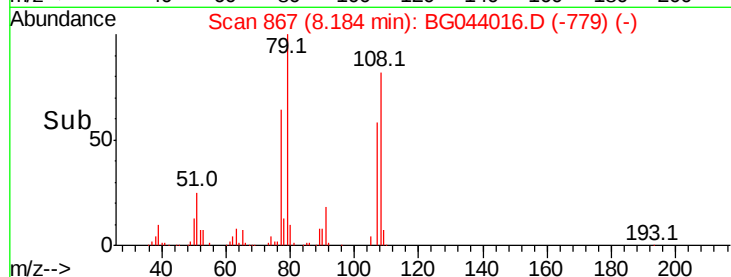
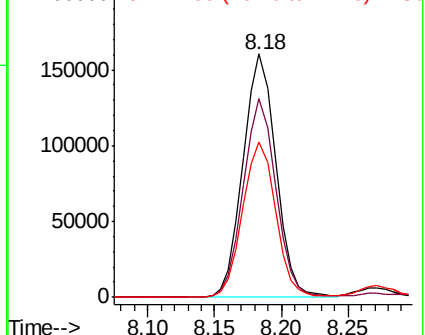
77 63.9 52.0 78.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.267 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

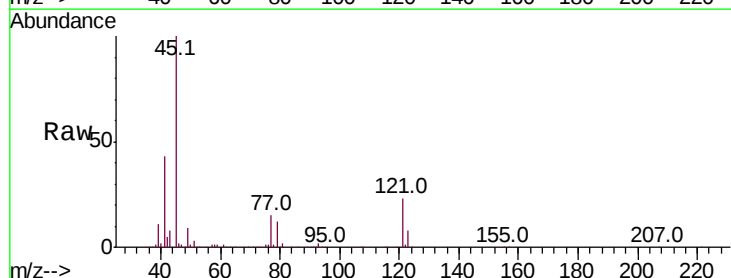
Tgt Ion: 45 Resp: 415194

Ion Ratio Lower Upper

45 100

77 15.0 0.0 33.8

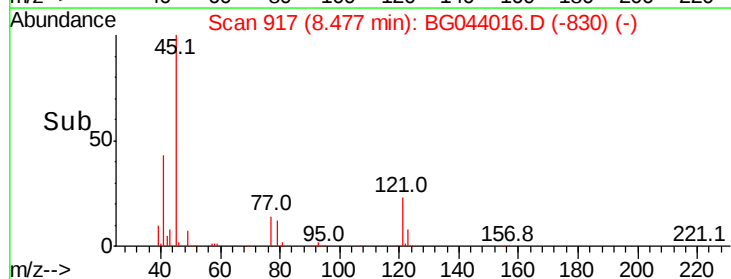
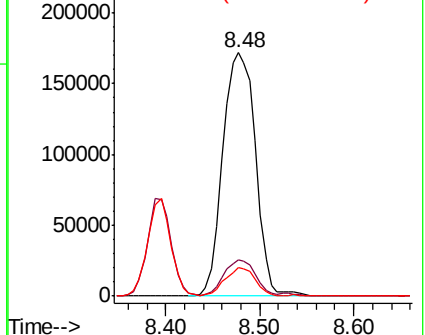
79 12.0 0.0 31.0

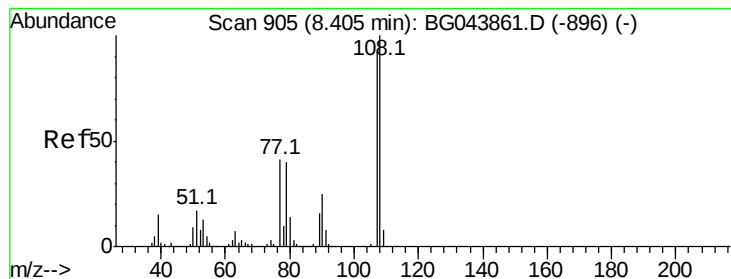


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

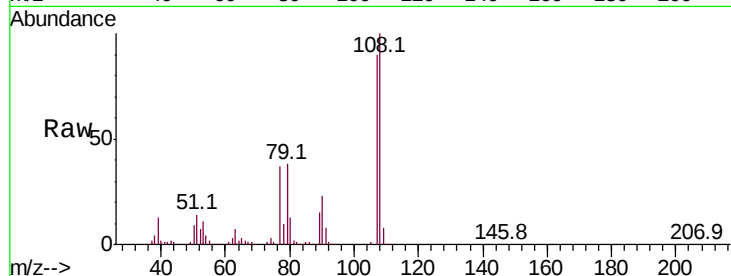




#17
2-Methylphenol
Concen: 40.541 ng
RT: 8.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	86.1	129.1
77	41.3	35.4	53.0
79	41.9	34.8	52.2



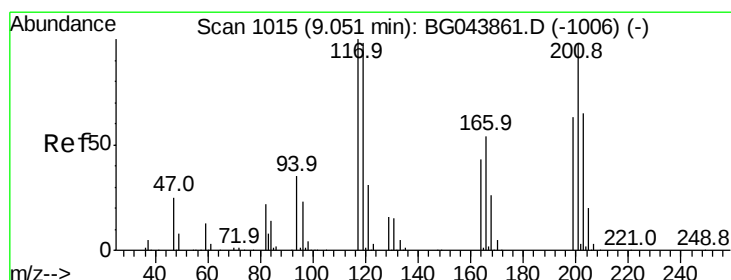
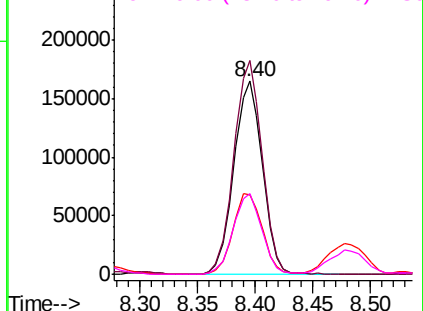
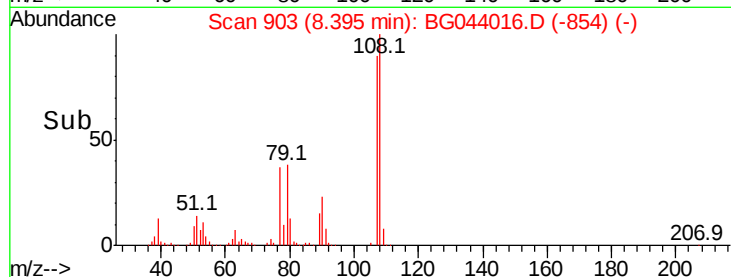
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

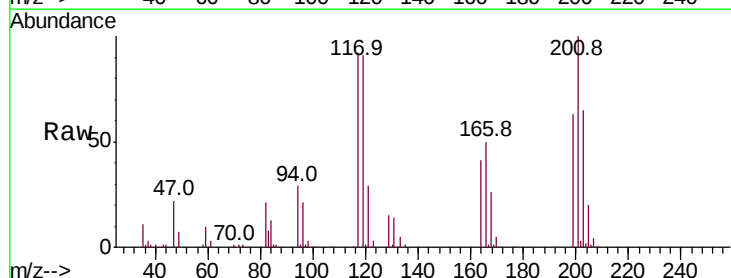
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.640 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	78.1	117.1
201	108.6	78.6	117.8

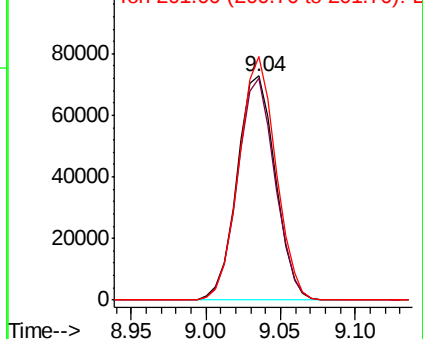
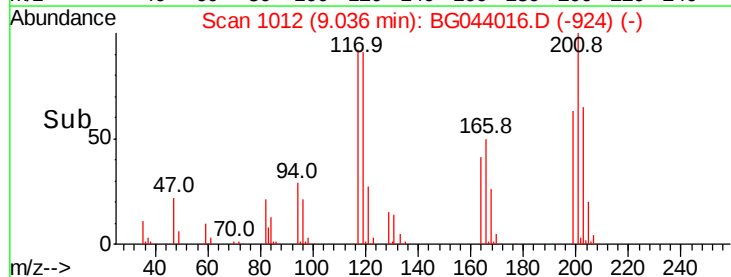


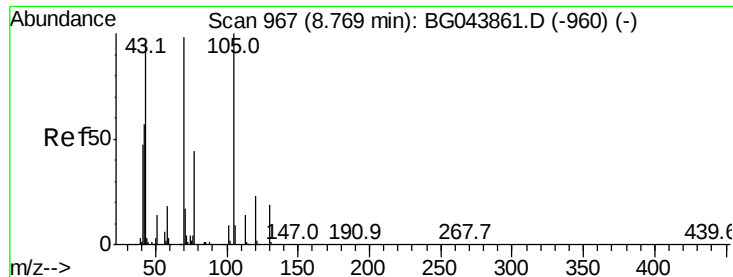
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

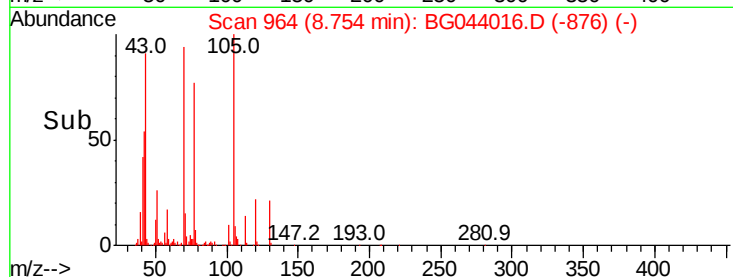
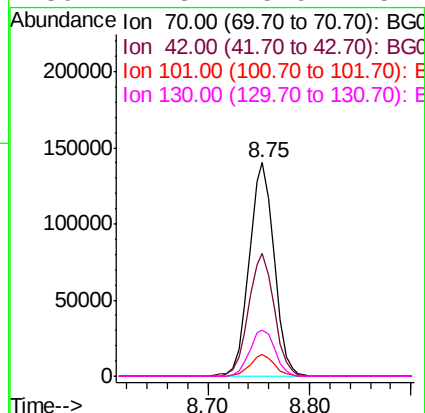
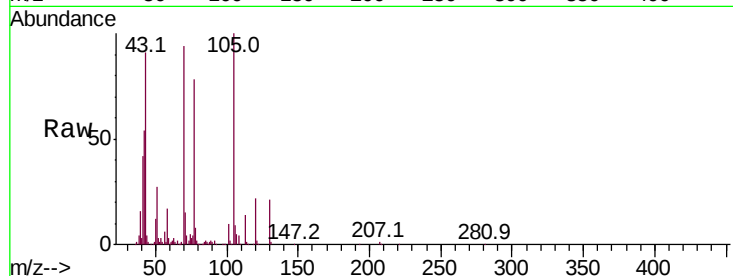




#19
n-Nitroso-di-n-propylamine
Concen: 34.097 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

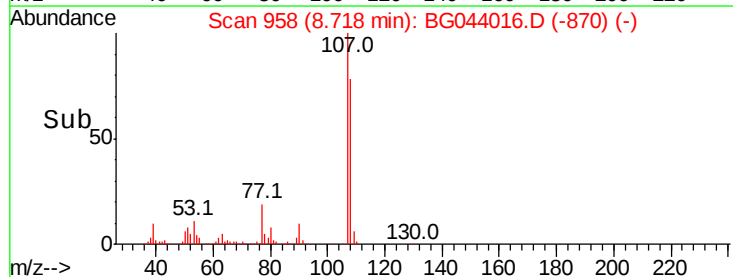
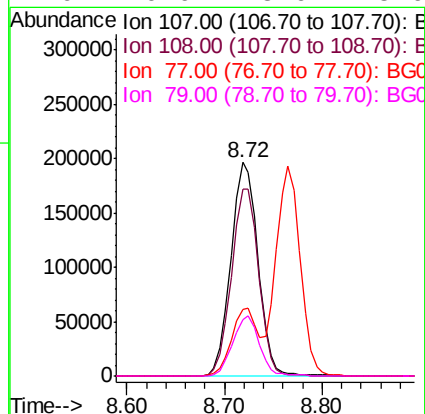
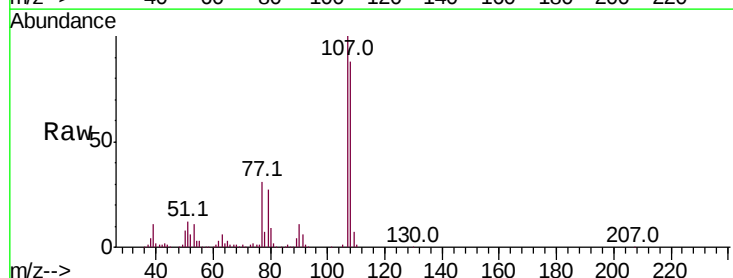
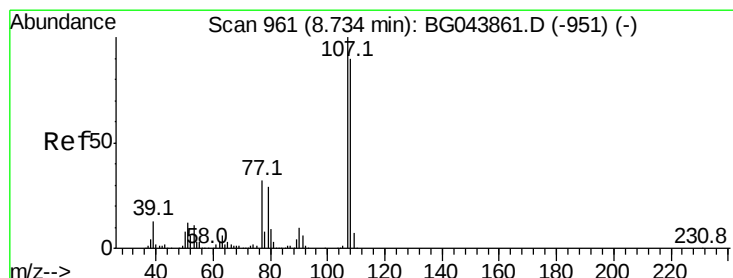
Instrument :
BNA_G
ClientSampleId :

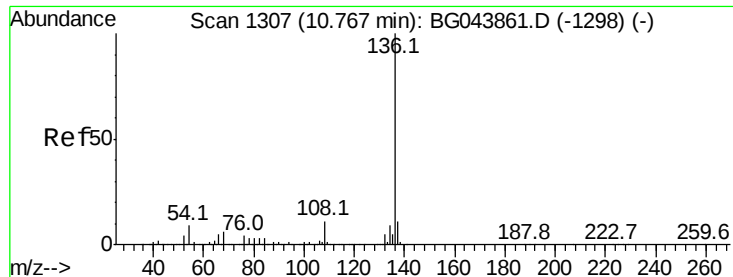
Tot Ion:	70	Resp:	237466
Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.0	70.4
101	10.1	7.2	10.8
130	21.8	15.6	23.4



#20
3+4-Methylphenols
Concen: 38.982 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Tgt Ion:	107	Resp:	379178
Ion	Ratio	Lower	Upper
107	100		
108	87.8	70.3	110.3
77	30.9	12.4	52.4
79	26.6	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG044016.D

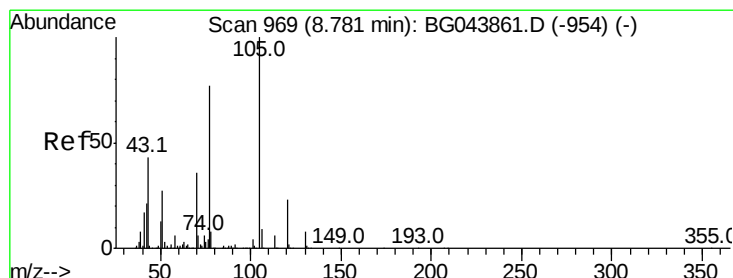
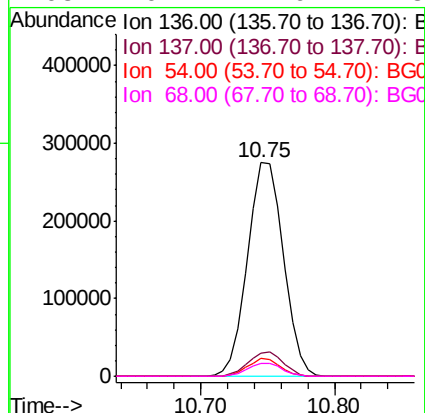
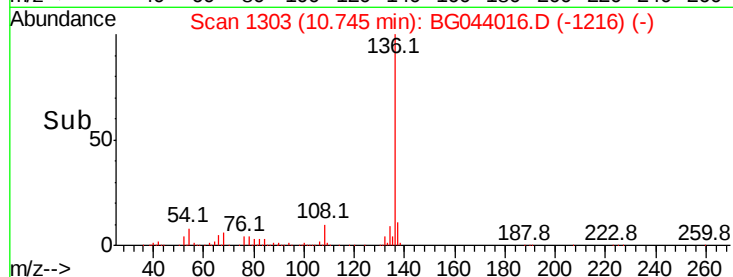
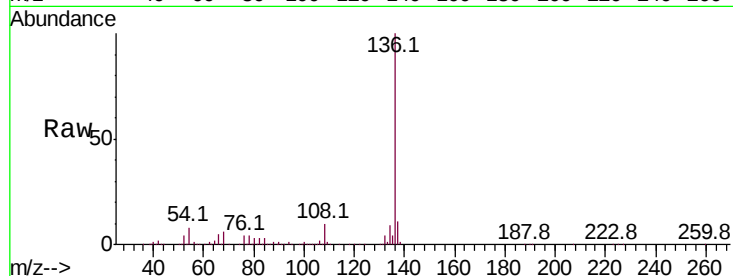
Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	510945
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	8.3	7.0 10.4
68	6.1	4.9 7.3



#22

Acetophenone

Concen: 35.378 ng

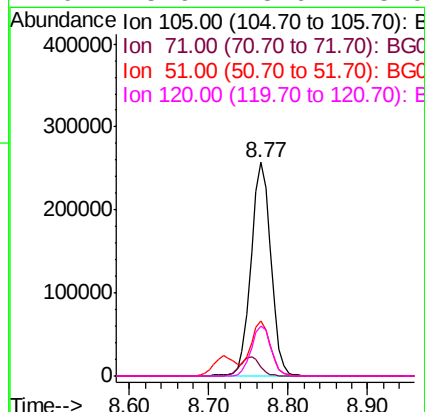
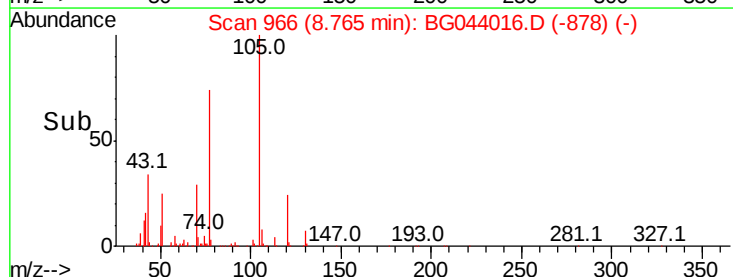
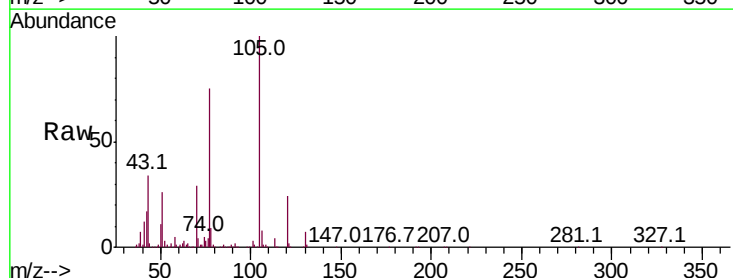
RT: 8.77 min Scan# 966

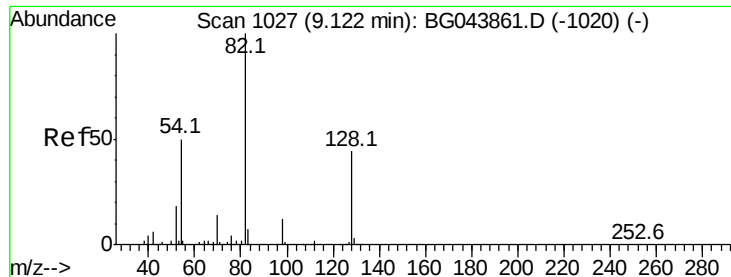
Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Tgt Ion:105	Resp:	449387
Ion Ratio	Lower	Upper
105	100	
71	4.3	4.8 7.2#
51	25.6	21.4 32.0
120	23.6	18.6 28.0

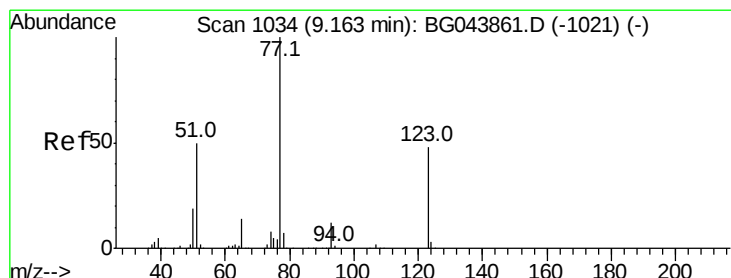
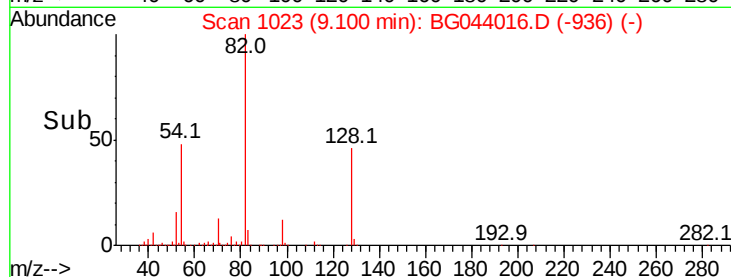
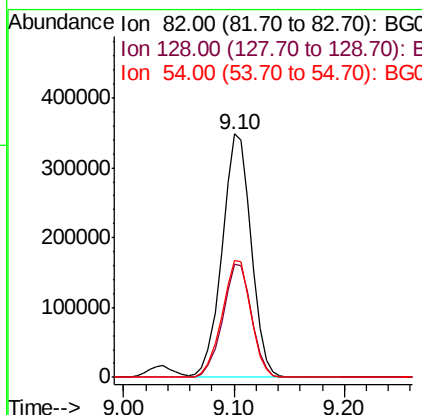
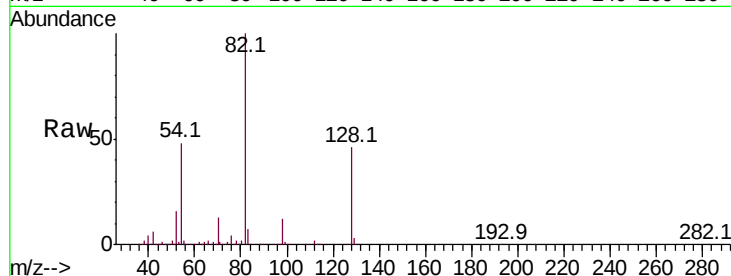




#23
Nitrobenzene-d5
Concen: 66.764 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

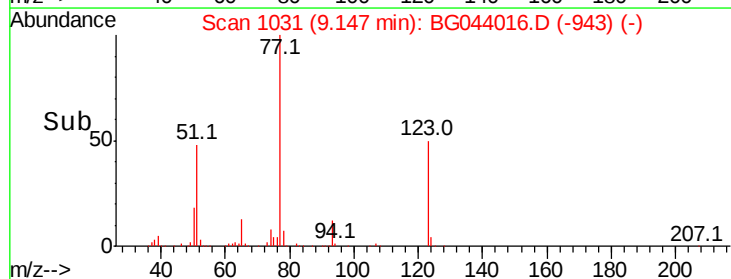
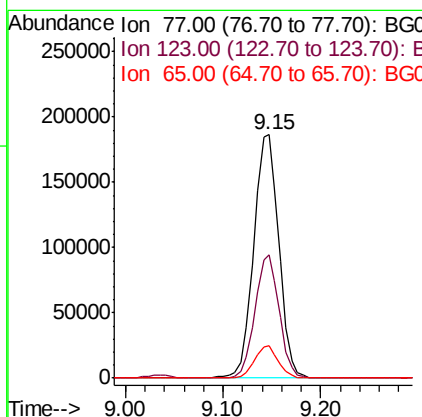
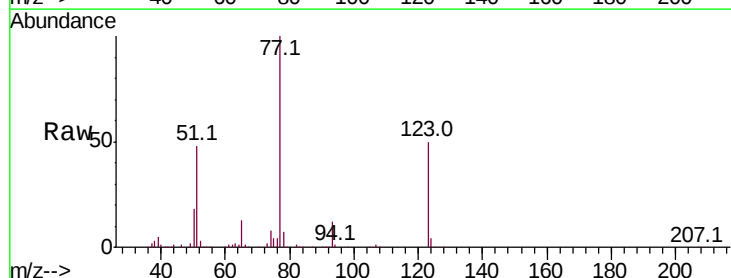
Instrument :
BNA_G
ClientSampled :

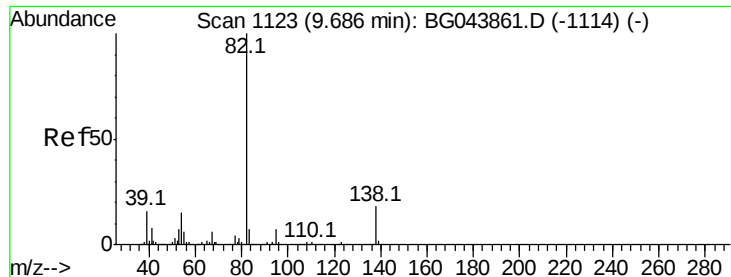
Tot Ion	82	Resp	637666
Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.1	52.7
54	48.1	40.1	60.1



#24
Nitrobenzene
Concen: 35.816 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Tgt Ion	77	Resp	338808
Ion	Ratio	Lower	Upper
77	100		
123	50.5	38.7	58.1
65	13.3	11.1	16.7





#25

Isophorone

Concen: 35.976 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampled :

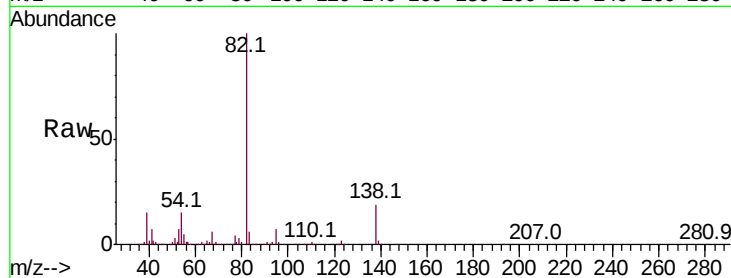
Tot Ion: 82 Resp: 644645

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

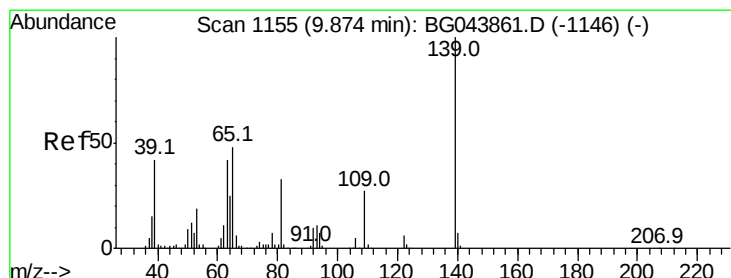
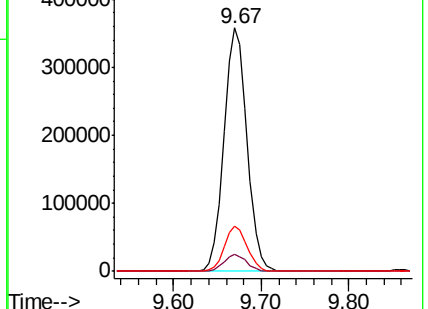
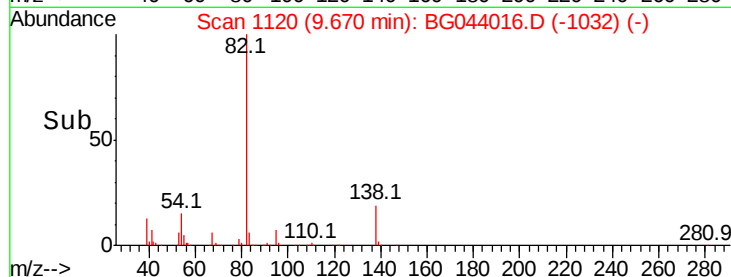
138 18.6 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BG044016.D (-1032) (-)

Ion 95.00 (94.70 to 95.70): BG044016.D (-1032) (-)

Ion 138.00 (137.70 to 138.70): BG044016.D (-1032) (-)



#26

2-Nitrophenol

Concen: 41.158 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

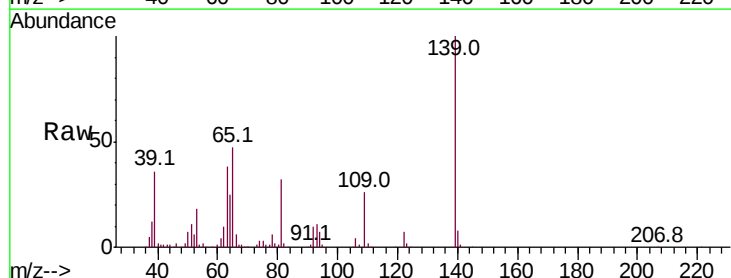
Tgt Ion: 139 Resp: 184205

Ion Ratio Lower Upper

139 100

109 26.2 21.3 31.9

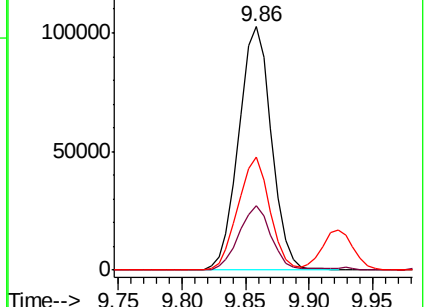
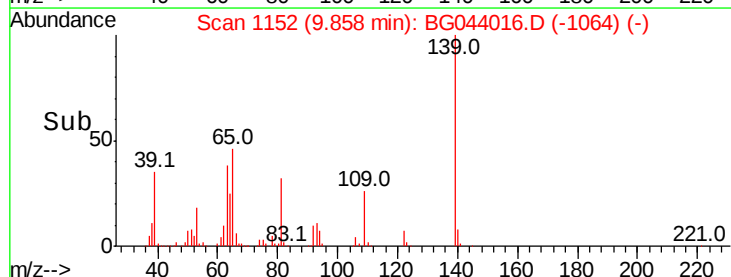
65 46.6 38.6 57.8

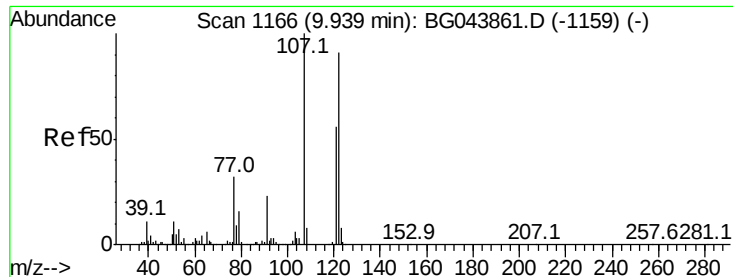


Abundance Ion 139.00 (138.70 to 139.70): BG044016.D (-1064) (-)

Ion 109.00 (108.70 to 109.70): BG044016.D (-1064) (-)

Ion 65.00 (64.70 to 65.70): BG044016.D (-1064) (-)

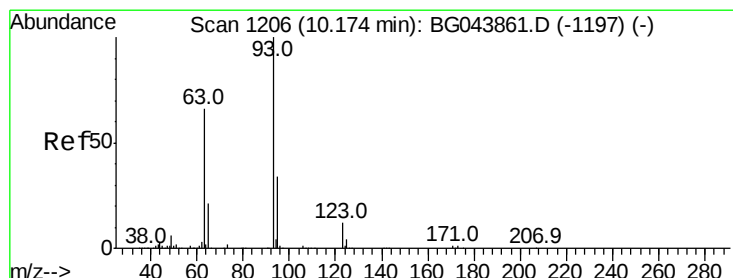
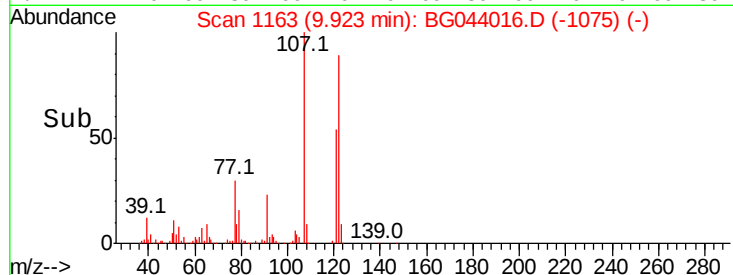
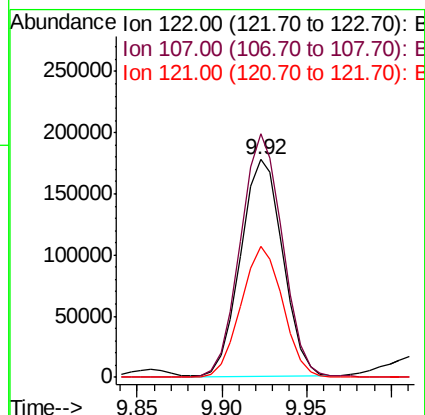
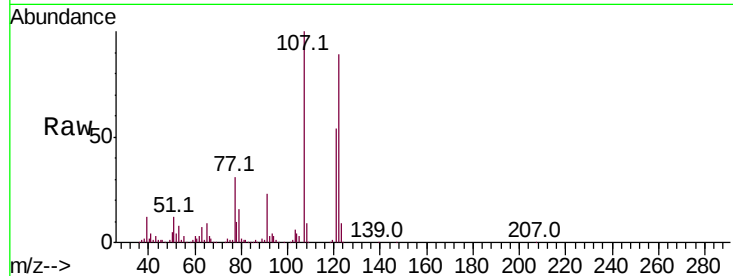




#27
2,4-Dimethylphenol
Concen: 45.694 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

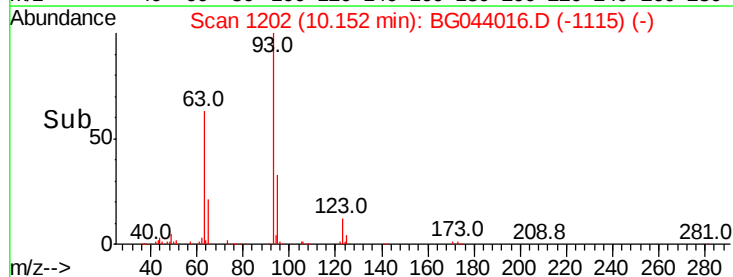
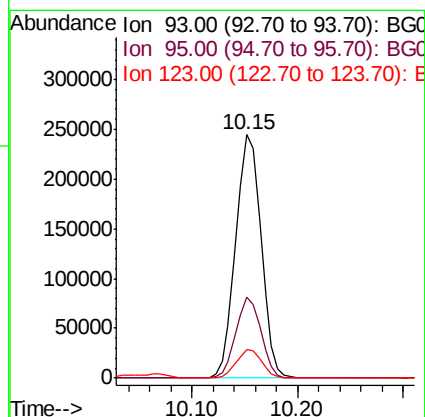
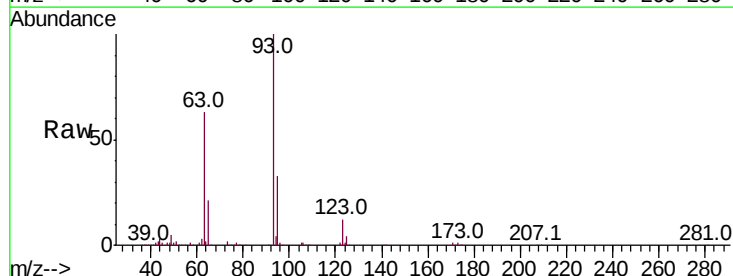
Instrument :
BNA_G
ClientSampleId :

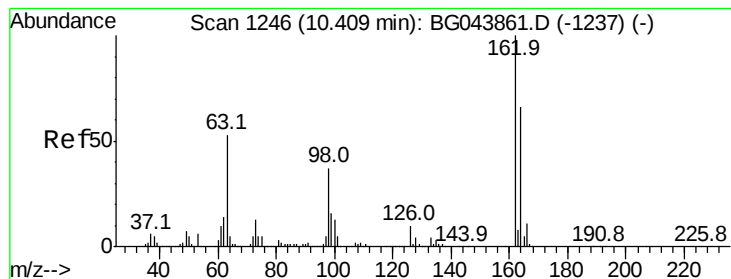
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.8	88.0	132.0
121	60.3	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 34.164 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	27.2	40.8
123	11.8	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 39.791 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

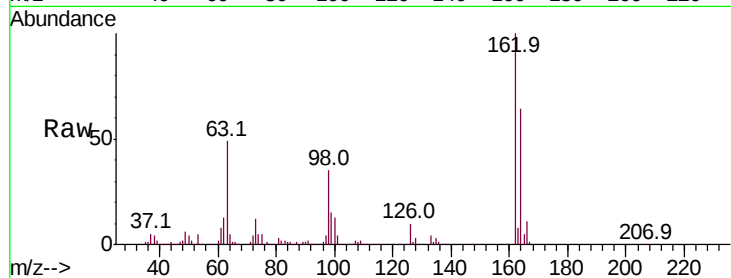
Tot Ion:162 Resp: 319763

Ion Ratio Lower Upper

162 100

164 64.3 46.3 86.3

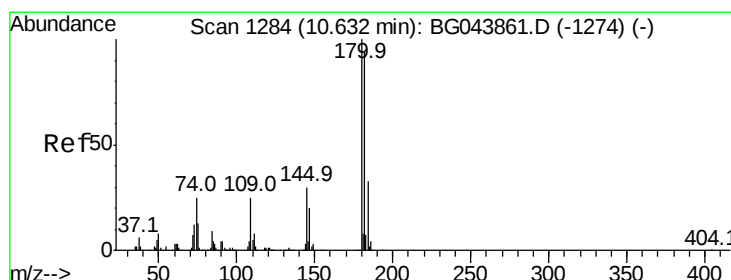
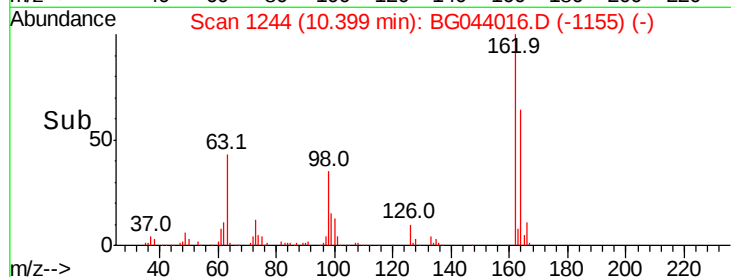
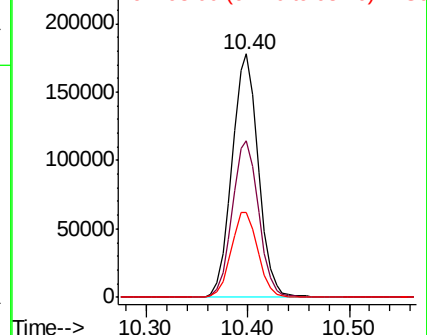
98 34.9 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 36.155 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

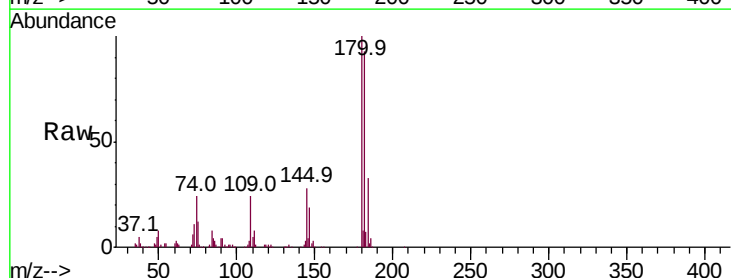
Tgt Ion:180 Resp: 325767

Ion Ratio Lower Upper

180 100

182 92.6 75.0 112.4

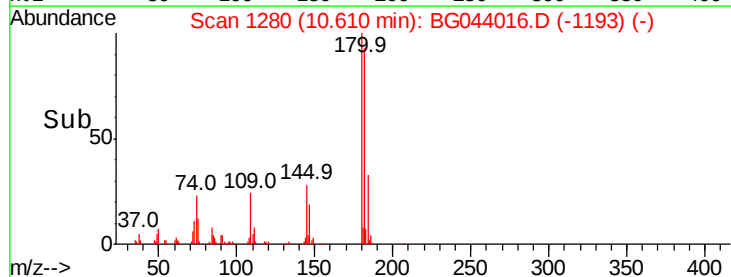
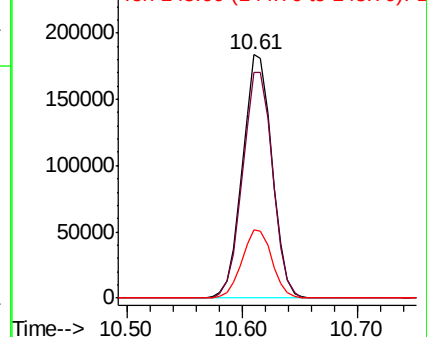
145 27.9 24.2 36.4

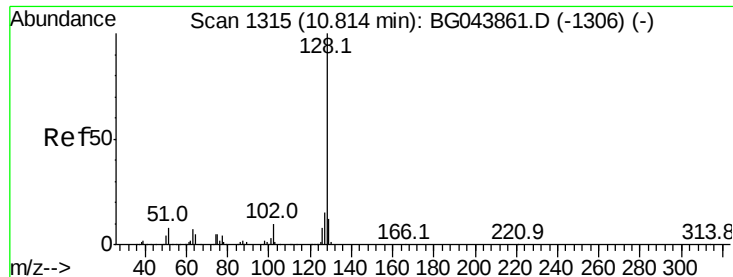


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

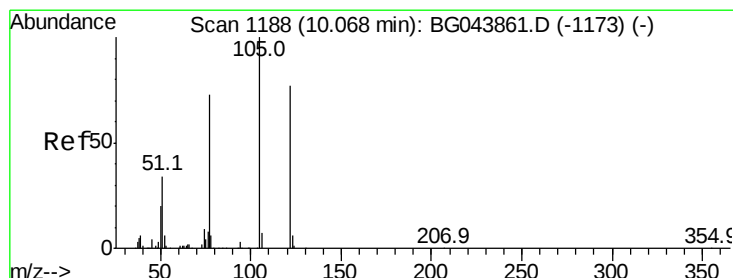
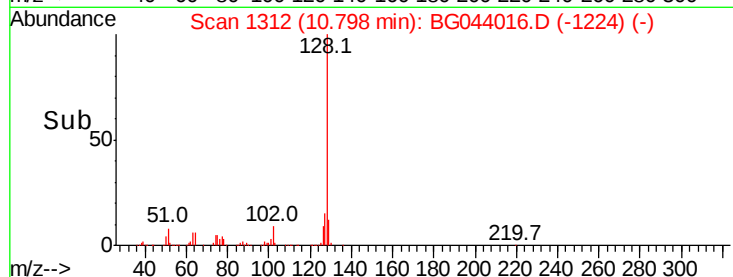
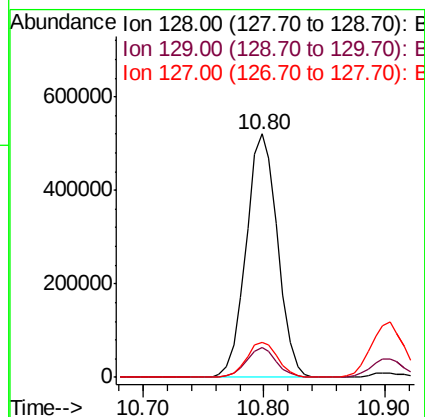
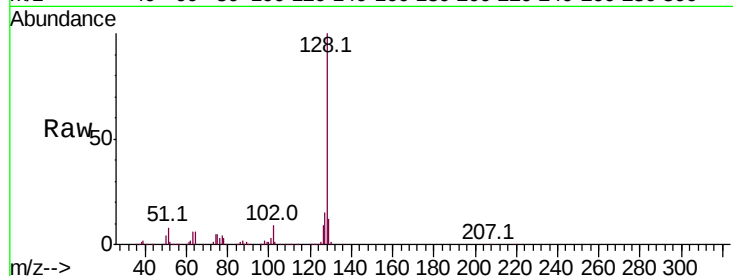




#31
Naphthalene
Concen: 38.074 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

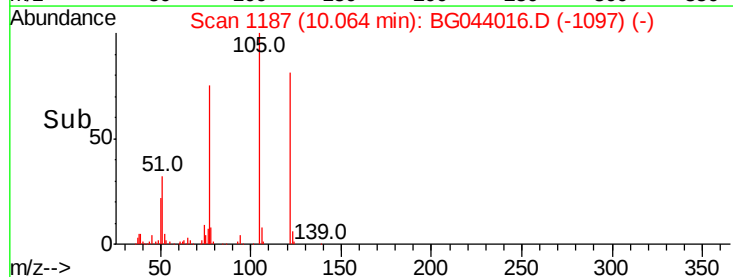
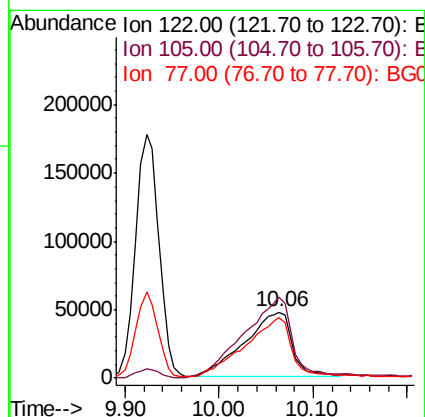
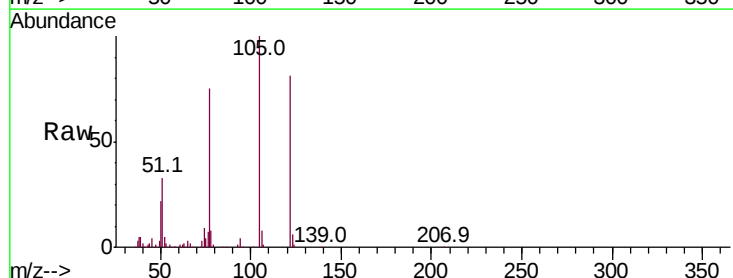
Instrument :
BNA_G
ClientSampleId :

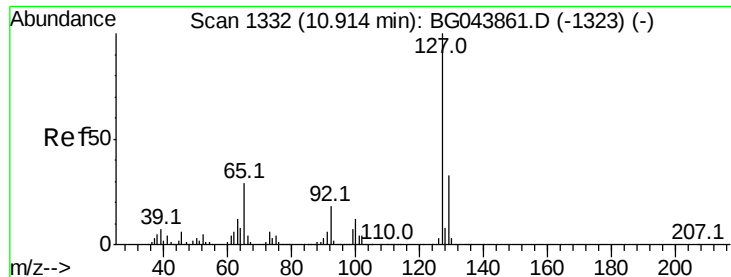
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.6	12.0	18.0



#32
Benzoic acid
Concen: 32.366 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.0	106.4	146.4
77	92.2	74.6	114.6

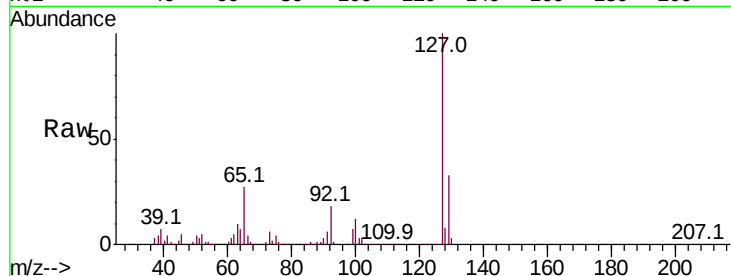




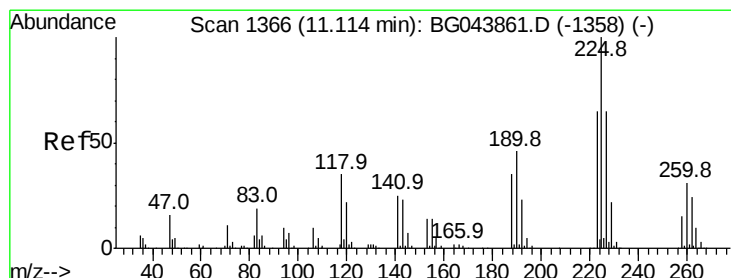
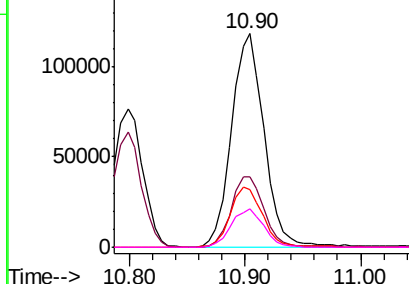
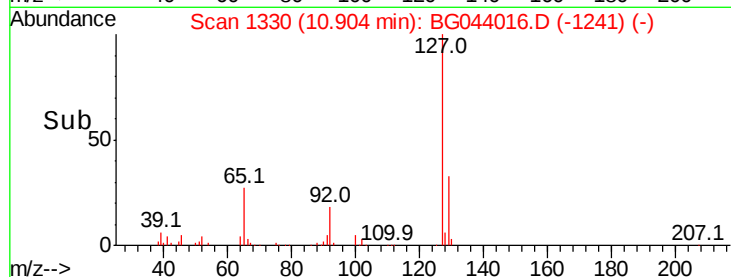
#33
4-Chloroaniline
Concen: 19.456 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	229452
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	40.0
65	27.2	23.3	34.9
92	17.9	14.7	22.1

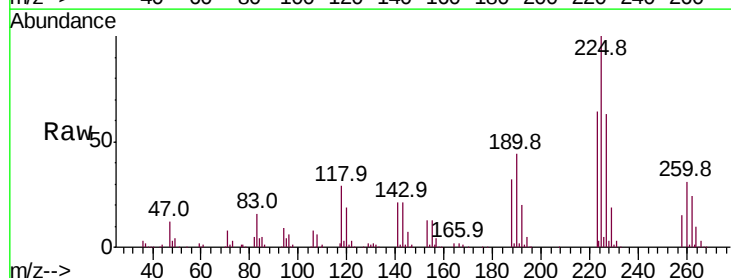


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

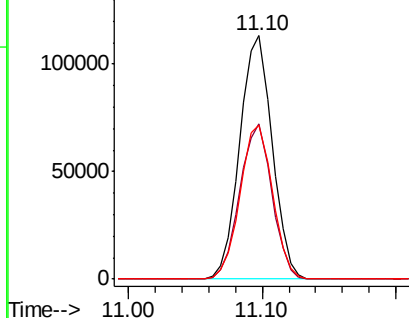
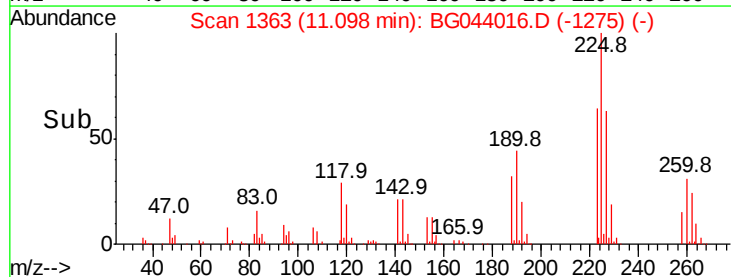


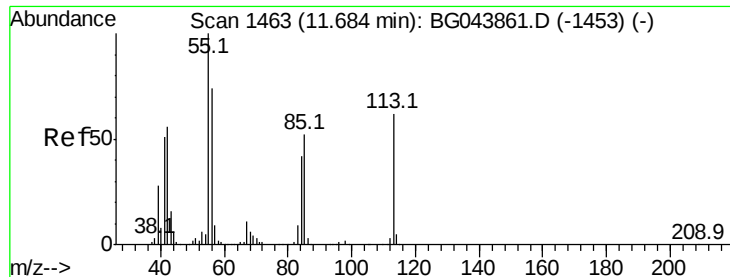
#34
Hexachlorobutadiene
Concen: 34.505 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Tgt Ion:	225	Resp:	189825
Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.2	78.4
227	63.2	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.888 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

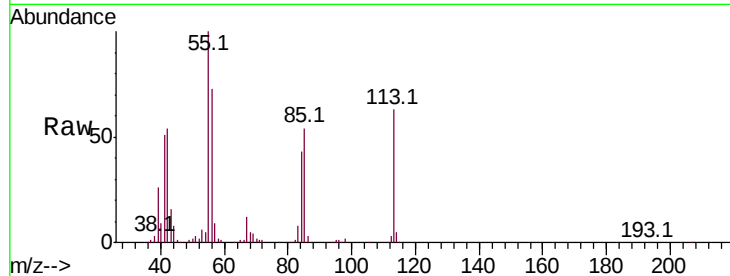
Tot Ion:113 Resp: 71461

Ion Ratio Lower Upper

113 100

55 158.7 142.5 182.5

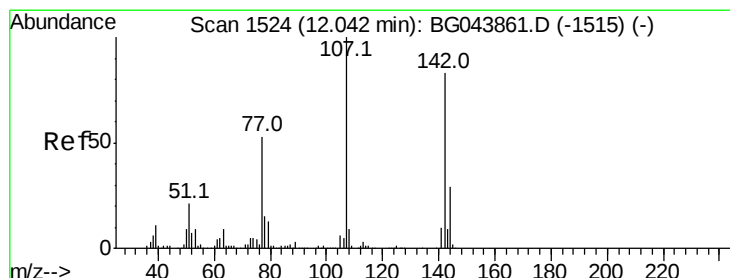
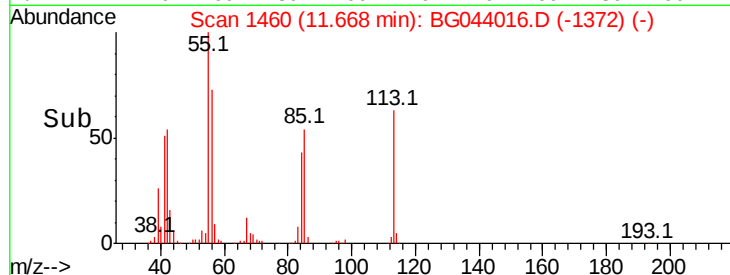
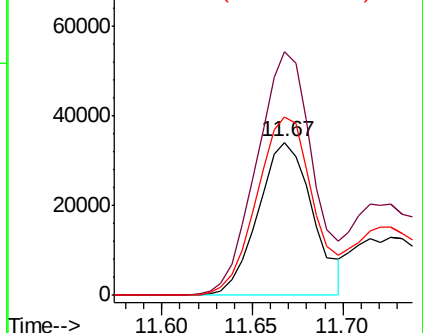
56 116.2 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.707 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

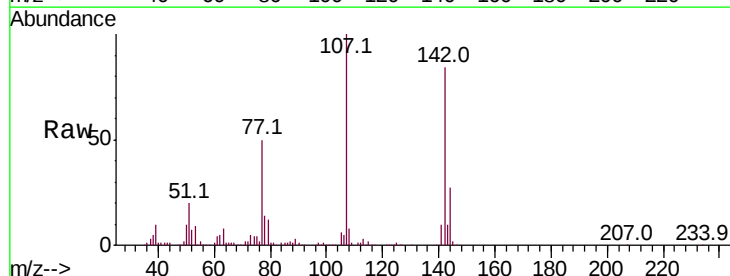
Tgt Ion:107 Resp: 331134

Ion Ratio Lower Upper

107 100

144 26.9 23.4 35.2

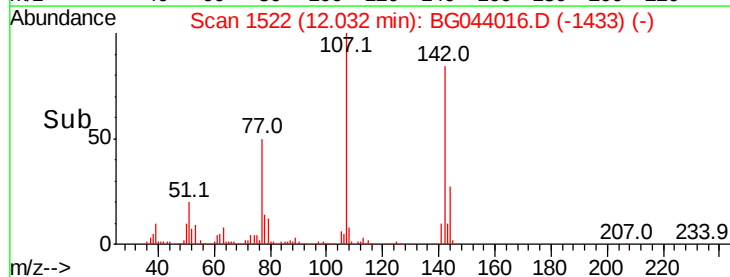
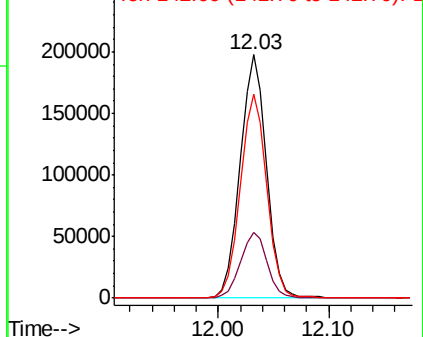
142 83.7 66.3 99.5

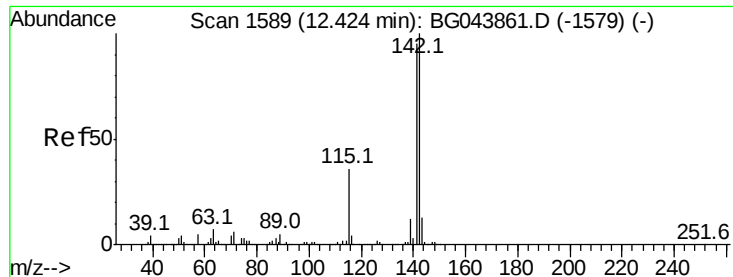


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

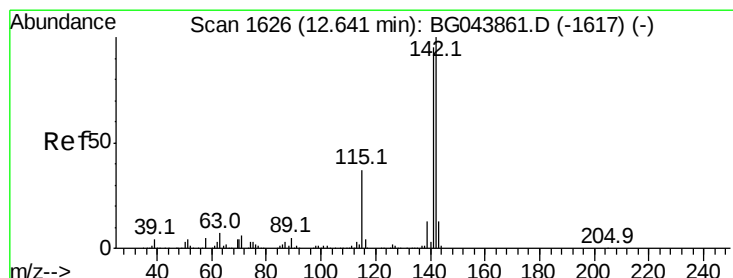
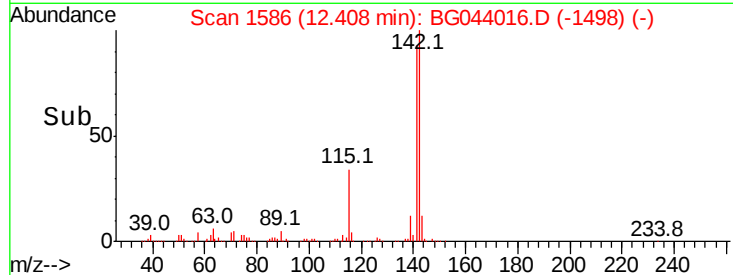
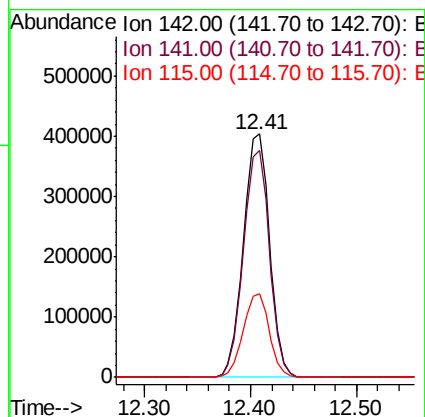
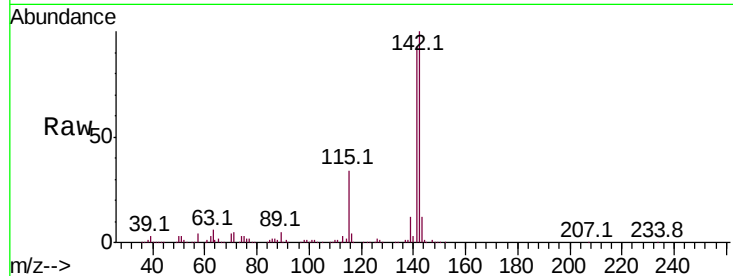




#37
 2-Methylnaphthalene
 Concen: 37.355 ng
 RT: 12.41 min Scan# 1586
 Delta R.T. -0.02 min
 Lab File: BG044016.D
 Acq: 13 Jan 2020 17:42

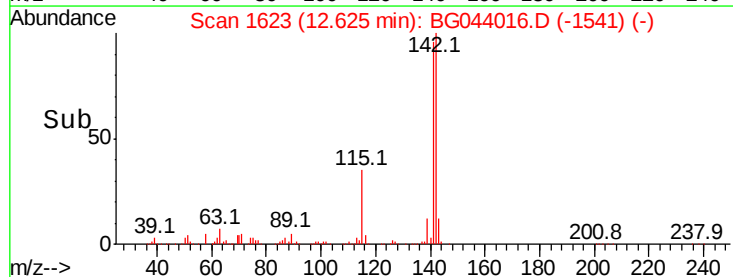
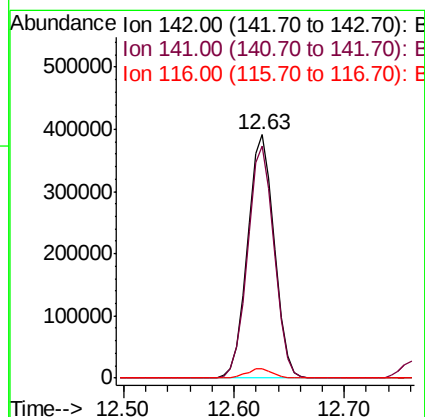
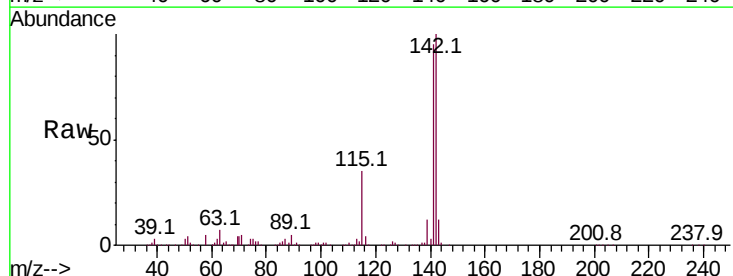
Instrument :
 BNA_G
 ClientSampled :

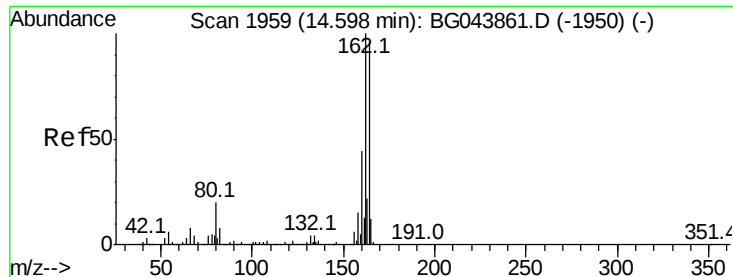
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.8	113.8
115	34.2	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 37.609 ng
 RT: 12.63 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BG044016.D
 Acq: 13 Jan 2020 17:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	76.0	114.0
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

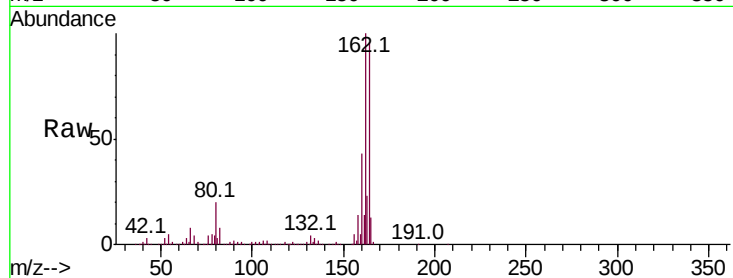
Tot Ion:164 Resp: 332121

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.4

160 44.4 36.1 54.1

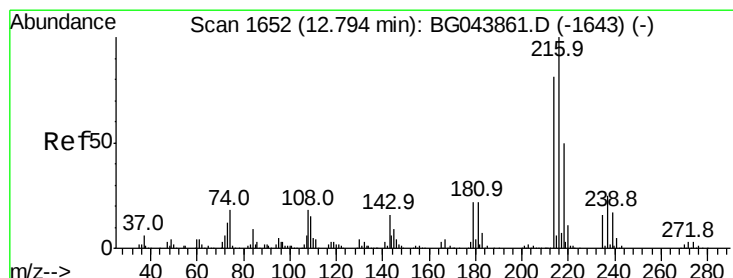
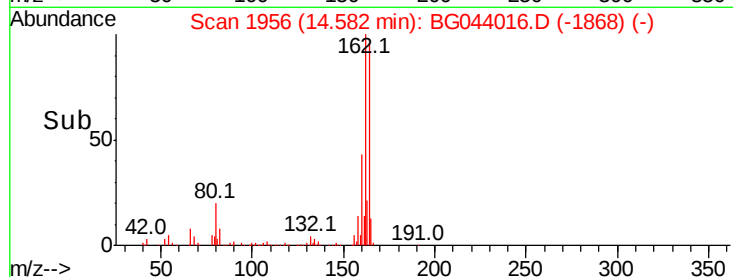
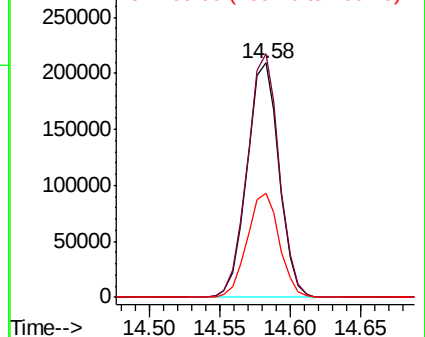


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.525 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Tgt Ion:216 Resp: 336080

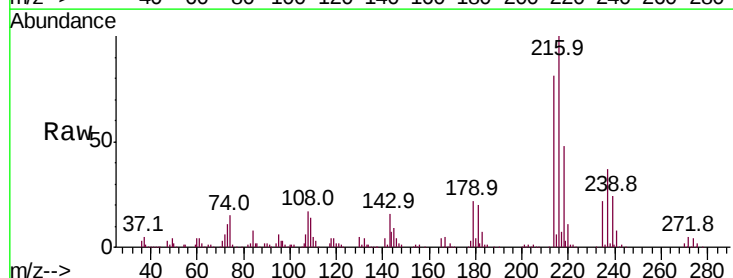
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.8

179 21.4 17.3 25.9

108 19.3 15.3 22.9



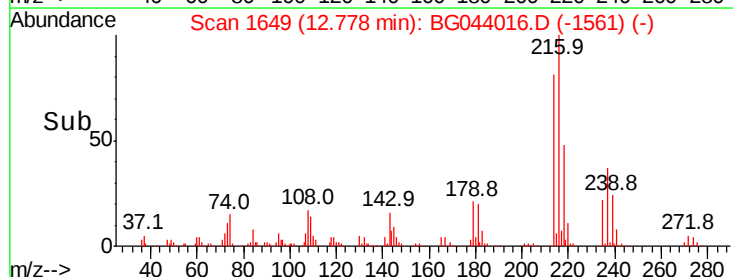
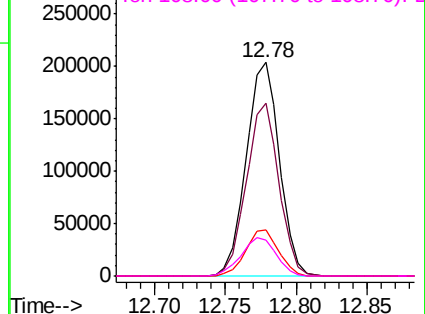
Abundance

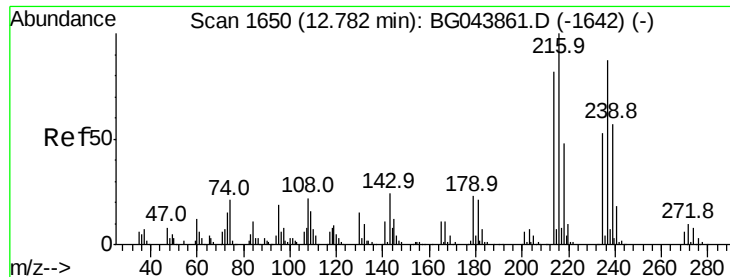
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.199 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

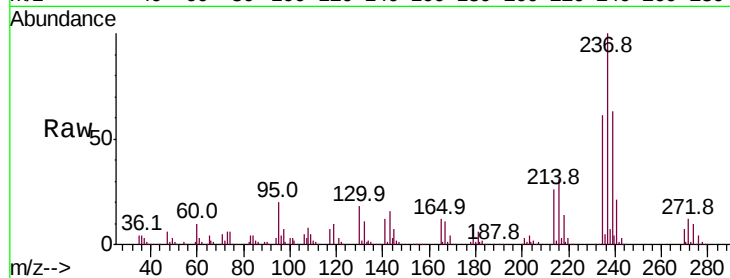
Tot Ion:237 Resp: 354277

Ion Ratio Lower Upper

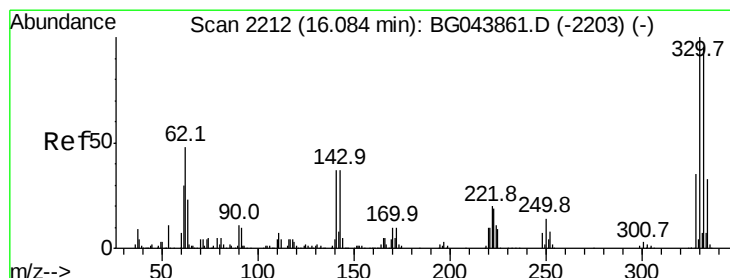
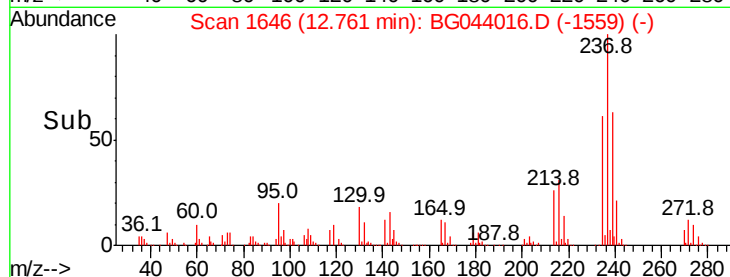
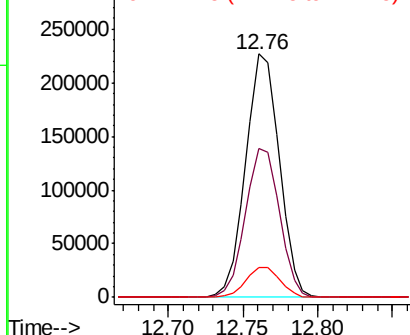
237 100

235 61.3 41.1 81.1

272 12.3 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.919 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

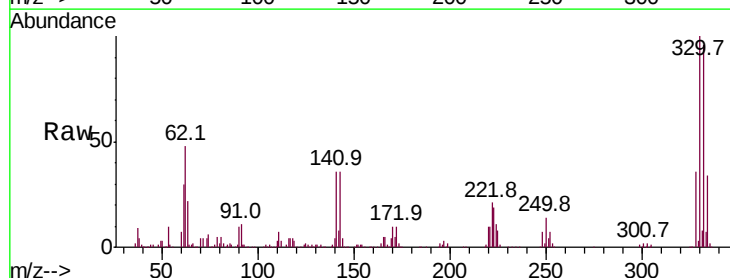
Tgt Ion:330 Resp: 385508

Ion Ratio Lower Upper

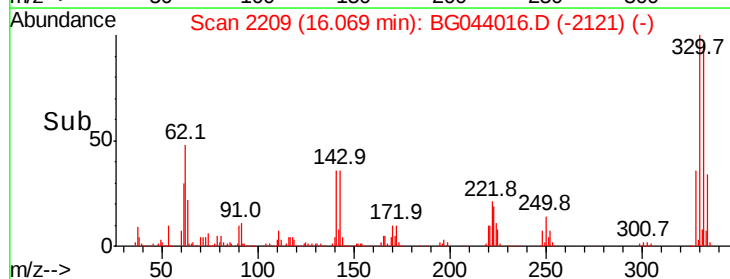
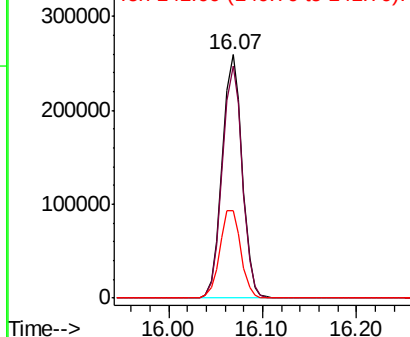
330 100

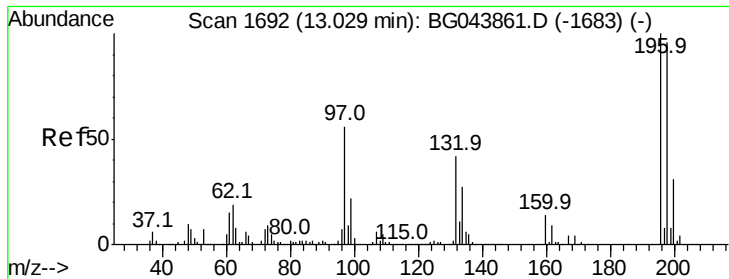
332 96.1 77.2 115.8

141 37.8 33.1 49.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

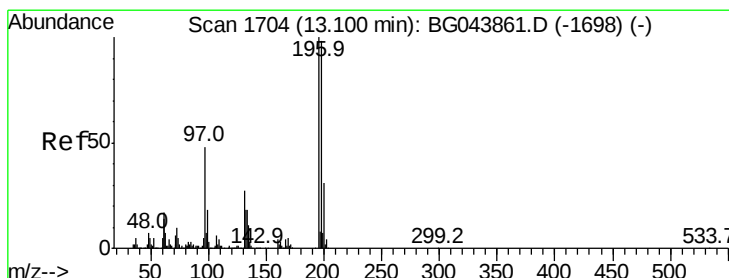
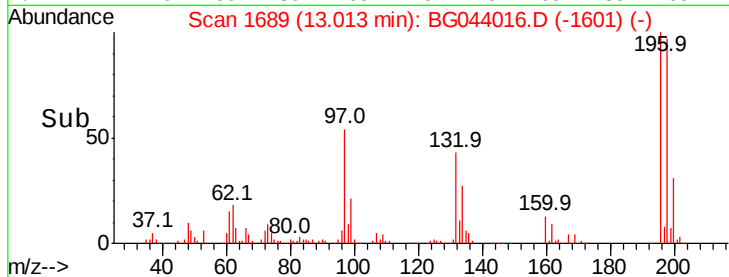
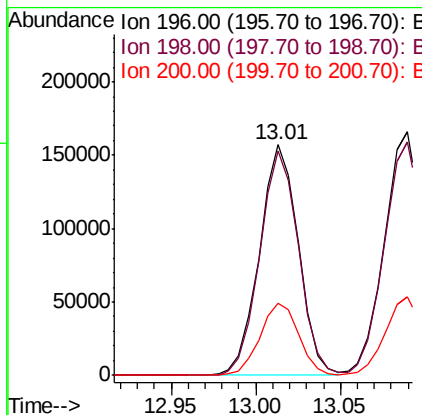
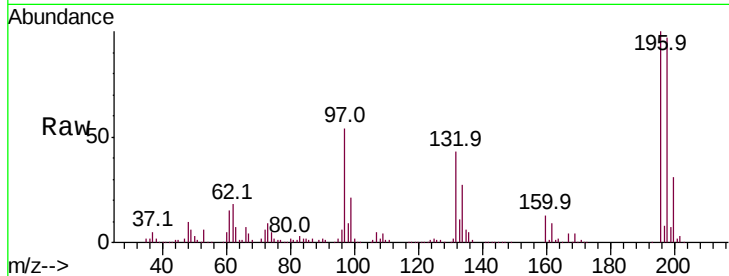




#43
 2,4,6-Trichlorophenol
 Concen: 37.456 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044016.D
 Acq: 13 Jan 2020 17:42

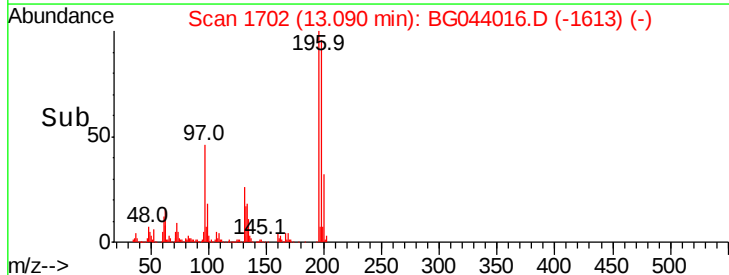
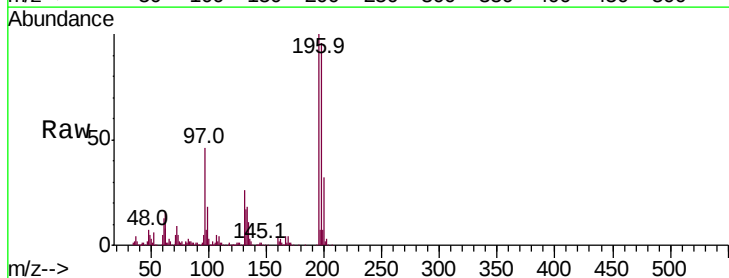
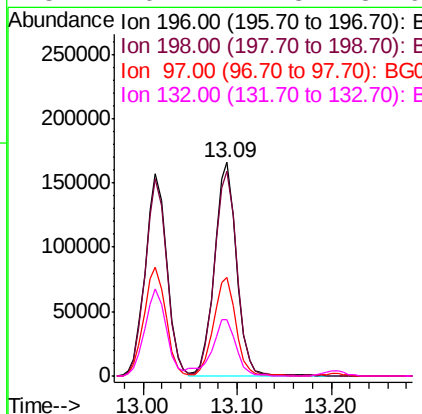
Instrument :
 BNA_G
 ClientSampleId :

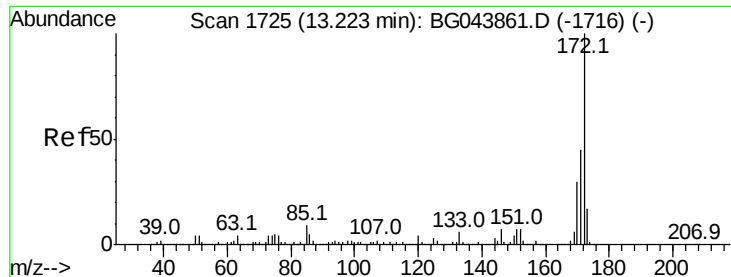
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.6	115.0
200	31.3	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.423 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044016.D
 Acq: 13 Jan 2020 17:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	78.3	117.5
97	45.9	38.8	58.2
132	26.4	21.3	31.9





#45

2-Fluorobiphenyl

Concen: 75.222 ng

RT: 13.21 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

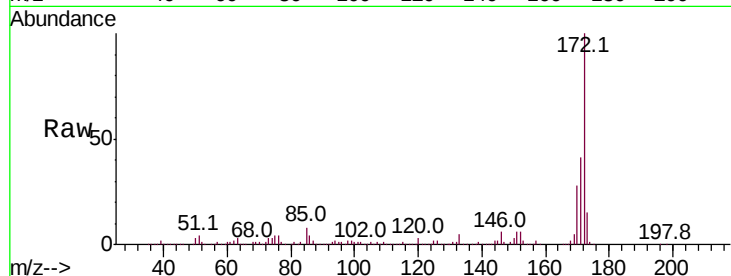
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1378920

Ion	Ratio	Lower	Upper
172	100		
171	41.2	35.8	53.8
170	28.0	24.2	36.4

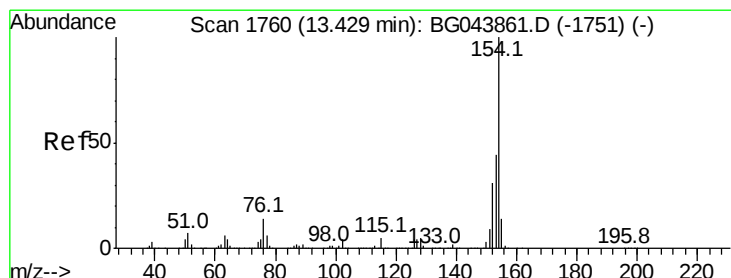
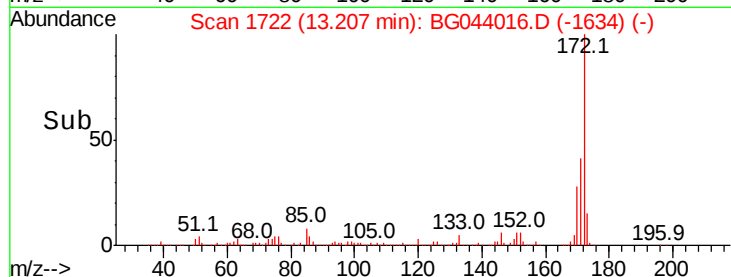
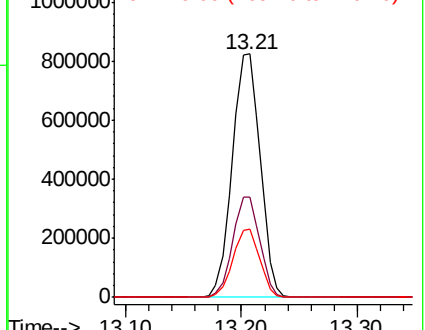


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 36.503 ng

RT: 13.41 min Scan# 1757

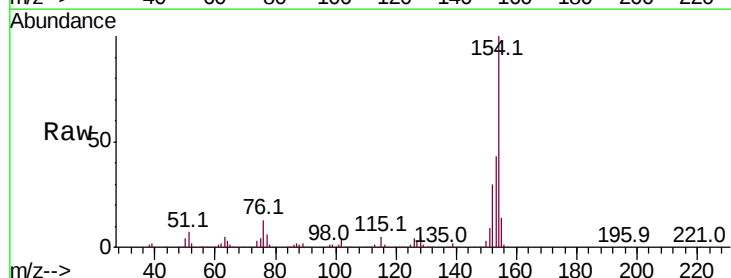
Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Tgt Ion:154 Resp: 869233

Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.6	63.6
76	13.1	0.0	34.4

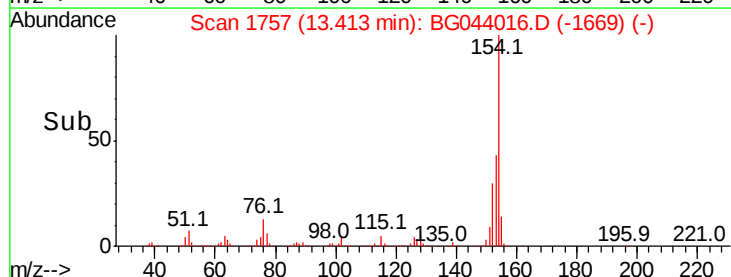
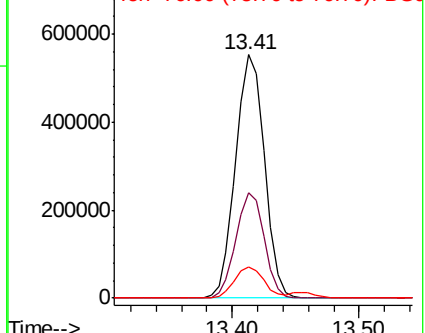


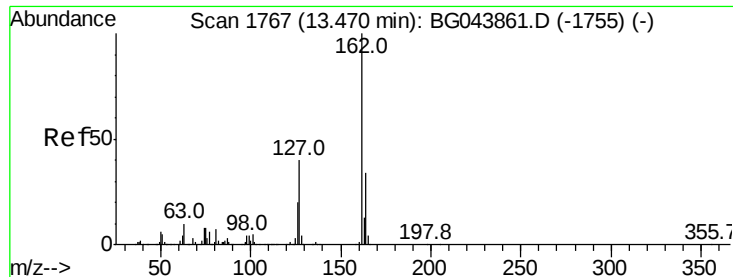
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

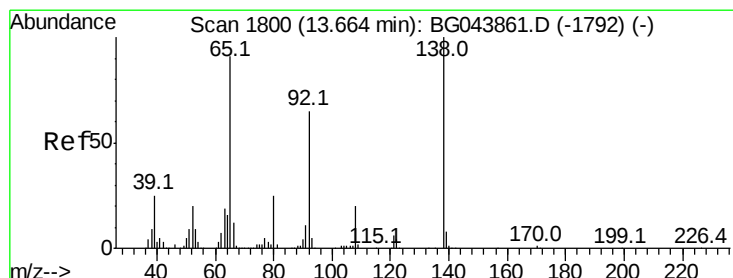
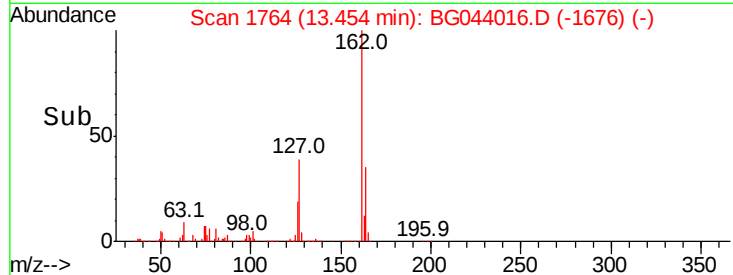
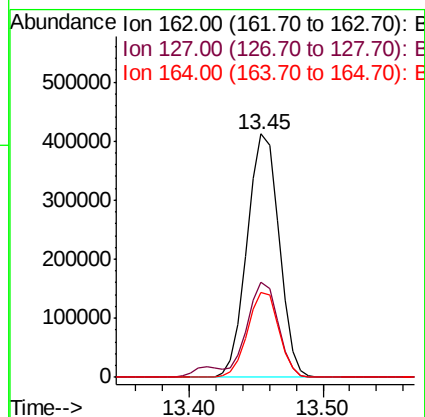
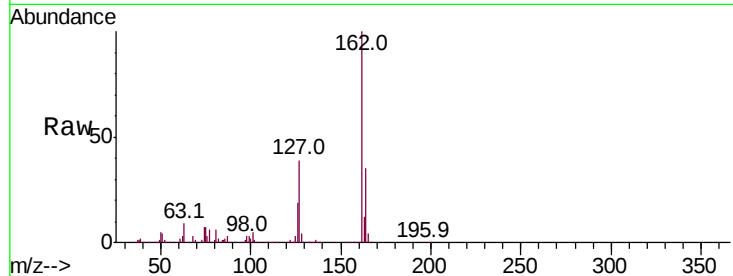




#47
2-Chloronaphthalene
Concen: 35.375 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

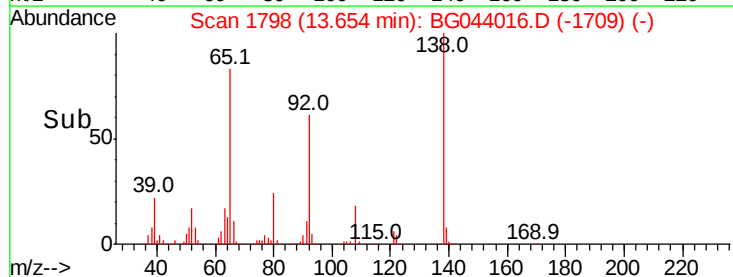
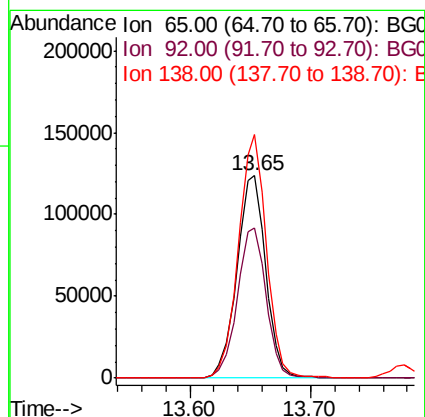
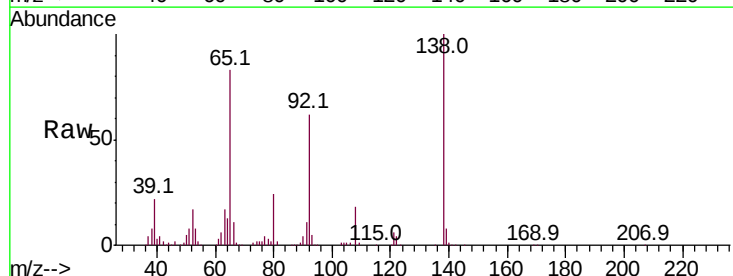
Instrument :
BNA_G
ClientSampled :

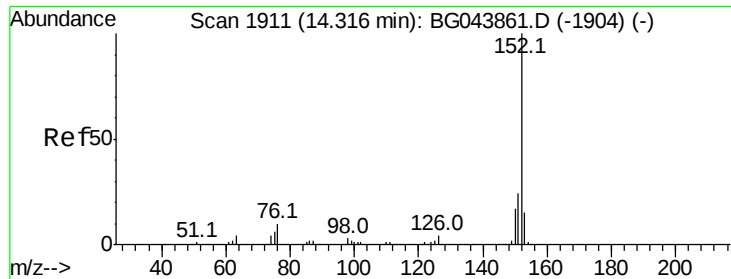
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.1	48.1
164	34.7	27.5	41.3



#48
2-Nitroaniline
Concen: 33.362 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	57.4	86.2
138	120.3	88.2	132.4





#49

Acenaphthylene

Concen: 38.555 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

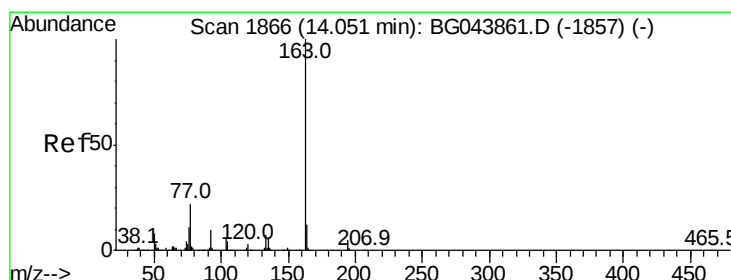
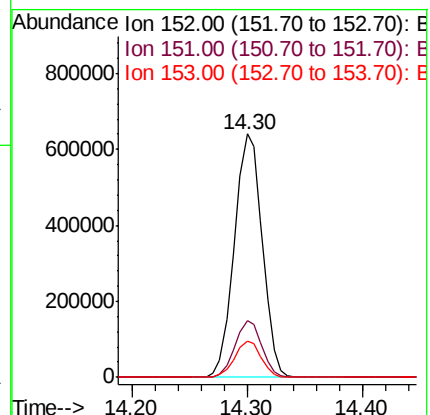
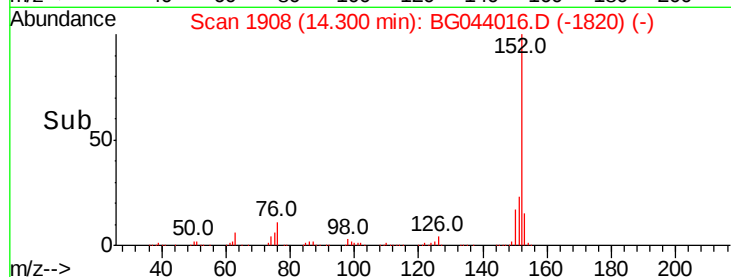
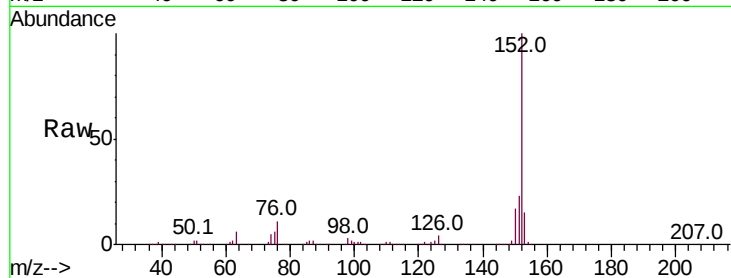
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1066297

Ion	Ratio	Lower	Upper
152	100		
151	23.1	19.4	29.2
153	15.0	12.0	18.0



#50

Dimethylphthalate

Concen: 36.630 ng

RT: 14.04 min Scan# 1863

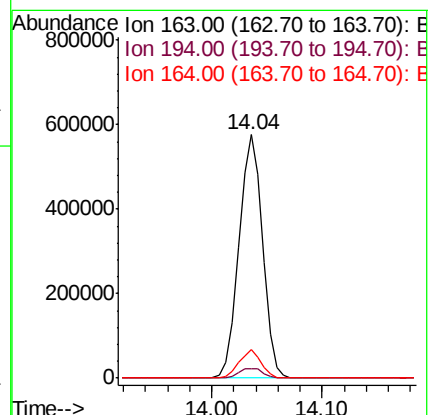
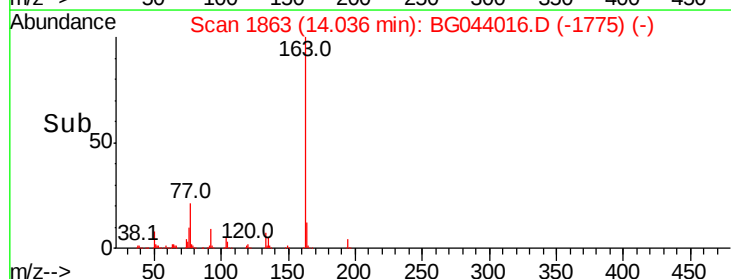
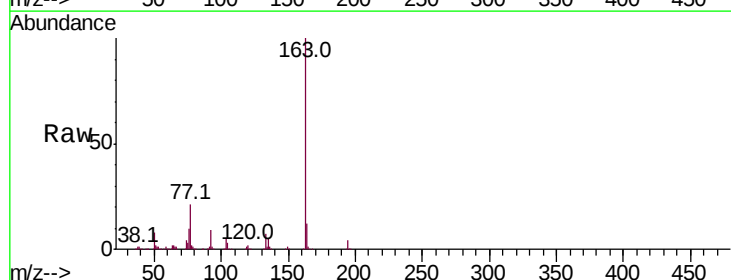
Delta R.T. -0.02 min

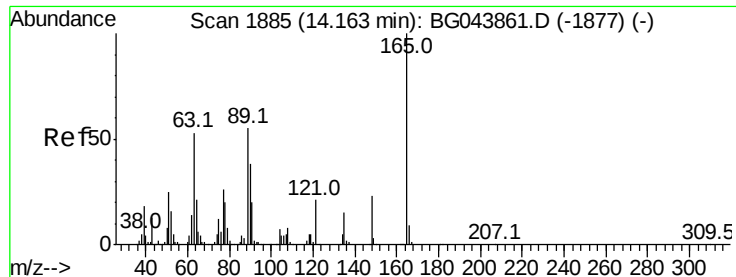
Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Tgt Ion:163 Resp: 863802

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	11.6	9.3	13.9





#51

2,6-Dinitrotoluene

Concen: 37.274 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

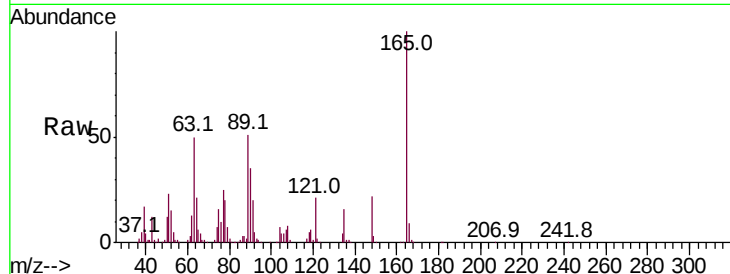
Tot Ion:165 Resp: 198672

Ion Ratio Lower Upper

165 100

63 49.8 43.1 64.7

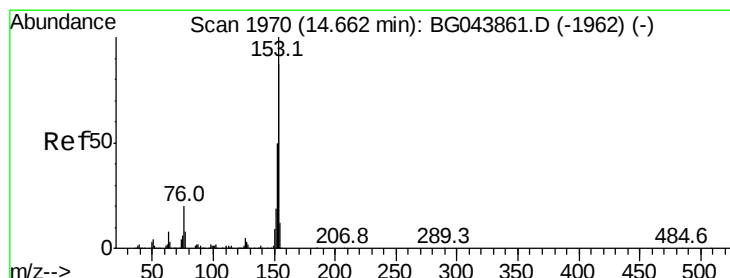
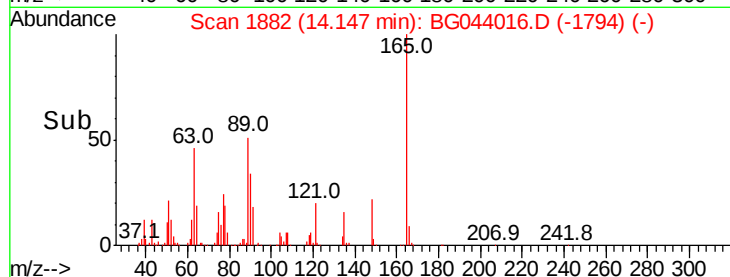
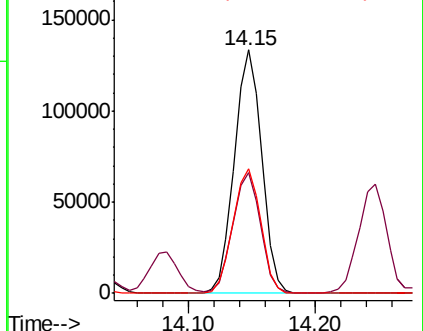
89 51.3 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 34.757 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

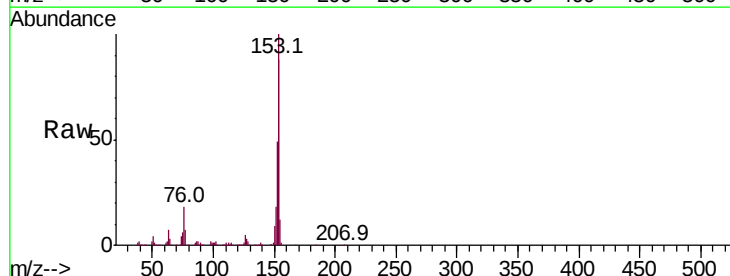
Tgt Ion:154 Resp: 674123

Ion Ratio Lower Upper

154 100

153 113.3 91.6 137.4

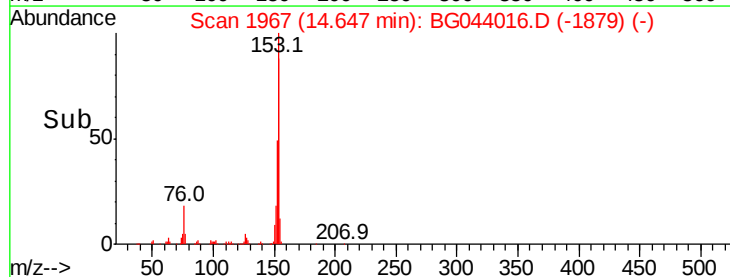
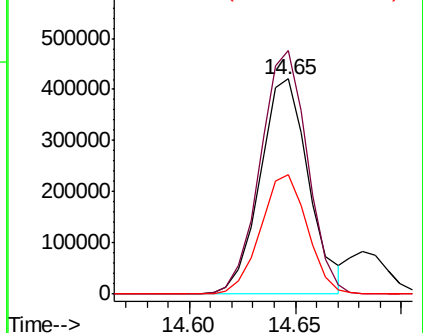
152 55.3 45.4 68.0

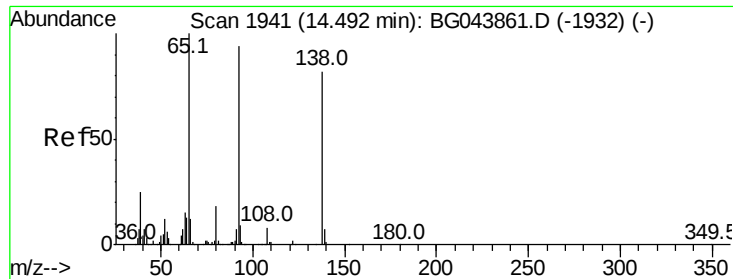


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.725 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

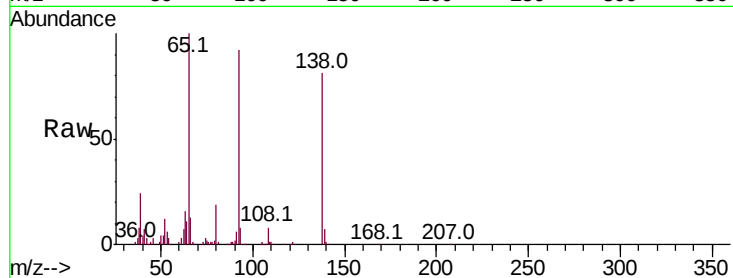
Tot Ion:138 Resp: 149654

Ion Ratio Lower Upper

138 100

108 9.3 7.4 11.2

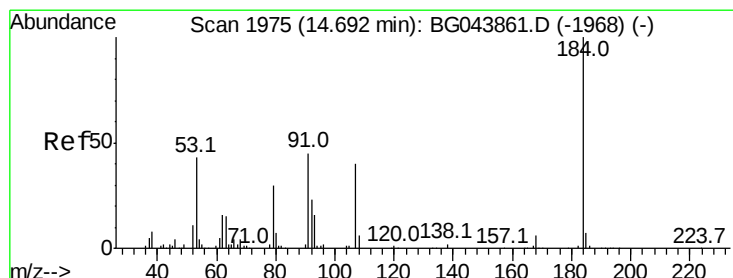
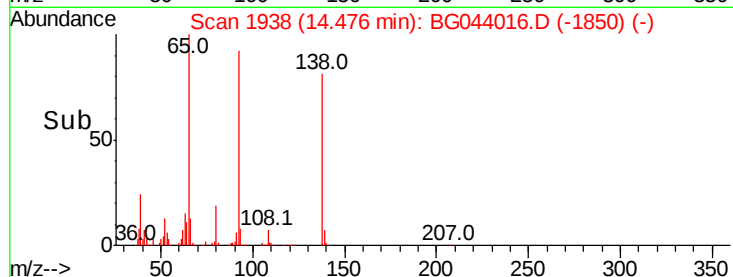
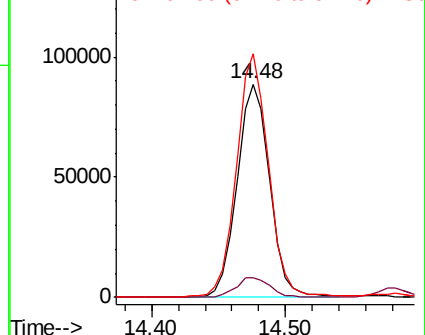
92 114.4 92.1 138.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 84.259 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

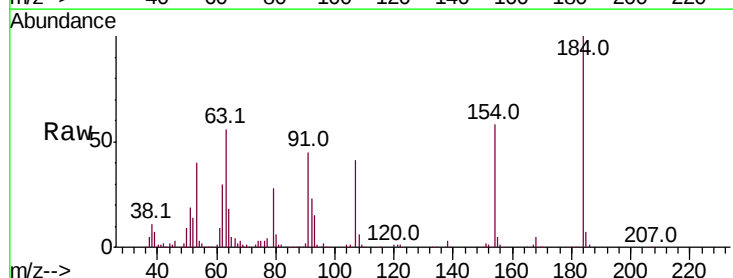
Tgt Ion:184 Resp: 229649

Ion Ratio Lower Upper

184 100

63 56.0 46.6 70.0

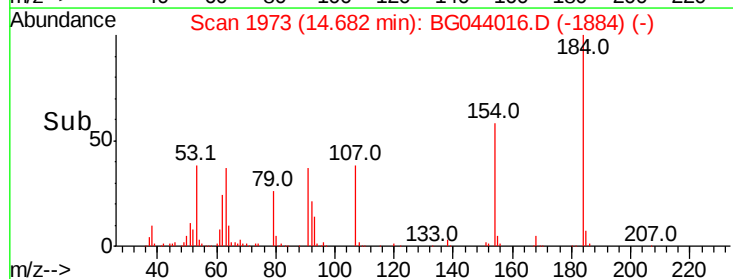
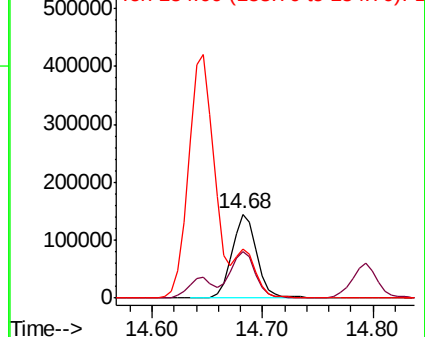
154 58.3 50.2 75.4

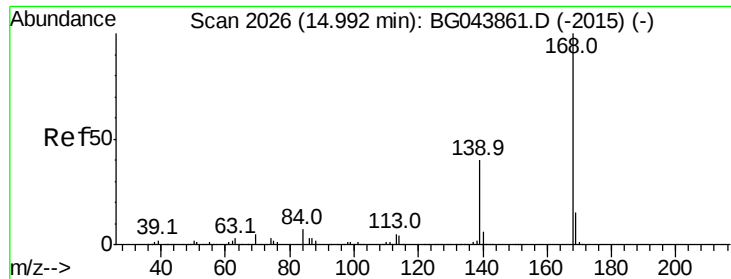


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

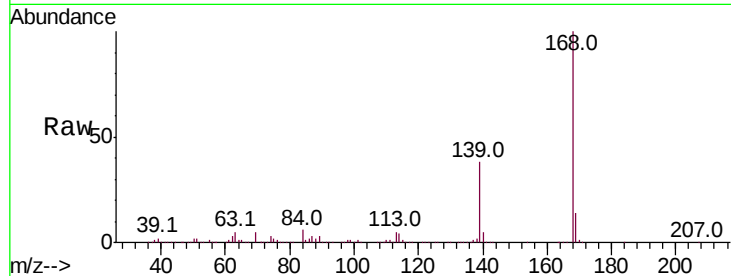




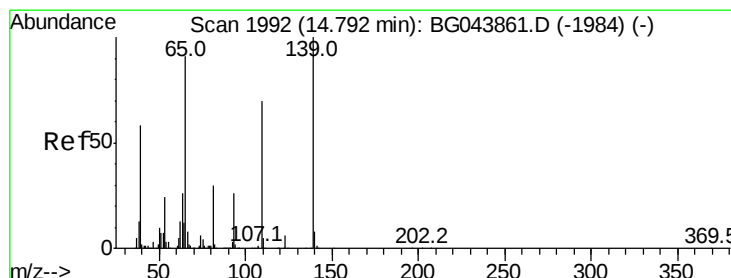
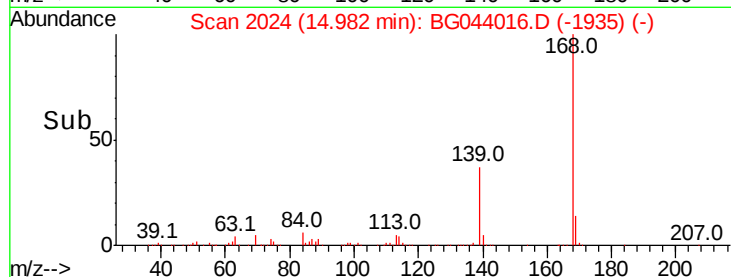
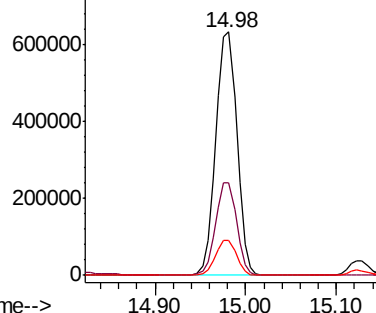
#55
Dibenzofuran
Concen: 38.487 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 1027594
Ion Ratio Lower Upper
168 100
139 37.8 32.2 48.2
169 14.5 12.2 18.2

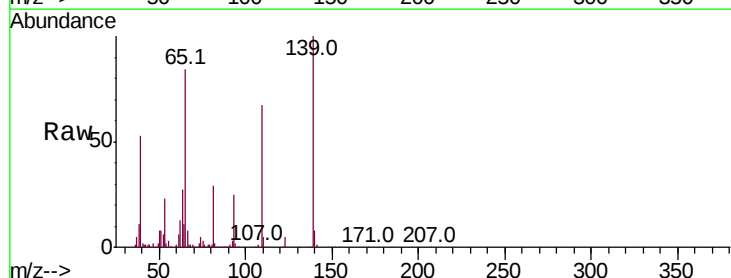


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

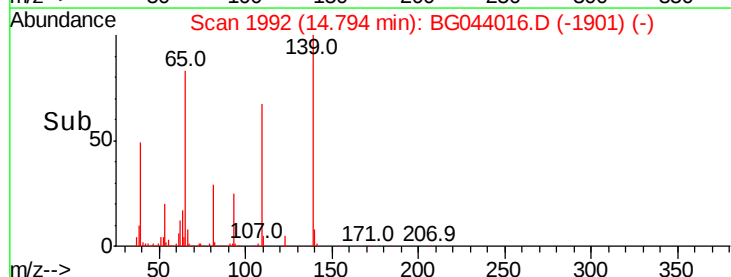
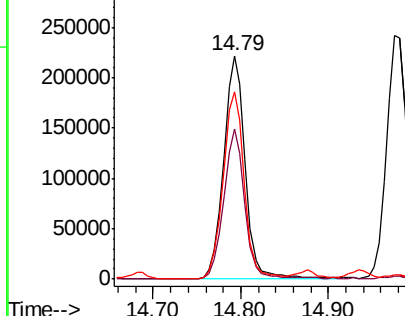


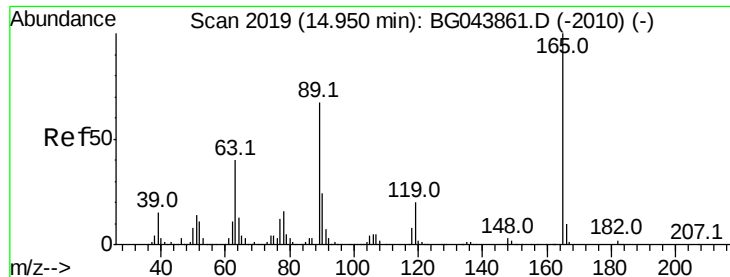
#56
4-Nitrophenol
Concen: 81.540 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Tgt Ion:139 Resp: 378203
Ion Ratio Lower Upper
139 100
109 67.2 50.4 90.4
65 83.8 71.4 111.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

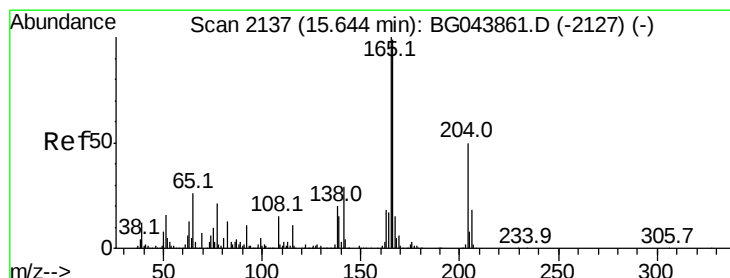
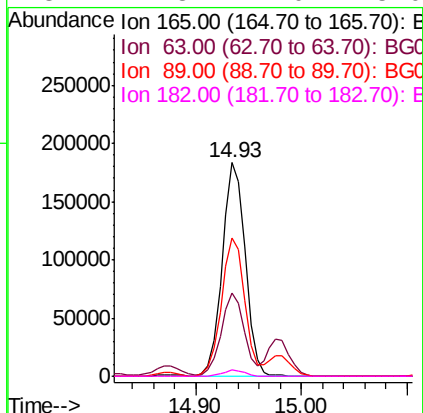
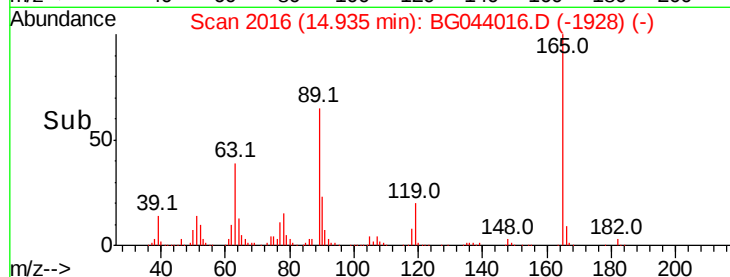
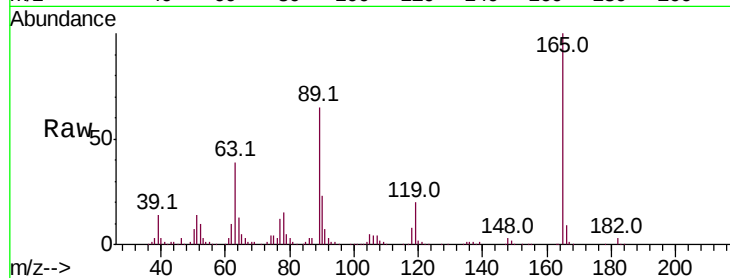




#57
2,4-Dinitrotoluene
Concen: 38.250 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

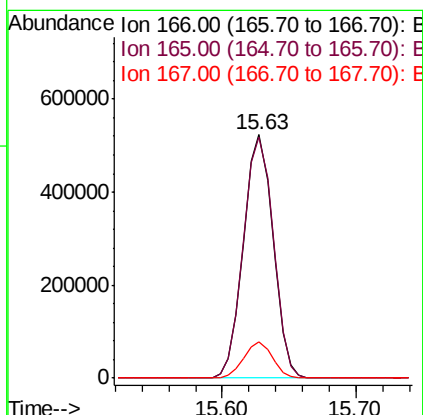
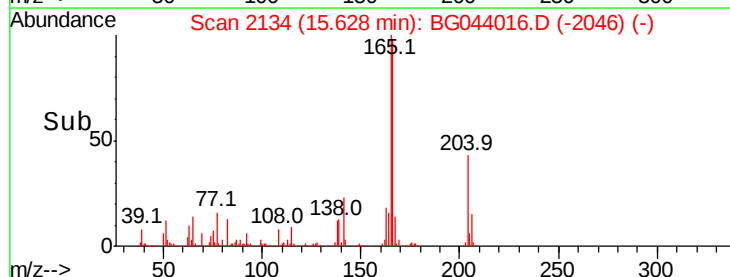
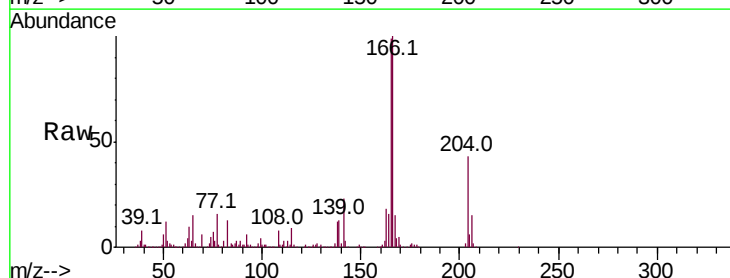
Instrument :
BNA_G
ClientSampleId :

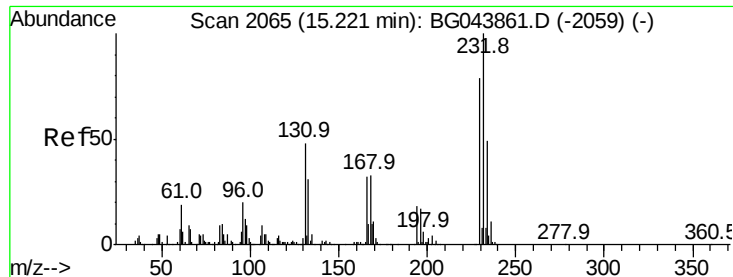
Tot Ion:165 Resp: 277411
Ion Ratio Lower Upper
165 100
63 38.8 31.9 47.9
89 65.0 53.8 80.6
182 2.8 2.0 3.0



#58
Fluorene
Concen: 37.989 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Tgt Ion:166 Resp: 803922
Ion Ratio Lower Upper
166 100
165 99.2 80.8 121.2
167 14.8 12.1 18.1

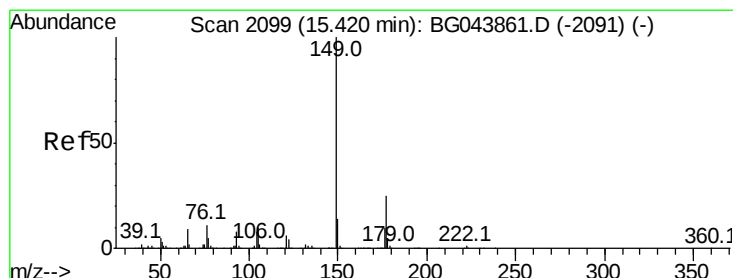
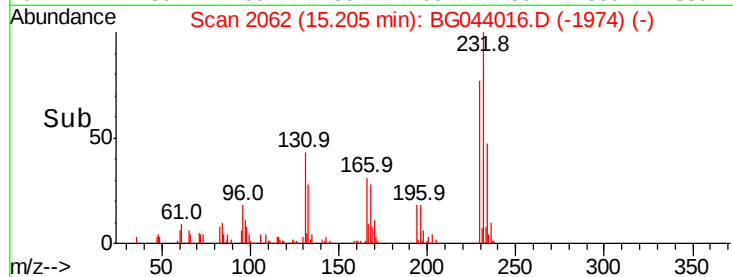
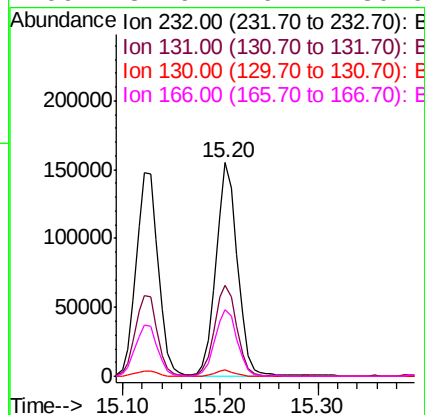
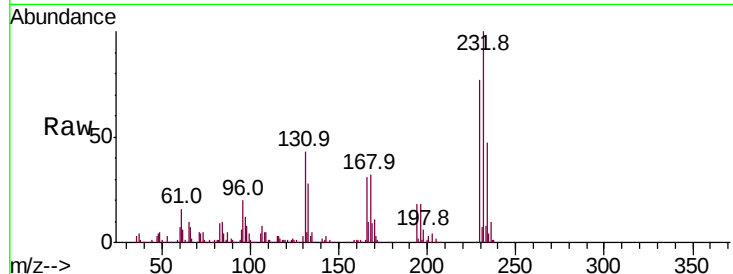




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.579 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.02 min
 Lab File: BG044016.D
 Acq: 13 Jan 2020 17:42

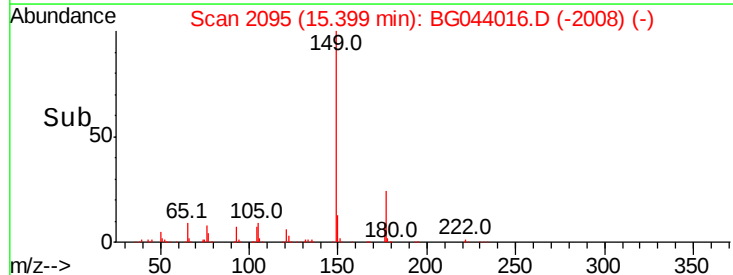
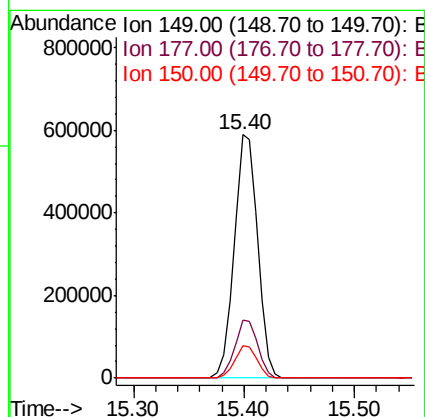
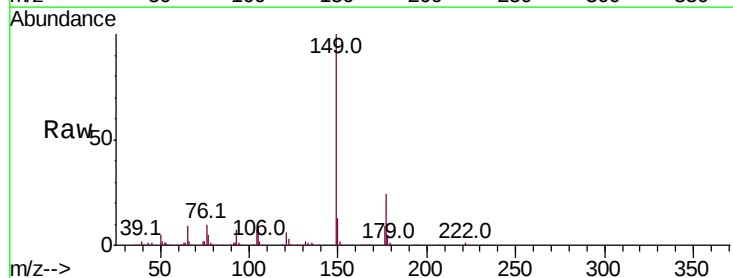
Instrument :
 BNA_G
 ClientSampleId :

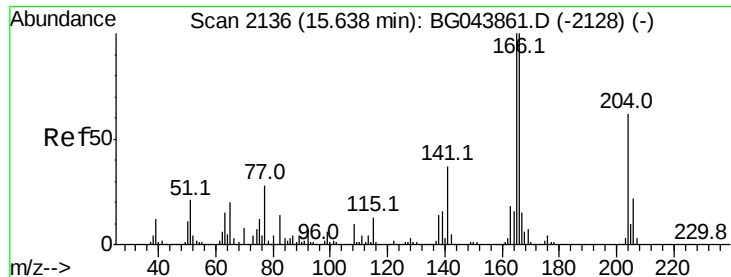
Tot Ion:	232	Resp:	235113
Ion	Ratio	Lower	Upper
232	100		
131	43.8	38.2	57.2
130	2.7	2.2	3.2
166	32.6	26.4	39.6



#60
 Diethylphthalate
 Concen: 37.049 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.02 min
 Lab File: BG044016.D
 Acq: 13 Jan 2020 17:42

Tgt Ion:	149	Resp:	873853
Ion	Ratio	Lower	Upper
149	100		
177	24.1	20.0	30.0
150	13.4	11.1	16.7

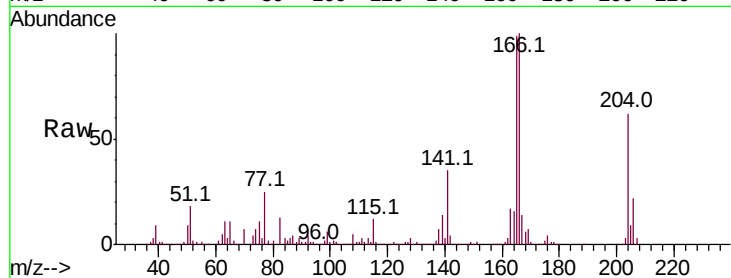




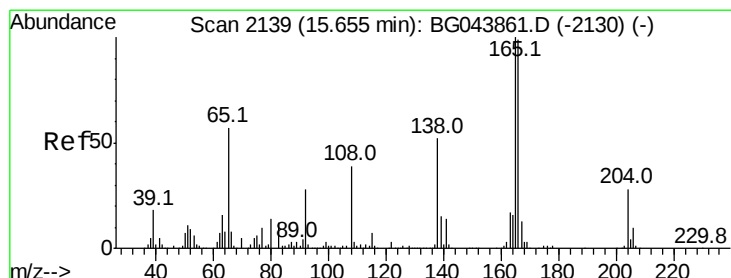
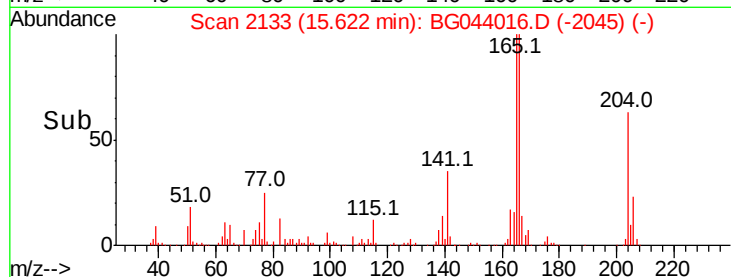
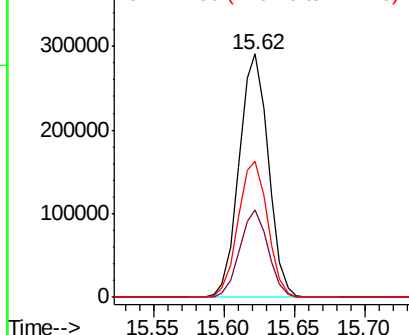
#61
4-Chlorophenyl-phenylether
Concen: 36.568 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 420208
Ion Ratio Lower Upper
204 100
206 35.8 28.2 42.2
141 55.9 48.2 72.2

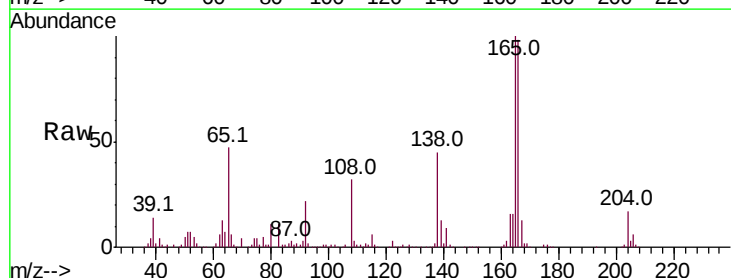


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

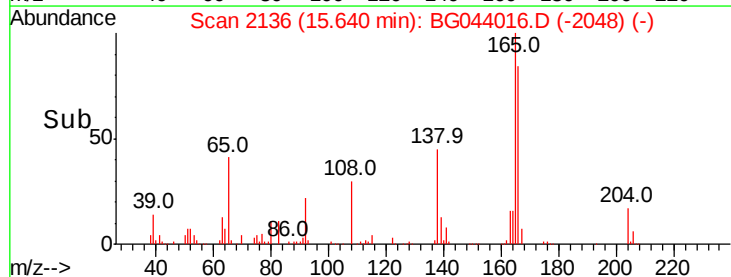
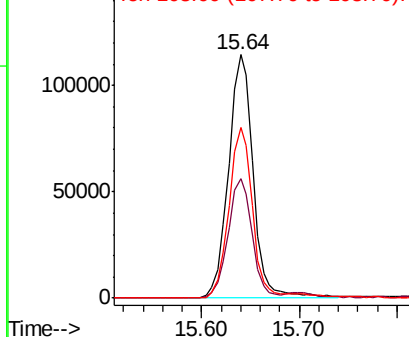


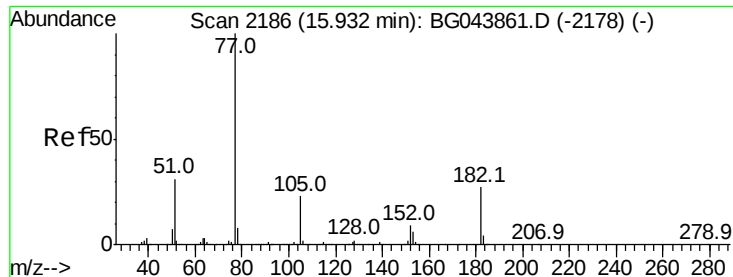
#62
4-Nitroaniline
Concen: 33.590 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG044016.D
Acq: 13 Jan 2020 17:42

Tgt Ion:138 Resp: 200771
Ion Ratio Lower Upper
138 100
92 49.1 34.3 74.3
108 70.3 55.0 95.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 36.374 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 795644

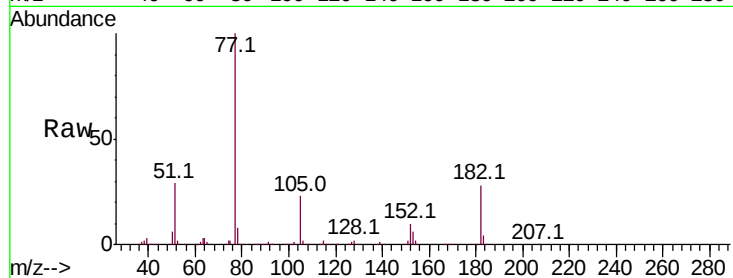
Ion Ratio Lower Upper

77 100

182 28.0 7.3 47.3

105 23.3 3.2 43.2

51 28.9 10.6 50.6

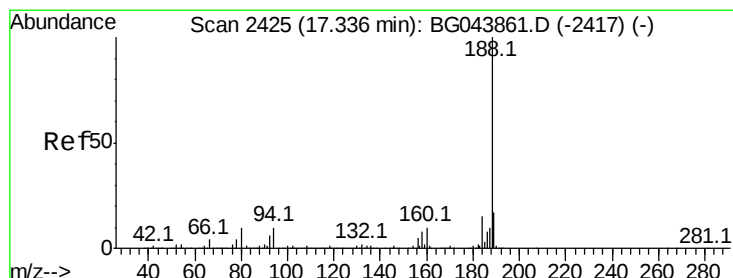
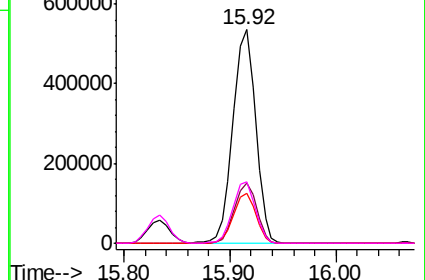
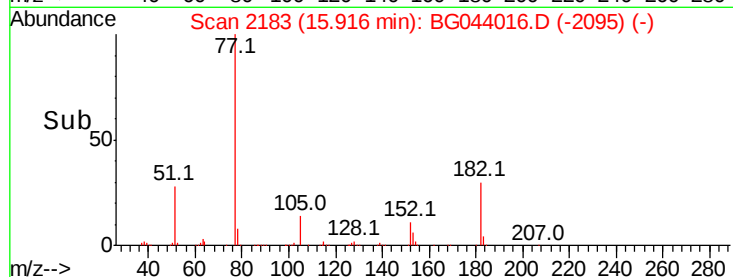


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

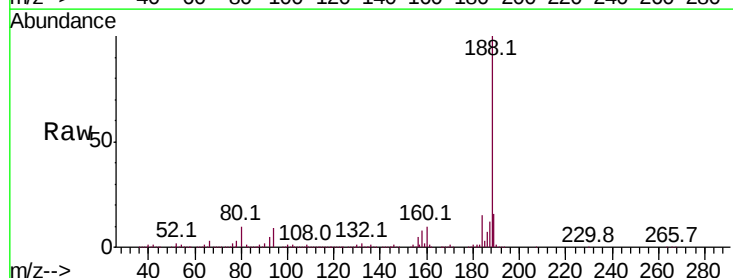
Tgt Ion: 188 Resp: 692605

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

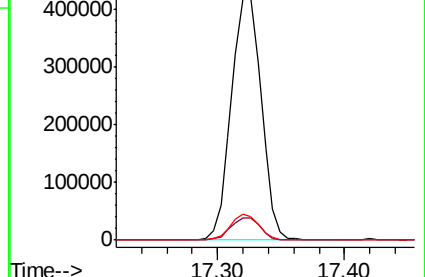
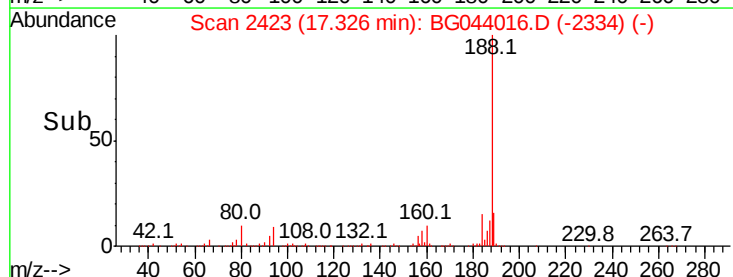
80 9.8 8.2 12.4

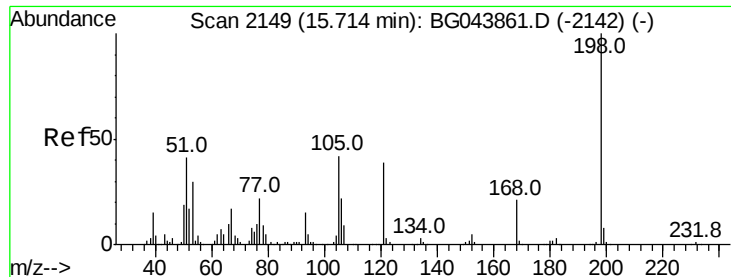


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 46.452 ng

RT: 15.70 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

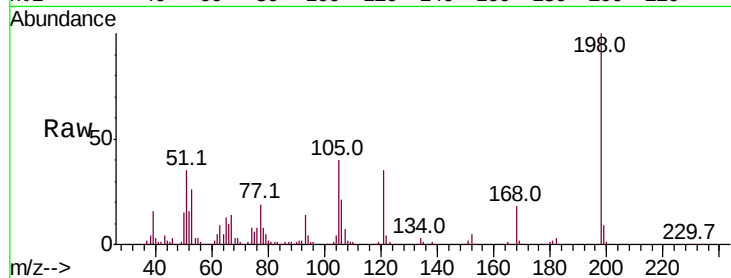
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 165208

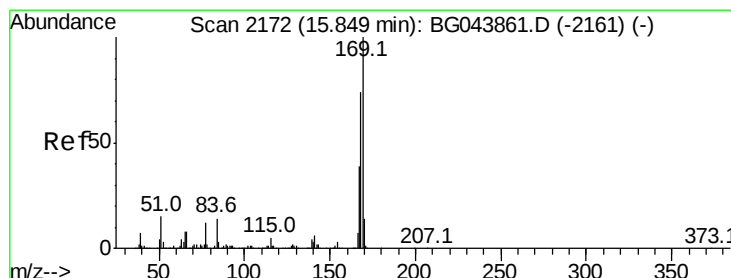
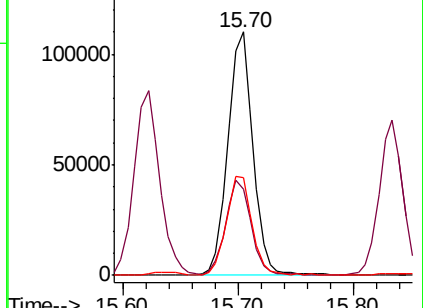
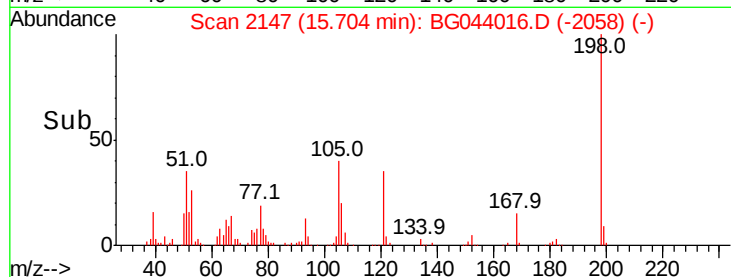
Ion	Ratio	Lower	Upper
198	100		
51	35.4	22.5	62.5
105	40.1	22.3	62.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.630 ng

RT: 15.83 min Scan# 2169

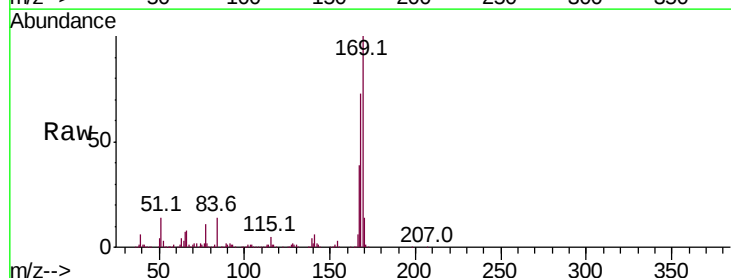
Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Tgt Ion:169 Resp: 747118

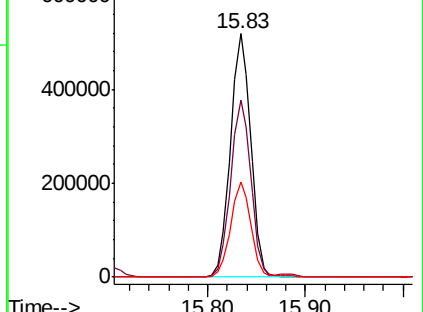
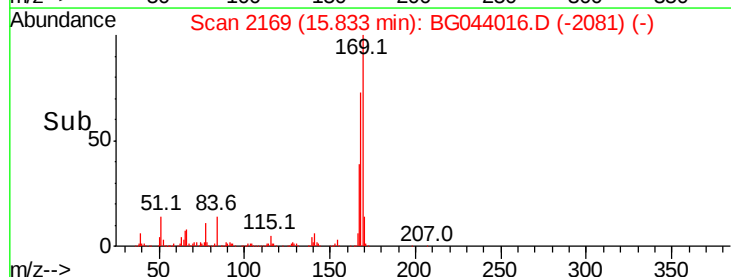
Ion	Ratio	Lower	Upper
169	100		
168	72.7	59.0	88.6
167	39.1	31.4	47.0

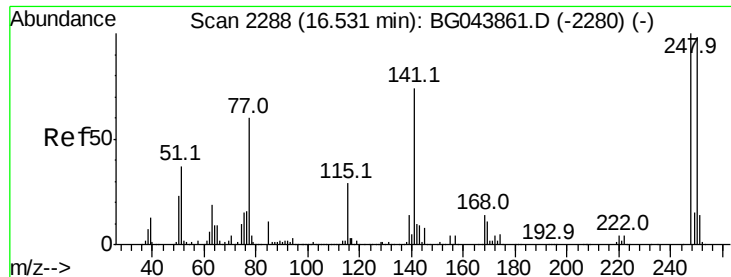


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

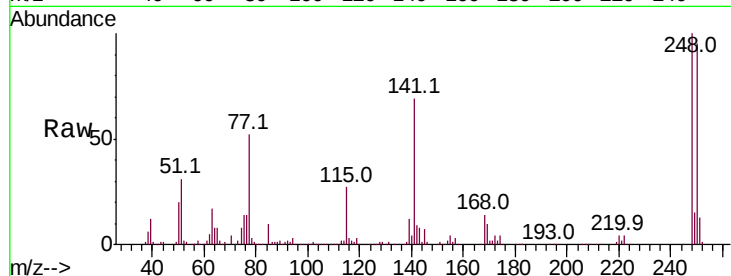




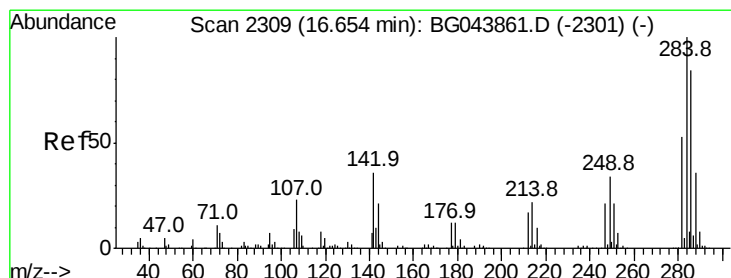
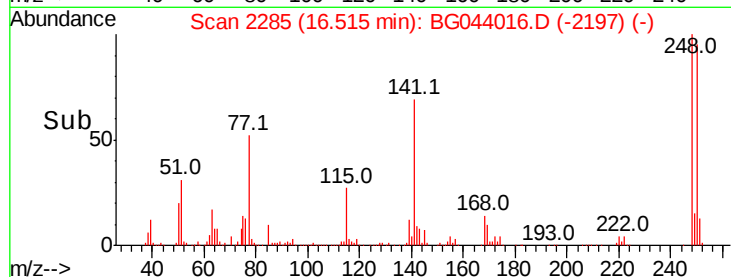
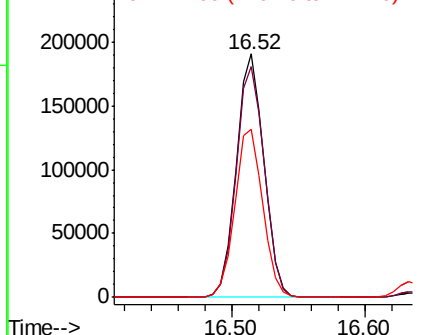
#67
 4-Bromophenyl-phenylether
 Concen: 34.952 ng
 RT: 16.52 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG044016.D
 Acq: 13 Jan 2020 17:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 272263
 Ion Ratio Lower Upper
 248 100
 250 94.6 78.2 117.2
 141 69.0 59.3 88.9

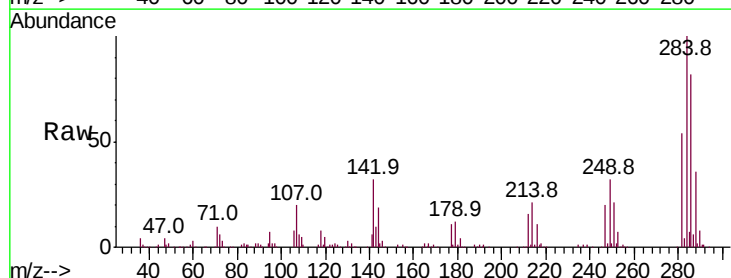


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

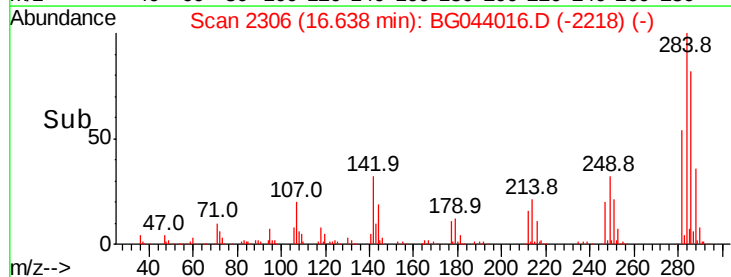
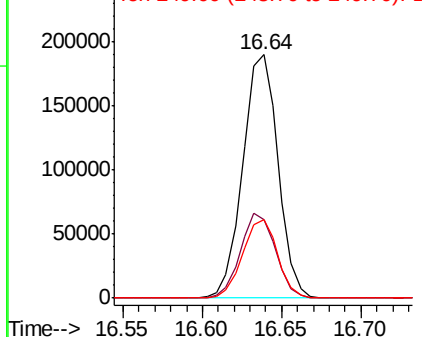


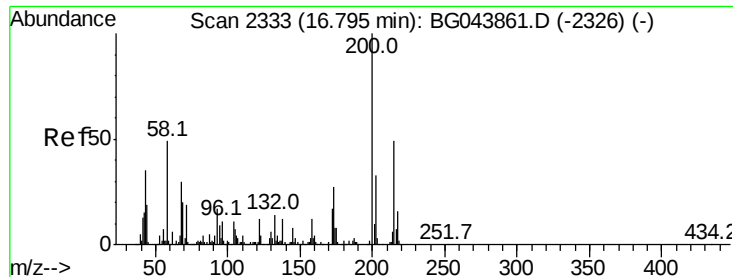
#68
 Hexachlorobenzene
 Concen: 34.859 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BG044016.D
 Acq: 13 Jan 2020 17:42

Tgt Ion:284 Resp: 292597
 Ion Ratio Lower Upper
 284 100
 142 32.5 28.6 43.0
 249 32.0 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.993 ng

RT: 16.79 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

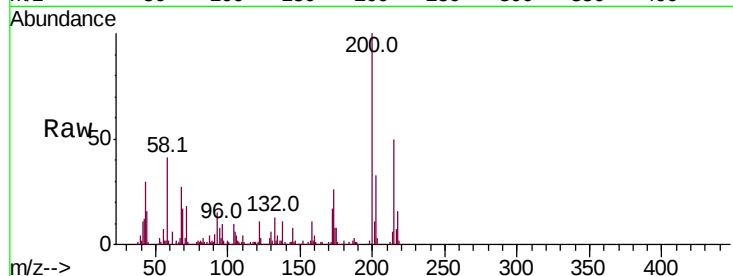
Tot Ion:200 Resp: 285038

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

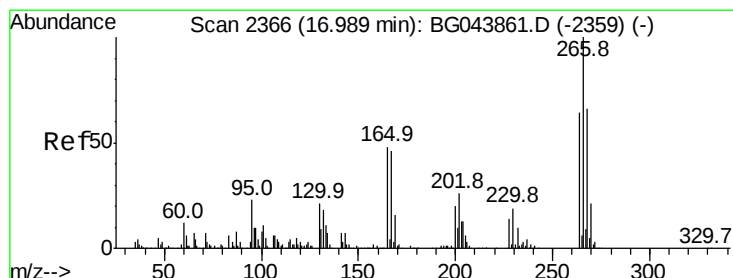
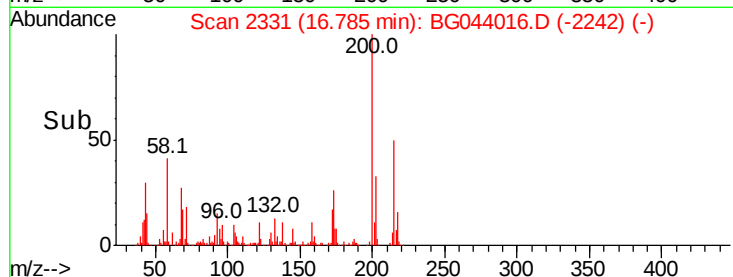
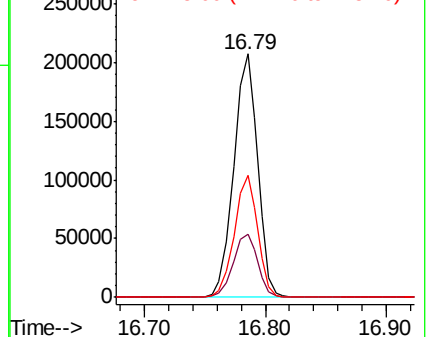
215 49.9 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.042 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

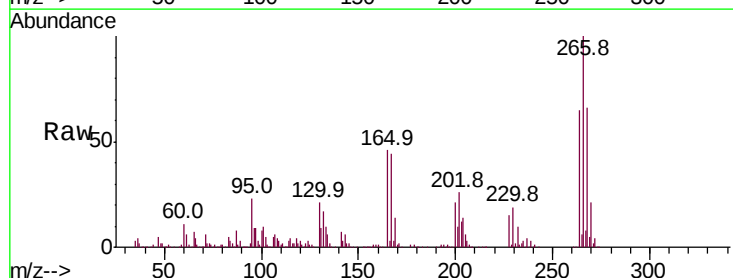
Tgt Ion:266 Resp: 351845

Ion Ratio Lower Upper

266 100

268 66.5 52.6 79.0

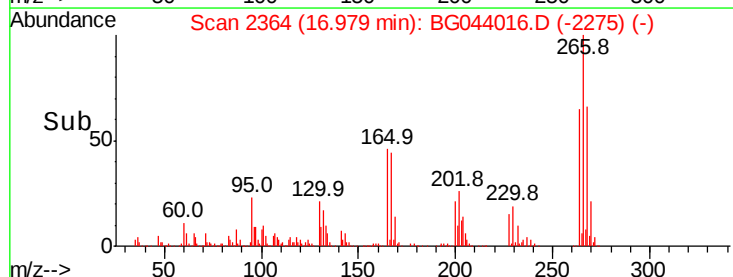
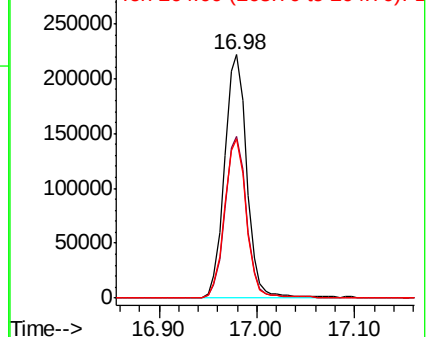
264 65.3 50.8 76.2

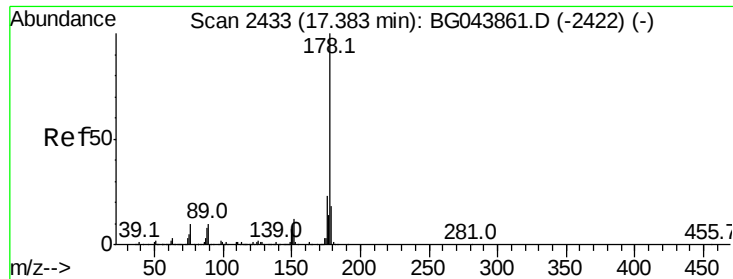


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.065 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

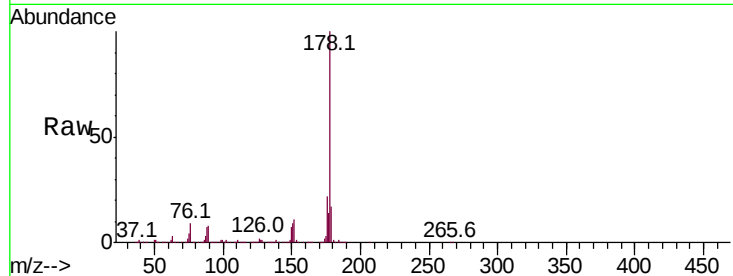
Tot Ion:178 Resp: 1264565

Ion Ratio Lower Upper

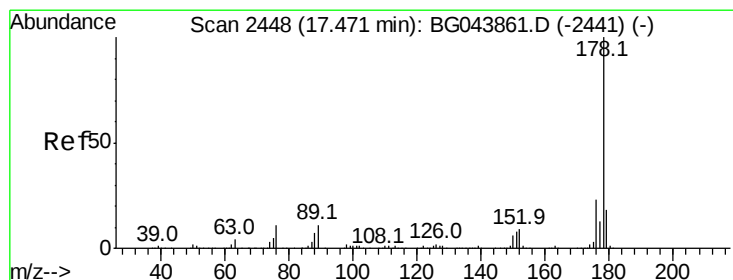
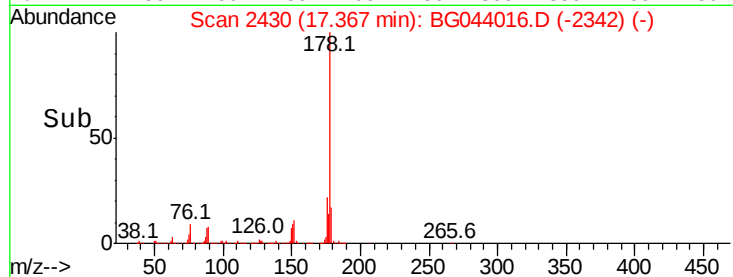
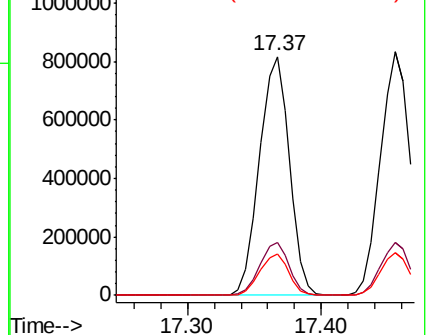
178 100

176 22.3 18.6 28.0

179 17.3 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.219 ng

RT: 17.46 min Scan# 2445

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

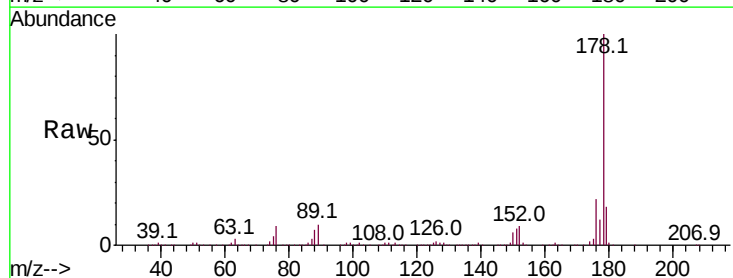
Tgt Ion:178 Resp: 1287613

Ion Ratio Lower Upper

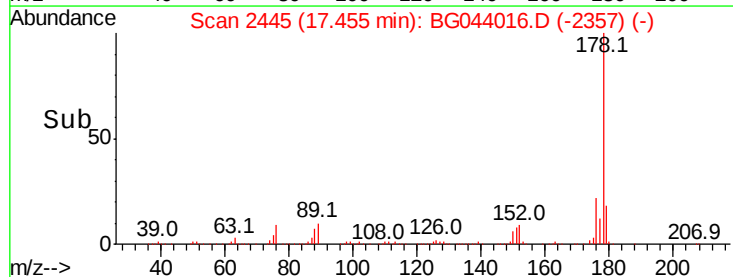
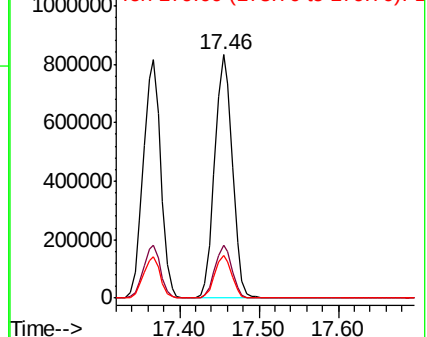
178 100

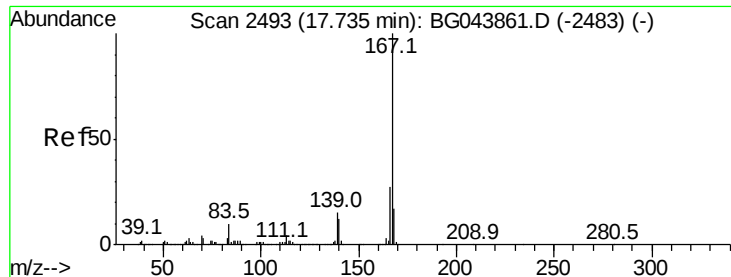
176 22.0 18.3 27.5

179 17.6 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.201 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

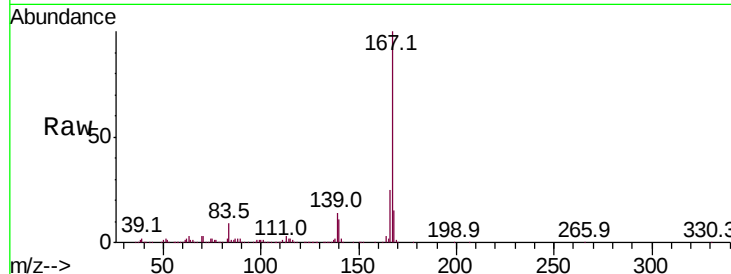
Tot Ion:167 Resp: 1188870

Ion Ratio Lower Upper

167 100

166 25.2 21.6 32.4

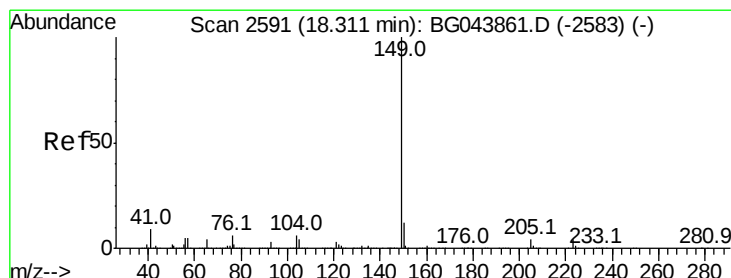
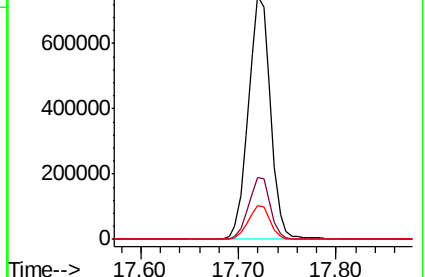
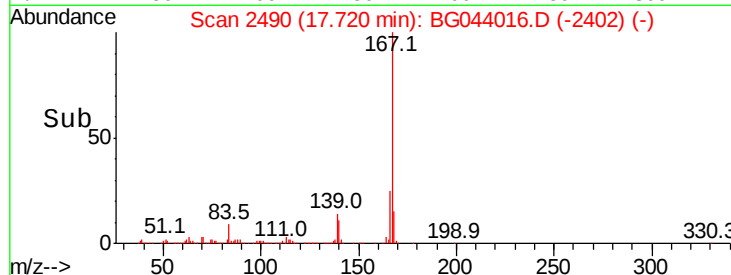
139 14.1 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.459 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

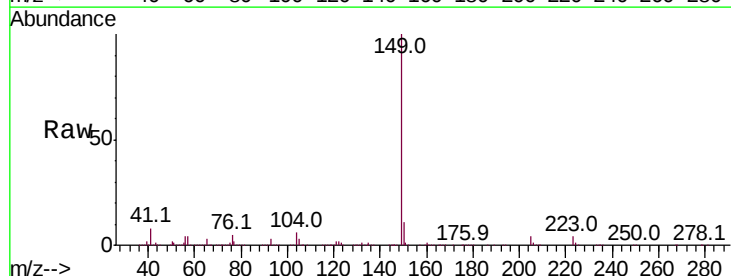
Tgt Ion:149 Resp: 1450432

Ion Ratio Lower Upper

149 100

150 11.0 9.7 14.5

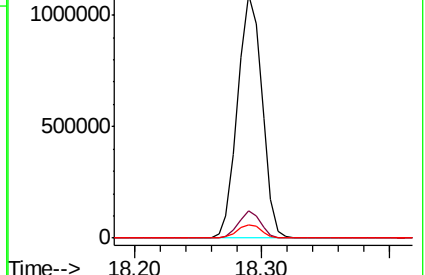
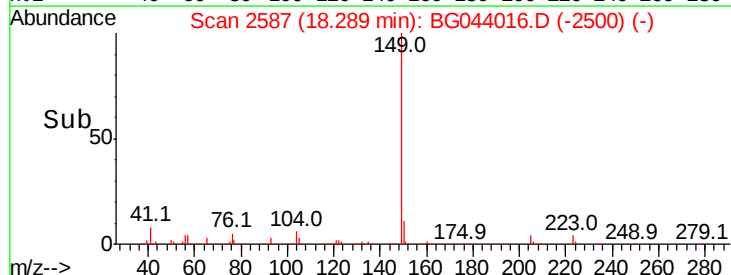
104 5.6 5.0 7.4

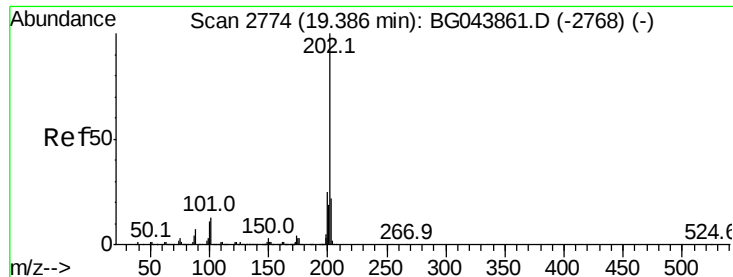


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.377 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampled :

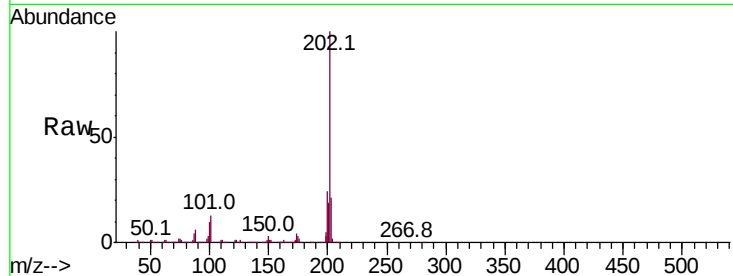
Tot Ion:202 Resp: 1458043

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.3

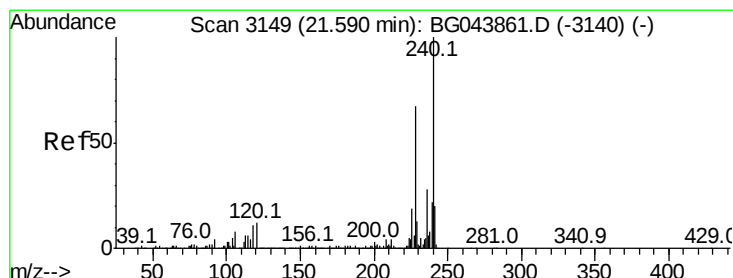
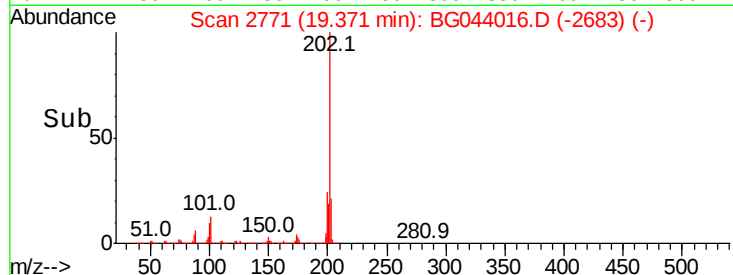
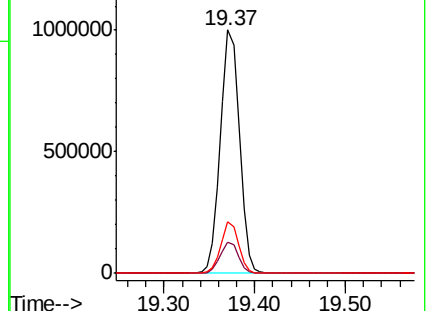
203 21.0 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

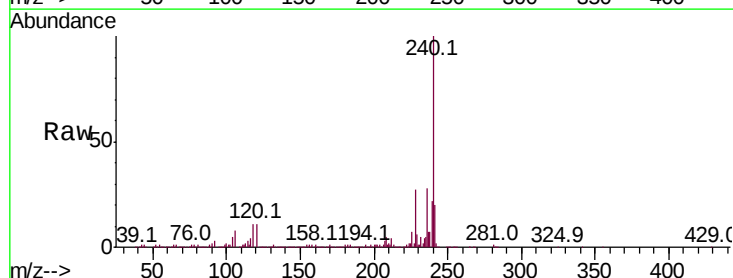
Tgt Ion:240 Resp: 605201

Ion Ratio Lower Upper

240 100

120 10.8 9.6 14.4

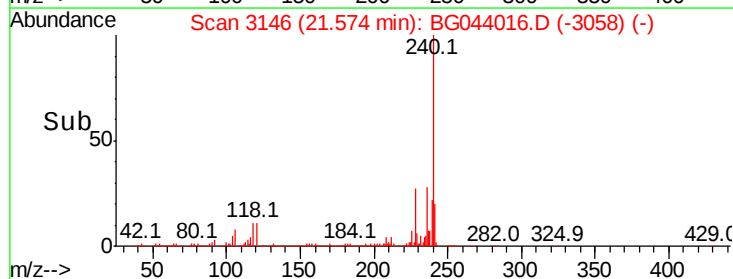
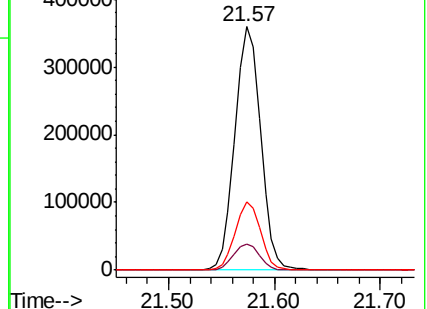
236 28.2 22.2 33.2

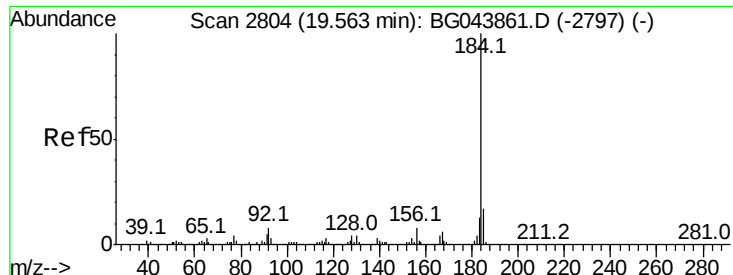


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.101 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

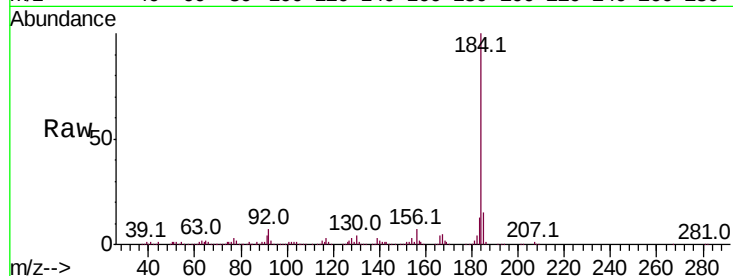
Tot Ion:184 Resp: 412264

Ion Ratio Lower Upper

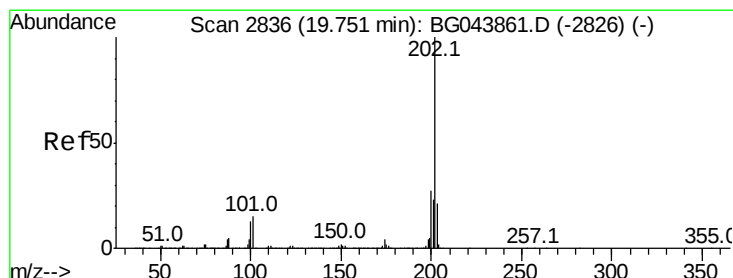
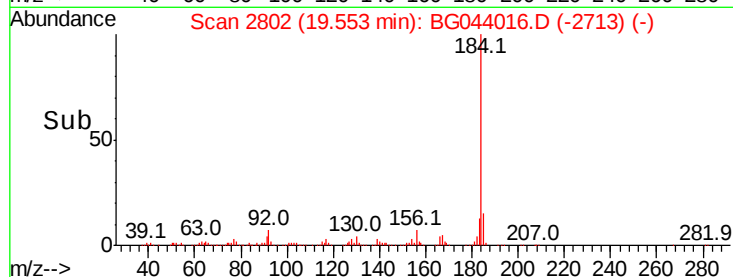
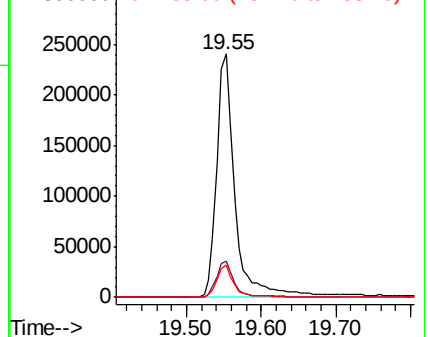
184 100

185 15.0 13.4 20.0

183 13.4 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.353 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

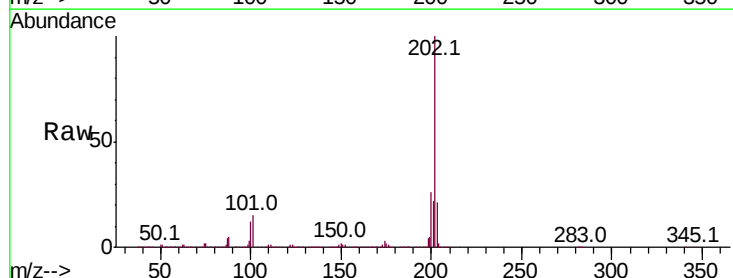
Tgt Ion:202 Resp: 1475601

Ion Ratio Lower Upper

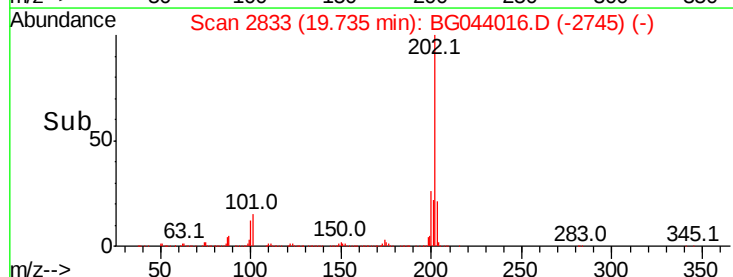
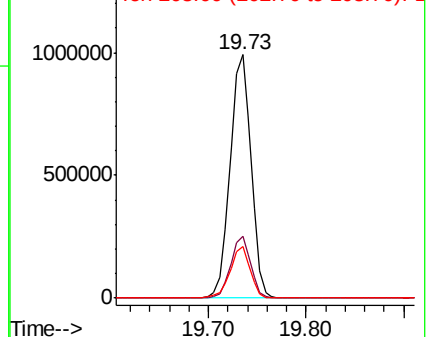
202 100

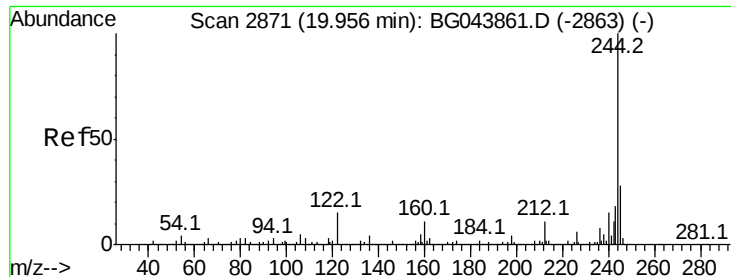
200 25.6 21.7 32.5

203 21.2 17.0 25.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.445 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

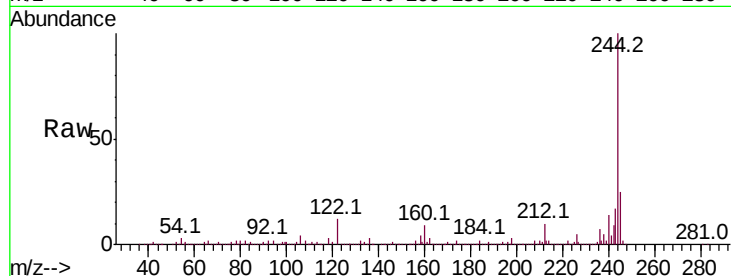
Tot Ion:244 Resp: 1952738

Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.6	13.0
122	12.4	11.9	17.9

244 100

212 9.7 8.6 13.0

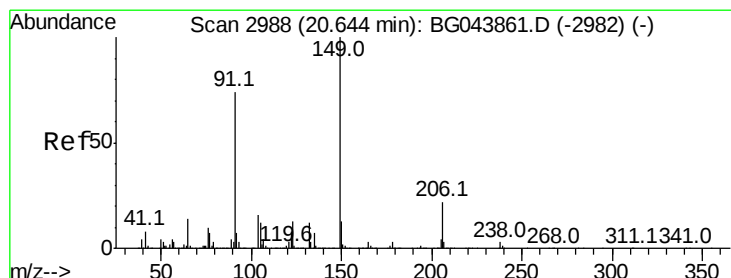
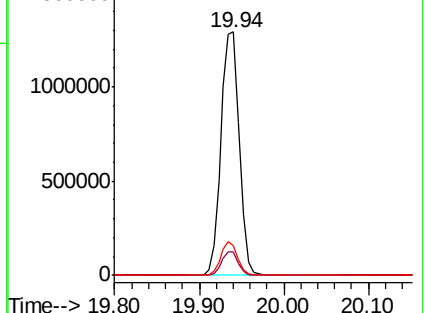
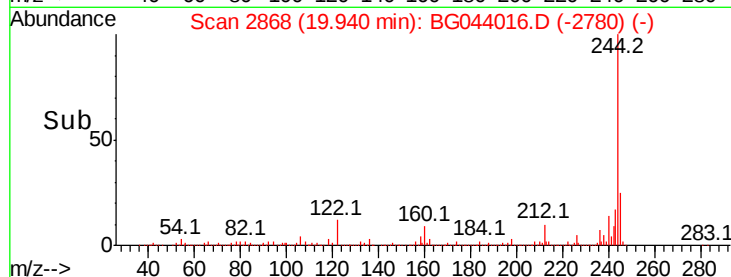
122 12.4 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.331 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

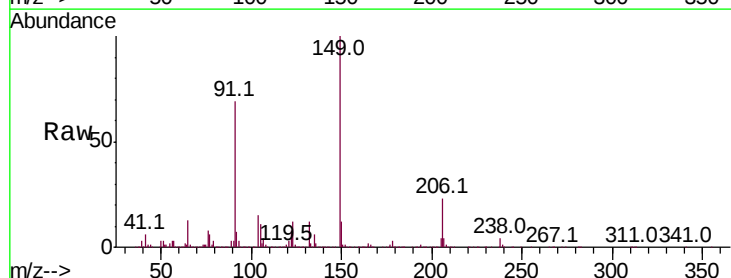
Tgt Ion:149 Resp: 683300

Ion	Ratio	Lower	Upper
149	100		
91	68.9	59.5	89.3
206	23.4	17.8	26.6

149 100

91 68.9 59.5 89.3

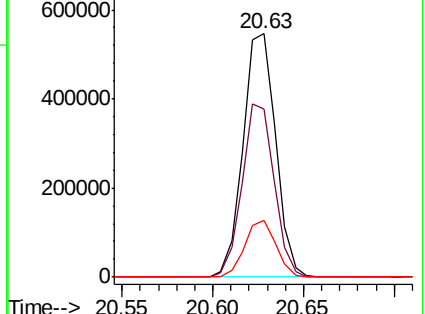
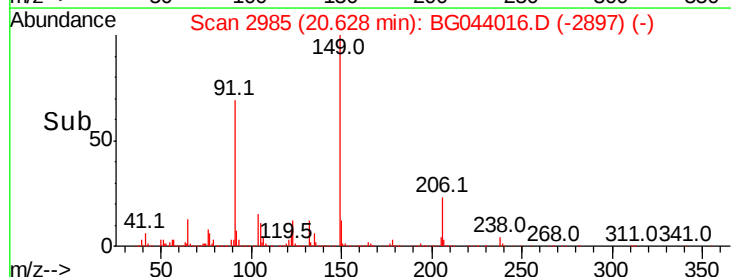
206 23.4 17.8 26.6

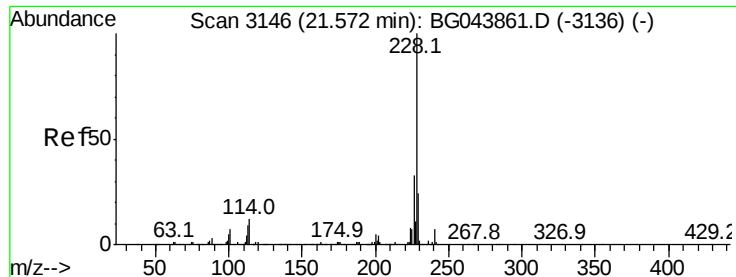


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.897 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampled :

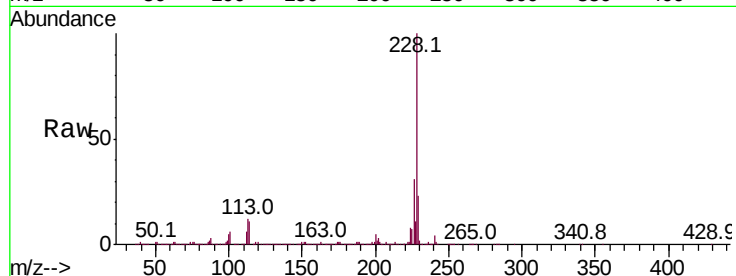
Tot Ion:228 Resp: 1422158

Ion Ratio Lower Upper

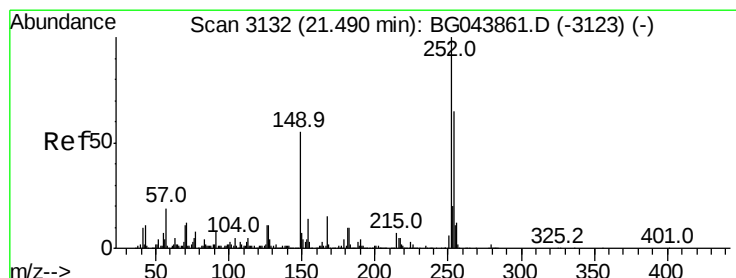
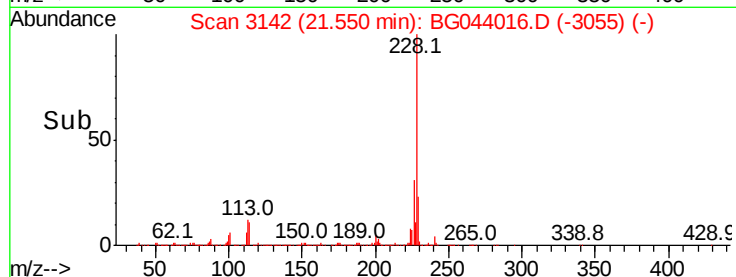
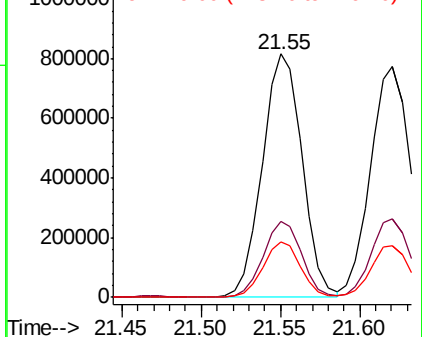
228 100

226 31.3 26.2 39.4

229 22.6 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.287 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

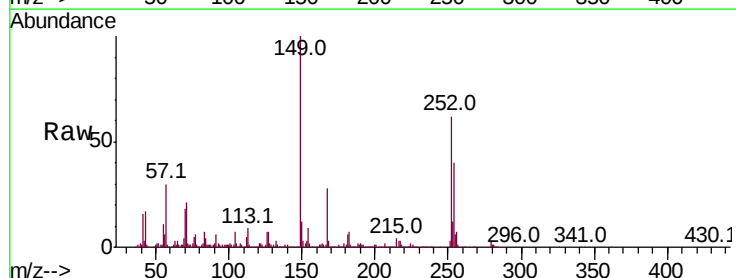
Tgt Ion:252 Resp: 434210

Ion Ratio Lower Upper

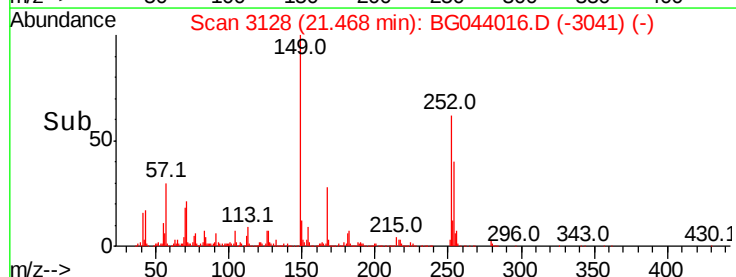
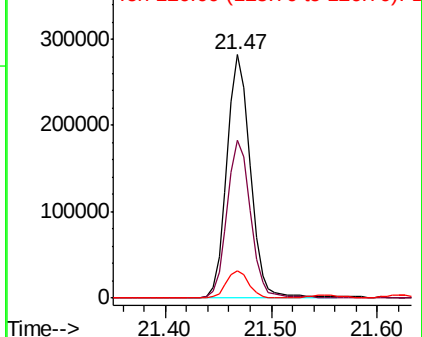
252 100

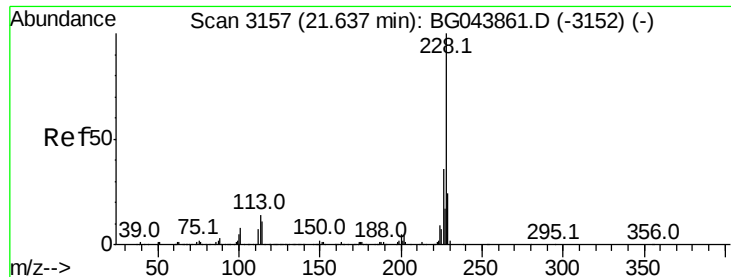
254 64.8 52.1 78.1

126 11.4 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.509 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

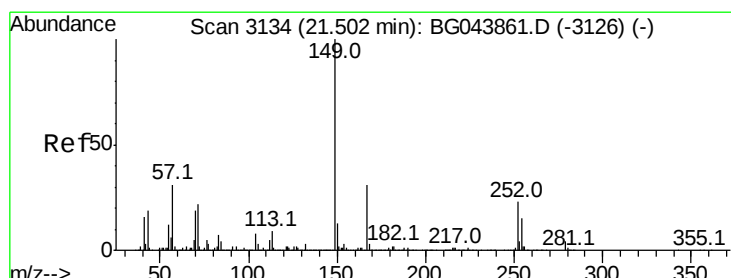
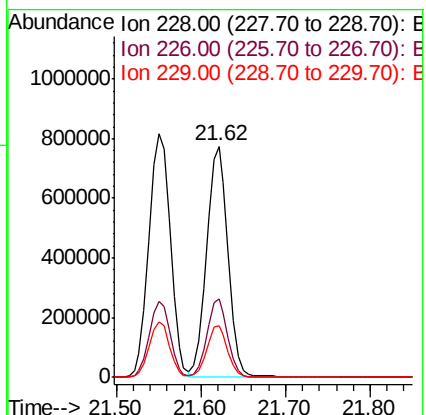
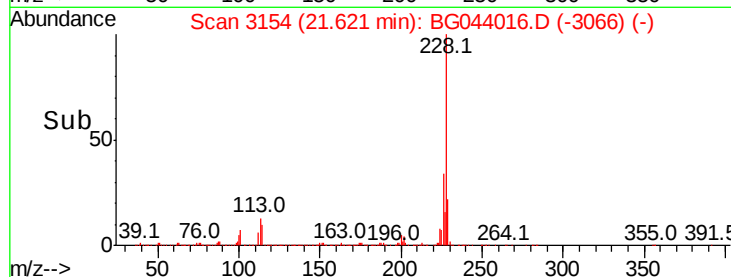
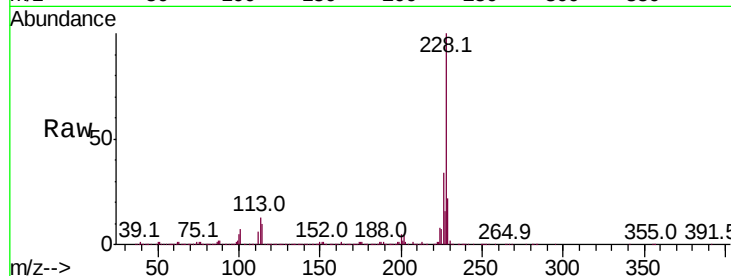
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1373134

Ion	Ratio	Lower	Upper
228	100		
226	33.7	28.8	43.2
229	22.0	19.0	28.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.256 ng

RT: 21.48 min Scan# 3130

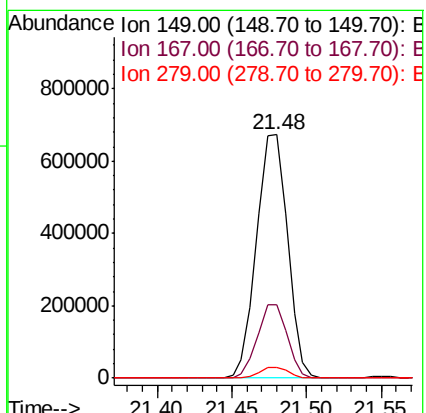
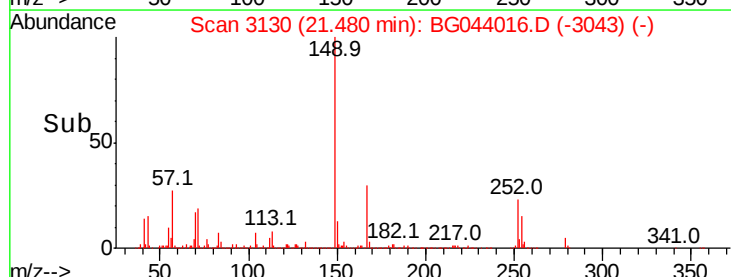
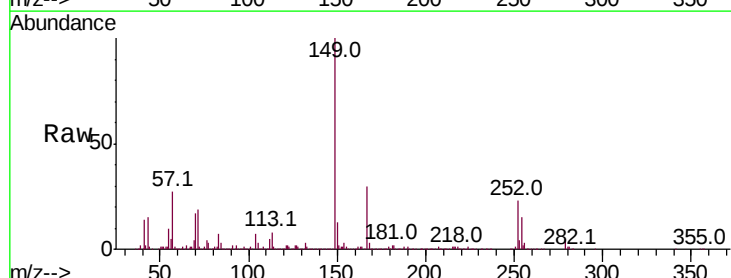
Delta R.T. -0.02 min

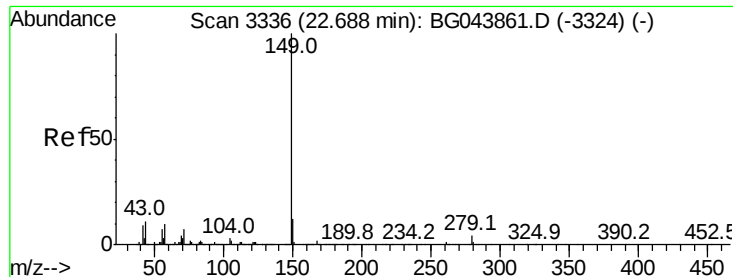
Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Tgt Ion:149 Resp: 966824

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.7	37.1
279	4.6	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 38.332 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.03 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

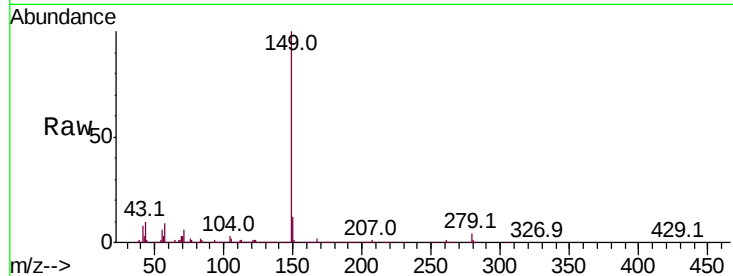
Tot Ion:149 Resp: 1672312

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

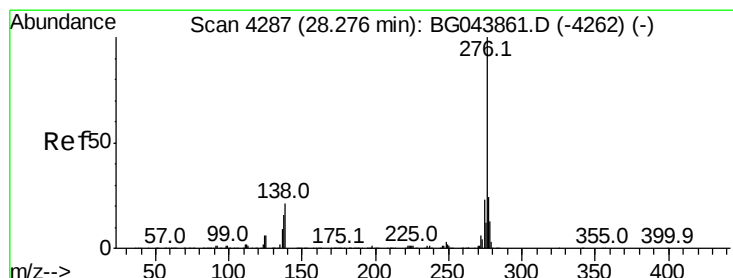
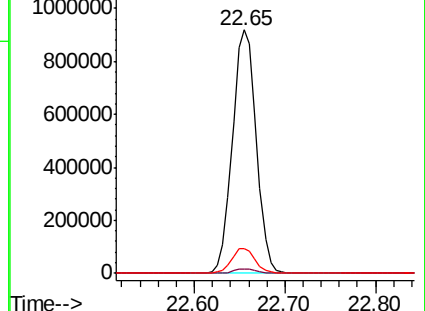
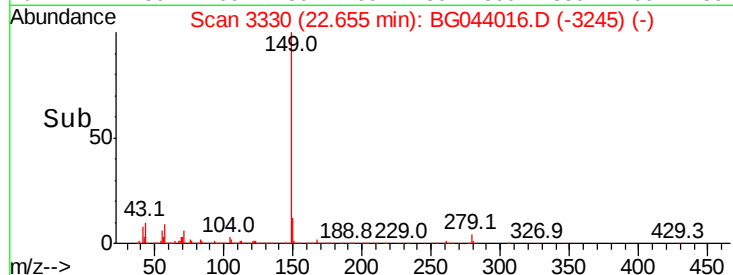
43 9.9 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.942 ng

RT: 28.23 min Scan# 4279

Delta R.T. -0.05 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

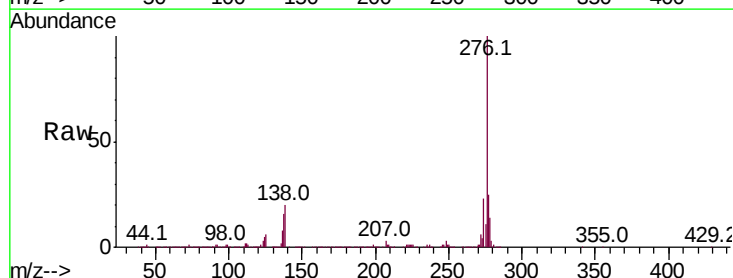
Tgt Ion:276 Resp: 1741722

Ion Ratio Lower Upper

276 100

138 17.8 21.0 31.4#

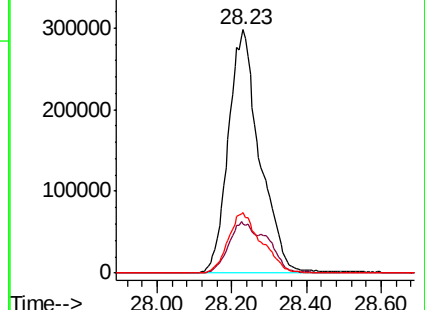
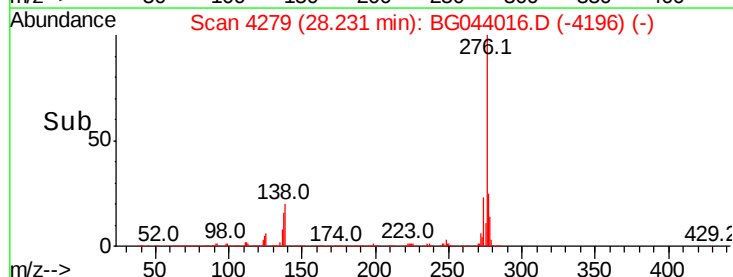
277 26.2 21.1 31.7

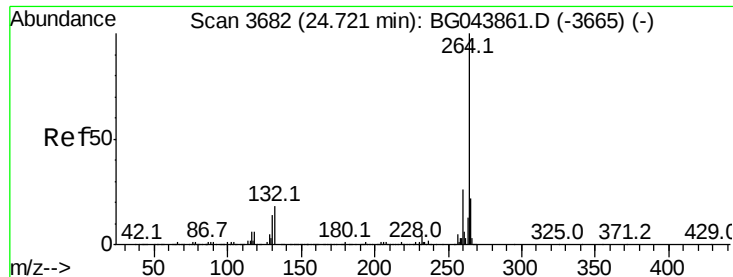


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.69 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampled :

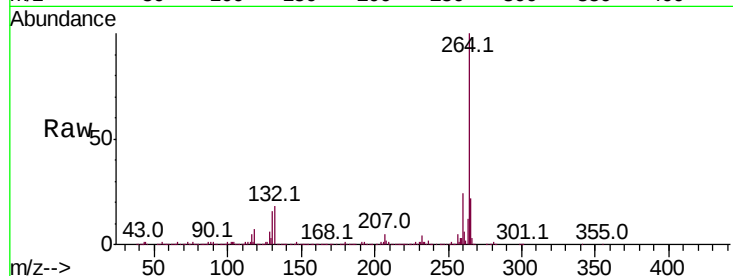
Tot Ion:264 Resp: 564203

Ion Ratio Lower Upper

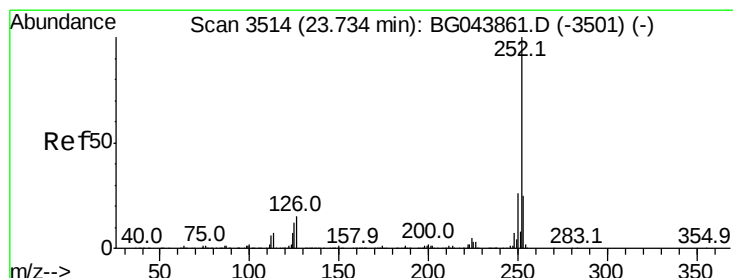
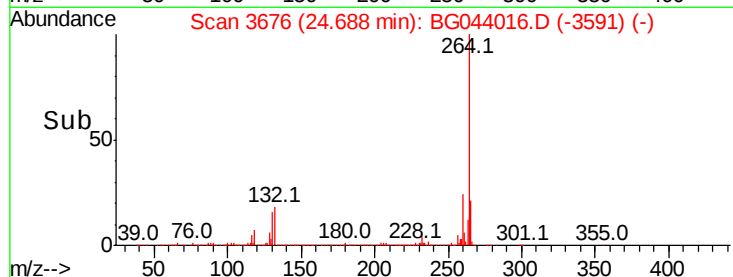
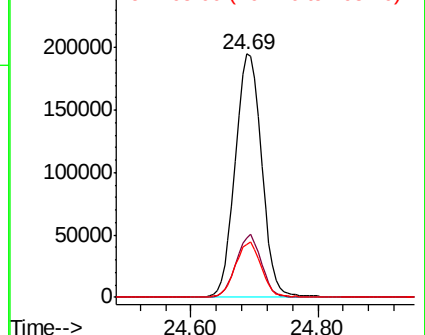
264 100

260 24.3 20.4 30.6

265 21.6 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.725 ng

RT: 23.70 min Scan# 3508

Delta R.T. -0.03 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

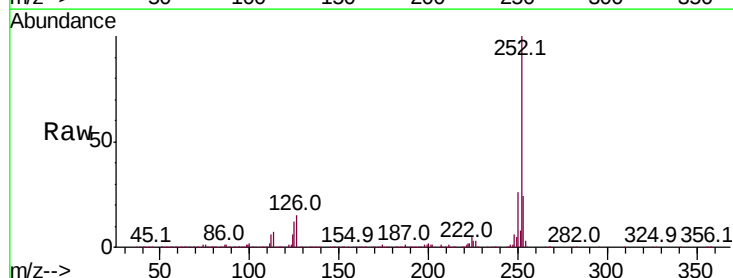
Tgt Ion:252 Resp: 1491785

Ion Ratio Lower Upper

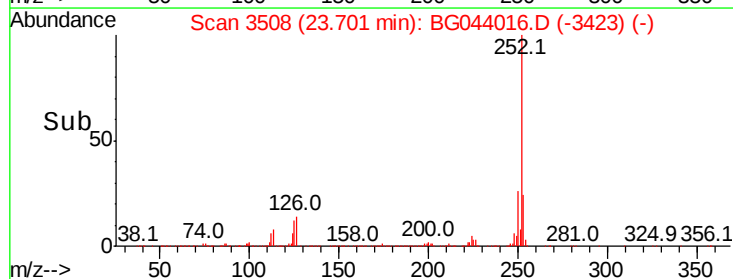
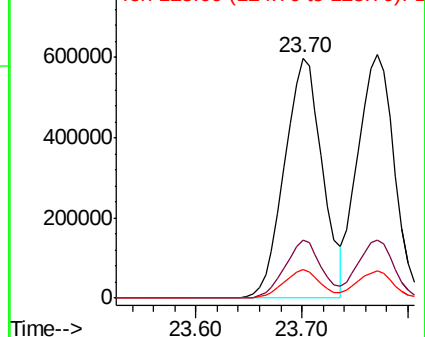
252 100

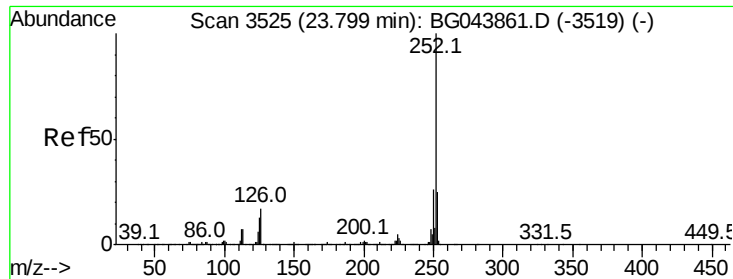
253 24.2 19.7 29.5

125 11.8 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.985 ng

RT: 23.77 min Scan# 3520

Delta R.T. -0.03 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Instrument :

BNA_G

ClientSampleId :

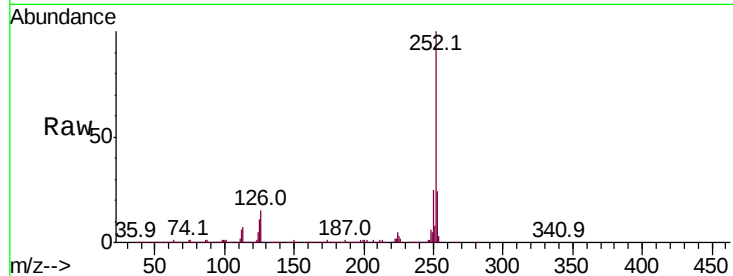
Tot Ion:252 Resp: 1458530

Ion Ratio Lower Upper

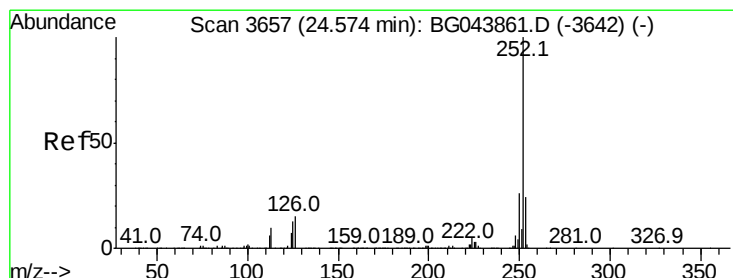
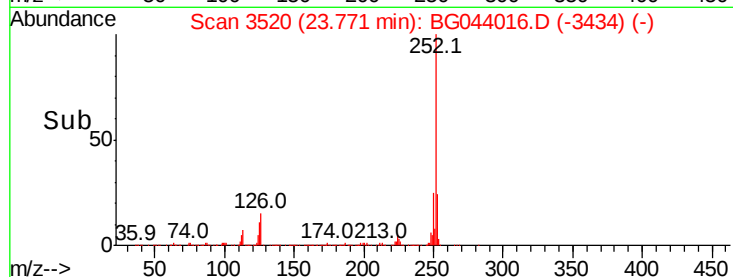
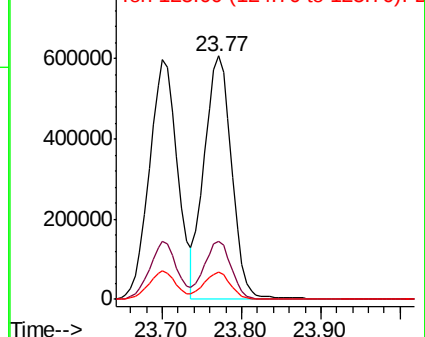
252 100

253 23.7 19.4 29.2

125 11.4 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.271 ng

RT: 24.55 min Scan# 3652

Delta R.T. -0.03 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

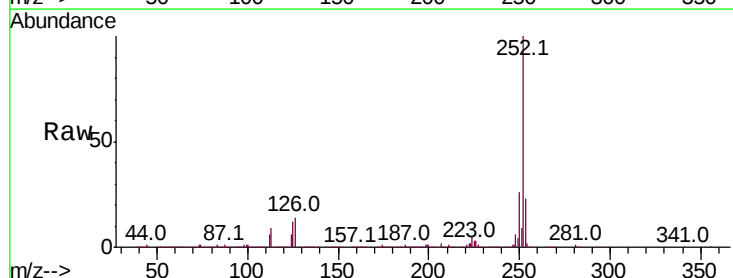
Tgt Ion:252 Resp: 1362202

Ion Ratio Lower Upper

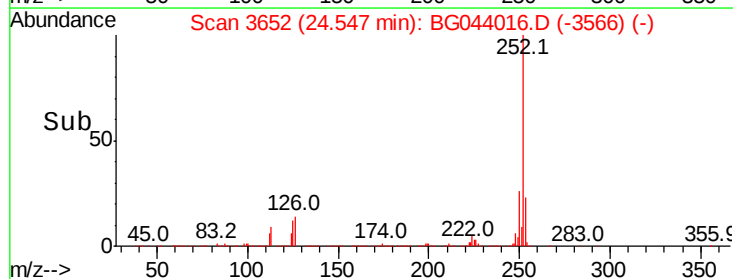
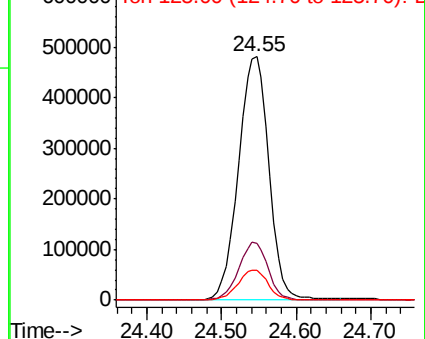
252 100

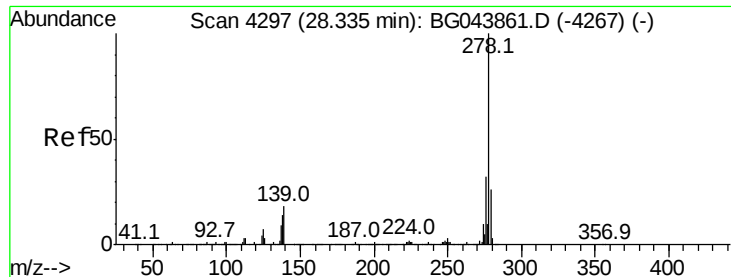
253 23.1 19.3 28.9

125 12.2 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.557 ng

RT: 28.29 min Scan# 4289

Delta R.T. -0.05 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

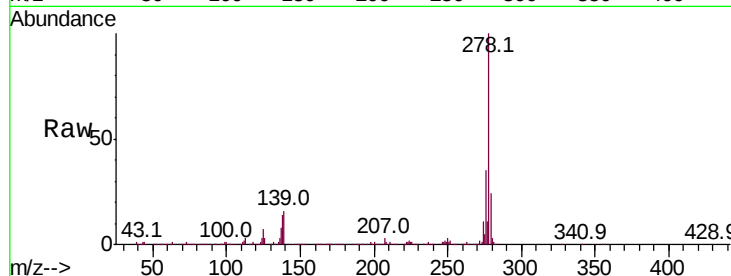
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1440324

Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.2	21.4
279	23.8	20.6	30.8

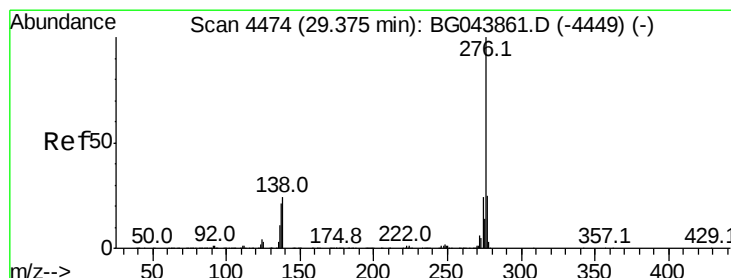
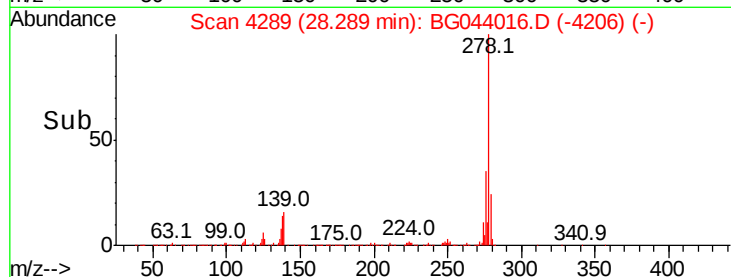
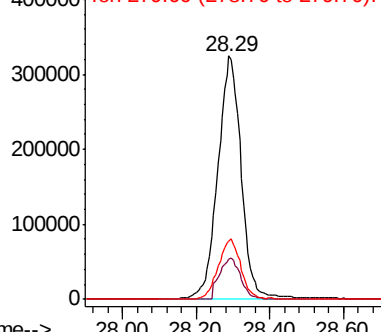


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.593 ng

RT: 29.35 min Scan# 4469

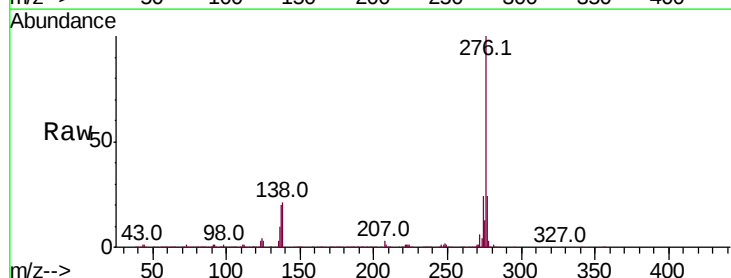
Delta R.T. -0.03 min

Lab File: BG044016.D

Acq: 13 Jan 2020 17:42

Tgt Ion:276 Resp: 1463229

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.2	30.4
138	21.1	19.0	28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

