

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044017.D
 Acq On : 13 Jan 2020 18:21
 Operator : JU
 Sample : PB126034BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 14 10:15:14 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	106737	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	450190	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	294738	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	631399	20.00	ng	-0.01
76) Chrysene-d12	21.58	240	551134	20.00	ng	-0.01
87) Perylene-d12	24.72	264	536501	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	805632	138.59	ng	-0.01
7) Phenol-d6	7.12	99	1043404	128.41	ng	0.00
23) Nitrobenzene-d5	9.10	82	653170	77.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	404164	131.04	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1432334	88.05	ng	-0.02
79) Terphenyl-d14	19.94	244	2060957	92.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	120262	47.447	ng	98
3) Pyridine	3.81	79	284200	37.955	ng	95
4) n-Nitrosodimethylamine	3.73	42	141002	42.296	ng	96
6) Aniline	7.27	93	375388	35.172	ng	96
8) 2-Chlorophenol	7.52	128	343191	50.288	ng	97
9) Benzaldehyde	7.08	77	184115	35.402	ng	98
10) Phenol	7.15	94	423761	50.616	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	322811	44.669	ng	99
12) 1,3-Dichlorobenzene	7.84	146	359180	44.975	ng	99
13) 1,4-Dichlorobenzene	7.98	146	362476	46.001	ng	98
14) 1,2-Dichlorobenzene	8.30	146	342784	45.322	ng	98
15) Benzyl Alcohol	8.18	79	291903	45.517	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	433966	38.814	ng	99
17) 2-Methylphenol	8.39	107	297839	49.160	ng	98
18) Hexachloroethane	9.03	117	133084	43.405	ng	95
19) n-Nitroso-di-n-propylamine	8.75	70	251661	41.587	ng	97
20) 3+4-Methylphenols	8.72	107	410881	48.614	ng	100
22) Acetophenone	8.76	105	468974	41.902	ng	99
24) Nitrobenzene	9.15	77	354466	42.528	ng	98
25) Isophorone	9.67	82	682729	43.243	ng	98
26) 2-Nitrophenol	9.86	139	195049	49.463	ng	97
27) 2,4-Dimethylphenol	9.92	122	328636	55.364	ng	98
28) bis(2-Chloroethoxy)methane	10.15	93	438119	41.624	ng	99
29) 2,4-Dichlorophenol	10.40	162	346937	48.999	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	338866	42.684	ng	98
31) Naphthalene	10.80	128	995613	45.701	ng	99
32) Benzoic acid	10.07	122	186814	39.866	ng	94
33) 4-Chloroaniline	10.90	127	237366	22.844	ng	97
34) Hexachlorobutadiene	11.10	225	199117	41.079	ng	97
35) Caprolactam	11.67	113	83464	31.665	ng	98
36) 4-Chloro-3-methylphenol	12.03	107	357440	47.421	ng	97
37) 2-Methylnaphthalene	12.41	142	738702	45.039	ng	97
38) 1-Methylnaphthalene	12.62	142	699823	45.020	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	354362	41.020	ng	99

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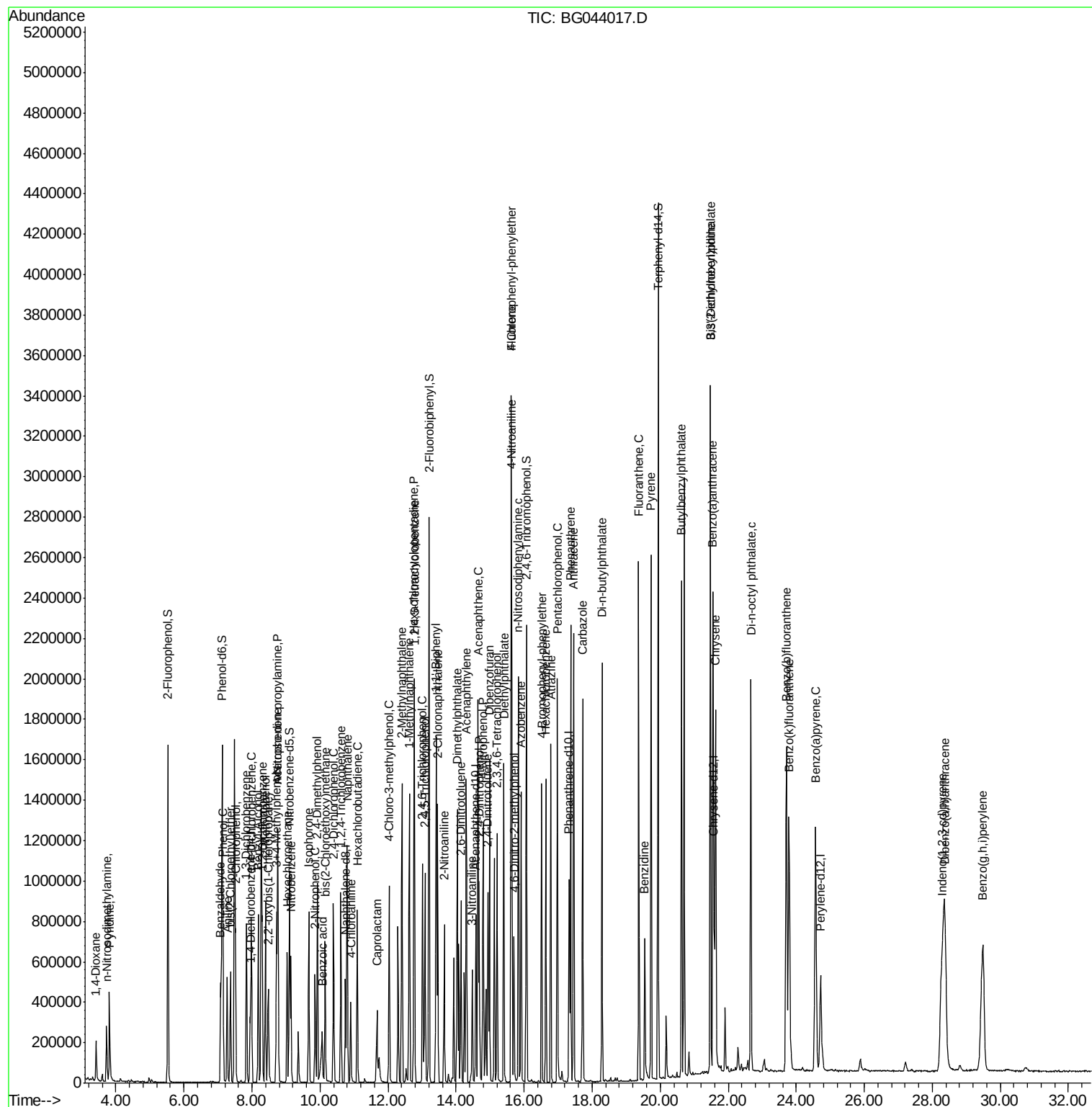
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	425455	94.996	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	273538	46.018	ng	96
44) 2,4,5-Trichlorophenol	13.09	196	291737	47.586	ng	98
46) 1,1'-Biphenyl	13.41	154	918646	43.471	ng	100
47) 2-Chloronaphthalene	13.45	162	730841	42.799	ng	98
48) 2-Nitroaniline	13.65	65	224479	40.867	ng	95
49) Acenaphthylene	14.30	152	1144981	46.651	ng	99
50) Dimethylphthalate	14.03	163	932664	44.566	ng	99
51) 2,6-Dinitrotoluene	14.15	165	216147	45.696	ng	99
52) Acenaphthene	14.65	154	717526	41.687	ng	99
53) 3-Nitroaniline	14.47	138	161629	30.090	ng	98
54) 2,4-Dinitrophenol	14.69	184	245597	100.415	ng	93
55) Dibenzofuran	14.98	168	1101123	46.472	ng	98
56) 4-Nitrophenol	14.79	139	406910	98.856	ng	94
57) 2,4-Dinitrotoluene	14.93	165	300134	46.632	ng	98
58) Fluorene	15.63	166	858772	45.727	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	255201	48.409	ng	97
60) Diethylphthalate	15.40	149	936856	44.758	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	451428	44.268	ng	97
62) 4-Nitroaniline	15.64	138	215984	40.718	ng	95
63) Azobenzene	15.91	77	854853	44.038	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	181609	55.110	ng	95
66) n-Nitrosodiphenylamine	15.83	169	809397	43.530	ng	100
67) 4-Bromophenyl-phenylether	16.51	248	294187	41.427	ng	98
68) Hexachlorobenzene	16.64	284	317749	41.526	ng	98
69) Atrazine	16.78	200	309891	51.273	ng	100
70) Pentachlorophenol	16.98	266	385144	91.307	ng	100
71) Phenanthrene	17.37	178	1348914	44.541	ng	100
72) Anthracene	17.45	178	1383708	46.231	ng	99
73) Carbazole	17.72	167	1269979	45.935	ng	98
74) Di-n-butylphthalate	18.29	149	1566120	44.368	ng	98
75) Fluoranthene	19.37	202	1556923	44.952	ng	98
77) Benzidine	19.55	184	505693	36.504	ng	97
78) Pyrene	19.73	202	1581261	43.955	ng	99
80) Butylbenzylphthalate	20.63	149	734506	42.885	ng	95
81) Benzo(a)anthracene	21.55	228	1488258	43.549	ng	98
82) 3,3'-Dichlorobenzidine	21.47	252	462865	34.283	ng	99
83) Chrysene	21.63	228	1496446	46.084	ng	96
84) Bis(2-ethylhexyl)phthalate	21.48	149	1022356	43.261	ng	98
85) Di-n-octyl phthalate	22.67	149	1787170	44.983	ng	97
86) Indeno(1,2,3-cd)pyrene	28.29	276	953619	21.609	ng	# 50
88) Benzo(b)fluoranthene	23.71	252	1568256	49.446	ng	99
89) Benzo(k)fluoranthene	23.79	252	1590412	52.732	ng	99
90) Benzo(a)pyrene	24.57	252	1460395	48.786	ng	99
91) Dibenzo(a,h)anthracene	28.37	278	1535220	51.066	ng	97
92) Benzo(g,h,i)perylene	29.48	276	1554859	52.067	ng	98

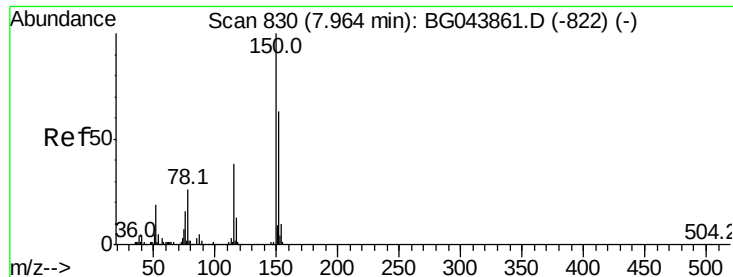
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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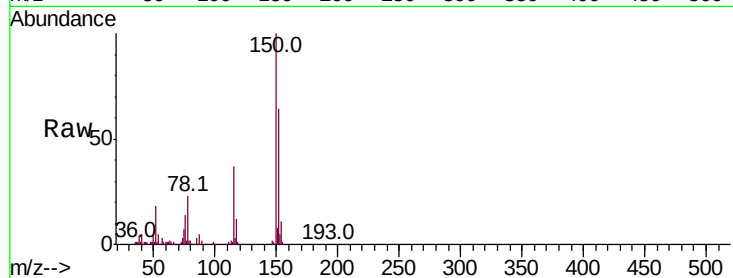


#1

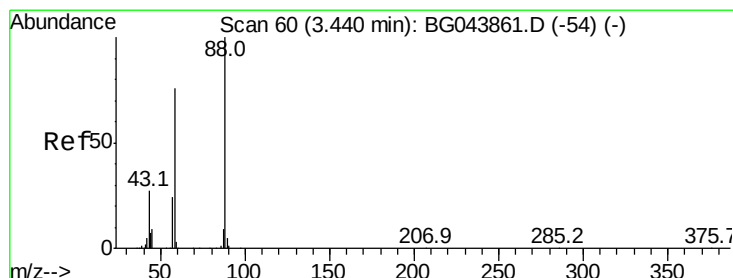
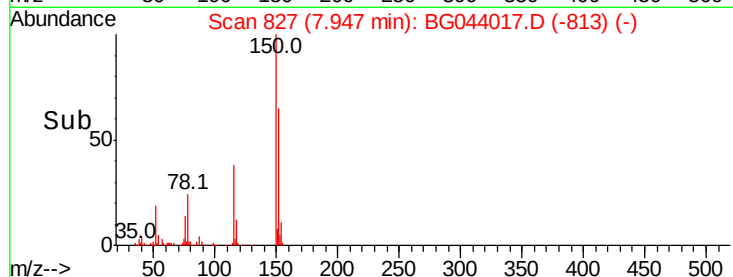
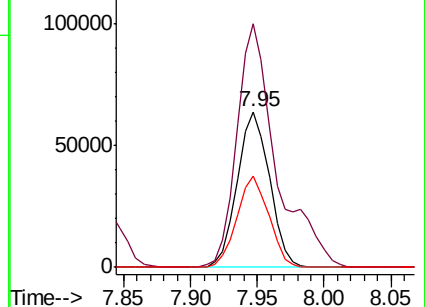
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.0	190.4
115	58.2	47.8	71.8



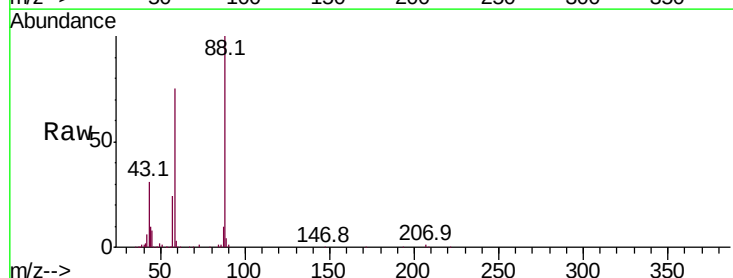
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



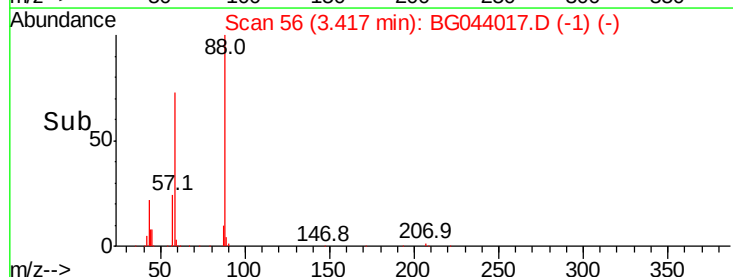
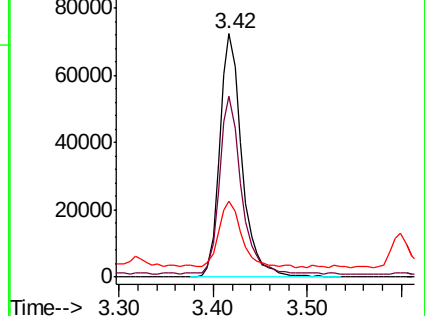
#2

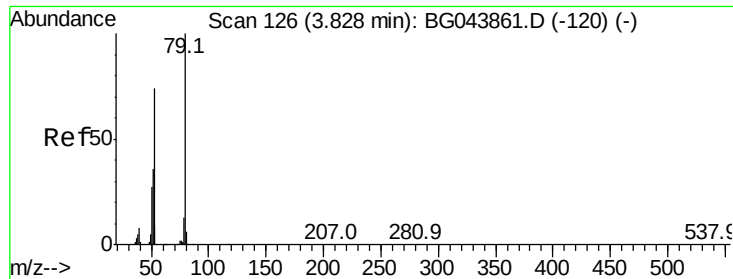
1,4-Dioxane
Concen: 47.447 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	59.8	89.8
43	28.7	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: 37.955 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

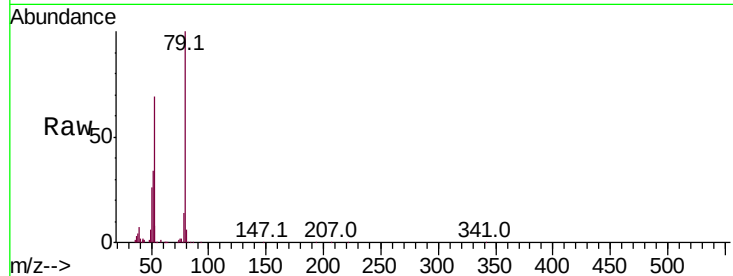
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 284200

Ion	Ratio	Lower	Upper
79	100		
52	68.6	58.9	88.3
51	34.0	28.6	43.0

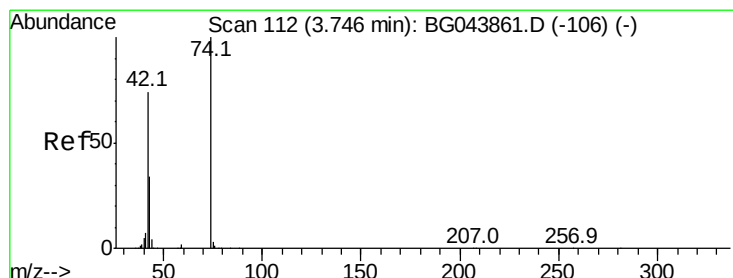
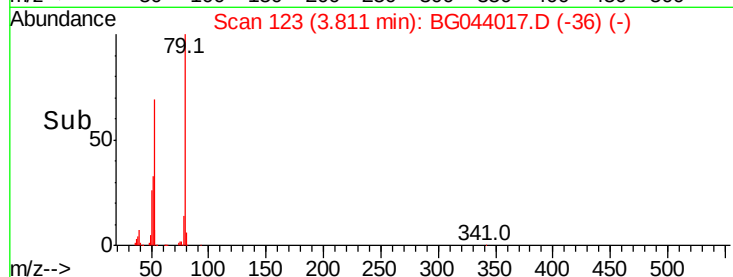
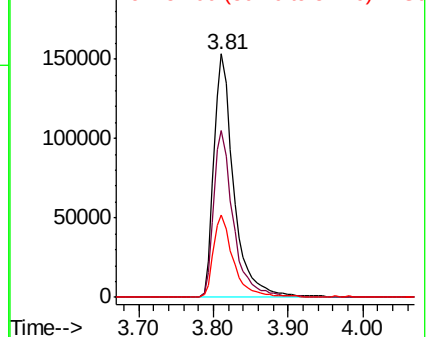


Abundance

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: 42.296 ng

RT: 3.73 min Scan# 109

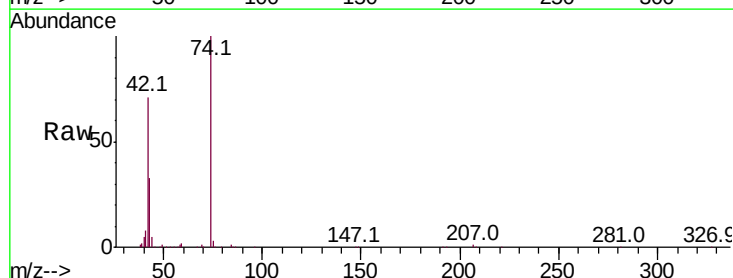
Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion: 42 Resp: 141002

Ion	Ratio	Lower	Upper
42	100		
74	140.6	108.6	162.8
44	6.8	5.0	7.6

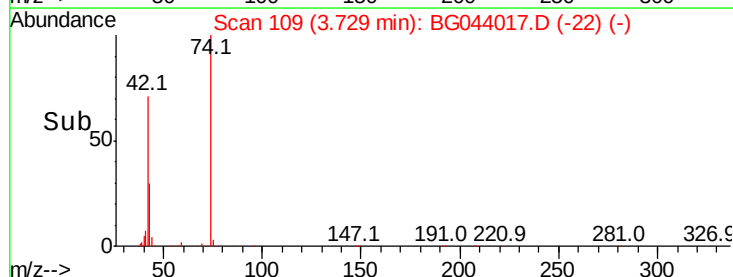
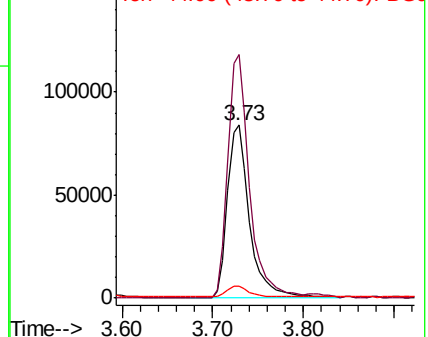


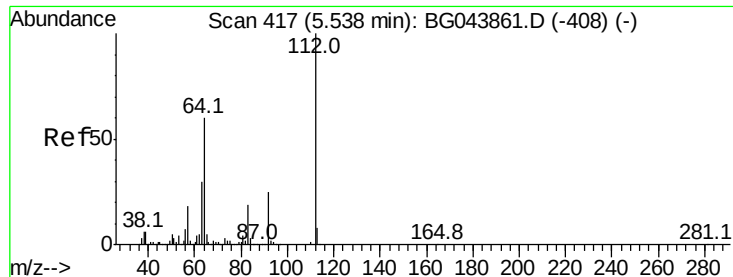
Abundance

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: 138.587 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

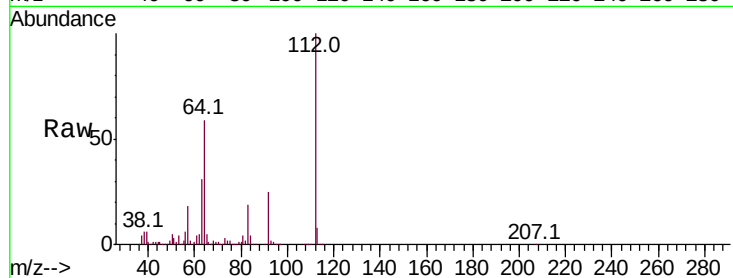
Tot Ion:112 Resp: 805632

Ion Ratio Lower Upper

112 100

64 58.8 47.8 71.6

63 31.0 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

600000

500000

400000

300000

200000

100000

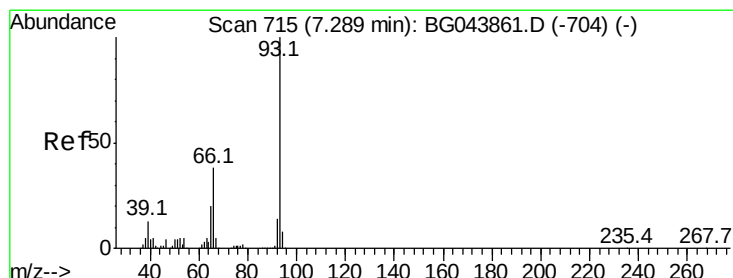
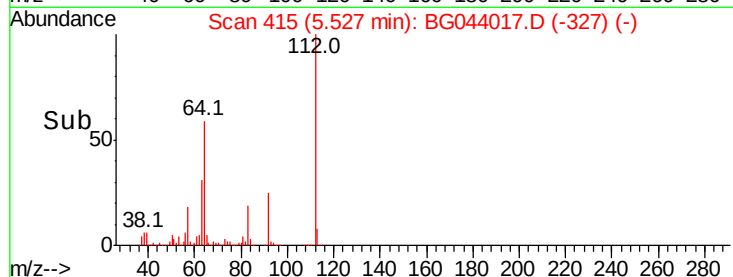
0

5.53

5.50

5.60

Time-->



#6

Aniline

Concen: 35.172 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

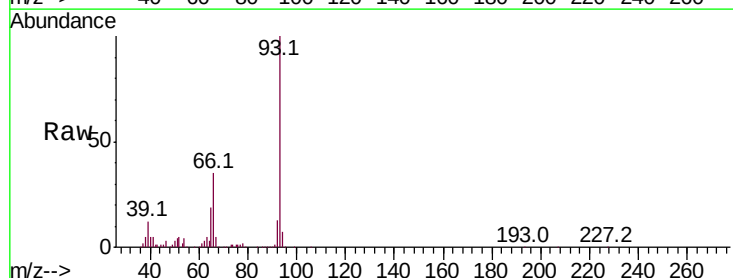
Tgt Ion: 93 Resp: 375388

Ion Ratio Lower Upper

93 100

66 35.3 30.8 46.2

65 18.9 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

250000

200000

150000

100000

50000

0

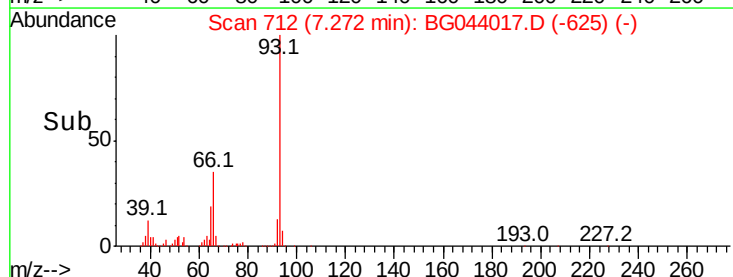
7.27

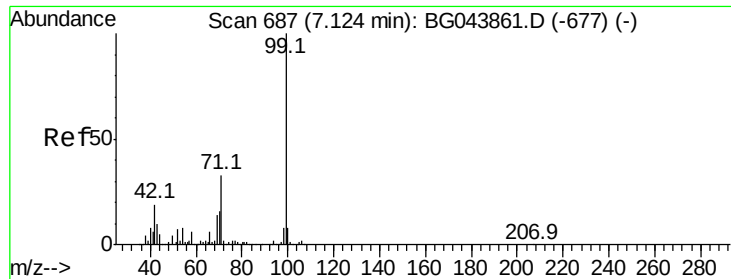
7.20

7.30

7.35

Time-->





#7

Phenol-d6

Concen: 128.407 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

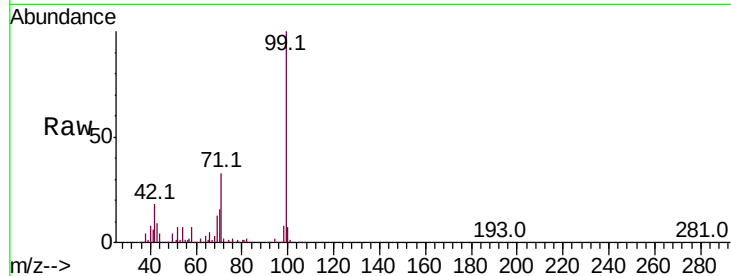
Tot Ion: 99 Resp: 1043404

Ion Ratio Lower Upper

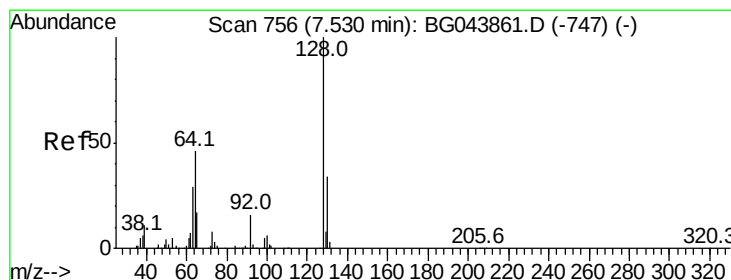
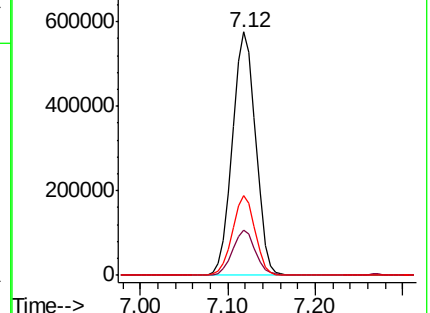
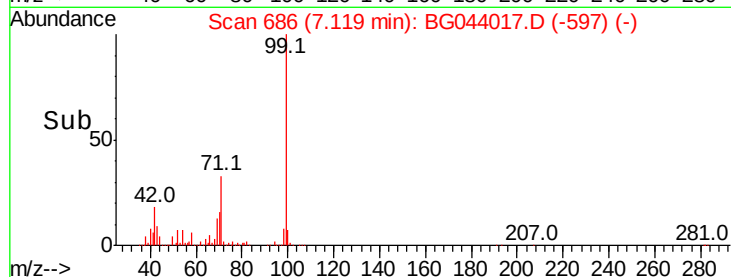
99 100

42 18.4 14.9 22.3

71 32.7 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: 50.288 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

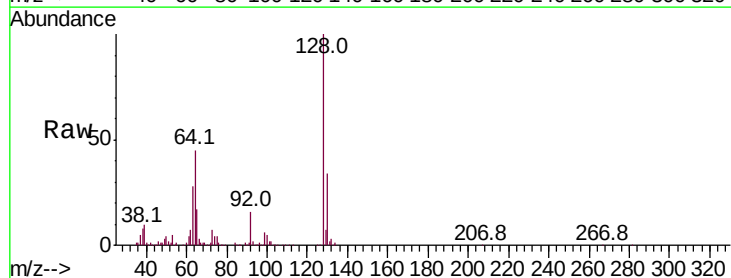
Tgt Ion:128 Resp: 343191

Ion Ratio Lower Upper

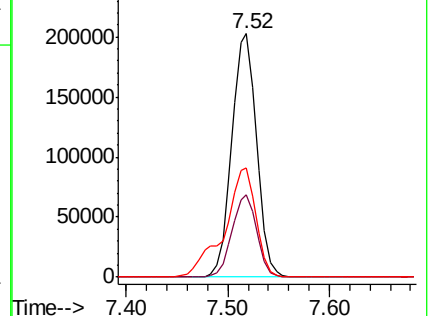
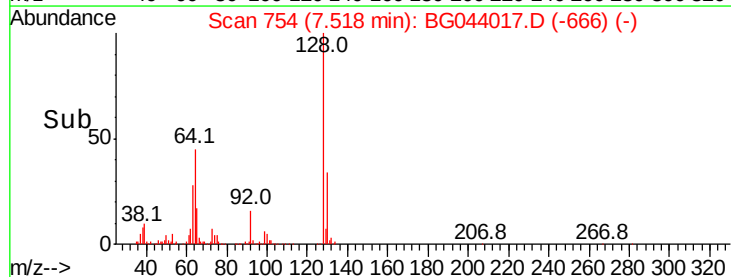
128 100

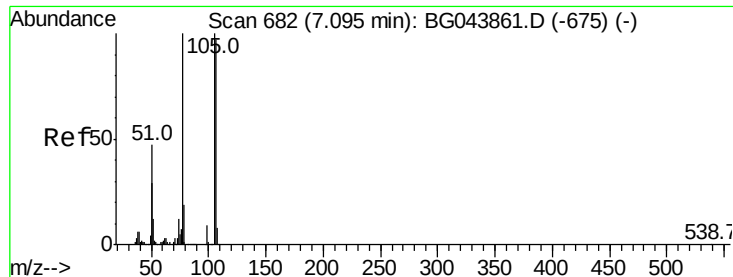
130 33.8 13.8 53.8

64 44.7 27.6 67.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 35.402 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

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ClientSampled :

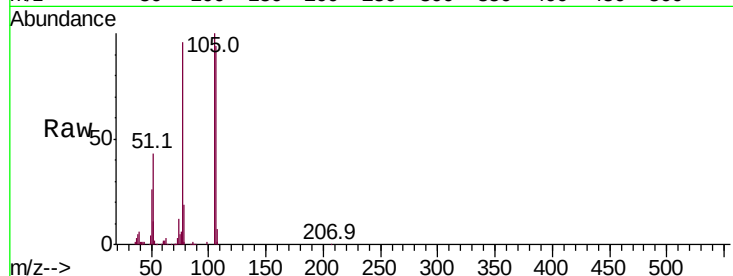
Tot Ion: 77 Resp: 184115

Ion Ratio Lower Upper

77 100

105 103.8 80.2 120.2

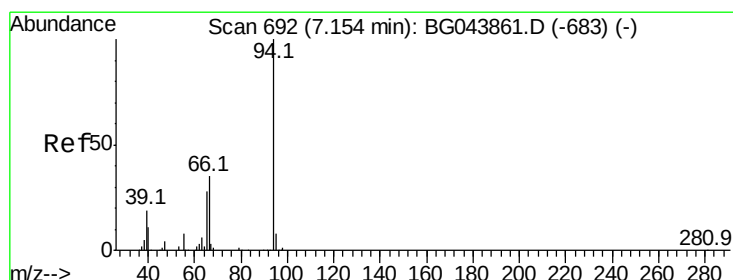
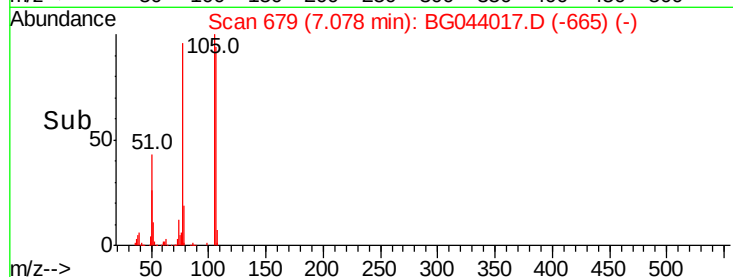
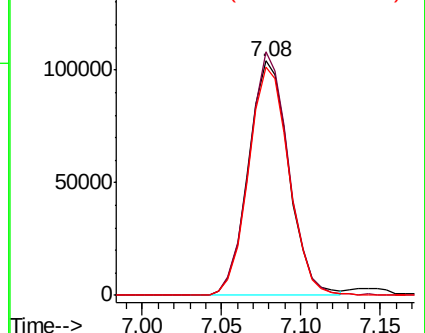
106 97.1 77.2 117.2



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: 50.616 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

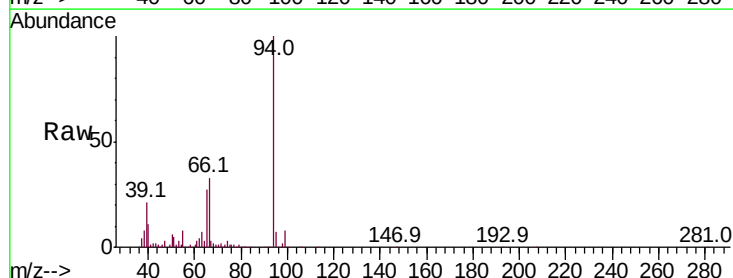
Tgt Ion: 94 Resp: 423761

Ion Ratio Lower Upper

94 100

65 27.0 8.1 48.1

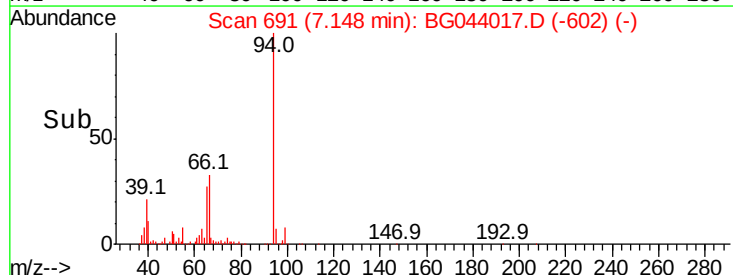
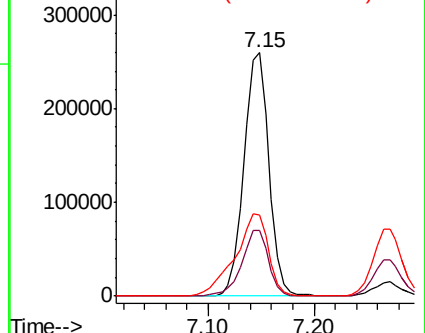
66 33.1 15.6 55.6

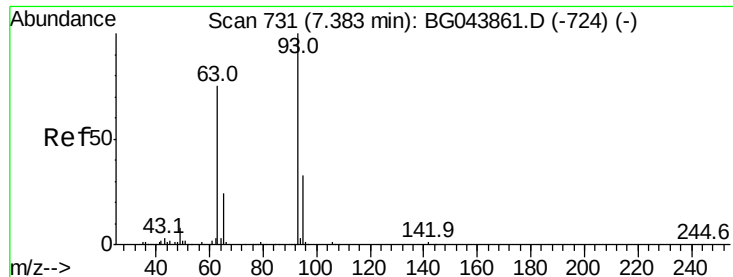


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

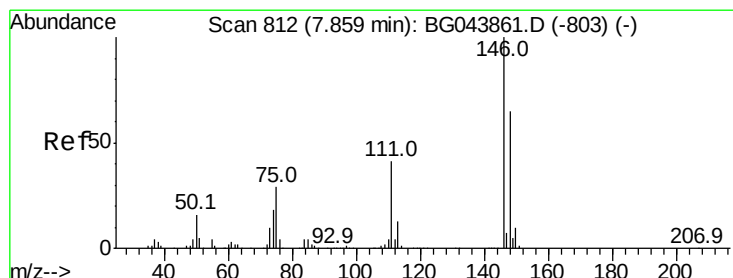
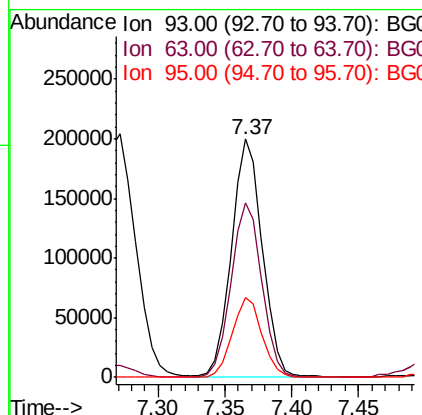
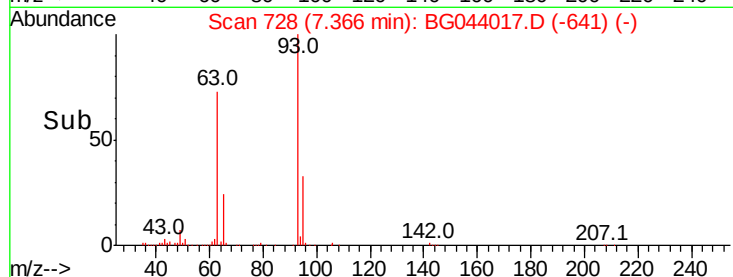
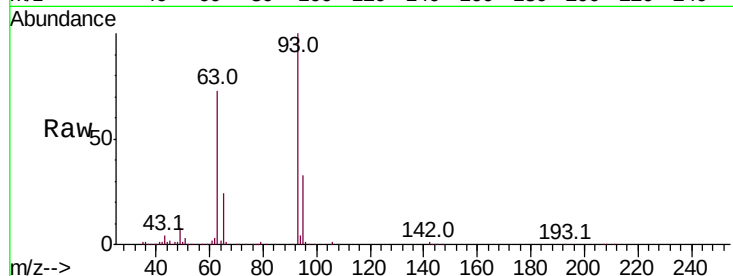




#11
bis(2-Chloroethyl)ether
Concen: 44.669 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

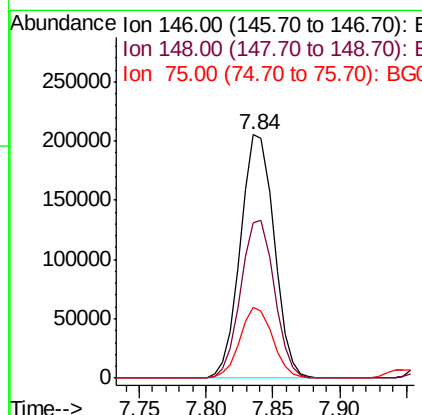
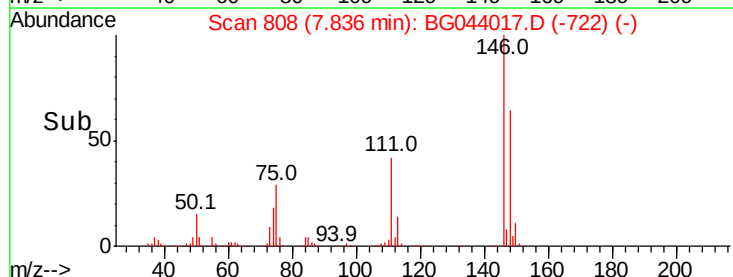
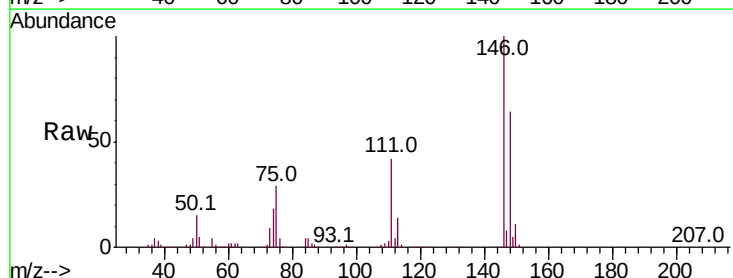
Instrument :
BNA_G
ClientSampleId :

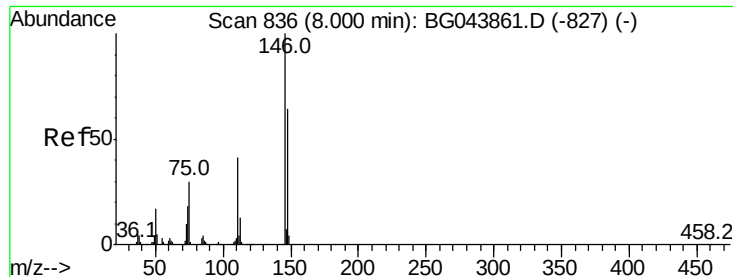
Tot Ion: 93 Resp: 322811
Ion Ratio Lower Upper
93 100
63 73.4 55.0 95.0
95 33.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 44.975 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion: 146 Resp: 359180
Ion Ratio Lower Upper
146 100
148 63.9 52.1 78.1
75 29.2 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 46.001 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampled :

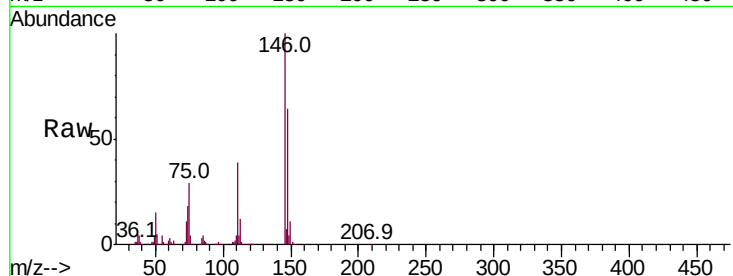
Tot Ion:146 Resp: 362476

Ion Ratio Lower Upper

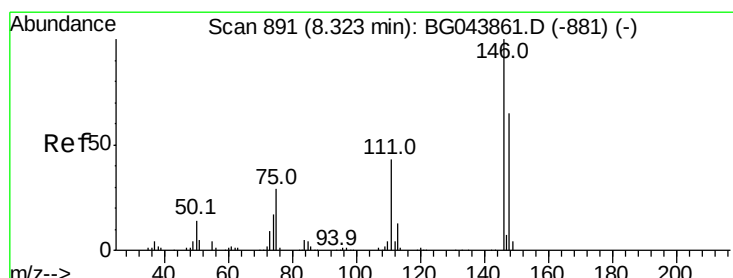
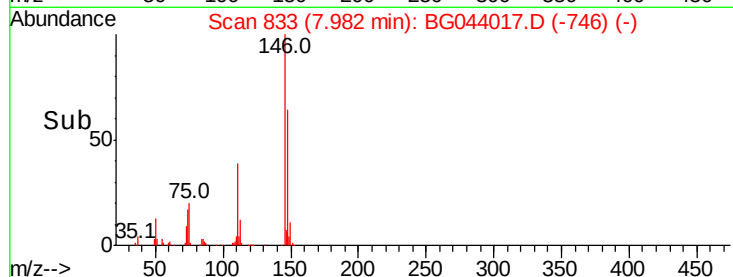
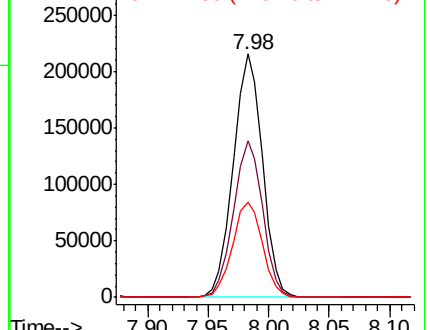
146 100

148 64.1 51.2 76.8

111 39.0 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: 45.322 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

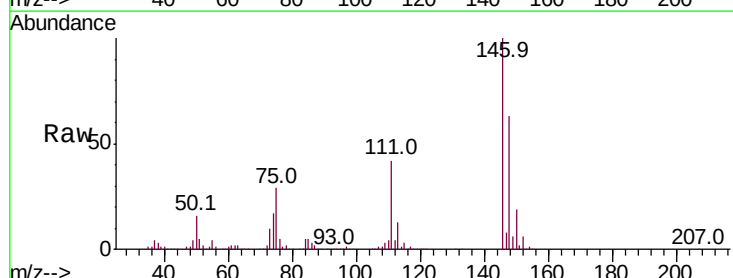
Tgt Ion:146 Resp: 342784

Ion Ratio Lower Upper

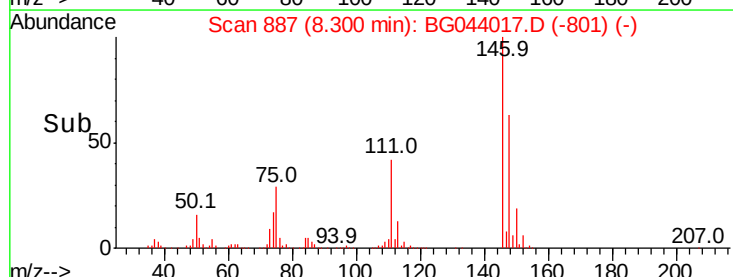
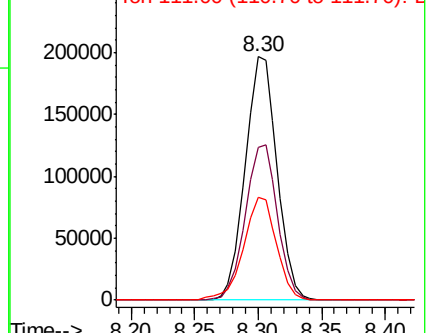
146 100

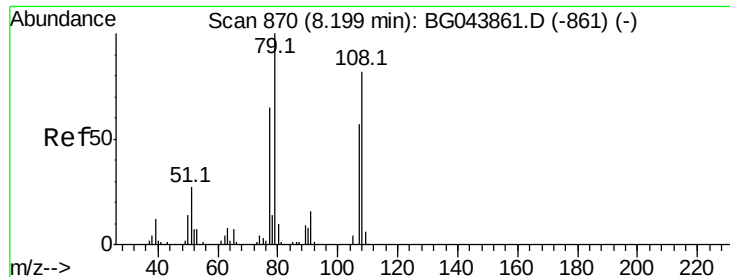
148 62.9 51.7 77.5

111 42.4 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

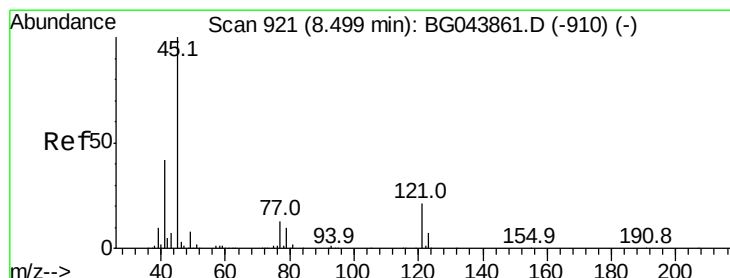
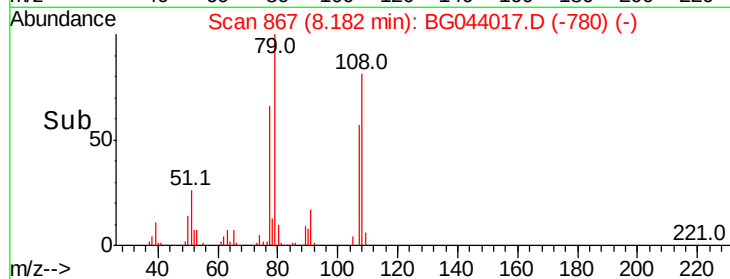
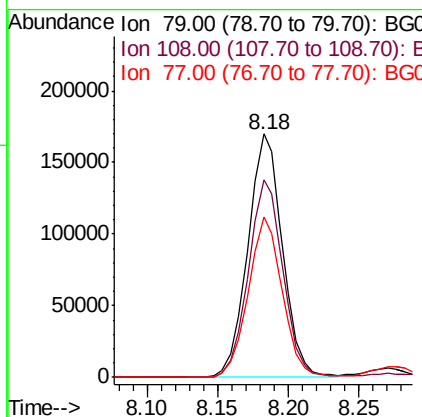
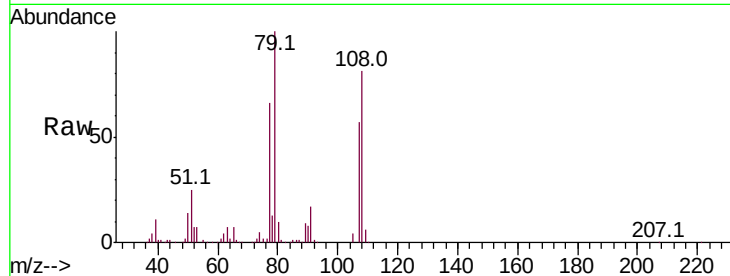




#15
Benzyl Alcohol
Concen: 45.517 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

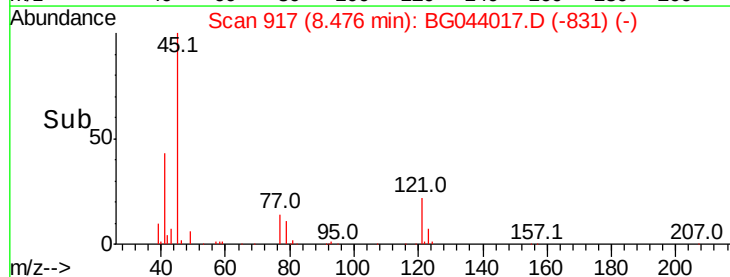
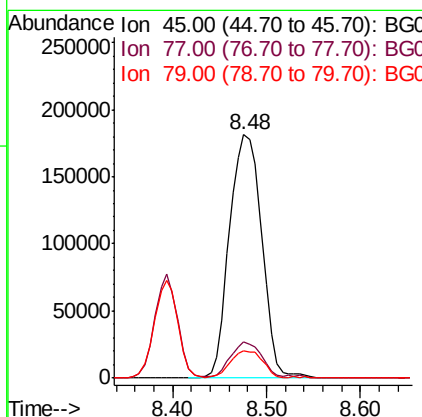
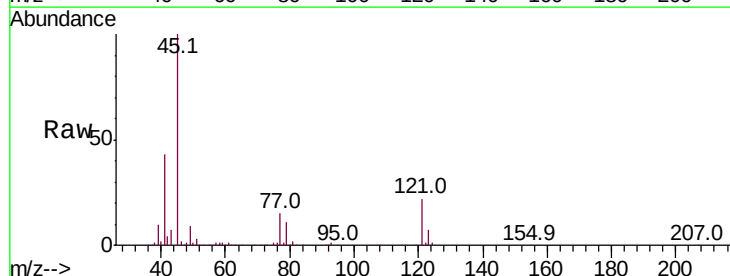
Instrument :
BNA_G
ClientSampled :

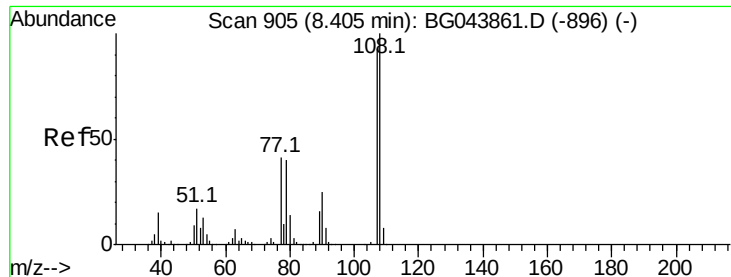
Tot Ion: 79 Resp: 291903
Ion Ratio Lower Upper
79 100
108 80.9 65.6 98.4
77 65.7 52.0 78.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.814 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion: 45 Resp: 433966
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.8
79 11.1 0.0 31.0





#17

2-Methylphenol

Concen: 49.160 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 297839

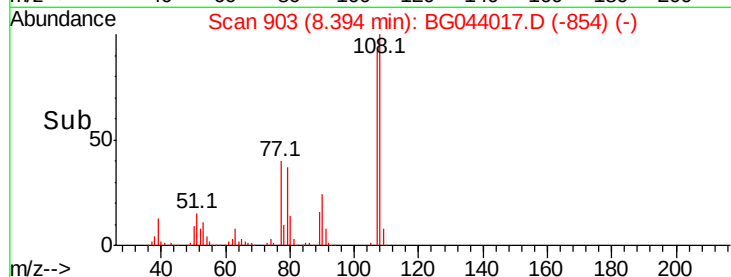
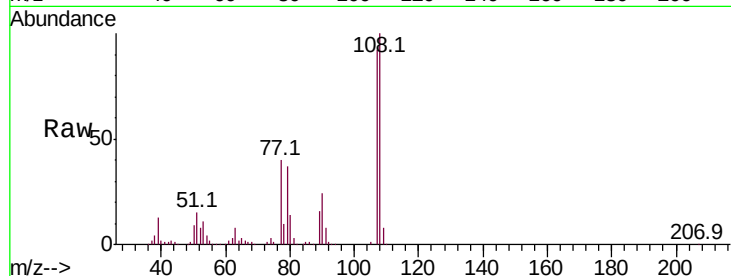
Ion Ratio Lower Upper

107 100

108 109.3 86.1 129.1

77 43.6 35.4 53.0

79 41.0 34.8 52.2

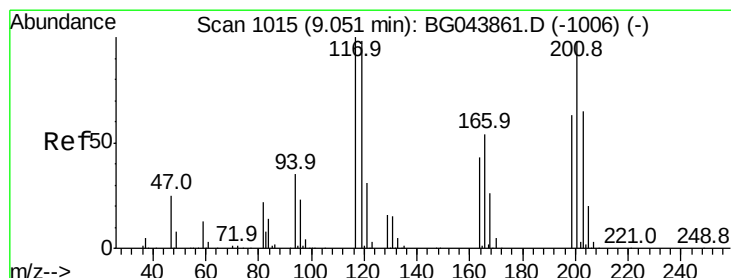
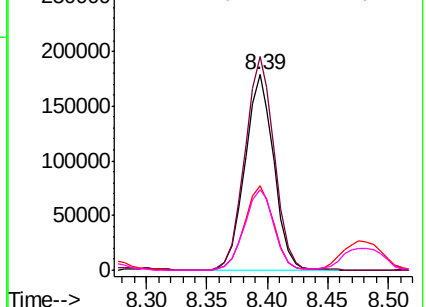


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.405 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

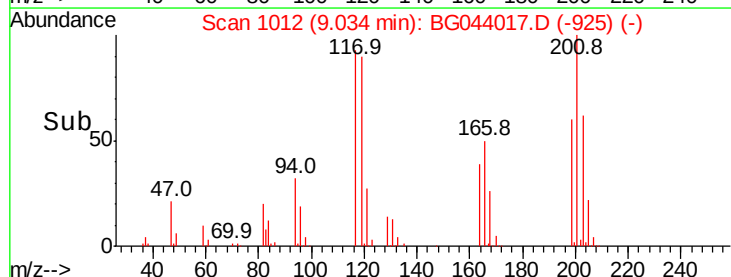
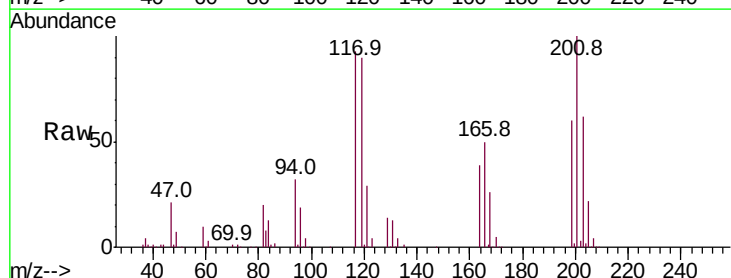
Tgt Ion:117 Resp: 133084

Ion Ratio Lower Upper

117 100

119 95.9 78.1 117.1

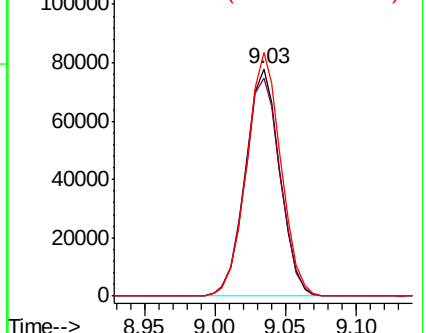
201 107.1 78.6 117.8

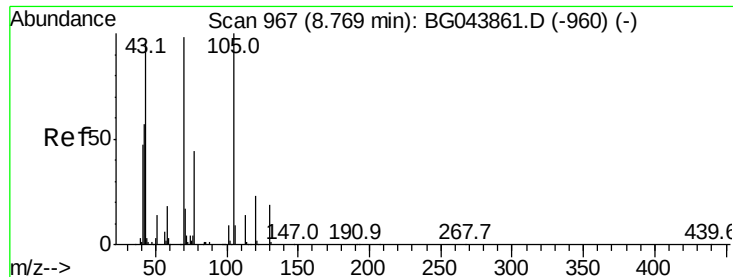


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

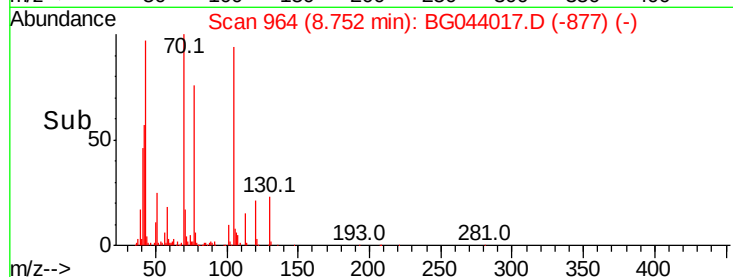
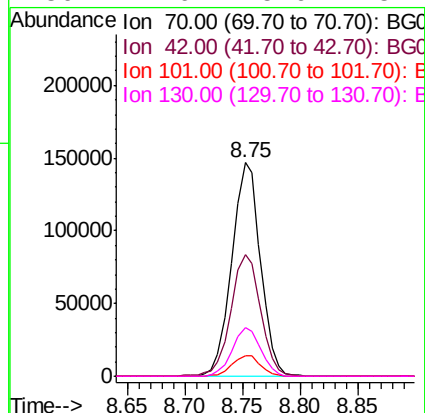
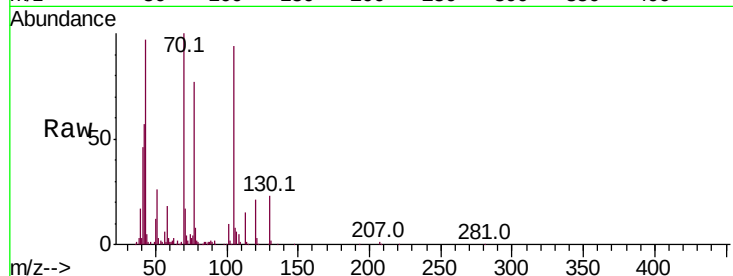




#19
n-Nitroso-di-n-propylamine
Concen: 41.587 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

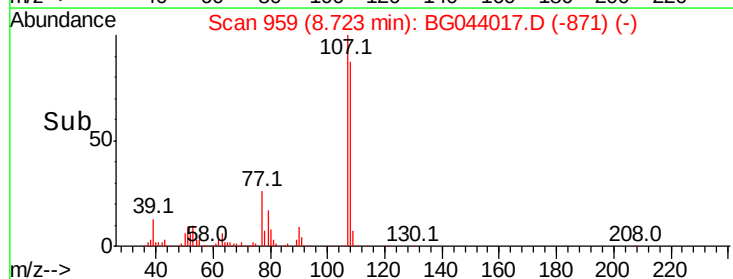
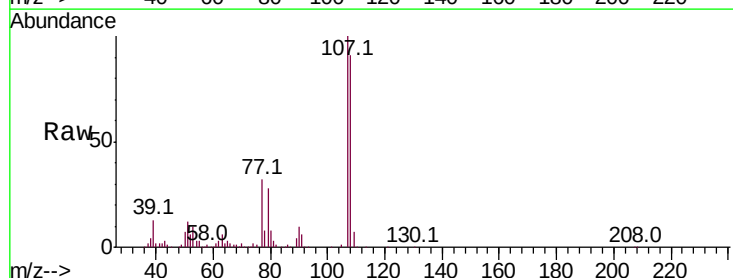
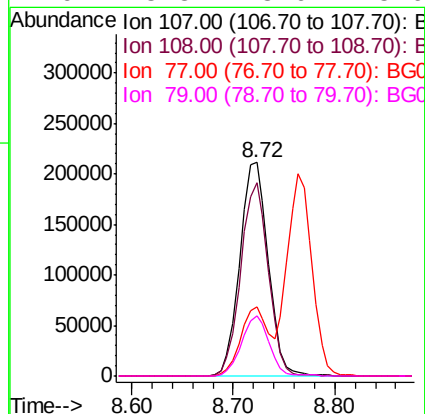
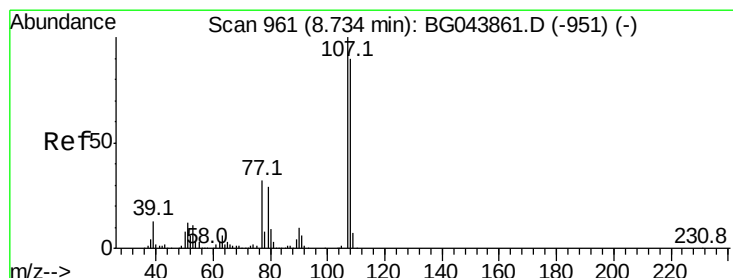
Instrument :
BNA_G
ClientSampled :

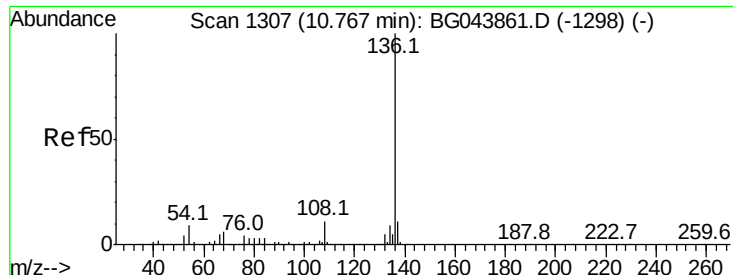
Tot Ion:	70	Resp:	251661
Ion	Ratio	Lower	Upper
70	100		
42	56.9	47.0	70.4
101	9.9	7.2	10.8
130	22.6	15.6	23.4



#20
3+4-Methylphenols
Concen: 48.614 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion:	107	Resp:	410881
Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.3	110.3
77	32.3	12.4	52.4
79	28.3	8.6	48.6

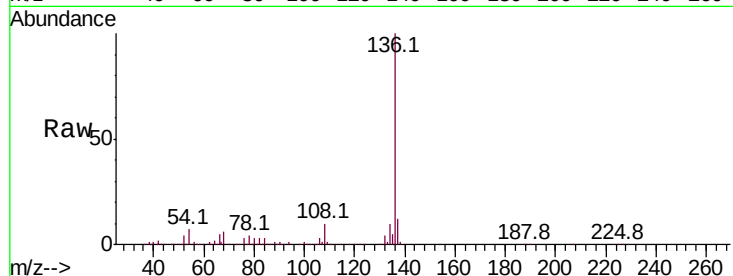




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	450190
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	7.5	7.0	10.4
68	5.8	4.9	7.3



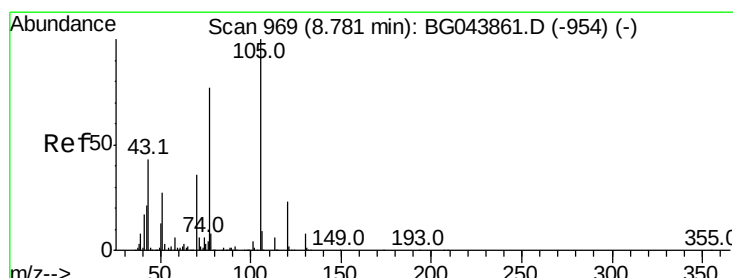
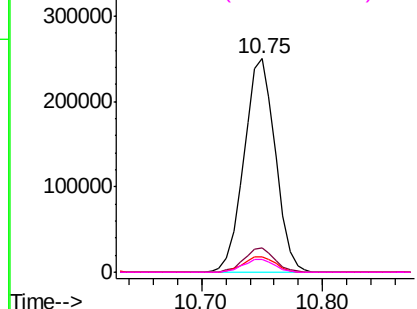
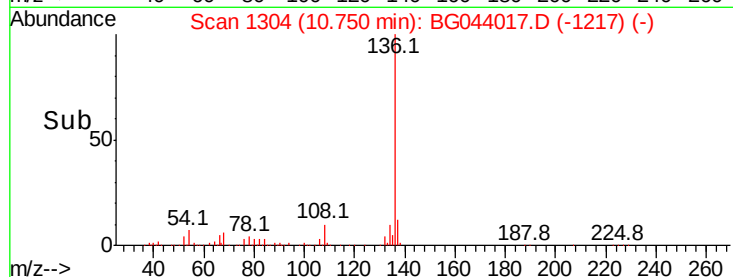
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

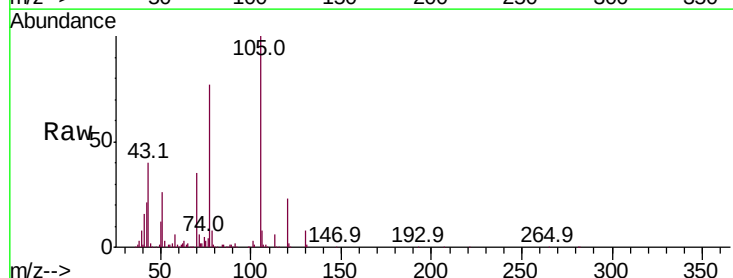
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.902 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion:	105	Resp:	468974
Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.8	7.2
51	25.7	21.4	32.0
120	23.4	18.6	28.0



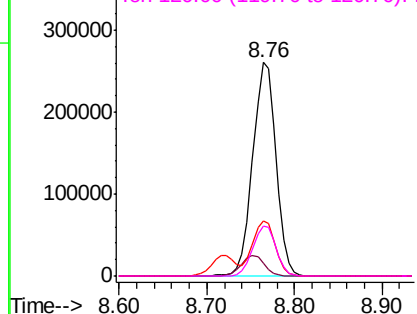
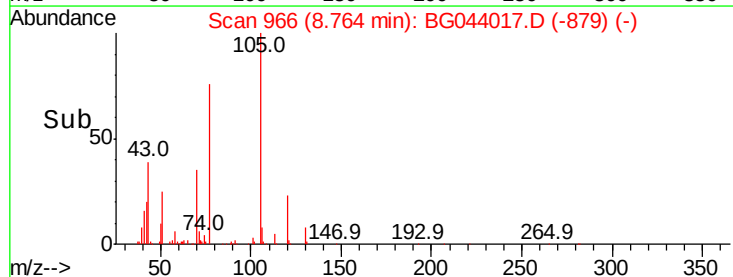
Abundance

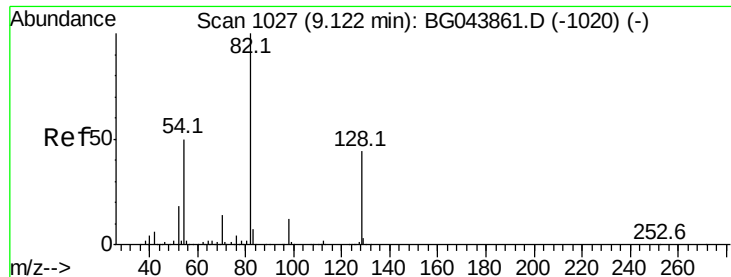
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

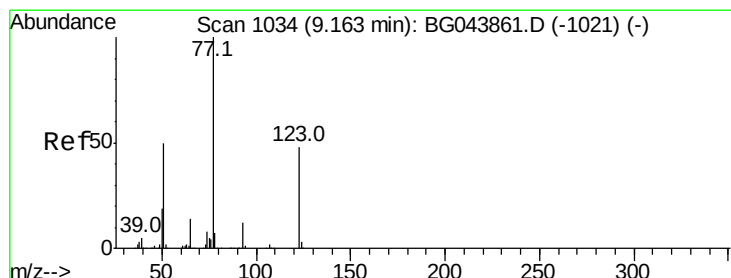
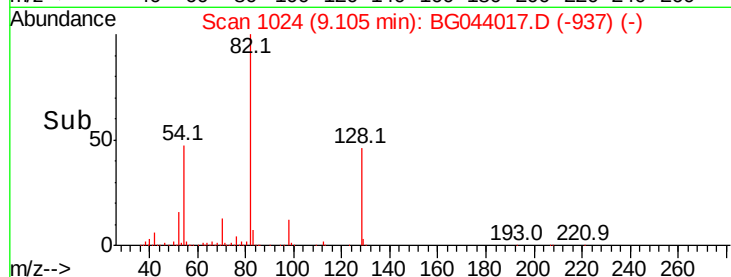
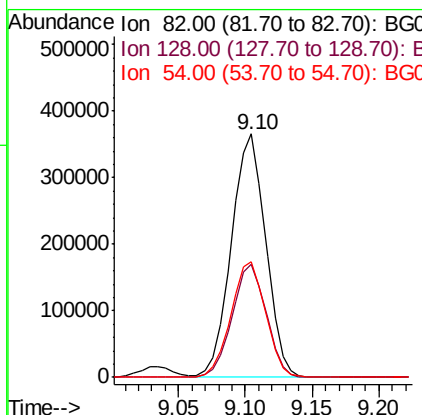
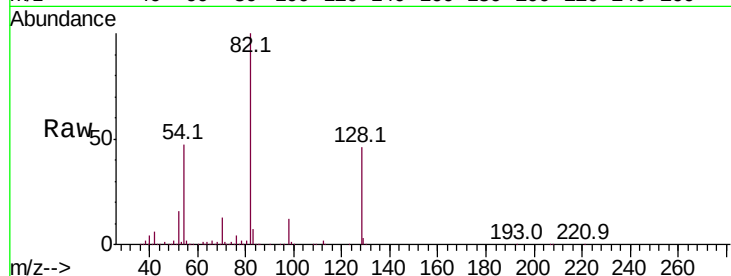




#23
 Nitrobenzene-d5
 Concen: 77.616 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

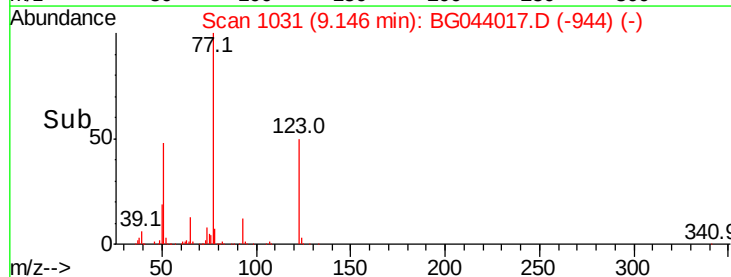
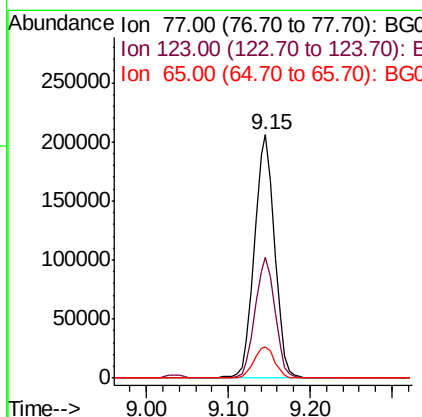
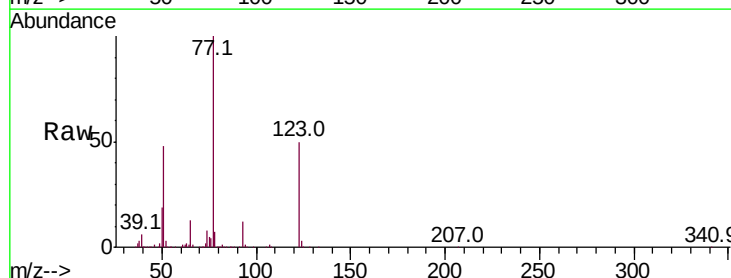
Instrument :
 BNA_G
 ClientSampled :

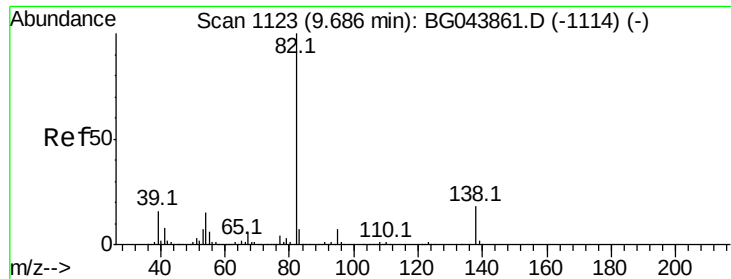
Tot Ion: 82 Resp: 653170
 Ion Ratio Lower Upper
 82 100
 128 46.3 35.1 52.7
 54 47.3 40.1 60.1



#24
 Nitrobenzene
 Concen: 42.528 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Tgt Ion: 77 Resp: 354466
 Ion Ratio Lower Upper
 77 100
 123 49.7 38.7 58.1
 65 12.7 11.1 16.7

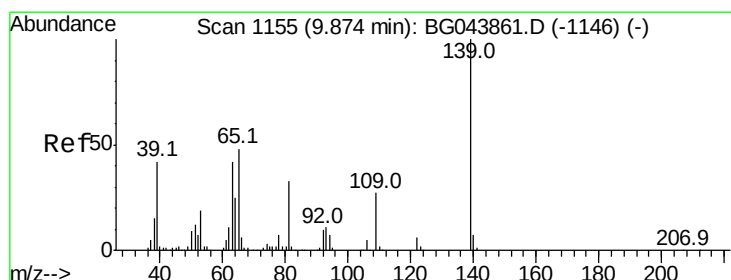
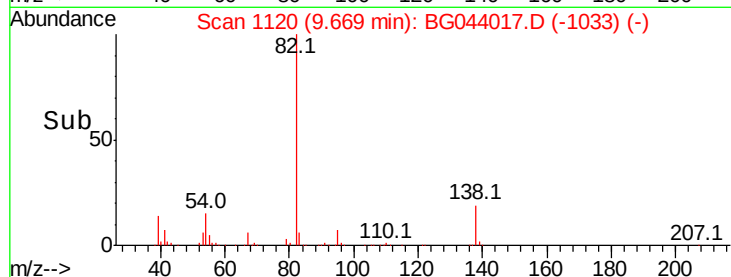
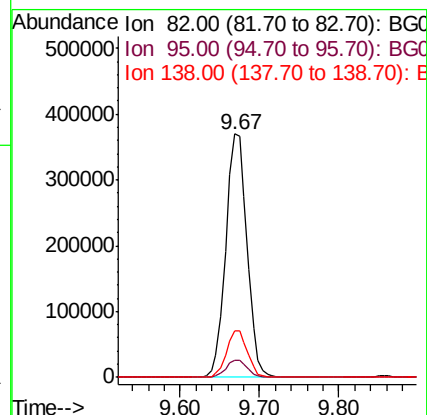
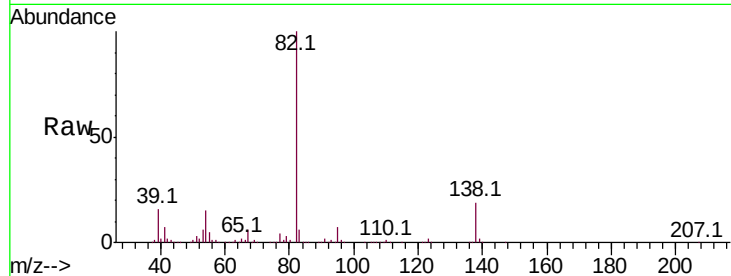




#25
Isophorone
Concen: 43.243 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

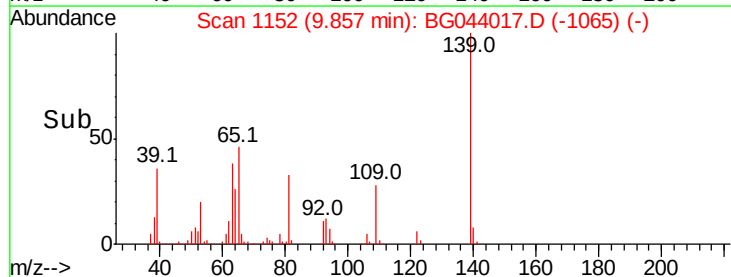
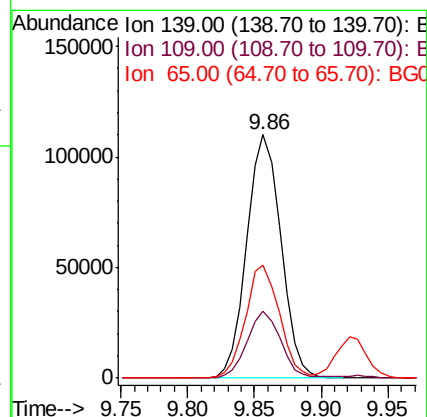
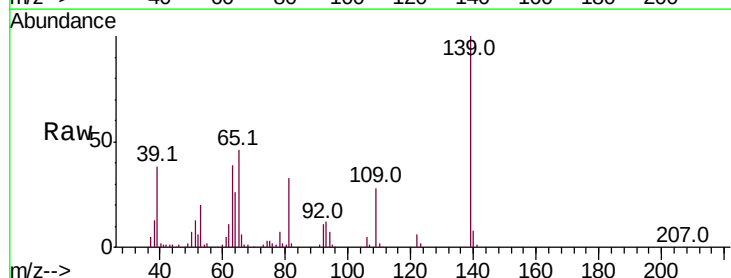
Instrument :
BNA_G
ClientSampled :

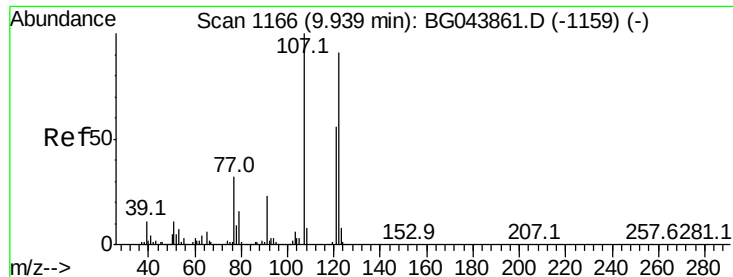
Tot Ion: 82 Resp: 682729
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 19.3 14.6 22.0



#26
2-Nitrophenol
Concen: 49.463 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion: 139 Resp: 195049
Ion Ratio Lower Upper
139 100
109 27.7 21.3 31.9
65 46.4 38.6 57.8

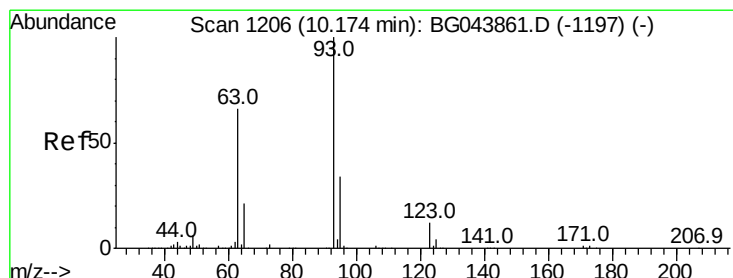
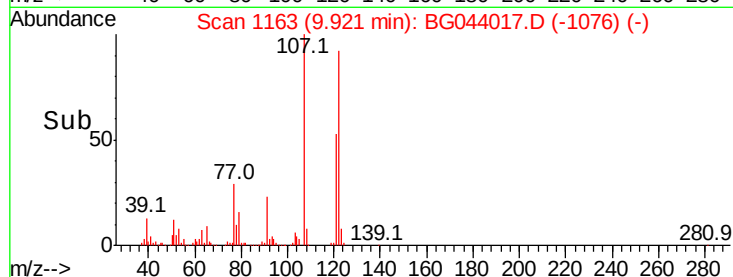
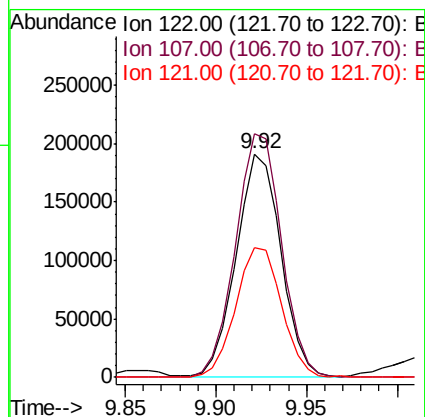
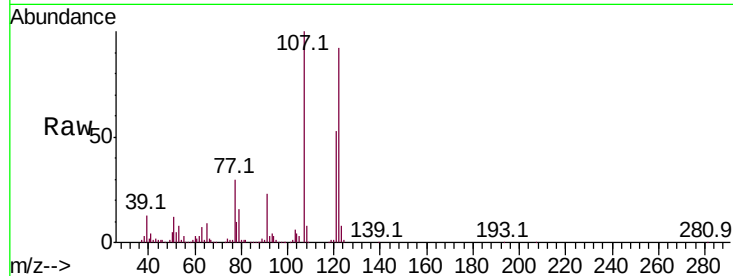




#27
2,4-Dimethylphenol
Concen: 55.364 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

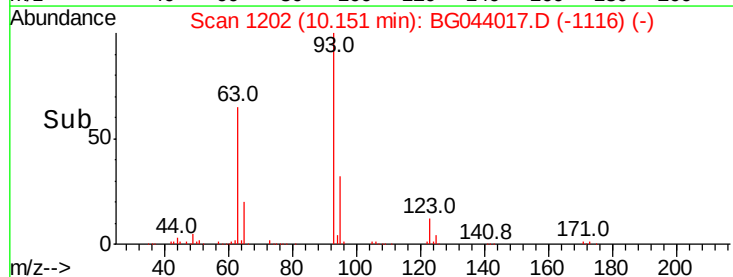
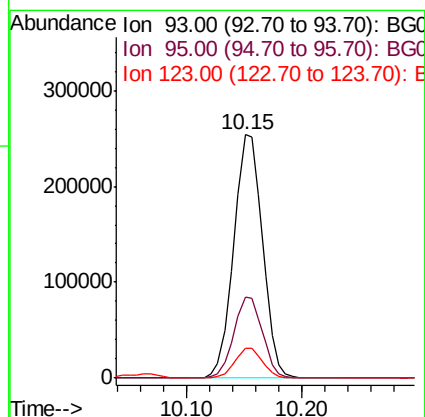
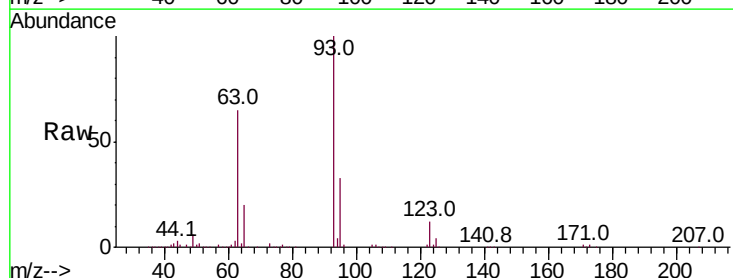
Instrument :
BNA_G
ClientSampleId :

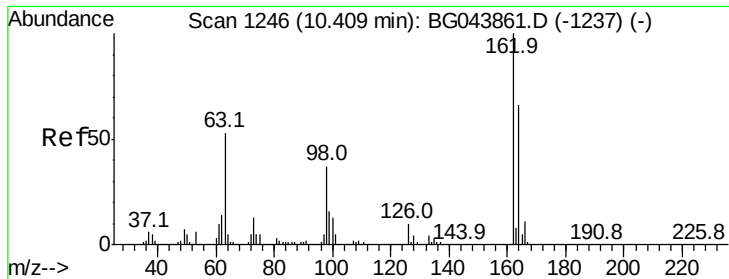
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	88.0	132.0
121	58.3	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.624 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.2	40.8
123	12.1	9.7	14.5

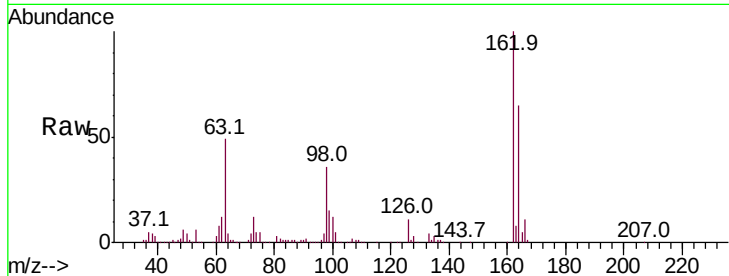




#29
 2,4-Dichlorophenol
 Concen: 48.999 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	46.3	86.3
98	35.9	17.3	57.3

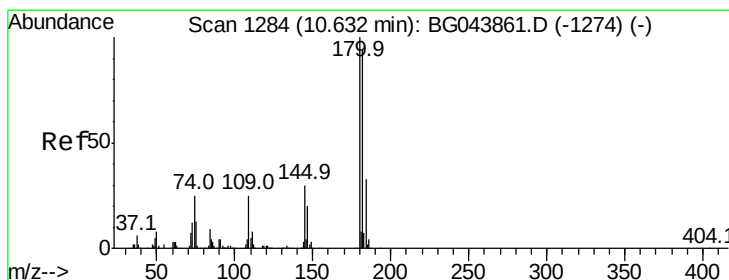
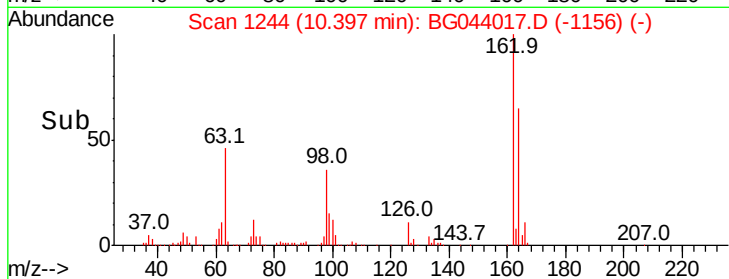
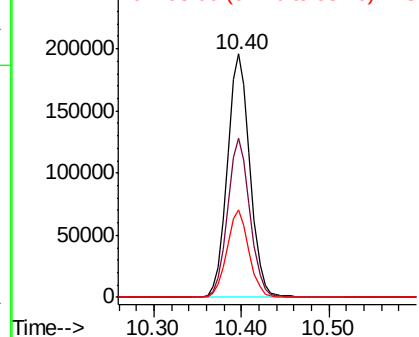


Abundance

Ion 162.00 (161.70 to 162.70): E

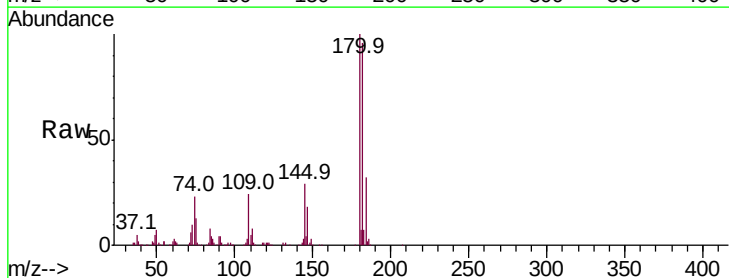
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 42.684 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.0	112.4
145	29.3	24.2	36.4

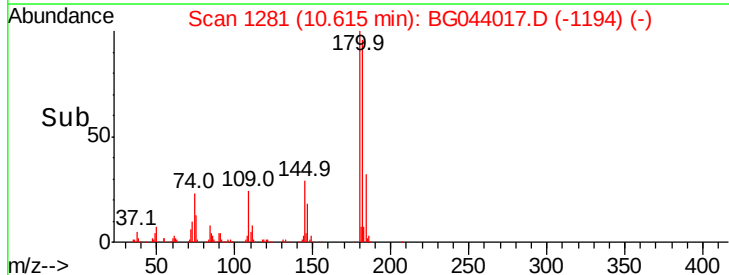
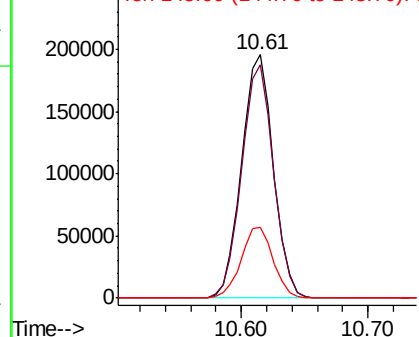


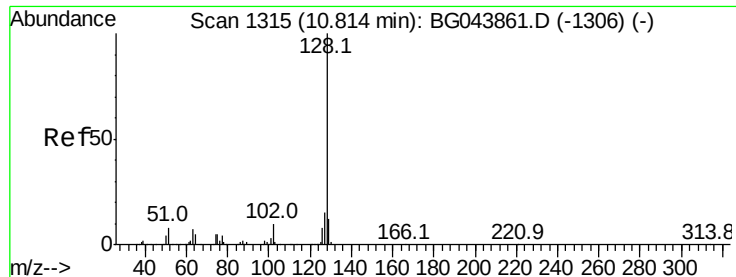
Abundance

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: 45.701 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

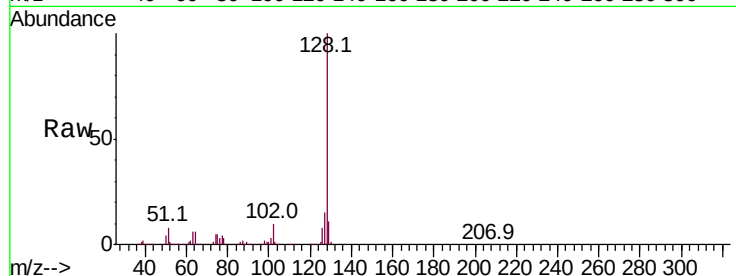
Tot Ion:128 Resp: 995613

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.6

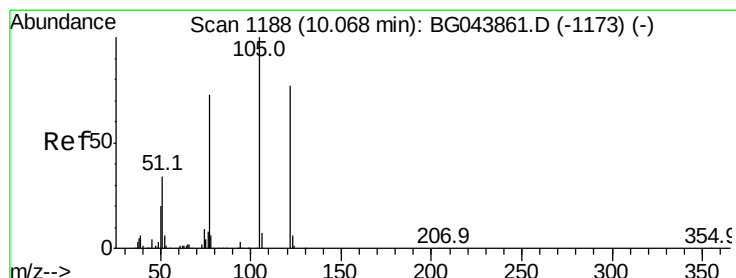
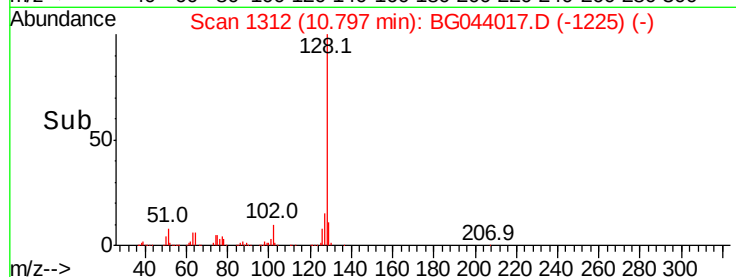
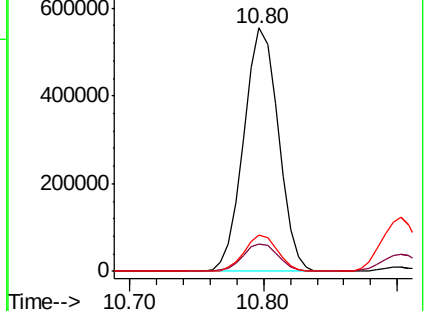
127 15.0 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.866 ng

RT: 10.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

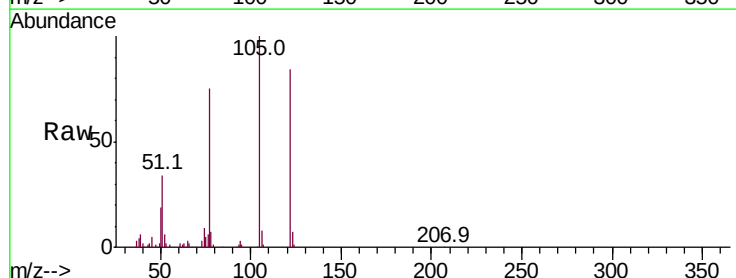
Tgt Ion:122 Resp: 186814

Ion Ratio Lower Upper

122 100

105 118.9 106.4 146.4

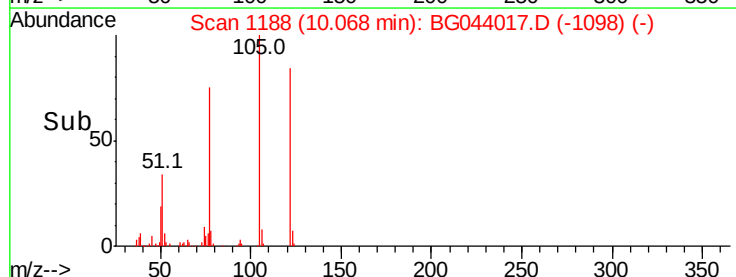
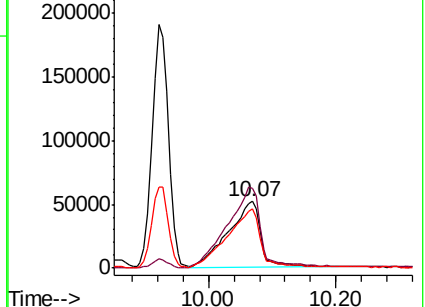
77 89.4 74.6 114.6

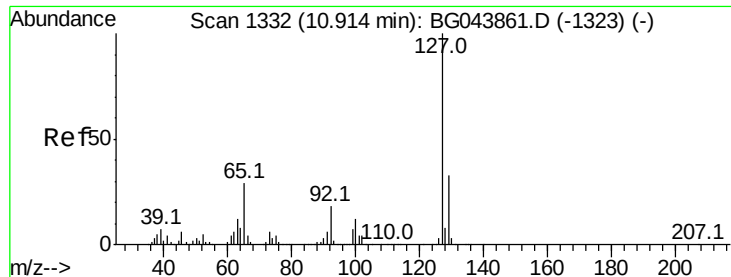


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

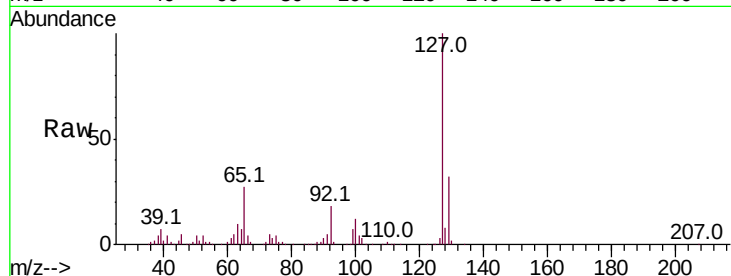




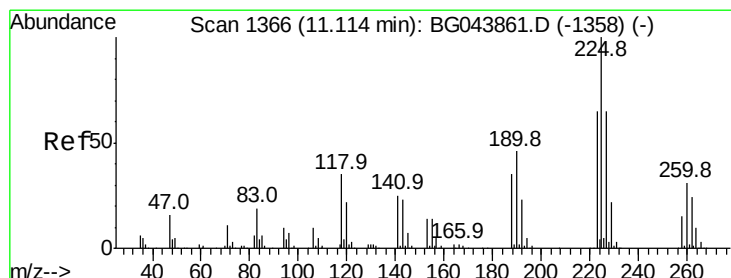
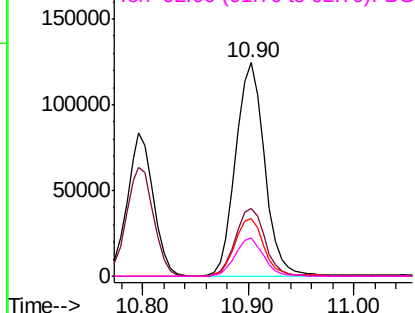
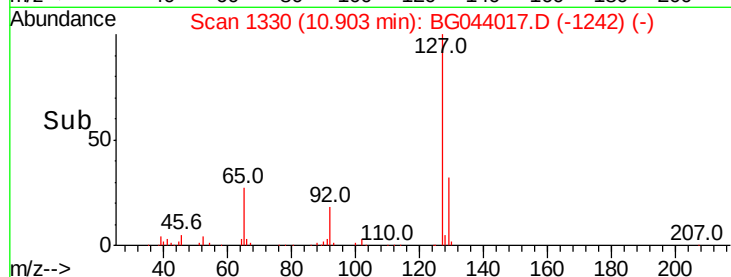
#33
4-Chloroaniline
Concen: 22.844 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	237366
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	40.0
65	27.1	23.3	34.9
92	17.9	14.7	22.1

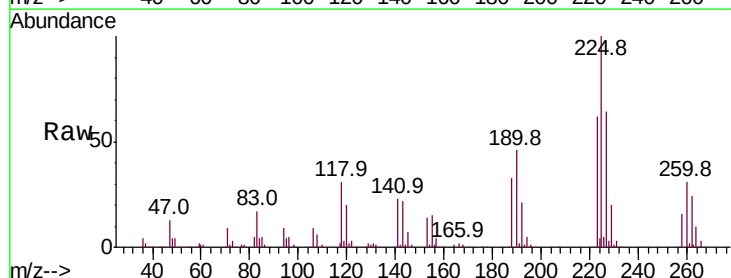


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

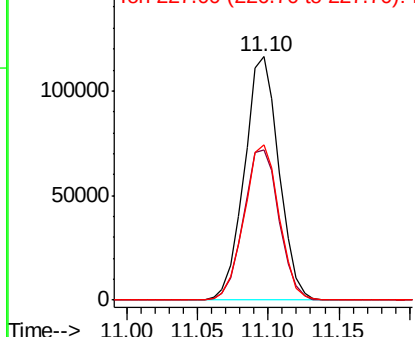
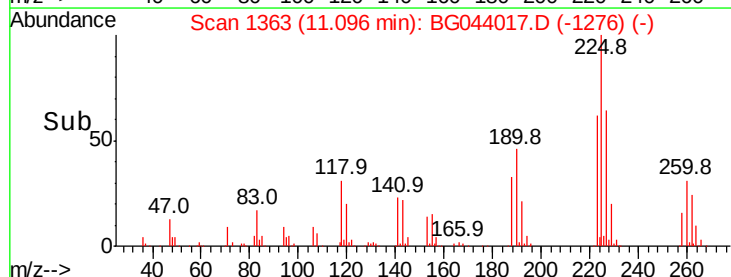


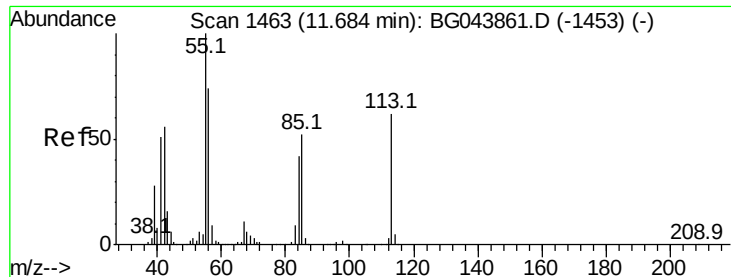
#34
Hexachlorobutadiene
Concen: 41.079 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion:	225	Resp:	199117
Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.2	78.4
227	63.7	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: 31.665 ng

RT: 11.67 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

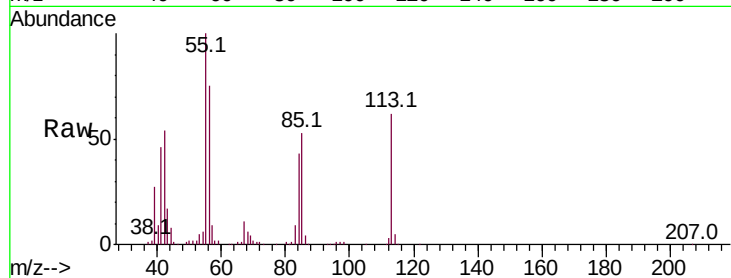
Tot Ion:113 Resp: 83464

Ion Ratio Lower Upper

113 100

55 160.0 142.5 182.5

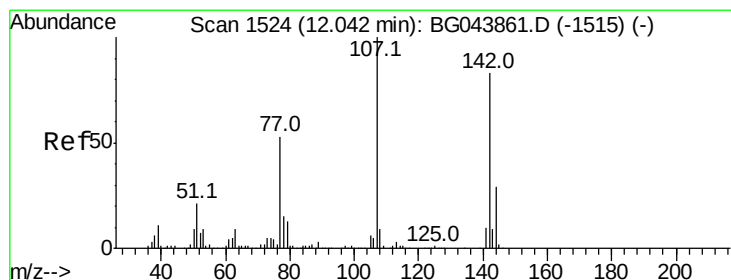
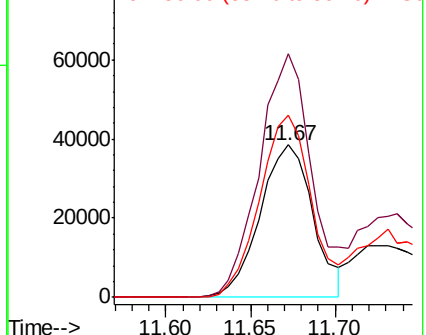
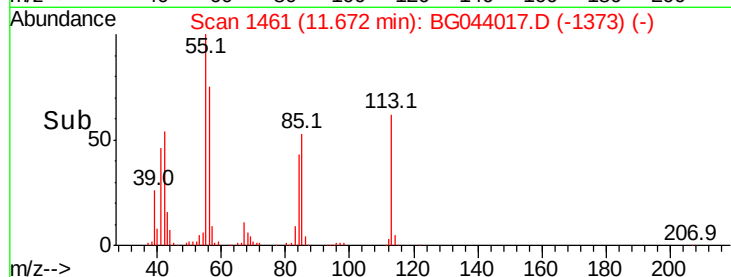
56 119.8 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.421 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

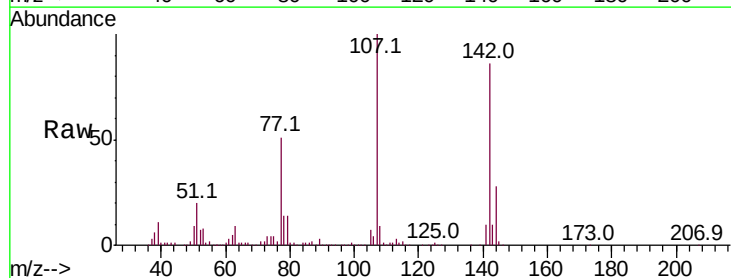
Tgt Ion:107 Resp: 357440

Ion Ratio Lower Upper

107 100

144 27.8 23.4 35.2

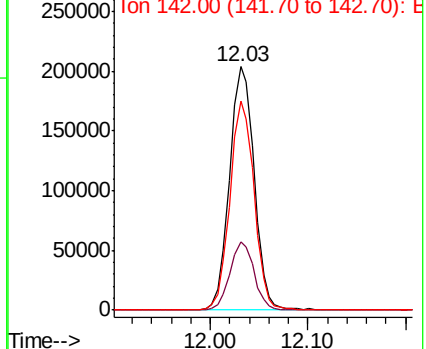
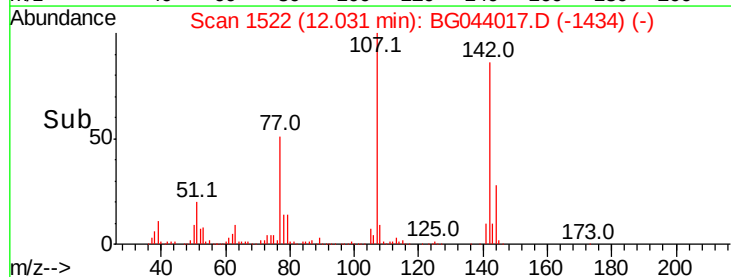
142 85.9 66.3 99.5

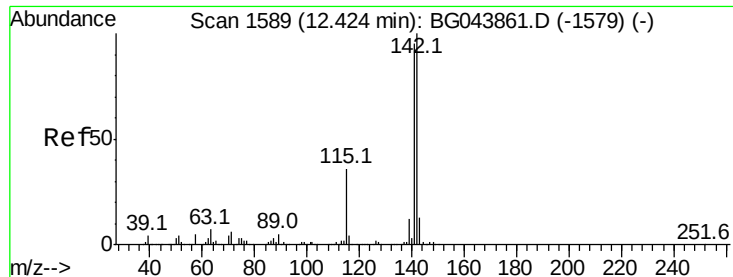


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

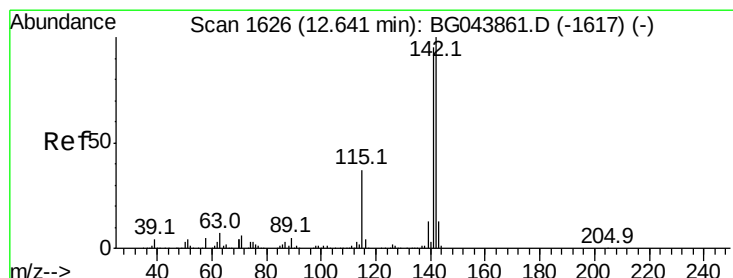
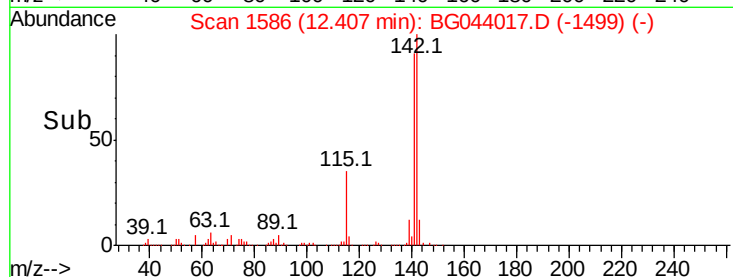
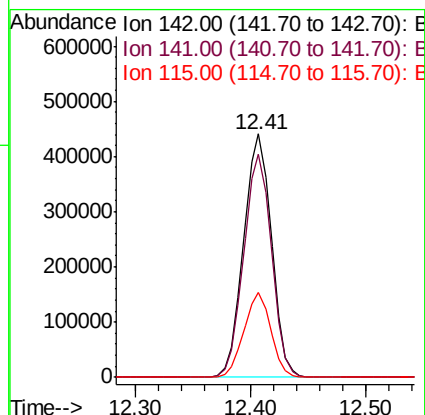
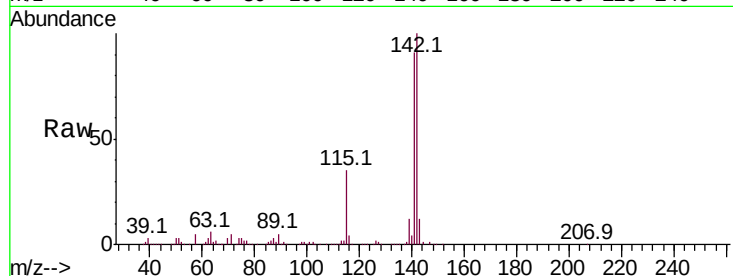




#37
 2-Methylnaphthalene
 Concen: 45.039 ng
 RT: 12.41 min Scan# 1586
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

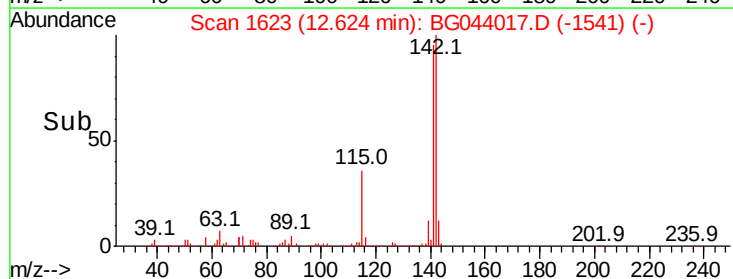
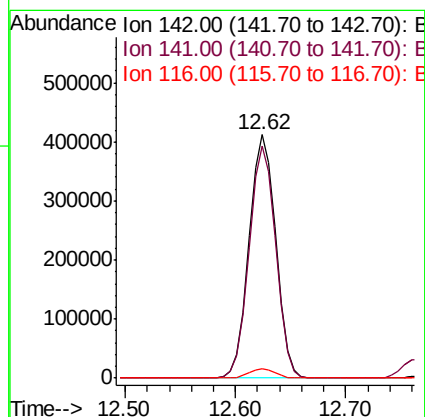
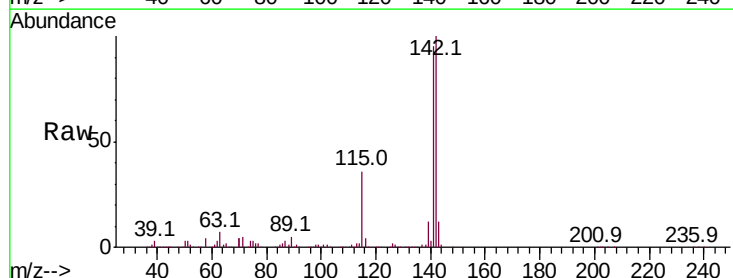
Instrument :
 BNA_G
 ClientSampleId :

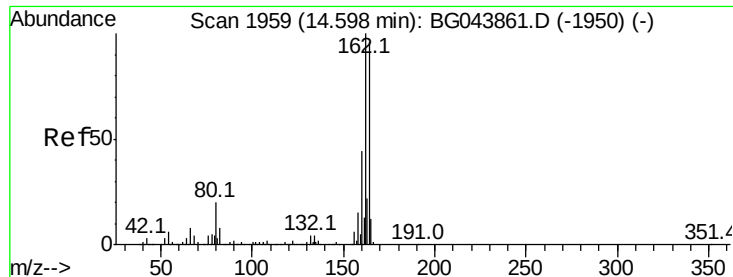
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	75.8	113.8
115	34.8	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 45.020 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	76.0	114.0
116	3.8	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: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

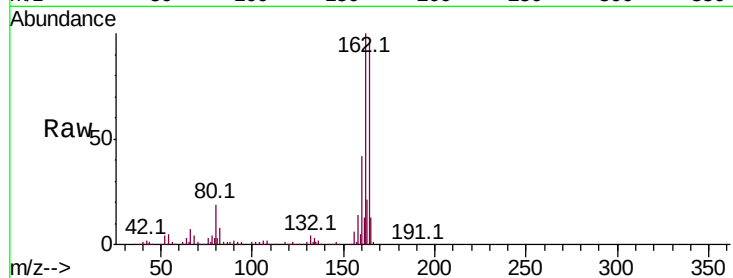
Tot Ion:164 Resp: 294738

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 43.9 36.1 54.1

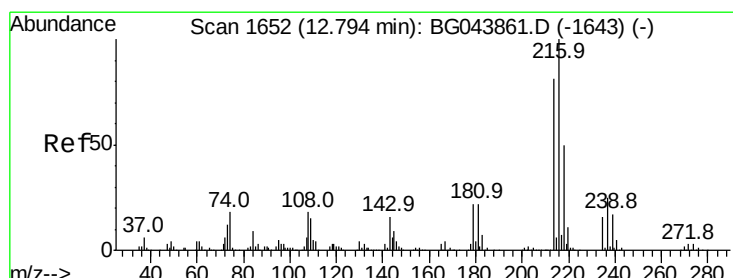
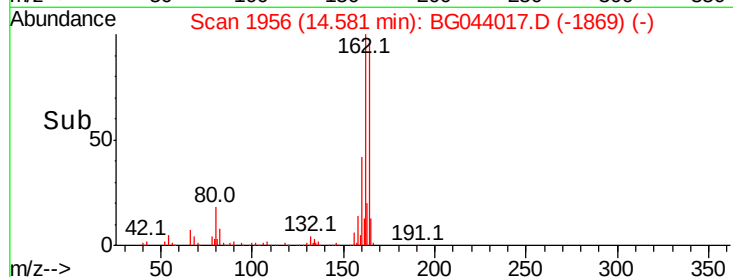
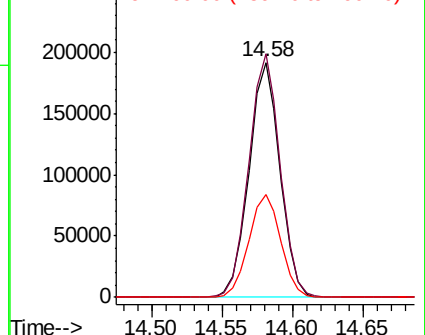


Abundance

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: 41.020 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion:216 Resp: 354362

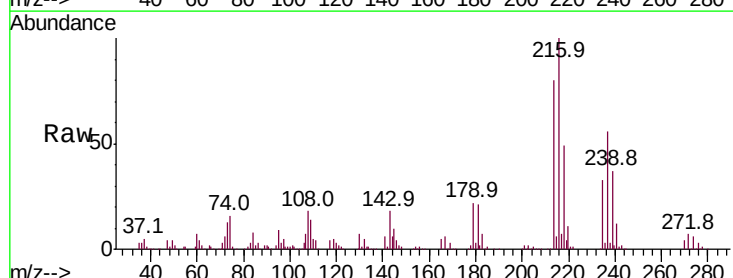
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.8

179 21.5 17.3 25.9

108 20.3 15.3 22.9



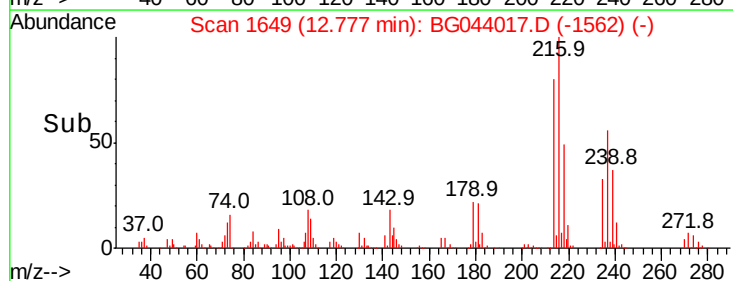
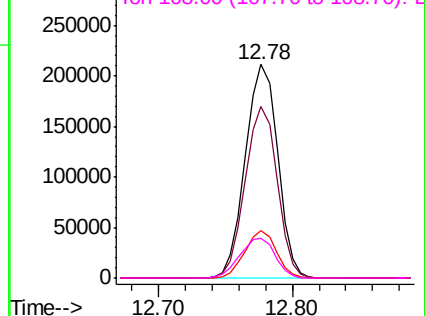
Abundance

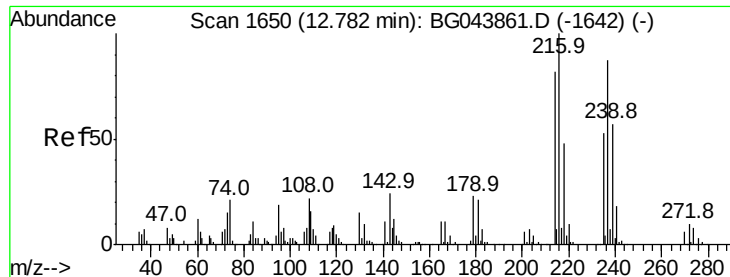
Ion 216.00 (215.70 to 216.70): E

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: 94.996 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

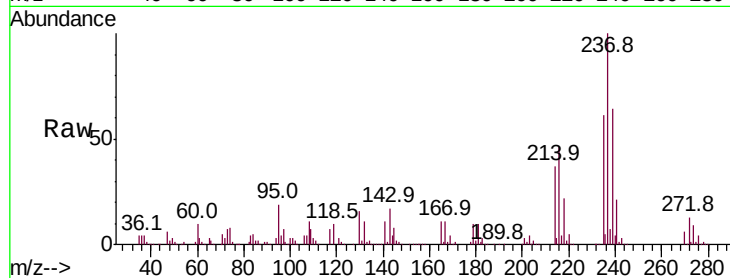
Tot Ion:237 Resp: 425455

Ion Ratio Lower Upper

237 100

235 60.6 41.1 81.1

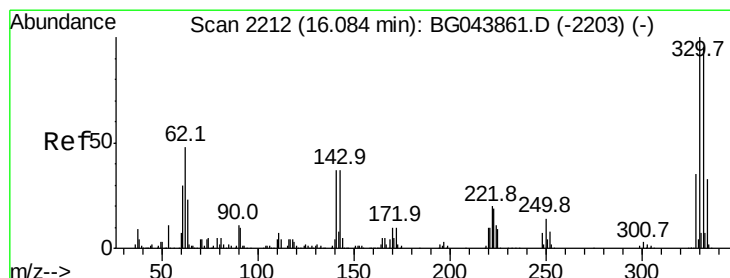
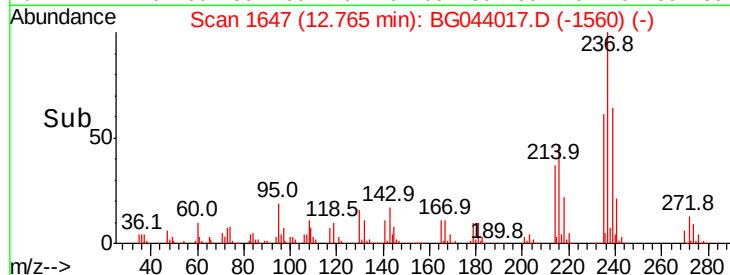
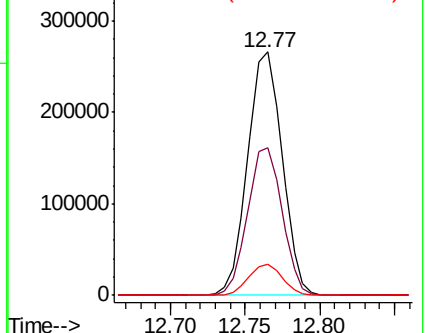
272 12.7 0.0 31.7



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: 131.036 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

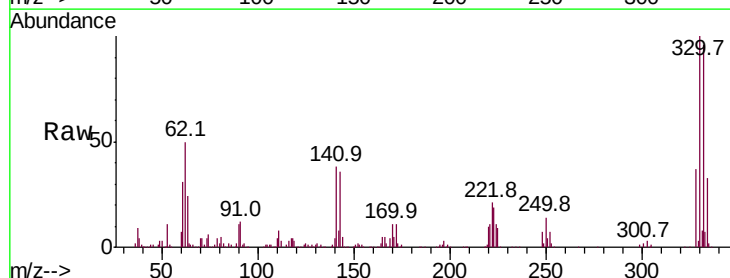
Tgt Ion:330 Resp: 404164

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

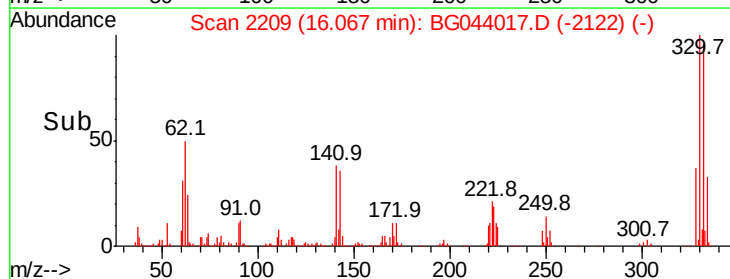
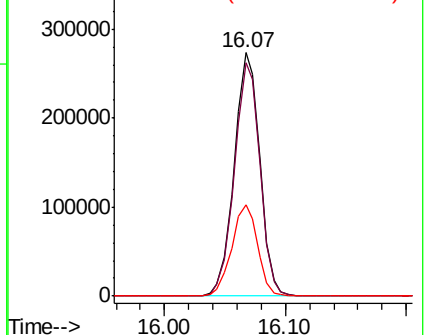
141 37.9 33.1 49.7

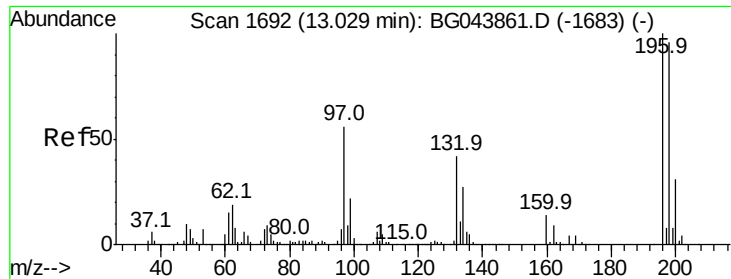


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

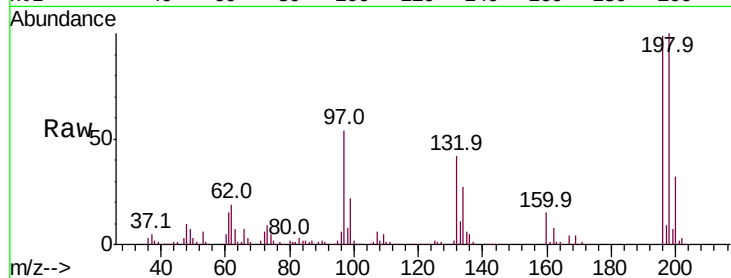




#43
 2,4,6-Trichlorophenol
 Concen: 46.018 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	273538
Ion Ratio	Lower	Upper	
196	100		
198	100.7	76.6	115.0
200	31.9	24.6	37.0

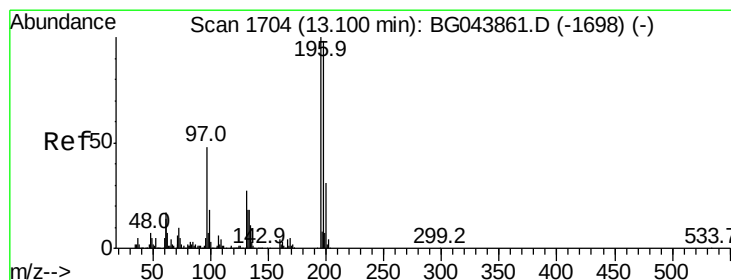
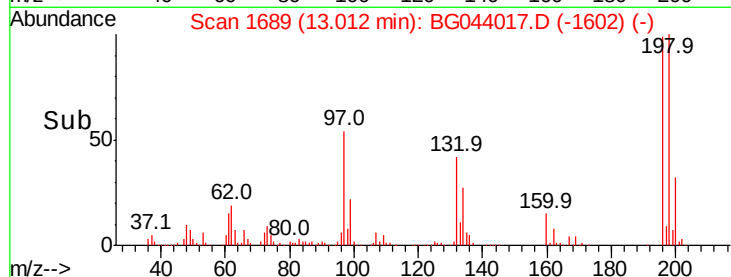
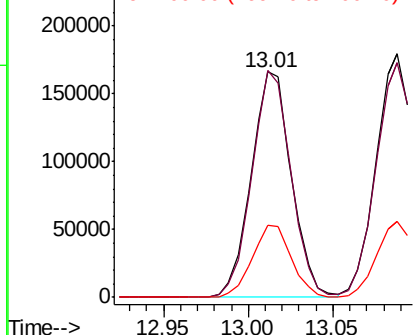


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 47.586 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Tgt Ion	196	Resp	291737
Ion Ratio	Lower	Upper	
196	100		
198	96.4	78.3	117.5
97	46.5	38.8	58.2
132	26.1	21.3	31.9

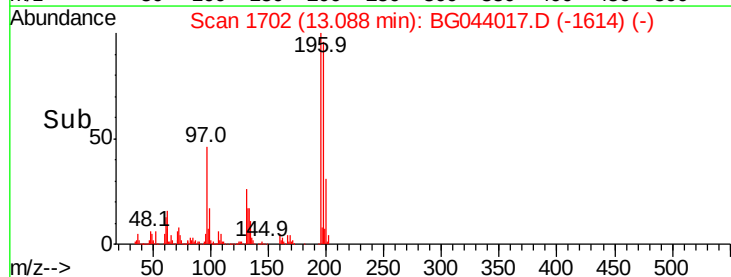
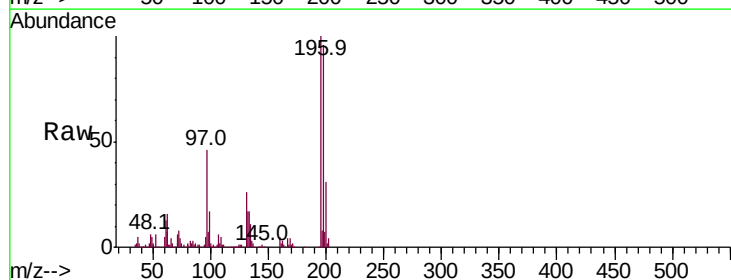
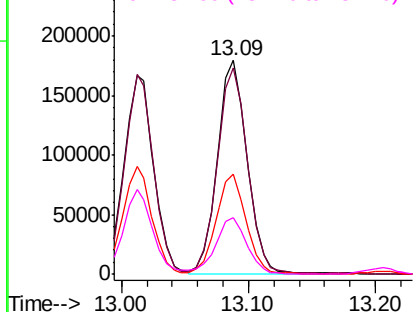
Abundance

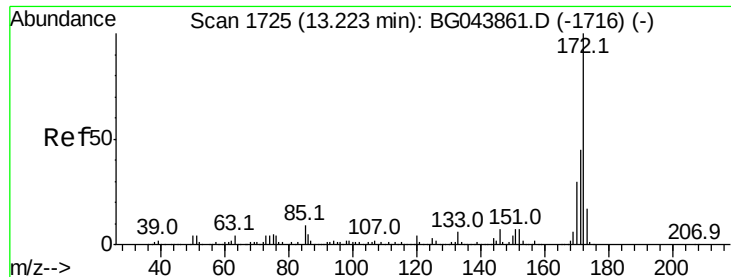
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



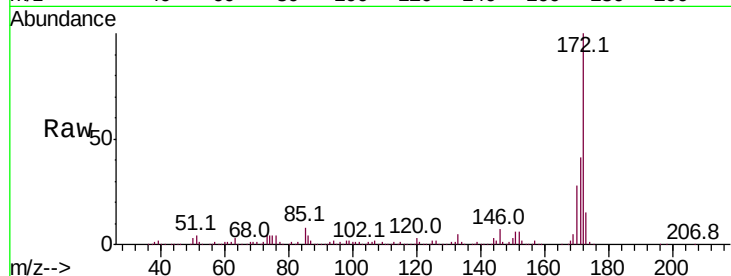


#45
 2-Fluorobiphenyl
 Concen: 88.046 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

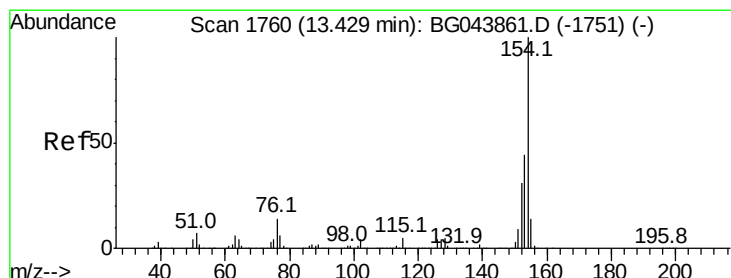
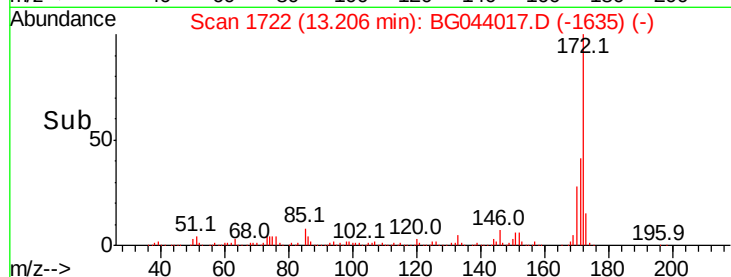
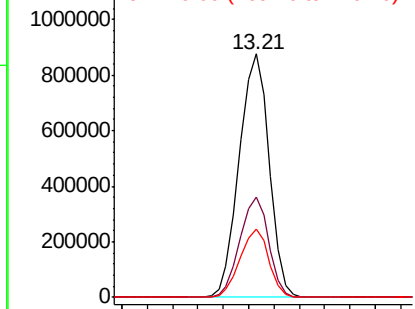
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1432334

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



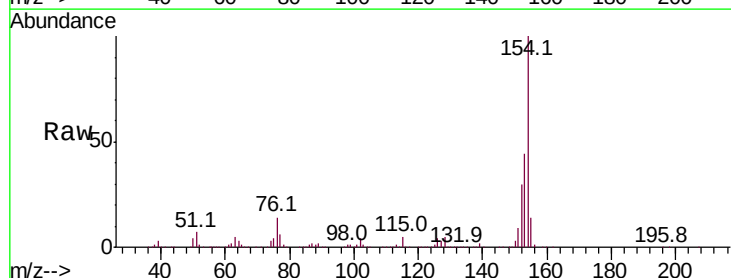
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



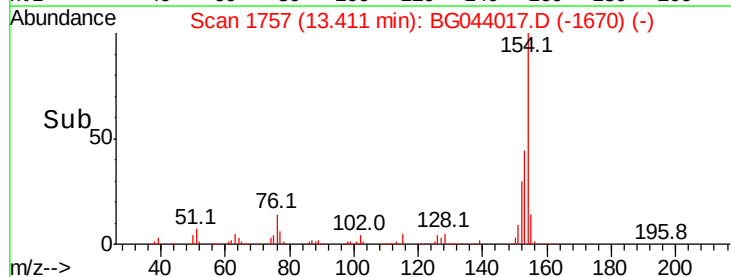
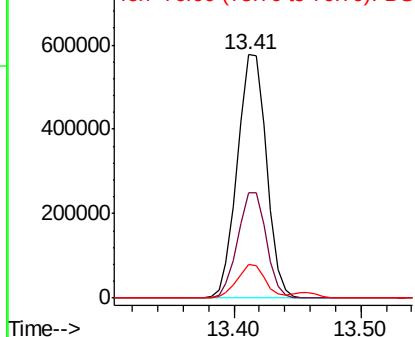
#46
 1,1'-Biphenyl
 Concen: 43.471 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

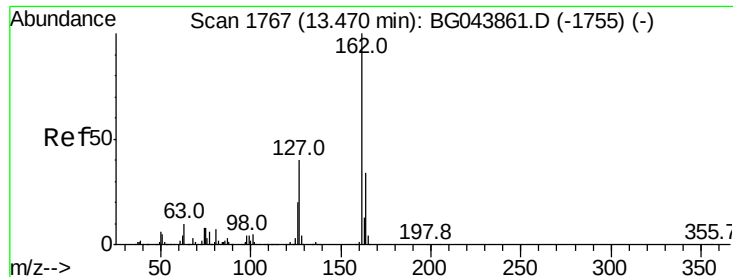
Tgt Ion:154 Resp: 918646

Ion	Ratio	Lower	Upper
154	100		
153	43.5	23.6	63.6
76	13.8	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

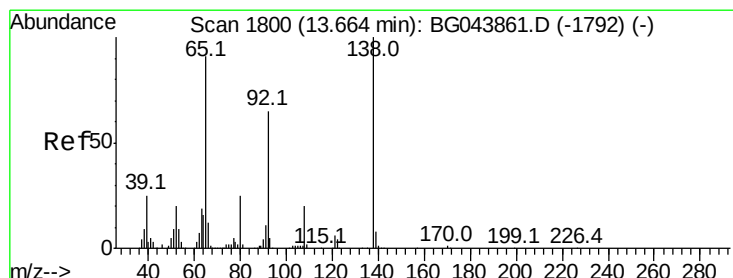
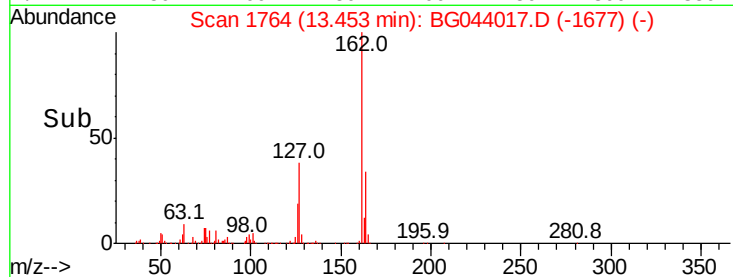
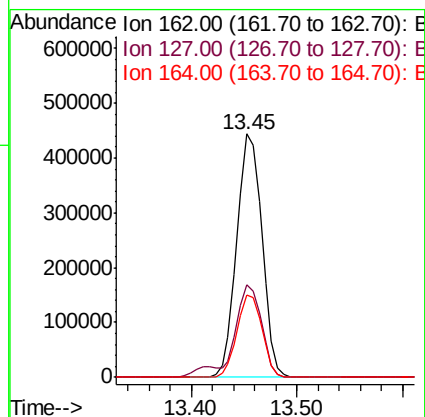
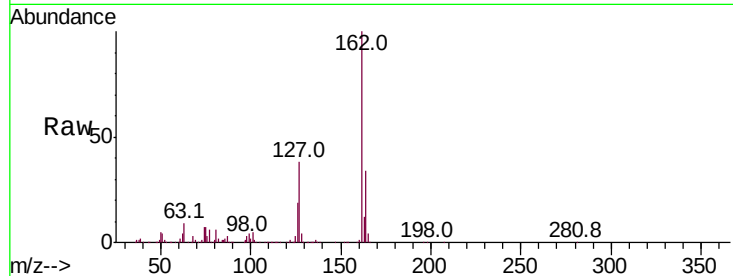




#47
2-Chloronaphthalene
Concen: 42.799 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

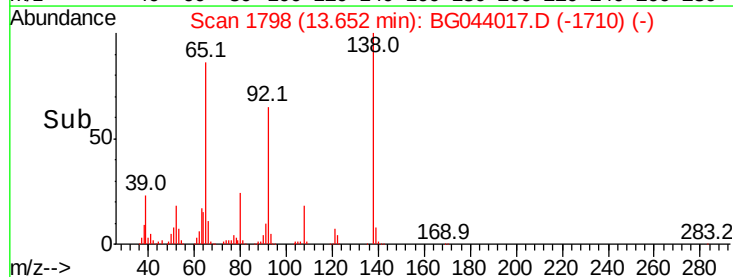
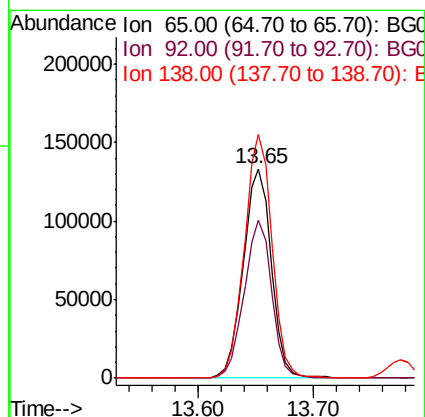
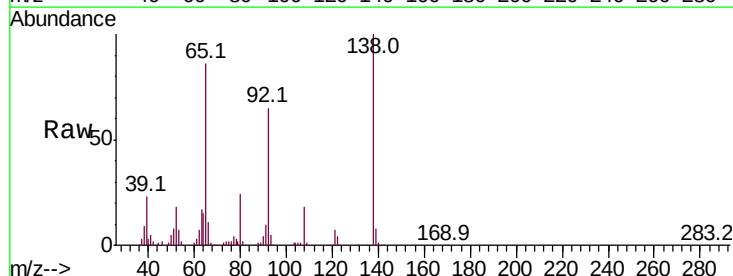
Instrument :
BNA_G
ClientSampled :

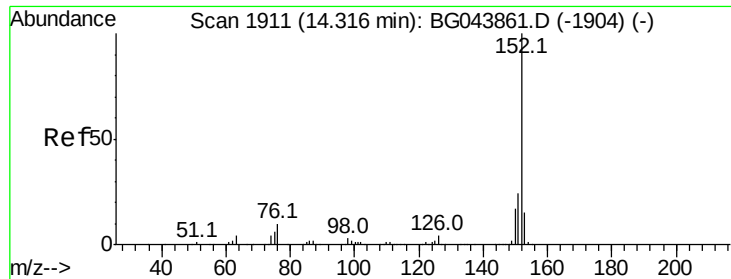
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	32.1	48.1
164	34.0	27.5	41.3



#48
2-Nitroaniline
Concen: 40.867 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	57.4	86.2
138	116.3	88.2	132.4





#49

Acenaphthylene

Concen: 46.651 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

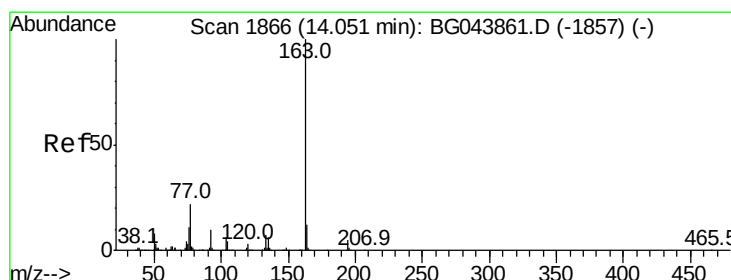
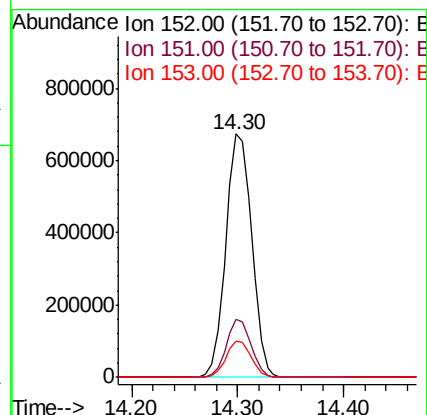
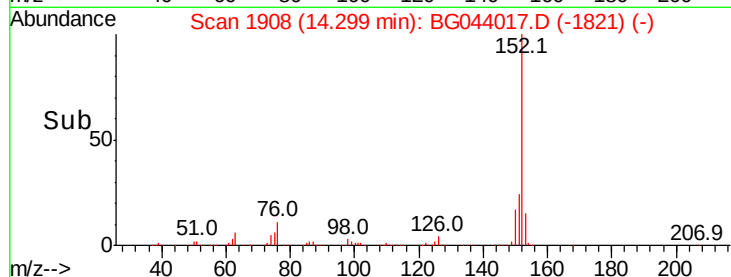
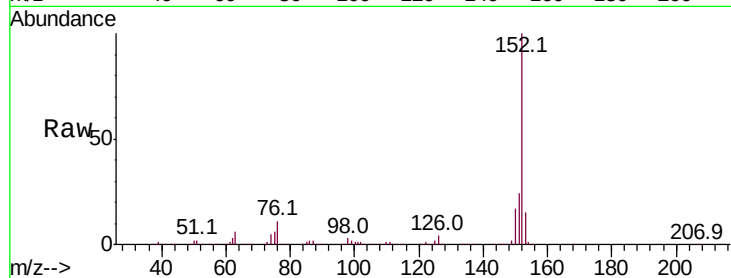
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1144981

Ion	Ratio	Lower	Upper
152	100		
151	23.6	19.4	29.2
153	15.0	12.0	18.0



#50

Dimethylphthalate

Concen: 44.566 ng

RT: 14.03 min Scan# 1863

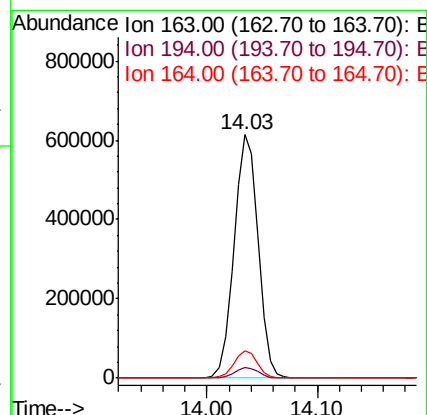
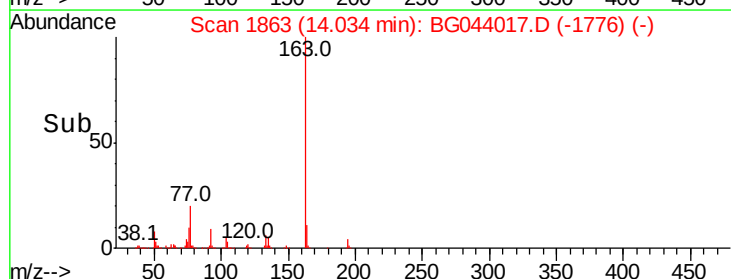
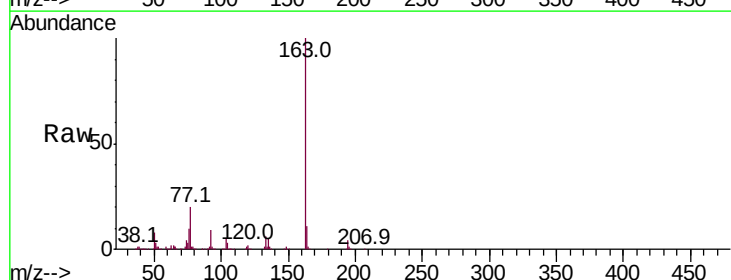
Delta R.T. -0.02 min

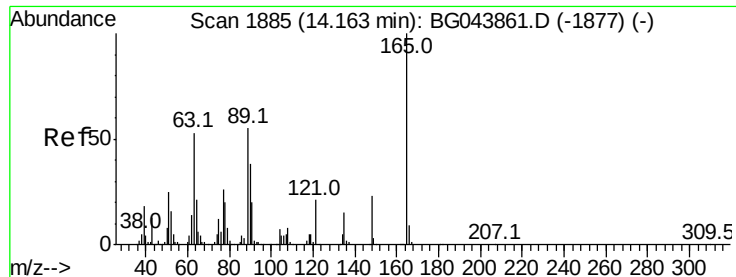
Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion:163 Resp: 932664

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	11.2	9.3	13.9

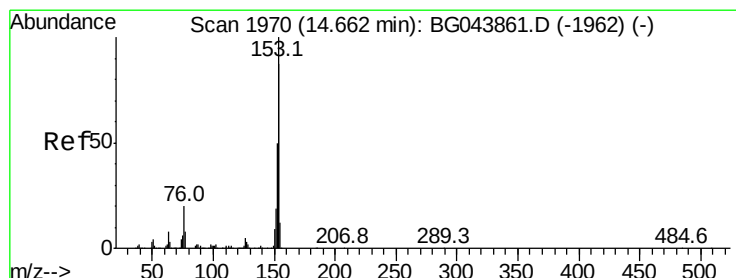
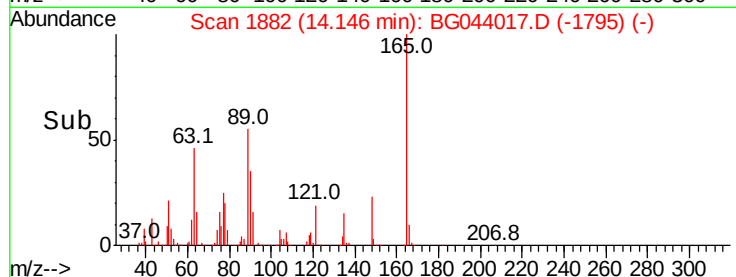
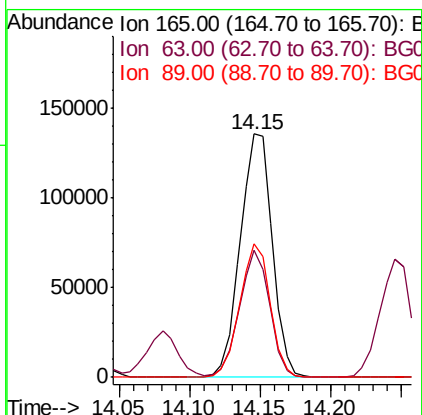
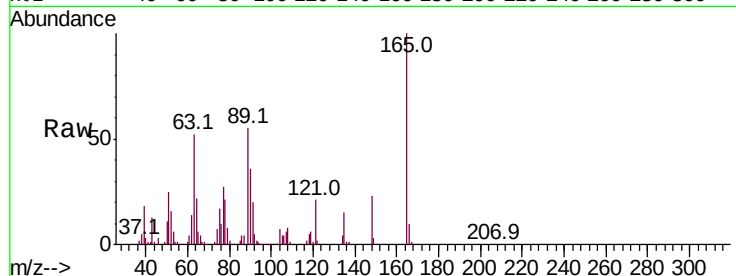




#51
 2,6-Dinitrotoluene
 Concen: 45.696 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

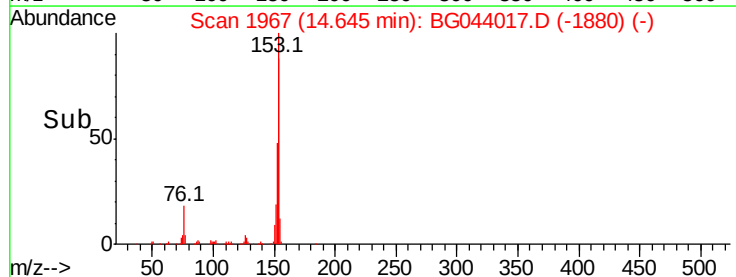
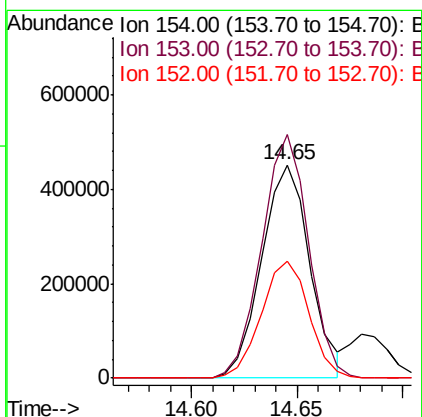
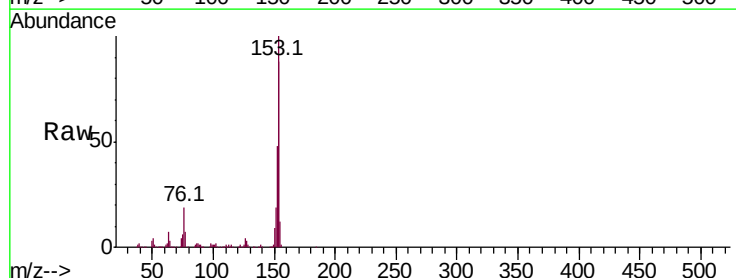
Instrument :
 BNA_G
 ClientSampled :

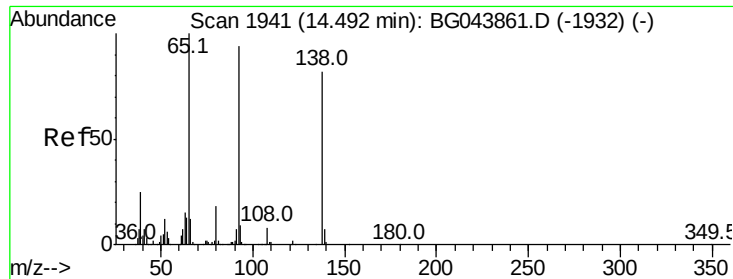
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.5	43.1	64.7
89	54.9	43.8	65.6



#52
 Acenaphthene
 Concen: 41.687 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.6	137.4
152	54.9	45.4	68.0





#53

3-Nitroaniline

Concen: 30.090 ng

RT: 14.47 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

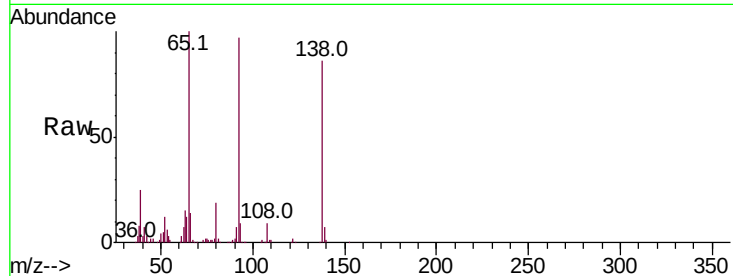
Tot Ion:138 Resp: 161629

Ion Ratio Lower Upper

138 100

108 10.1 7.4 11.2

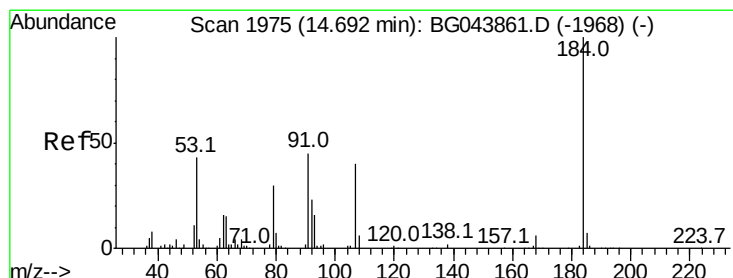
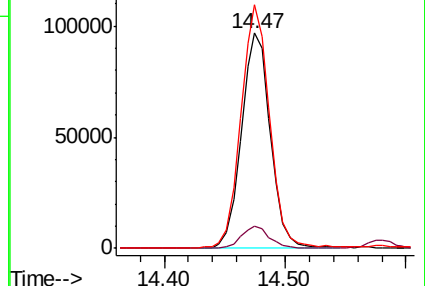
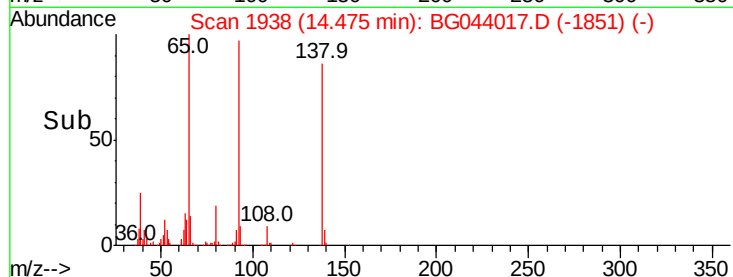
92 113.2 92.1 138.1



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: 100.415 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

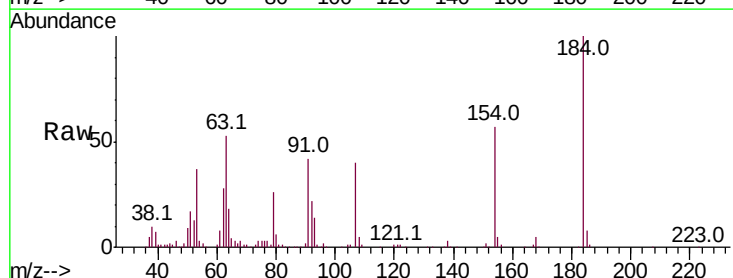
Tgt Ion:184 Resp: 245597

Ion Ratio Lower Upper

184 100

63 53.4 46.6 70.0

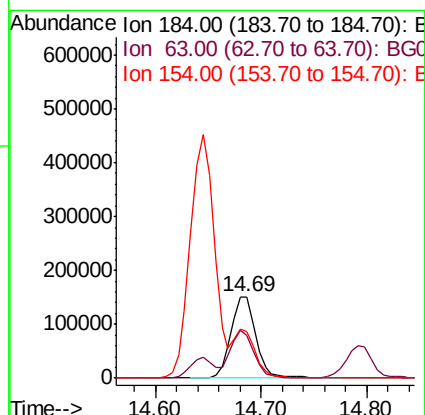
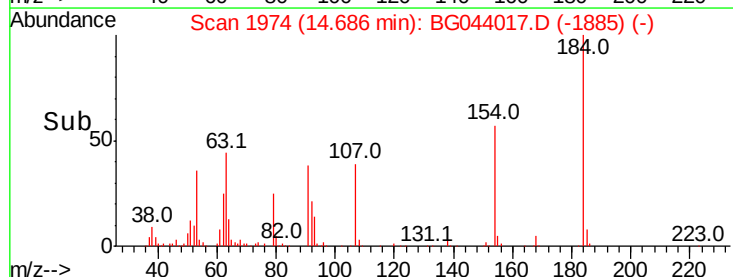
154 57.5 50.2 75.4

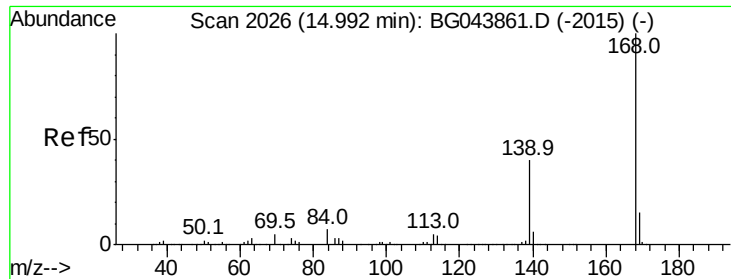


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

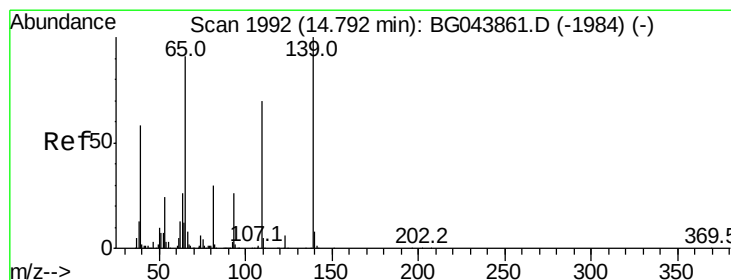
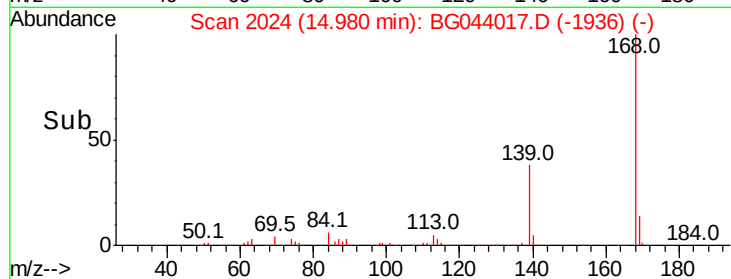
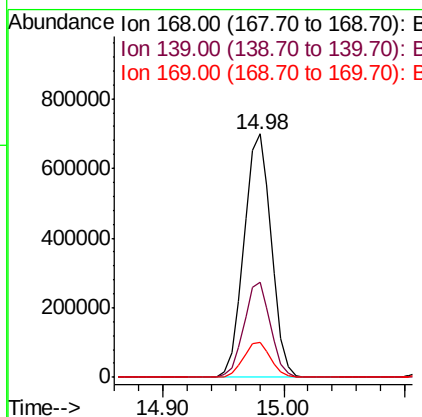
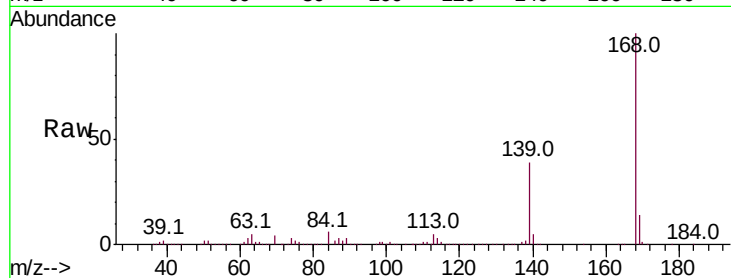




#55
Dibenzenofuran
Concen: 46.472 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

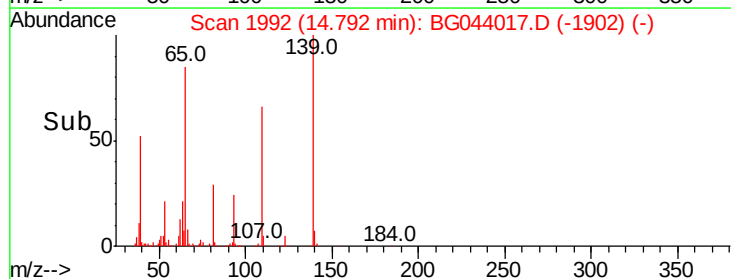
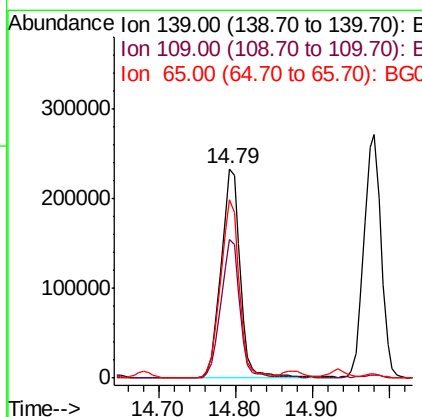
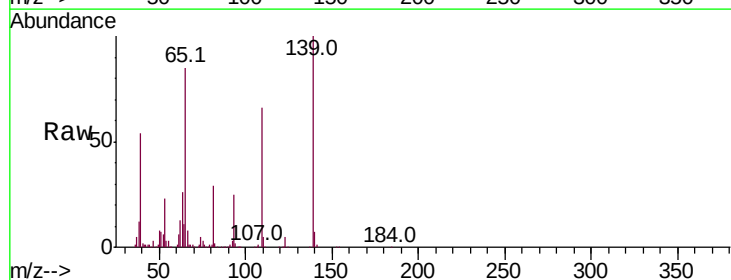
Instrument :
BNA_G
ClientSampleId :

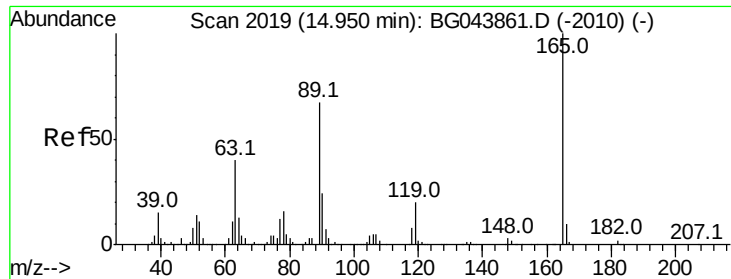
Tot Ion:168 Resp: 1101123
Ion Ratio Lower Upper
168 100
139 38.8 32.2 48.2
169 14.4 12.2 18.2



#56
4-Nitrophenol
Concen: 98.856 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion:139 Resp: 406910
Ion Ratio Lower Upper
139 100
109 66.4 50.4 90.4
65 85.4 71.4 111.4

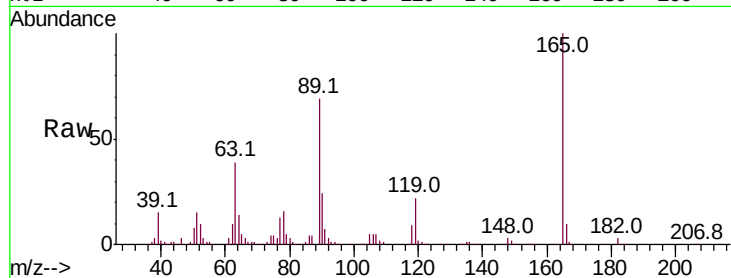




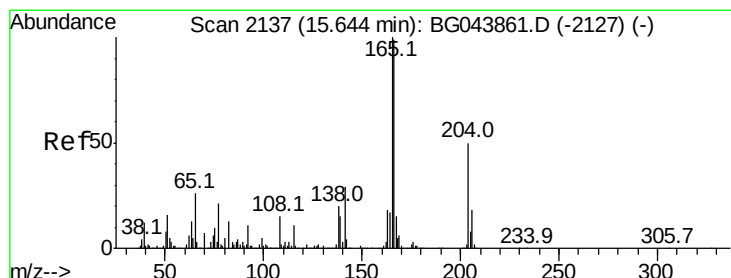
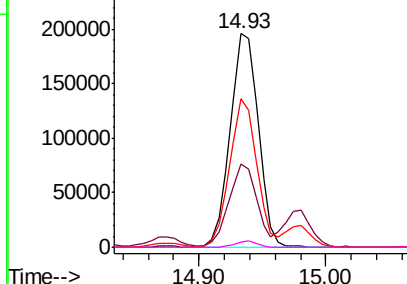
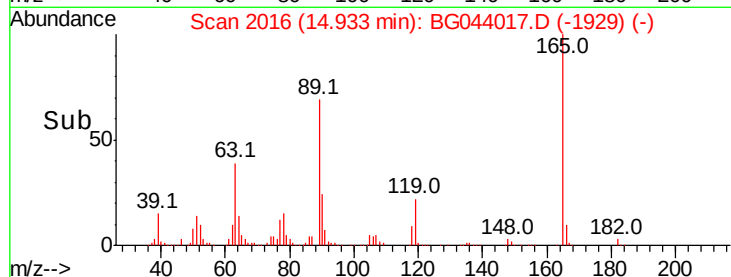
#57
2,4-Dinitrotoluene
Concen: 46.632 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 300134
Ion Ratio Lower Upper
165 100
63 39.1 31.9 47.9
89 69.3 53.8 80.6
182 2.5 2.0 3.0

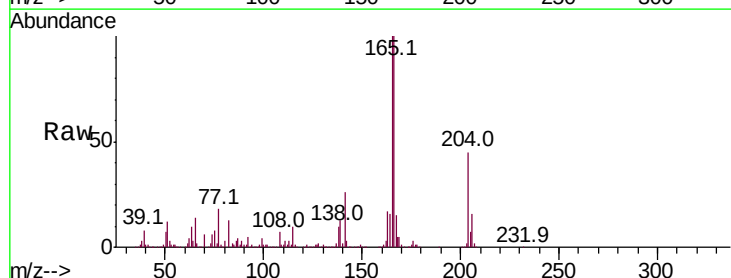


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

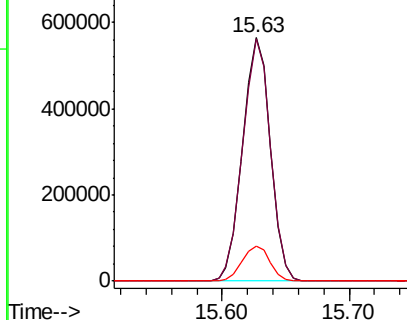
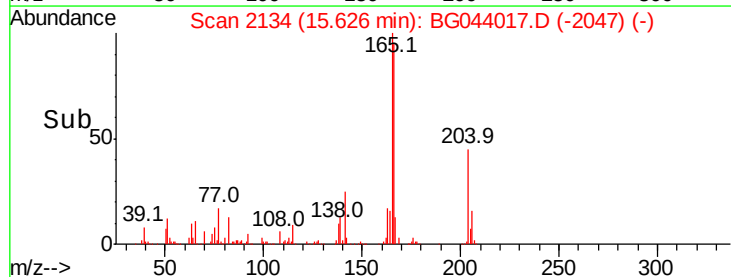


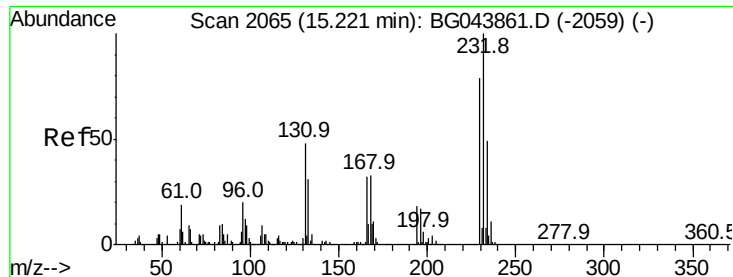
#58
Fluorene
Concen: 45.727 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion:166 Resp: 858772
Ion Ratio Lower Upper
166 100
165 99.6 80.8 121.2
167 14.6 12.1 18.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

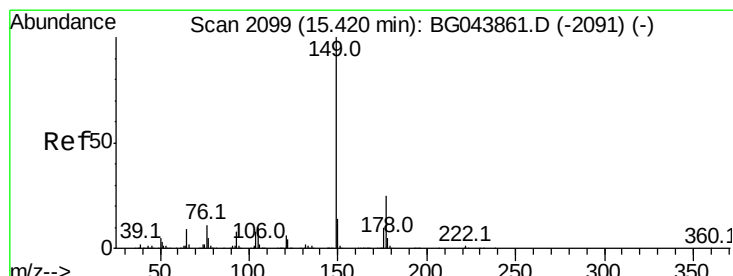
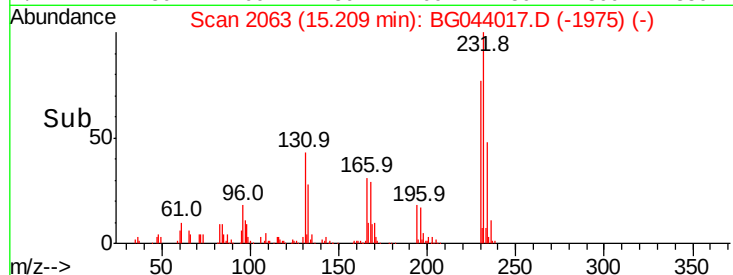
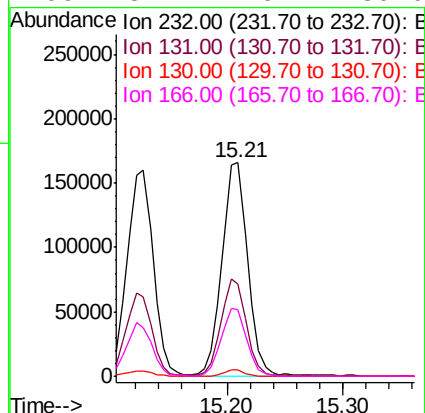
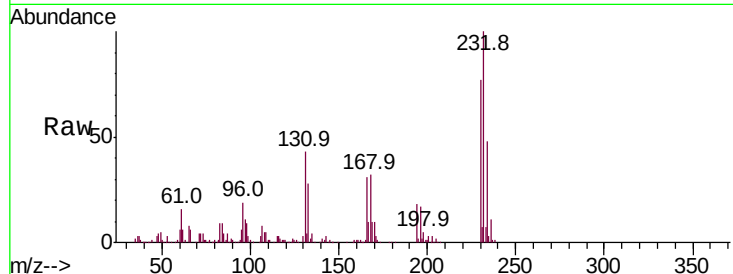




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.409 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

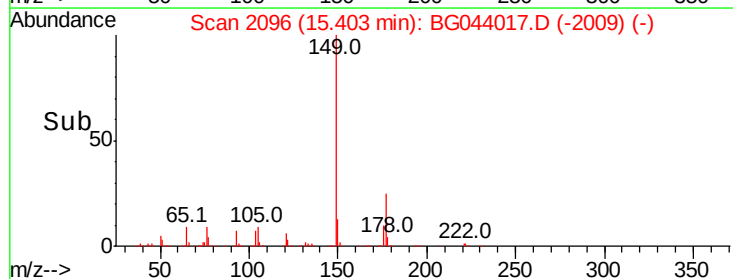
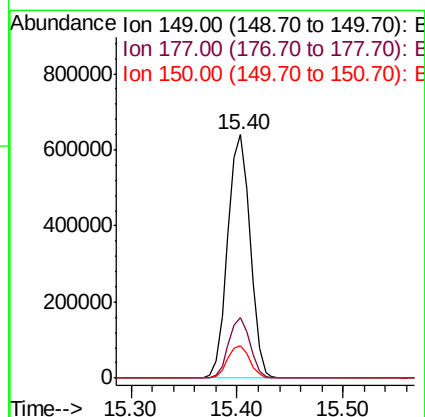
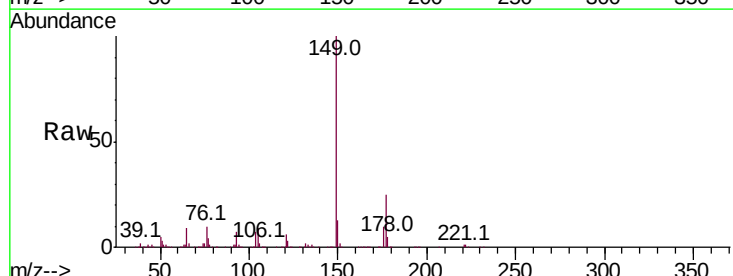
Instrument :
 BNA_G
 ClientSampleId :

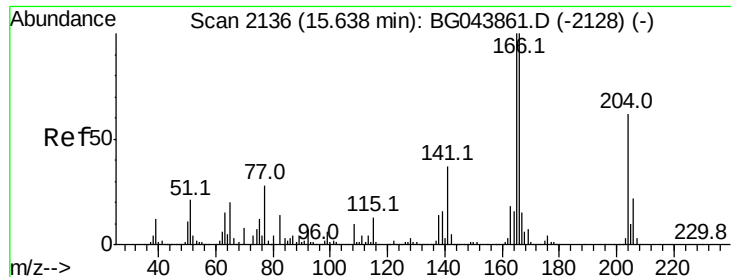
Tot Ion:	232	Resp:	255201
Ion	Ratio	Lower	Upper
232	100		
131	45.2	38.2	57.2
130	2.7	2.2	3.2
166	31.4	26.4	39.6



#60
 Diethylphthalate
 Concen: 44.758 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Tgt Ion:	149	Resp:	936856
Ion	Ratio	Lower	Upper
149	100		
177	24.7	20.0	30.0
150	13.4	11.1	16.7





#61

4-Chlorophenyl-phenylether

Concen: 44.268 ng

RT: 15.62 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampled :

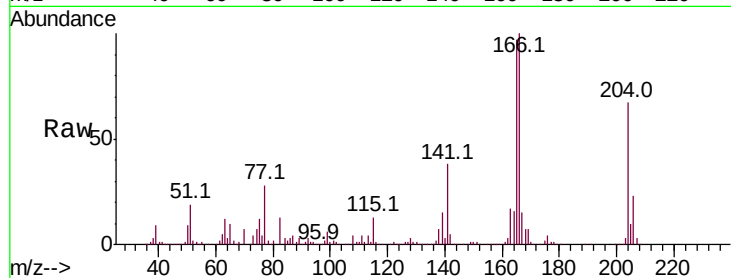
Tot Ion:204 Resp: 451428

Ion Ratio Lower Upper

204 100

206 35.0 28.2 42.2

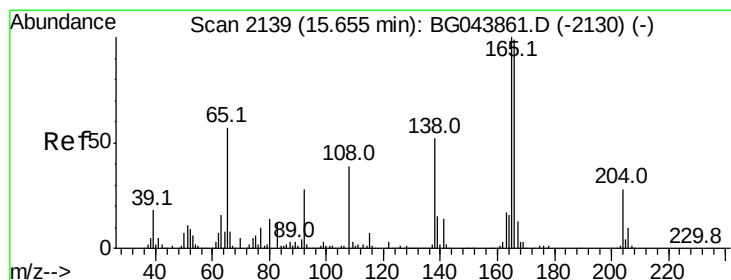
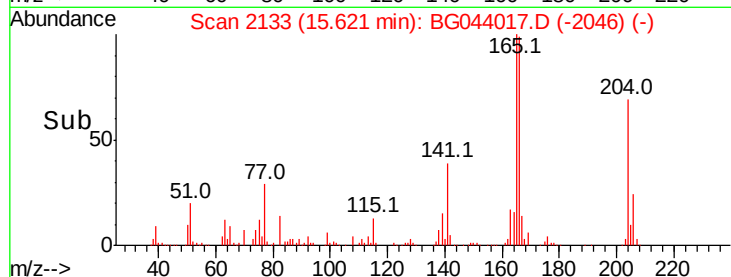
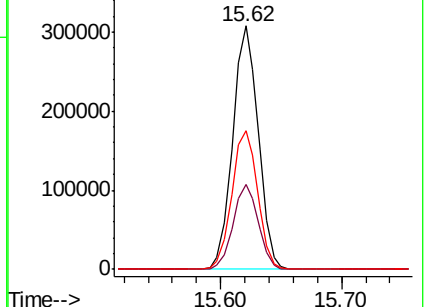
141 56.8 48.2 72.2



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: 40.718 ng

RT: 15.64 min Scan# 2136

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

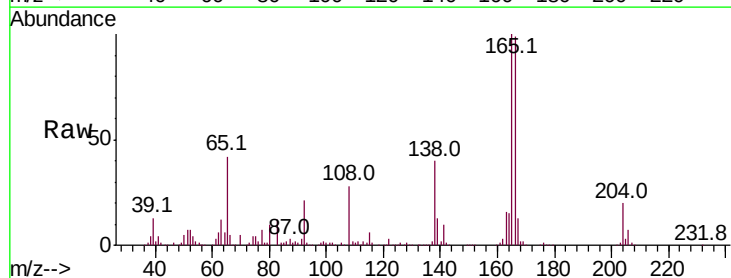
Tgt Ion:138 Resp: 215984

Ion Ratio Lower Upper

138 100

92 50.8 34.3 74.3

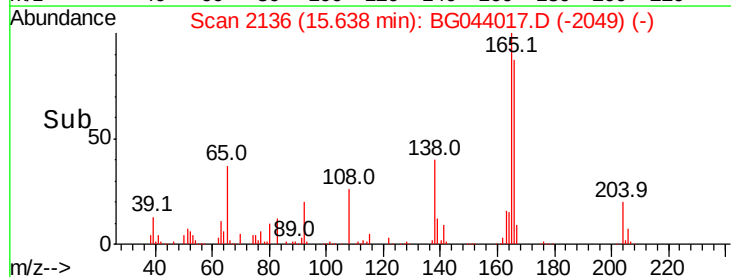
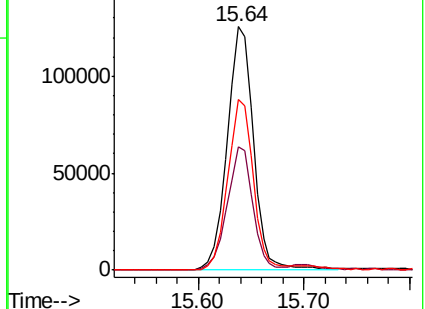
108 70.2 55.0 95.0

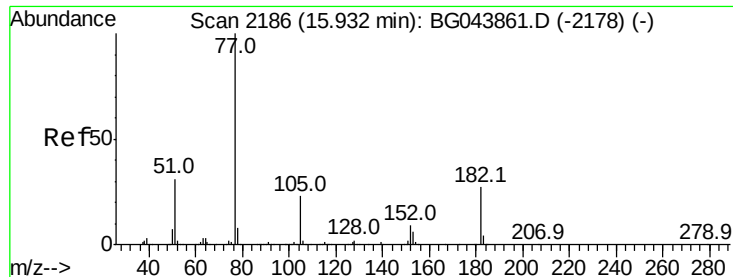


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.038 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 854853

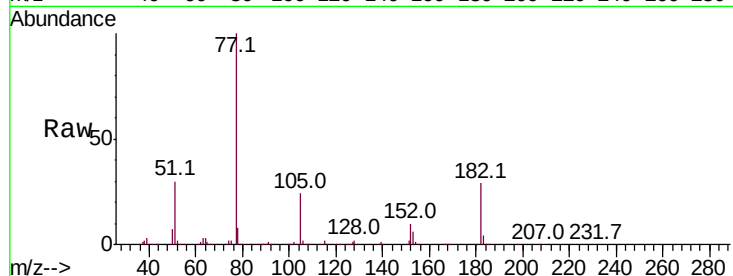
Ion Ratio Lower Upper

77 100

182 29.0 7.3 47.3

105 24.2 3.2 43.2

51 29.6 10.6 50.6

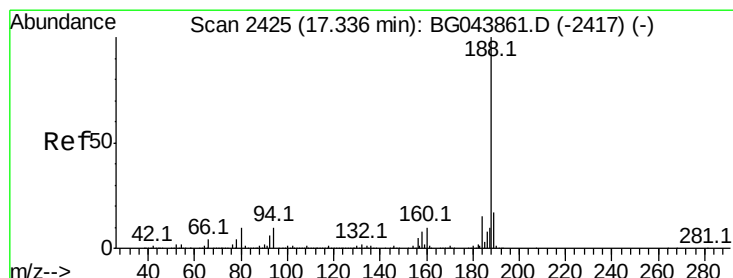
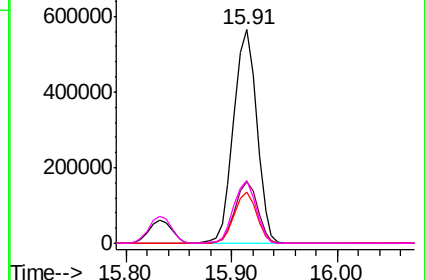
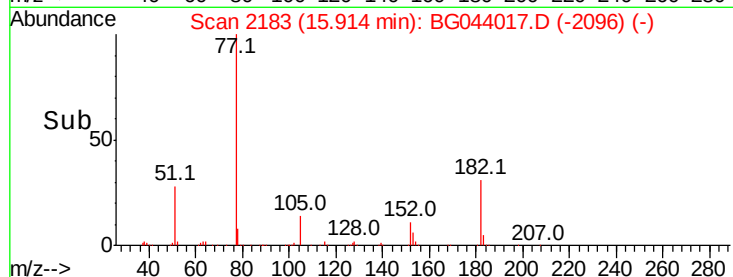


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.32 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

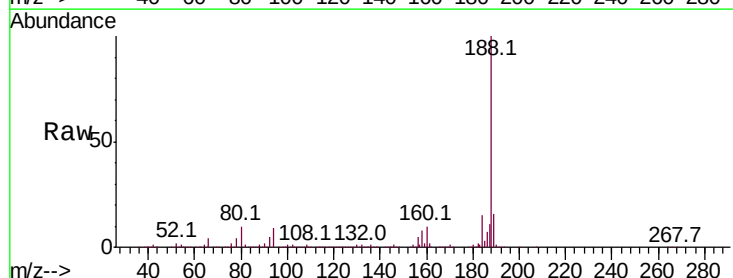
Tgt Ion: 188 Resp: 631399

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

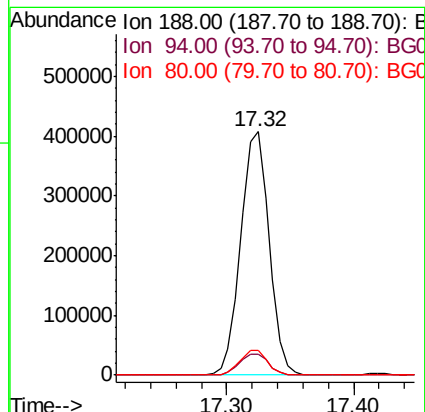
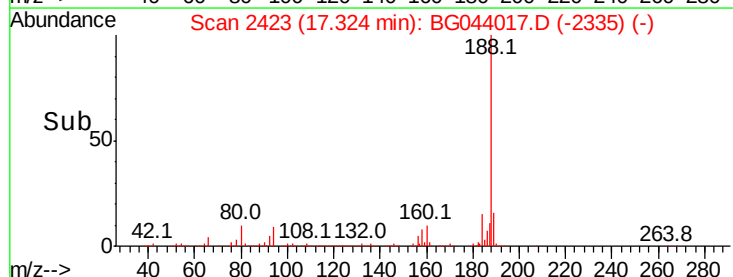
80 9.9 8.2 12.4

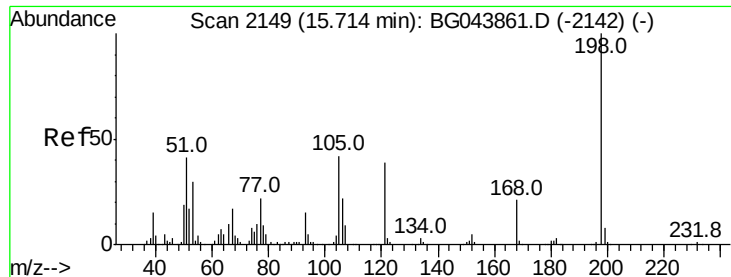


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

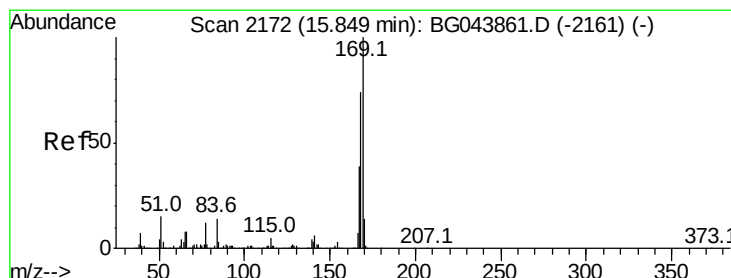
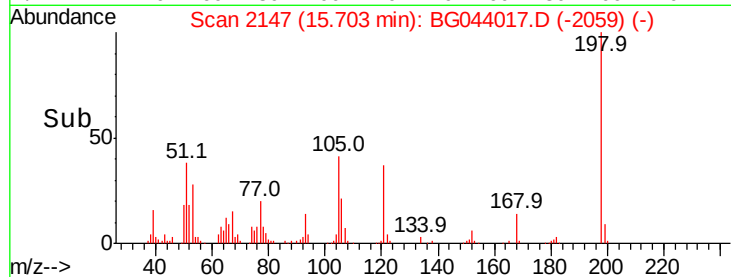
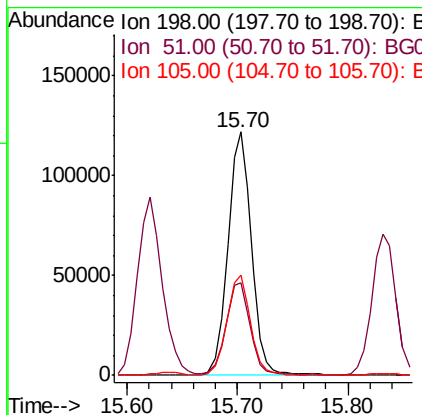
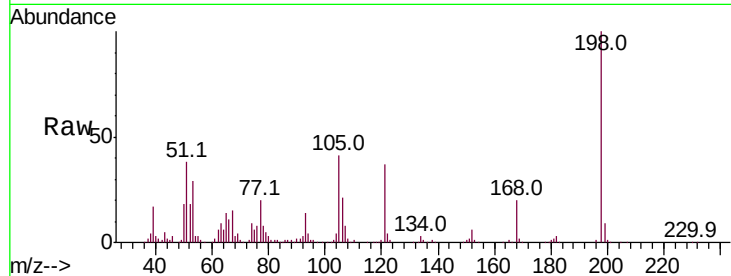




#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.110 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

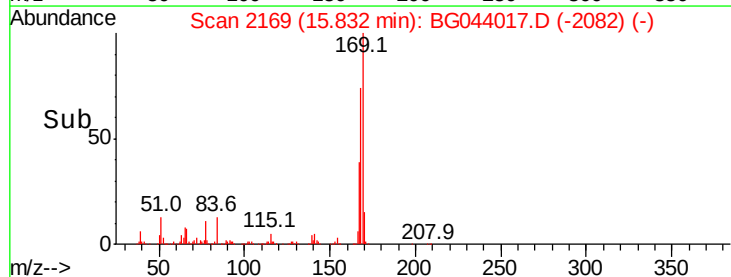
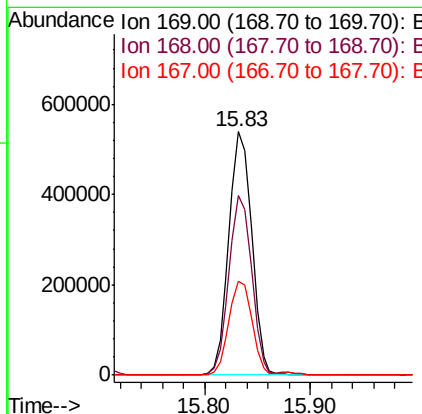
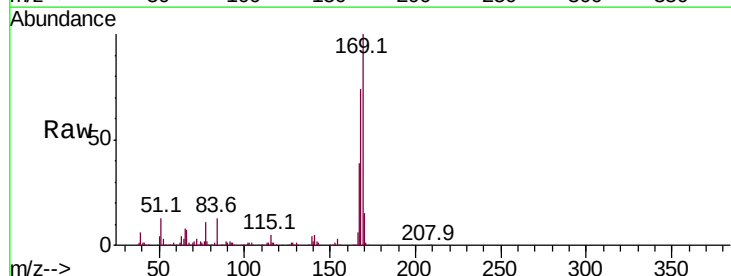
Instrument :
 BNA_G
 ClientSampleId :

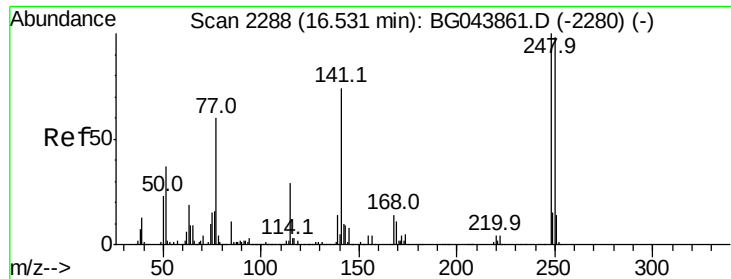
Tot Ion	Ratio	Lower	Upper
198	100		
51	37.9	22.5	62.5
105	41.2	22.3	62.3



#66
 n-Nitrosodiphenylamine
 Concen: 43.530 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.7	59.0	88.6
167	38.7	31.4	47.0

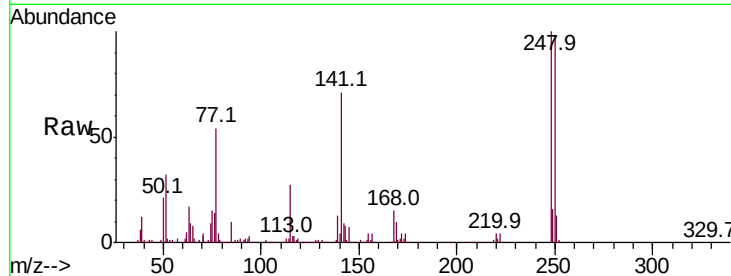




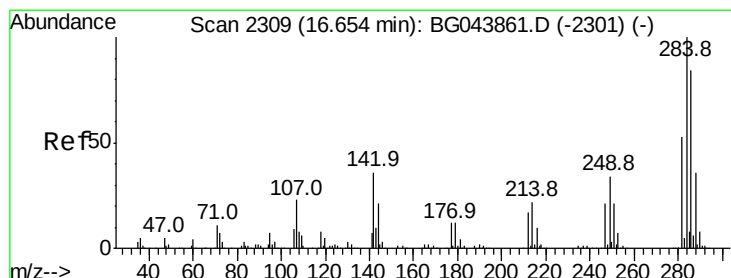
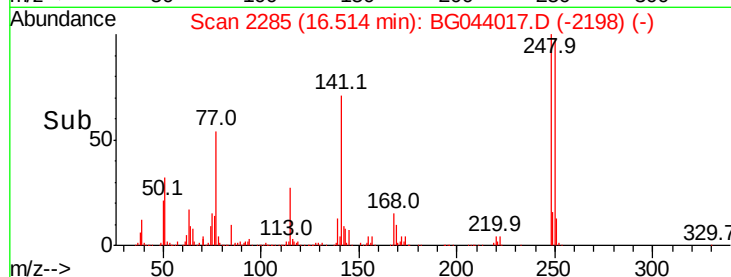
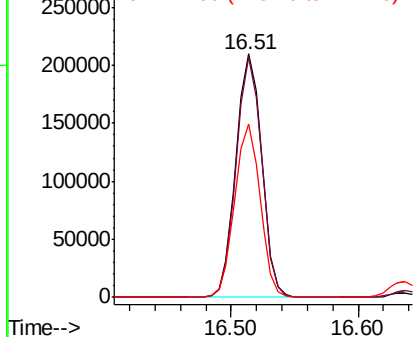
#67
4-Bromophenyl-phenylether
Concen: 41.427 ng
RT: 16.51 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 294187
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.2
141 71.3 59.3 88.9

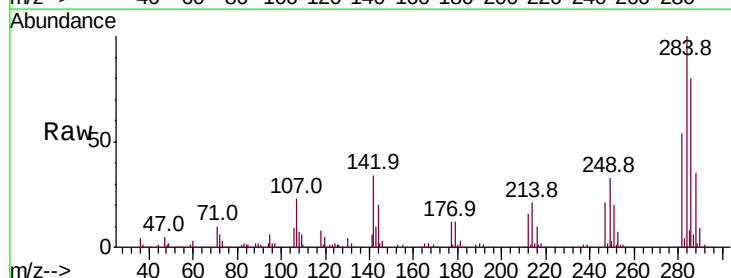


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

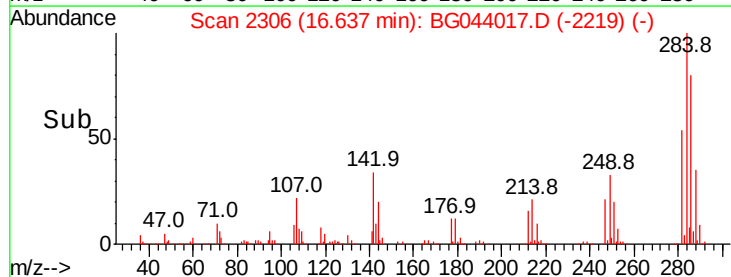
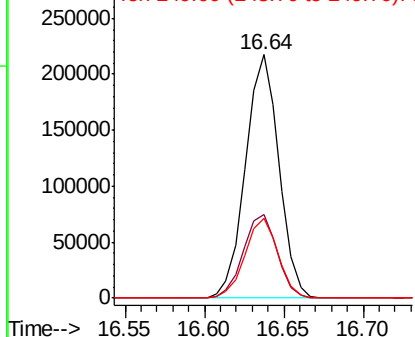


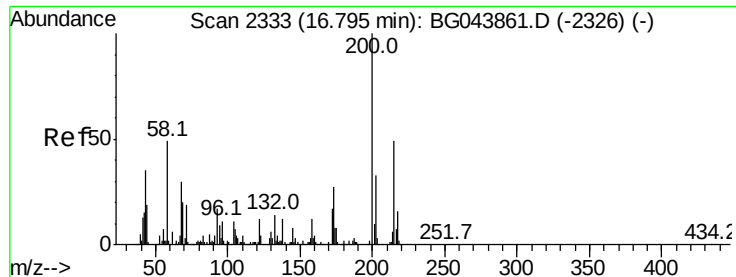
#68
Hexachlorobenzene
Concen: 41.526 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion:284 Resp: 317749
Ion Ratio Lower Upper
284 100
142 34.1 28.6 43.0
249 32.9 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: 51.273 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

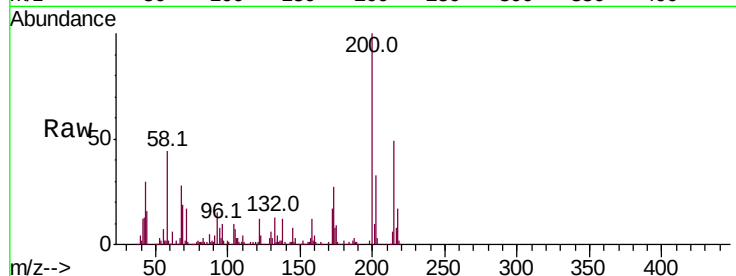
Tot Ion:200 Resp: 309891

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

215 48.6 28.6 68.6

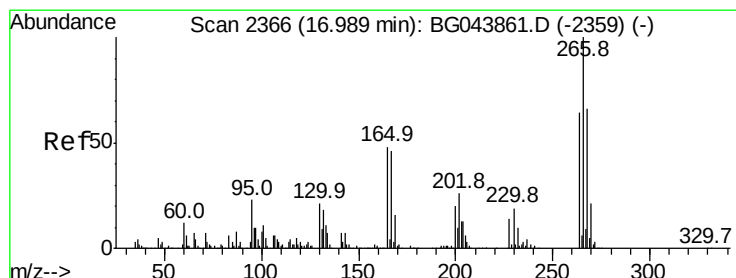
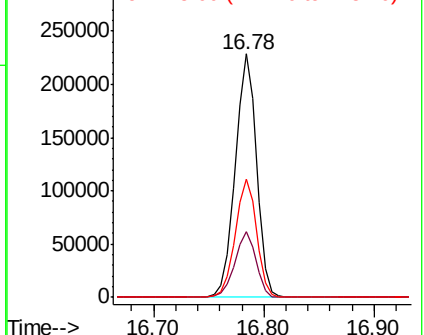
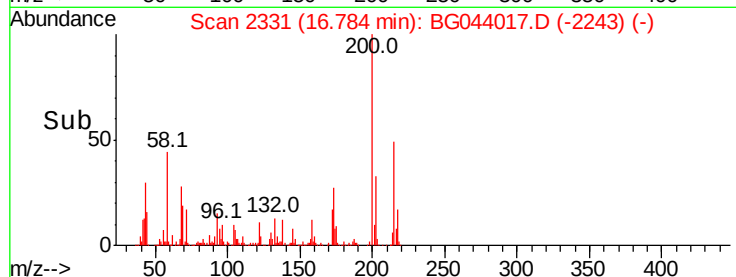


Abundance

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: 91.307 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

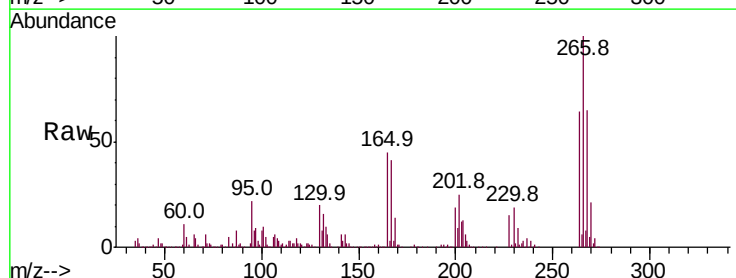
Tgt Ion:266 Resp: 385144

Ion Ratio Lower Upper

266 100

268 65.5 52.6 79.0

264 63.7 50.8 76.2

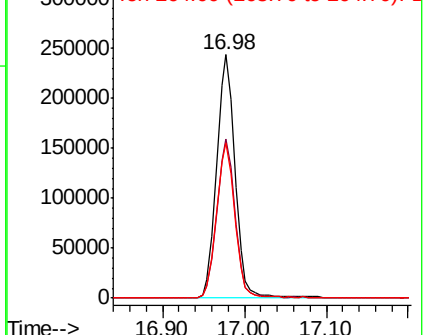
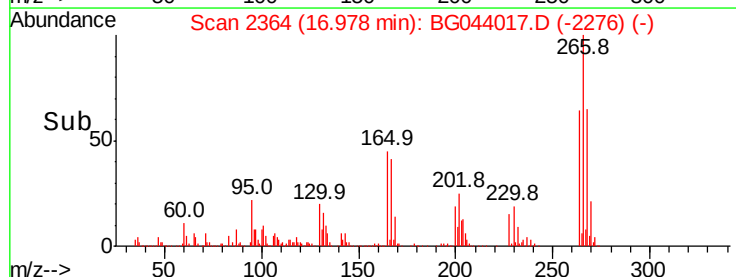


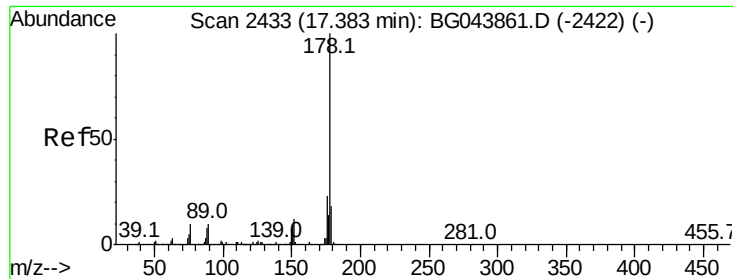
Abundance

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

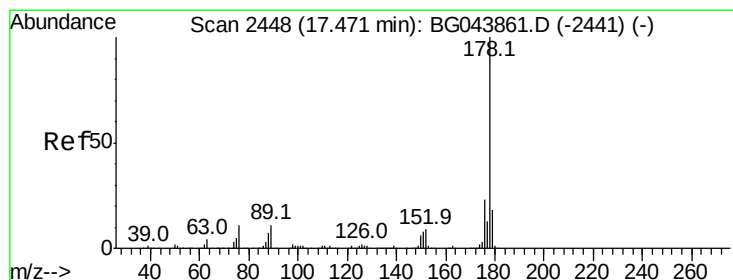
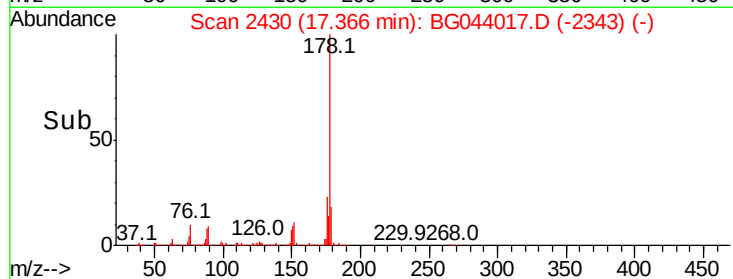
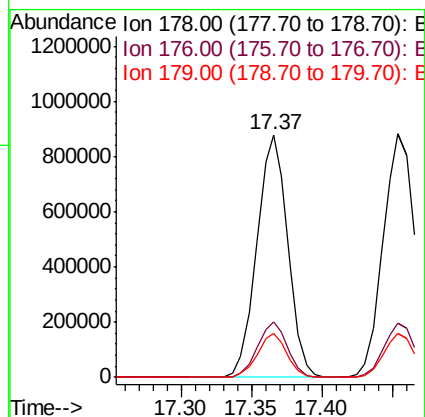
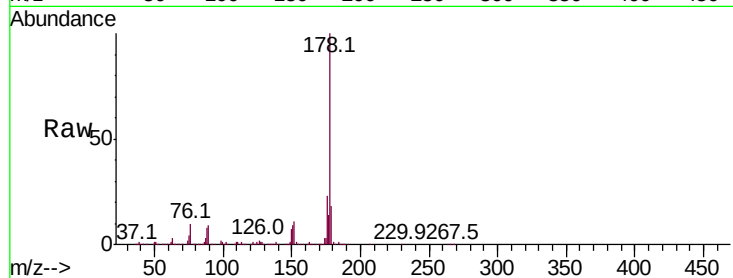




#71
Phenanthrene
Concen: 44.541 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

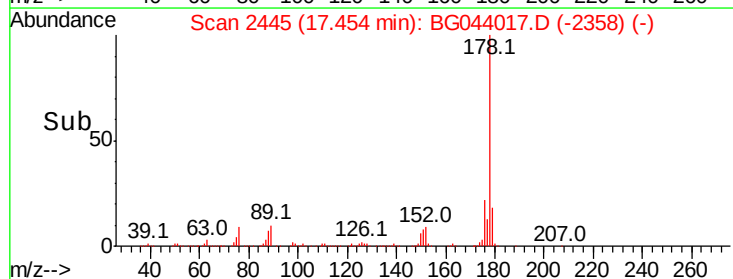
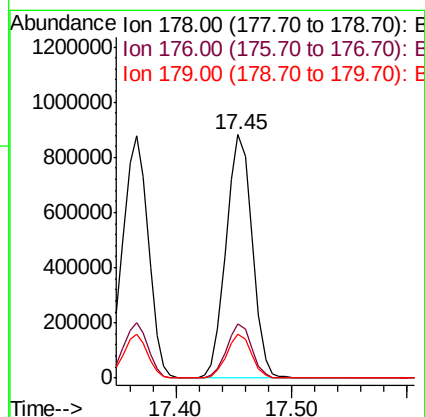
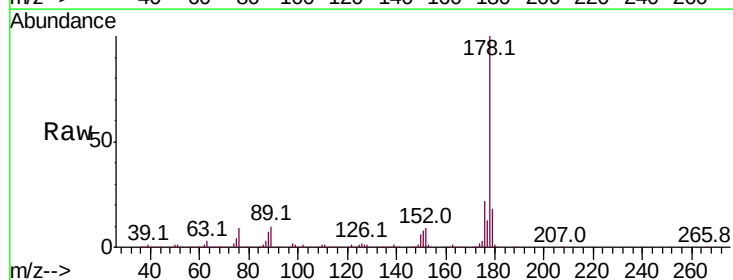
Instrument :
BNA_G
ClientSampleId :

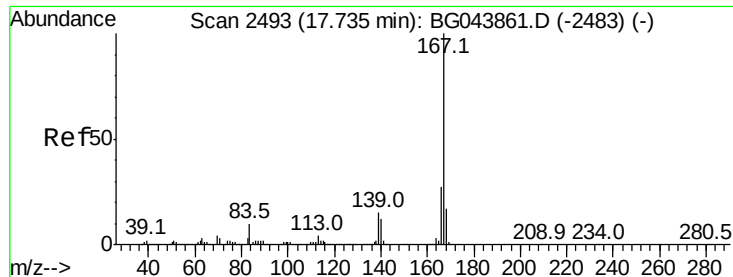
Tot Ion:178 Resp: 1348914
Ion Ratio Lower Upper
178 100
176 23.1 18.6 28.0
179 18.2 14.4 21.6



#72
Anthracene
Concen: 46.231 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion:178 Resp: 1383708
Ion Ratio Lower Upper
178 100
176 22.2 18.3 27.5
179 18.1 14.6 22.0



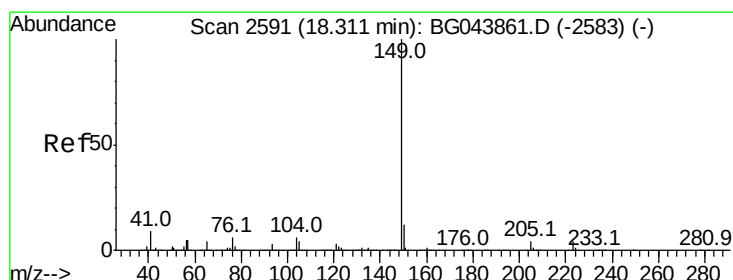
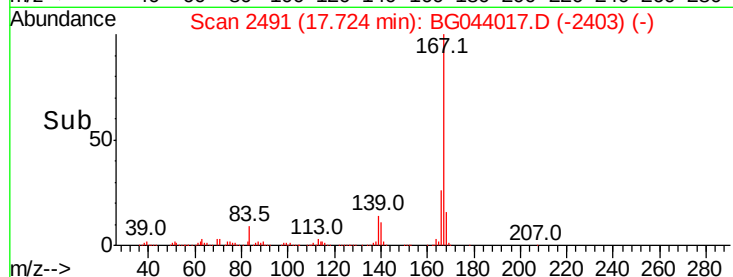
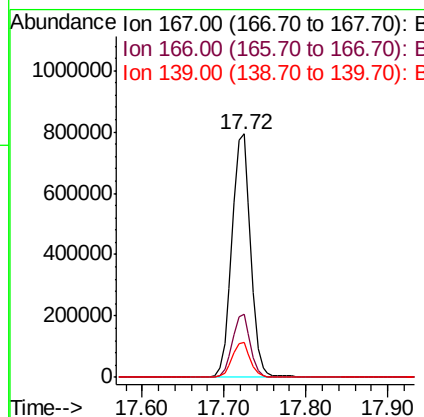
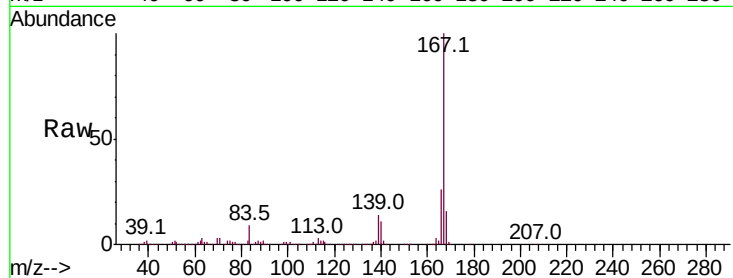


#73
 Carbazole
 Concen: 45.935 ng
 RT: 17.72 min Scan# 2491
 Delta R.T. -0.01 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1269979

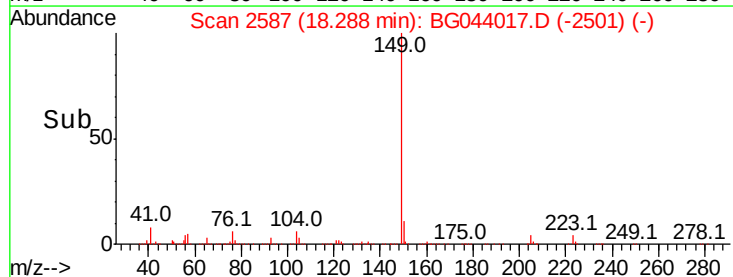
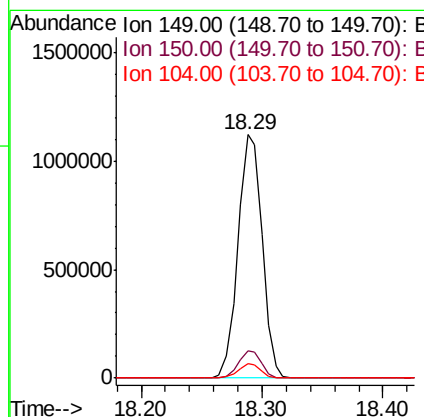
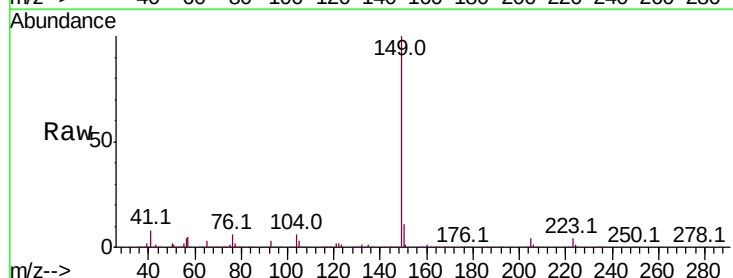
Ion	Ratio	Lower	Upper
167	100		
166	25.7	21.6	32.4
139	14.3	12.1	18.1

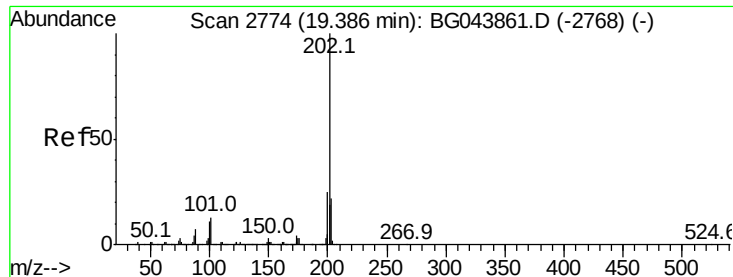


#74
 Di-n-butylphthalate
 Concen: 44.368 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044017.D
 Acq: 13 Jan 2020 18:21

Tgt Ion:149 Resp: 1566120

Ion	Ratio	Lower	Upper
149	100		
150	11.1	9.7	14.5
104	5.8	5.0	7.4





#75

Fluoranthene

Concen: 44.952 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampled :

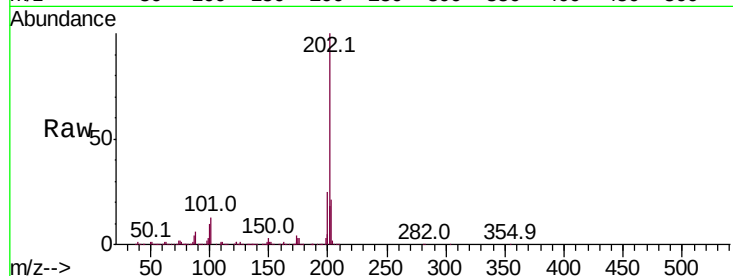
Tot Ion:202 Resp: 1556923

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.3

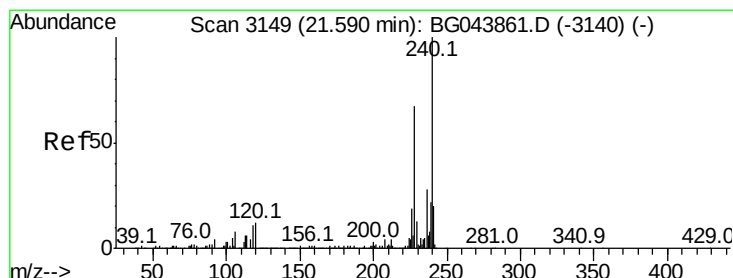
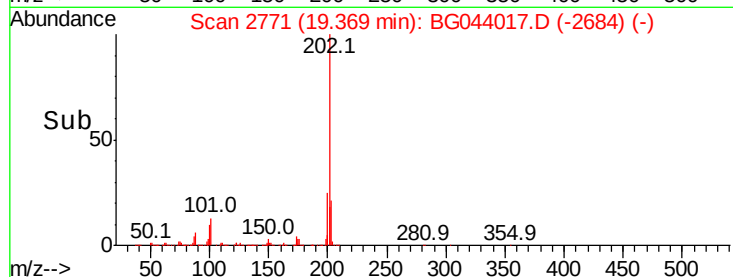
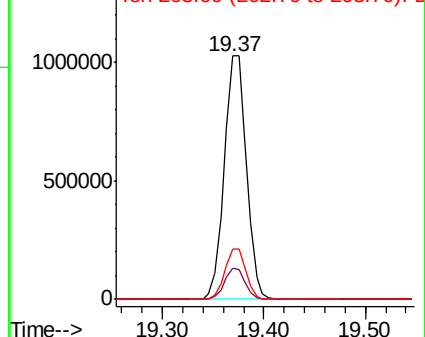
203 20.5 1.6 41.6



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: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

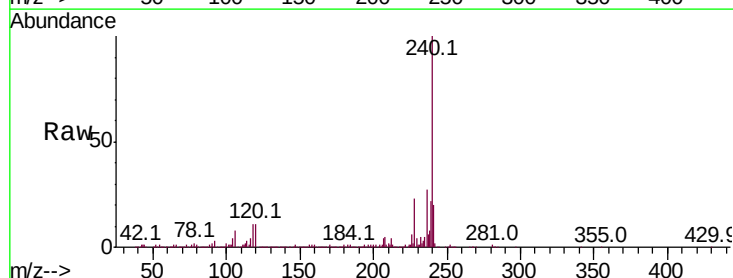
Tgt Ion:240 Resp: 551134

Ion Ratio Lower Upper

240 100

120 10.8 9.6 14.4

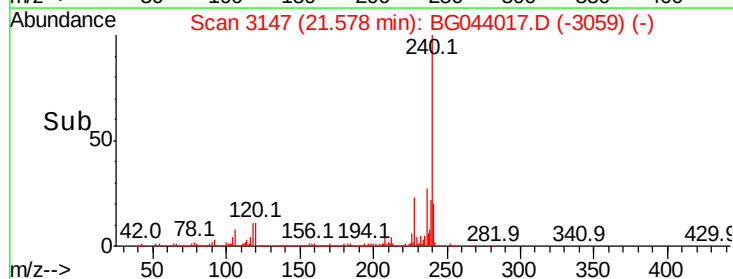
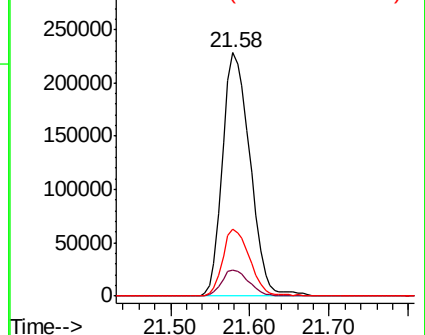
236 27.3 22.2 33.2

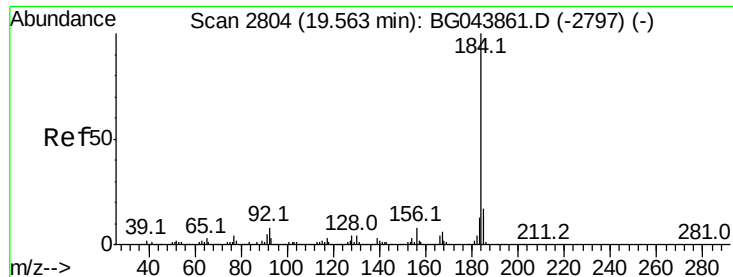


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.504 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

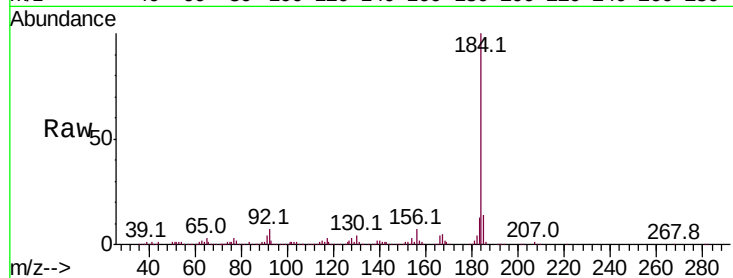
Tot Ion:184 Resp: 505693

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

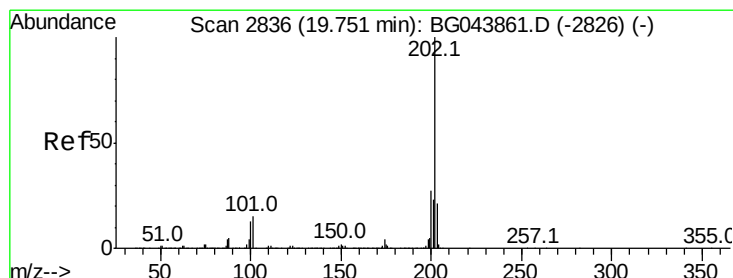
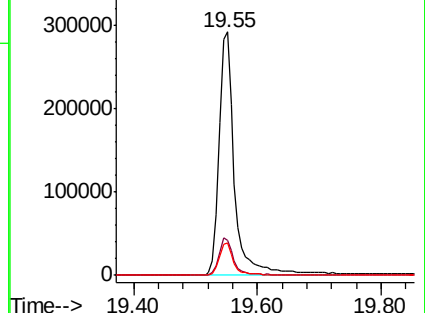
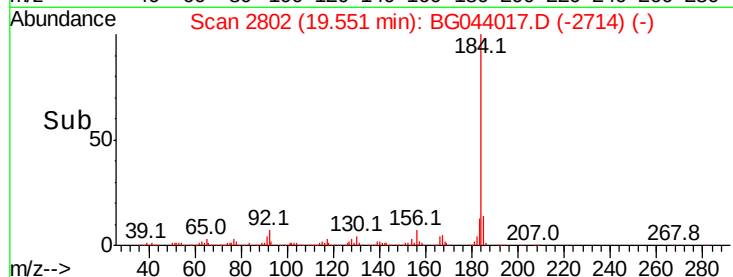
183 13.2 10.6 15.8



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: 43.955 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

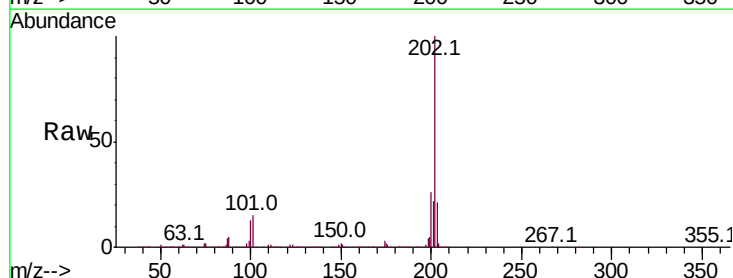
Tgt Ion:202 Resp: 1581261

Ion Ratio Lower Upper

202 100

200 25.9 21.7 32.5

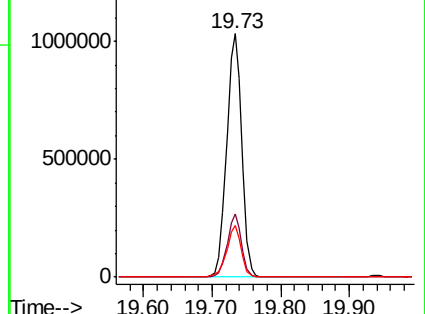
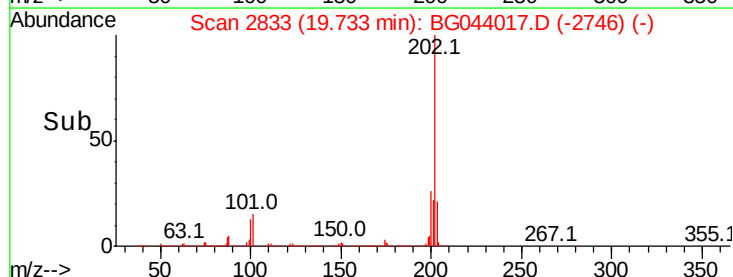
203 21.2 17.0 25.6

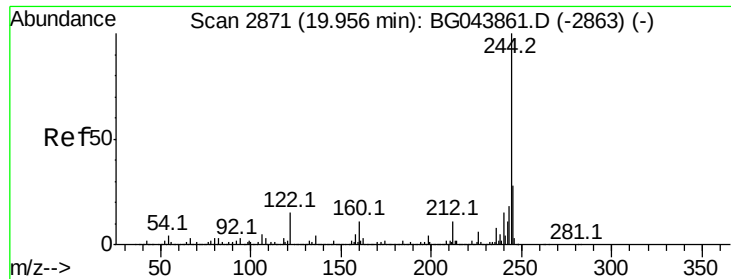


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.153 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

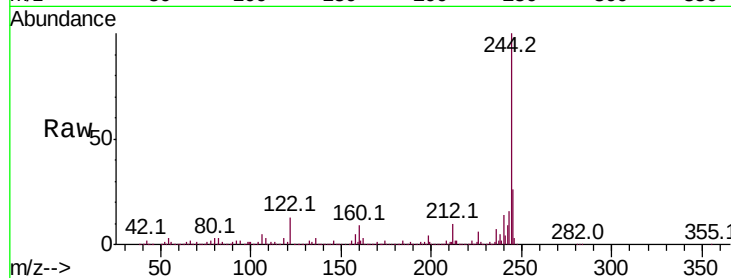
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2060957

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

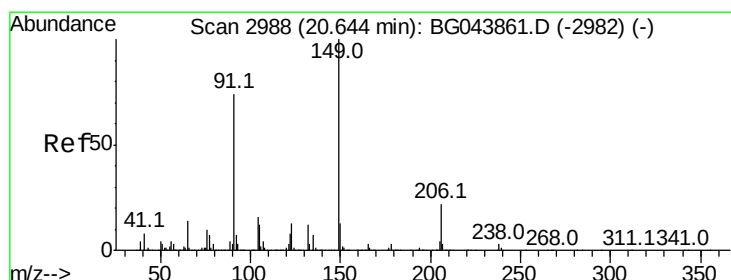
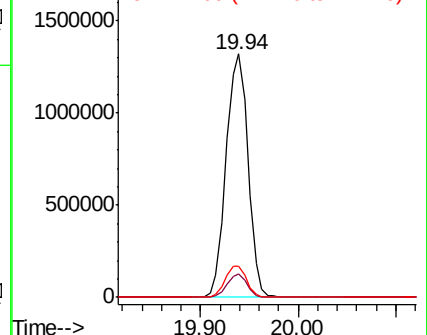
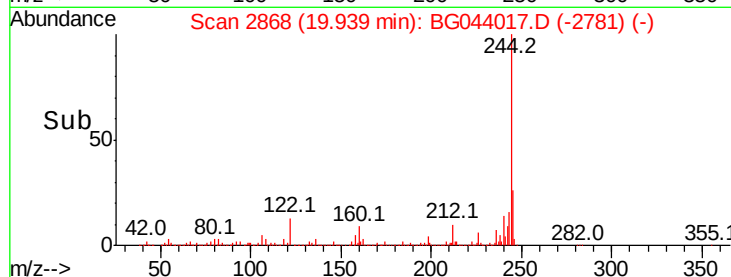


Abundance

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: 42.885 ng

RT: 20.63 min Scan# 2985

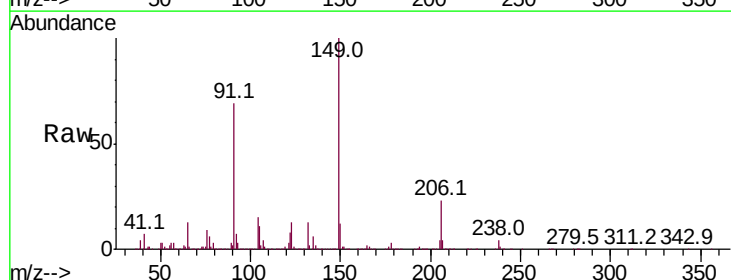
Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion:149 Resp: 734506

Ion	Ratio	Lower	Upper
149	100		
91	69.2	59.5	89.3
206	22.8	17.8	26.6

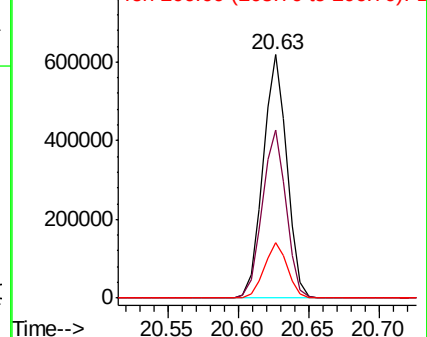
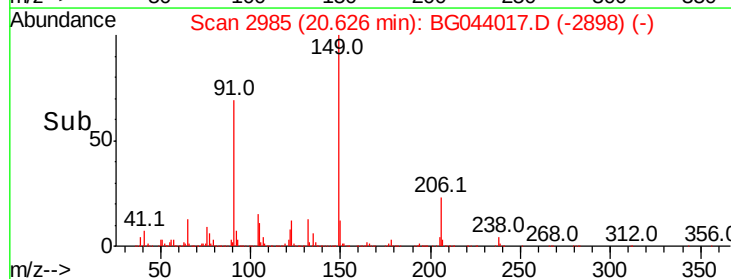


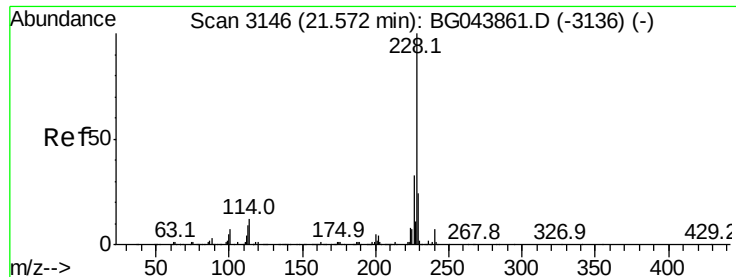
Abundance

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: 43.549 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

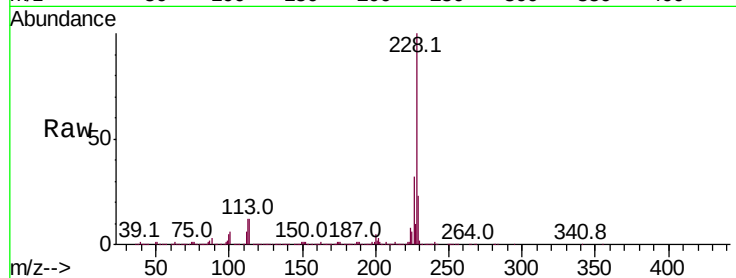
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1488258

Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.2	39.4
229	23.1	18.9	28.3

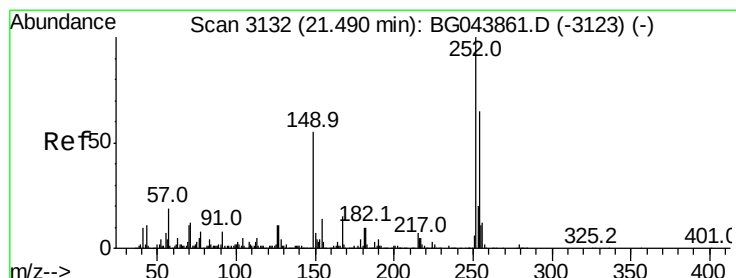
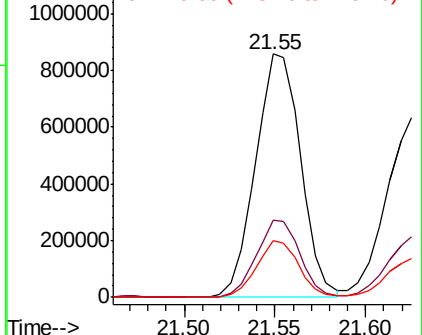
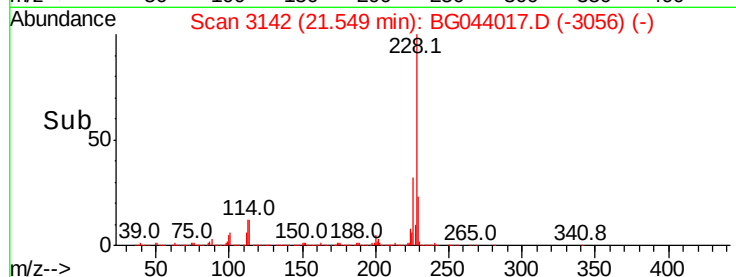


Abundance

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: 34.283 ng

RT: 21.47 min Scan# 3129

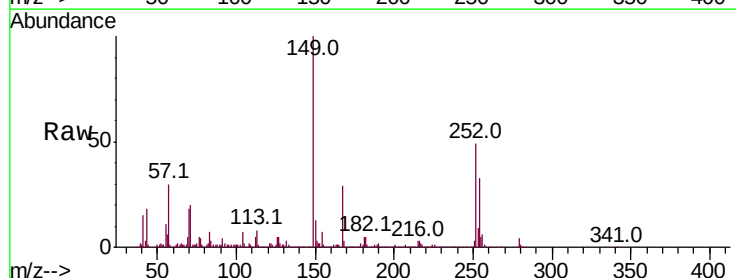
Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion:252 Resp: 462865

Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.1	78.1
126	10.6	9.1	13.7

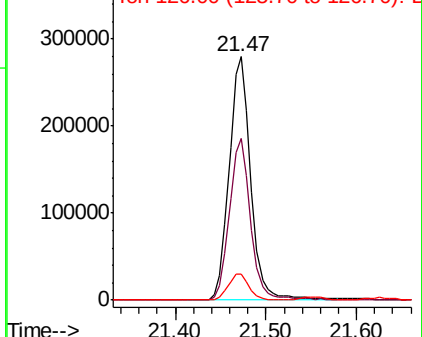
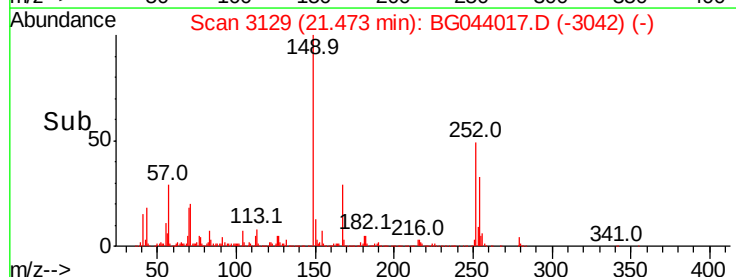


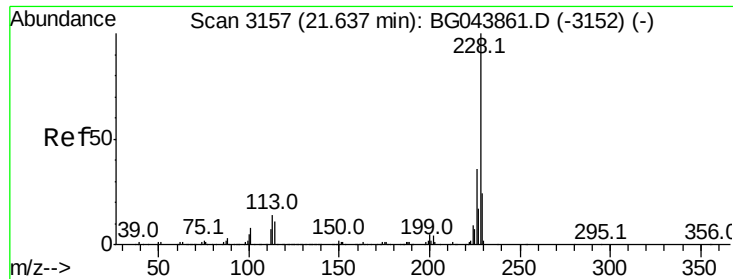
Abundance

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: 46.084 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

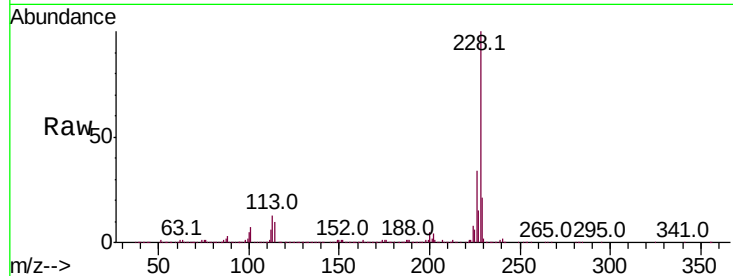
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1496446

Ion	Ratio	Lower	Upper
228	100		
226	33.8	28.8	43.2
229	21.4	19.0	28.6

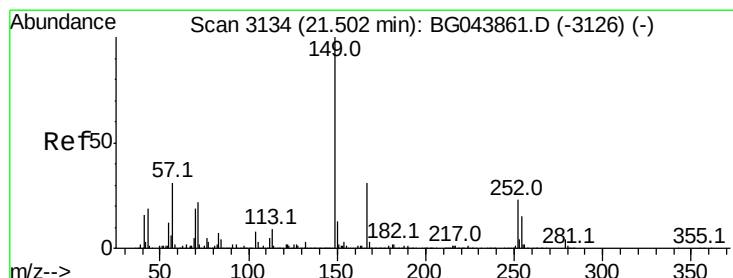
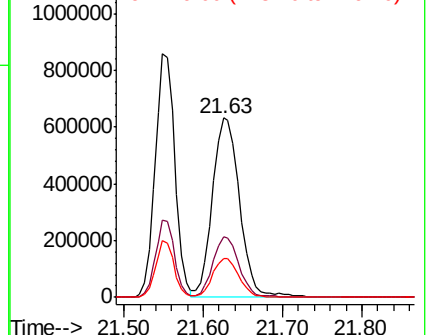
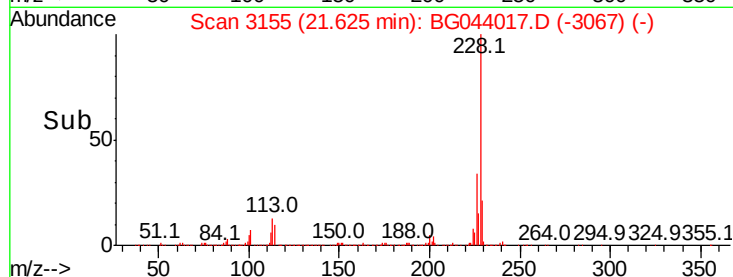


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.261 ng

RT: 21.48 min Scan# 3130

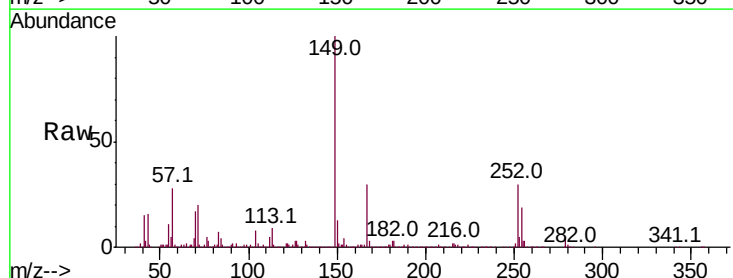
Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Tgt Ion:149 Resp: 1022356

Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.7	37.1
279	4.5	3.3	4.9

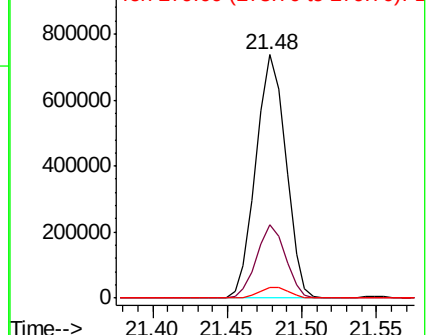
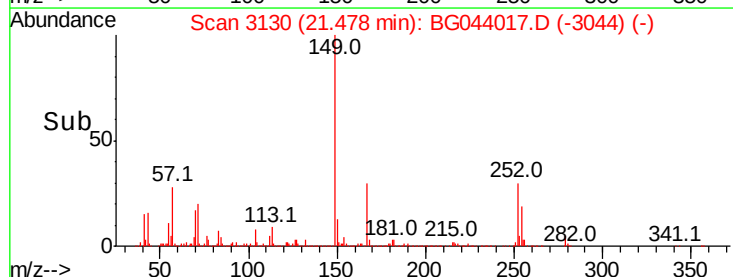


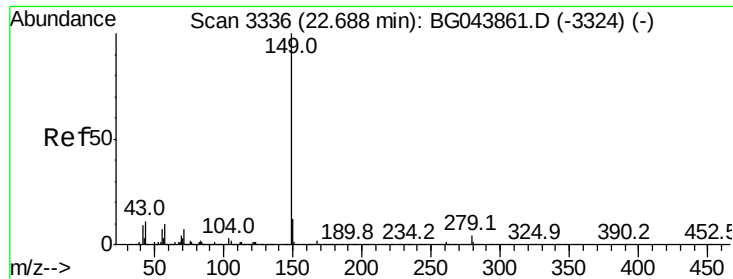
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.983 ng

RT: 22.67 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

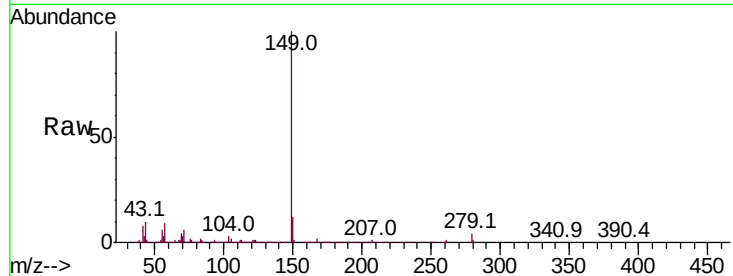
Tot Ion:149 Resp: 1787170

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

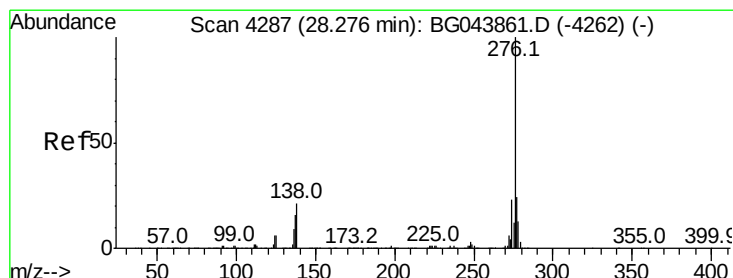
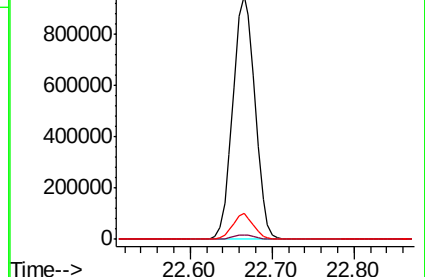
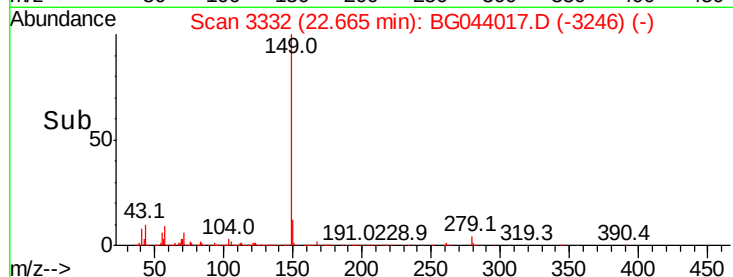
43 9.8 8.8 13.2



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: 21.609 ng

RT: 28.29 min Scan# 4290

Delta R.T. 0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

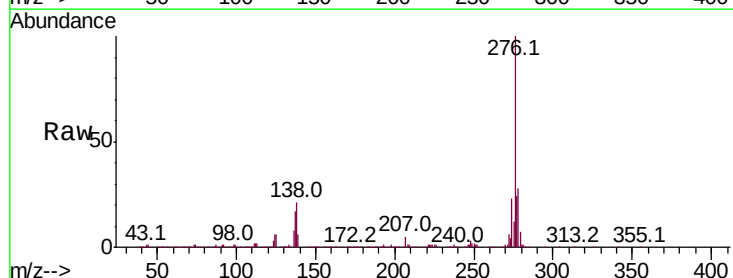
Tgt Ion:276 Resp: 953619

Ion Ratio Lower Upper

276 100

138 0.0 21.0 31.4#

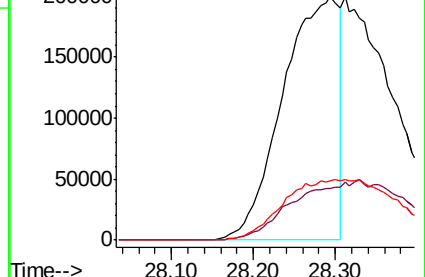
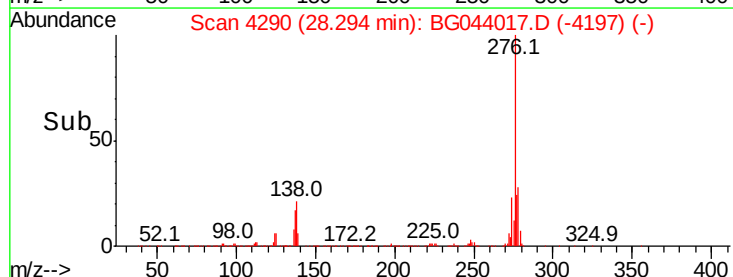
277 51.0 21.1 31.7#

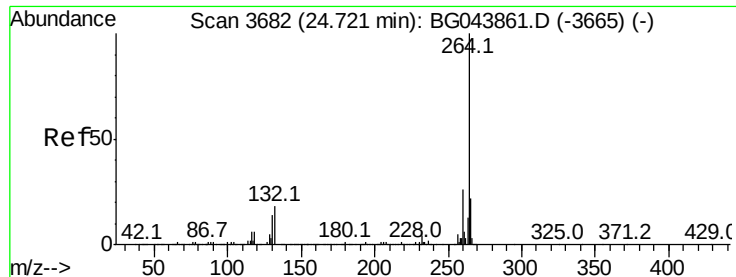


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

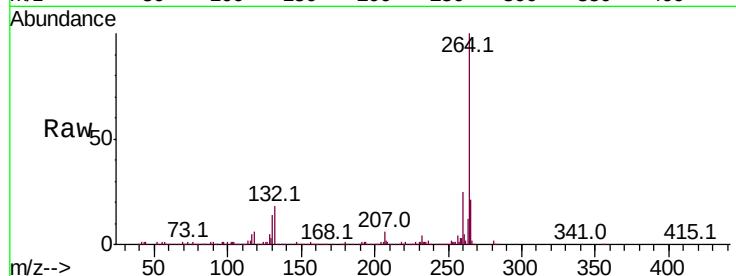
Tot Ion:264 Resp: 536501

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

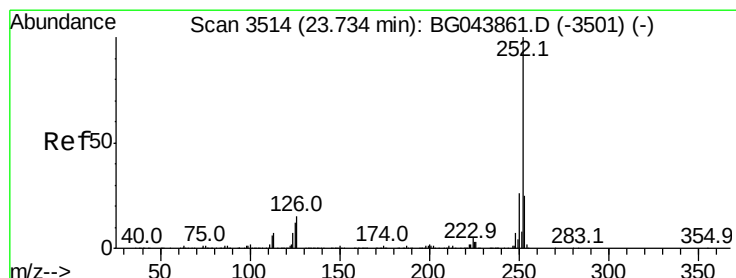
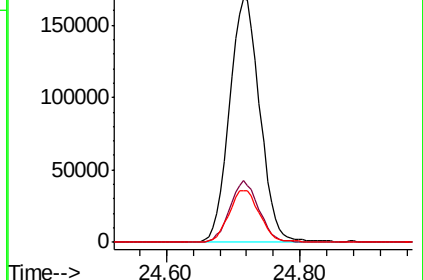
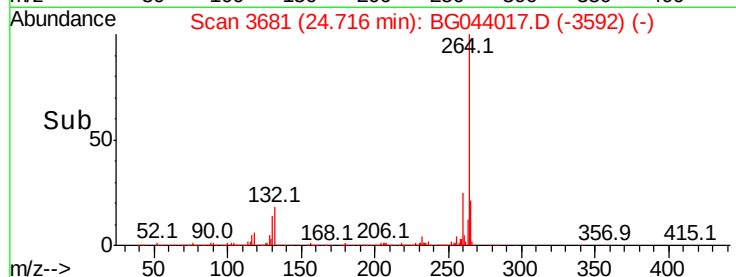
265 21.3 17.4 26.2



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: 49.446 ng

RT: 23.71 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

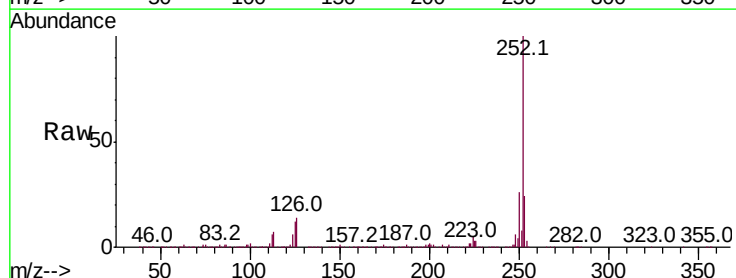
Tgt Ion:252 Resp: 1568256

Ion Ratio Lower Upper

252 100

253 24.0 19.7 29.5

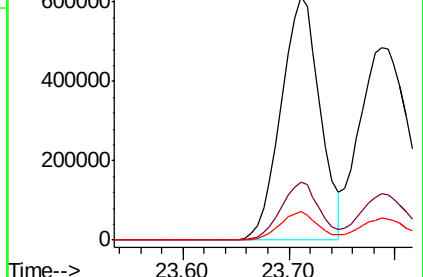
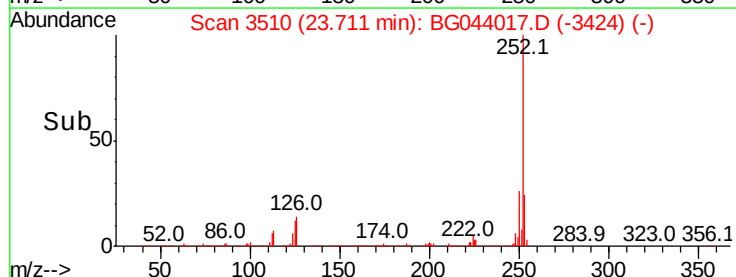
125 11.5 9.4 14.2

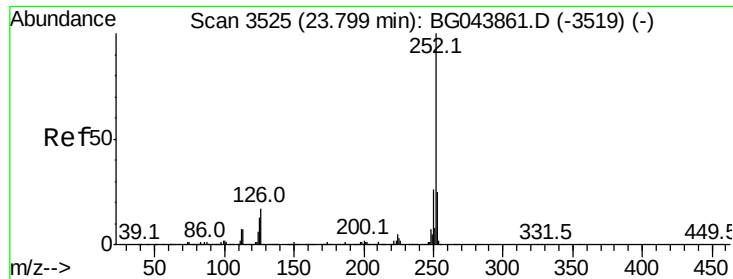


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

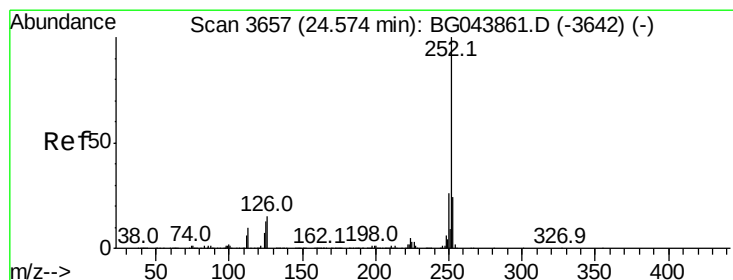
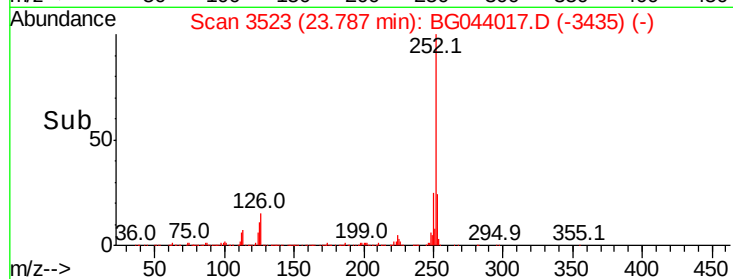
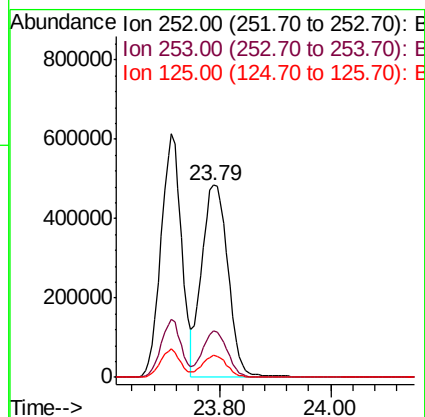
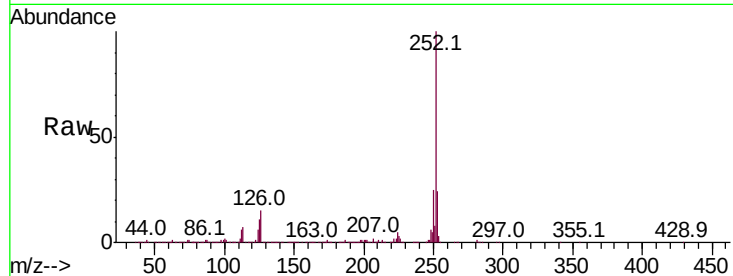




#89
Benzo(k)fluoranthene
Concen: 52.732 ng
RT: 23.79 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

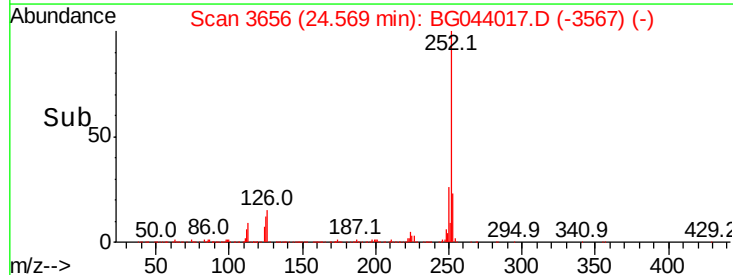
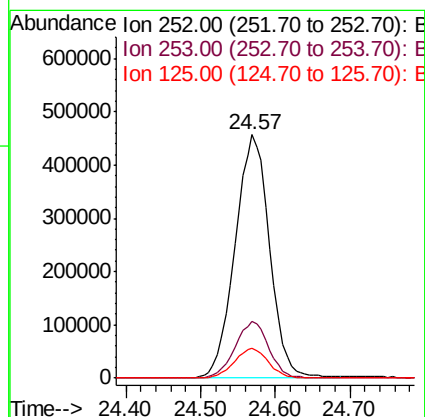
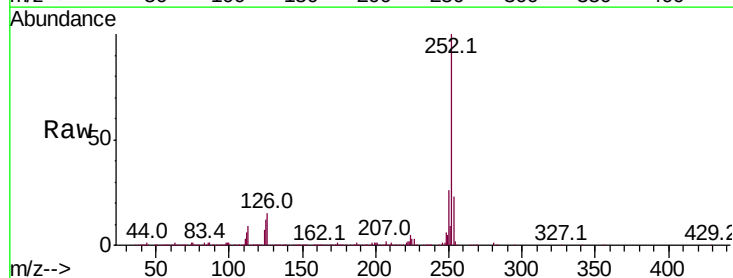
Instrument :
BNA_G
ClientSampleId :

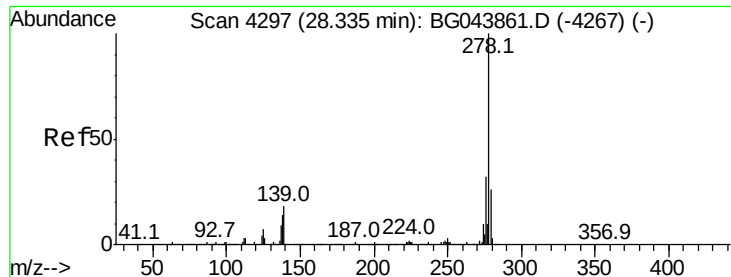
Tot Ion:252 Resp: 1590412
Ion Ratio Lower Upper
252 100
253 24.0 19.4 29.2
125 11.2 9.9 14.9



#90
Benzo(a)pyrene
Concen: 48.786 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.01 min
Lab File: BG044017.D
Acq: 13 Jan 2020 18:21

Tgt Ion:252 Resp: 1460395
Ion Ratio Lower Upper
252 100
253 23.4 19.3 28.9
125 12.3 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 51.066 ng

RT: 28.37 min Scan# 4303

Delta R.T. 0.04 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

Instrument :

BNA_G

ClientSampleId :

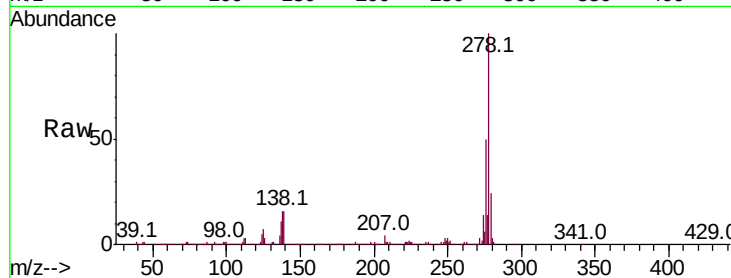
Tot Ion:278 Resp: 1535220

Ion Ratio Lower Upper

278 100

139 16.3 14.2 21.4

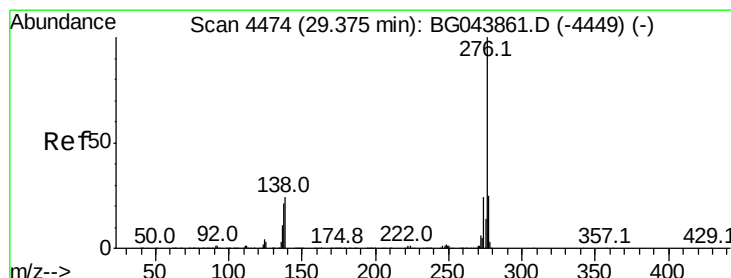
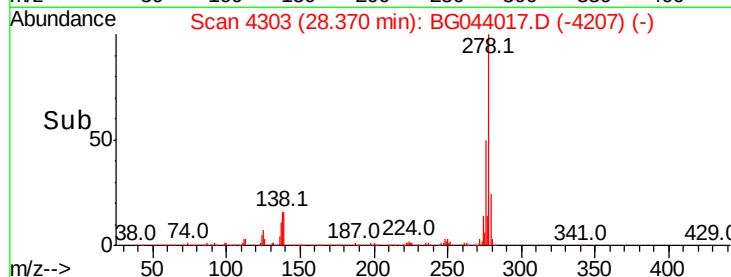
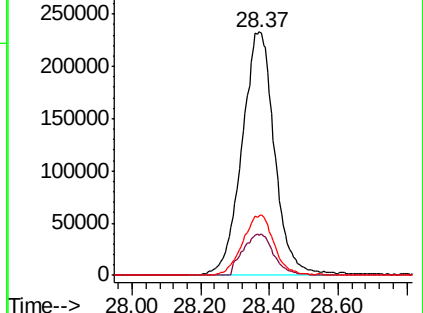
279 24.1 20.6 30.8



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: 52.067 ng

RT: 29.48 min Scan# 4492

Delta R.T. 0.11 min

Lab File: BG044017.D

Acq: 13 Jan 2020 18:21

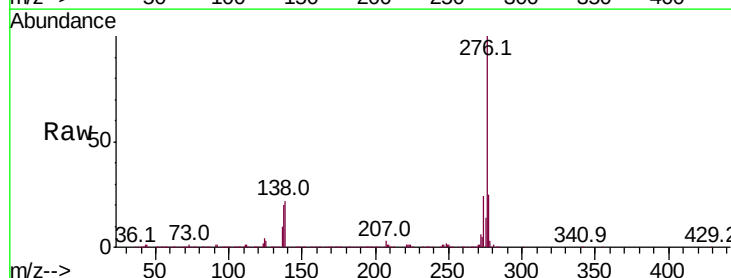
Tgt Ion:276 Resp: 1554859

Ion Ratio Lower Upper

276 100

277 24.8 20.2 30.4

138 22.0 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

