

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044019.D
 Acq On : 13 Jan 2020 19:40
 Operator : JU
 Sample : PB126048BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 14 10:16:06 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	7.94	152	112555	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	478390	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	316335	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	706350	20.00	ng	-0.02
76) Chrysene-d12	21.58	240	625803	20.00	ng	0.00
87) Perylene-d12	24.72	264	583242	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	744105	121.39	ng	0.00
7) Phenol-d6	7.12	99	968527	113.03	ng	0.00
23) Nitrobenzene-d5	9.10	82	596063	66.65	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	392776	118.65	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1317333	75.45	ng	-0.02
79) Terphenyl-d14	19.94	244	2014705	75.22	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	101326	37.910	ng	97
3) Pyridine	3.81	79	243452	30.832	ng	94
4) n-Nitrosodimethylamine	3.72	42	127697	36.325	ng	97
6) Aniline	7.27	93	310637	27.601	ng	96
8) 2-Chlorophenol	7.51	128	307707	42.758	ng	95
9) Benzaldehyde	7.08	77	121378	22.132	ng	98
10) Phenol	7.14	94	373263	42.279	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	283130	37.153	ng	99
12) 1,3-Dichlorobenzene	7.84	146	325071	38.600	ng	99
13) 1,4-Dichlorobenzene	7.98	146	325876	39.218	ng	98
14) 1,2-Dichlorobenzene	8.30	146	305837	38.347	ng	99
15) Benzyl Alcohol	8.18	79	252966	37.407	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	382922	32.478	ng	99
17) 2-Methylphenol	8.39	107	263282	41.210	ng	98
18) Hexachloroethane	9.03	117	121093	37.453	ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	220188	34.506	ng	96
20) 3+4-Methylphenols	8.72	107	358268	40.198	ng	98
22) Acetophenone	8.77	105	417007	35.063	ng	# 98
24) Nitrobenzene	9.14	77	315502	35.622	ng	97
25) Isophorone	9.67	82	604154	36.010	ng	99
26) 2-Nitrophenol	9.86	139	172918	41.266	ng	93
27) 2,4-Dimethylphenol	9.92	122	285646	45.285	ng	98
28) bis(2-Chloroethoxy)methane	10.15	93	382584	34.205	ng	99
29) 2,4-Dichlorophenol	10.39	162	303366	40.320	ng	96
30) 1,2,4-Trichlorobenzene	10.61	180	305512	36.214	ng	98
31) Naphthalene	10.80	128	887656	38.344	ng	99
32) Benzoic acid	10.06	122	164617	34.128	ng	90
33) 4-Chloroaniline	10.90	127	215514	19.518	ng	98
34) Hexachlorobutadiene	11.09	225	176781	34.321	ng	99
35) Caprolactam	11.67	113	74491	26.595	ng	96
36) 4-Chloro-3-methylphenol	12.03	107	321828	40.179	ng	96
37) 2-Methylnaphthalene	12.40	142	668023	38.329	ng	96
38) 1-Methylnaphthalene	12.63	142	629956	38.137	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	314685	33.940	ng	100

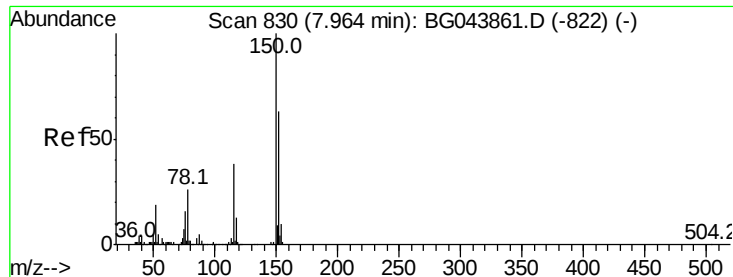
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	331670	68.999	nq	98
43) 2,4,6-Trichlorophenol	13.01	196	242454	38.004	nq	99
44) 2,4,5-Trichlorophenol	13.08	196	263837	40.097	nq	99
46) 1,1'-Biphenyl	13.41	154	827251	36.474	nq	98
47) 2-Chloronaphthalene	13.45	162	654309	35.701	nq	98
48) 2-Nitroaniline	13.65	65	204065	34.614	nq	96
49) Acenaphthylene	14.30	152	1027439	39.004	nq	98
50) Dimethylphthalate	14.04	163	851251	37.899	nq	99
51) 2,6-Dinitrotoluene	14.15	165	196033	38.614	nq	95
52) Acenaphthene	14.65	154	649564	35.162	nq	97
53) 3-Nitroaniline	14.48	138	152025	26.370	nq	100
54) 2,4-Dinitrophenol	14.68	184	238314	91.311	nq	98
55) Dibenzofuran	14.98	168	1003248	39.450	nq	98
56) 4-Nitrophenol	14.79	139	387878	87.799	nq	92
57) 2,4-Dinitrotoluene	14.94	165	280084	40.546	nq	98
58) Fluorene	15.63	166	789159	39.152	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	236810	41.854	nq	96
60) Diethylphthalate	15.40	149	870495	38.748	nq	99
61) 4-Chlorophenyl-phenylether	15.62	204	411515	37.599	nq	95
62) 4-Nitroaniline	15.64	138	205233	36.049	nq	94
63) Azobenzene	15.91	77	783897	37.625	nq	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	171219	47.134	nq	97
66) n-Nitrosodiphenylamine	15.83	169	757637	36.423	nq	99
67) 4-Bromophenyl-phenylether	16.52	248	269035	33.865	nq	96
68) Hexachlorobenzene	16.64	284	293900	34.333	nq	97
69) Atrazine	16.79	200	294466	43.551	nq	99
70) Pentachlorophenol	16.97	266	366473	77.662	nq	99
71) Phenanthrene	17.37	178	1282228	37.846	nq	98
72) Anthracene	17.46	178	1313439	39.227	nq	99
73) Carbazole	17.72	167	1219401	39.426	nq	98
74) Di-n-butylphthalate	18.29	149	1501929	38.034	nq	97
75) Fluoranthene	19.37	202	1509252	38.952	nq	98
77) Benzidine	19.55	184	458258	29.133	nq	96
78) Pyrene	19.74	202	1508334	36.925	nq	97
80) Butylbenzylphthalate	20.63	149	700874	36.039	nq	96
81) Benzo(a)anthracene	21.55	228	1438495	37.071	nq	99
82) 3,3'-Dichlorobenzidine	21.47	252	473374	30.878	nq	100
83) Chrysene	21.63	228	1439556	39.042	nq	95
84) Bis(2-ethylhexyl)phthalate	21.48	149	990469	36.911	nq	99
85) Di-n-octyl phthalate	22.67	149	1732164	38.397	nq	97
86) Indeno(1,2,3-cd)pyrene	28.28	276	1764559	35.215	nq	# 83
88) Benzo(b)fluoranthene	23.71	252	1539029	44.636	nq	98
89) Benzo(k)fluoranthene	23.79	252	1489705	45.434	nq	96
90) Benzo(a)pyrene	24.57	252	1401449	43.065	nq	98
91) Dibenzo(a,h)anthracene	28.38	278	1476501	45.177	nq	96
92) Benzo(g,h,i)perylene	29.48	276	1493537	46.006	nq	98

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

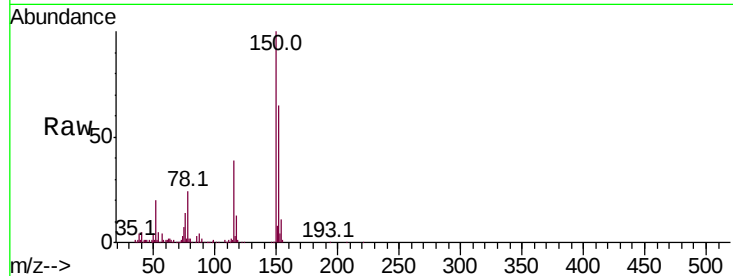


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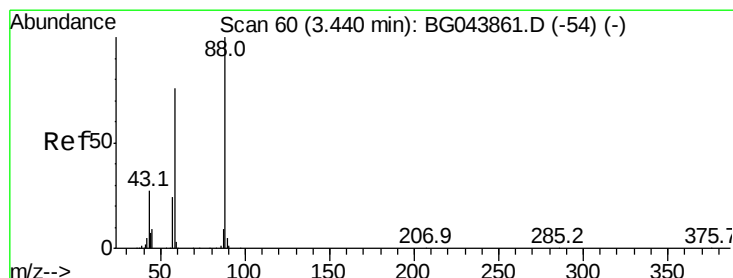
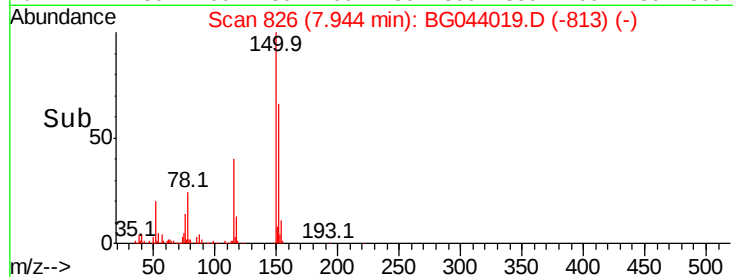
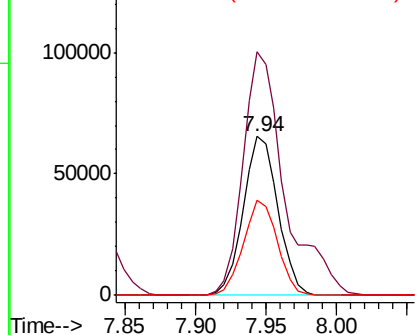
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 112555
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.4
115 60.1 47.8 71.8



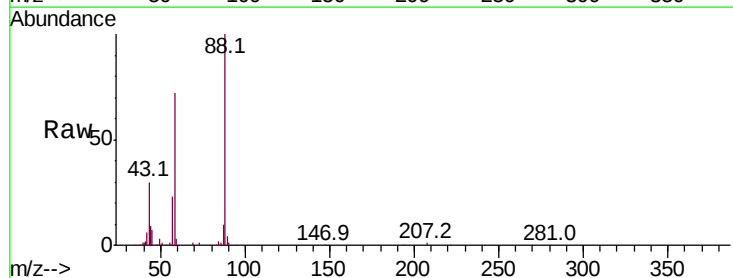
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



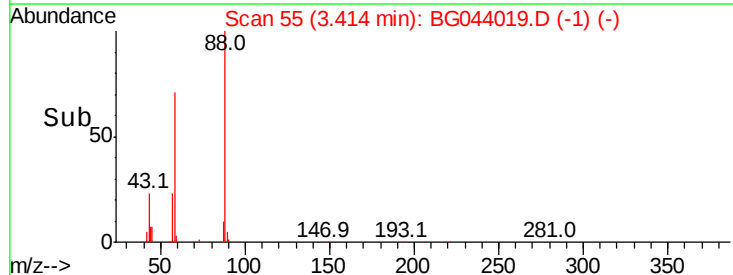
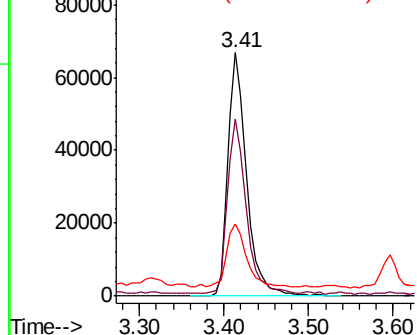
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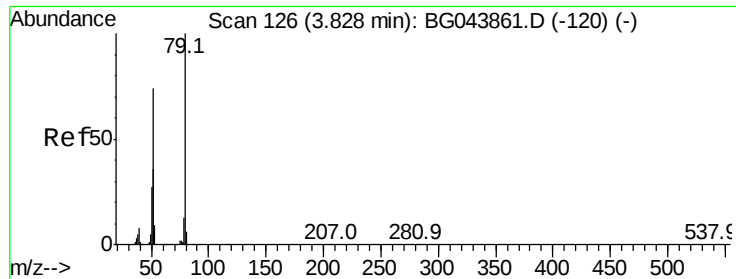
1,4-Dioxane
Concen: 37.910 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.03 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion: 88 Resp: 101326
Ion Ratio Lower Upper
88 100
58 71.0 59.8 89.8
43 28.2 22.9 34.3



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





#3

Pvridine

Concen: 30.832 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

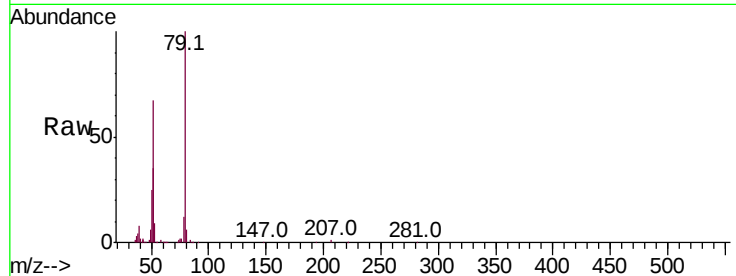
Tot Ion: 79 Resp: 243452

Ion Ratio Lower Upper

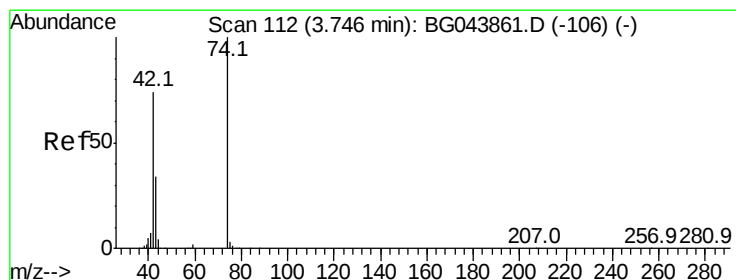
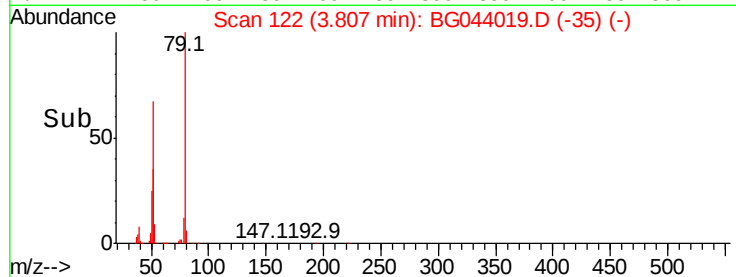
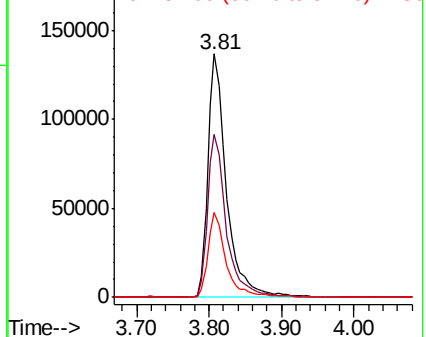
79 100

52 66.9 58.9 88.3

51 34.8 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: 36.325 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

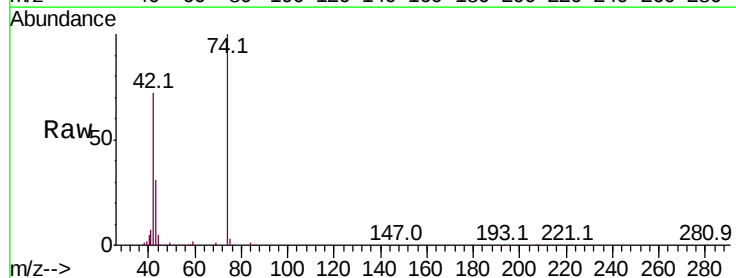
Tgt Ion: 42 Resp: 127697

Ion Ratio Lower Upper

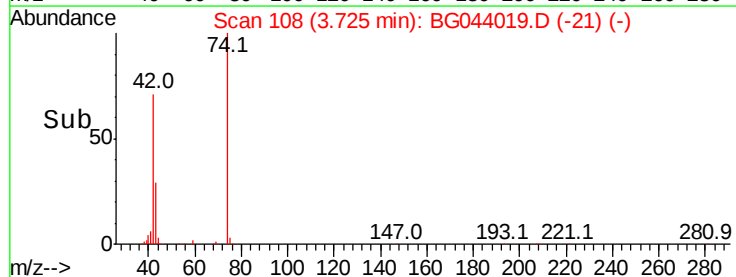
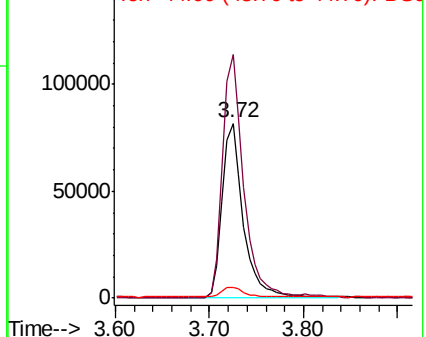
42 100

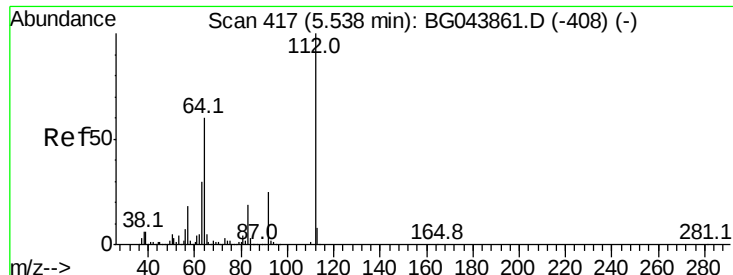
74 139.3 108.6 162.8

44 6.3 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: 121.387 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampled :

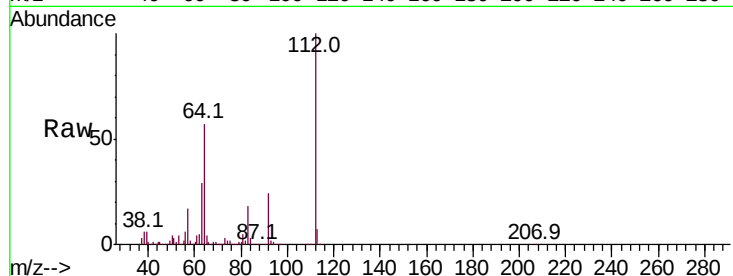
Tot Ion:112 Resp: 744105

Ion Ratio Lower Upper

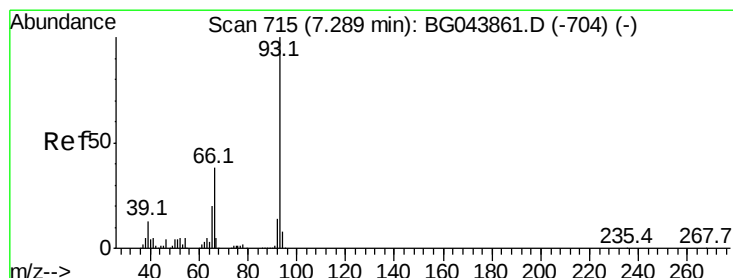
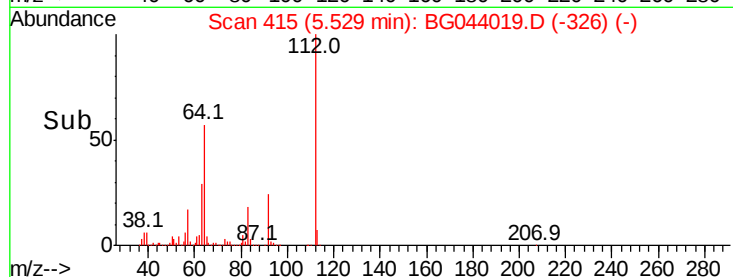
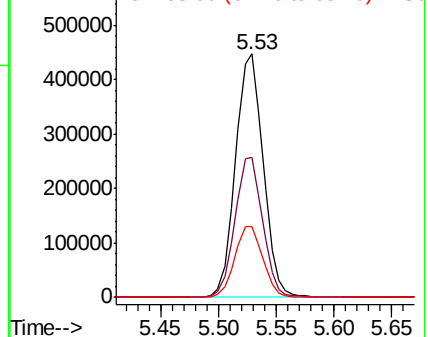
112 100

64 57.3 47.8 71.6

63 29.1 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.601 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

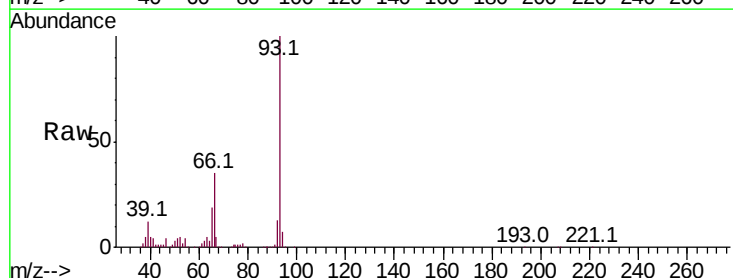
Tgt Ion: 93 Resp: 310637

Ion Ratio Lower Upper

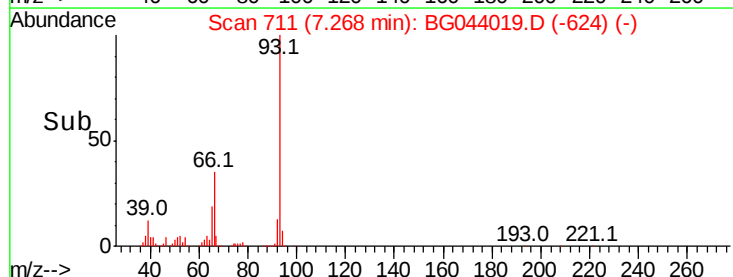
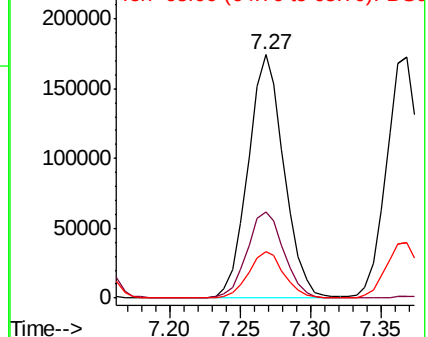
93 100

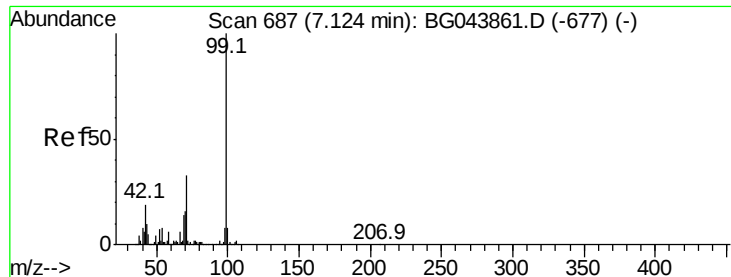
66 35.4 30.8 46.2

65 19.2 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.031 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

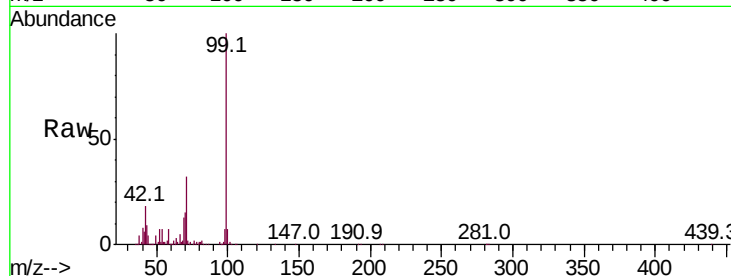
Tot Ion: 99 Resp: 968527

Ion Ratio Lower Upper

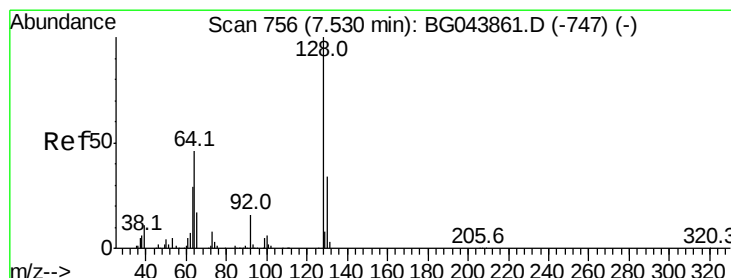
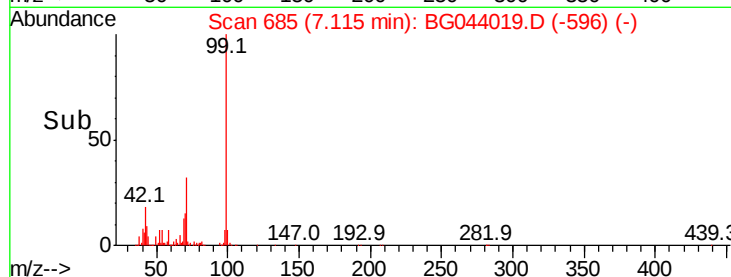
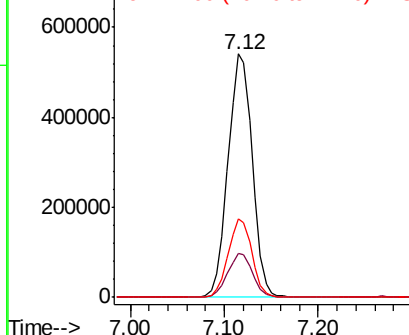
99 100

42 18.0 14.9 22.3

71 32.0 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.758 ng

RT: 7.51 min Scan# 753

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

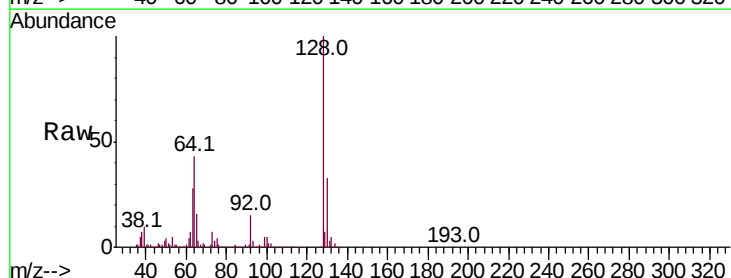
Tgt Ion: 128 Resp: 307707

Ion Ratio Lower Upper

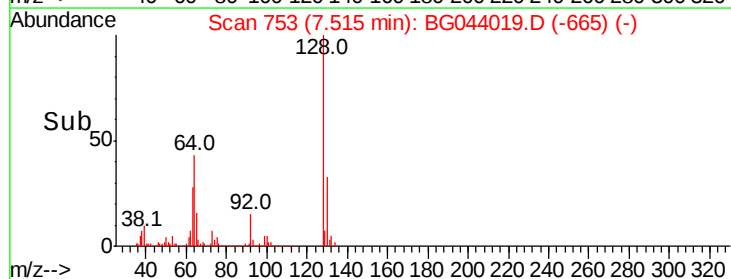
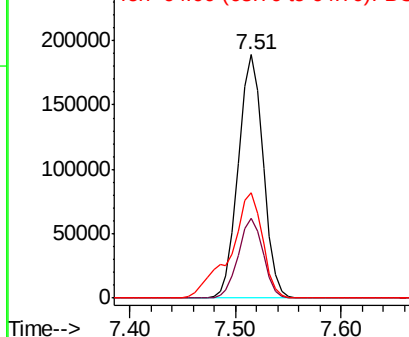
128 100

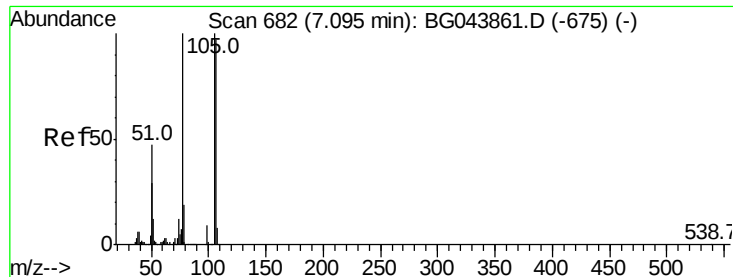
130 32.7 13.8 53.8

64 43.1 27.6 67.6



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





#9

Benzaldehyde

Concen: 22.132 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

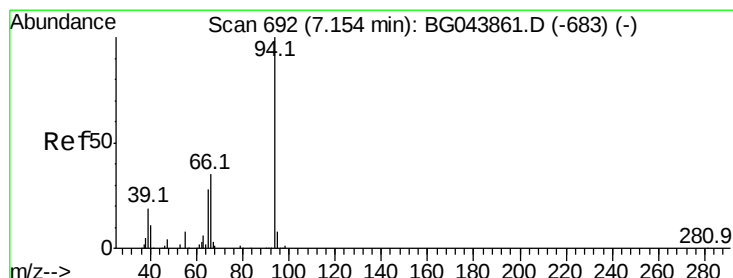
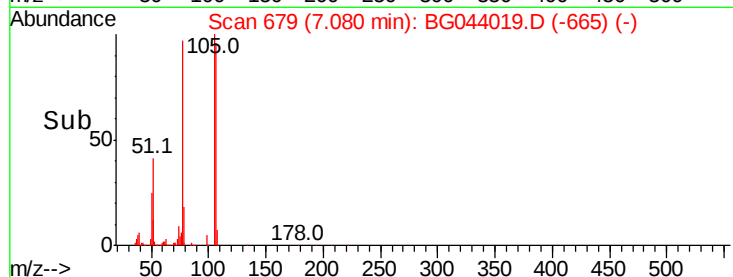
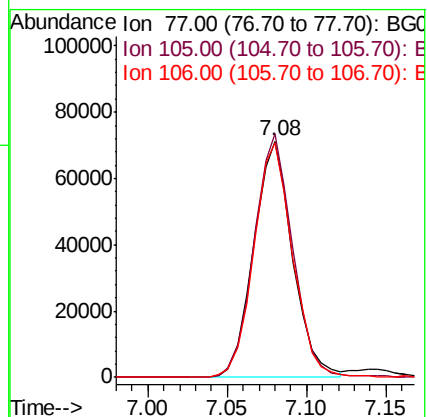
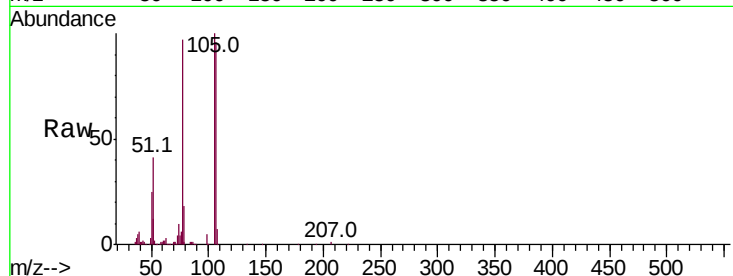
Tot Ion: 77 Resp: 121378

Ion Ratio Lower Upper

77 100

105 103.1 80.2 120.2

106 99.2 77.2 117.2



#10

Phenol

Concen: 42.279 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

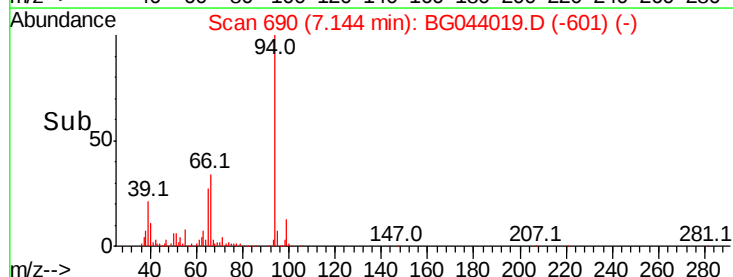
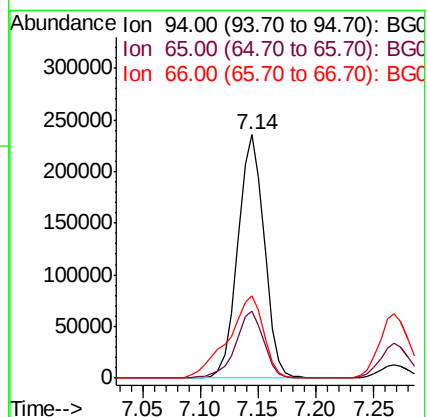
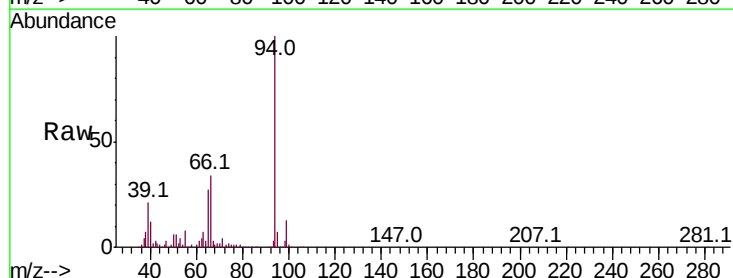
Tgt Ion: 94 Resp: 373263

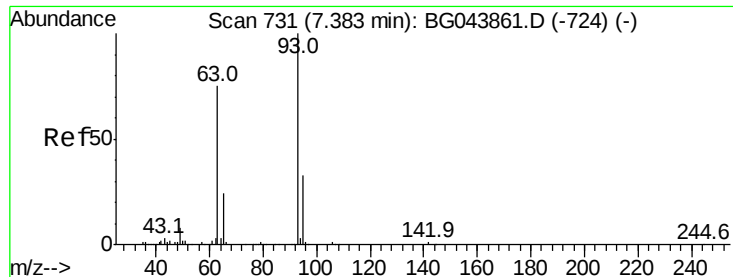
Ion Ratio Lower Upper

94 100

65 27.4 8.1 48.1

66 33.8 15.6 55.6

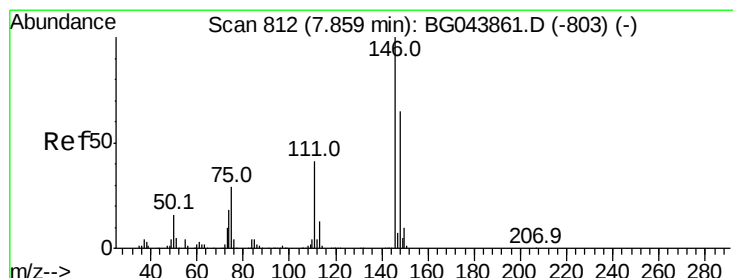
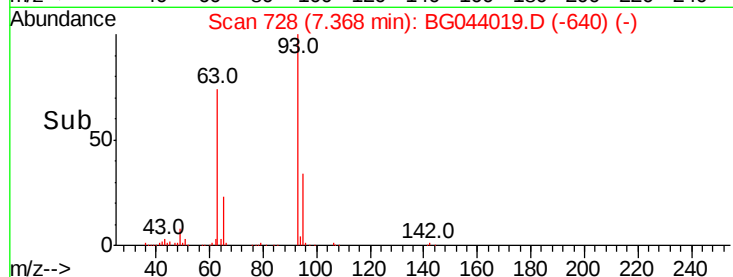
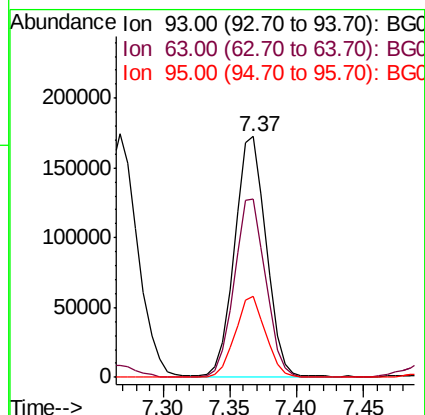
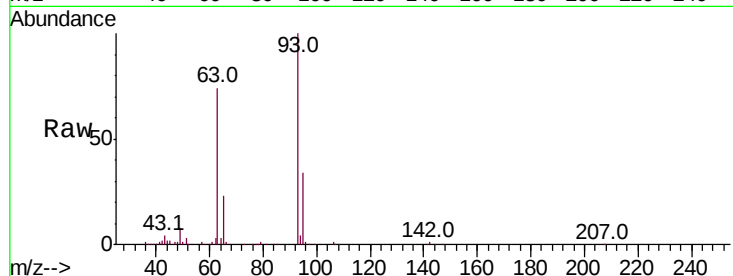




#11
bis(2-Chloroethyl)ether
Concen: 37.153 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

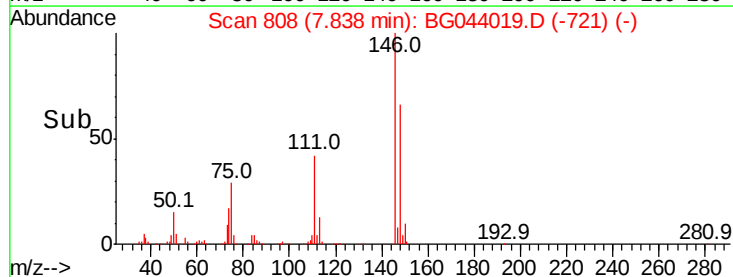
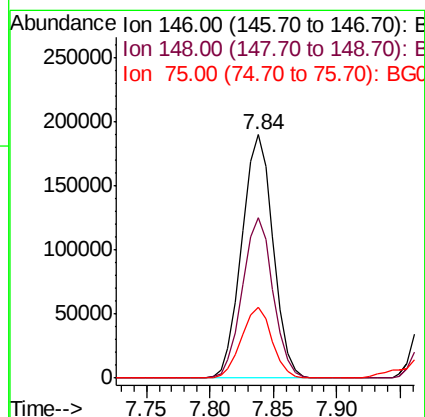
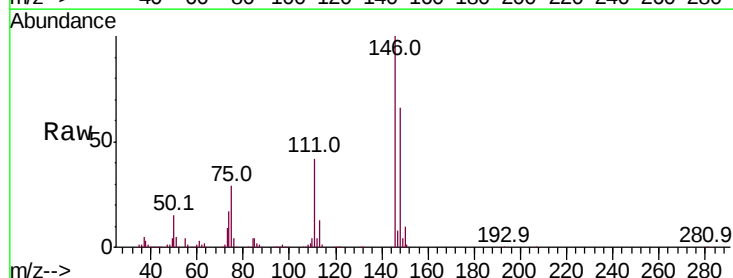
Instrument :
BNA_G
ClientSampleId :

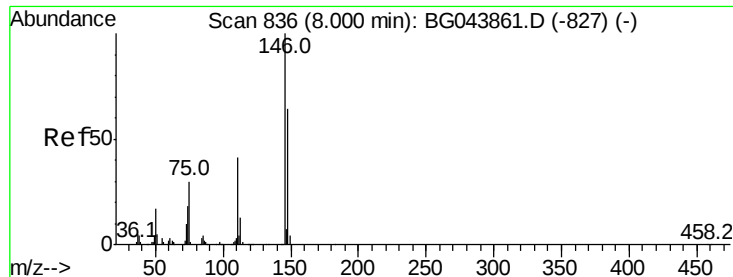
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	55.0	95.0
95	33.7	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 38.600 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.1	78.1
75	28.8	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 39.218 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampled :

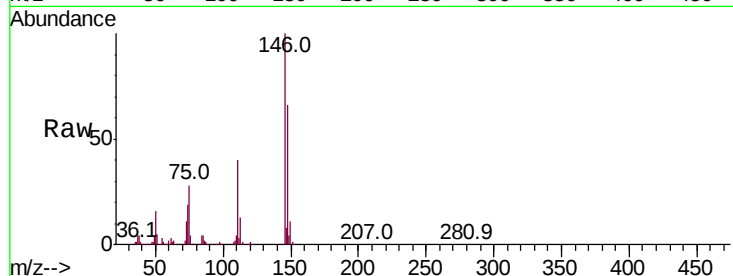
Tot Ion:146 Resp: 325876

Ion Ratio Lower Upper

146 100

148 65.9 51.2 76.8

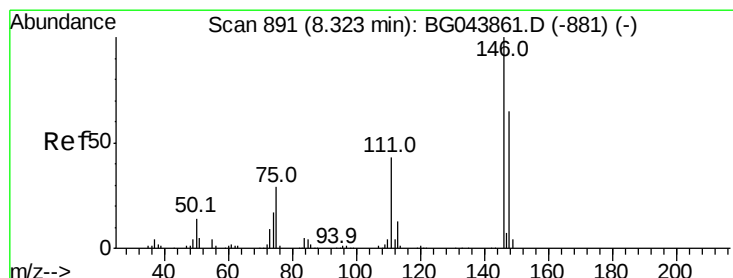
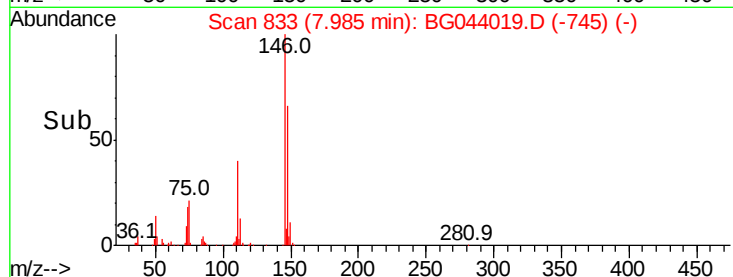
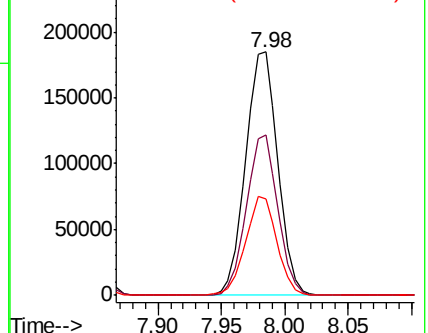
111 39.8 33.1 49.7



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: 38.347 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

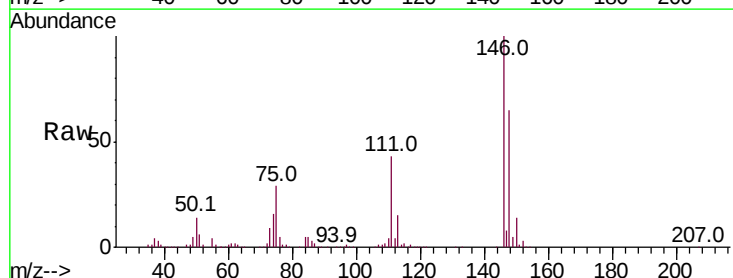
Tgt Ion:146 Resp: 305837

Ion Ratio Lower Upper

146 100

148 65.4 51.7 77.5

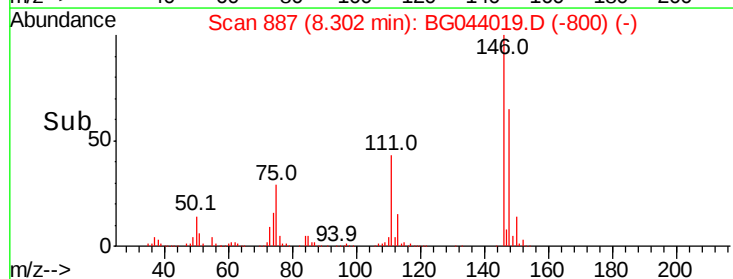
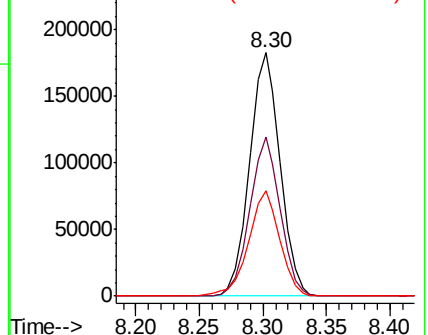
111 43.2 34.4 51.6

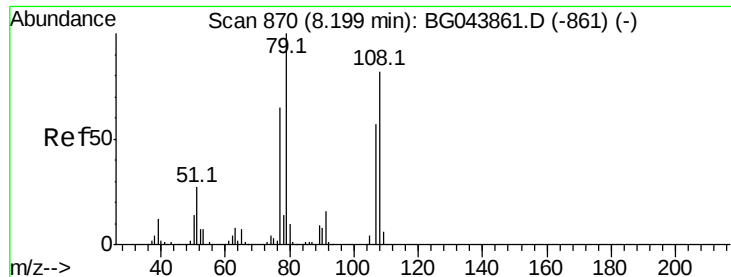


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.407 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

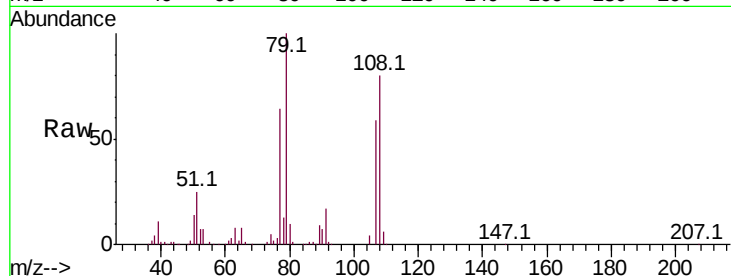
Tot Ion: 79 Resp: 252966

Ion Ratio Lower Upper

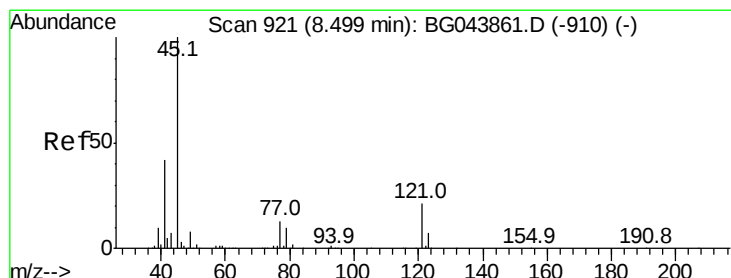
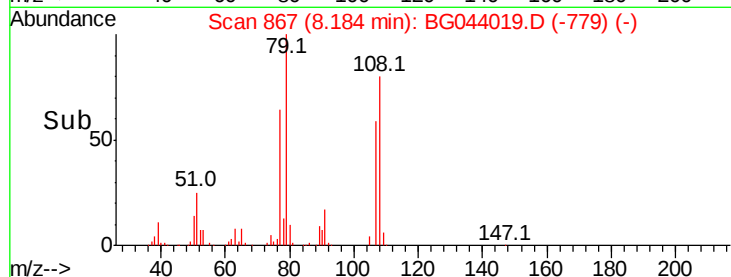
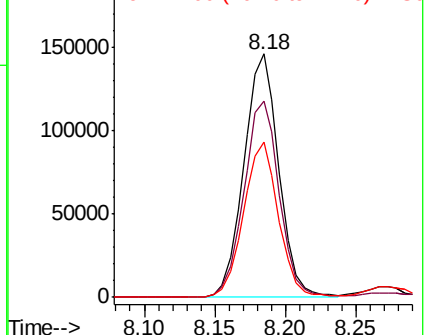
79 100

108 80.5 65.6 98.4

77 63.9 52.0 78.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.478 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

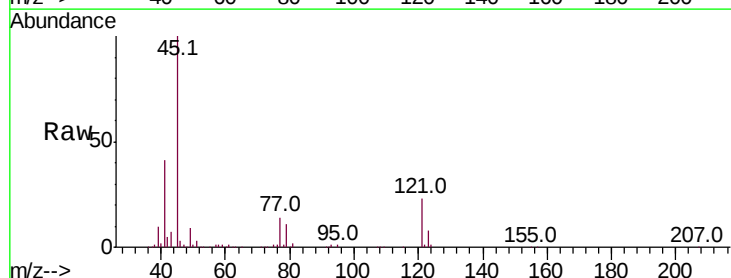
Tgt Ion: 45 Resp: 382922

Ion Ratio Lower Upper

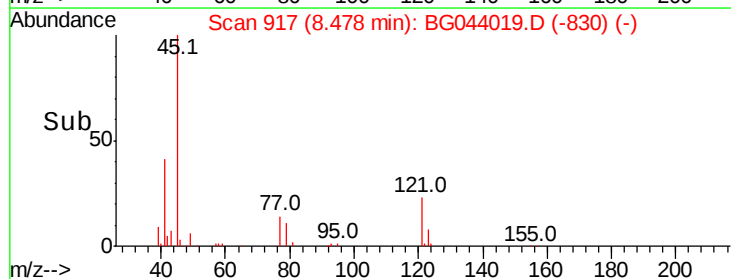
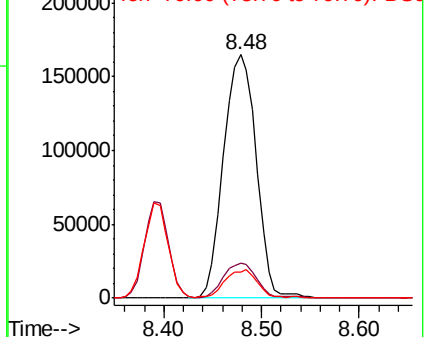
45 100

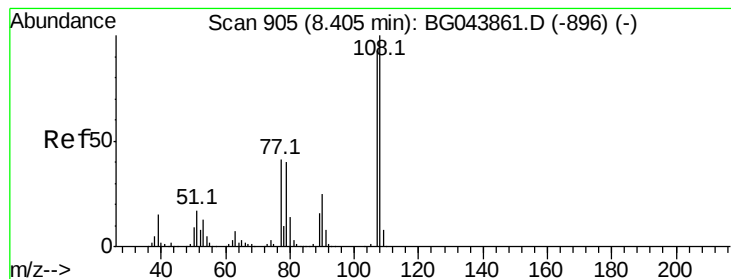
77 14.2 0.0 33.8

79 10.9 0.0 31.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

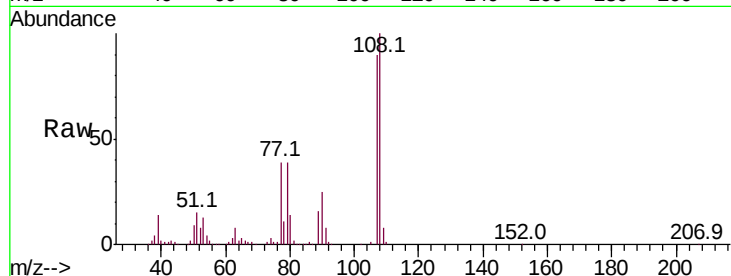




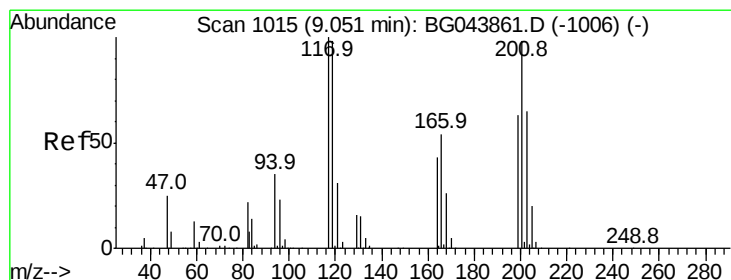
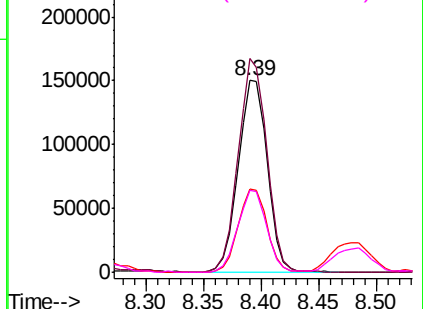
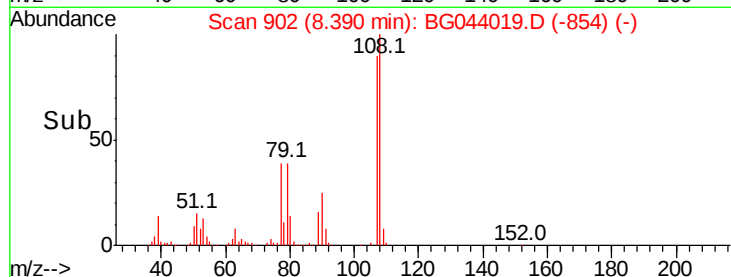
#17
2-Methylphenol
Concen: 41.210 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 263282
Ion Ratio Lower Upper
107 100
108 111.6 86.1 129.1
77 43.4 35.4 53.0
79 43.1 34.8 52.2

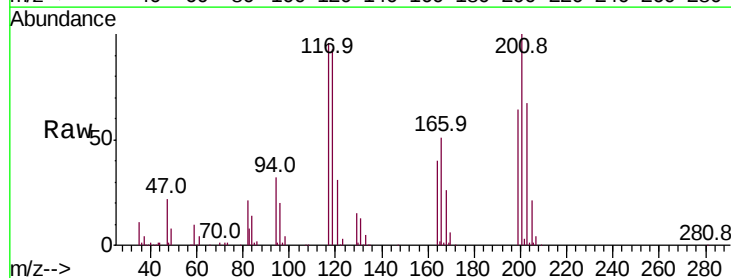


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

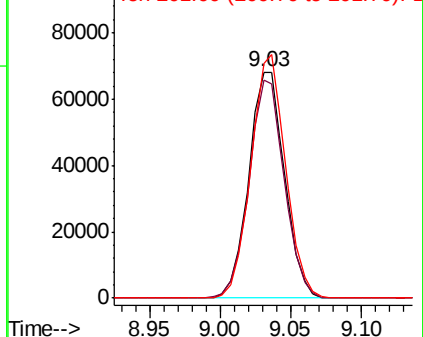
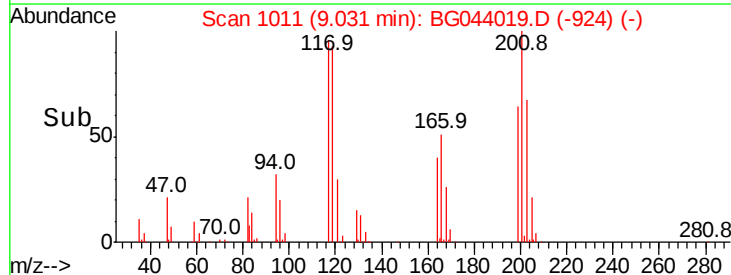


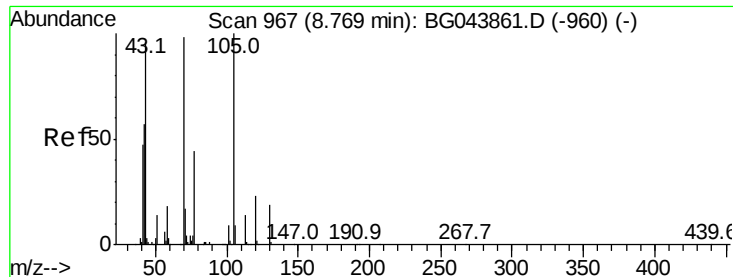
#18
Hexachloroethane
Concen: 37.453 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion:117 Resp: 121093
Ion Ratio Lower Upper
117 100
119 96.5 78.1 117.1
201 104.1 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

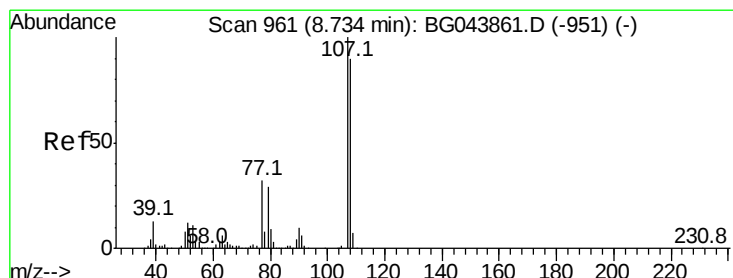
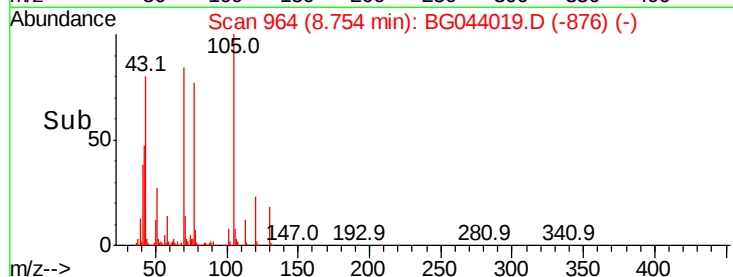
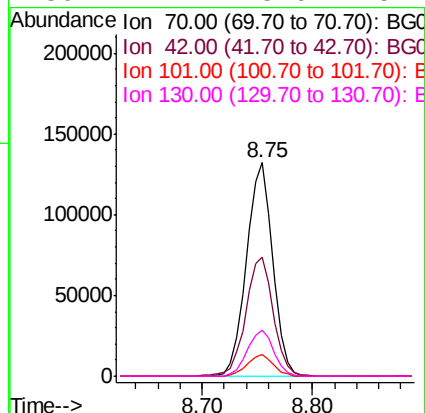
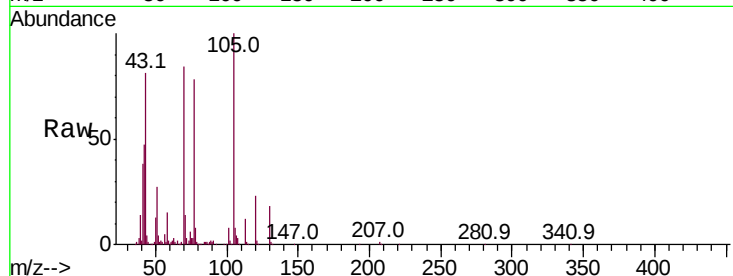




#19
n-Nitroso-di-n-propylamine
Concen: 34.506 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

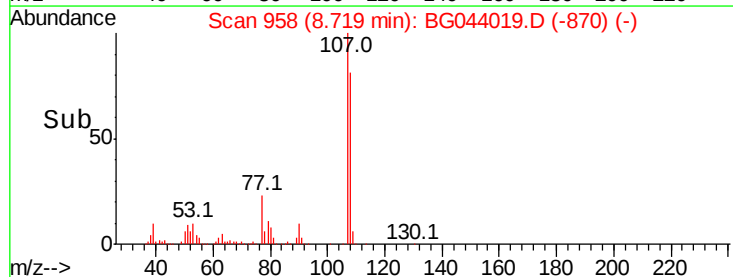
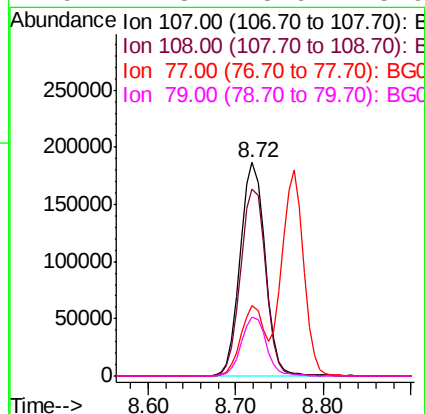
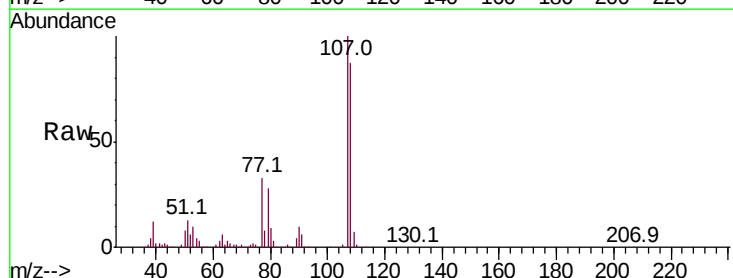
Instrument :
BNA_G
ClientSampleId :

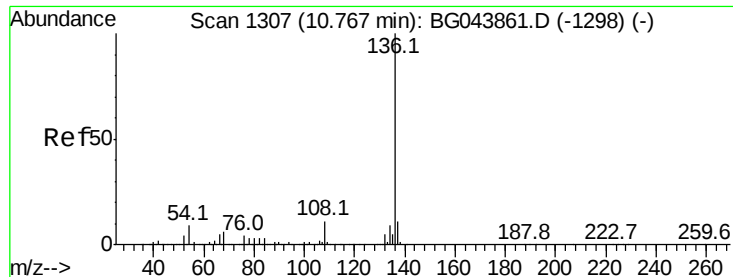
Tot Ion:	70	Resp:	220188
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.0	70.4
101	10.0	7.2	10.8
130	21.7	15.6	23.4



#20
3+4-Methylphenols
Concen: 40.198 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion:	107	Resp:	358268
Ion	Ratio	Lower	Upper
107	100		
108	87.3	70.3	110.3
77	32.9	12.4	52.4
79	27.8	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 478390

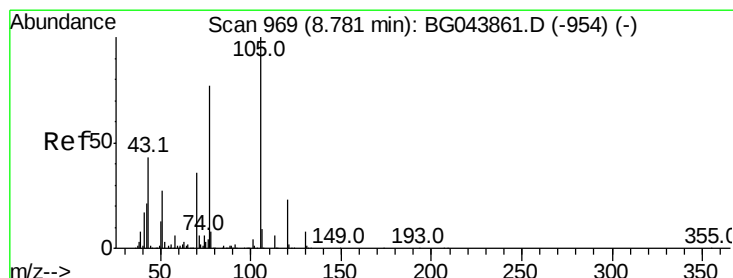
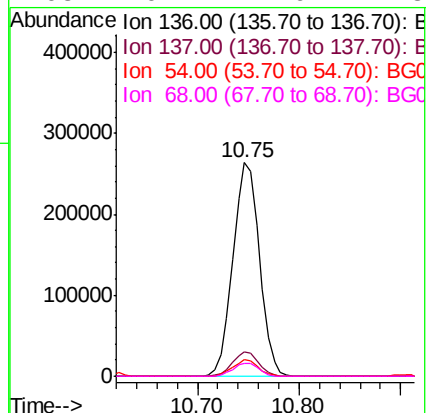
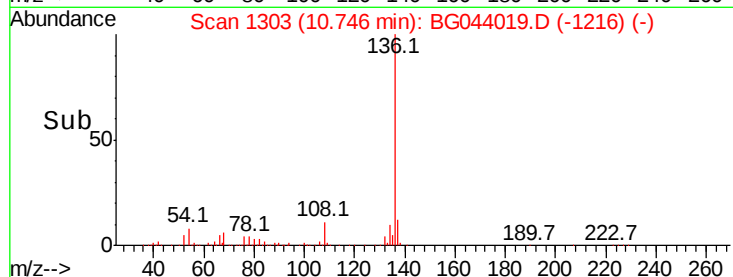
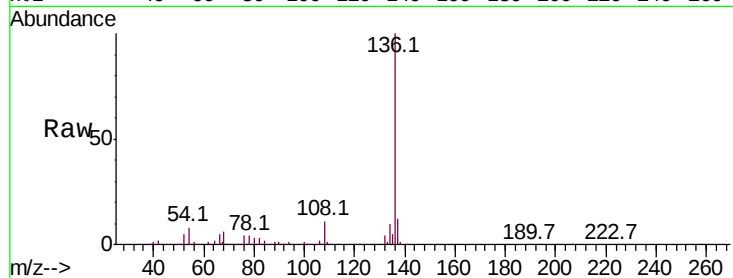
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 7.8 7.0 10.4

68 6.1 4.9 7.3



#22

Acetophenone

Concen: 35.063 ng

RT: 8.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:105 Resp: 417007

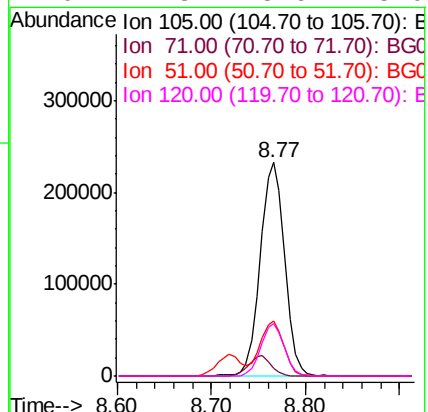
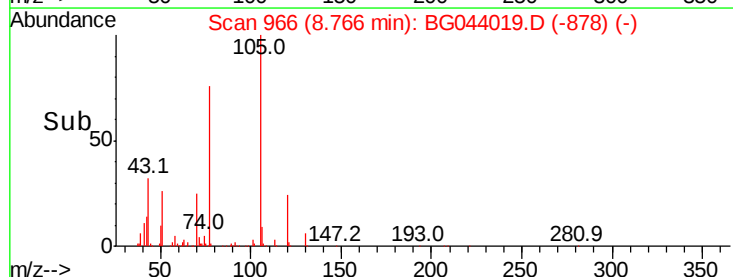
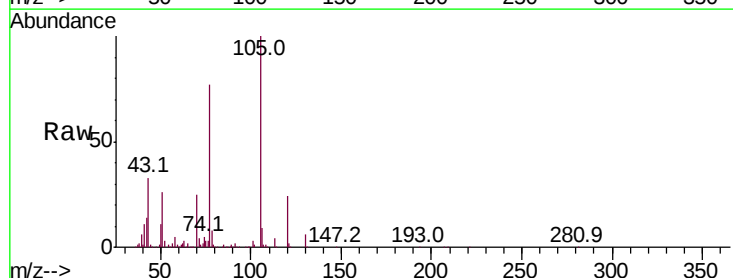
Ion Ratio Lower Upper

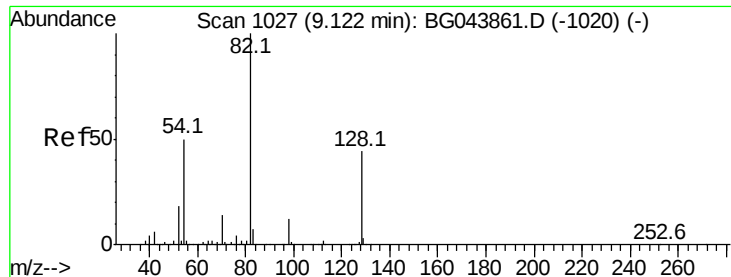
105 100

71 3.8 4.8 7.2#

51 26.0 21.4 32.0

120 24.3 18.6 28.0

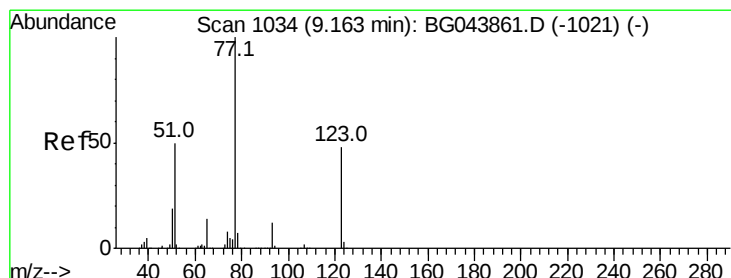
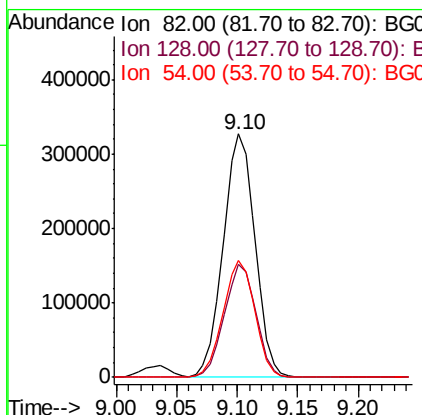
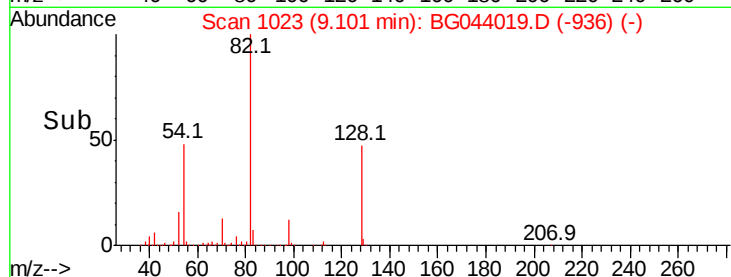
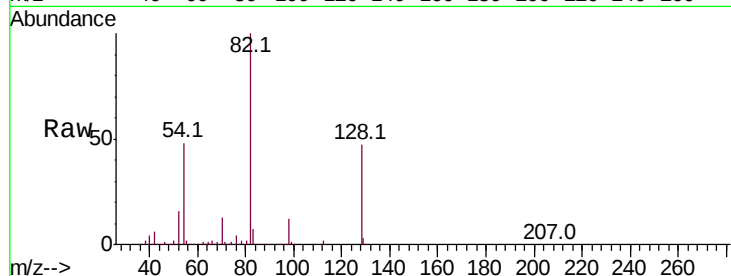




#23
Nitrobenzene-d5
Concen: 66.655 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

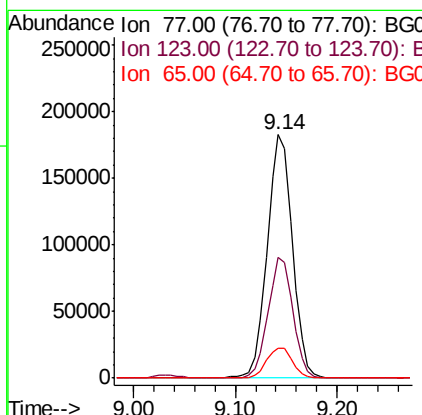
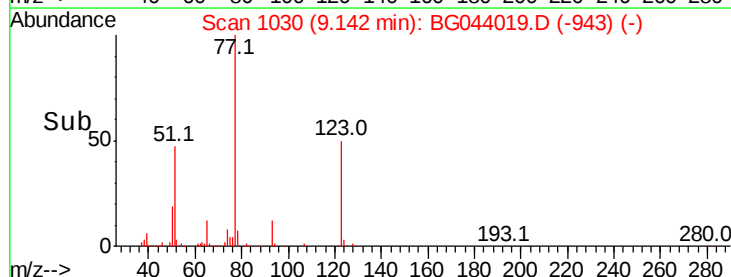
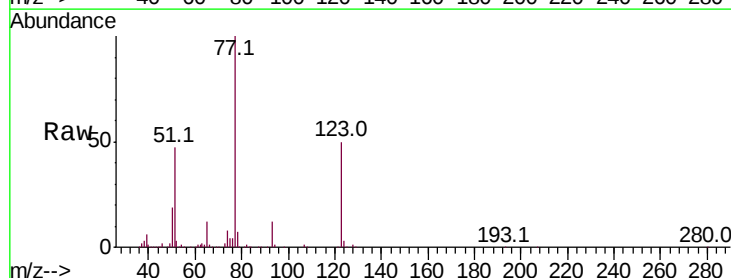
Instrument :
BNA_G
ClientSampled :

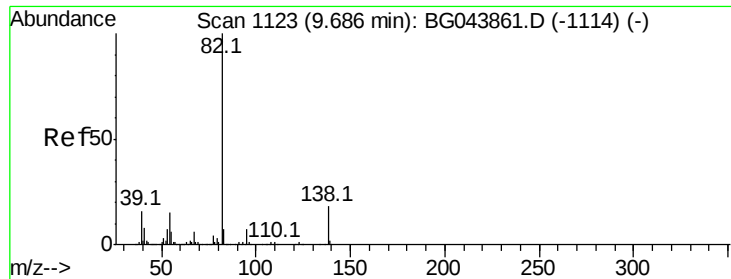
Tot Ion	82	Resp	596063
Ion Ratio	Lower	Upper	
82	100		
128	46.6	35.1	52.7
54	48.0	40.1	60.1



#24
Nitrobenzene
Concen: 35.622 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	77	Resp	315502
Ion Ratio	Lower	Upper	
77	100		
123	49.8	38.7	58.1
65	12.1	11.1	16.7





#25

Isophorone

Concen: 36.010 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

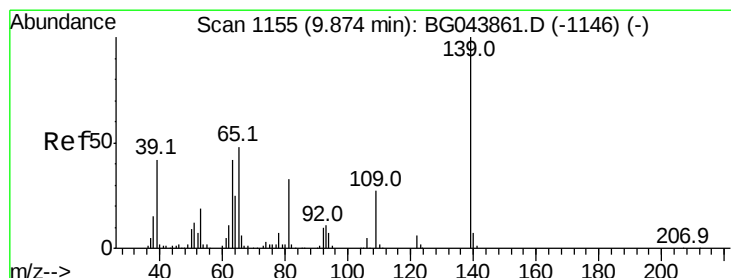
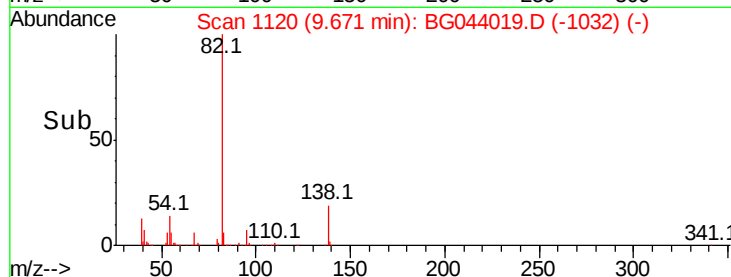
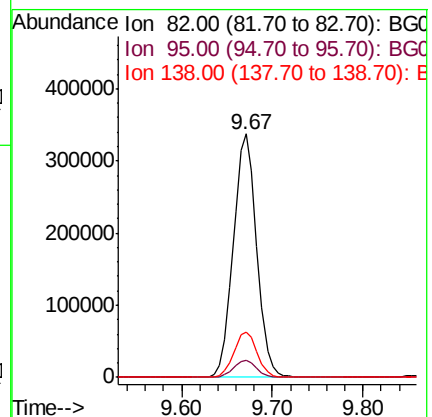
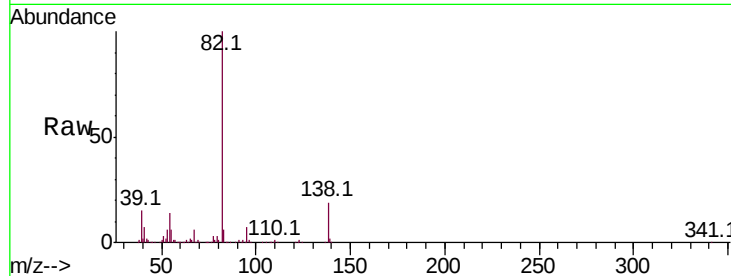
Tot Ion: 82 Resp: 604154

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 18.7 14.6 22.0



#26

2-Nitrophenol

Concen: 41.266 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

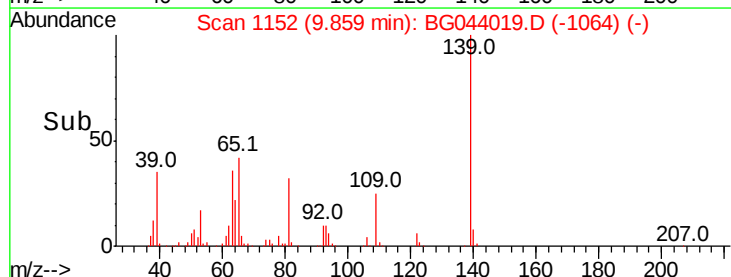
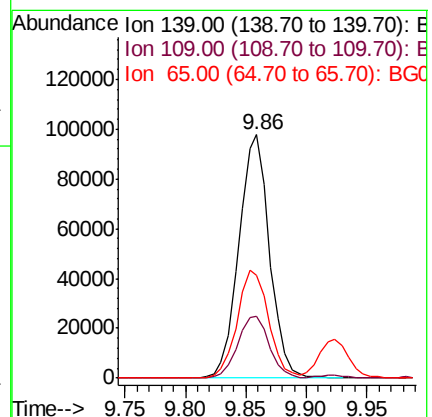
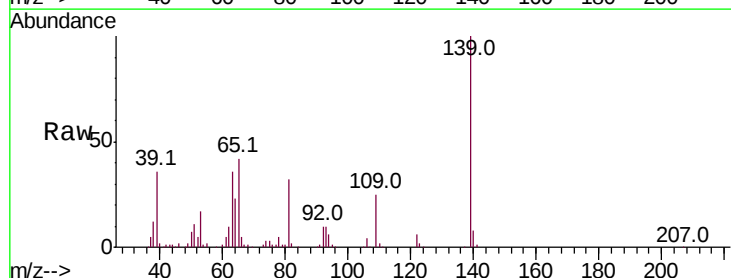
Tgt Ion: 139 Resp: 172918

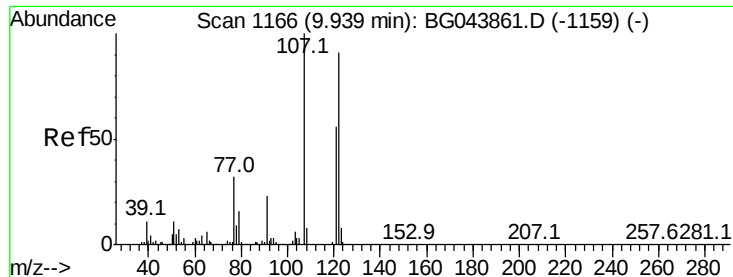
Ion Ratio Lower Upper

139 100

109 25.2 21.3 31.9

65 42.4 38.6 57.8





#27

2,4-Dimethylphenol

Concen: 45.285 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

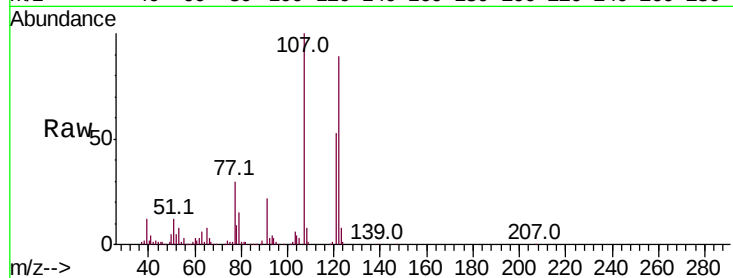
Tot Ion:122 Resp: 285646

Ion Ratio Lower Upper

122 100

107 112.7 88.0 132.0

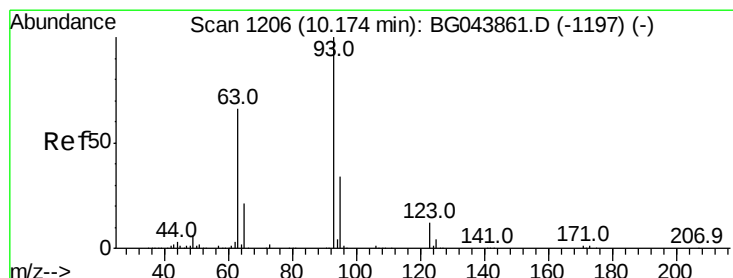
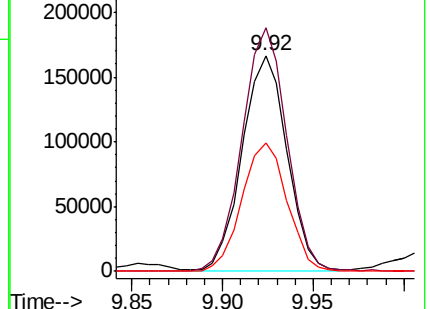
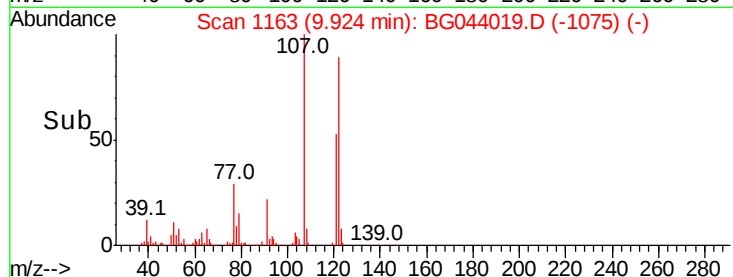
121 59.6 49.0 73.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.205 ng

RT: 10.15 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

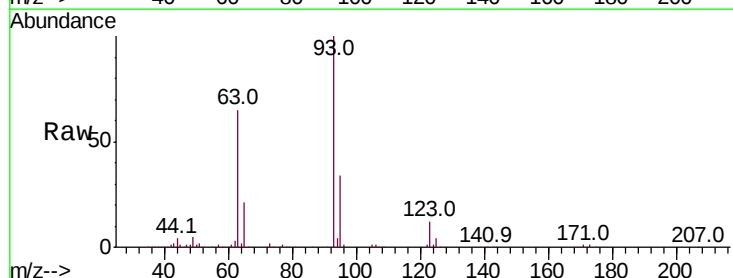
Tgt Ion: 93 Resp: 382584

Ion Ratio Lower Upper

93 100

95 33.6 27.2 40.8

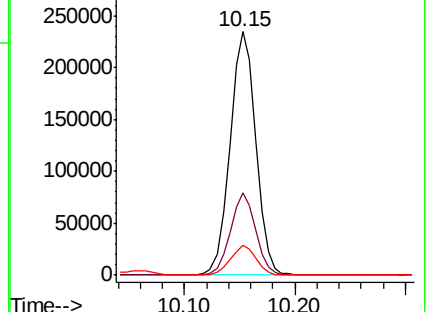
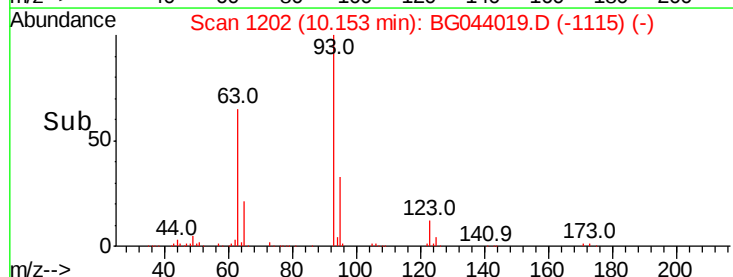
123 12.0 9.7 14.5

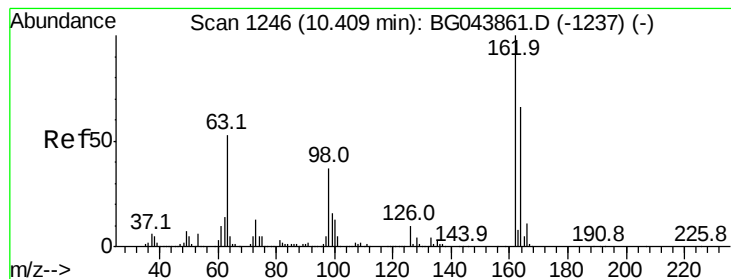


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.320 ng

RT: 10.39 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

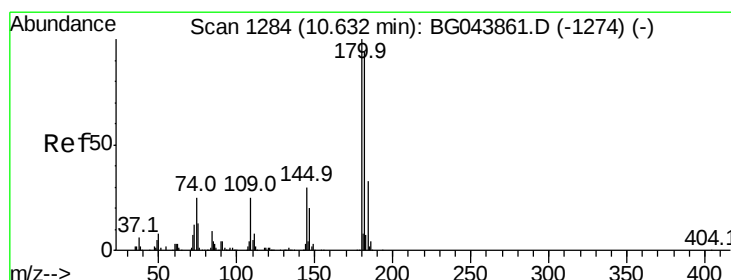
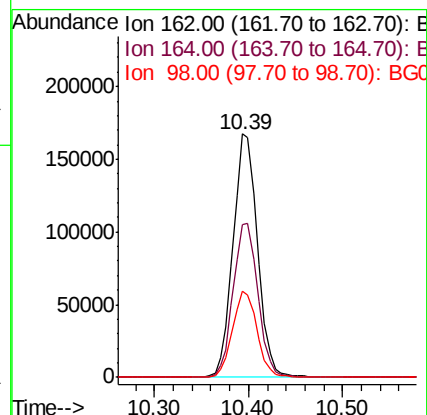
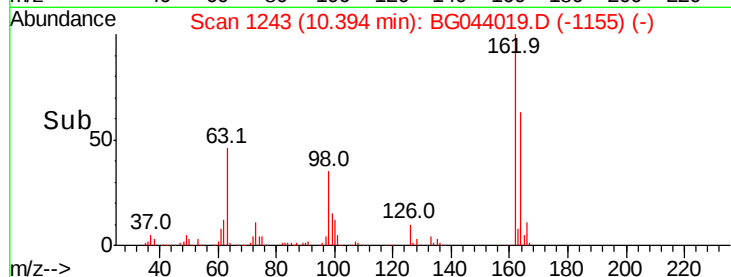
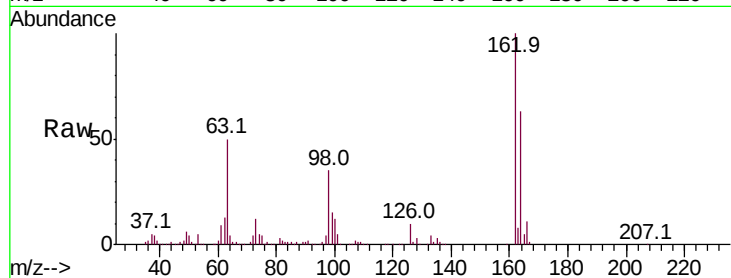
Tot Ion:162 Resp: 303366

Ion Ratio Lower Upper

162 100

164 62.6 46.3 86.3

98 35.2 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 36.214 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

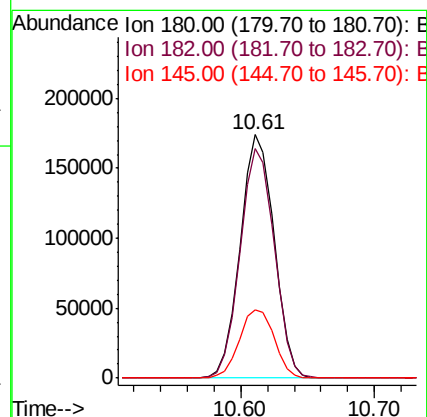
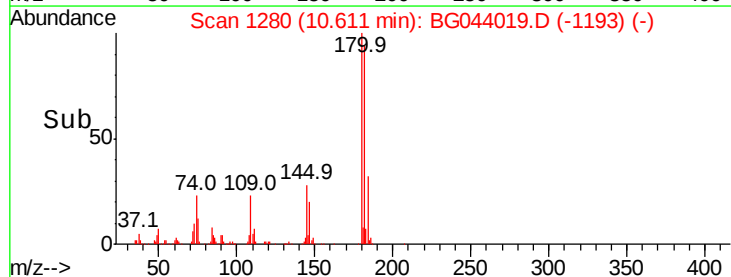
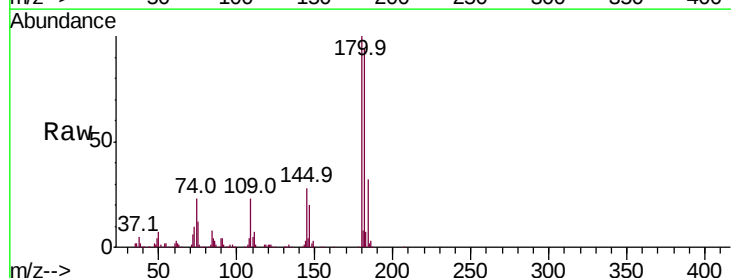
Tgt Ion:180 Resp: 305512

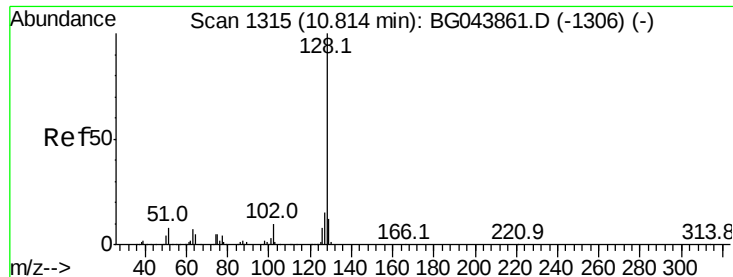
Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.4

145 27.9 24.2 36.4

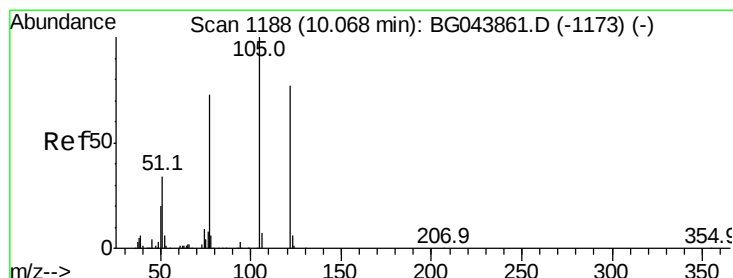
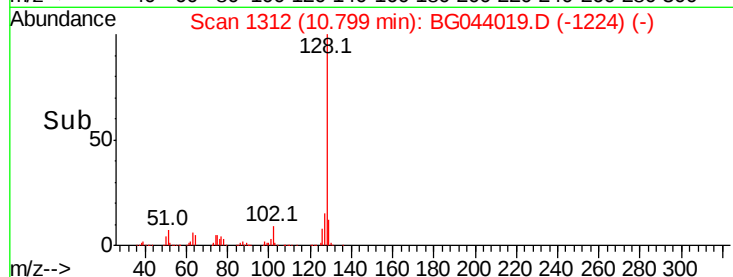
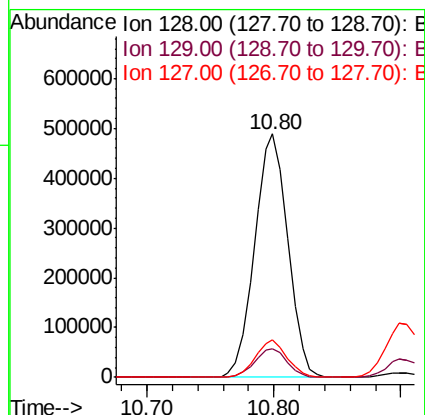
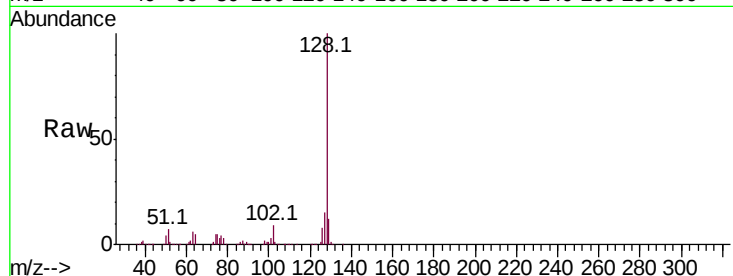




#31
Naphthalene
Concen: 38.344 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

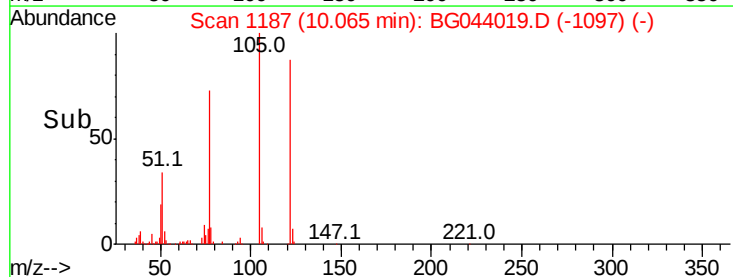
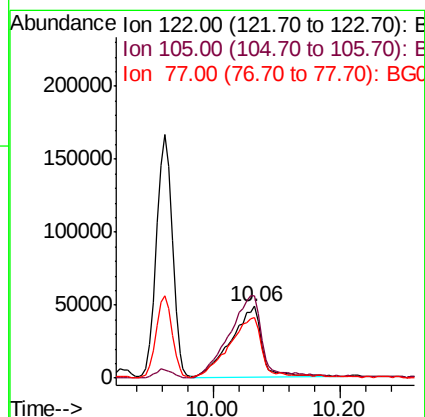
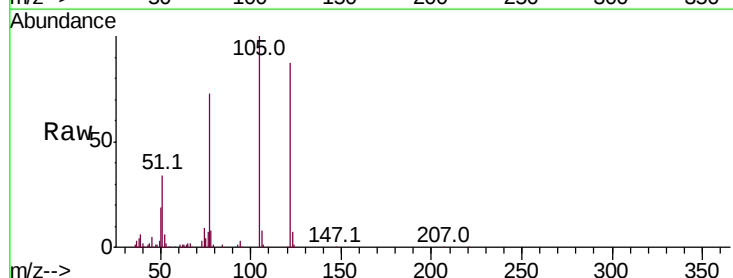
Instrument :
BNA_G
ClientSampleId :

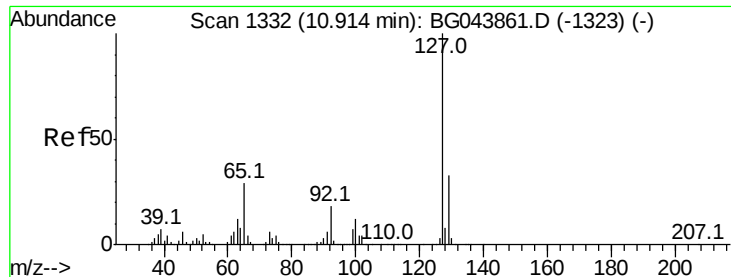
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	15.2	12.0	18.0



#32
Benzoic acid
Concen: 34.128 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.2	106.4	146.4
77	84.6	74.6	114.6

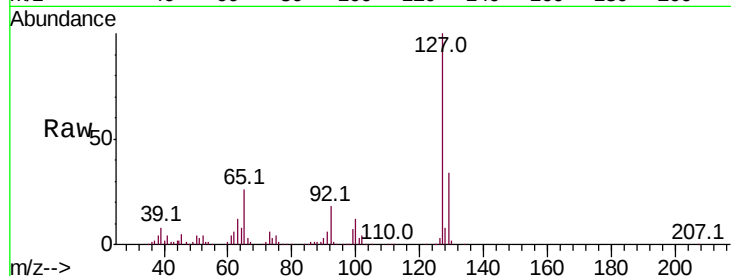




#33
4-Chloroaniline
Concen: 19.518 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	215514
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.6	40.0
65	26.4	23.3	34.9
92	18.1	14.7	22.1



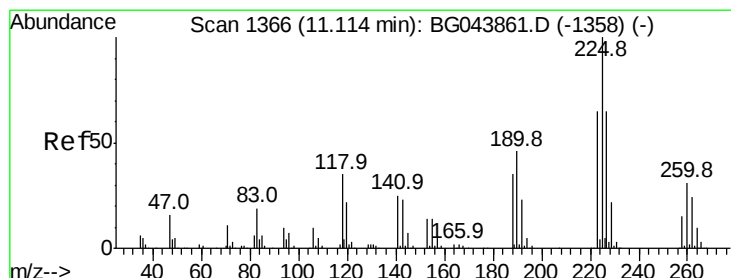
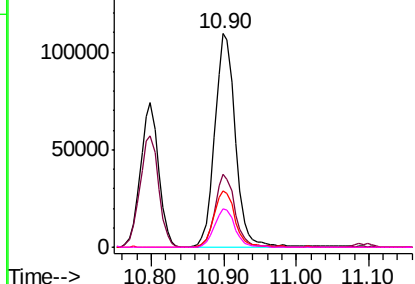
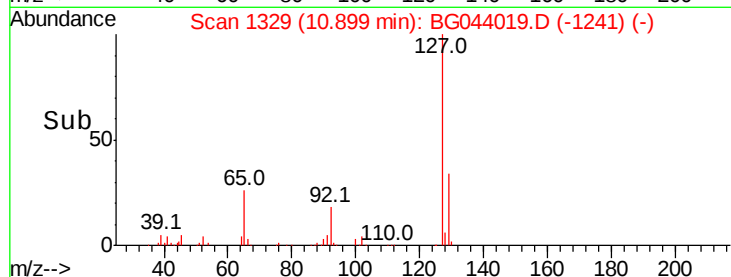
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

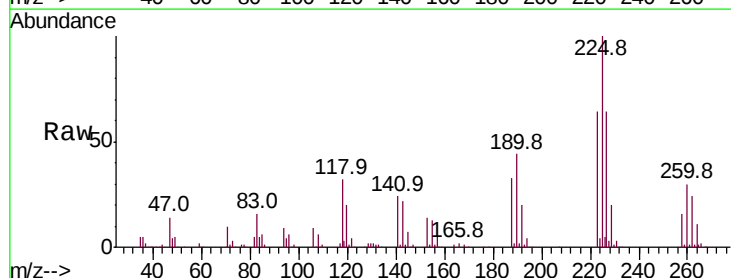
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 34.321 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion:	225	Resp:	176781
Ion	Ratio	Lower	Upper
225	100		
223	64.0	52.2	78.4
227	64.5	52.1	78.1

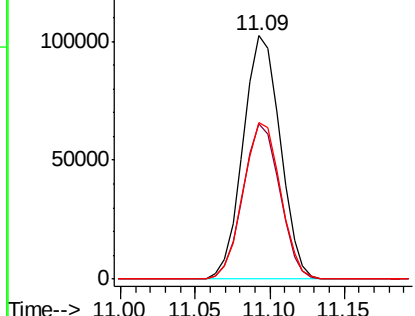
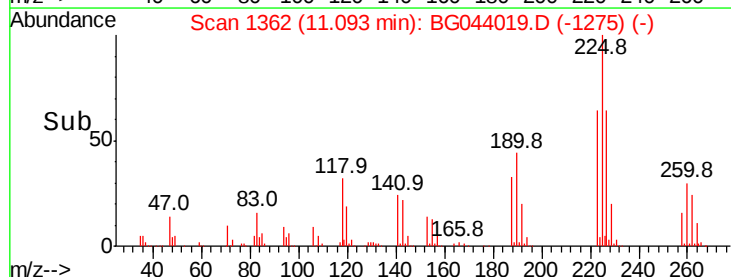


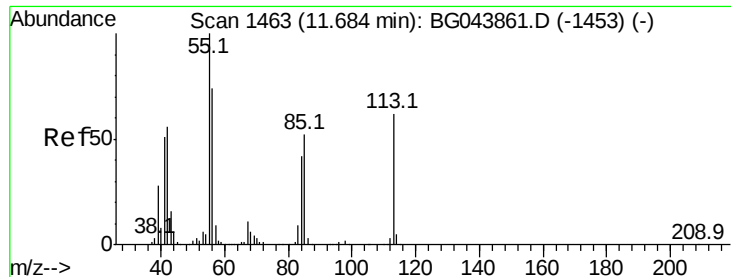
Abundance

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: 26.595 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

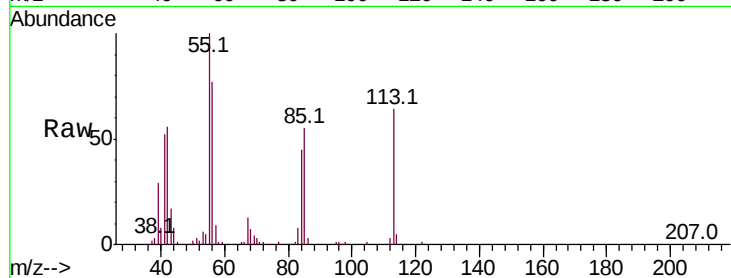
Tot Ion:113 Resp: 74491

Ion Ratio Lower Upper

113 100

55 155.7 142.5 182.5

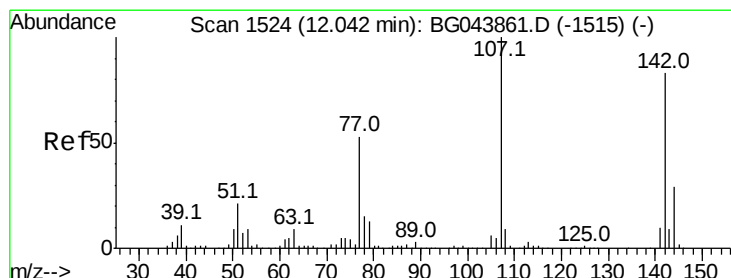
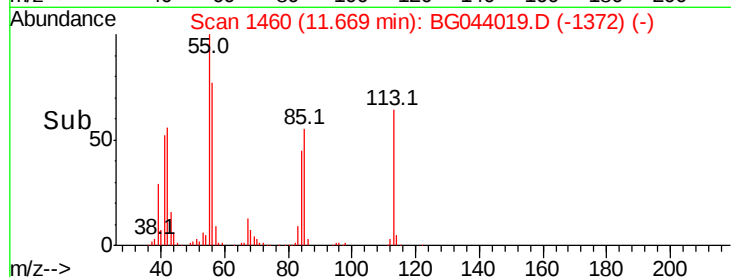
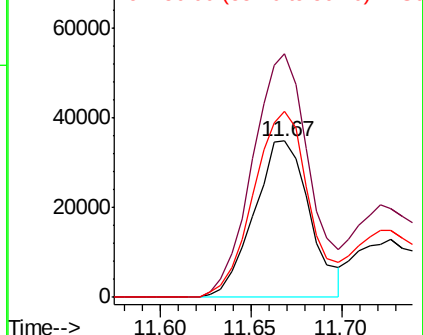
56 119.3 101.4 141.4



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: 40.179 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

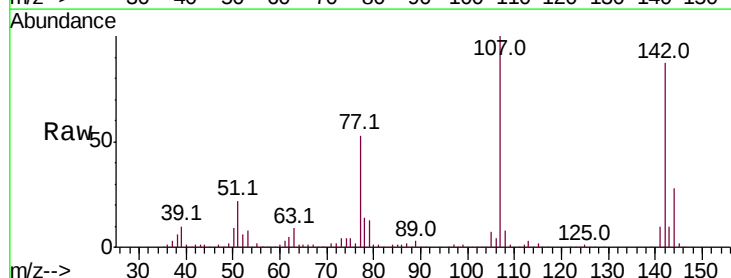
Tgt Ion:107 Resp: 321828

Ion Ratio Lower Upper

107 100

144 28.1 23.4 35.2

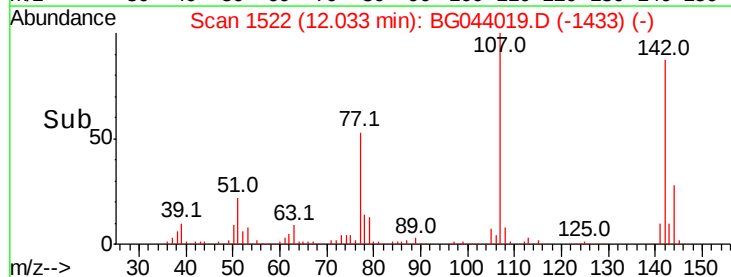
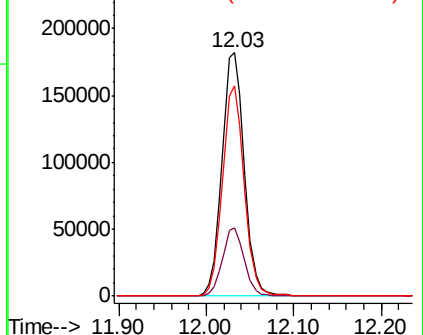
142 86.5 66.3 99.5

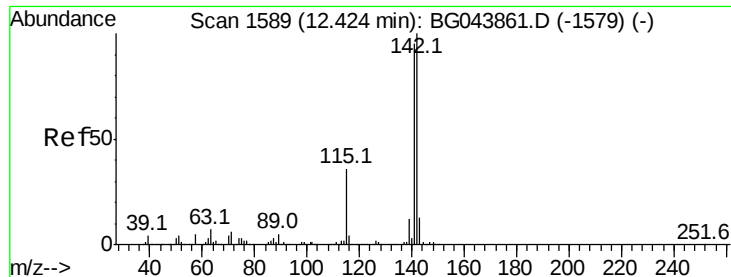


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

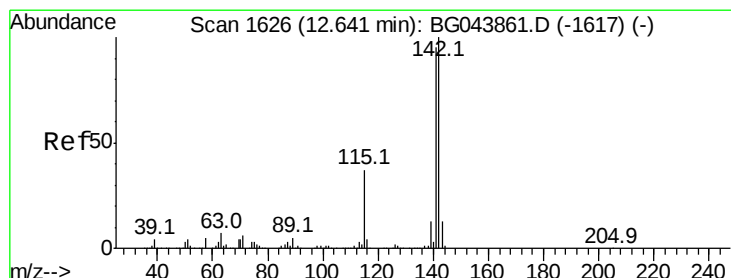
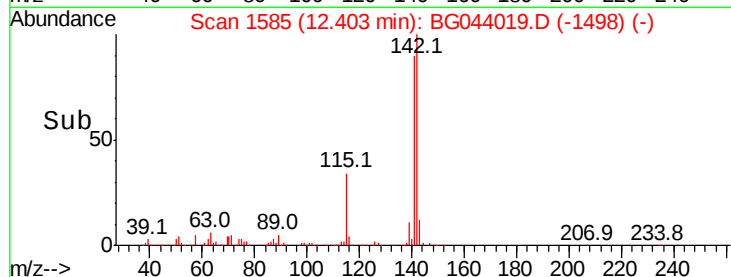
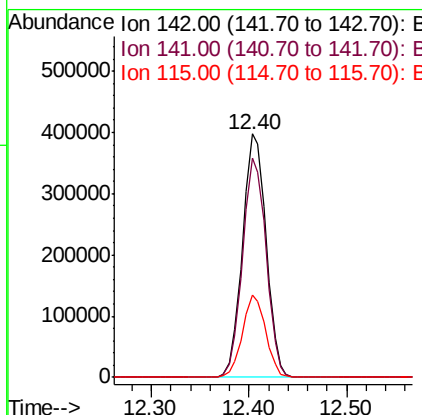
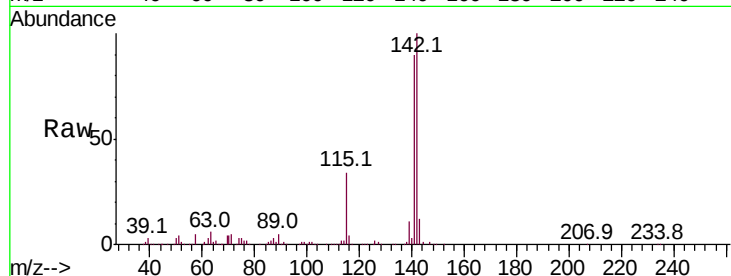




#37
2-Methylnaphthalene
Concen: 38.329 ng
RT: 12.40 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

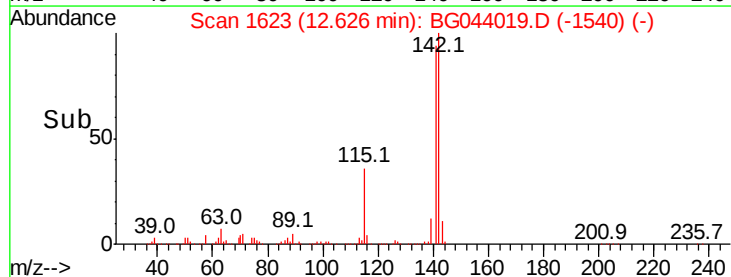
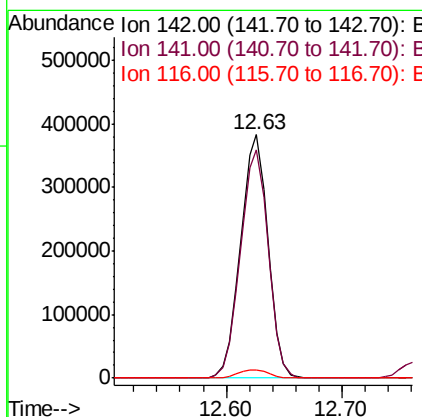
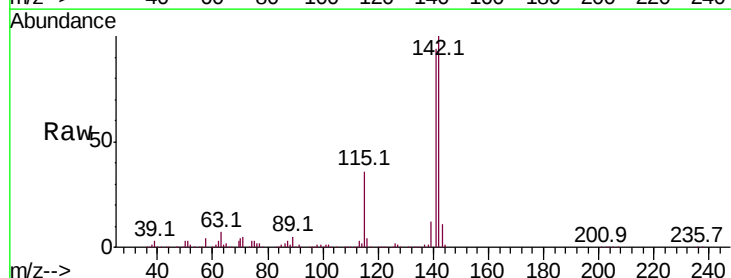
Instrument :
BNA_G
ClientSampleId :

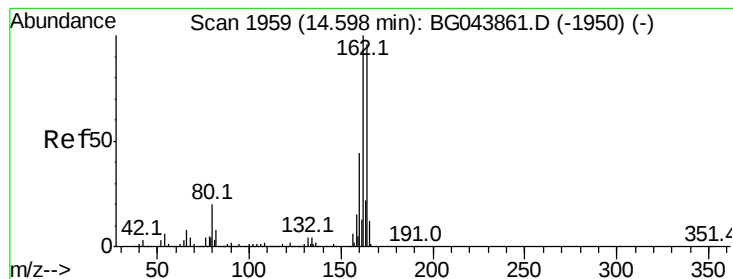
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	75.8	113.8
115	34.1	28.6	42.8



#38
1-Methylnaphthalene
Concen: 38.137 ng
RT: 12.63 min Scan# 1623
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	76.0	114.0
116	3.6	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: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

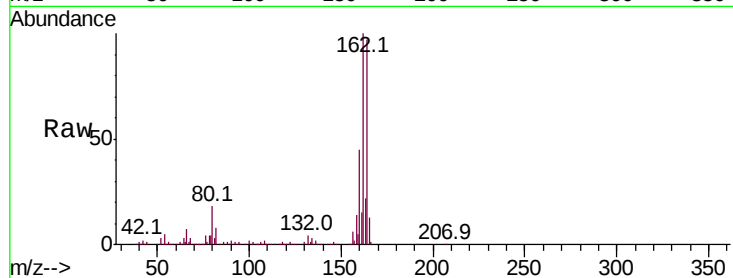
Tot Ion:164 Resp: 316335

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.4

160 45.8 36.1 54.1

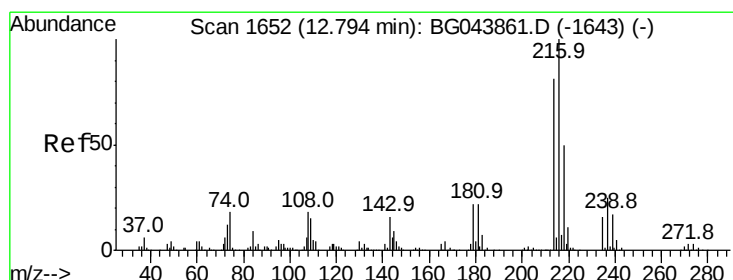
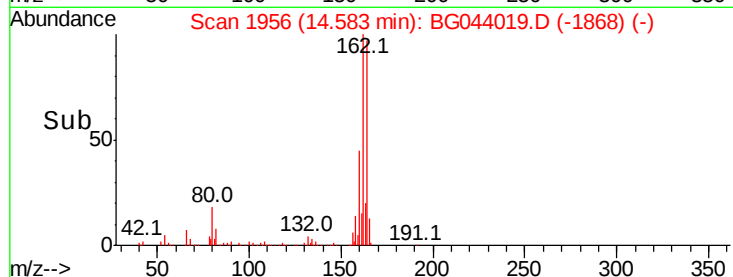
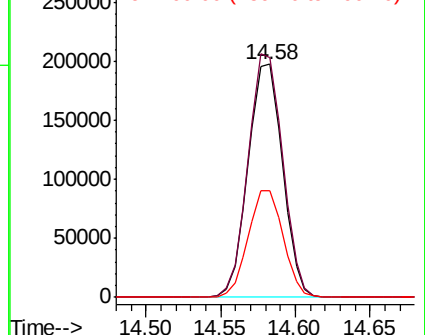


Abundance

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: 33.940 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:216 Resp: 314685

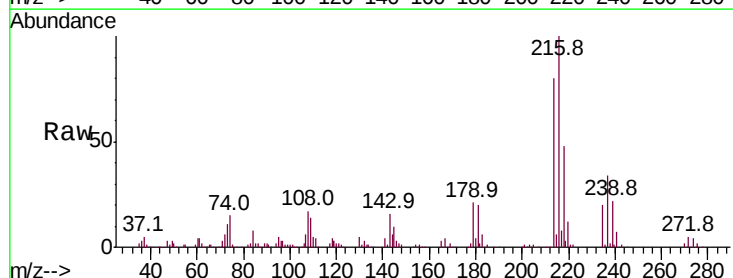
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 21.2 17.3 25.9

108 19.2 15.3 22.9



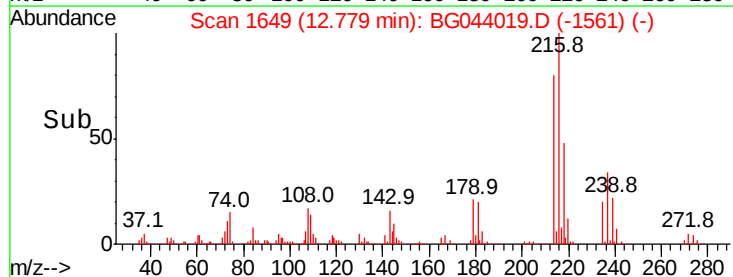
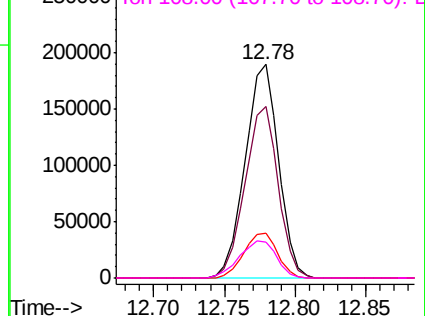
Abundance

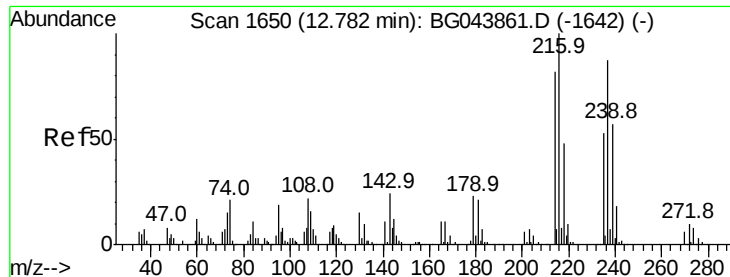
Ion 216.00 (215.70 to 216.70): E

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: 68.999 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

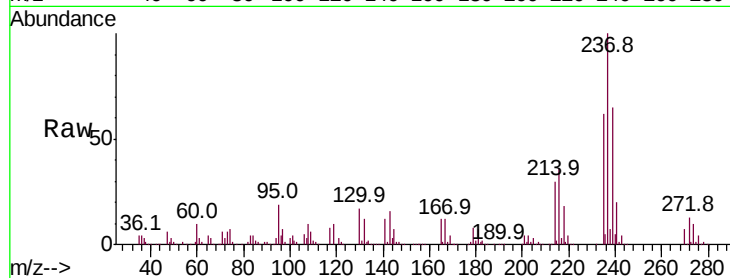
Instrument :

BNA_G

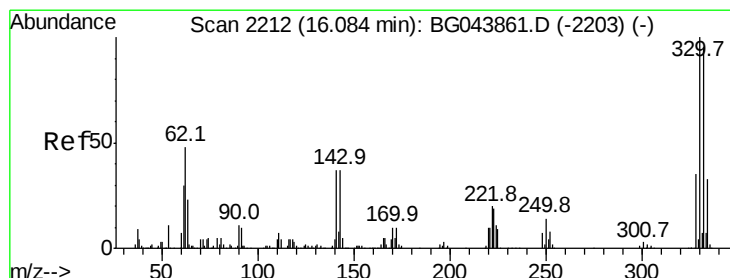
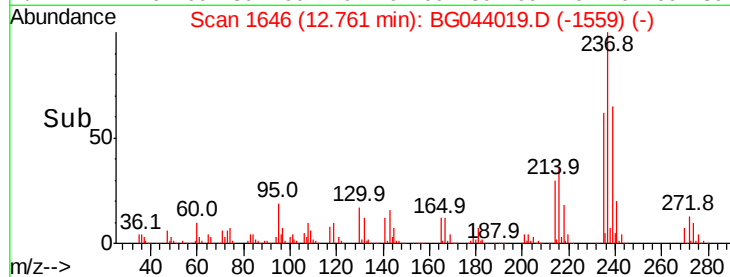
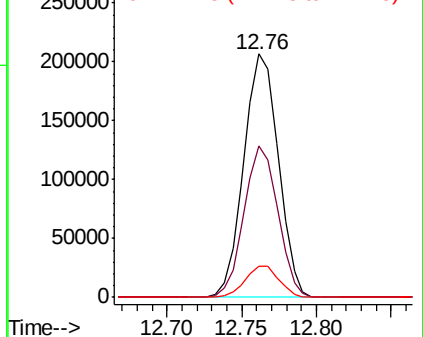
ClientSampleId :

Tot Ion:237 Resp: 331670

Ion	Ratio	Lower	Upper
237	100		
235	62.3	41.1	81.1
272	12.9	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: 118.650 ng

RT: 16.07 min Scan# 2209

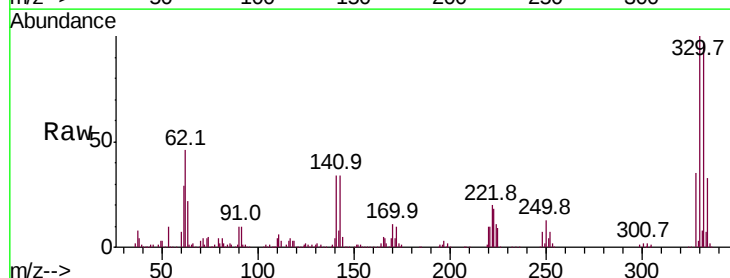
Delta R.T. -0.02 min

Lab File: BG044019.D

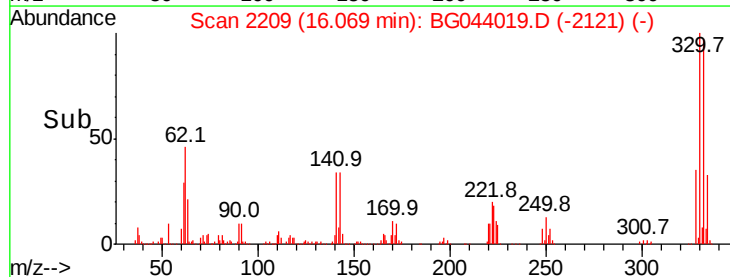
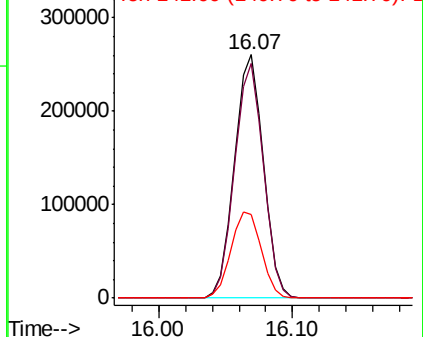
Acq: 13 Jan 2020 19:40

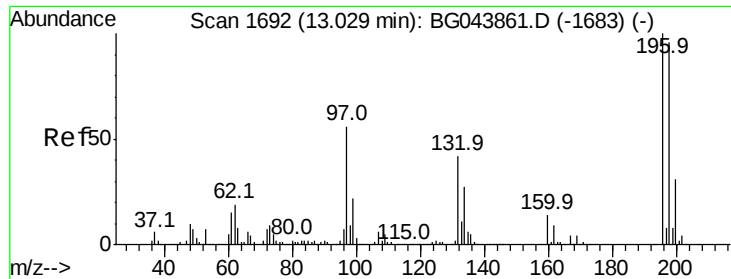
Tgt Ion:330 Resp: 392776

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	37.6	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

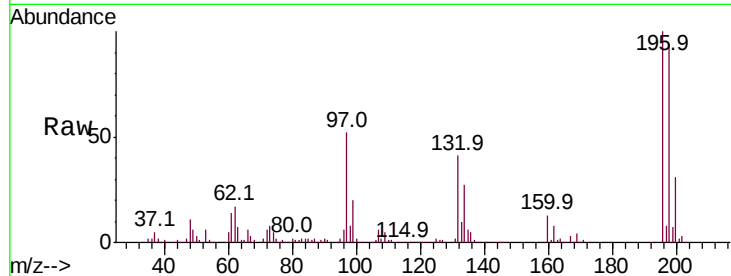




#43
 2,4,6-Trichlorophenol
 Concen: 38.004 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.6	115.0
200	30.8	24.6	37.0

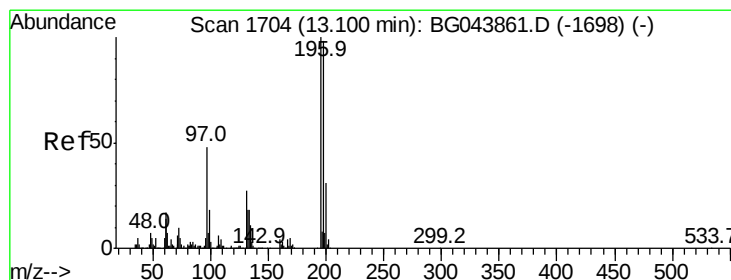
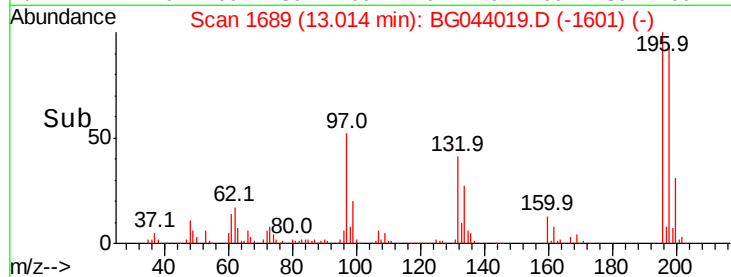
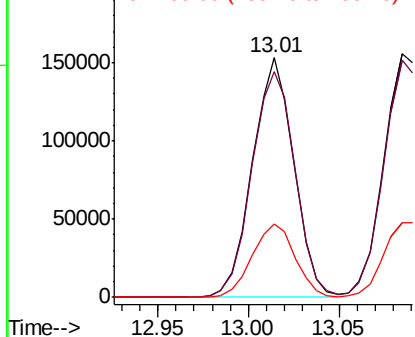


Abundance

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: 40.097 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.3	117.5
97	46.9	38.8	58.2
132	26.7	21.3	31.9

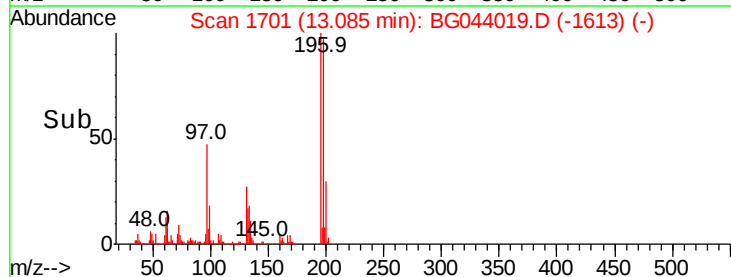
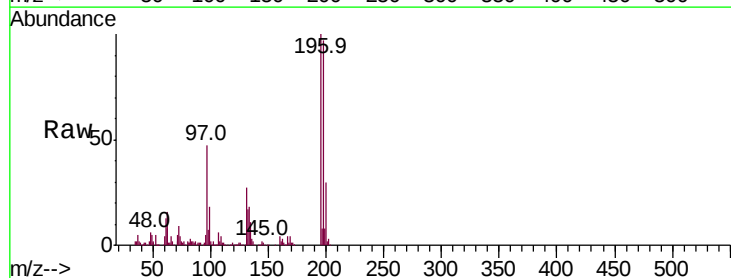
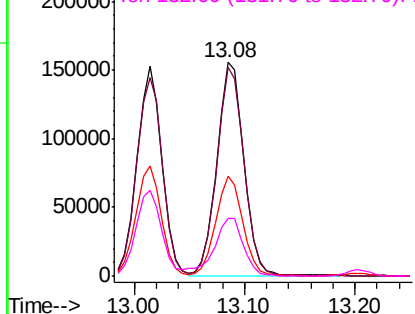
Abundance

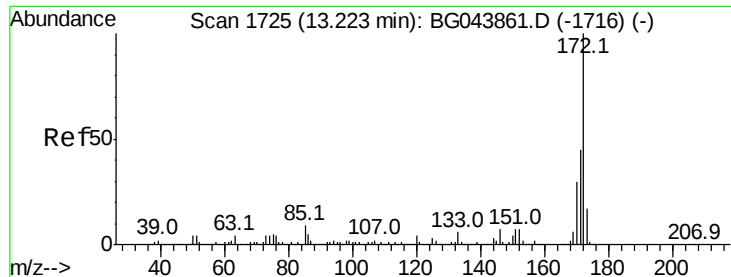
Ion 196.00 (195.70 to 196.70): E

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



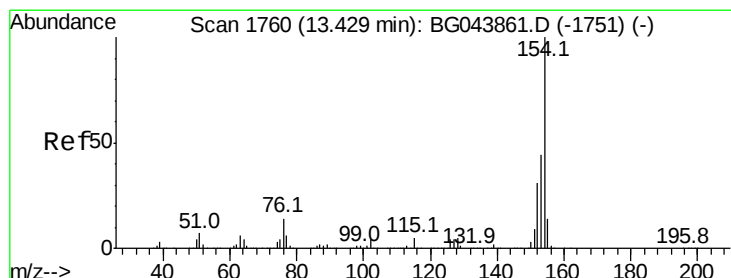
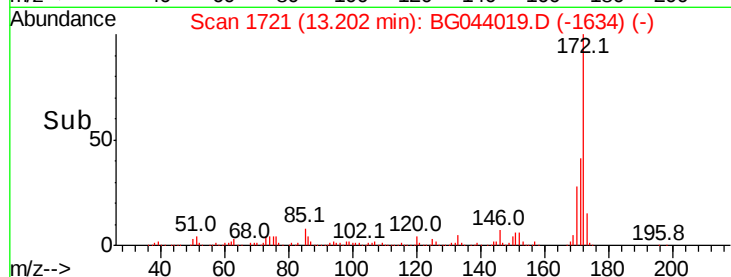
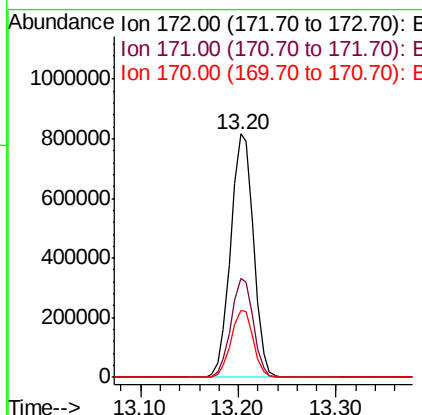
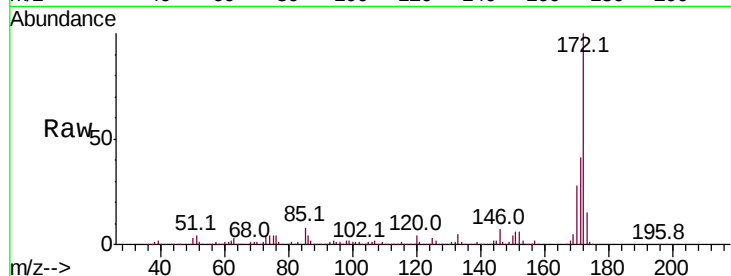


#45
 2-Fluorobiphenyl
 Concen: 75.449 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1317333

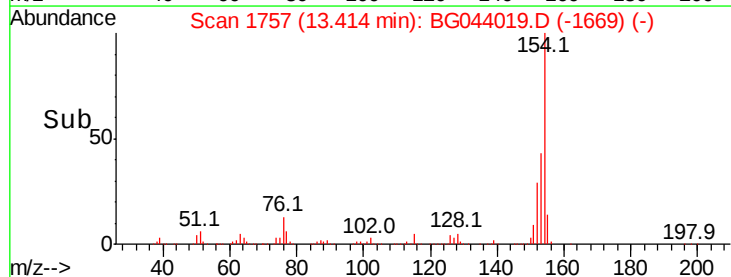
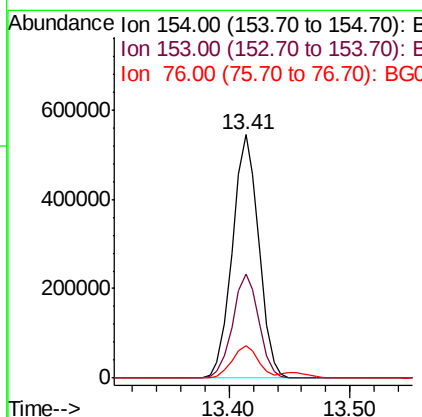
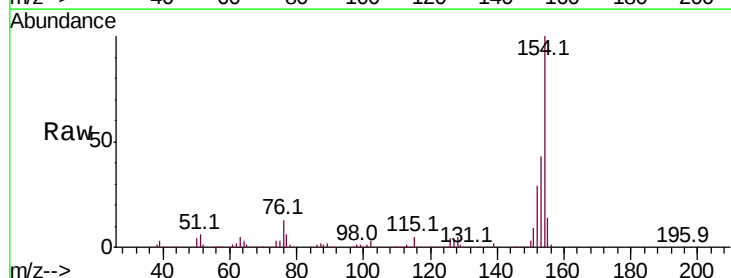
Ion	Ratio	Lower	Upper
172	100		
171	40.6	35.8	53.8
170	27.5	24.2	36.4

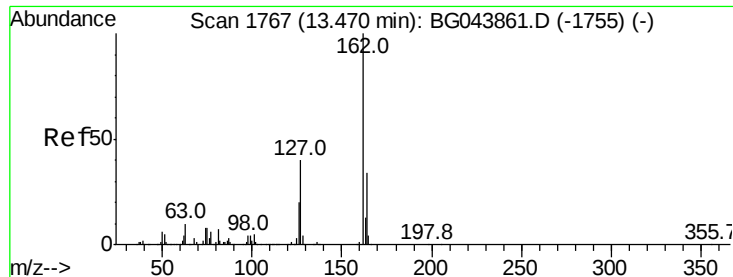


#46
 1,1'-Biphenyl
 Concen: 36.474 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion:154 Resp: 827251

Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.6	63.6
76	13.1	0.0	34.4

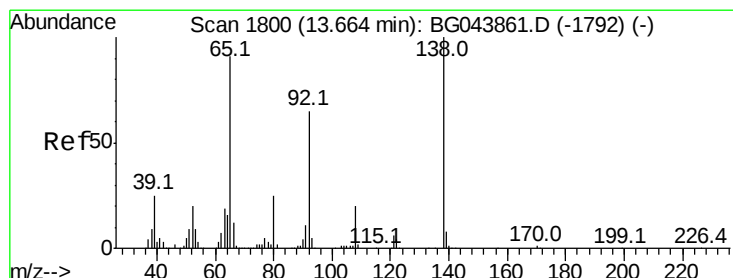
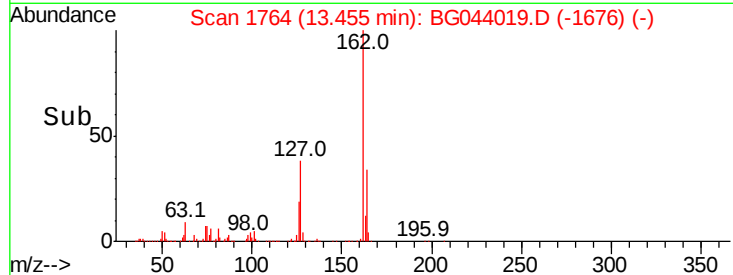
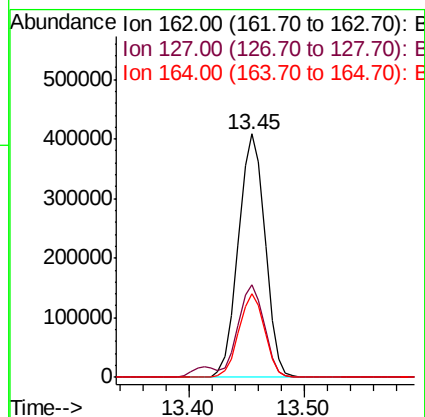
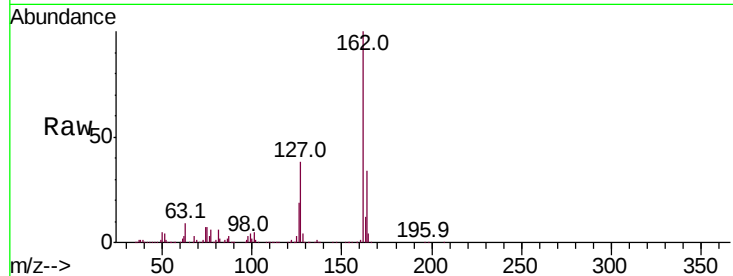




#47
 2-Chloronaphthalene
 Concen: 35.701 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

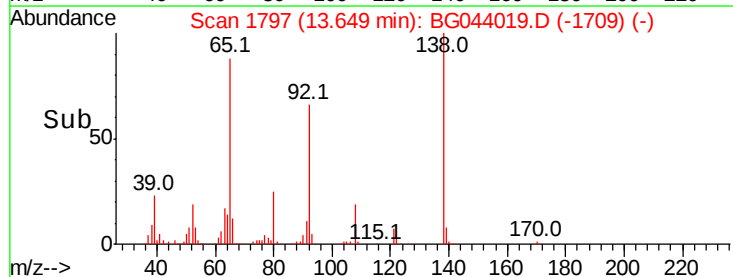
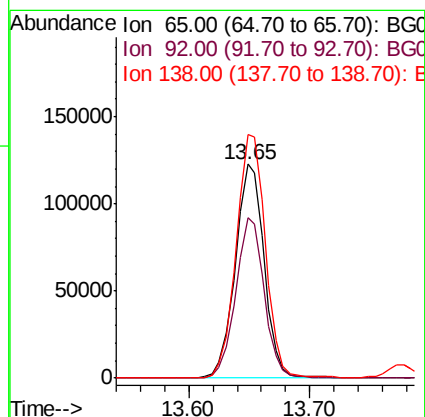
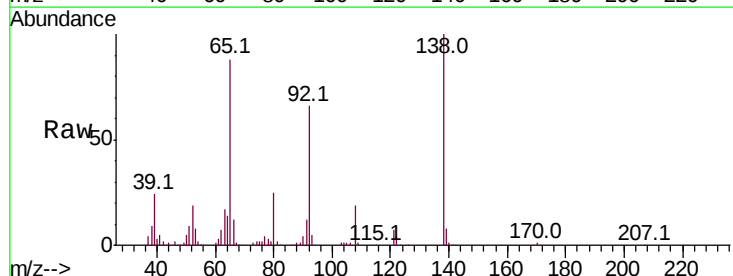
Instrument :
 BNA_G
 ClientSampled :

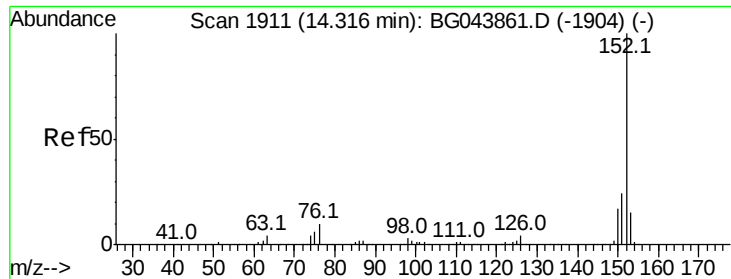
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	32.1	48.1
164	34.4	27.5	41.3



#48
 2-Nitroaniline
 Concen: 34.614 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	57.4	86.2
138	113.8	88.2	132.4





#49

Acenaphthylene

Concen: 39.004 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

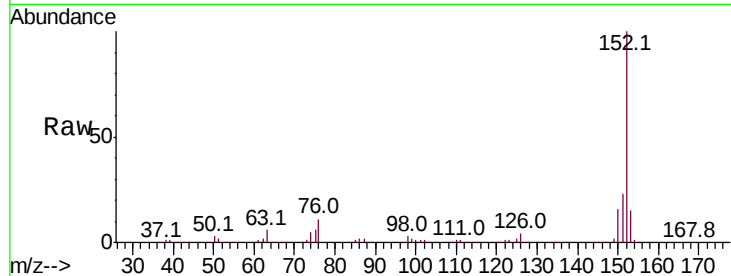
Tot Ion:152 Resp: 1027439

Ion Ratio Lower Upper

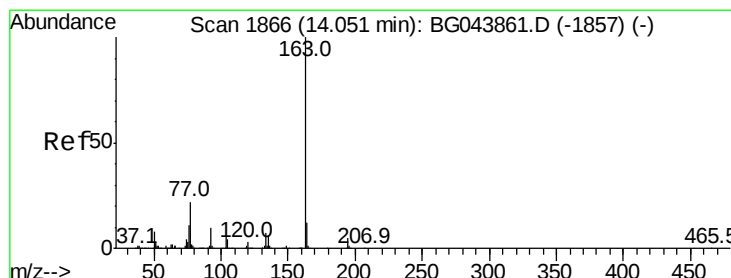
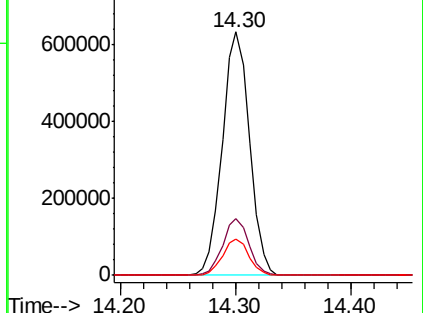
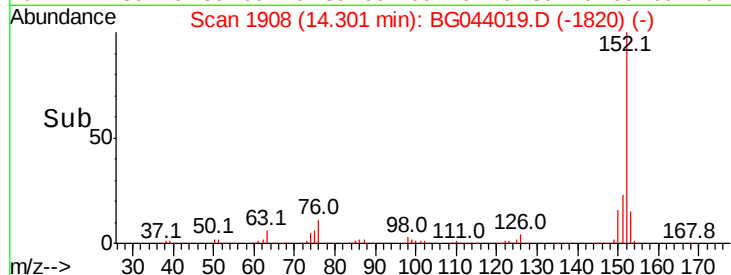
152 100

151 23.0 19.4 29.2

153 14.8 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.899 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

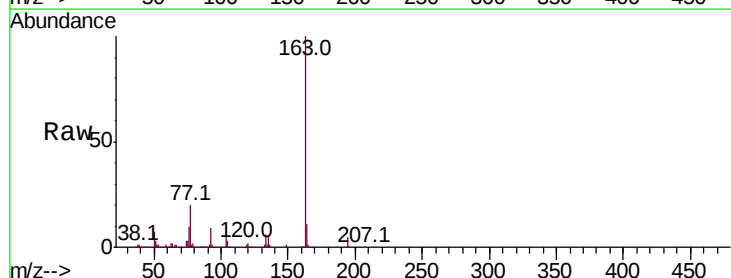
Tgt Ion:163 Resp: 851251

Ion Ratio Lower Upper

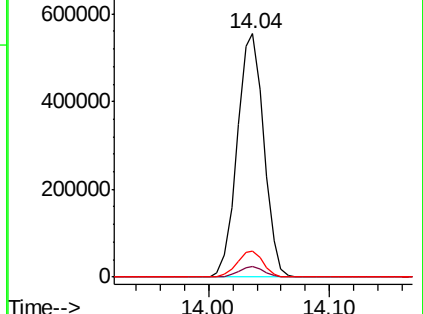
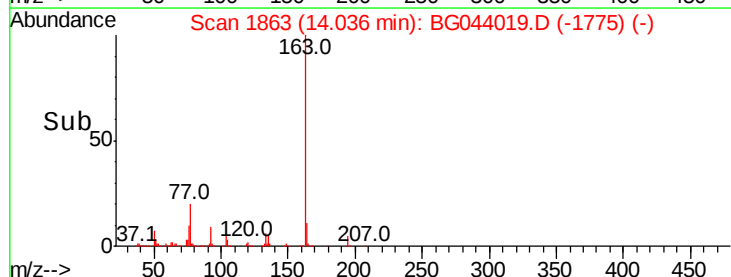
163 100

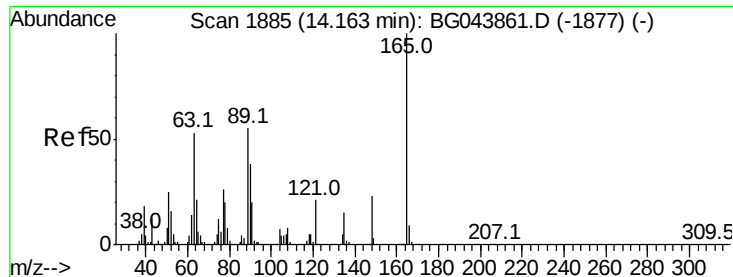
194 4.5 3.7 5.5

164 10.9 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.614 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

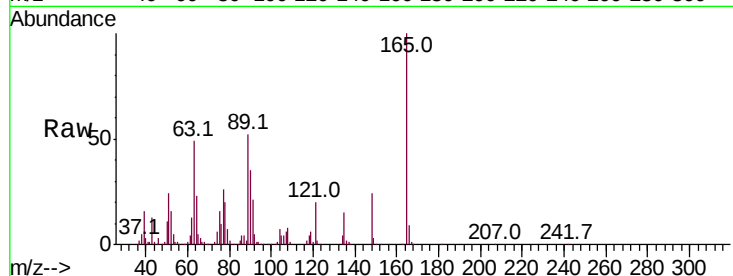
Tot Ion:165 Resp: 196033

Ion Ratio Lower Upper

165 100

63 48.9 43.1 64.7

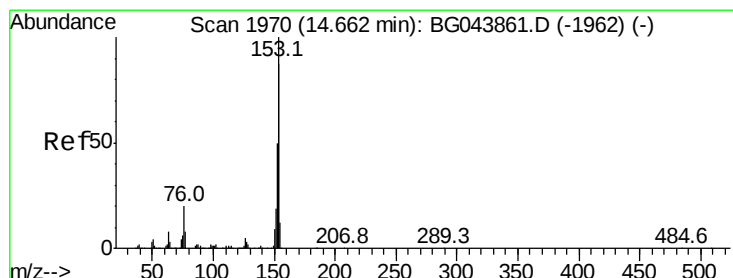
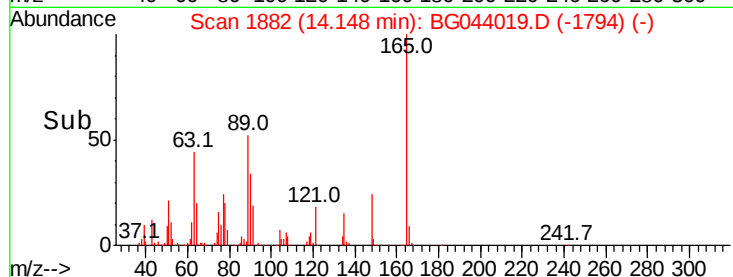
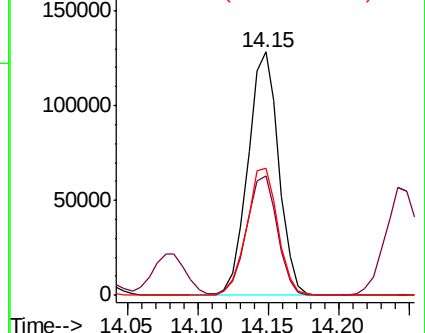
89 52.1 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 35.162 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

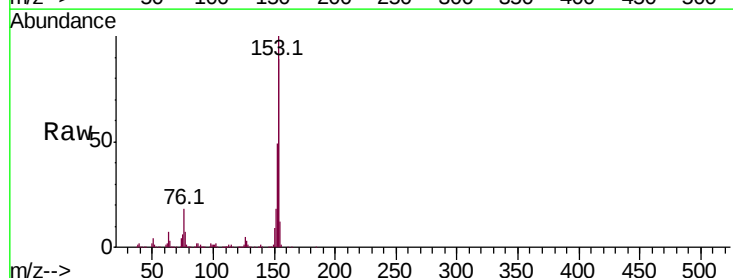
Tgt Ion:154 Resp: 649564

Ion Ratio Lower Upper

154 100

153 111.8 91.6 137.4

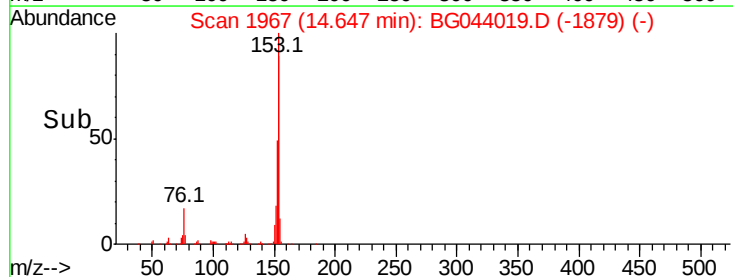
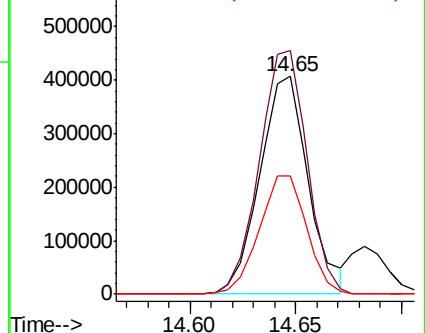
152 54.4 45.4 68.0

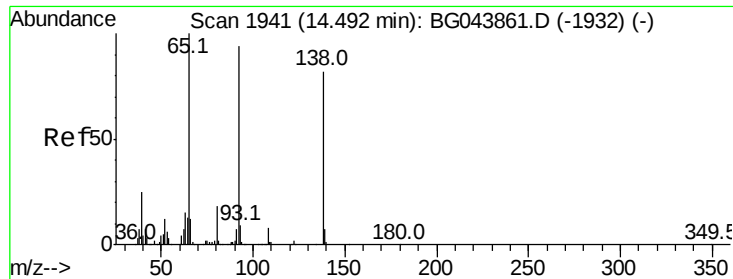


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.370 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

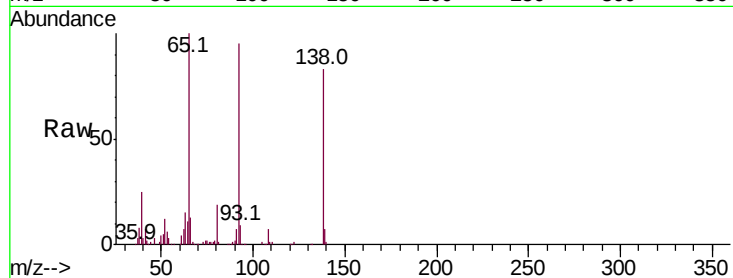
Tot Ion:138 Resp: 152025

Ion Ratio Lower Upper

138 100

108 9.0 7.4 11.2

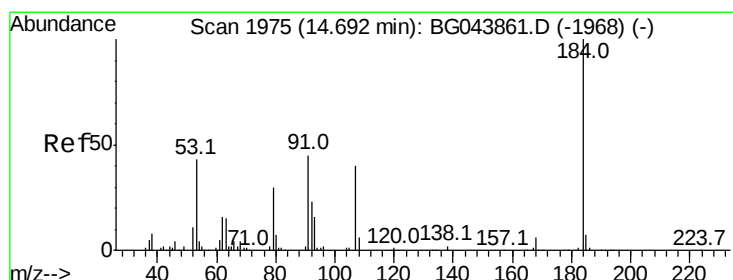
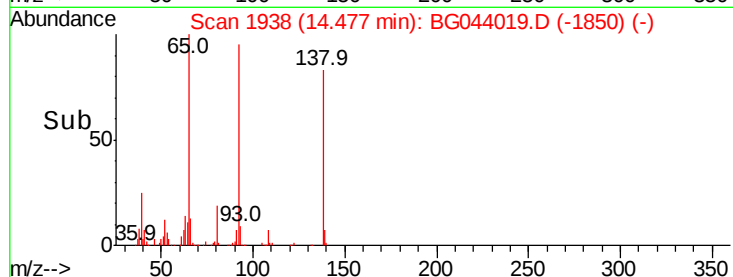
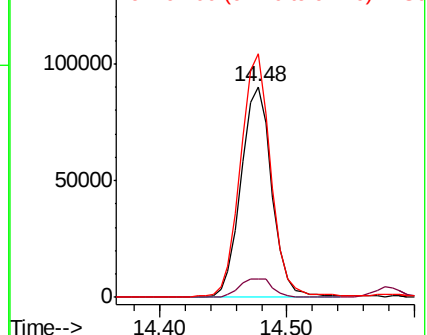
92 115.5 92.1 138.1



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: 91.311 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

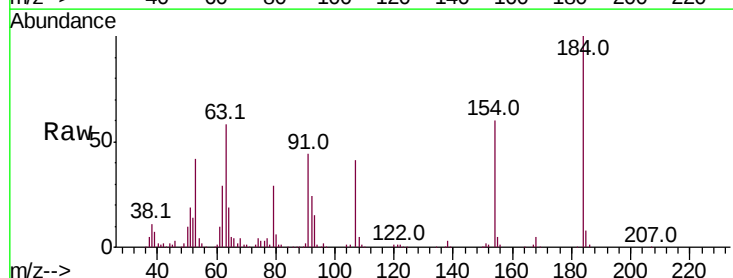
Tgt Ion:184 Resp: 238314

Ion Ratio Lower Upper

184 100

63 57.6 46.6 70.0

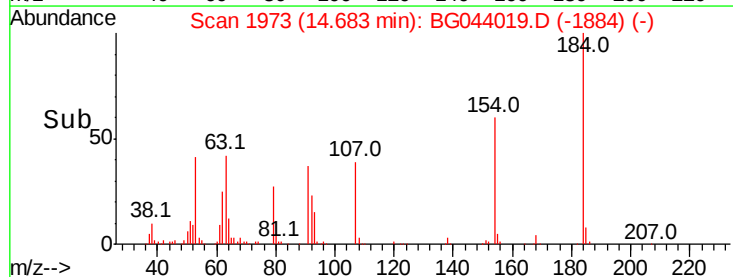
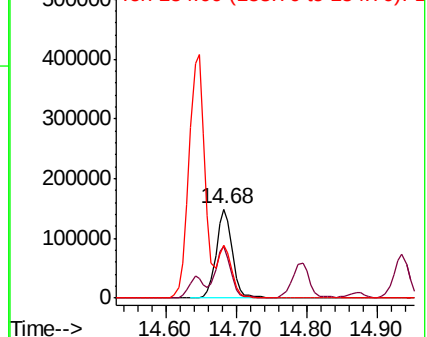
154 59.9 50.2 75.4

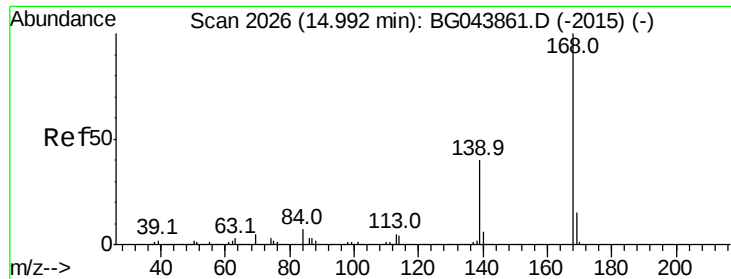


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.450 ng

RT: 14.98 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

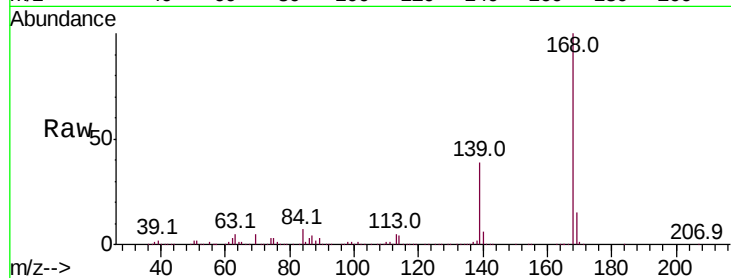
Tot Ion:168 Resp: 1003248

Ion Ratio Lower Upper

168 100

139 38.6 32.2 48.2

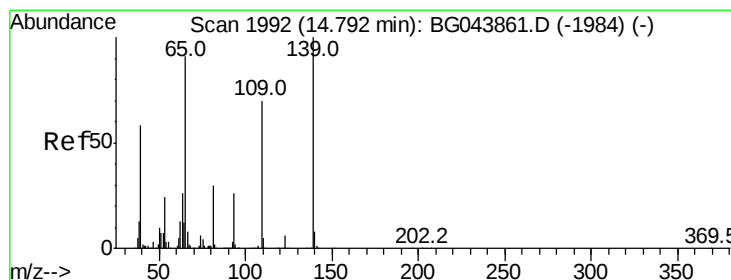
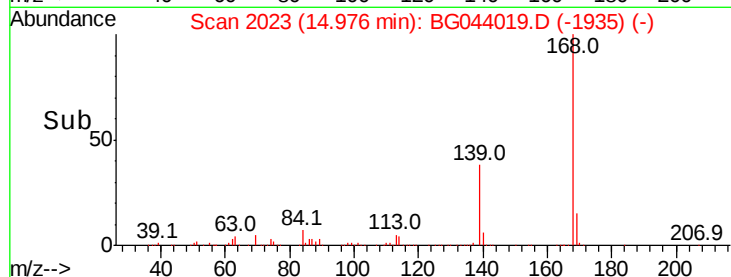
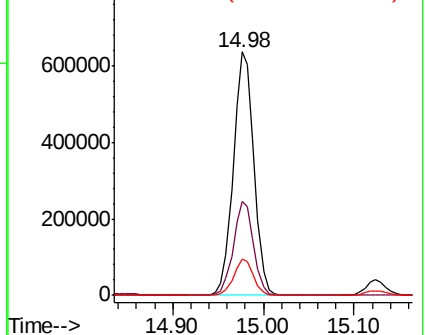
169 15.0 12.2 18.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.799 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

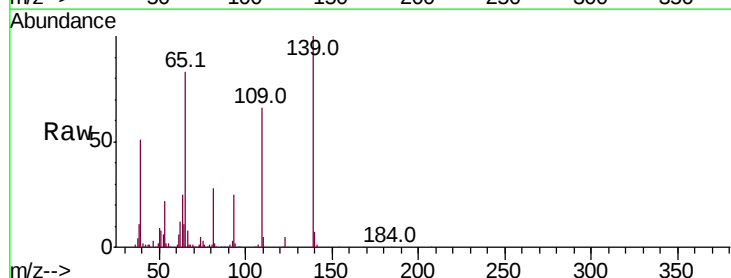
Tgt Ion:139 Resp: 387878

Ion Ratio Lower Upper

139 100

109 65.5 50.4 90.4

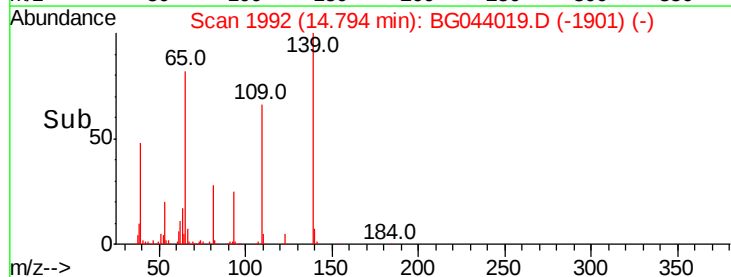
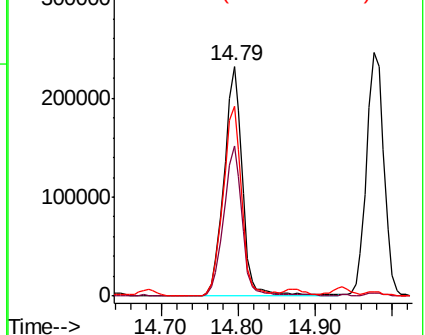
65 82.9 71.4 111.4

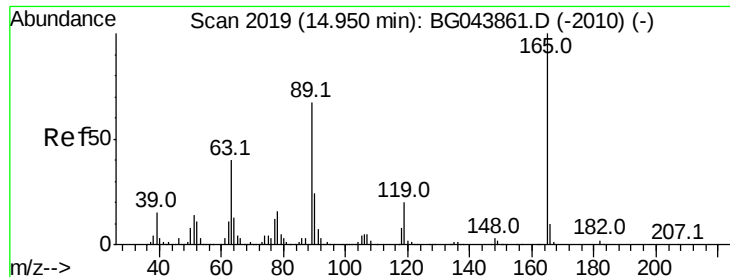


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

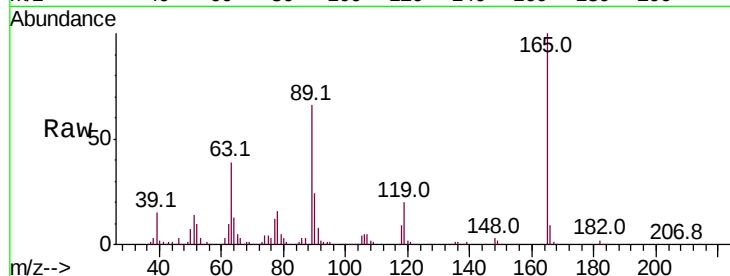




#57
 2,4-Dinitrotoluene
 Concen: 40.546 ng
 RT: 14.94 min Scan# 2016
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.6	31.9	47.9
89	66.0	53.8	80.6
182	2.5	2.0	3.0



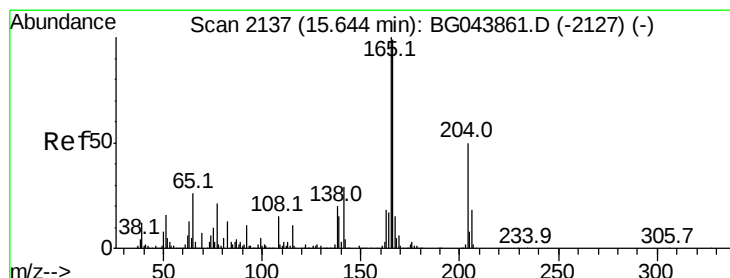
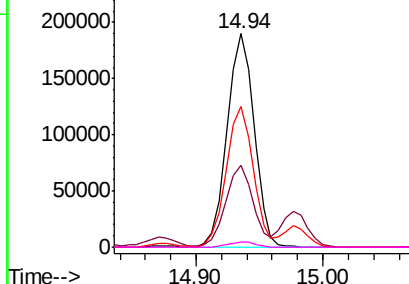
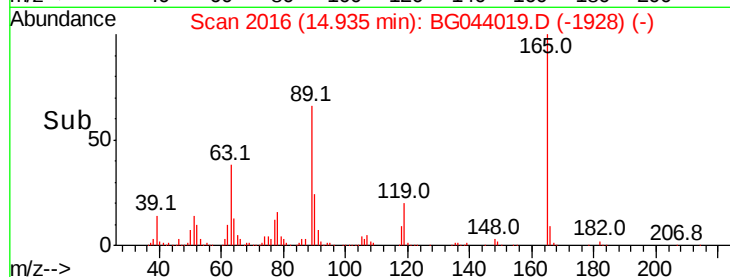
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

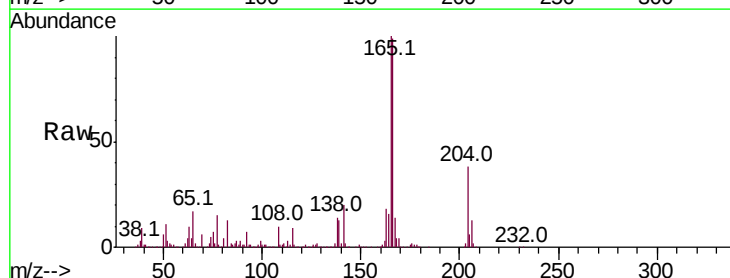
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.152 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.8	121.2
167	14.3	12.1	18.1

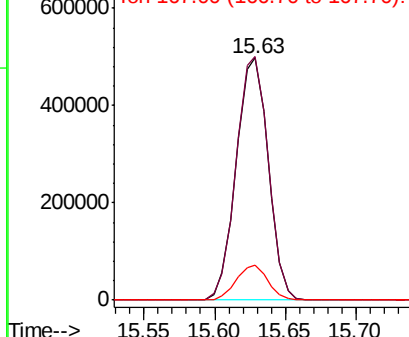
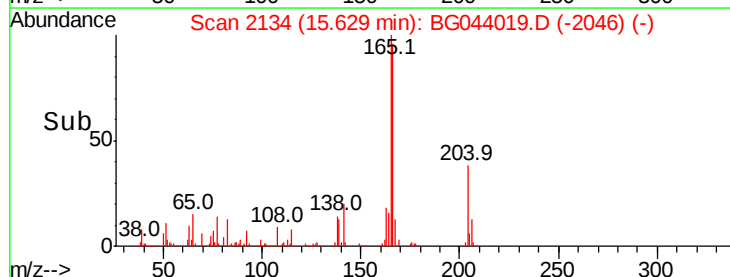


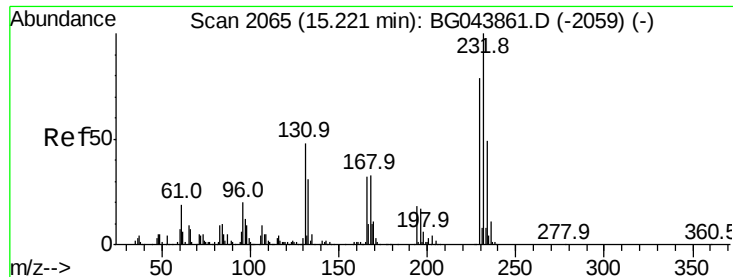
Abundance

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

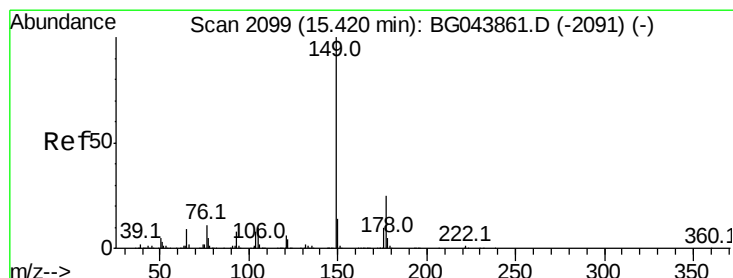
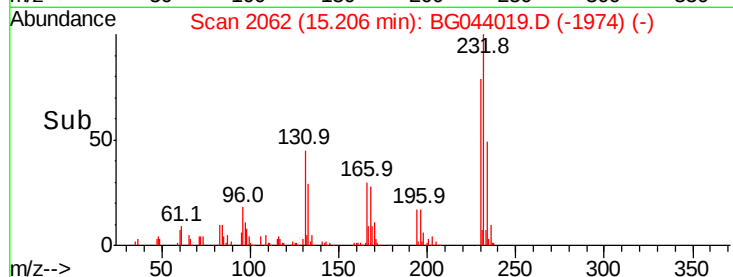
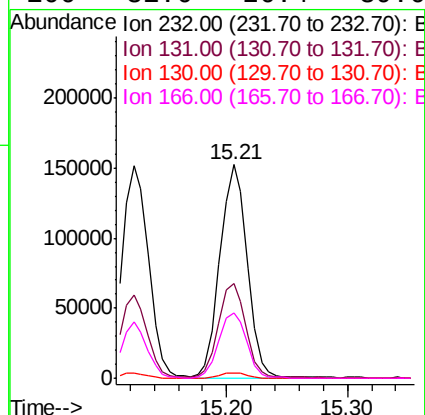
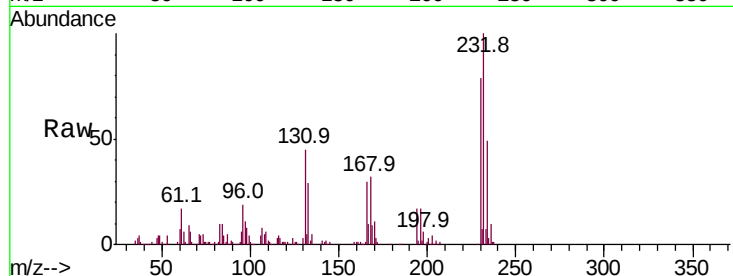




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.854 ng
 RT: 15.21 min Scan# 2062
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

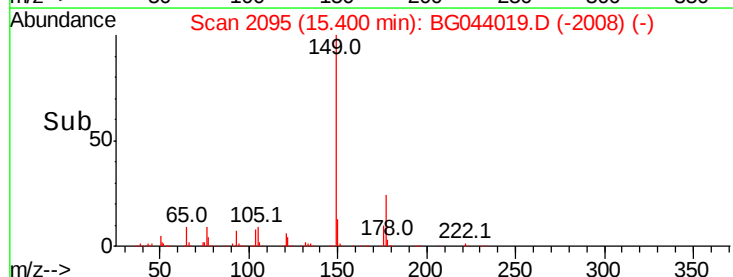
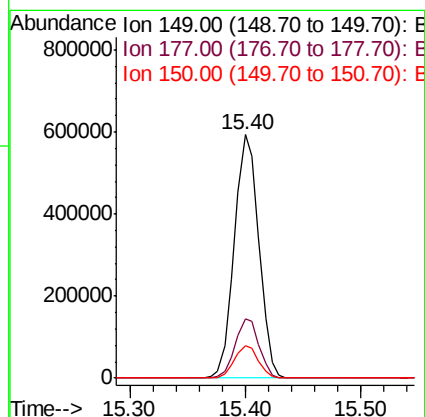
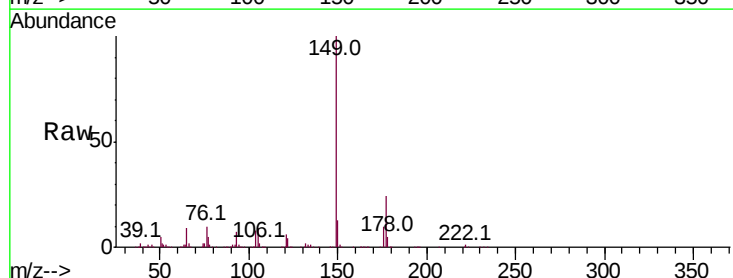
Instrument :
 BNA_G
 ClientSampleId :

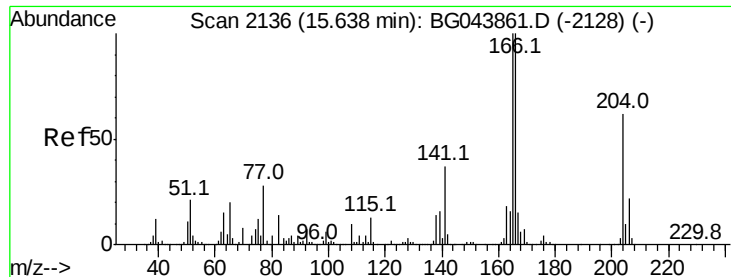
Tot Ion:	232	Resp:	236810
Ion	Ratio	Lower	Upper
232	100		
131	43.8	38.2	57.2
130	2.6	2.2	3.2
166	31.6	26.4	39.6



#60
 Diethylphthalate
 Concen: 38.748 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion:	149	Resp:	870495
Ion	Ratio	Lower	Upper
149	100		
177	24.4	20.0	30.0
150	13.4	11.1	16.7

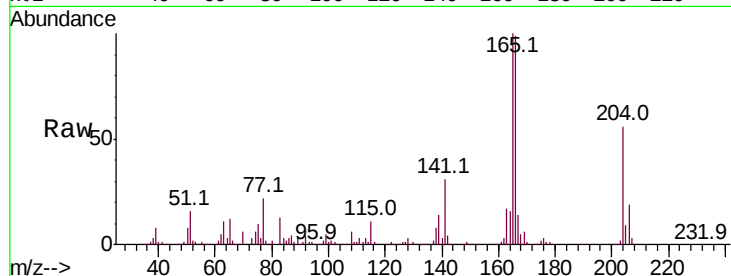




#61
 4-Chlorophenyl-phenylether
 Concen: 37.599 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	28.2	42.2
141	54.9	48.2	72.2

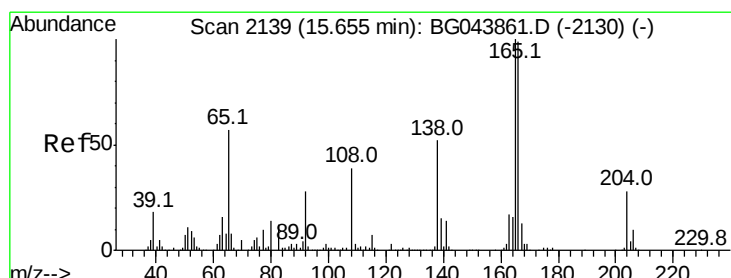
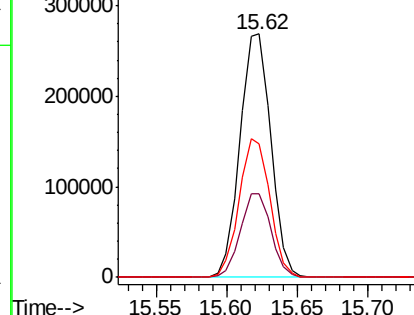
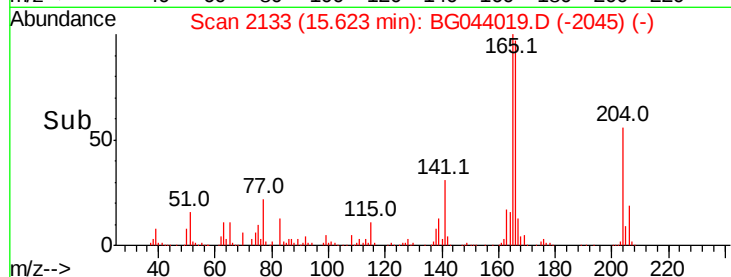


Abundance

Ion 204.00 (203.70 to 204.70): E

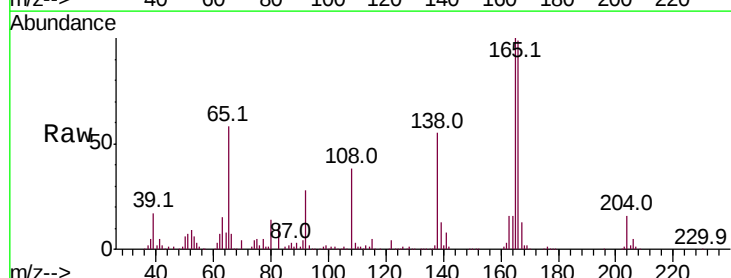
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 36.049 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	34.3	74.3
108	69.6	55.0	95.0

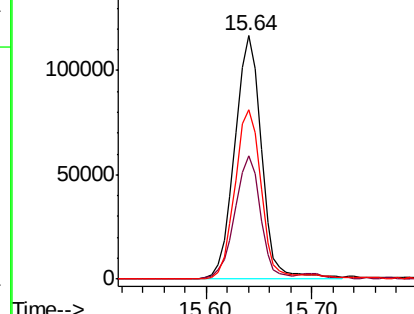
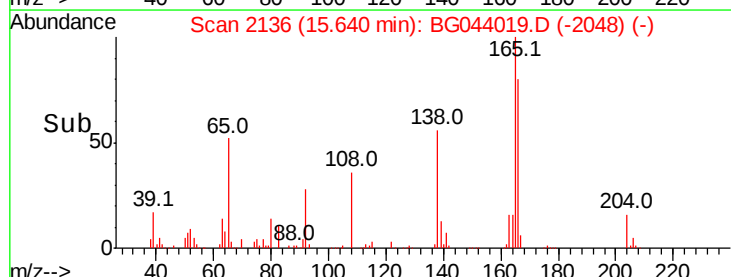


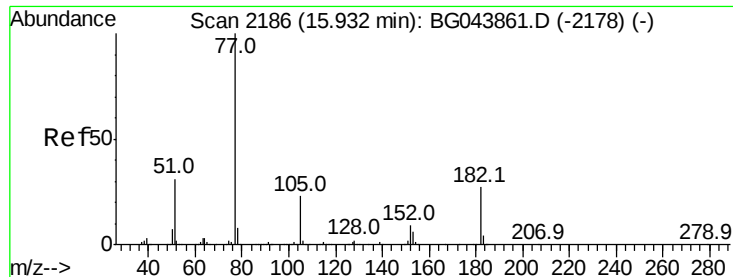
Abundance

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: 37.625 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 783897

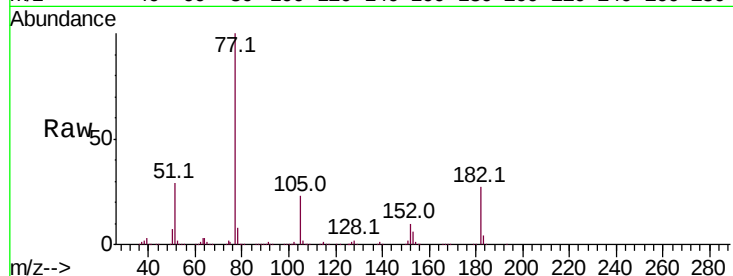
Ion Ratio Lower Upper

77 100

182 27.3 7.3 47.3

105 23.2 3.2 43.2

51 29.3 10.6 50.6

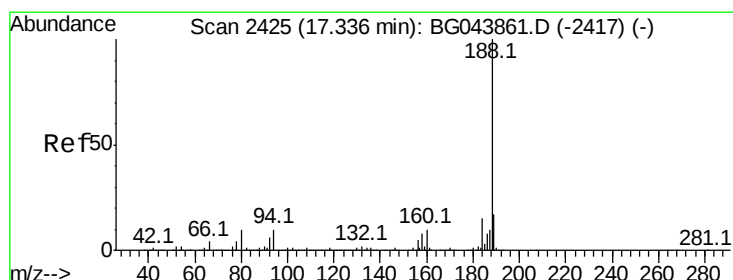
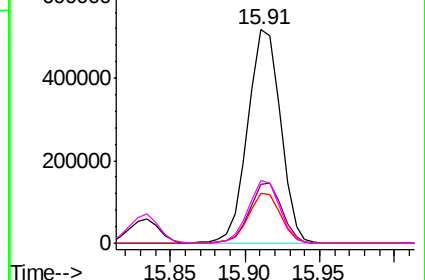
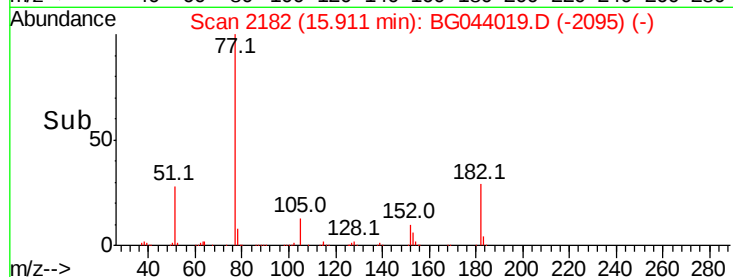


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2422

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

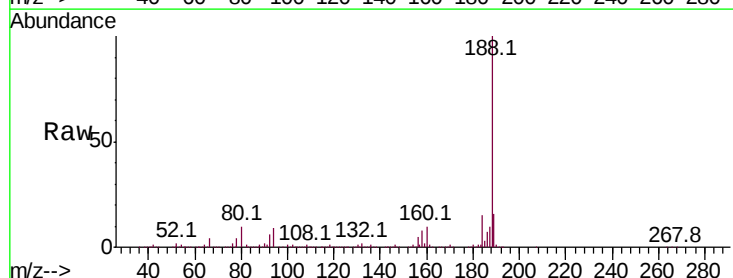
Tgt Ion: 188 Resp: 706350

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

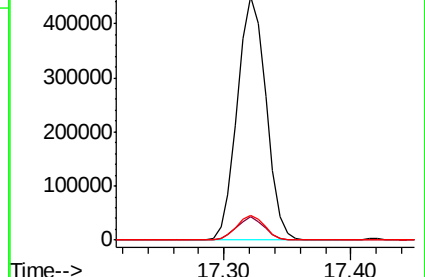
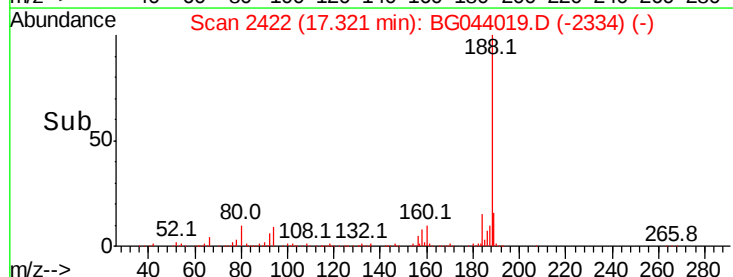
80 10.4 8.2 12.4

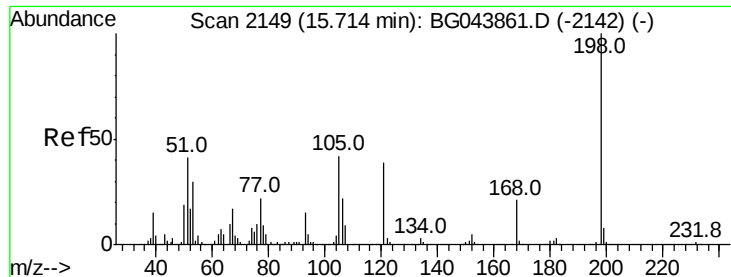


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 47.134 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

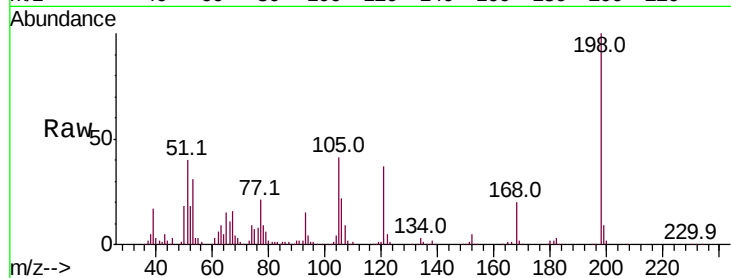
Tot Ion:198 Resp: 171219

Ion	Ratio	Lower	Upper
198	100		
51	39.9	22.5	62.5
105	41.2	22.3	62.3

198 100

51 39.9 22.5 62.5

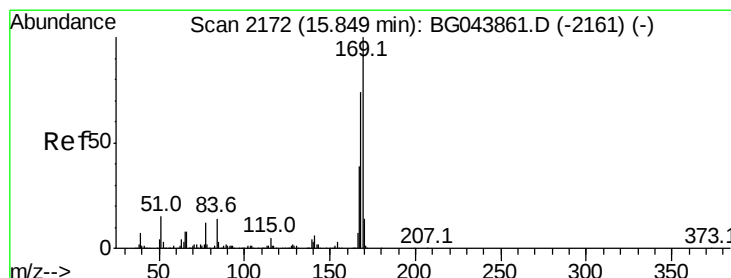
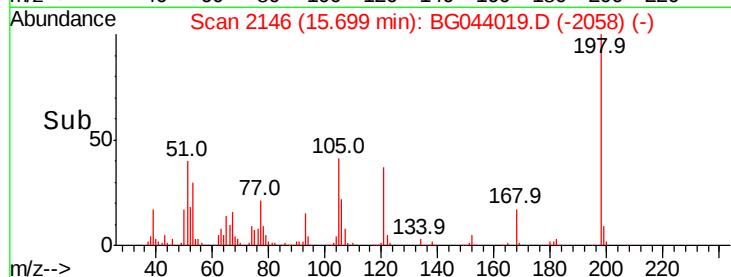
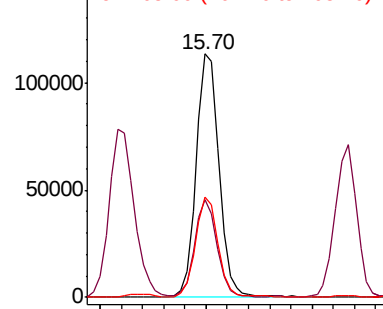
105 41.2 22.3 62.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.423 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

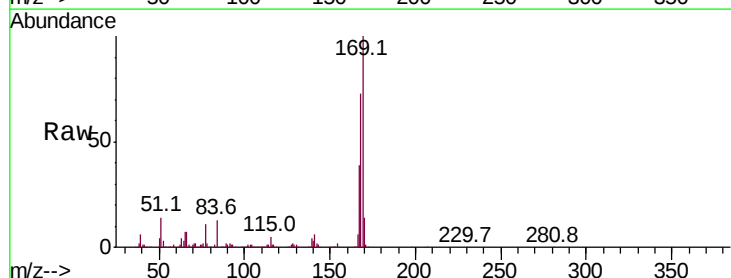
Tgt Ion:169 Resp: 757637

Ion	Ratio	Lower	Upper
169	100		
168	72.6	59.0	88.6
167	39.0	31.4	47.0

169 100

168 72.6 59.0 88.6

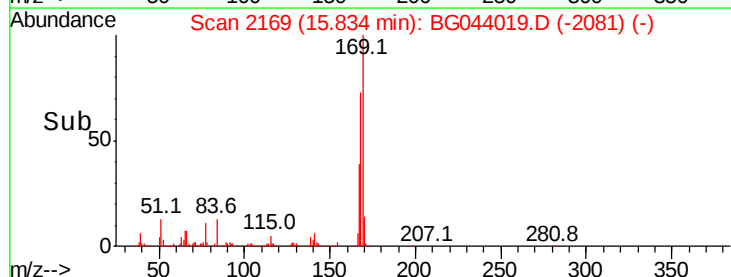
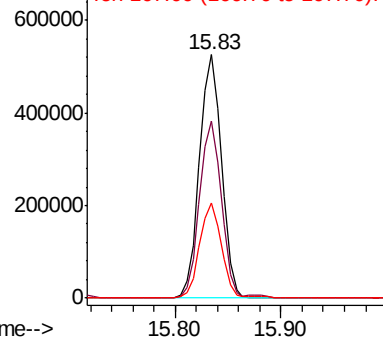
167 39.0 31.4 47.0

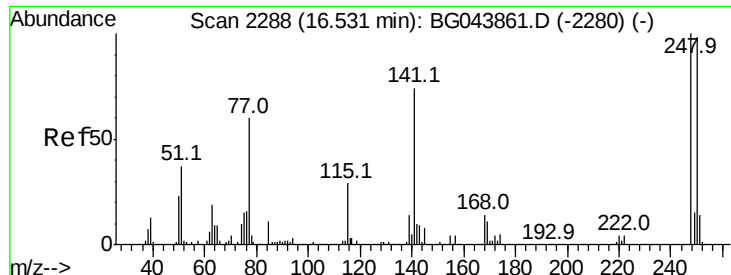


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

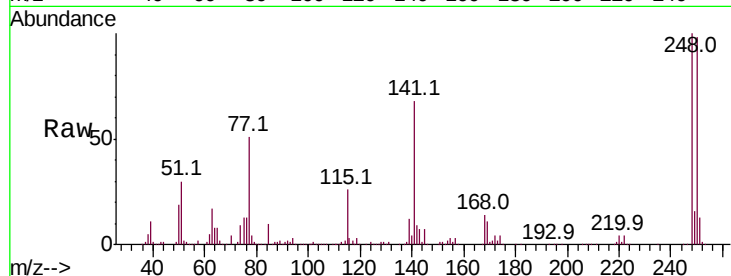




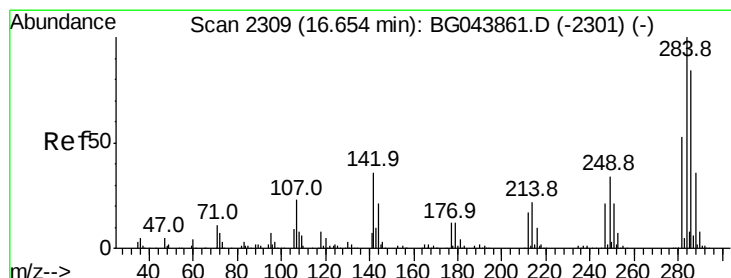
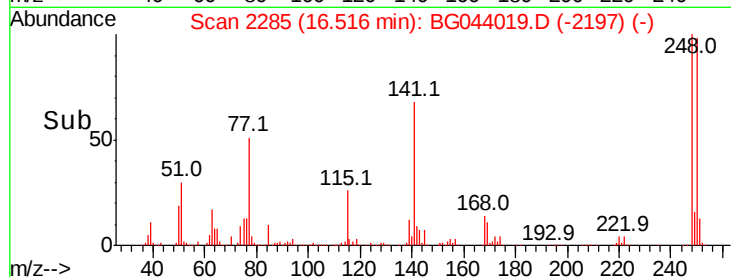
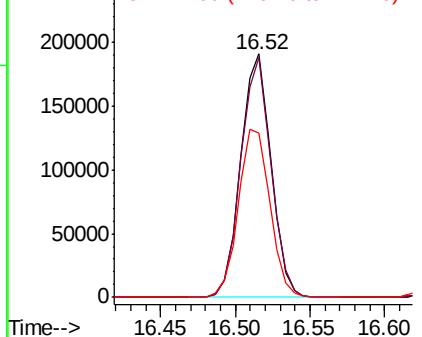
#67
 4-Bromophenyl-phenylether
 Concen: 33.865 ng
 RT: 16.52 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 269035
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.2 117.2
 141 67.6 59.3 88.9

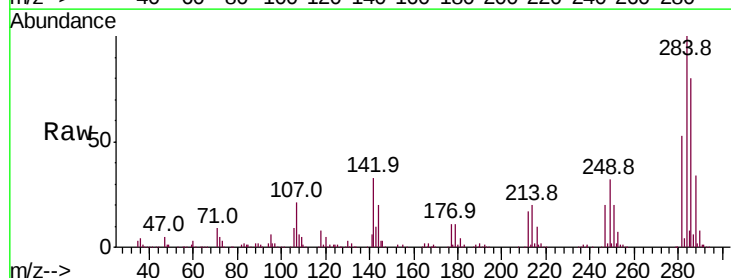


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

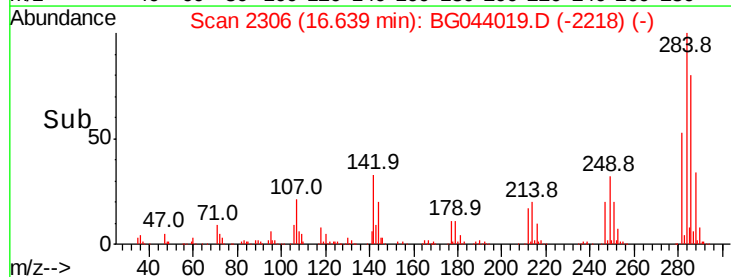
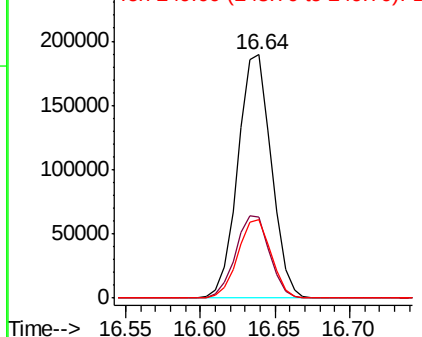


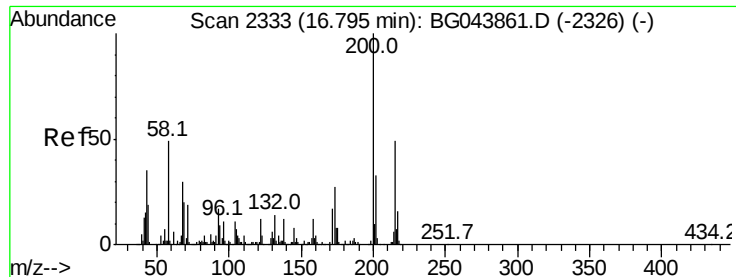
#68
 Hexachlorobenzene
 Concen: 34.333 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion:284 Resp: 293900
 Ion Ratio Lower Upper
 284 100
 142 33.5 28.6 43.0
 249 32.5 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: 43.551 ng

RT: 16.79 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

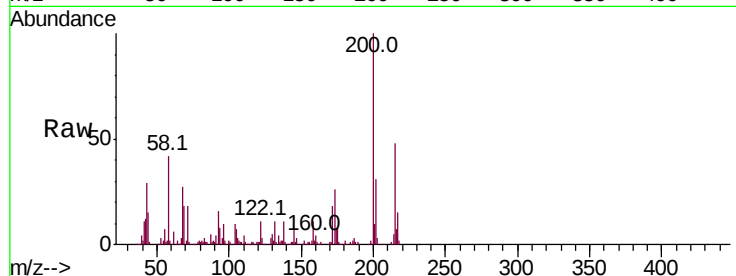
Tot Ion:200 Resp: 294466

Ion Ratio Lower Upper

200 100

173 25.6 6.6 46.6

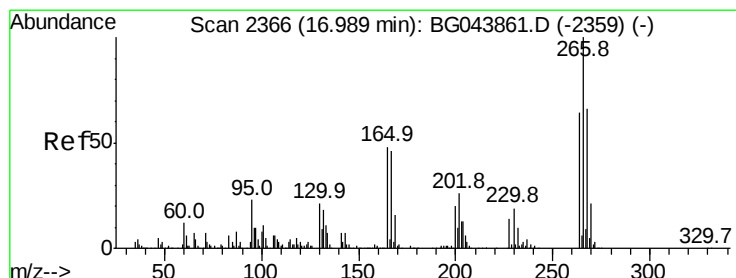
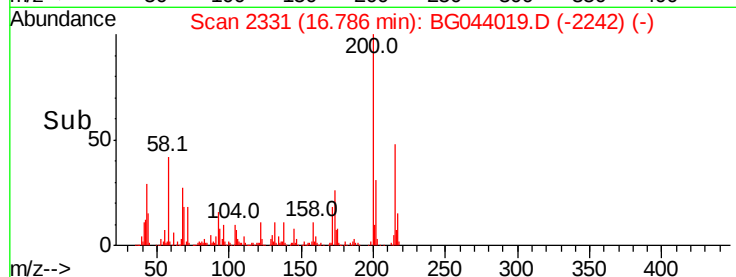
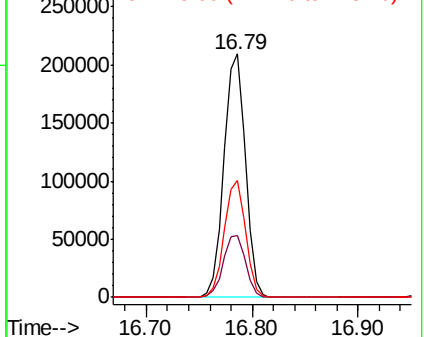
215 48.1 28.6 68.6



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: 77.662 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

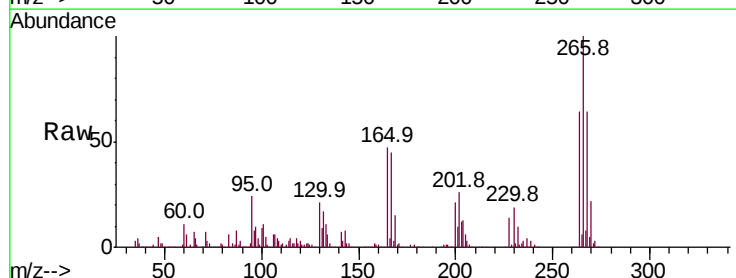
Tgt Ion:266 Resp: 366473

Ion Ratio Lower Upper

266 100

268 64.0 52.6 79.0

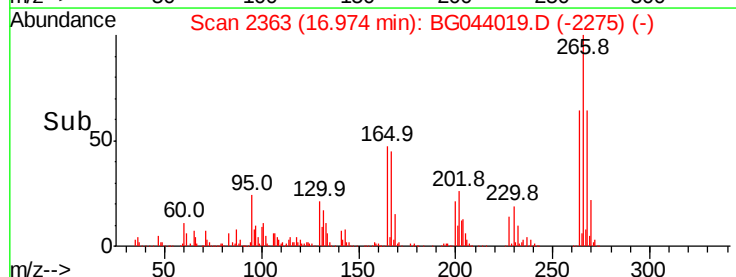
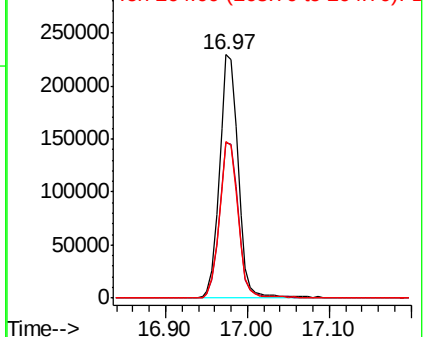
264 64.1 50.8 76.2

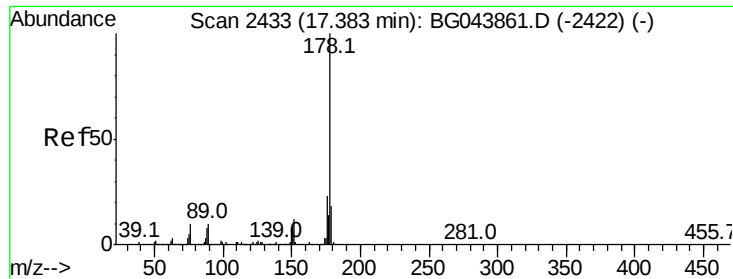


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

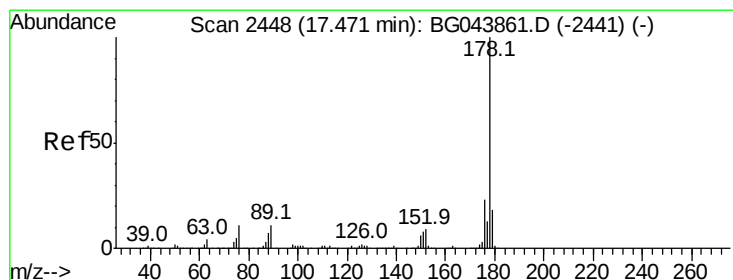
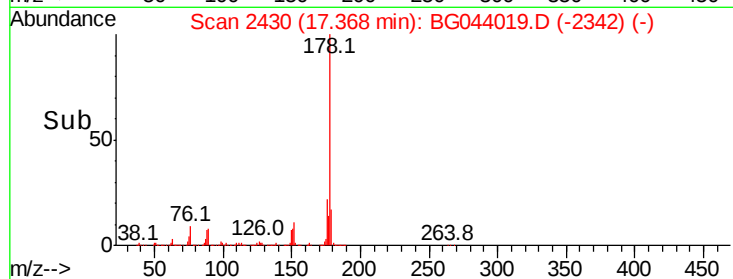
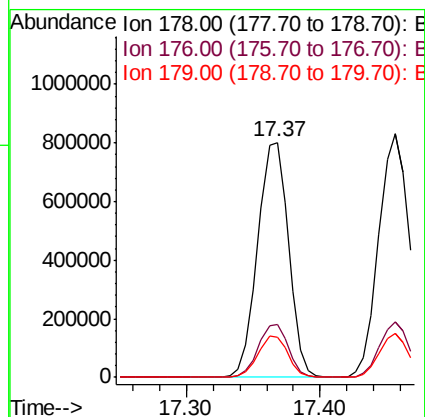
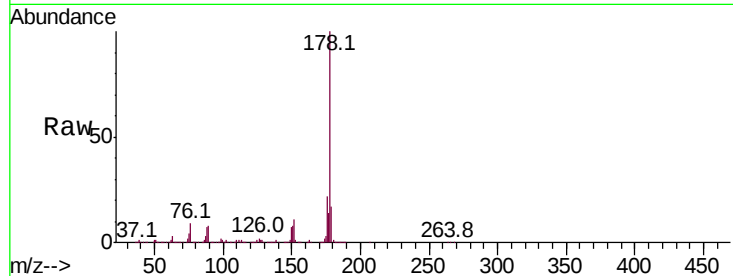




#71
Phenanthrene
Concen: 37.846 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

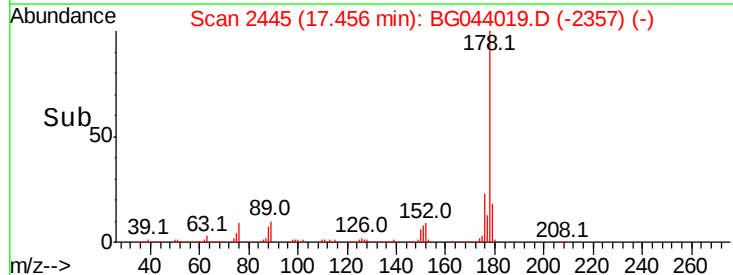
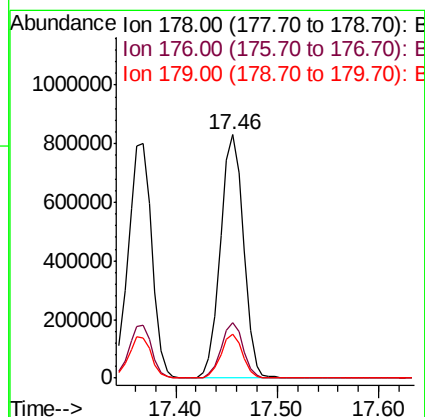
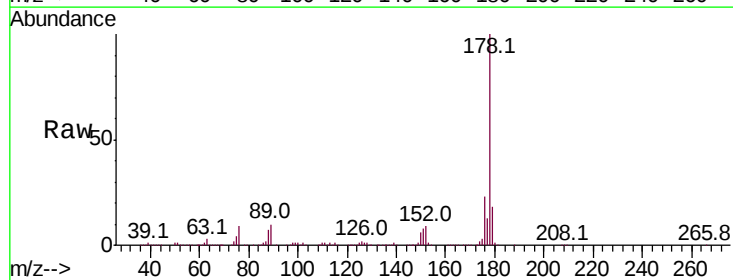
Instrument :
BNA_G
ClientSampleId :

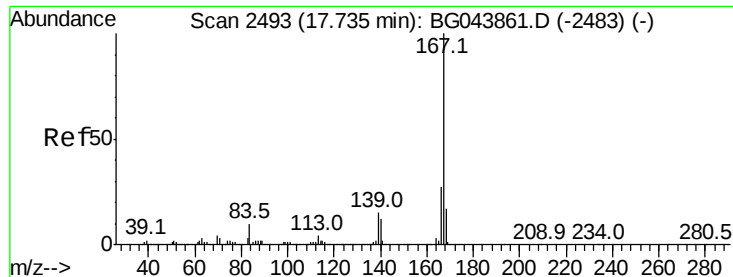
Tot Ion:178 Resp: 1282228
Ion Ratio Lower Upper
178 100
176 22.5 18.6 28.0
179 17.1 14.4 21.6



#72
Anthracene
Concen: 39.227 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044019.D
Acq: 13 Jan 2020 19:40

Tgt Ion:178 Resp: 1313439
Ion Ratio Lower Upper
178 100
176 22.5 18.3 27.5
179 17.8 14.6 22.0

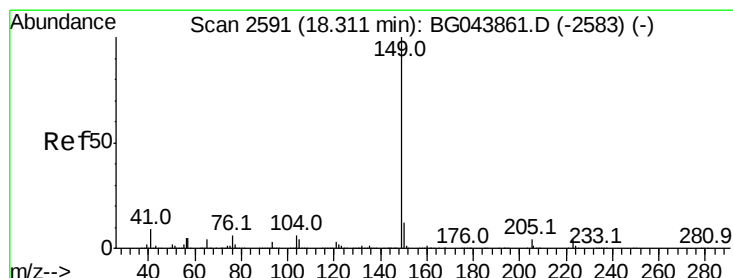
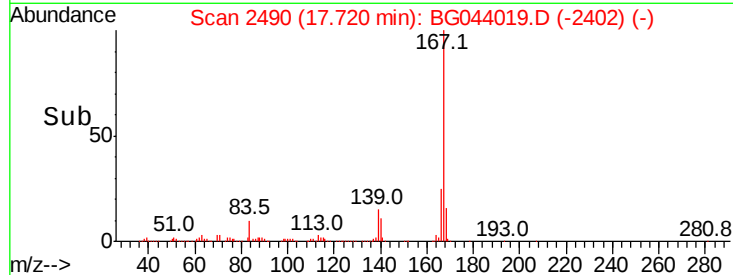
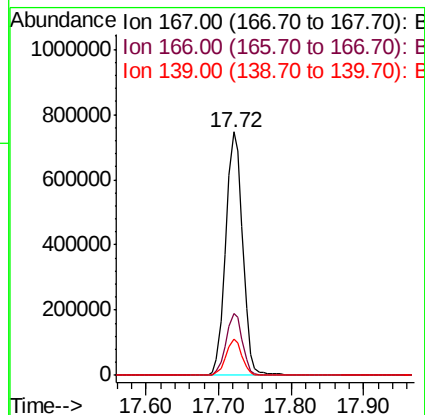
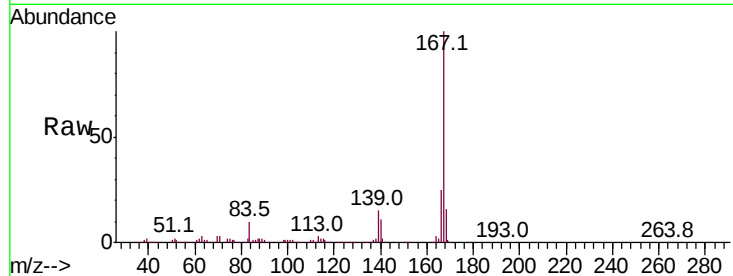




#73
 Carbazole
 Concen: 39.426 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

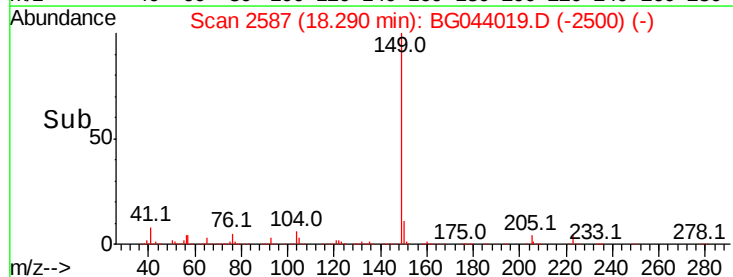
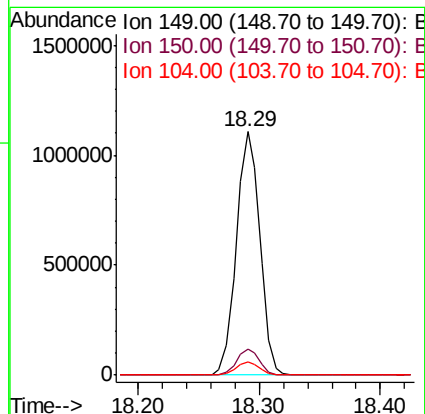
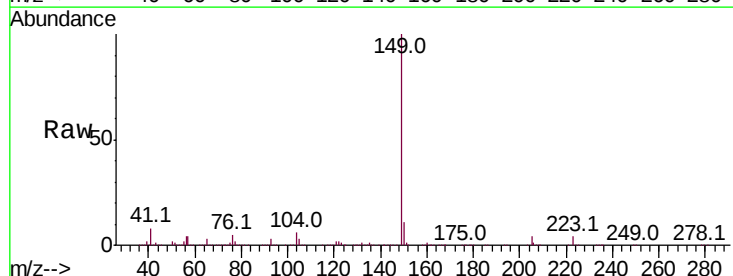
Instrument :
 BNA_G
 ClientSampleId :

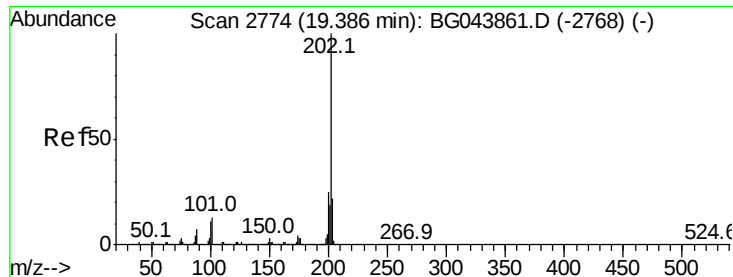
Tot Ion:167 Resp: 1219401
 Ion Ratio Lower Upper
 167 100
 166 25.4 21.6 32.4
 139 14.7 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 38.034 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044019.D
 Acq: 13 Jan 2020 19:40

Tgt Ion:149 Resp: 1501929
 Ion Ratio Lower Upper
 149 100
 150 10.9 9.7 14.5
 104 5.6 5.0 7.4





#75

Fluoranthene

Concen: 38.952 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

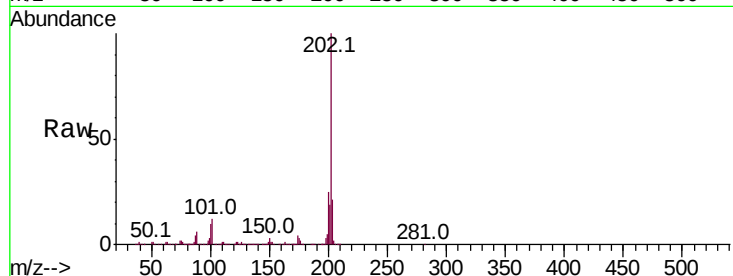
Tot Ion:202 Resp: 1509252

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.3

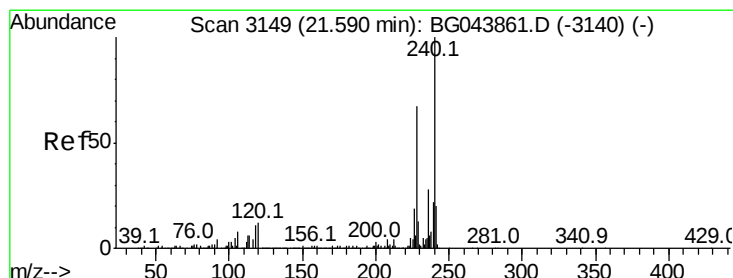
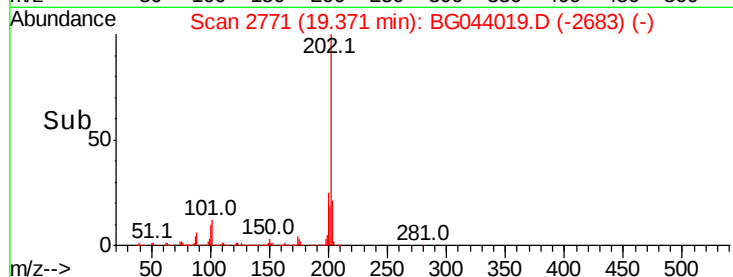
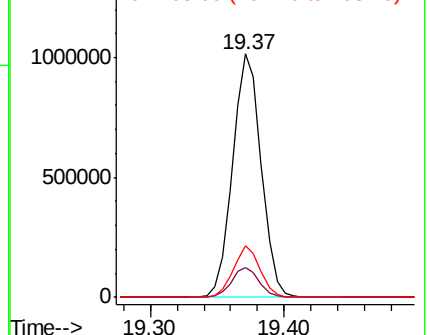
203 21.0 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

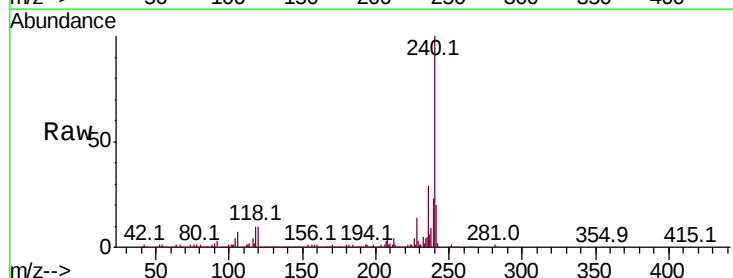
Tgt Ion:240 Resp: 625803

Ion Ratio Lower Upper

240 100

120 10.3 9.6 14.4

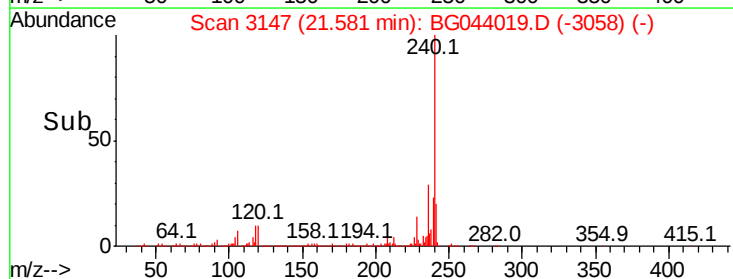
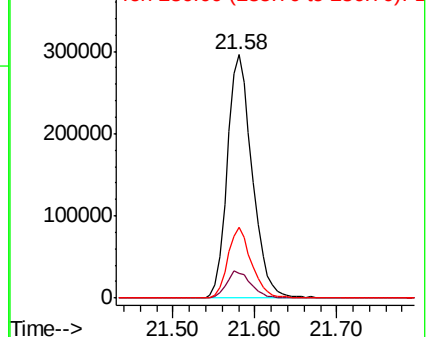
236 29.0 22.2 33.2

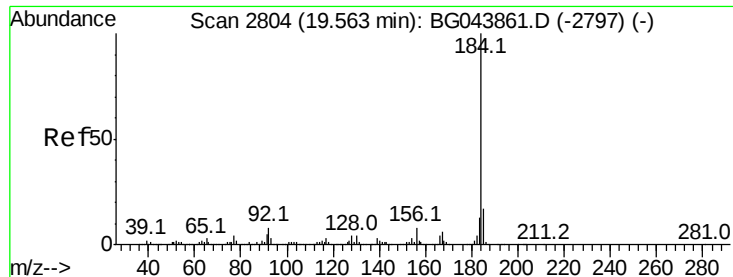


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.133 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

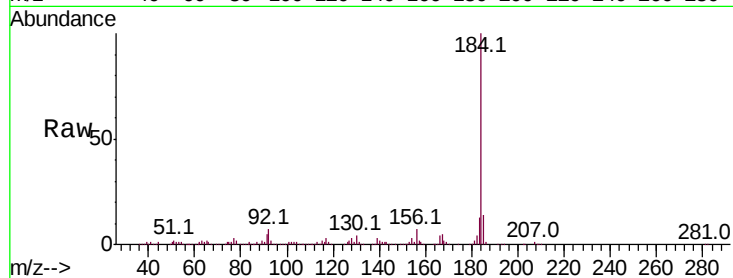
Tot Ion:184 Resp: 458258

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

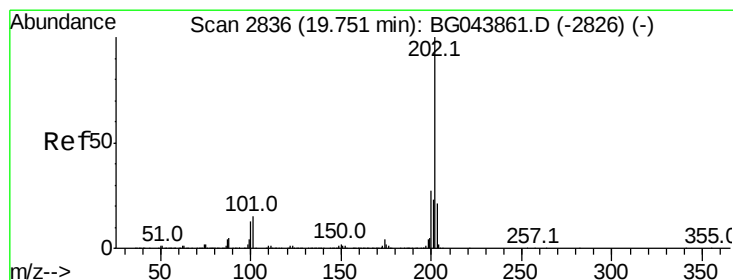
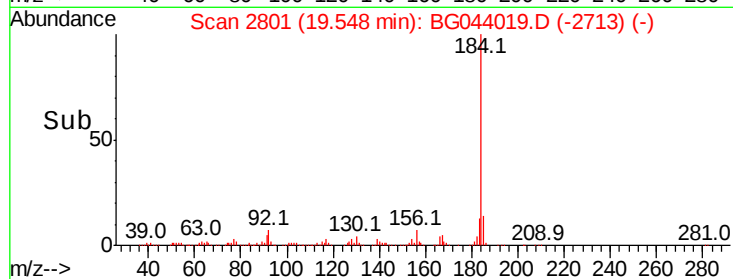
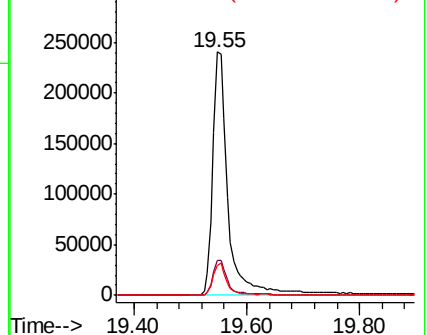
183 12.5 10.6 15.8



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: 36.925 ng

RT: 19.74 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

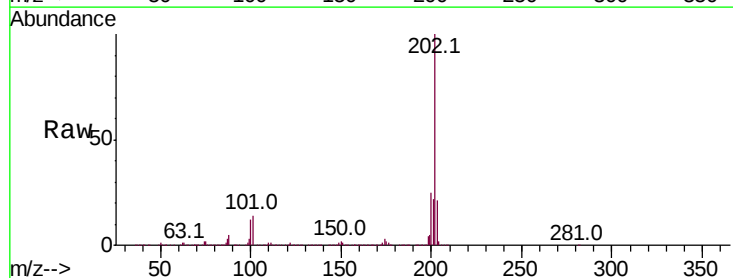
Tgt Ion:202 Resp: 1508334

Ion Ratio Lower Upper

202 100

200 25.0 21.7 32.5

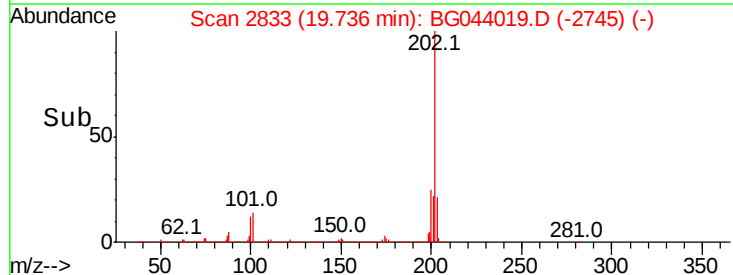
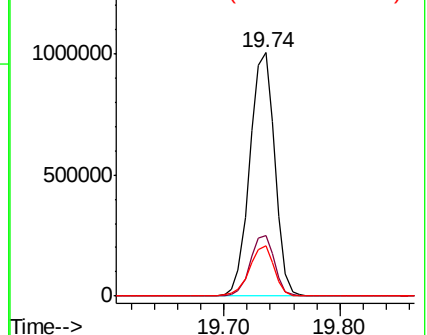
203 20.9 17.0 25.6

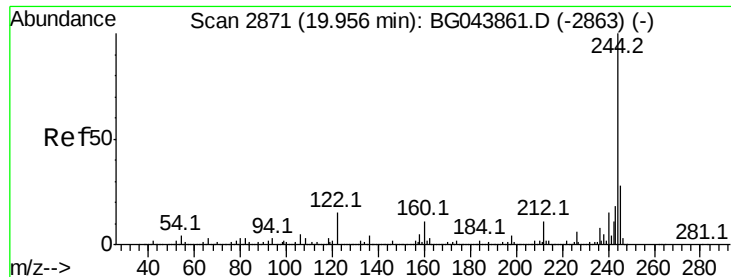


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.220 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

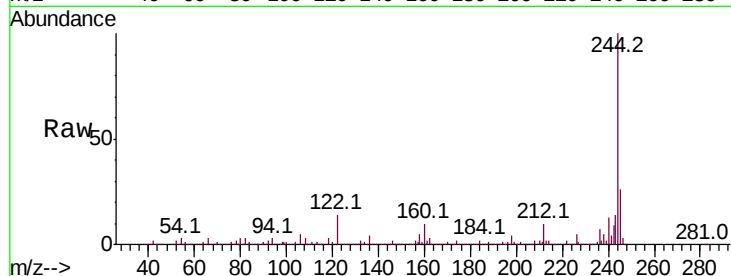
Tot Ion:244 Resp: 2014705

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.6	13.0
122	14.3	11.9	17.9

244 100

212 9.8 8.6 13.0

122 14.3 11.9 17.9

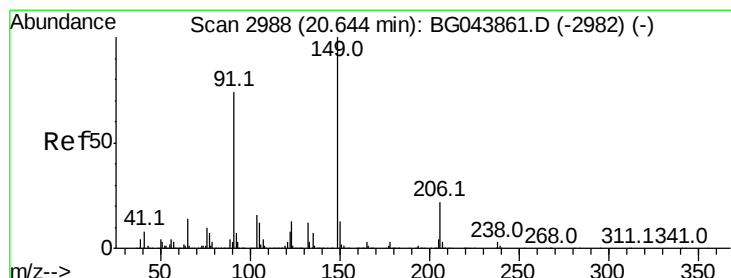
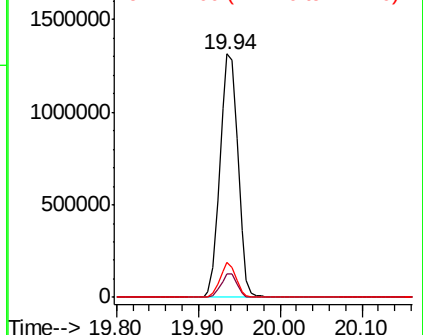
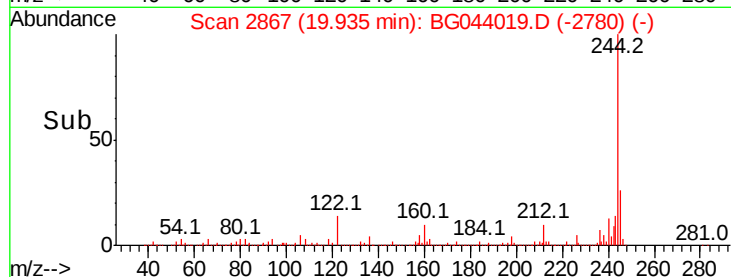


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.039 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

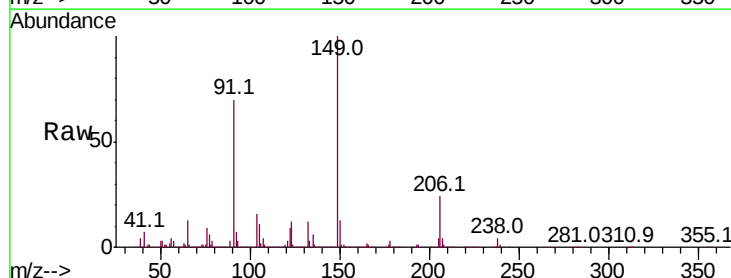
Tgt Ion:149 Resp: 700874

Ion	Ratio	Lower	Upper
149	100		
91	70.5	59.5	89.3
206	23.9	17.8	26.6

149 100

91 70.5 59.5 89.3

206 23.9 17.8 26.6

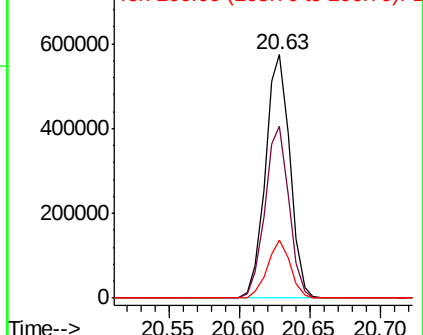
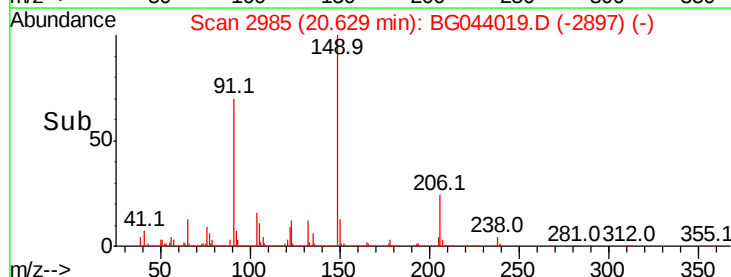


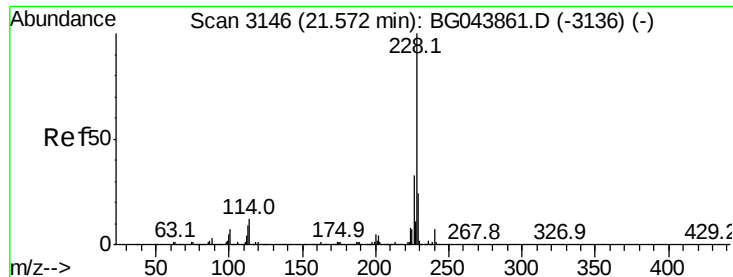
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.071 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

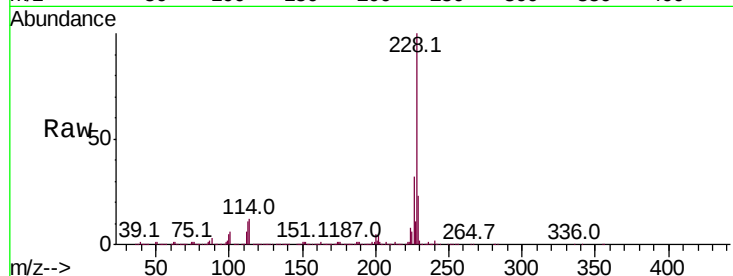
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1438495

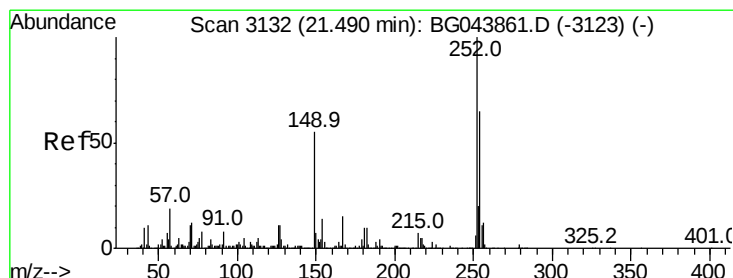
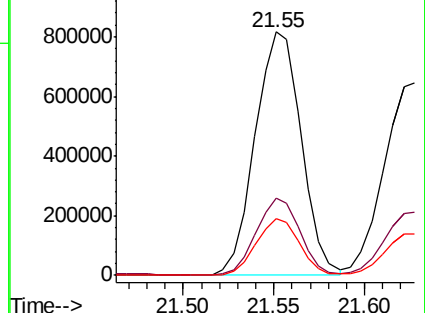
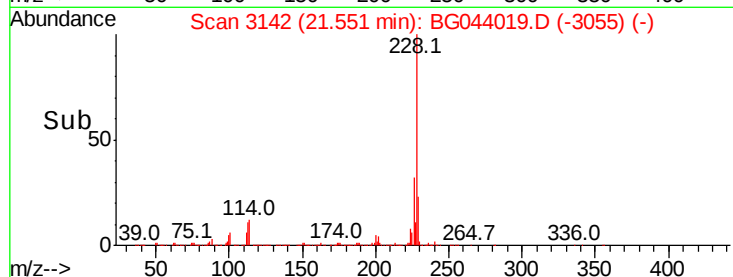
Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.2	39.4
229	23.2	18.9	28.3



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: 30.878 ng

RT: 21.47 min Scan# 3128

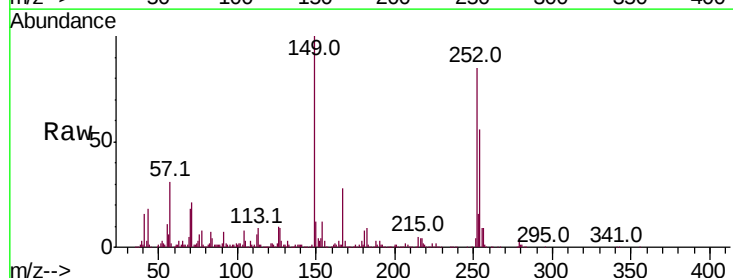
Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:252 Resp: 473374

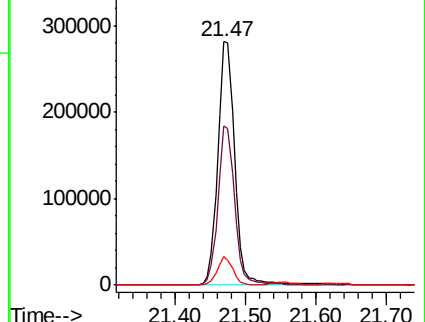
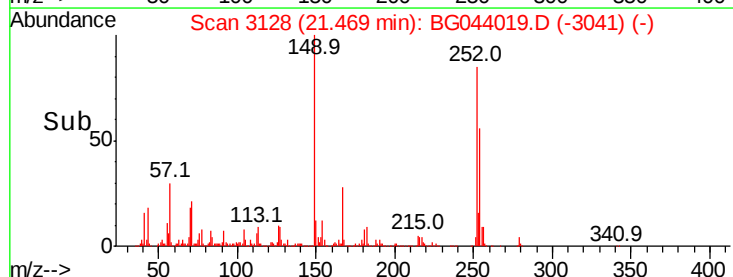
Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	11.5	9.1	13.7

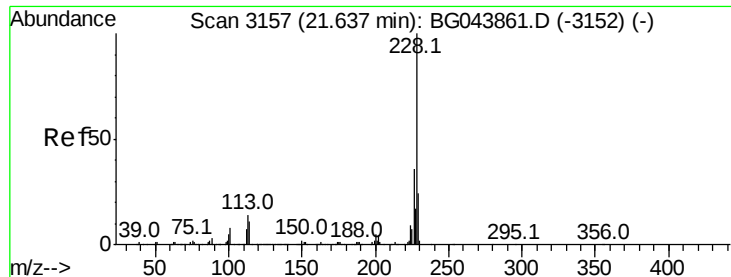


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.042 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

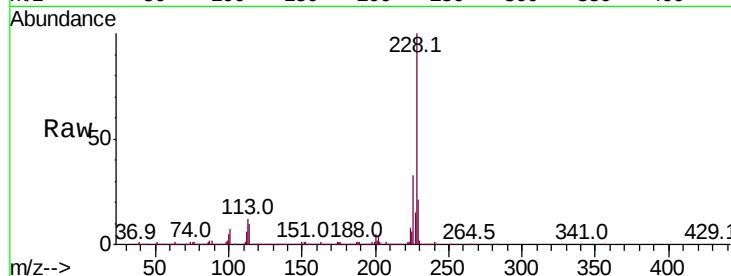
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1439556

Ion	Ratio	Lower	Upper
228	100		
226	33.0	28.8	43.2
229	21.3	19.0	28.6

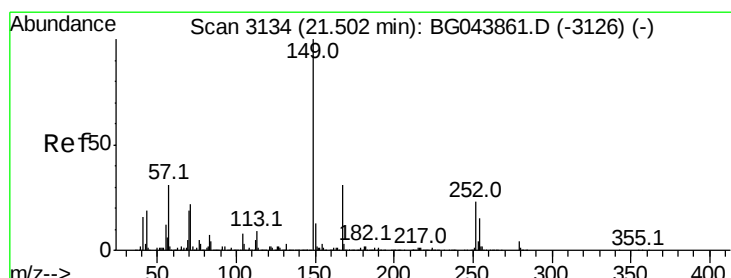
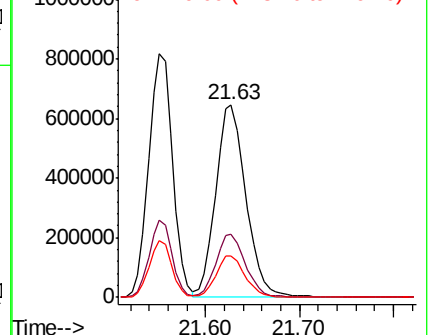
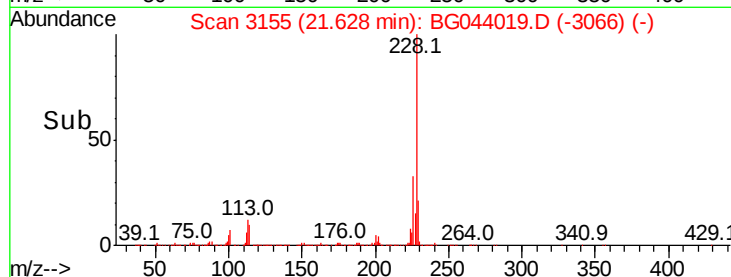


Abundance

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: 36.911 ng

RT: 21.48 min Scan# 3130

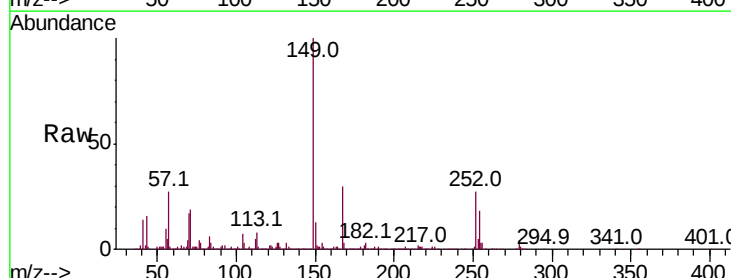
Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:149 Resp: 990469

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.7	37.1
279	4.4	3.3	4.9

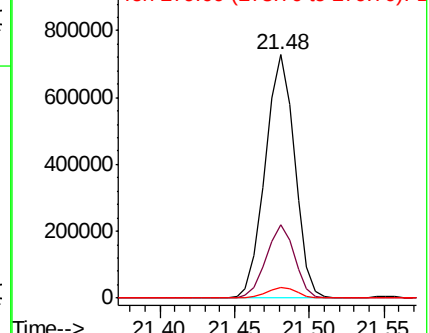
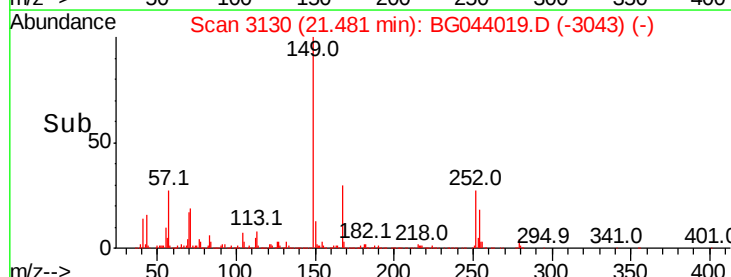


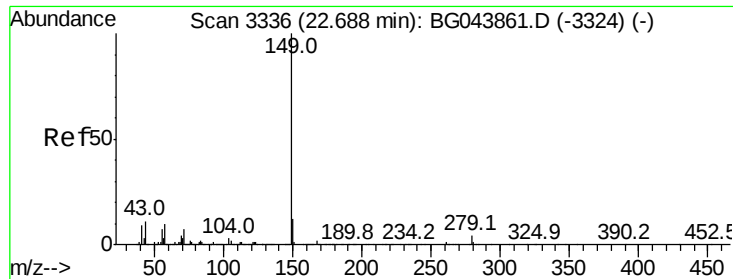
Abundance

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: 38.397 ng

RT: 22.67 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

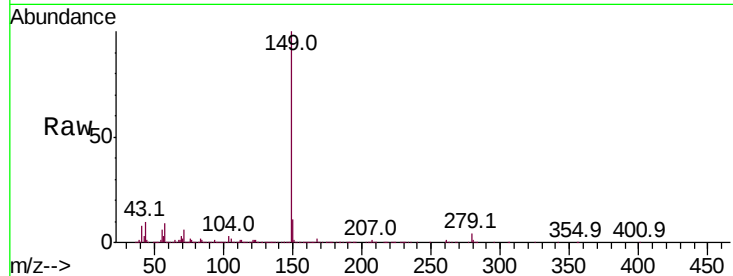
Tot Ion:149 Resp: 1732164

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

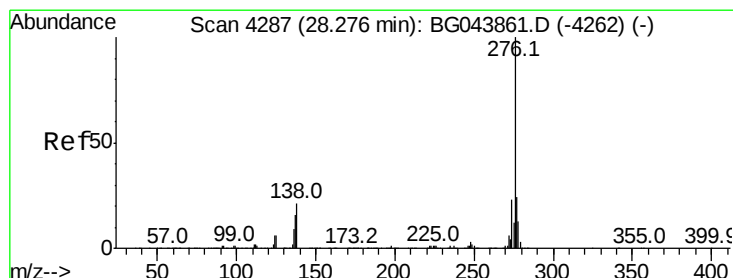
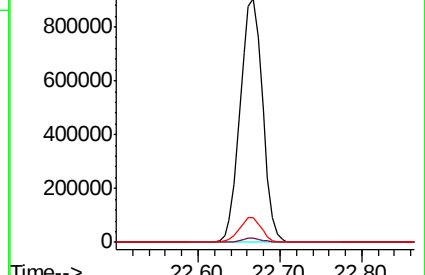
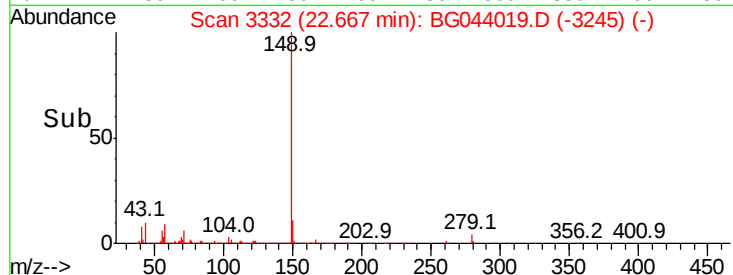
43 9.9 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.215 ng

RT: 28.28 min Scan# 4287

Delta R.T. 0.00 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

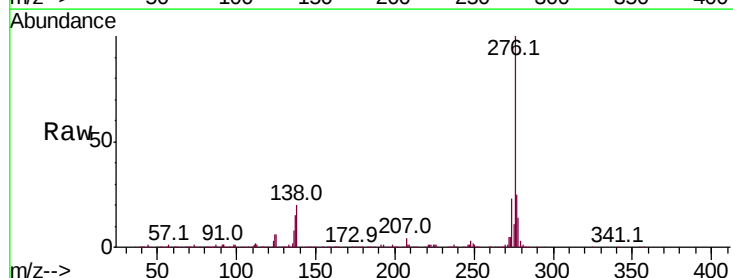
Tgt Ion:276 Resp: 1764559

Ion Ratio Lower Upper

276 100

138 8.8 21.0 31.4#

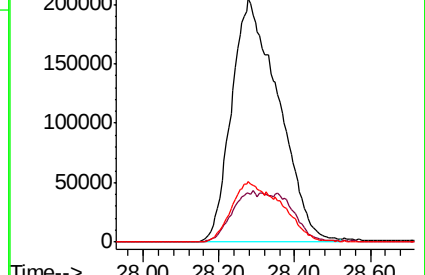
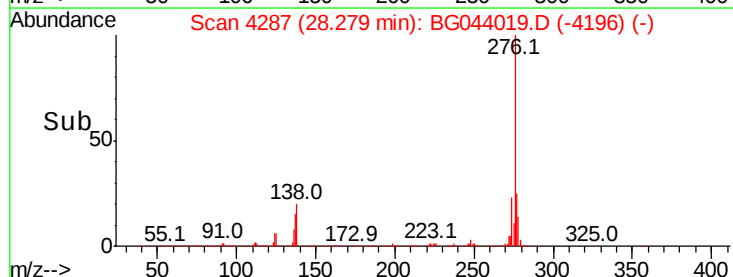
277 26.2 21.1 31.7

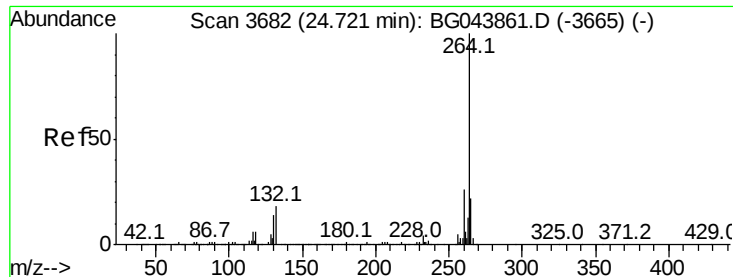


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

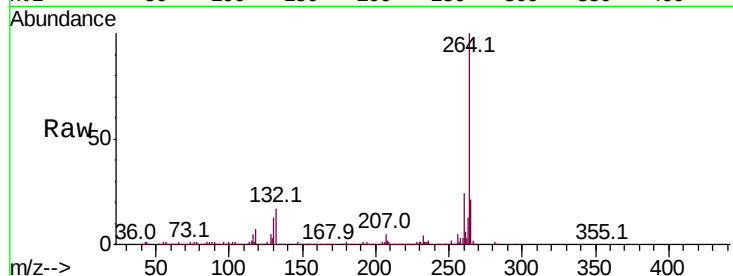
Tot Ion:264 Resp: 583242

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	20.8	17.4	26.2

264 100

260 24.4 20.4 30.6

265 20.8 17.4 26.2

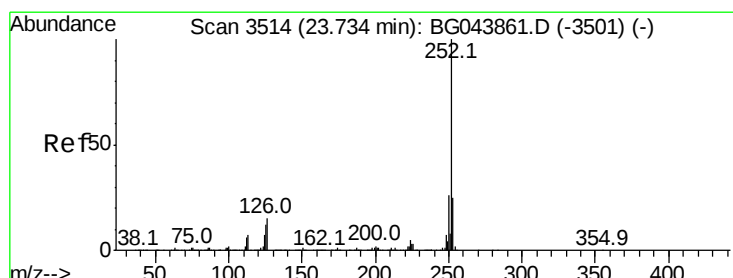
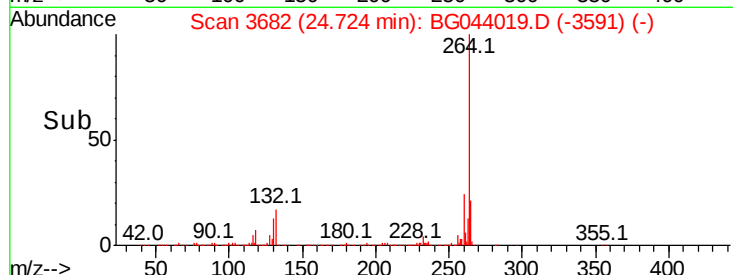
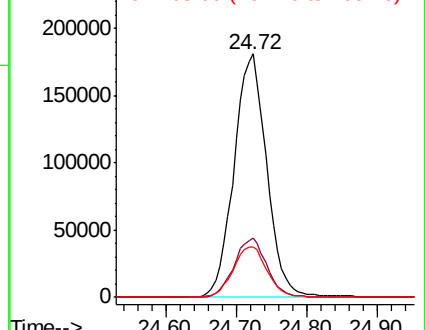


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.636 ng

RT: 23.71 min Scan# 3509

Delta R.T. -0.03 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

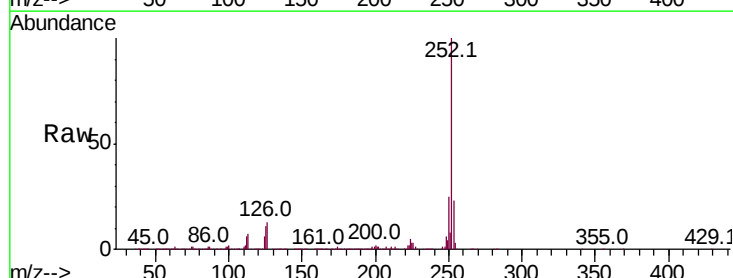
Tgt Ion:252 Resp: 1539029

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.7	29.5
125	11.2	9.4	14.2

252 100

253 23.4 19.7 29.5

125 11.2 9.4 14.2

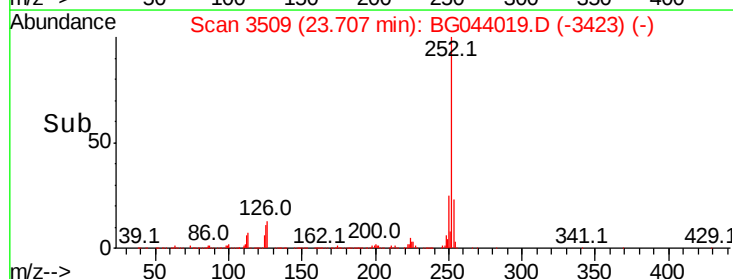
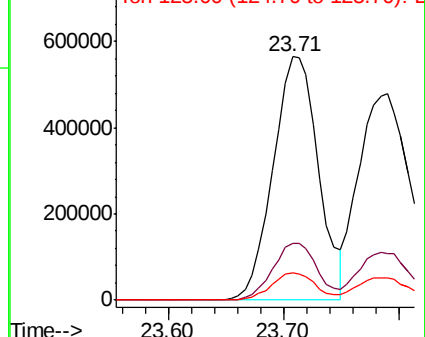


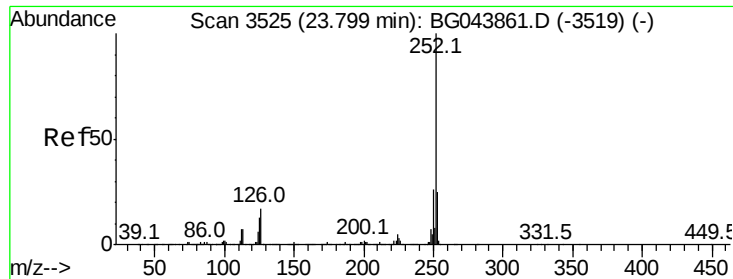
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.434 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

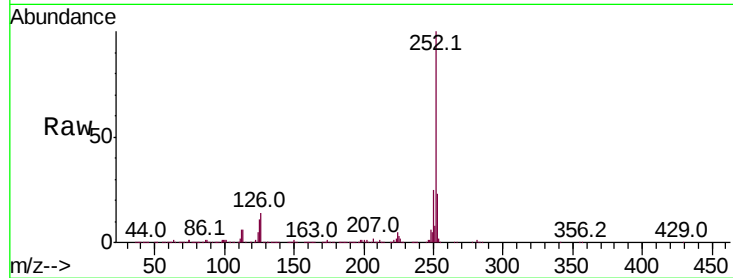
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1489705

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.2
125	10.9	9.9	14.9

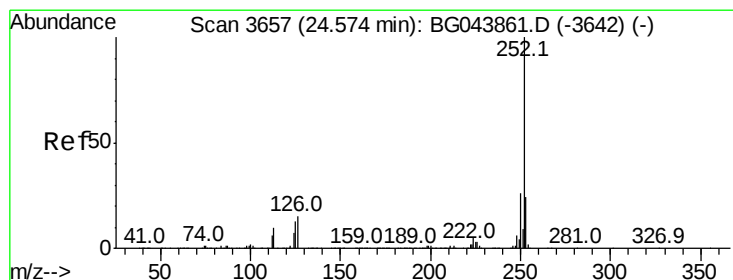
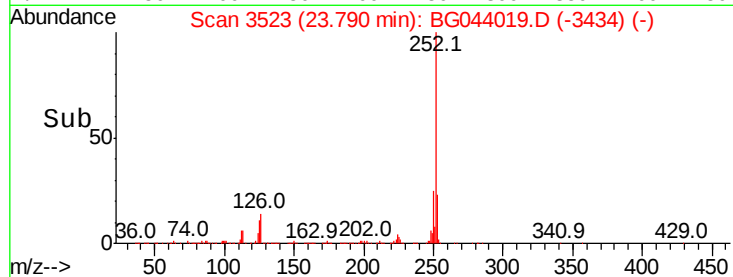
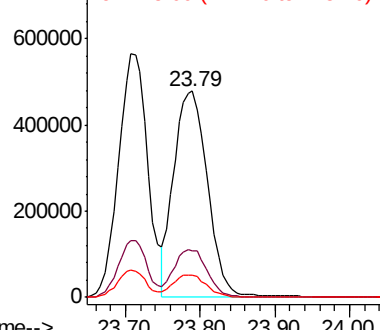


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.065 ng

RT: 24.57 min Scan# 3655

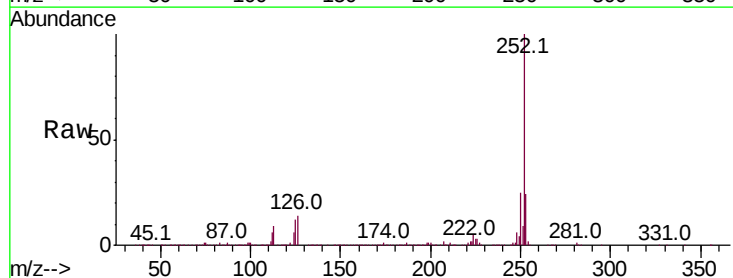
Delta R.T. -0.01 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Tgt Ion:252 Resp: 1401449

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.3	28.9
125	11.9	10.4	15.6

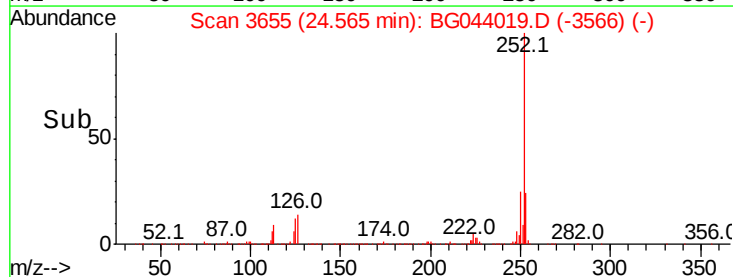
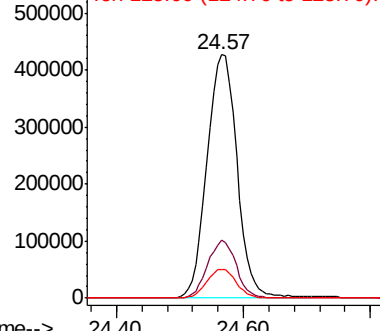


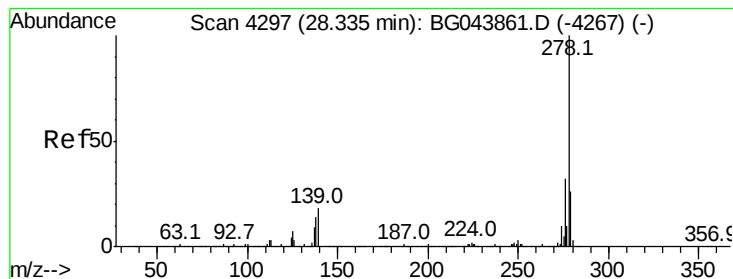
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.177 ng

RT: 28.38 min Scan# 4304

Delta R.T. 0.04 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

Instrument :

BNA_G

ClientSampleId :

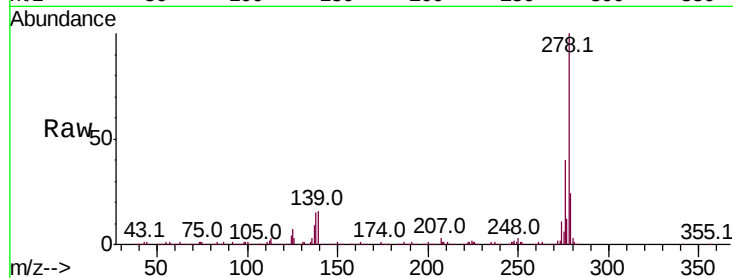
Tot Ion:278 Resp: 1476501

Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.2	21.4
279	24.1	20.6	30.8

278 100

139 15.9 14.2 21.4

279 24.1 20.6 30.8

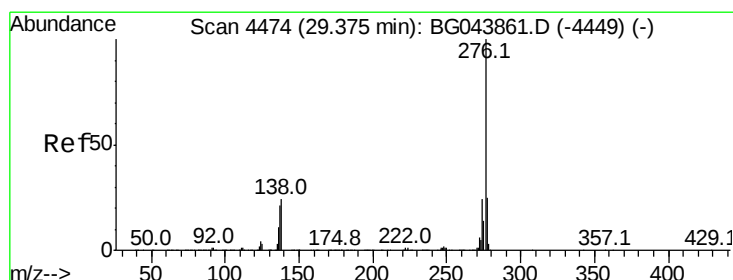
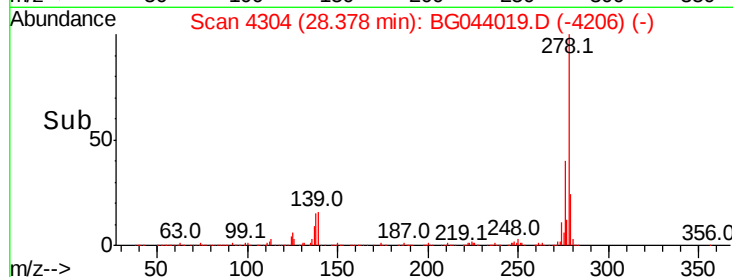
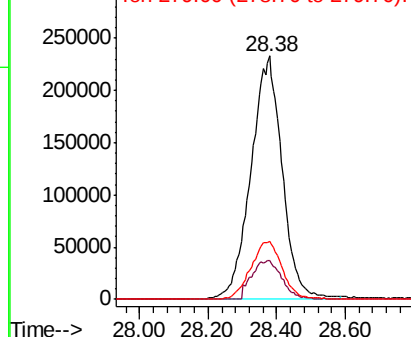


Abundance

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: 46.006 ng

RT: 29.48 min Scan# 4491

Delta R.T. 0.10 min

Lab File: BG044019.D

Acq: 13 Jan 2020 19:40

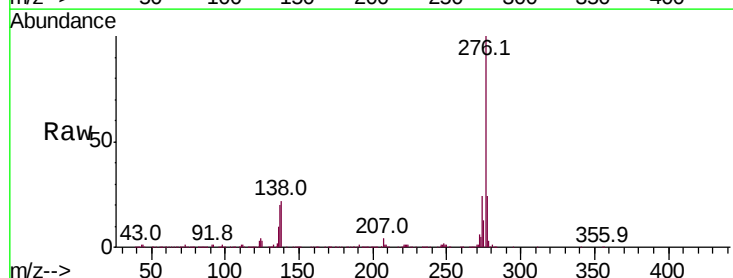
Tgt Ion:276 Resp: 1493537

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.2	30.4
138	22.5	19.0	28.6

276 100

277 24.4 20.2 30.4

138 22.5 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

