

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044690.D
 Acq On : 6 Mar 2020 9:58
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 07 03:29:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	72335	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	295849	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	213933	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	490217	20.00	ng	0.00
76) Chrysene-d12	21.72	240	426137	20.00	ng	0.00
87) Perylene-d12	24.95	264	508093	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	358074	74.34	ng	0.00
7) Phenol-d6	7.21	99	534451	73.41	ng	0.00
23) Nitrobenzene-d5	9.22	82	522418	80.40	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	222304	75.65	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1136882	74.03	ng	0.00
79) Terphenyl-d14	20.06	244	1805934	75.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	81475	35.291	ng	96
3) Pyridine	3.92	79	255585	35.706	ng	96
4) n-Nitrosodimethylamine	3.83	42	108404	35.802	ng	# 93
6) Aniline	7.38	93	335297	36.764	ng	96
8) 2-Chlorophenol	7.62	128	179377	36.746	ng	95
9) Benzaldehyde	7.19	77	162100	35.336	ng	98
10) Phenol	7.24	94	258777	36.083	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	205001	37.202	ng	93
12) 1,3-Dichlorobenzene	7.95	146	220545	37.989	ng	98
13) 1,4-Dichlorobenzene	8.10	146	218636	37.695	ng	95
14) 1,2-Dichlorobenzene	8.42	146	205105	37.410	ng	95
15) Benzyl Alcohol	8.29	79	229825	36.592	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	384299	36.913	ng	99
17) 2-Methylphenol	8.49	107	178628	36.351	ng	97
18) Hexachloroethane	9.16	117	86655	37.250	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	197641	36.339	ng	97
20) 3+4-Methylphenols	8.82	107	253183	36.985	ng	99
22) Acetophenone	8.88	105	319833	37.032	ng	98
24) Nitrobenzene	9.26	77	275141	39.938	ng	96
25) Isophorone	9.79	82	530528	37.024	ng	98
26) 2-Nitrophenol	9.97	139	92976	39.999	ng	97
27) 2,4-Dimethylphenol	10.03	122	163014	36.261	ng	95
28) bis(2-Chloroethoxy)methane	10.27	93	301975	37.433	ng	95
29) 2,4-Dichlorophenol	10.51	162	194433	38.011	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	225011	37.869	ng	98
31) Naphthalene	10.93	128	628552	37.858	ng	99
32) Benzoic acid	10.16	122	124688	37.743	ng	94
33) 4-Chloroaniline	11.02	127	282633	36.960	ng	98
34) Hexachlorobutadiene	11.23	225	150511	37.076	ng	97
35) Caprolactam	11.78	113	78785	36.897	ng	# 90
36) 4-Chloro-3-methylphenol	12.14	107	243323	37.562	ng	97
37) 2-Methylnaphthalene	12.52	142	472308	37.697	ng	98
38) 1-Methylnaphthalene	12.75	142	446068	37.661	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	256955	36.999	ng	97

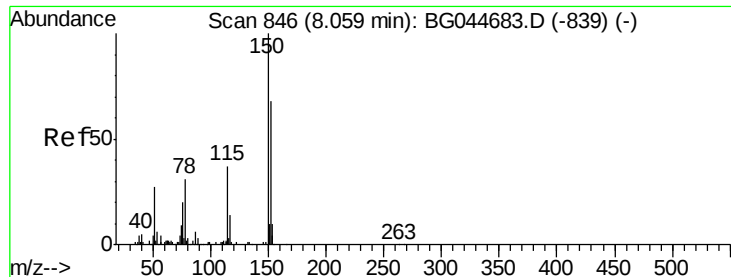
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044690.D
 Acq On : 6 Mar 2020 9:58
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
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Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 07 03:29:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	149156	36.728	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	175618	36.476	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	184283	37.322	ng	92
46) 1,1'-Biphenyl	13.53	154	627531	36.880	ng	98
47) 2-Chloronaphthalene	13.57	162	483791	37.274	ng	97
48) 2-Nitroaniline	13.76	65	182838	39.924	ng	99
49) Acenaphthylene	14.42	152	783433	37.676	ng	98
50) Dimethylphthalate	14.15	163	662381	37.243	ng	99
51) 2,6-Dinitrotoluene	14.26	165	135395	42.366	ng	96
52) Acenaphthene	14.76	154	502265	37.356	ng	98
53) 3-Nitroaniline	14.58	138	157020	42.634	ng	96
54) 2,4-Dinitrophenol	14.79	184	59066	38.468	ng	93
55) Dibenzofuran	15.10	168	755331	37.491	ng	99
56) 4-Nitrophenol	14.88	139	115783	40.404	ng	96
57) 2,4-Dinitrotoluene	15.04	165	179635	40.336	ng	# 99
58) Fluorene	15.74	166	616678	37.008	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	180025	38.308	ng	99
60) Diethylphthalate	15.52	149	709596	37.318	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	331134	36.622	ng	99
62) 4-Nitroaniline	15.75	138	162442	40.044	ng	95
63) Azobenzene	16.03	77	739414	37.158	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	80324	39.004	ng	96
66) n-Nitrosodiphenylamine	15.95	169	546884	36.487	ng	97
67) 4-Bromophenyl-phenylether	16.63	248	228386	36.940	ng	94
68) Hexachlorobenzene	16.75	284	248065	37.159	ng	99
69) Atrazine	16.90	200	222542	38.420	ng	98
70) Pentachlorophenol	17.09	266	147167	38.849	ng	98
71) Phenanthrene	17.48	178	1016989	37.835	ng	98
72) Anthracene	17.58	178	993943	37.543	ng	100
73) Carbazole	17.84	167	973889	38.410	ng	97
74) Di-n-butylphthalate	18.42	149	1212828	37.981	ng	99
75) Fluoranthene	19.49	202	1234941	38.014	ng	100
77) Benzidine	19.66	184	619329	36.408	ng	98
78) Pyrene	19.85	202	1232426	37.917	ng	99
80) Butylbenzylphthalate	20.75	149	545379	37.591	ng	98
81) Benzo(a)anthracene	21.70	228	1194916	37.392	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	476577	37.456	ng	99
83) Chrysene	21.77	228	1134984	37.313	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	765105	37.817	ng	98
85) Di-n-octyl phthalate	22.87	149	1310815	37.728	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1509824	37.584	ng	99
88) Benzo(b)fluoranthene	23.93	252	1294525	37.435	ng	97
89) Benzo(k)fluoranthene	24.00	252	1215227	37.491	ng	99
90) Benzo(a)pyrene	24.80	252	1210333	37.580	ng	98
91) Dibenzo(a,h)anthracene	28.69	278	1198322	37.313	ng	98
92) Benzo(g,h,i)perylene	29.77	276	1209569	37.600	ng	98

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

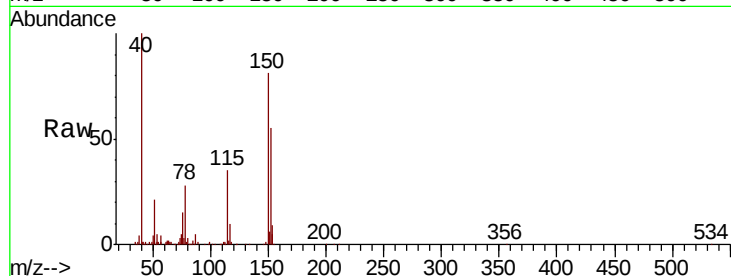


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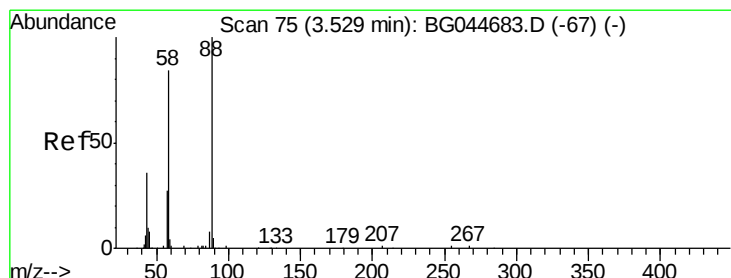
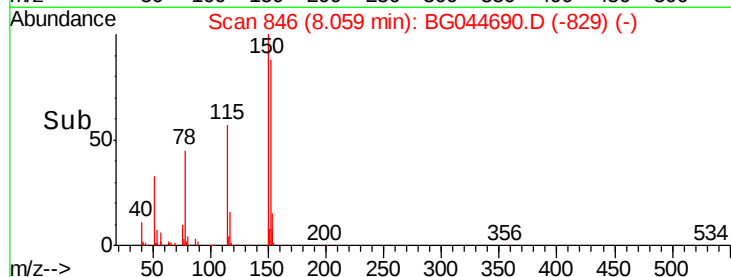
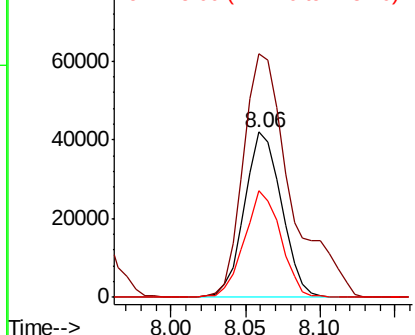
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 72335
Ion Ratio Lower Upper
152 100
150 147.5 118.6 177.8
115 64.8 43.6 65.4



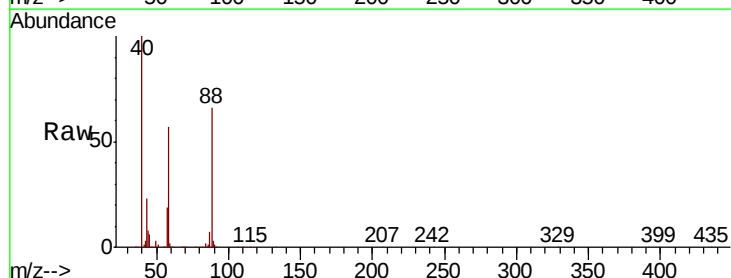
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



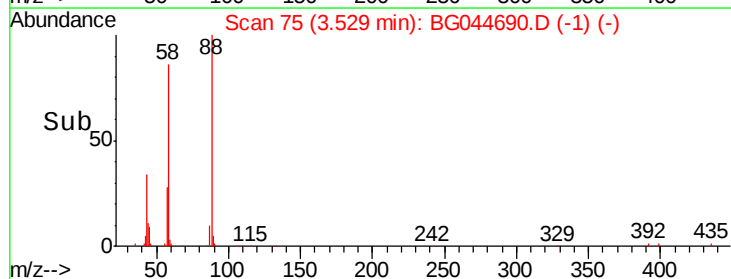
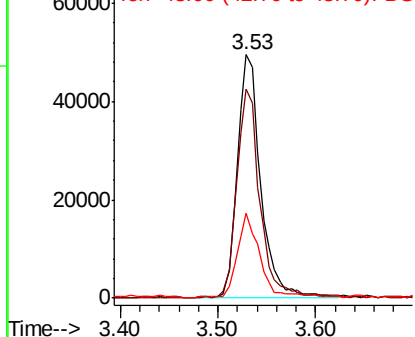
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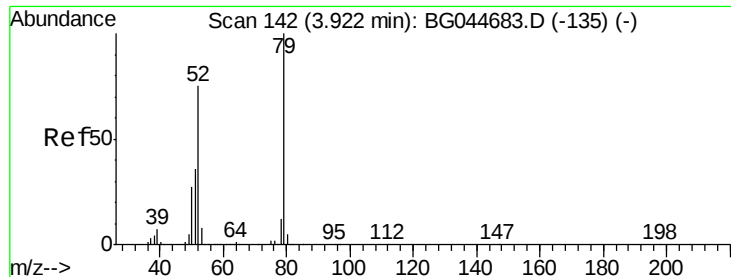
1,4-Dioxane
Concen: 35.291 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion: 88 Resp: 81475
Ion Ratio Lower Upper
88 100
58 87.1 66.6 99.8
43 33.0 27.4 41.2



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: 35.706 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

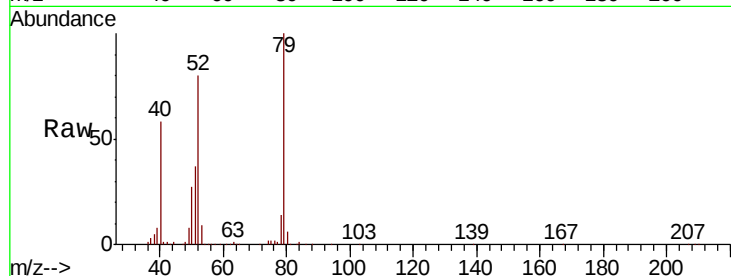
Tot Ion: 79 Resp: 255585

Ion Ratio Lower Upper

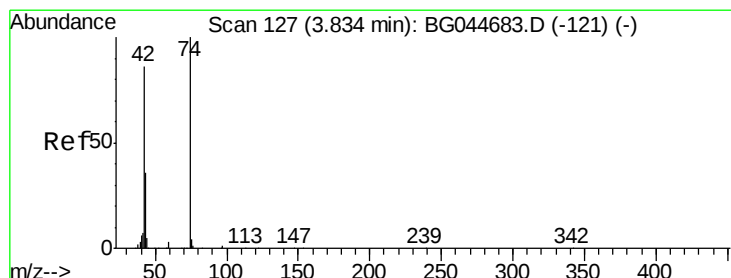
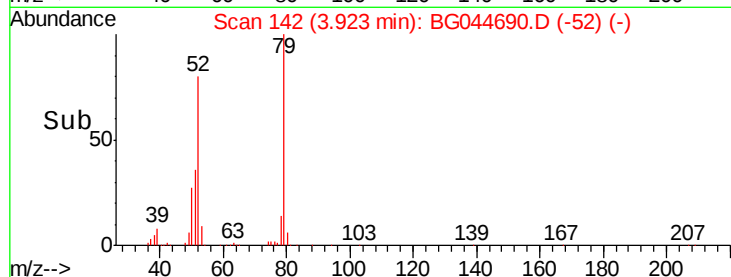
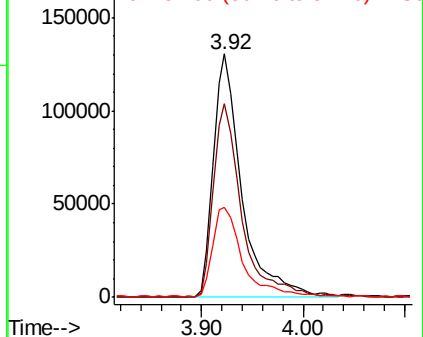
79 100

52 79.5 59.9 89.9

51 36.8 29.3 43.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.802 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

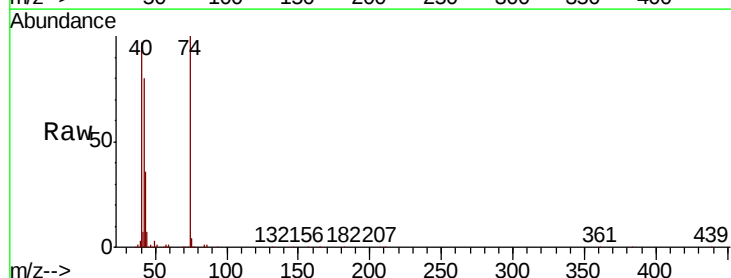
Tgt Ion: 42 Resp: 108404

Ion Ratio Lower Upper

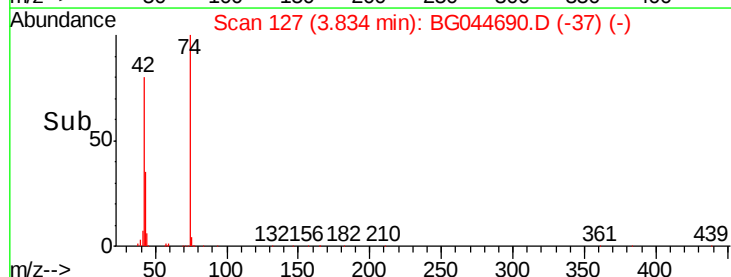
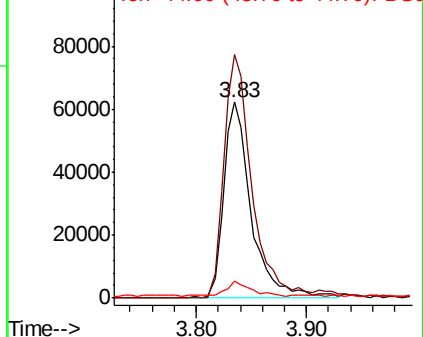
42 100

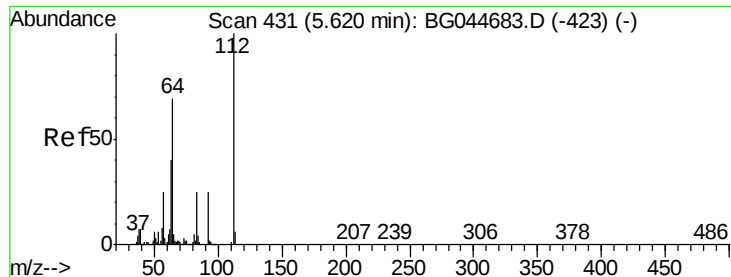
74 124.3 93.4 140.2

44 8.6 8.9 13.3#



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: 74.344 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

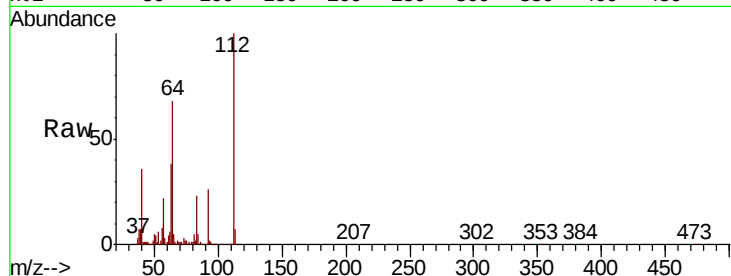
Tot Ion:112 Resp: 358074

Ion Ratio Lower Upper

112 100

64 67.7 55.4 83.0

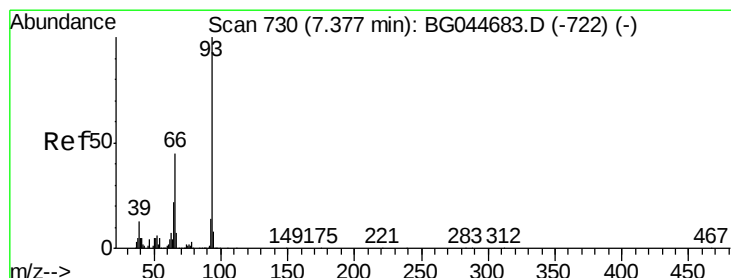
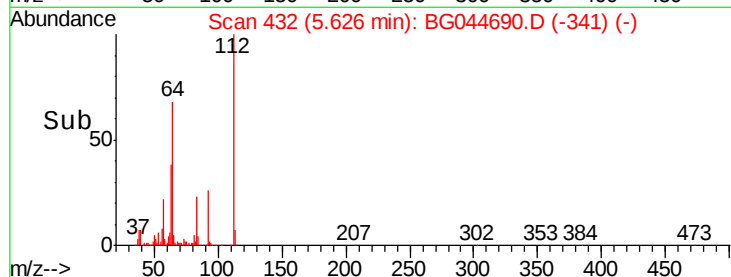
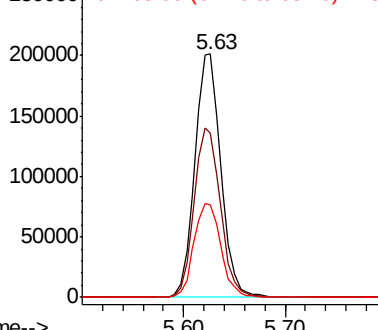
63 38.2 32.1 48.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.764 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

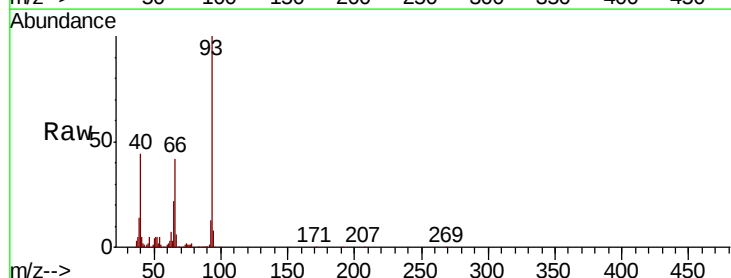
Tgt Ion: 93 Resp: 335297

Ion Ratio Lower Upper

93 100

66 41.6 35.8 53.8

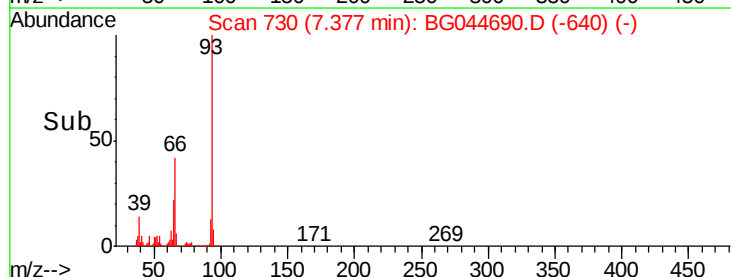
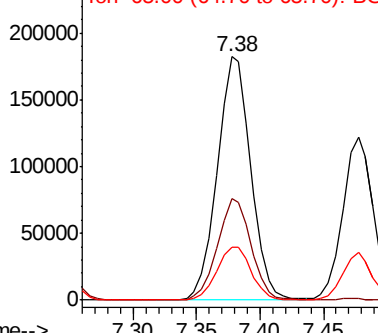
65 21.7 17.9 26.9

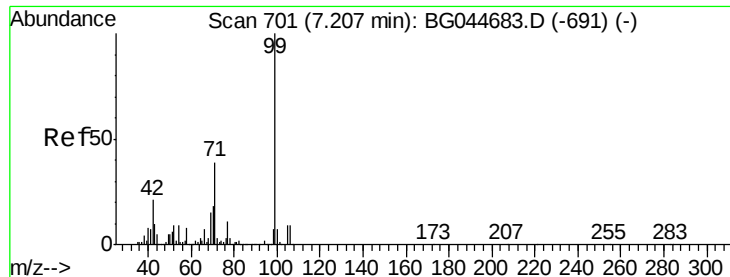


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 73.411 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampled :

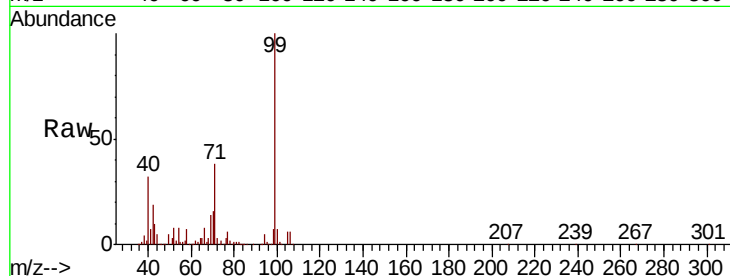
Tot Ion: 99 Resp: 534451

Ion Ratio Lower Upper

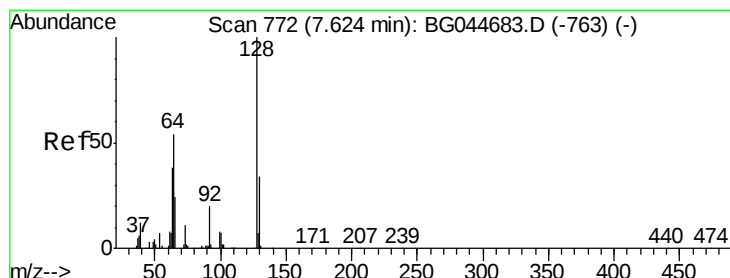
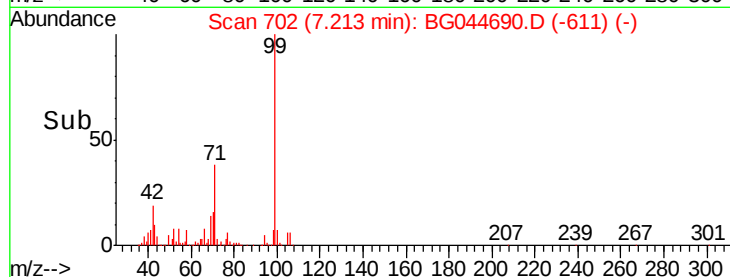
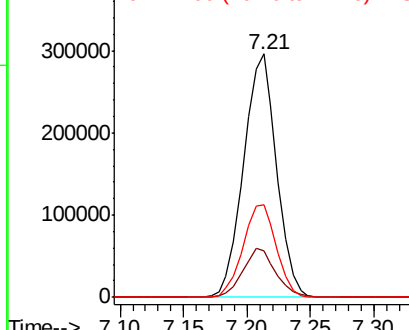
99 100

42 19.1 16.5 24.7

71 38.3 30.9 46.3



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: 36.746 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

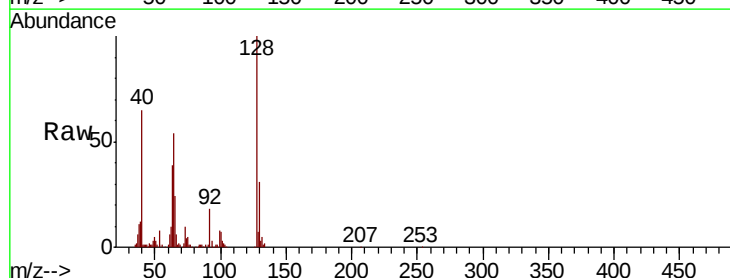
Tgt Ion: 128 Resp: 179377

Ion Ratio Lower Upper

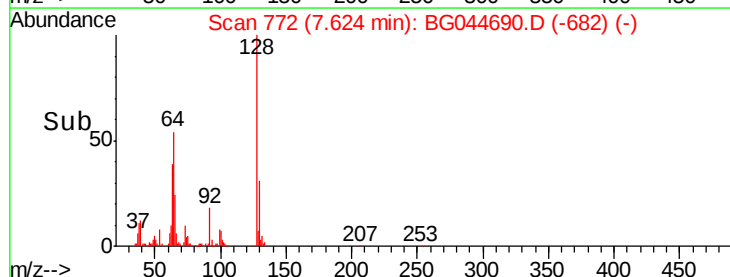
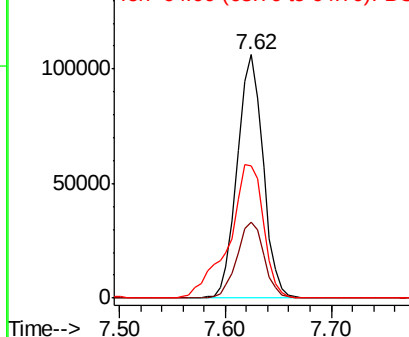
128 100

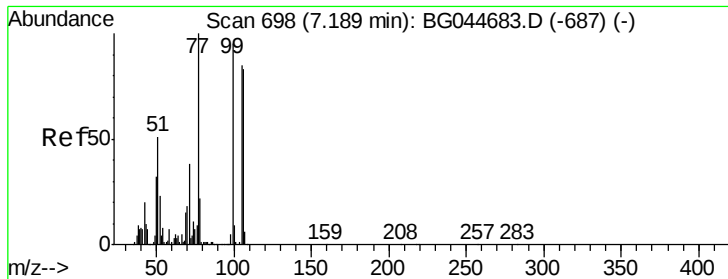
130 31.1 14.0 54.0

64 54.4 37.6 77.6



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: 35.336 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

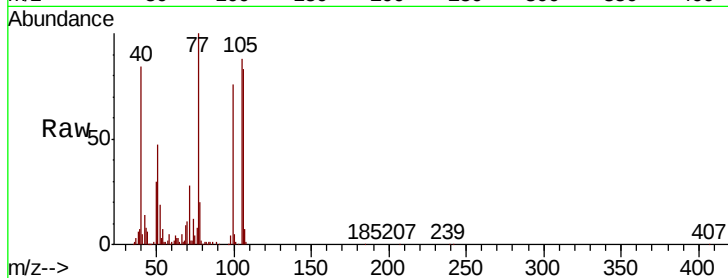
Tot Ion: 77 Resp: 162100

Ion Ratio Lower Upper

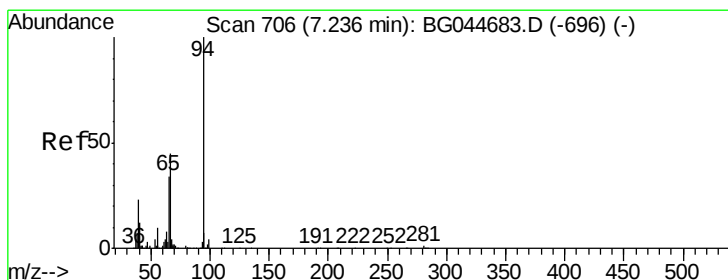
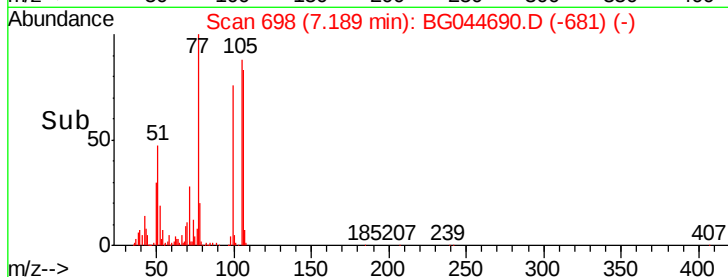
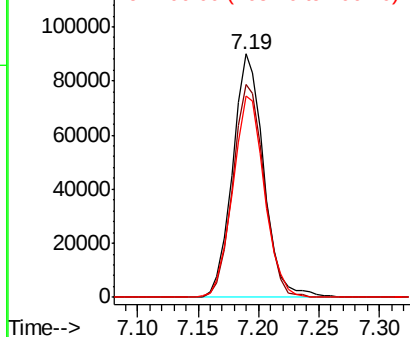
77 100

105 87.7 65.1 105.1

106 82.8 63.1 103.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.083 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

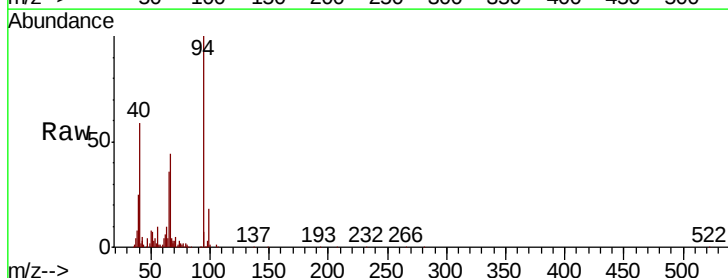
Tgt Ion: 94 Resp: 258777

Ion Ratio Lower Upper

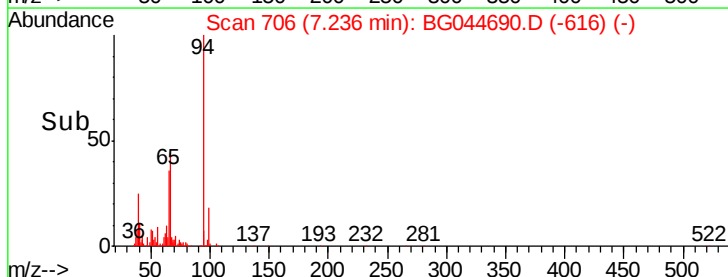
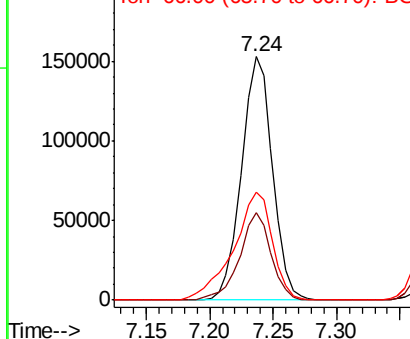
94 100

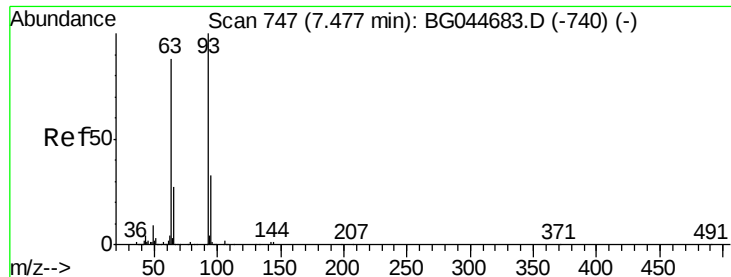
65 35.7 13.5 53.5

66 44.5 25.8 65.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

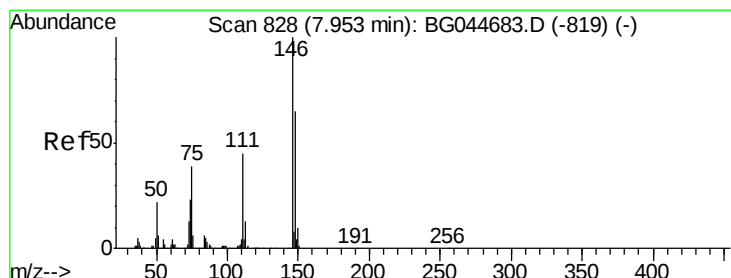
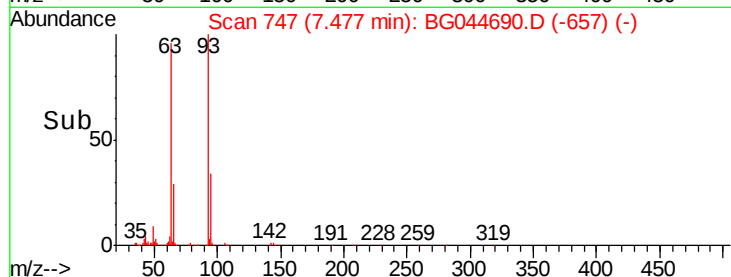
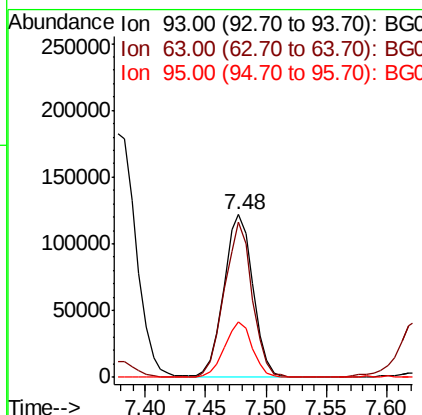
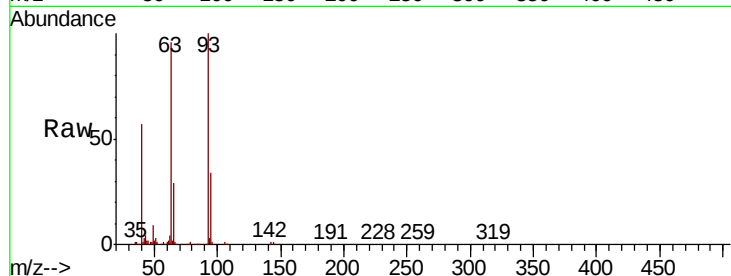




#11
bis(2-Chloroethyl)ether
Concen: 37.202 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

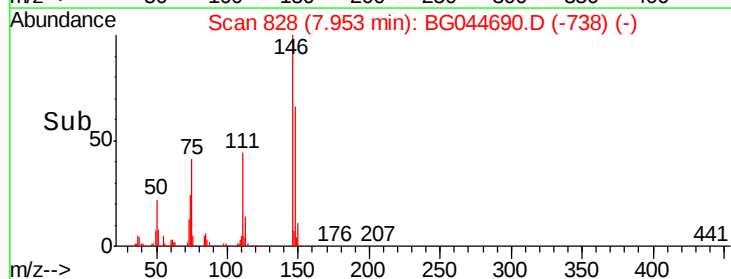
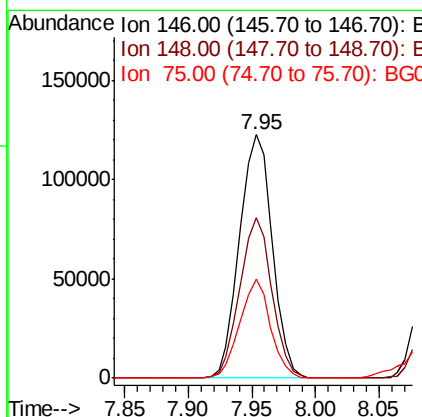
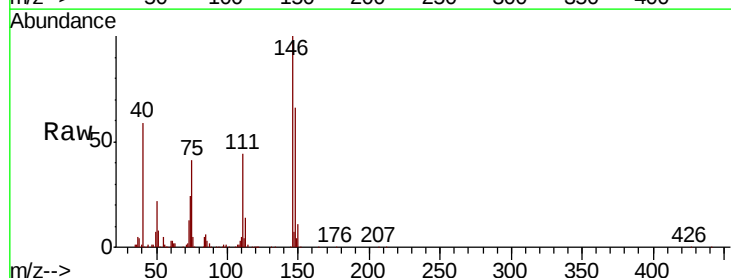
Instrument :
BNA_G
ClientSampleId :

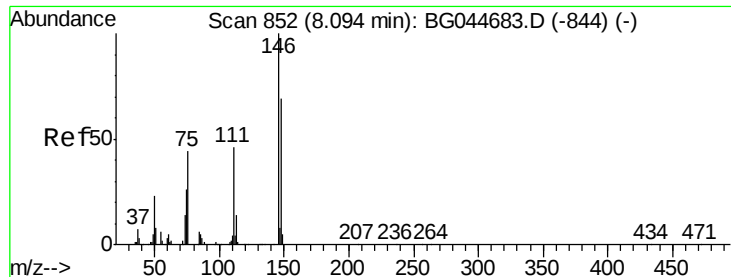
Tot Ion: 93 Resp: 205001
Ion Ratio Lower Upper
93 100
63 95.5 67.8 107.8
95 34.2 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 37.989 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion: 146 Resp: 220545
Ion Ratio Lower Upper
146 100
148 66.0 51.9 77.9
75 40.9 31.0 46.6

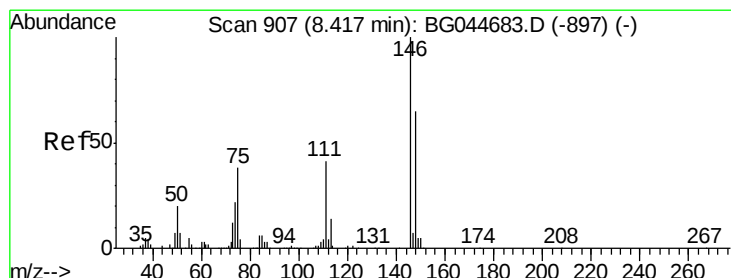
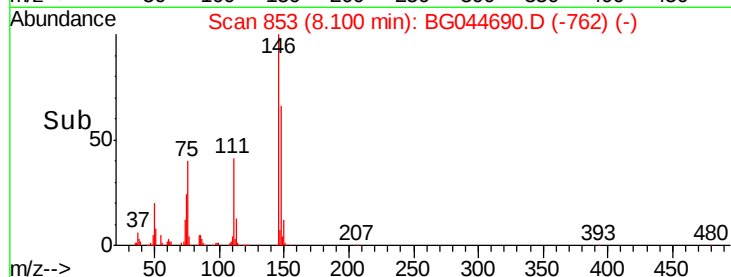
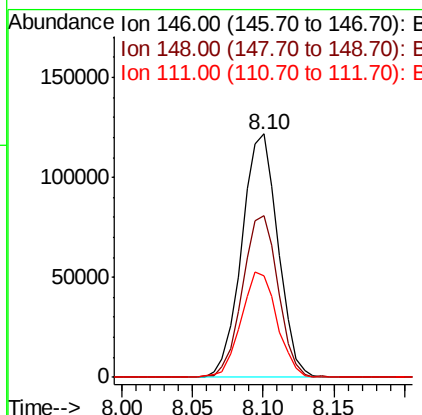
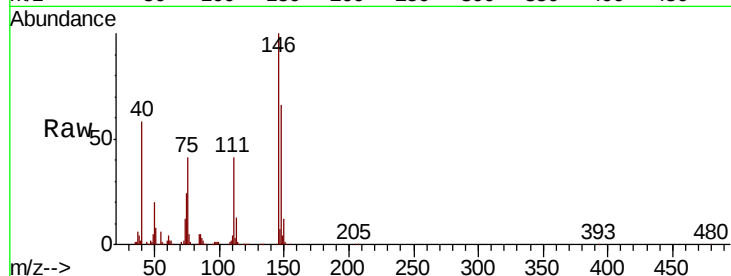




#13
 1,4-Dichlorobenzene
 Concen: 37.695 ng
 RT: 8.10 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

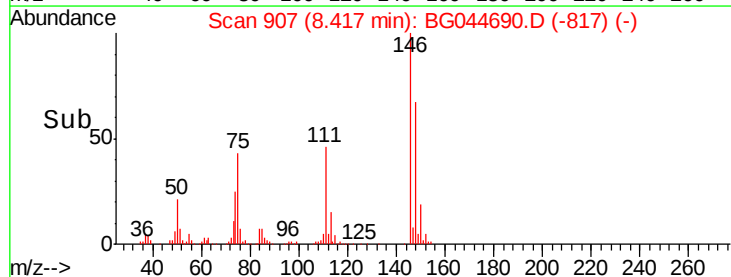
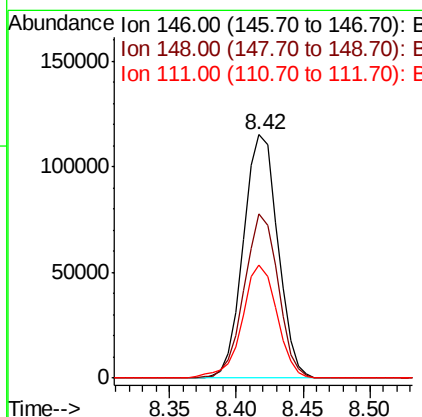
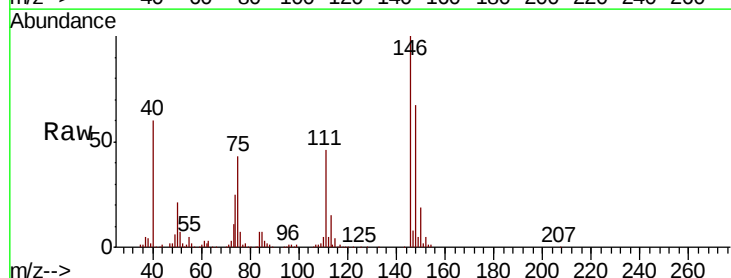
Instrument :
 BNA_G
 ClientSampleId :

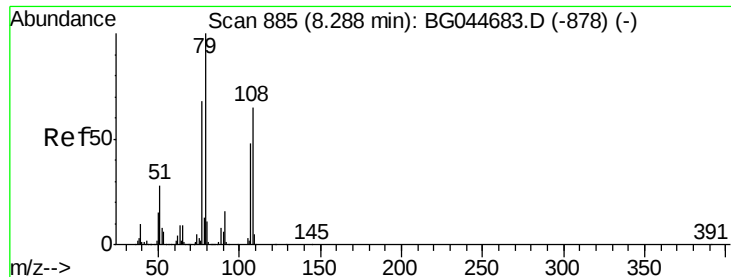
Tot Ion:146 Resp: 218636
 Ion Ratio Lower Upper
 146 100
 148 66.2 55.0 82.4
 111 41.5 37.2 55.8



#14
 1,2-Dichlorobenzene
 Concen: 37.410 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Tgt Ion:146 Resp: 205105
 Ion Ratio Lower Upper
 146 100
 148 67.2 51.8 77.8
 111 46.2 33.4 50.0





#15

Benzyl Alcohol

Concen: 36.592 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

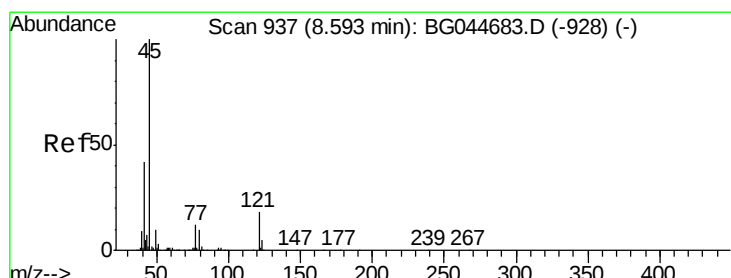
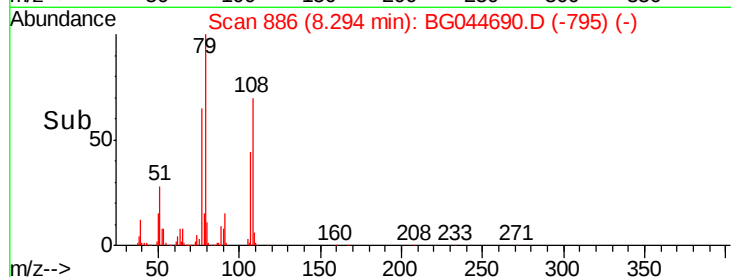
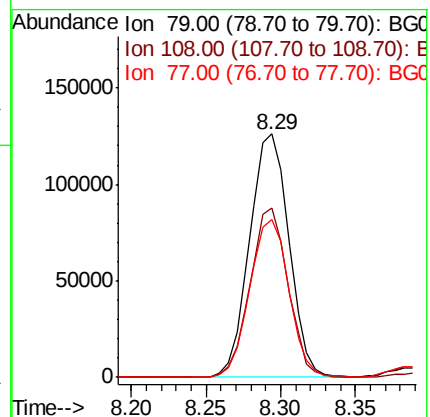
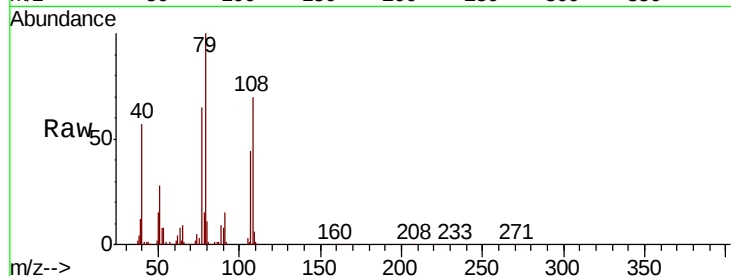
Tot Ion: 79 Resp: 229825

Ion Ratio Lower Upper

79 100

108 69.8 52.2 78.4

77 65.1 54.2 81.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.913 ng

RT: 8.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

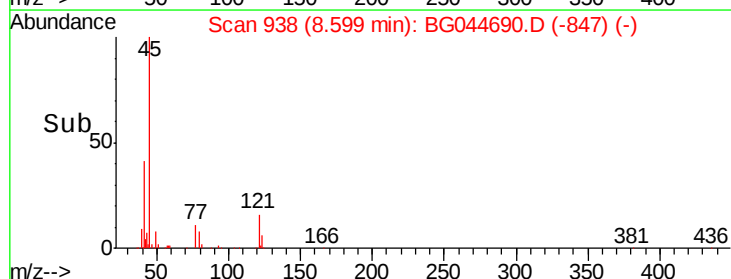
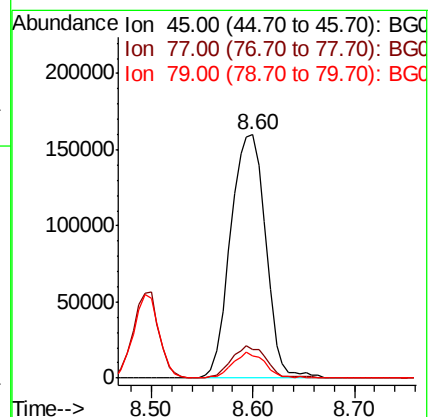
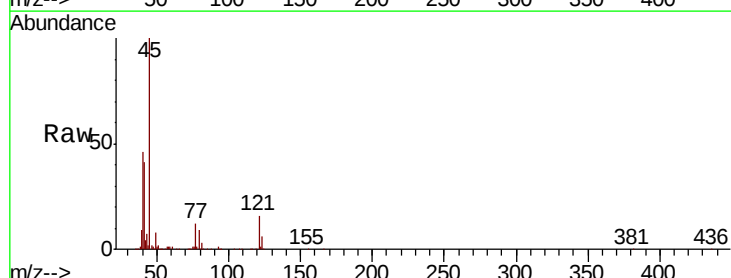
Tgt Ion: 45 Resp: 384299

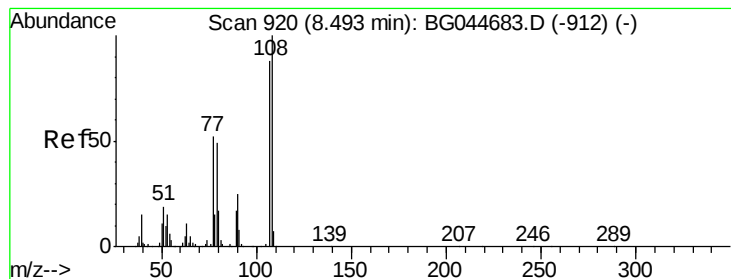
Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.1

79 9.0 0.0 29.9

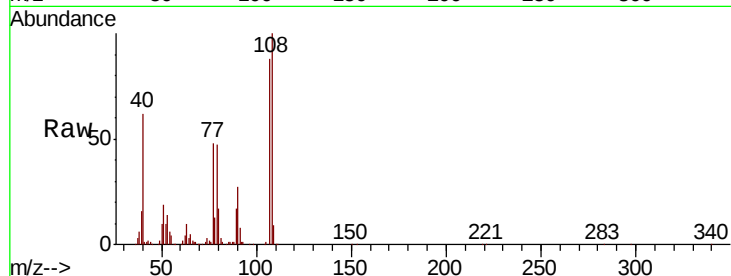




#17
2-Methylphenol
Concen: 36.351 ng
RT: 8.49 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.5	135.7
77	54.4	47.3	70.9
79	53.8	44.6	67.0



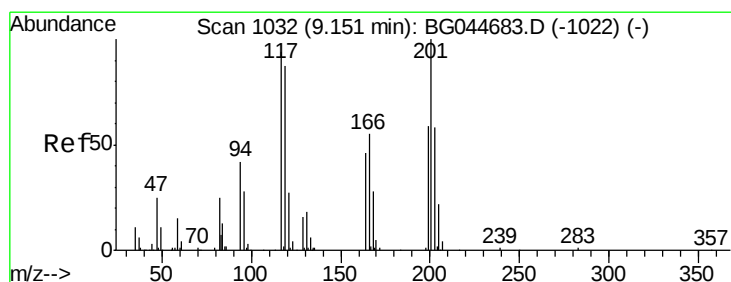
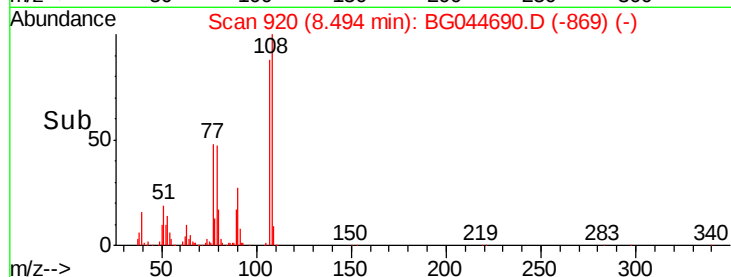
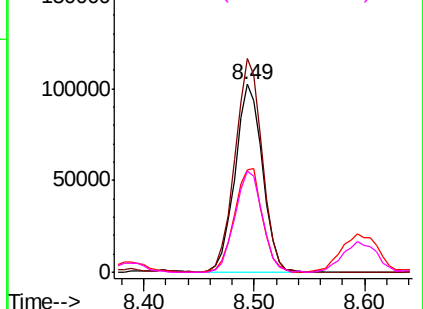
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

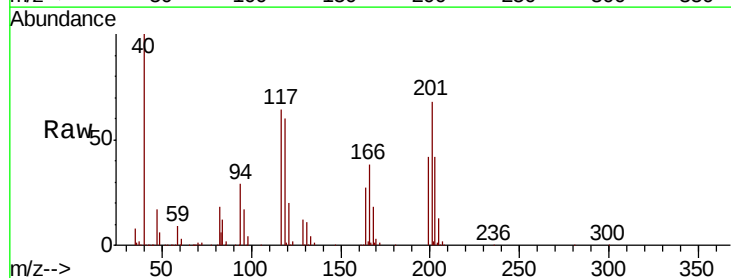
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.250 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	74.5	111.7
201	107.3	85.5	128.3

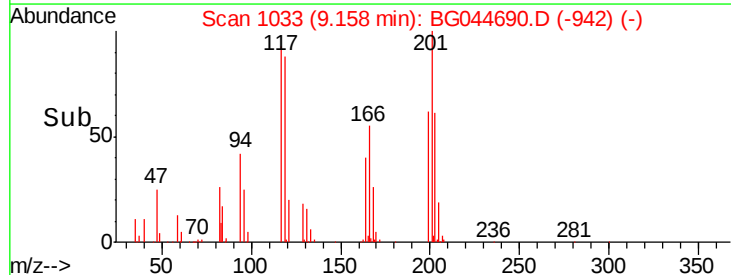
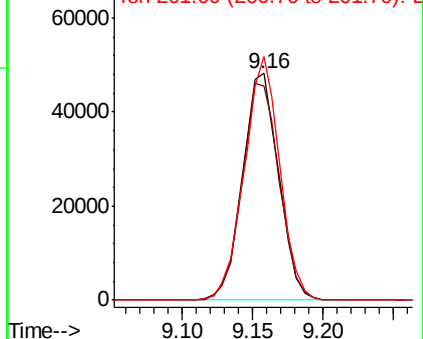


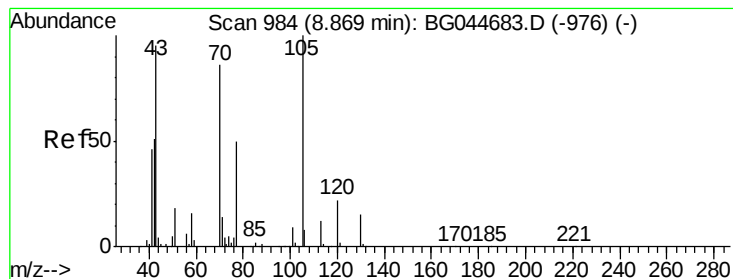
Abundance

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: 36.339 ng

RT: 8.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 197641

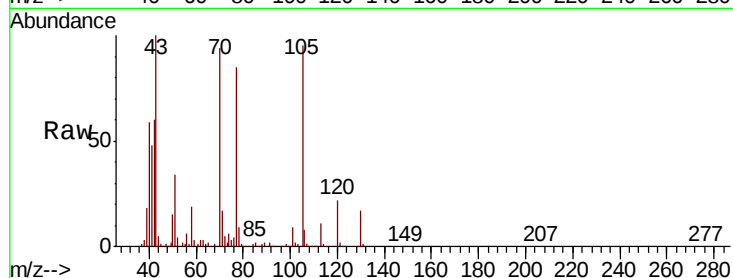
Ion Ratio Lower Upper

70 100

42 63.9 48.9 73.3

101 9.9 8.0 12.0

130 17.8 14.1 21.1

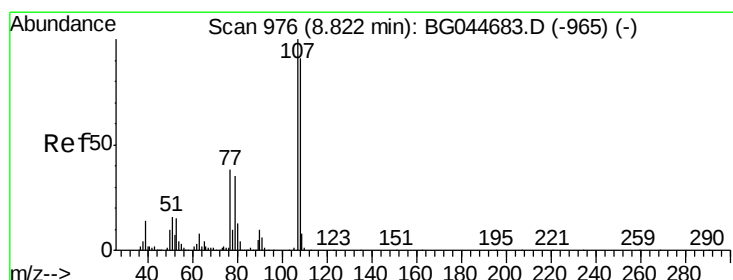
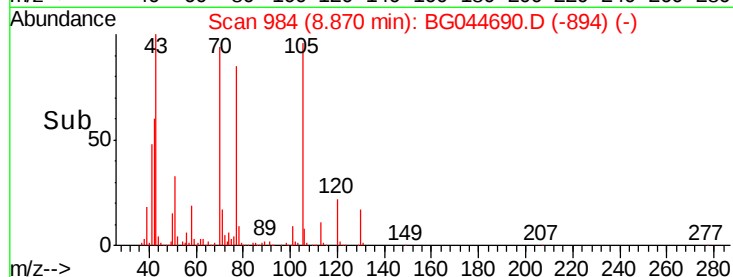
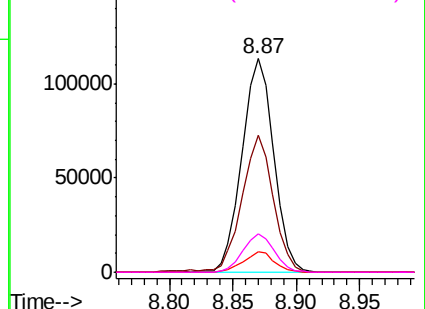


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 36.985 ng

RT: 8.82 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Tgt Ion: 107 Resp: 253183

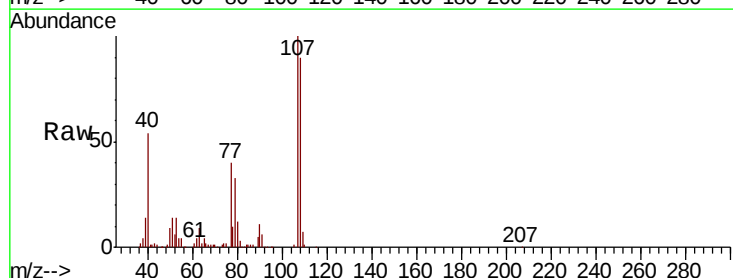
Ion Ratio Lower Upper

107 100

108 90.5 70.8 110.8

77 39.7 17.8 57.8

79 33.4 14.9 54.9

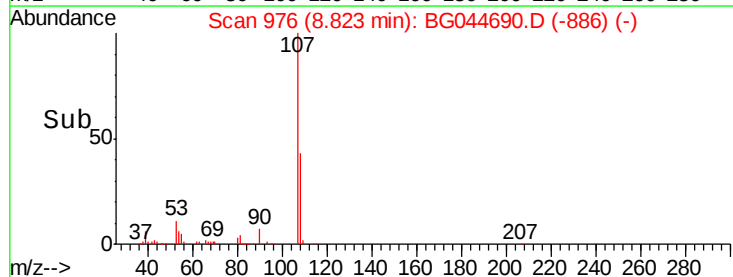
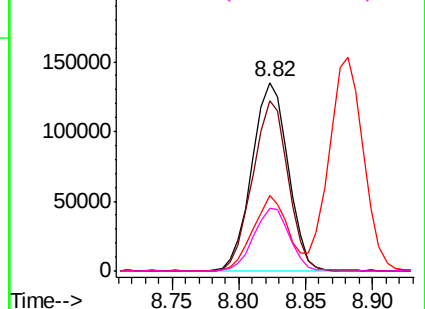


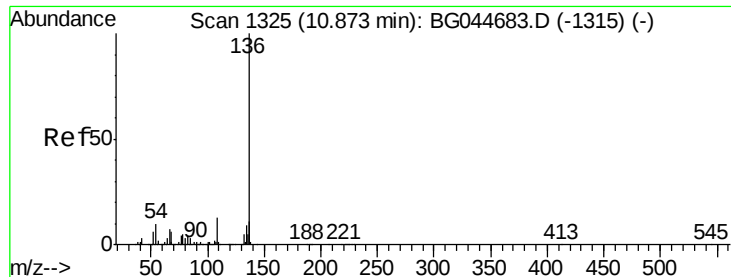
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 295849

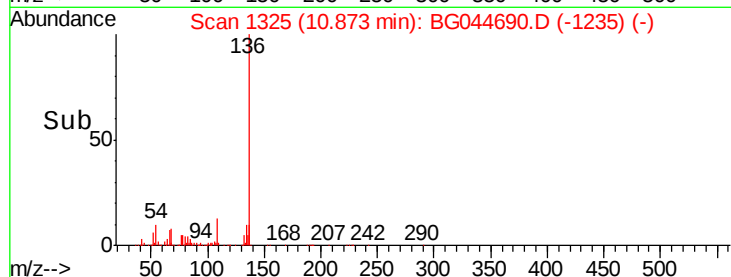
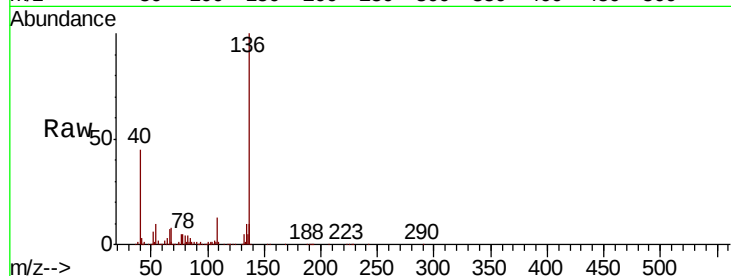
Ion Ratio Lower Upper

136 100

137 10.3 8.6 12.8

54 10.0 8.2 12.4

68 7.5 5.3 7.9

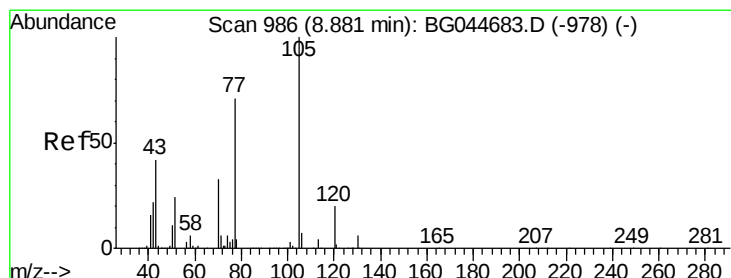
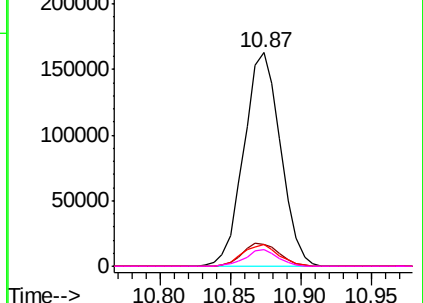


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.032 ng

RT: 8.88 min Scan# 986

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Tgt Ion:105 Resp: 319833

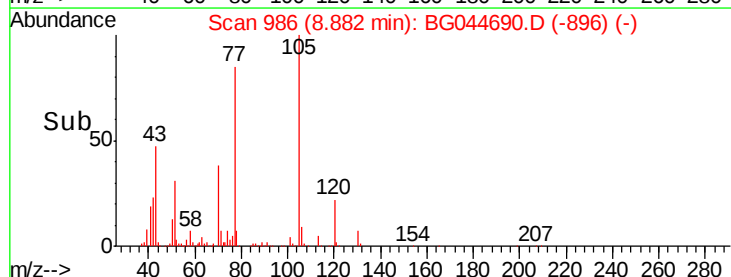
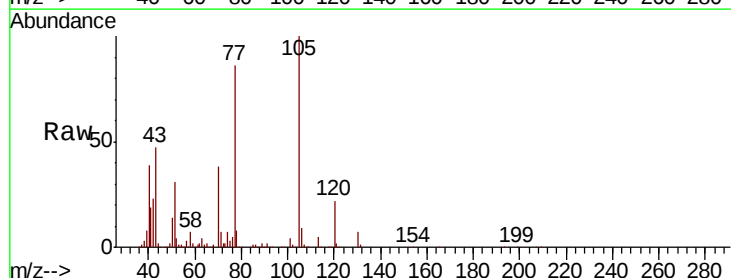
Ion Ratio Lower Upper

105 100

71 7.0 4.8 7.2

51 30.8 24.0 36.0

120 21.8 16.2 24.2

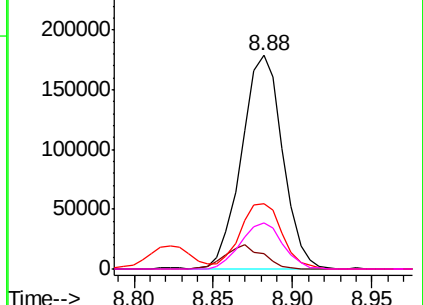


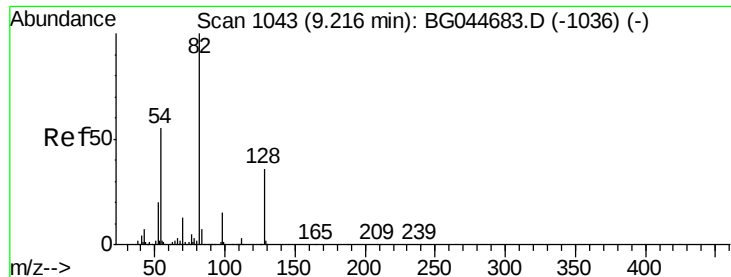
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

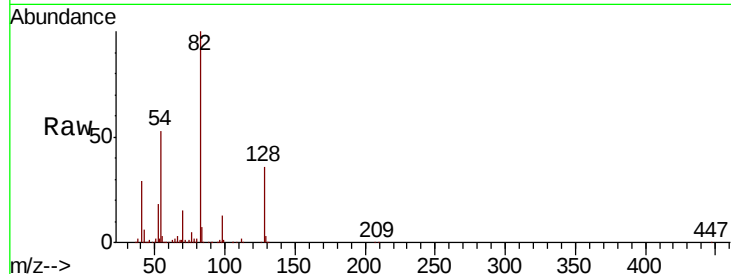




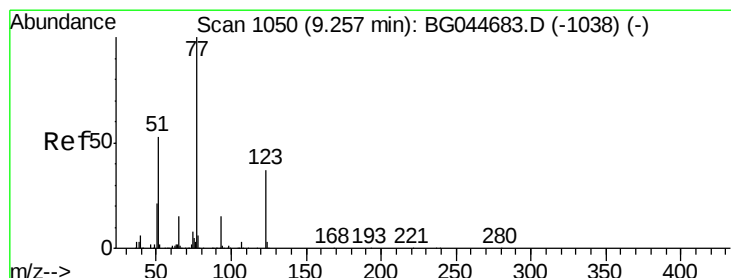
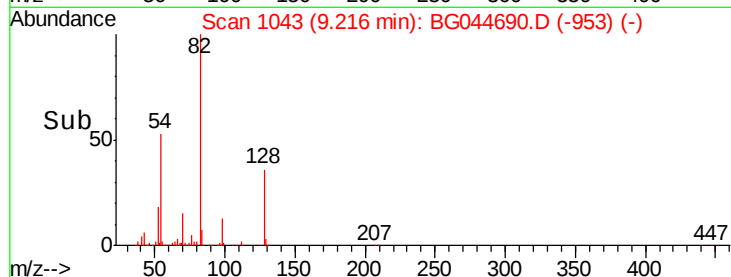
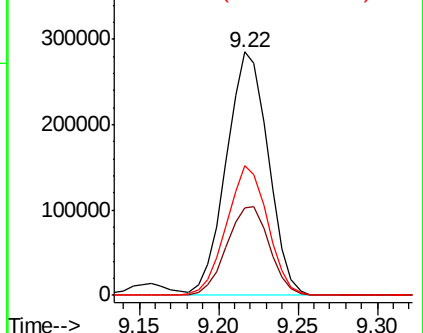
#23
 Nitrobenzene-d5
 Concen: 80.399 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82.00	Resp	522418
Ion Ratio	Lower	Upper	
82	100		
128	35.9	28.5	42.7
54	53.2	43.6	65.4

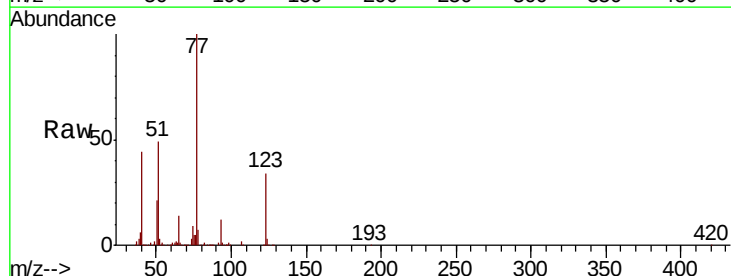


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

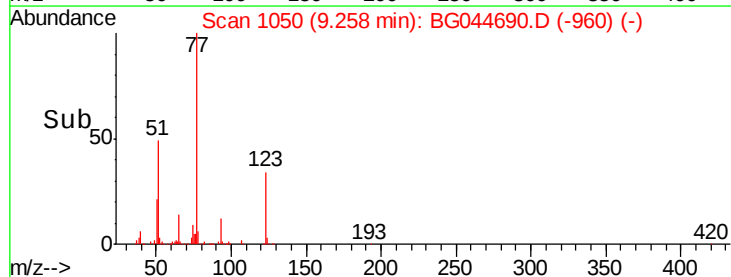
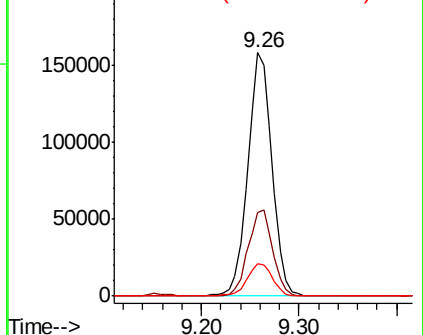


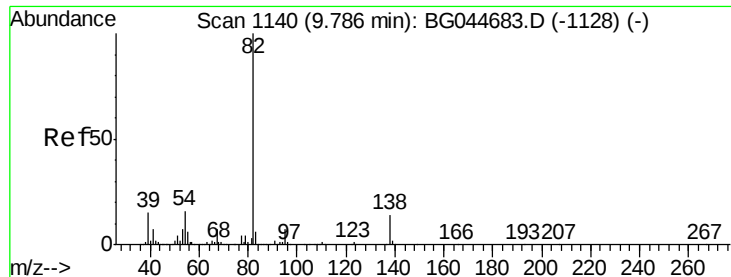
#24
 Nitrobenzene
 Concen: 39.938 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Tgt Ion	77.00	Resp	275141
Ion Ratio	Lower	Upper	
77	100		
123	34.2	29.7	44.5
65	13.5	11.7	17.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 37.024 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

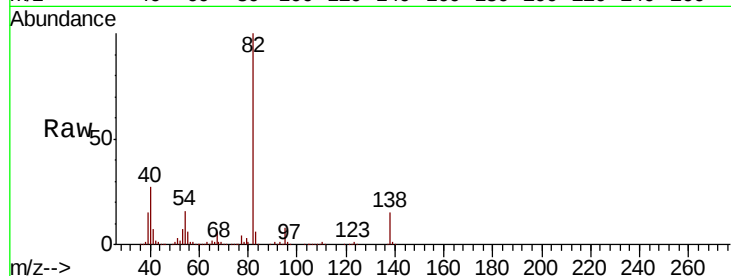
Tot Ion: 82 Resp: 530528

Ion Ratio Lower Upper

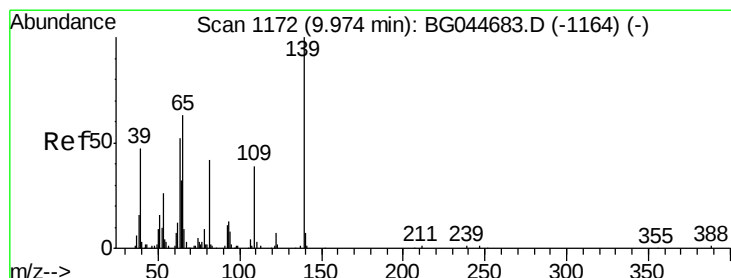
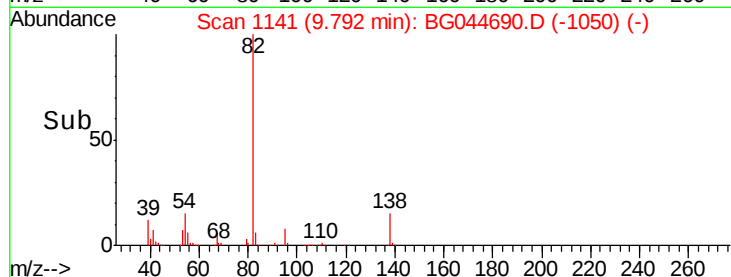
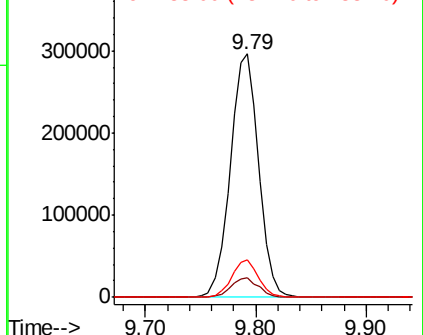
82 100

95 7.8 6.0 9.0

138 15.2 11.2 16.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 39.999 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

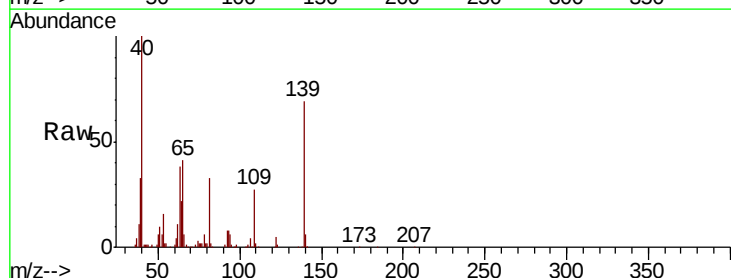
Tgt Ion: 139 Resp: 92976

Ion Ratio Lower Upper

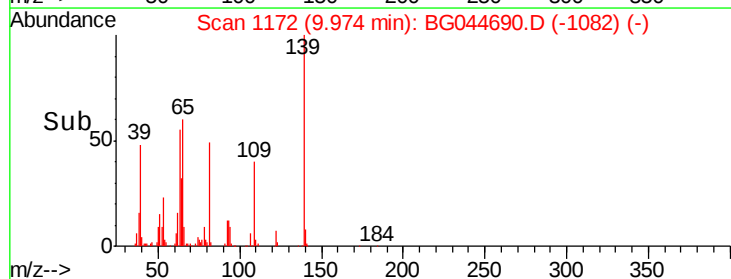
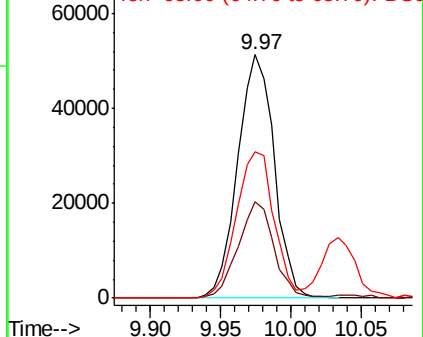
139 100

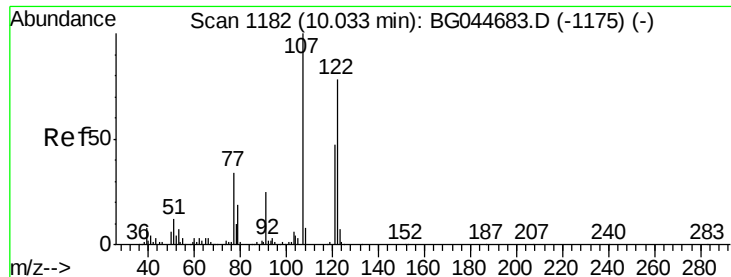
109 39.6 31.1 46.7

65 60.1 50.2 75.4



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

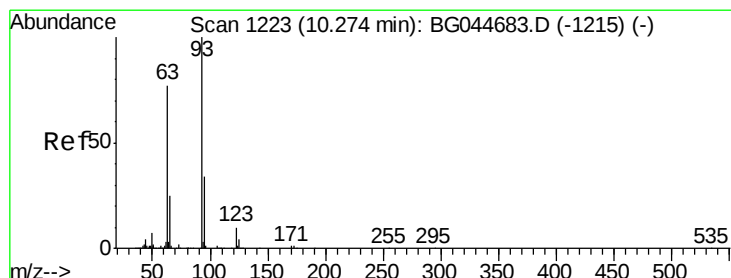
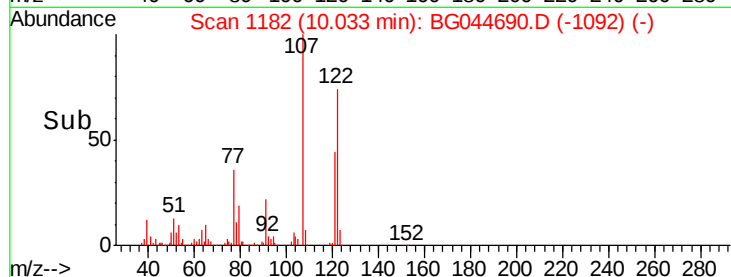
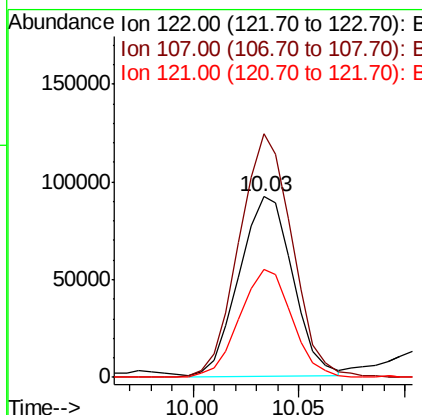
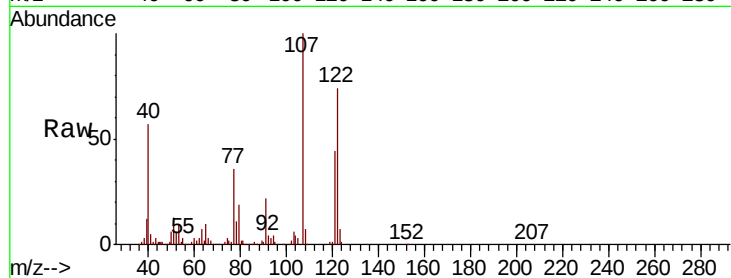




#27
 2,4-Dimethylphenol
 Concen: 36.261 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

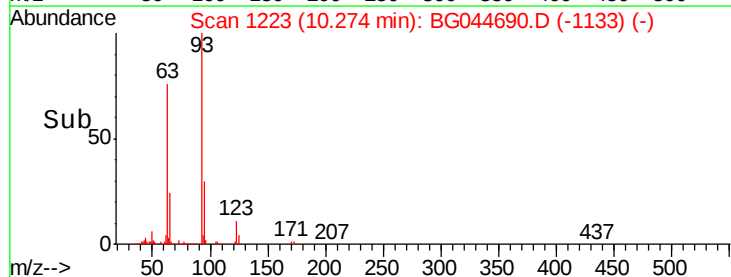
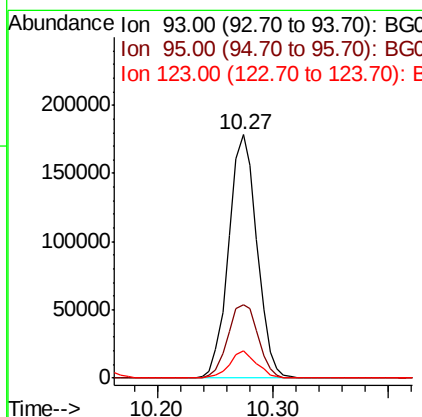
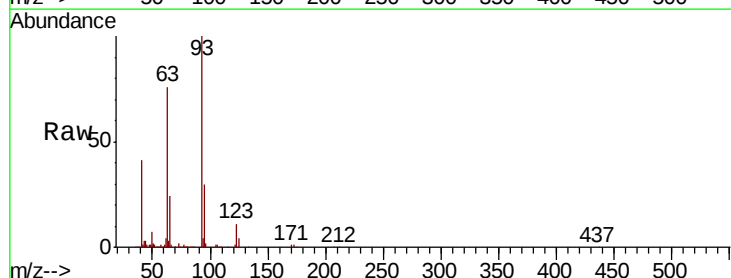
Instrument :
 BNA_G
 ClientSampleId :

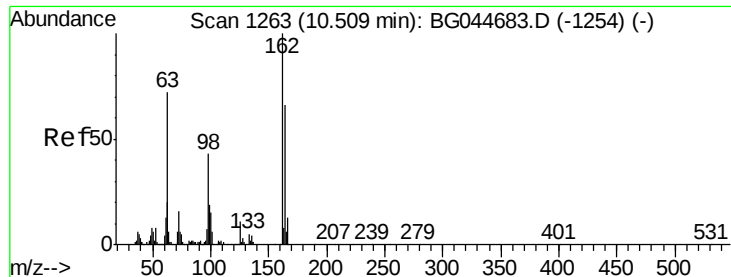
Tot Ion:122 Resp: 163014
 Ion Ratio Lower Upper
 122 100
 107 134.8 101.7 152.5
 121 59.5 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.433 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Tgt Ion: 93 Resp: 301975
 Ion Ratio Lower Upper
 93 100
 95 30.2 27.0 40.6
 123 11.4 8.3 12.5

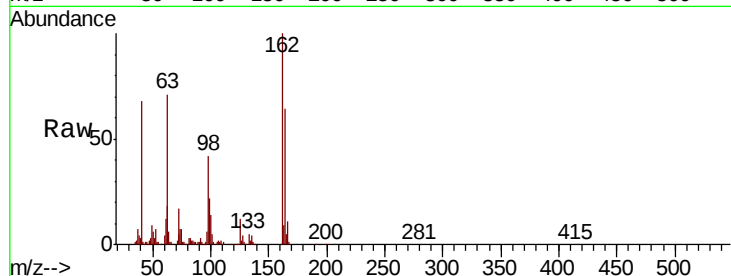




#29
 2,4-Dichlorophenol
 Concen: 38.011 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	46.1	86.1
98	41.7	22.8	62.8

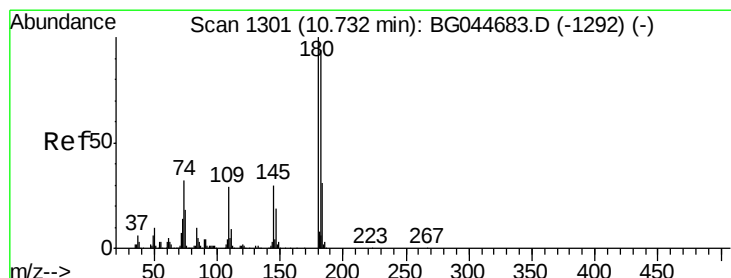
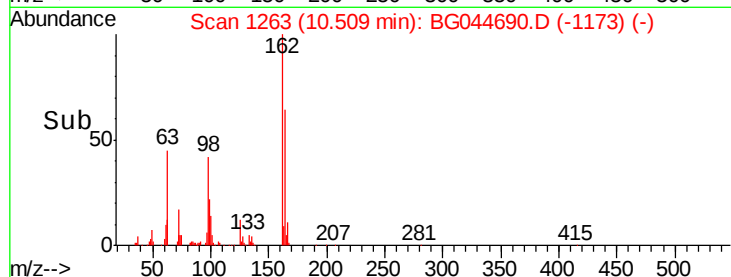
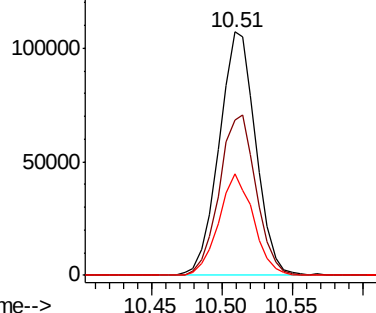


Abundance

Ion 162.00 (161.70 to 162.70): E

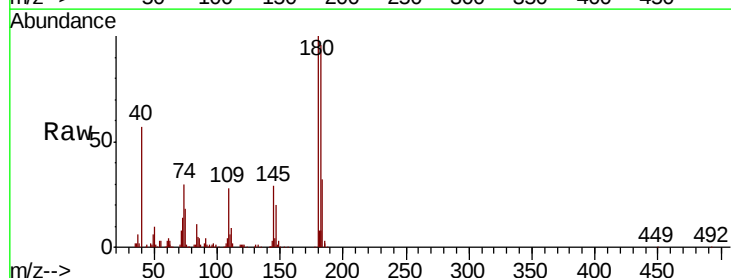
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 37.869 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.1	112.7
145	29.3	23.8	35.8

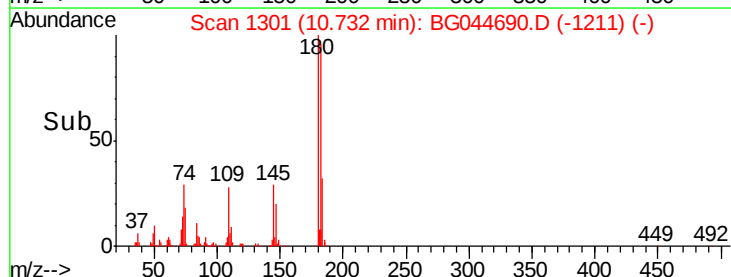
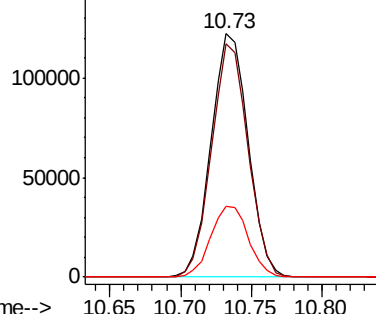


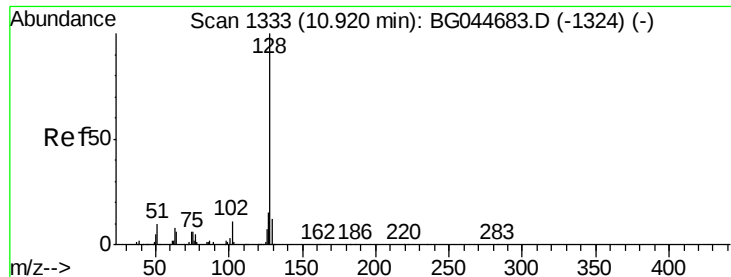
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

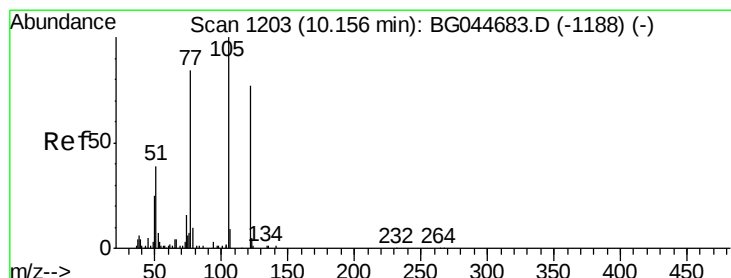
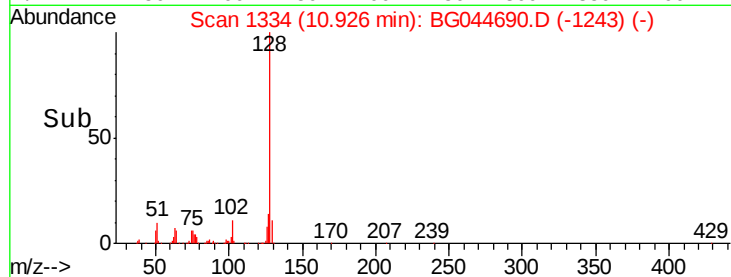
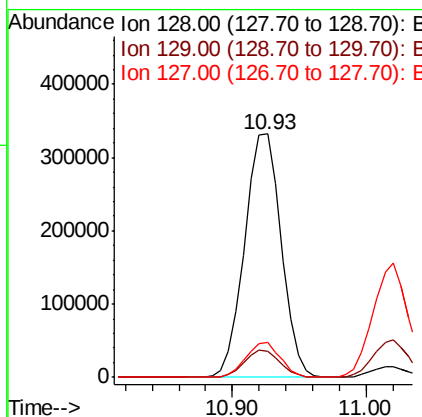
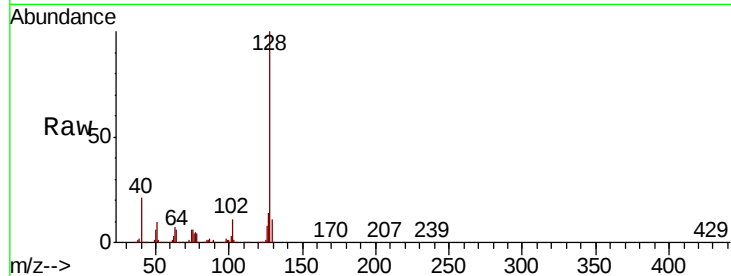




#31
Naphthalene
Concen: 37.858 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

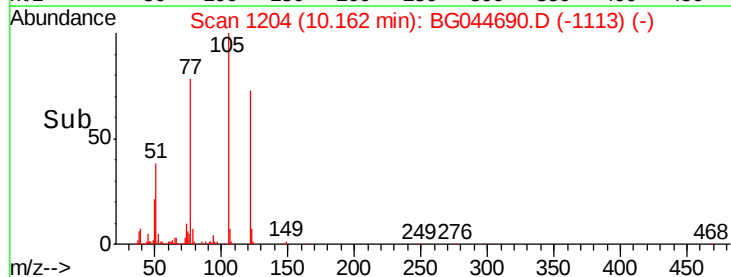
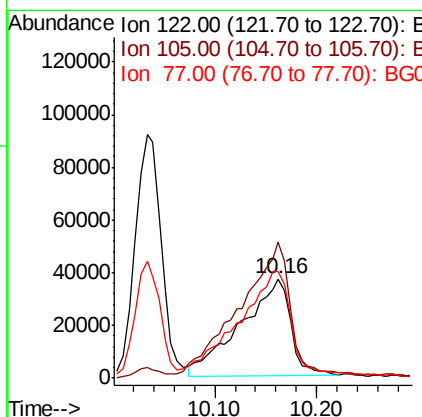
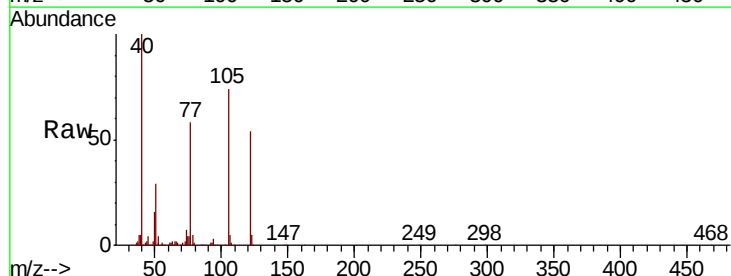
Instrument :
BNA_G
ClientSampled :

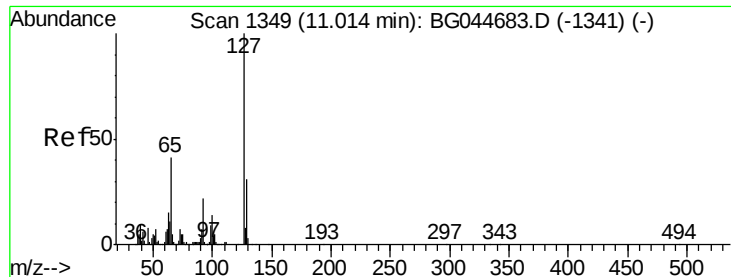
Tot Ion:128 Resp: 628552
Ion Ratio Lower Upper
128 100
129 10.9 9.7 14.5
127 14.5 11.6 17.4



#32
Benzoic acid
Concen: 37.743 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion:122 Resp: 124688
Ion Ratio Lower Upper
122 100
105 137.2 105.1 145.1
77 107.4 87.7 127.7

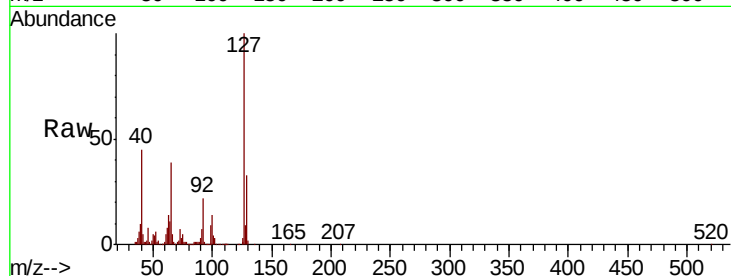




#33
4-Chloroaniline
Concen: 36.960 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	282633
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.0	37.4
65	39.2	32.7	49.1
92	22.0	17.3	25.9



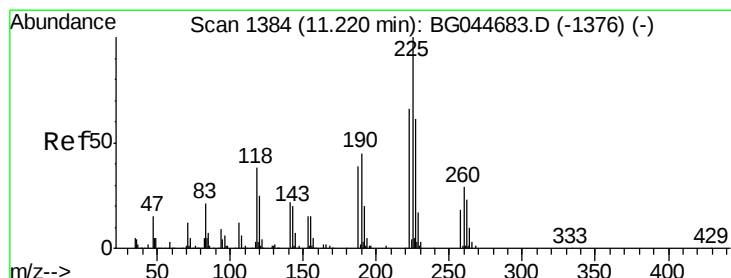
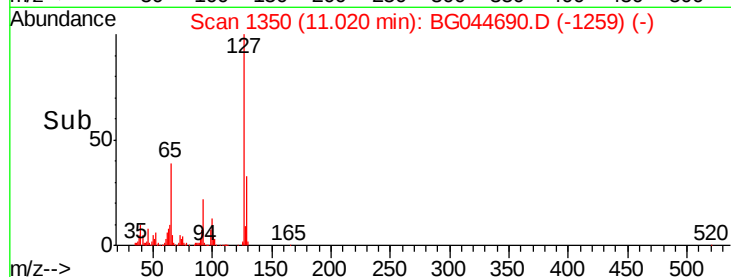
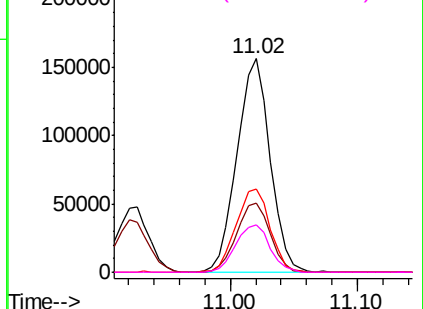
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

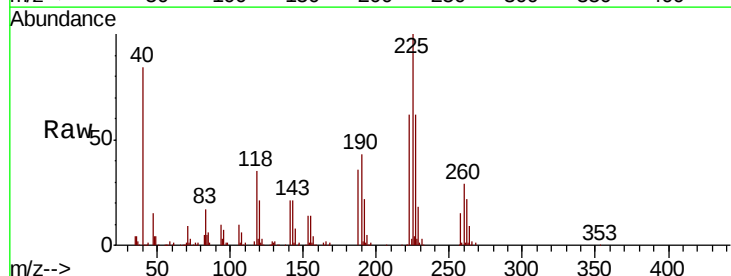
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.076 ng
RT: 11.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion:	225	Resp:	150511
Ion	Ratio	Lower	Upper
225	100		
223	62.3	52.4	78.6
227	62.1	48.7	73.1

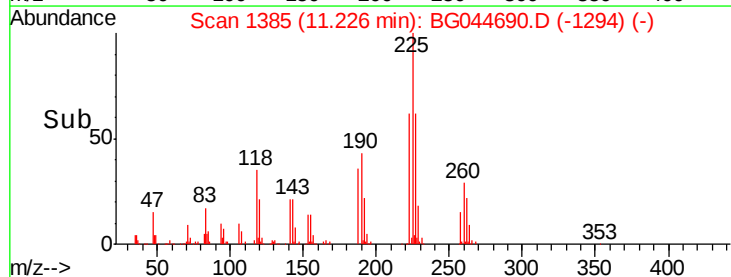
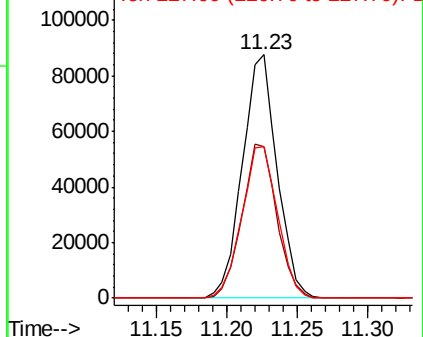


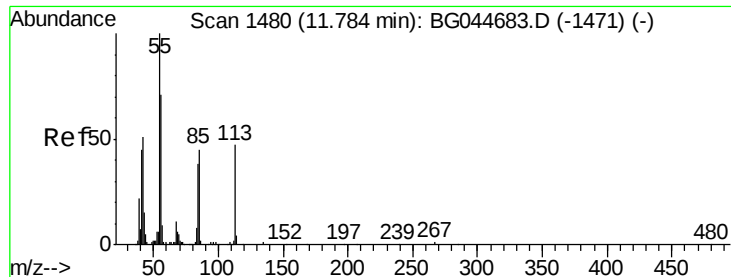
Abundance

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: 36.897 ng

RT: 11.78 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

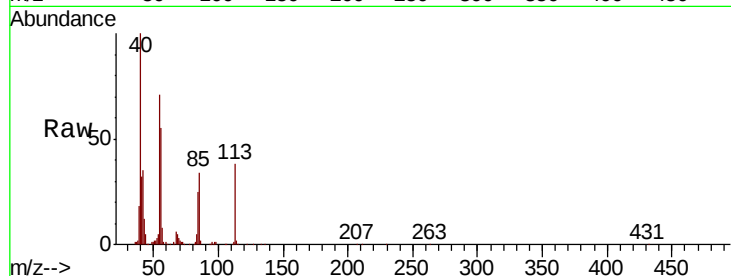
Tot Ion:113 Resp: 78785

Ion Ratio Lower Upper

113 100

55 189.7 194.3 234.3#

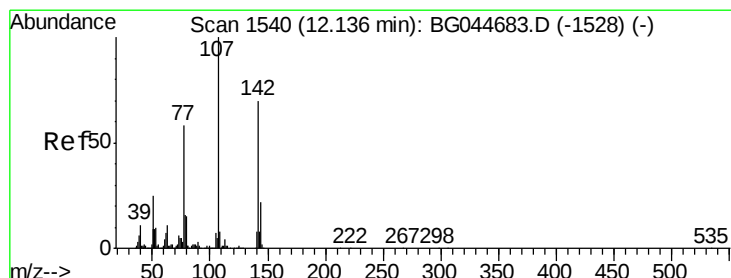
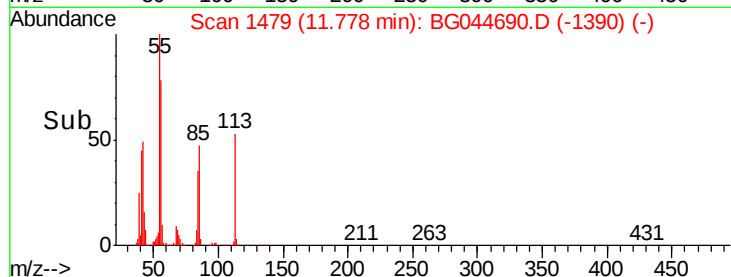
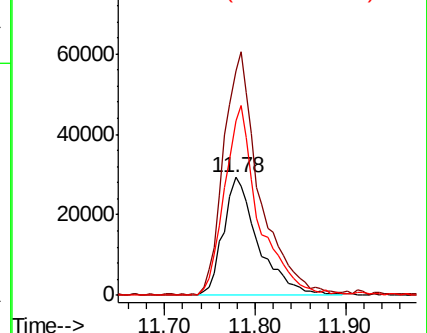
56 147.5 131.4 171.4



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: 37.562 ng

RT: 12.14 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

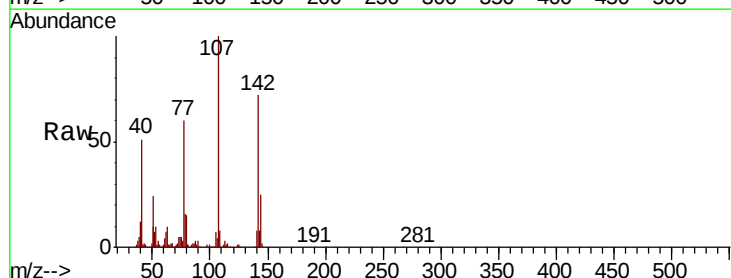
Tgt Ion:107 Resp: 243323

Ion Ratio Lower Upper

107 100

144 24.8 17.9 26.9

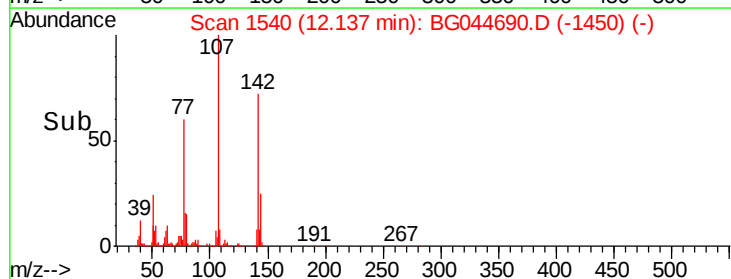
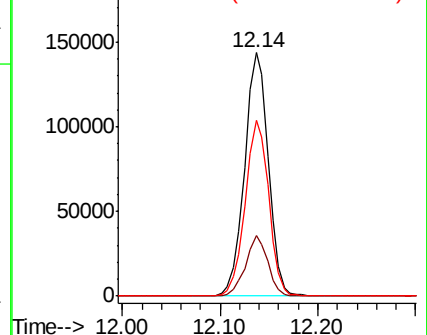
142 72.2 55.8 83.8

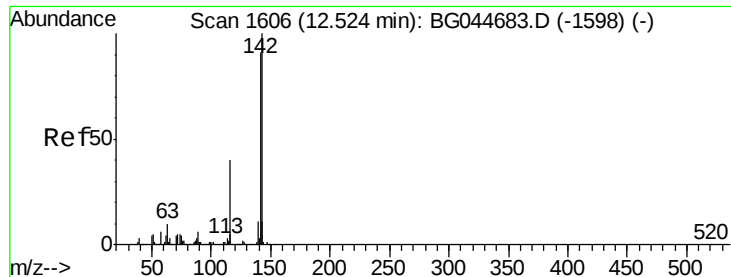


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

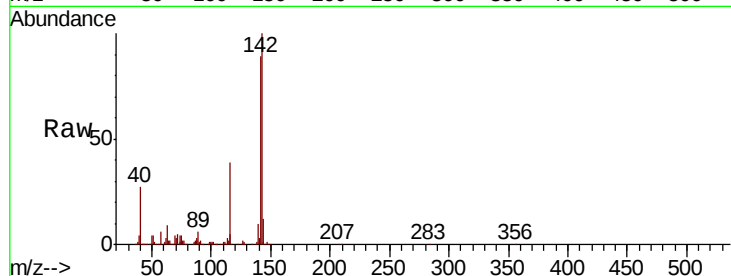




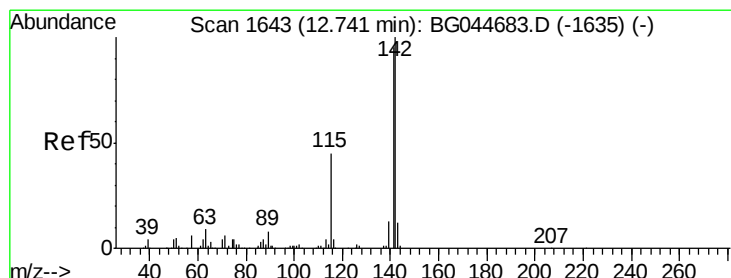
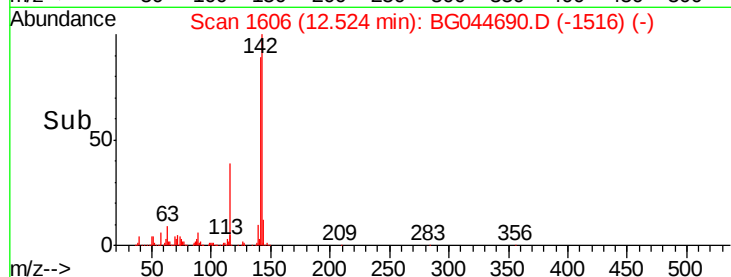
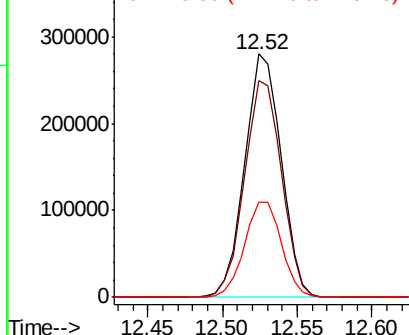
#37
2-Methylnaphthalene
Concen: 37.697 ng
RT: 12.52 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.9	109.3
115	39.3	32.3	48.5

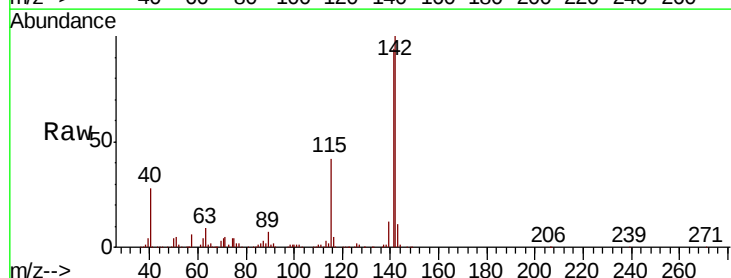


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

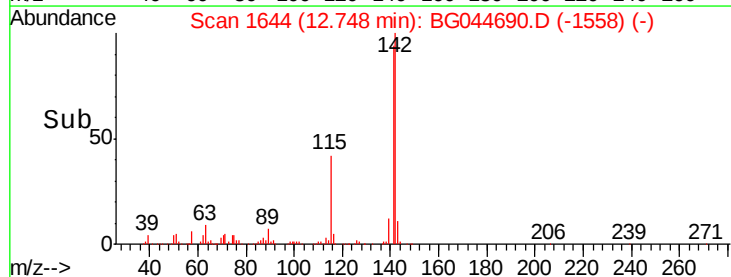
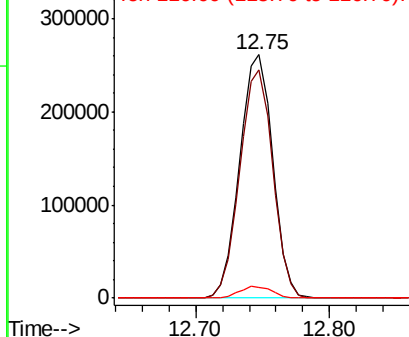


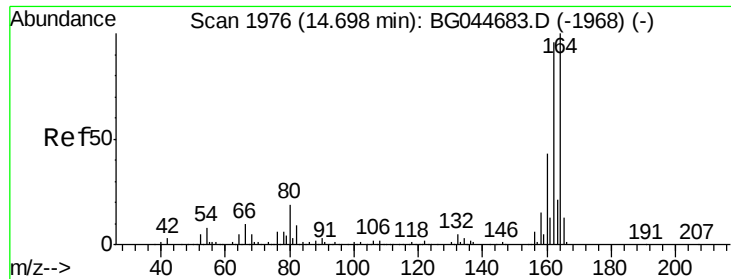
#38
1-Methylnaphthalene
Concen: 37.661 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	76.2	114.2
116	4.6	3.4	5.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

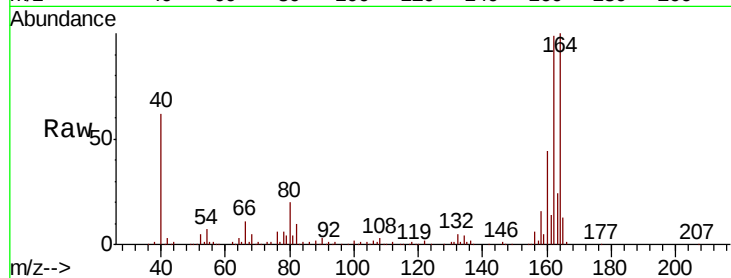
Tot Ion:164 Resp: 213933

Ion Ratio Lower Upper

164 100

162 99.4 76.5 114.7

160 43.6 34.8 52.2

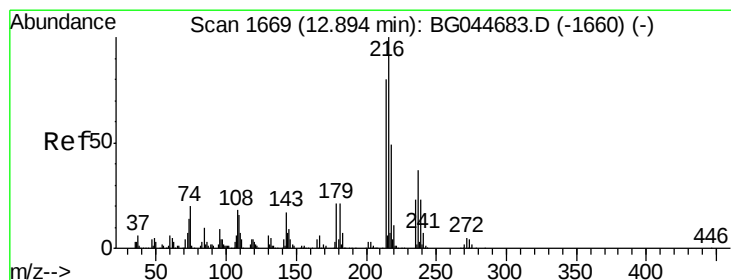
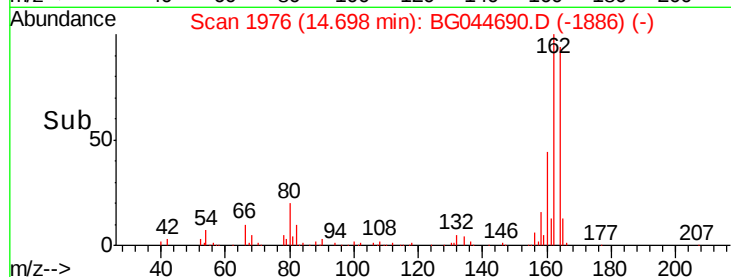
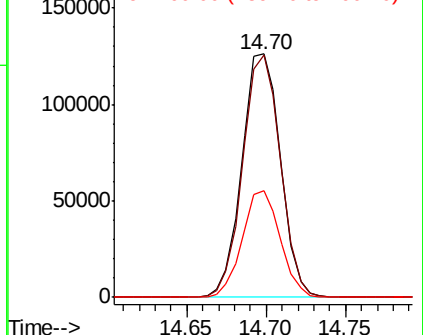


Abundance

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: 36.999 ng

RT: 12.89 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Tgt Ion:216 Resp: 256955

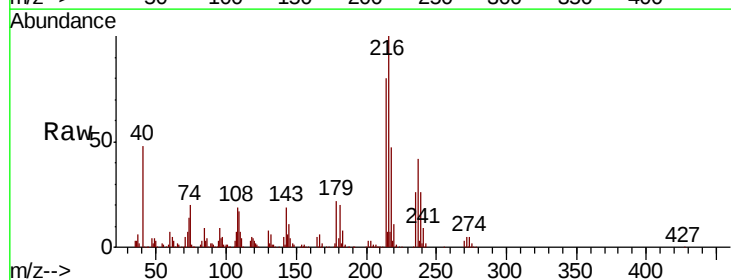
Ion Ratio Lower Upper

216 100

214 77.5 64.5 96.7

179 20.6 16.7 25.1

108 19.4 15.8 23.6



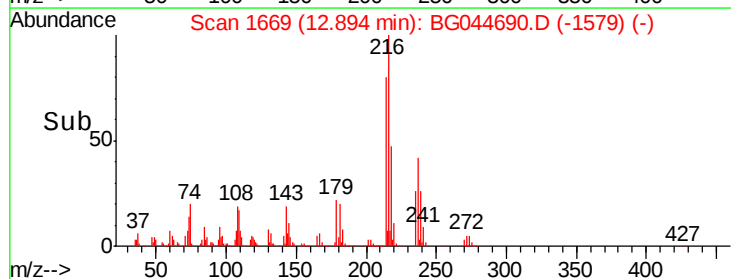
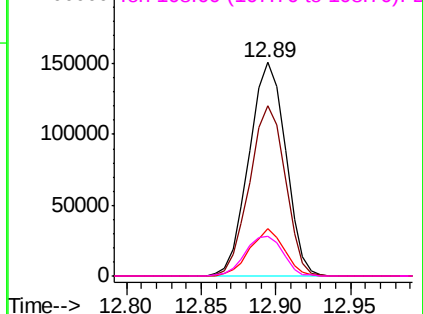
Abundance

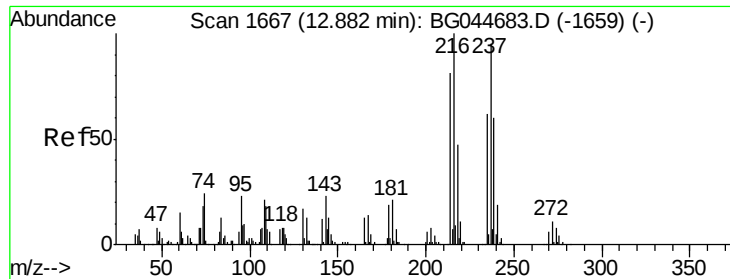
Ion 216.00 (215.70 to 216.70): E

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: 36.728 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

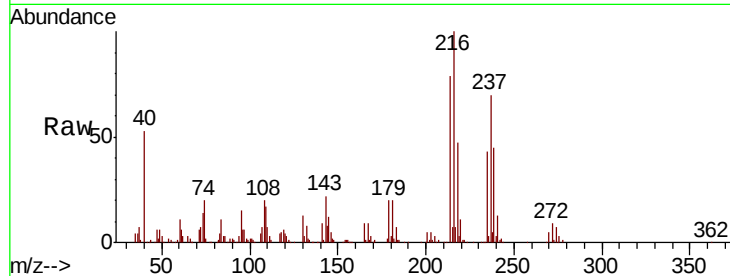
Tot Ion:237 Resp: 149156

Ion Ratio Lower Upper

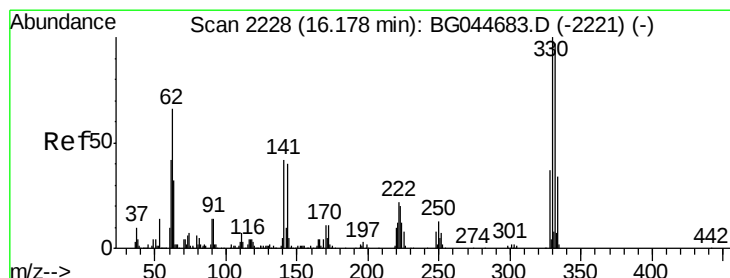
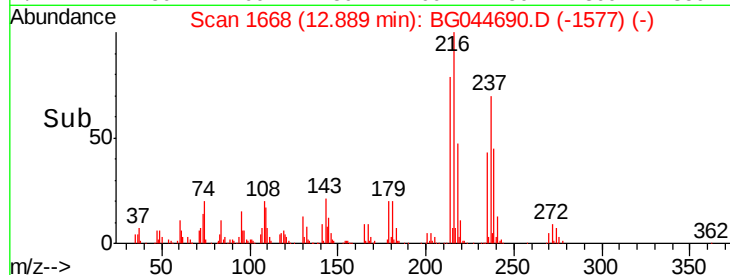
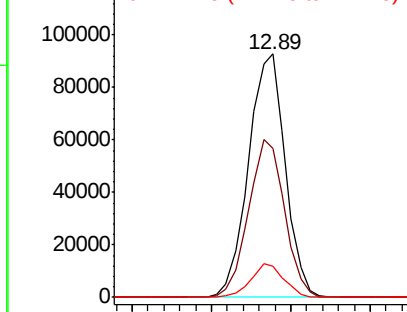
237 100

235 61.1 44.7 84.7

272 12.5 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: 75.647 ng

RT: 16.18 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

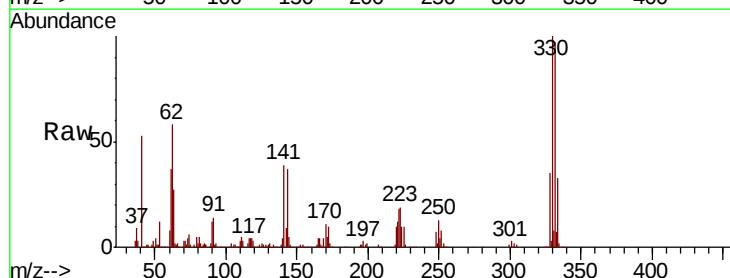
Tgt Ion:330 Resp: 222304

Ion Ratio Lower Upper

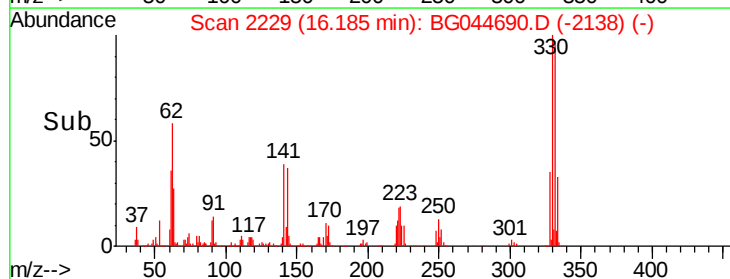
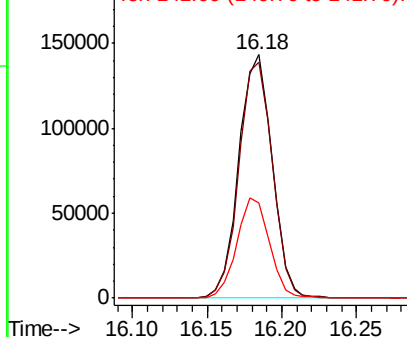
330 100

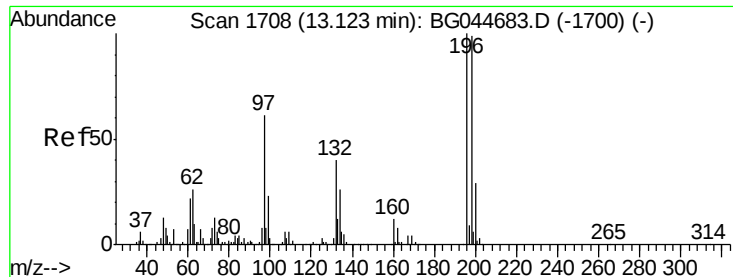
332 97.3 77.0 115.6

141 40.6 32.4 48.6



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

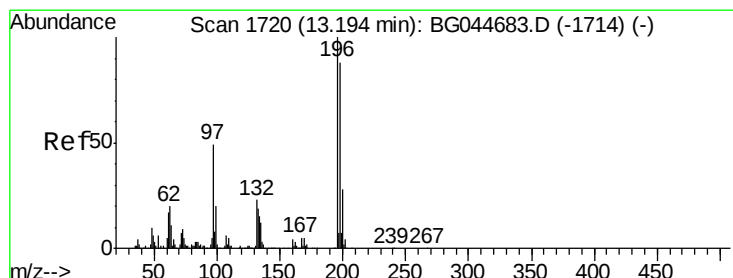
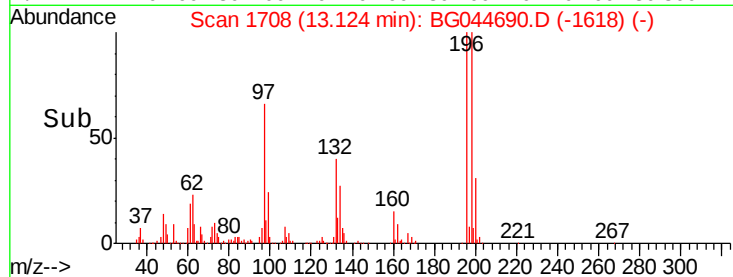
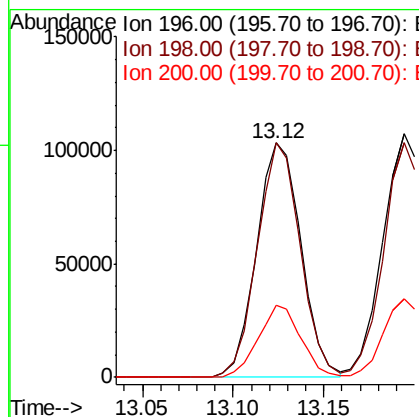
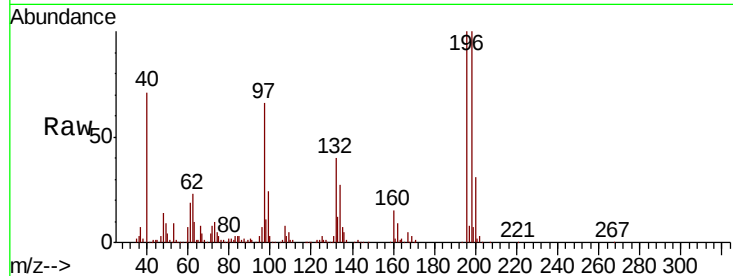




#43
 2,4,6-Trichlorophenol
 Concen: 36.476 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

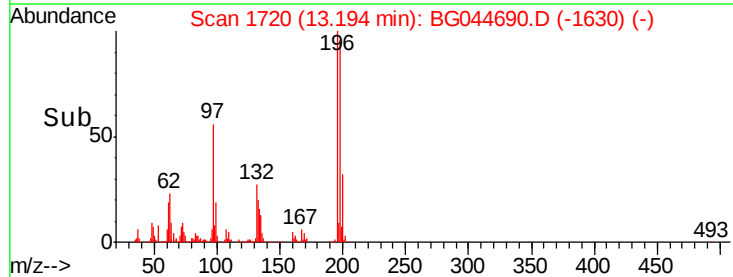
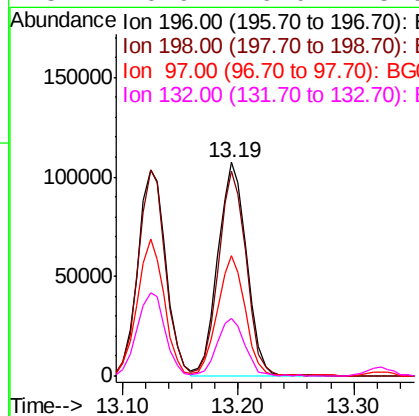
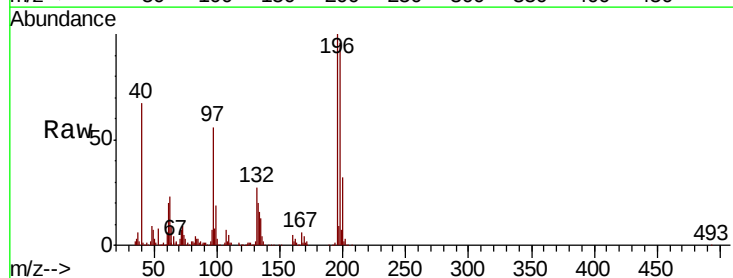
Instrument :
 BNA_G
 ClientSampled :

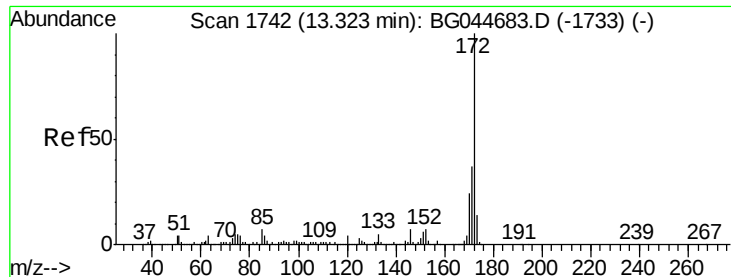
Tot Ion:196 Resp: 175618
 Ion Ratio Lower Upper
 196 100
 198 100.3 79.3 118.9
 200 30.7 23.0 34.6



#44
 2,4,5-Trichlorophenol
 Concen: 37.322 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Tgt Ion:196 Resp: 184283
 Ion Ratio Lower Upper
 196 100
 198 96.1 70.7 106.1
 97 56.1 39.4 59.2
 132 26.9 19.0 28.6

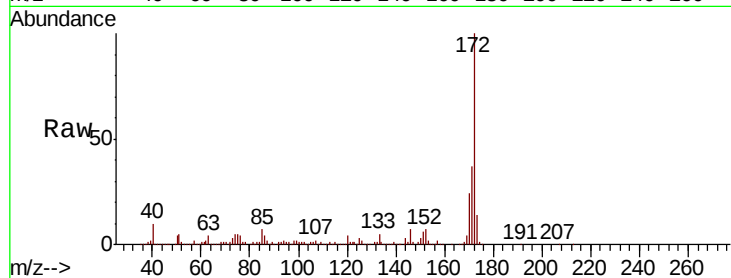




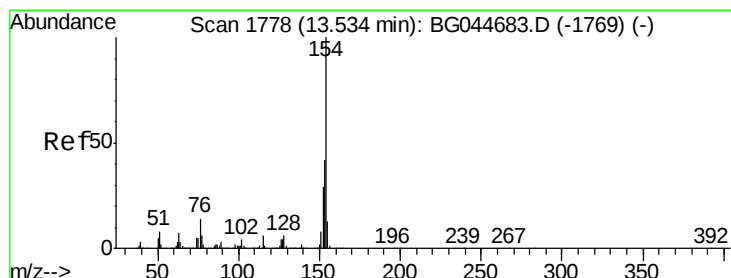
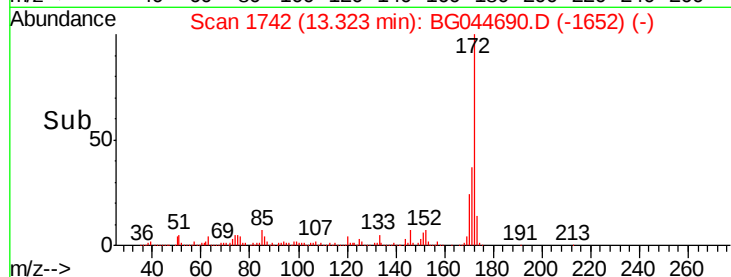
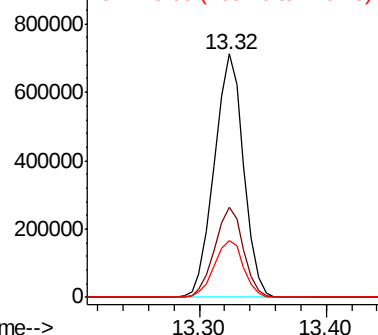
#45
2-Fluorobiphenyl
Concen: 74.028 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1136882
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.8
170 23.5 19.3 28.9

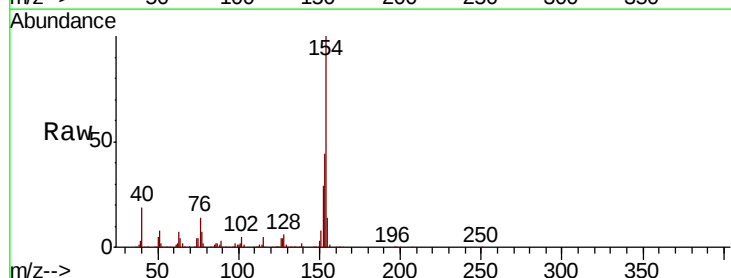


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

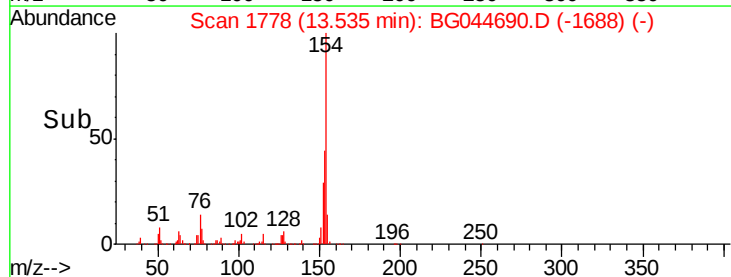
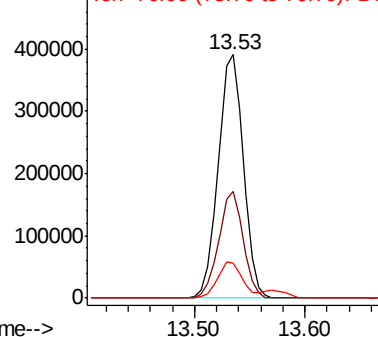


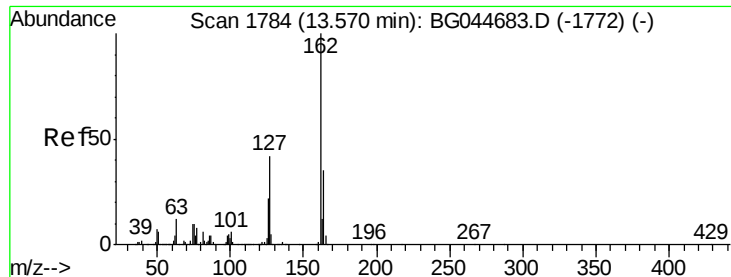
#46
1,1'-Biphenyl
Concen: 36.880 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion:154 Resp: 627531
Ion Ratio Lower Upper
154 100
153 44.0 22.1 62.1
76 14.4 0.0 34.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

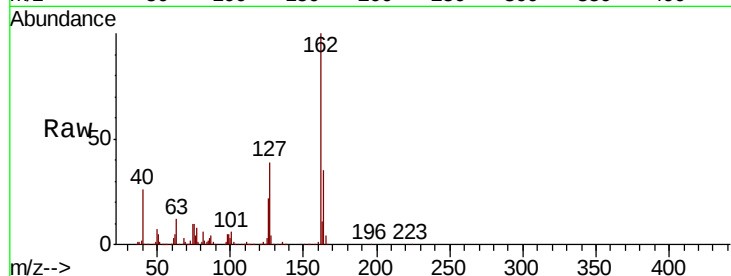




#47
2-Chloronaphthalene
Concen: 37.274 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.9	50.9
164	34.9	28.3	42.5

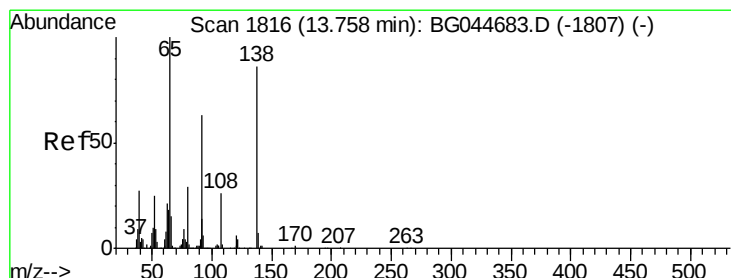
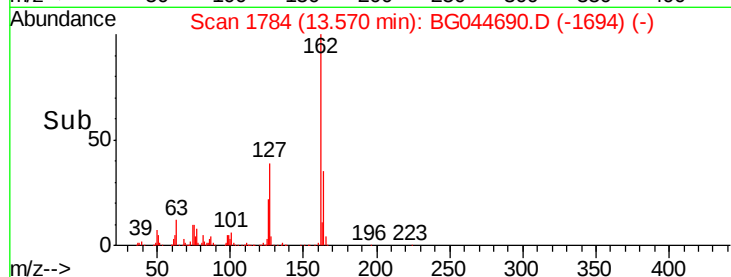
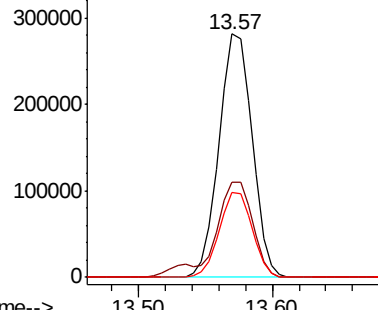


Abundance

Ion 162.00 (161.70 to 162.70): E

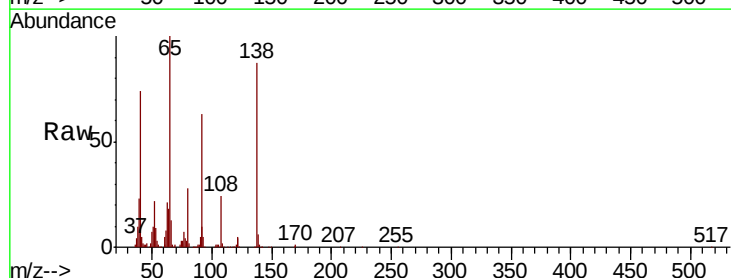
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.924 ng
RT: 13.76 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	50.6	75.8
138	86.7	68.8	103.2

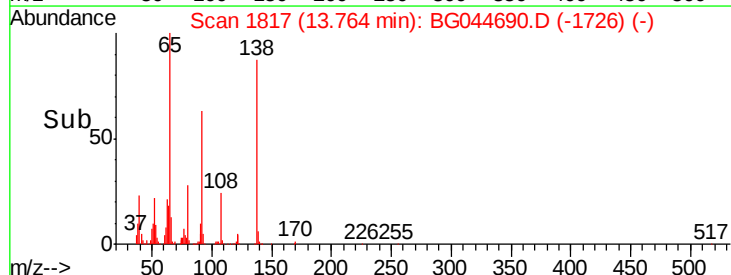
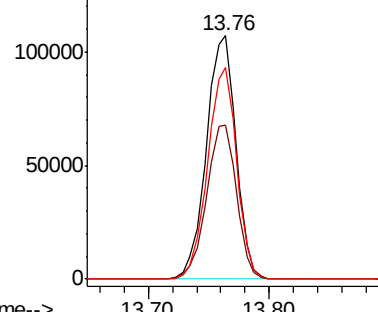


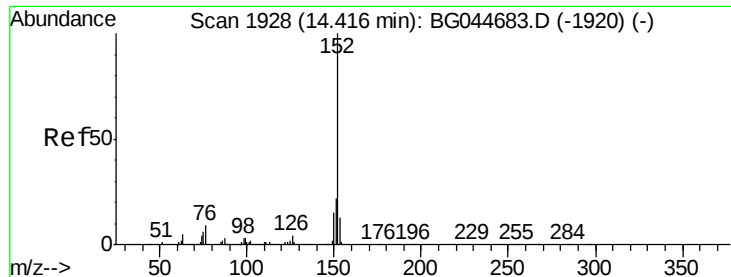
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.676 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

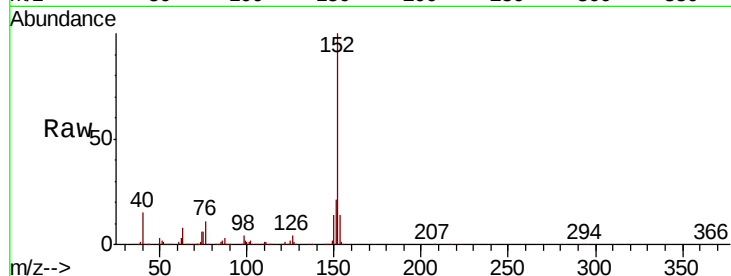
Tot Ion:152 Resp: 783433

Ion Ratio Lower Upper

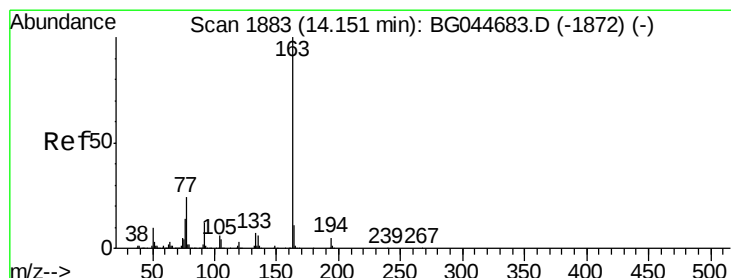
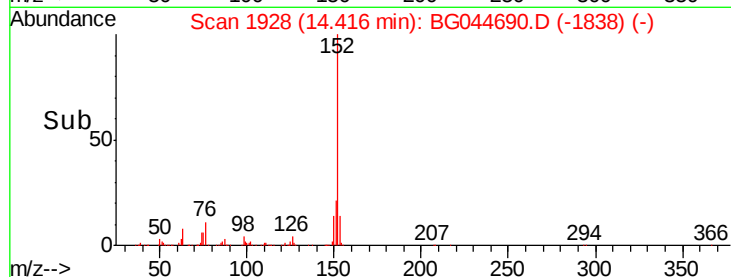
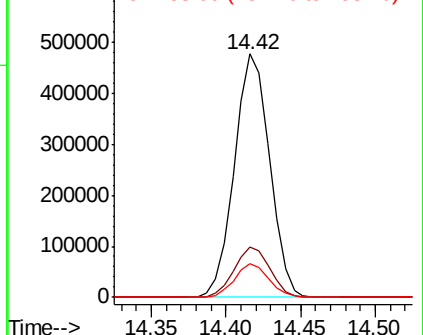
152 100

151 20.5 17.6 26.4

153 13.8 10.7 16.1



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: 37.243 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

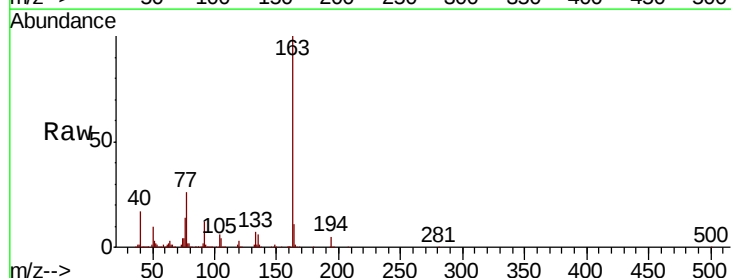
Tgt Ion:163 Resp: 662381

Ion Ratio Lower Upper

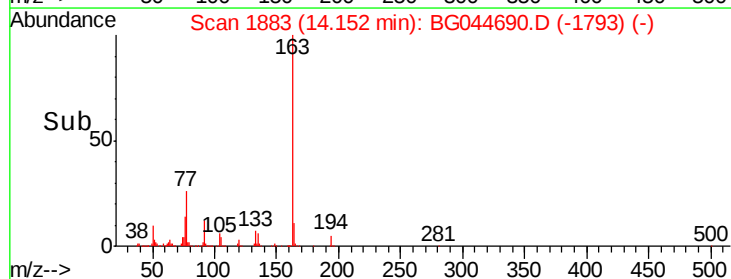
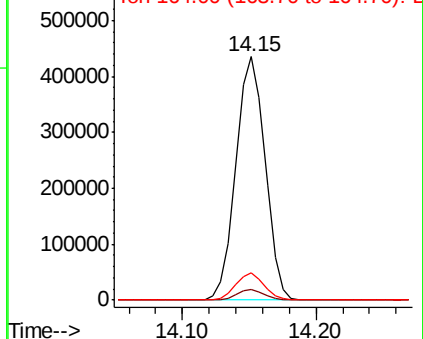
163 100

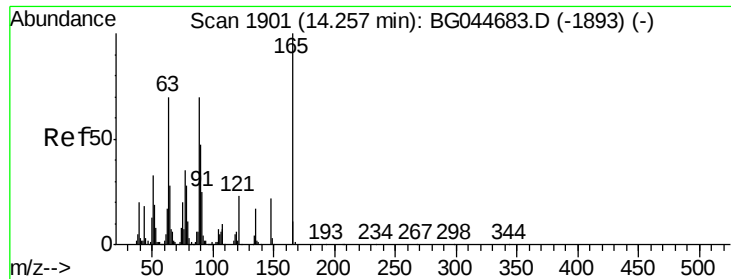
194 4.5 3.7 5.5

164 11.4 8.6 12.8



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

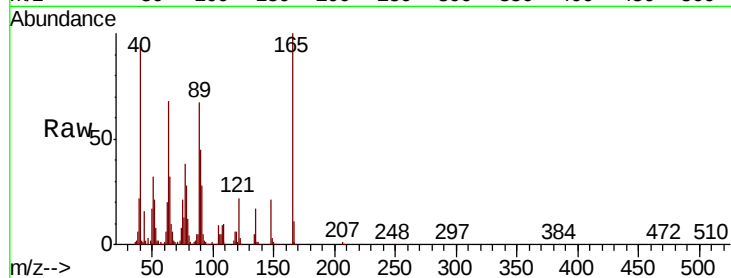




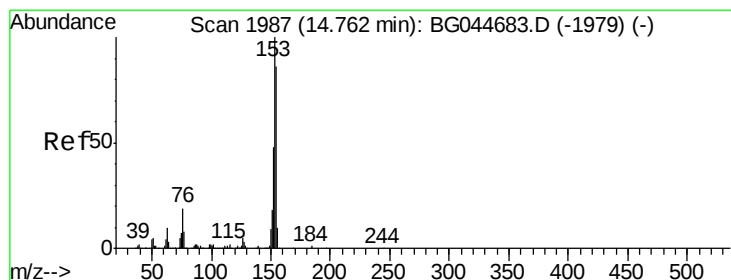
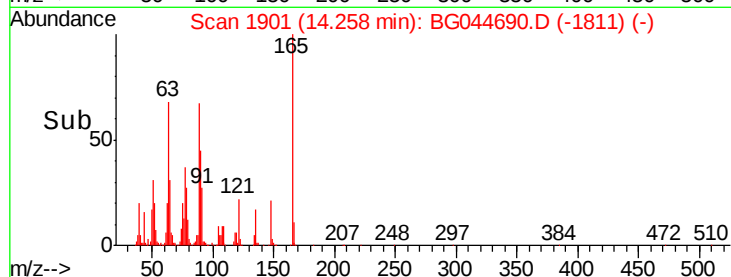
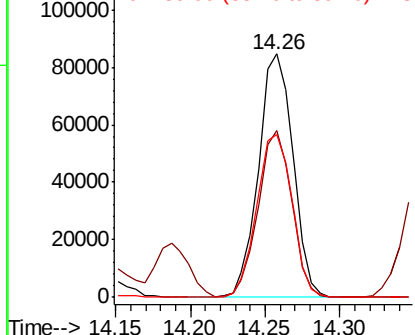
#51
2,6-Dinitrotoluene
Concen: 42.366 ng
RT: 14.26 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 135395
Ion Ratio Lower Upper
165 100
63 68.4 57.4 86.0
89 67.0 56.2 84.2

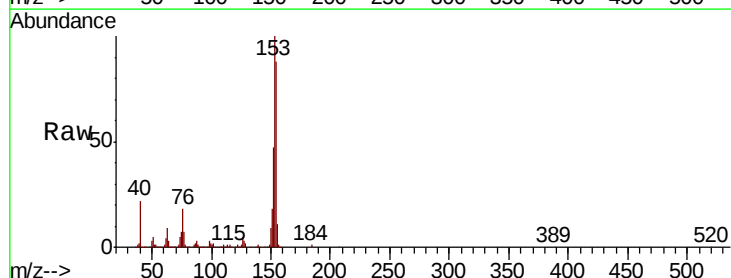


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

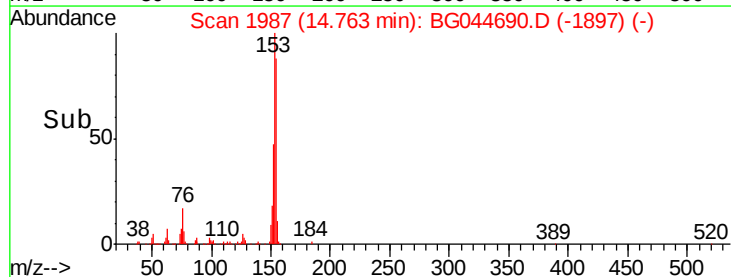
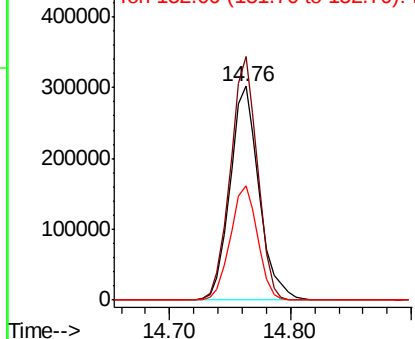


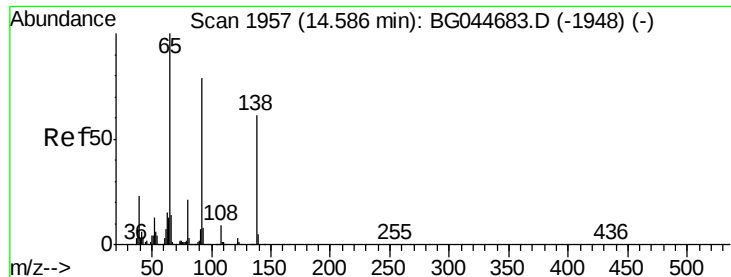
#52
Acenaphthene
Concen: 37.356 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion:154 Resp: 502265
Ion Ratio Lower Upper
154 100
153 114.0 92.6 138.8
152 53.7 44.2 66.4



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

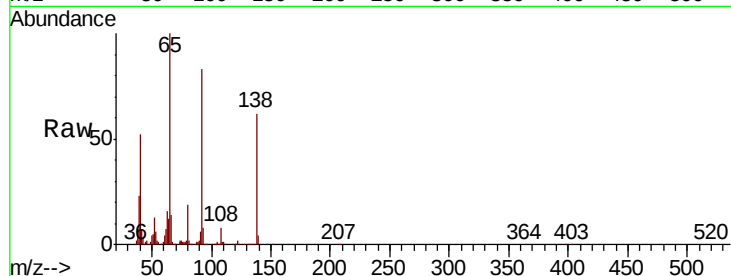




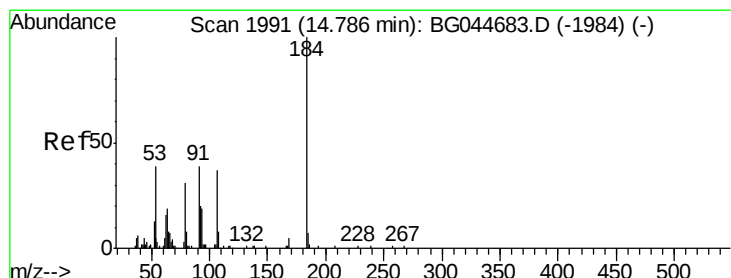
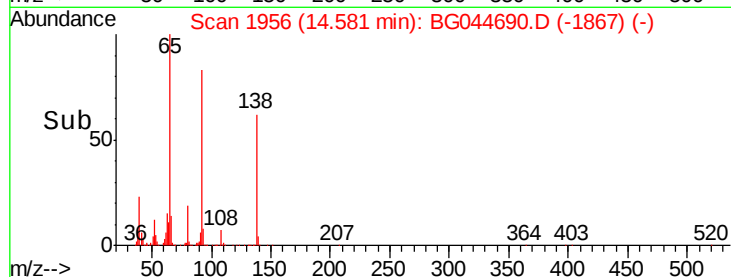
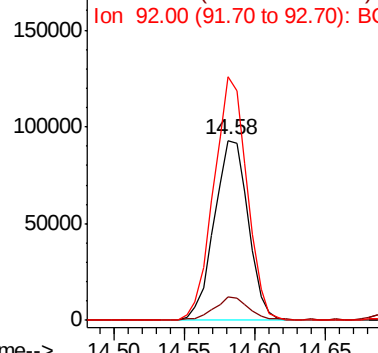
#53
3-Nitroaniline
Concen: 42.634 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 157020
Ion Ratio Lower Upper
138 100
108 13.2 12.2 18.4
92 135.3 105.1 157.7

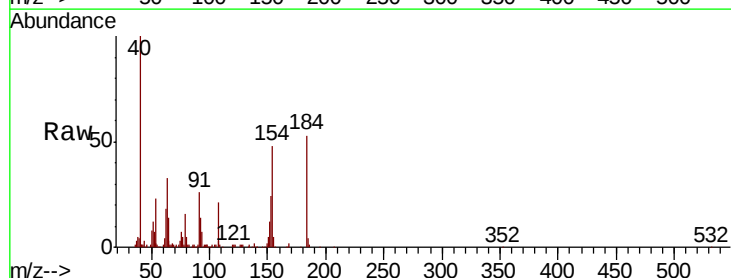


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

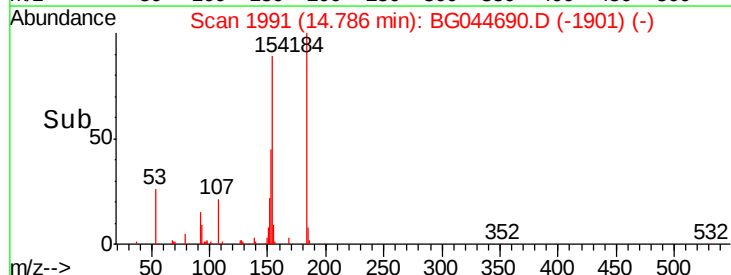
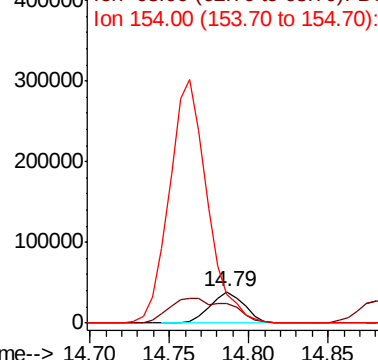


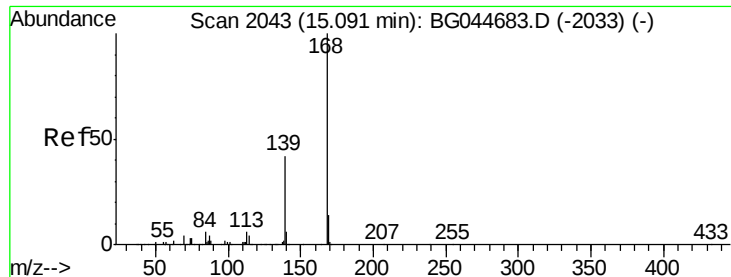
#54
2,4-Dinitrophenol
Concen: 38.468 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion:184 Resp: 59066
Ion Ratio Lower Upper
184 100
63 62.0 42.4 63.6
154 89.3 75.0 112.4



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

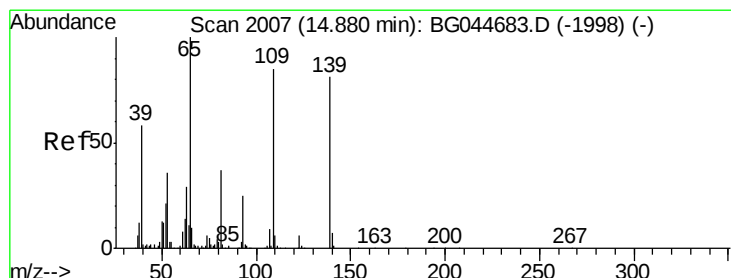
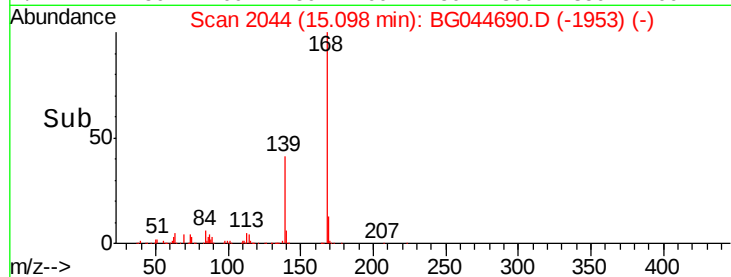
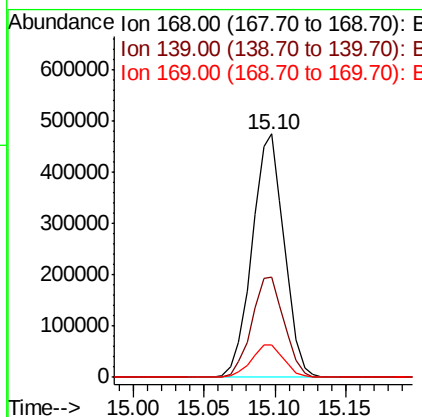
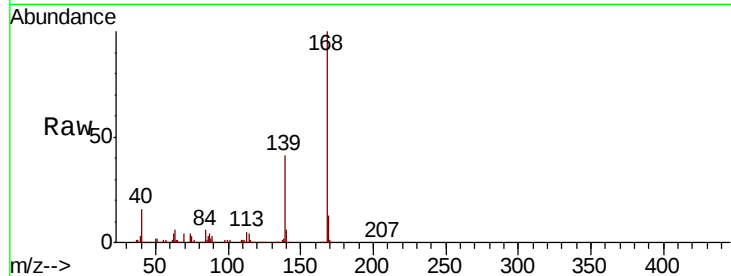




#55
Dibenzofuran
Concen: 37.491 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

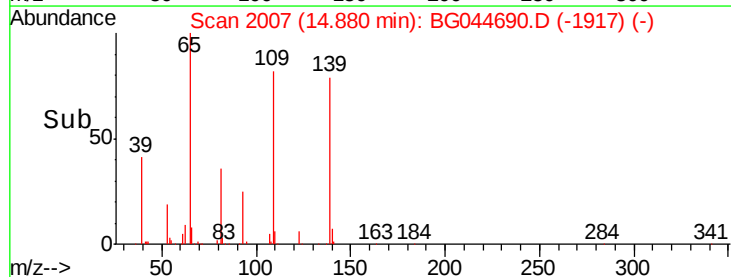
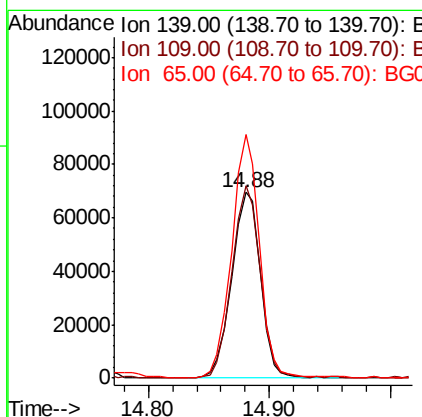
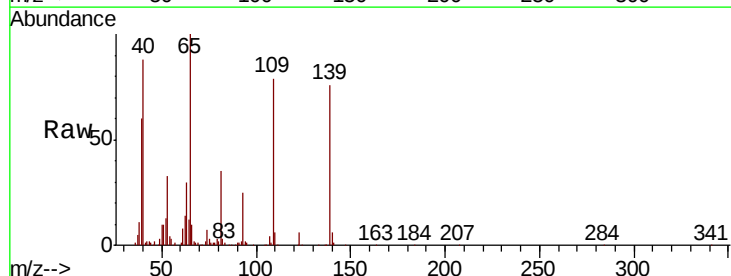
Instrument :
BNA_G
ClientSampleId :

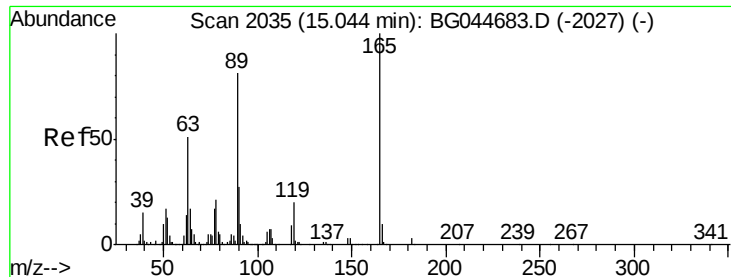
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.1	33.8	50.6
169	13.3	11.0	16.4



#56
4-Nitrophenol
Concen: 40.404 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.8	86.0	126.0
65	131.0	104.5	144.5

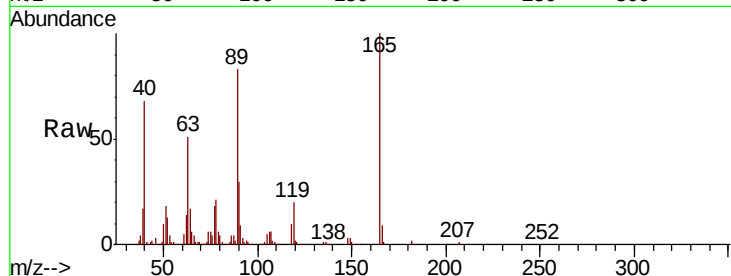




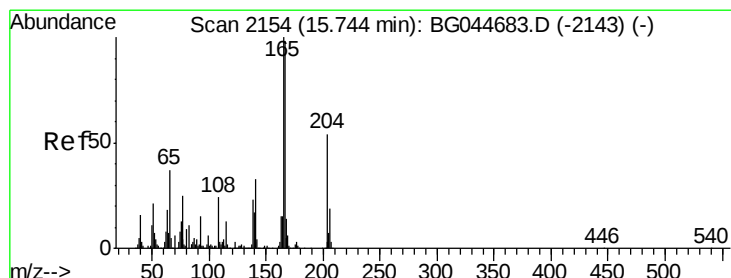
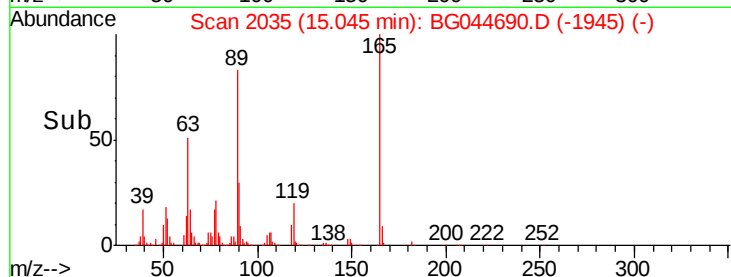
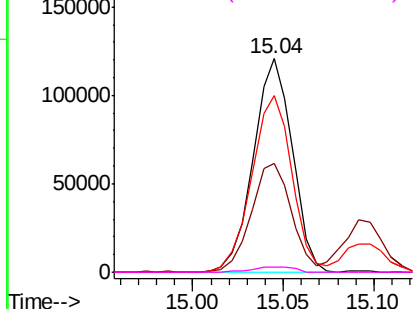
#57
 2,4-Dinitrotoluene
 Concen: 40.336 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.0	40.6	61.0
89	82.8	65.0	97.6
182	2.2	2.4	3.6

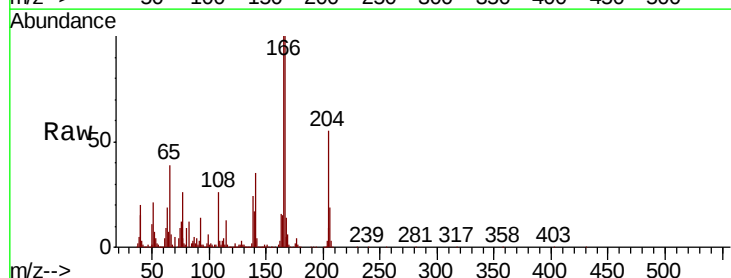


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

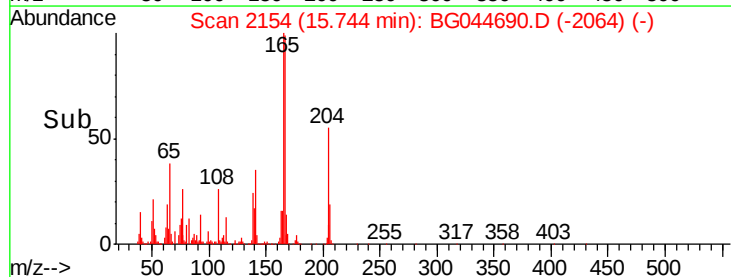
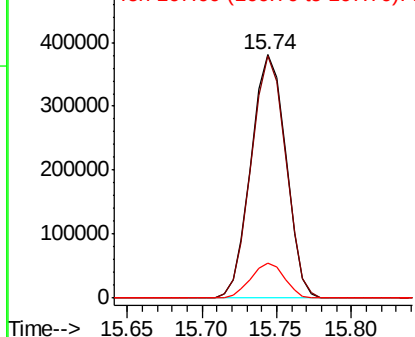


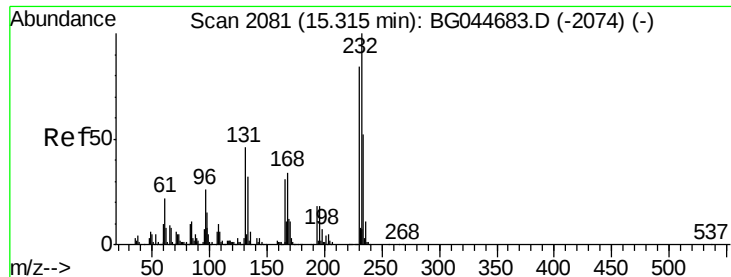
#58
 Fluorene
 Concen: 37.008 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.3	121.9
167	14.1	11.0	16.6



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

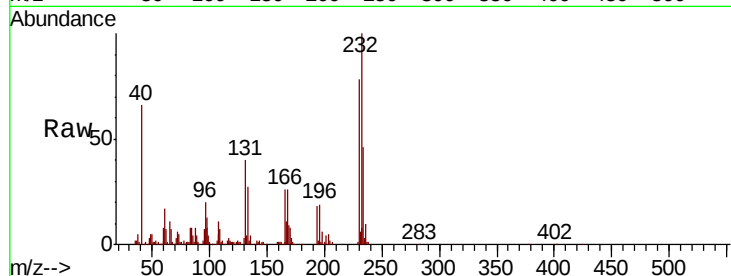




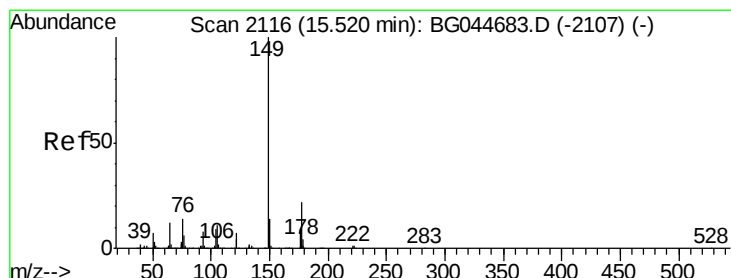
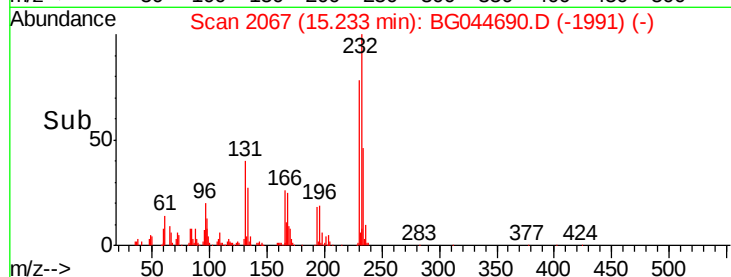
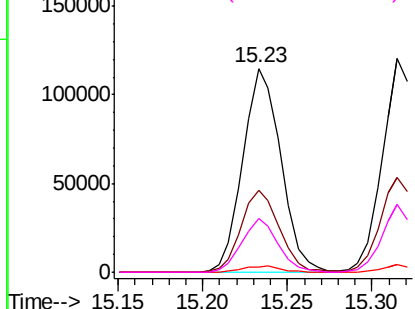
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.308 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.08 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	180025
Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.0	49.6
130	3.1	2.2	3.2
166	25.1	20.4	30.6

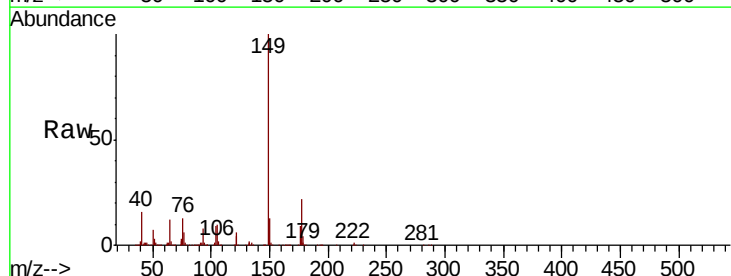


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

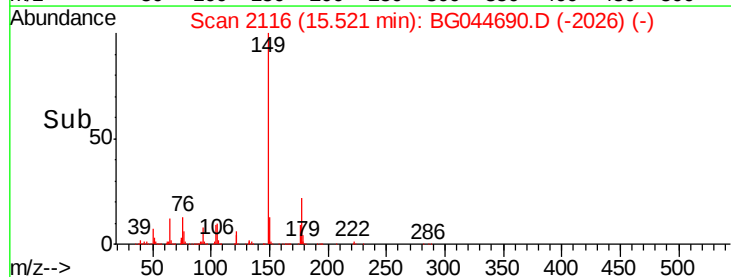
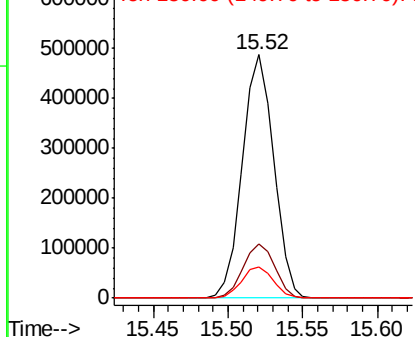


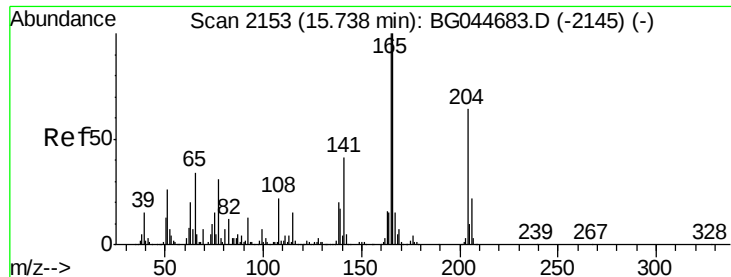
#60
 Diethylphthalate
 Concen: 37.318 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Tgt Ion:	149	Resp:	709596
Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.5	26.3
150	12.8	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

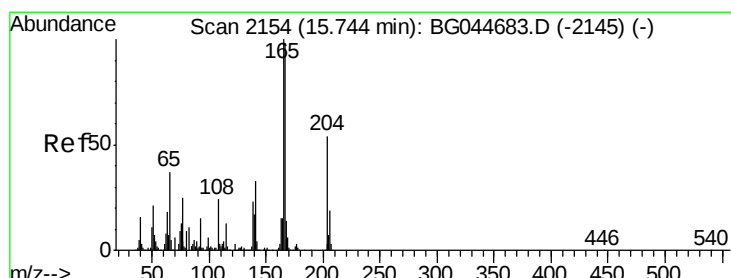
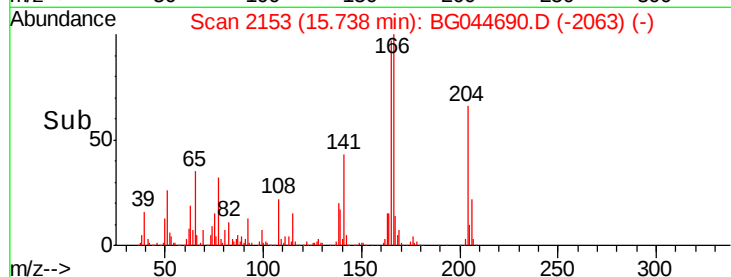
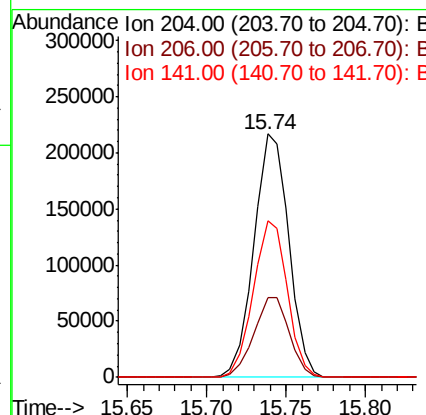
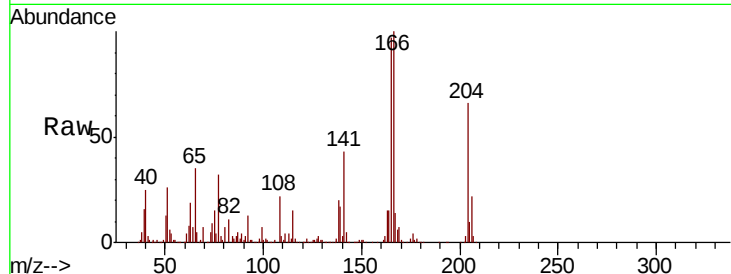




#61
4-Chlorophenyl-phenylether
Concen: 36.622 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

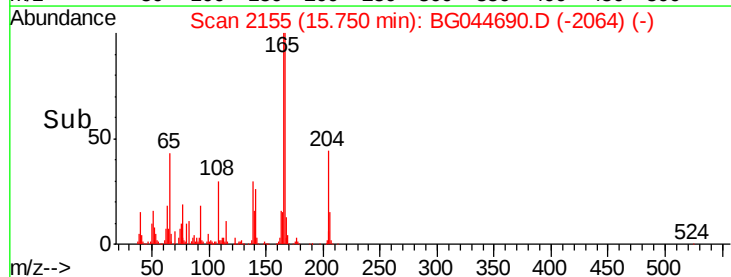
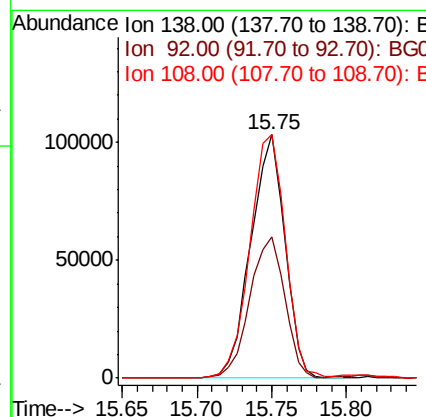
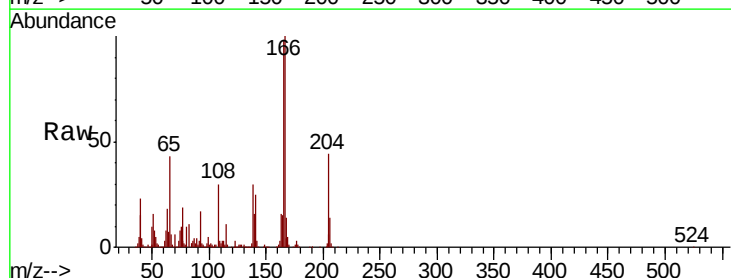
Instrument :
BNA_G
ClientSampleId :

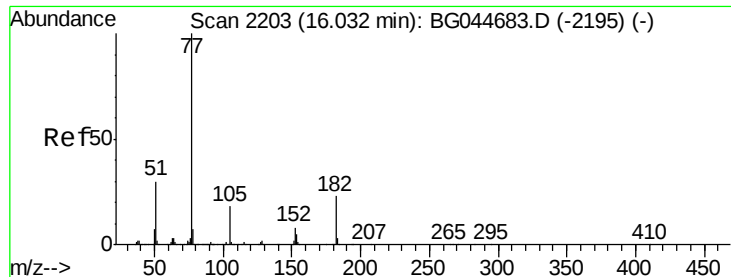
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.7	41.5
141	64.3	51.0	76.4



#62
4-Nitroaniline
Concen: 40.044 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.3	43.1	83.1
108	100.1	85.2	125.2





#63

Azobenzene

Concen: 37.158 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 739414

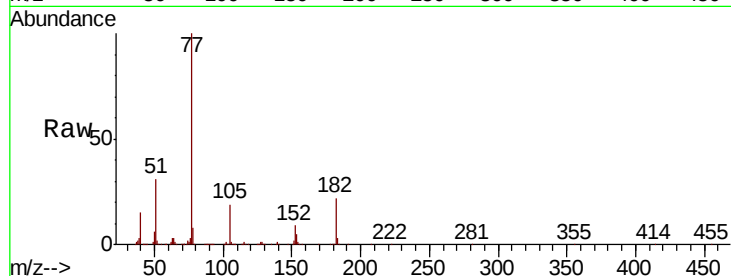
Ion Ratio Lower Upper

77 100

182 22.2 2.7 42.7

105 19.3 0.0 38.1

51 31.2 10.3 50.3

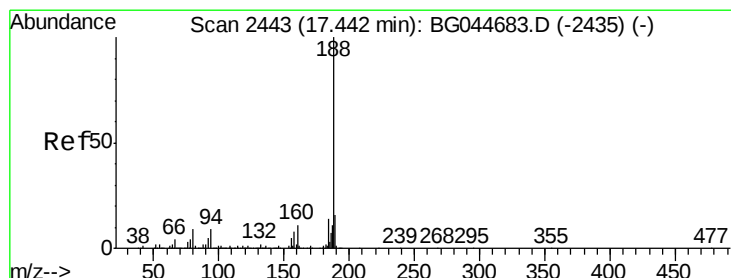
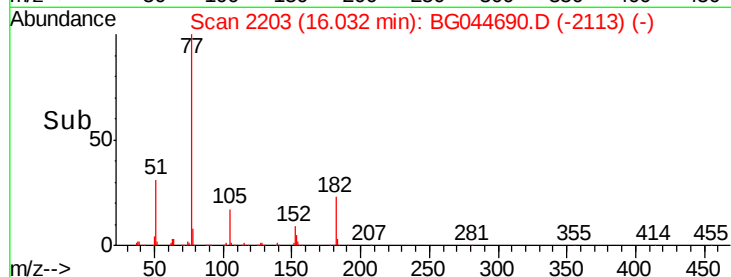
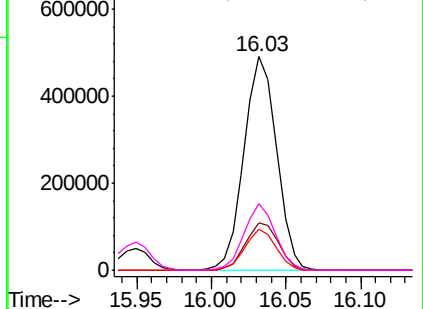


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

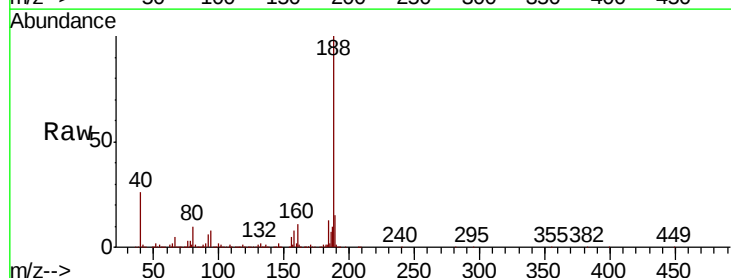
Tgt Ion: 188 Resp: 490217

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.0

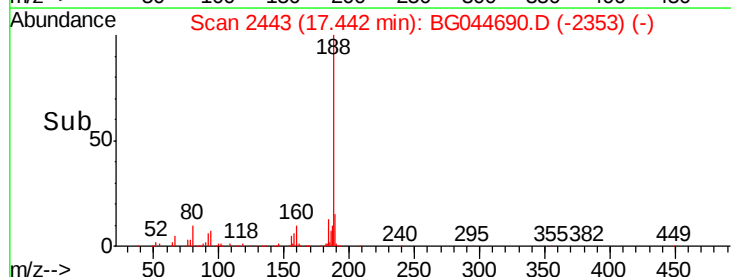
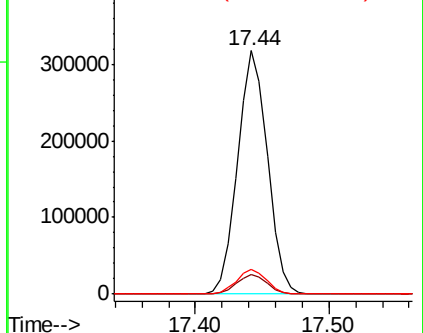
80 9.9 7.3 10.9

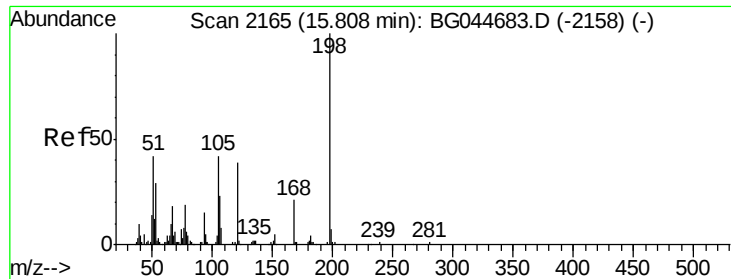


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

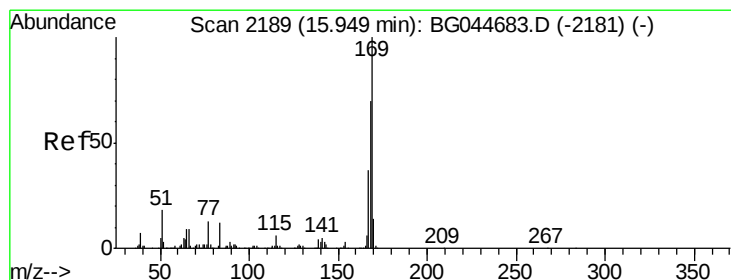
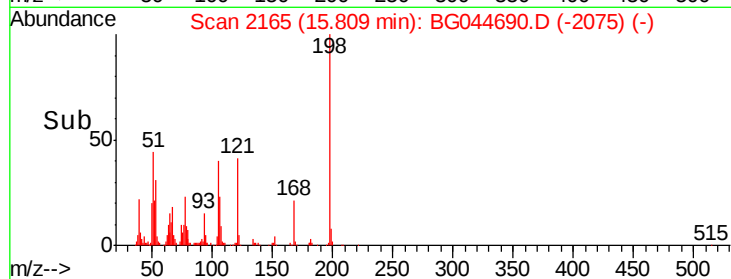
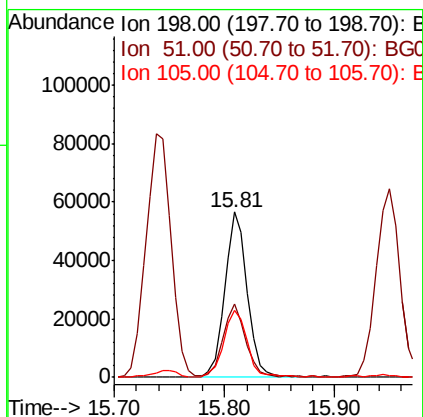
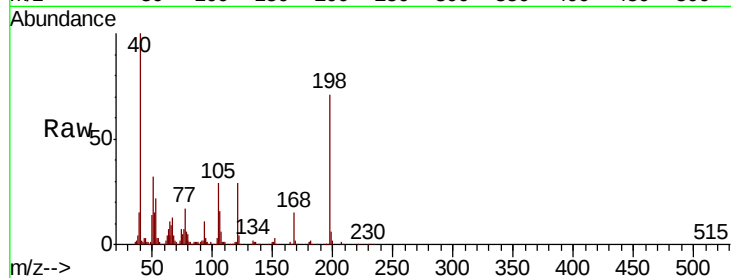




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.004 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

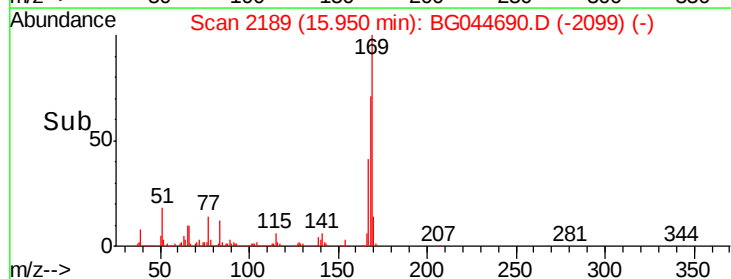
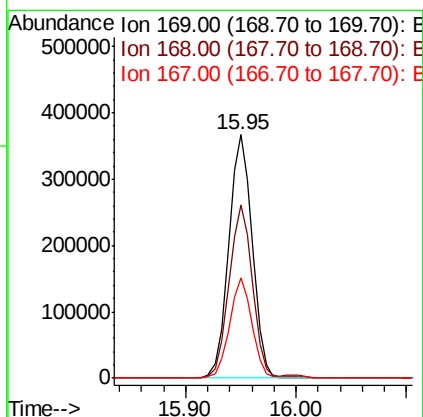
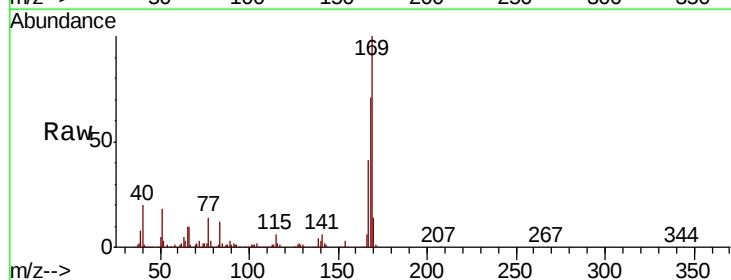
Instrument :
 BNA_G
 ClientSampled :

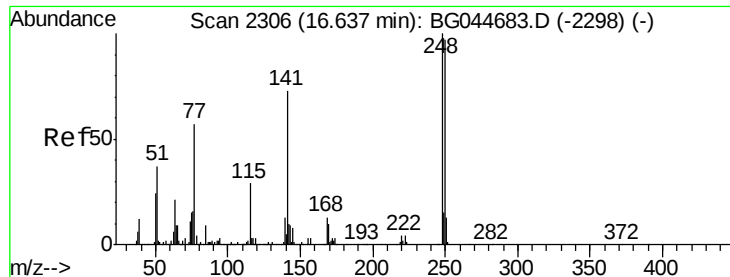
Tot Ion:198 Resp: 80324
 Ion Ratio Lower Upper
 198 100
 51 44.4 27.1 67.1
 105 40.9 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 36.487 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Tgt Ion:169 Resp: 546884
 Ion Ratio Lower Upper
 169 100
 168 71.1 56.2 84.2
 167 41.0 29.4 44.2

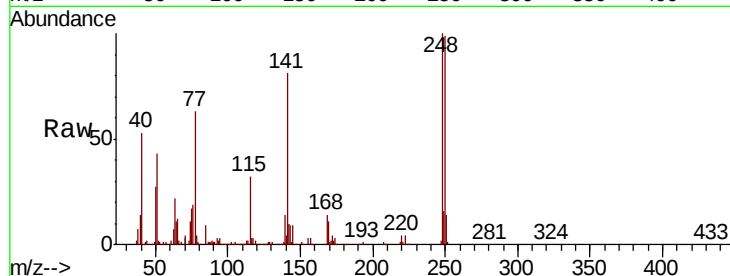




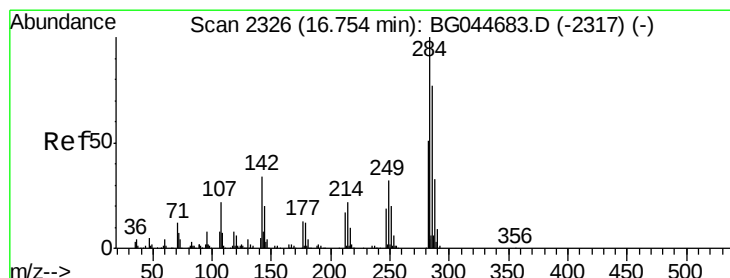
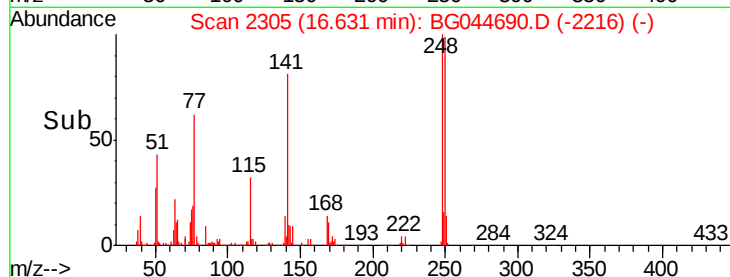
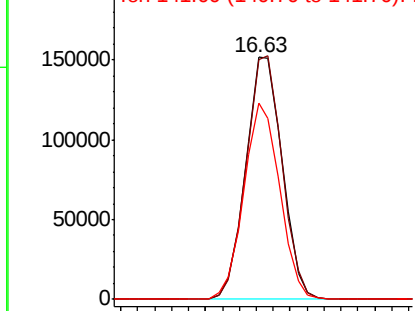
#67
4-Bromophenyl-phenylether
Concen: 36.940 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 228386
Ion Ratio Lower Upper
248 100
250 99.1 77.4 116.2
141 81.2 58.1 87.1

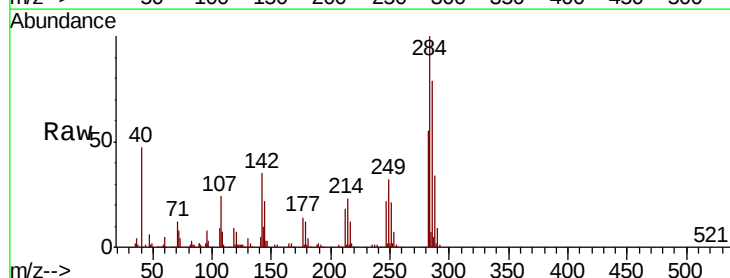


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

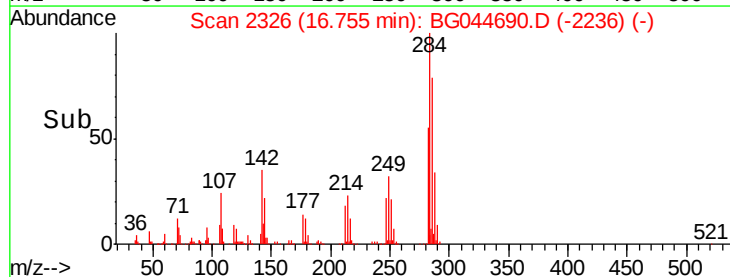
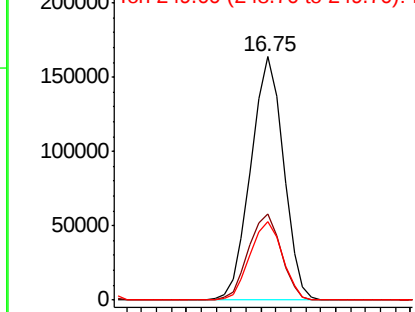


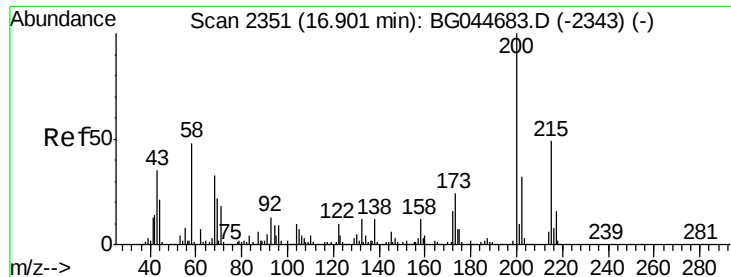
#68
Hexachlorobenzene
Concen: 37.159 ng
RT: 16.75 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion:284 Resp: 248065
Ion Ratio Lower Upper
284 100
142 35.4 27.2 40.8
249 32.2 25.7 38.5



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: 38.420 ng

RT: 16.90 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

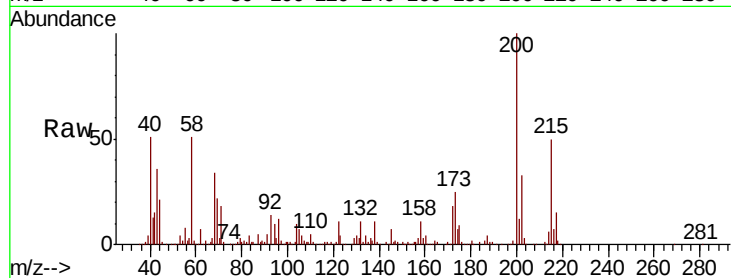
Tot Ion:200 Resp: 222542

Ion Ratio Lower Upper

200 100

173 24.9 4.0 44.0

215 50.1 29.1 69.1

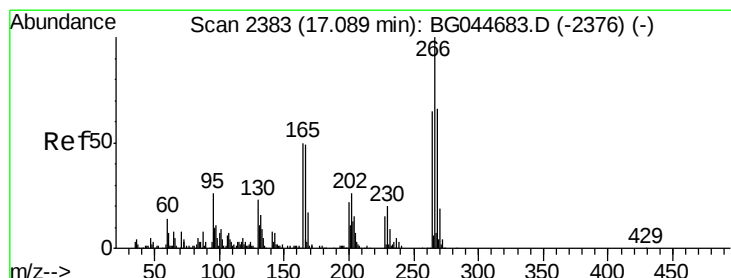
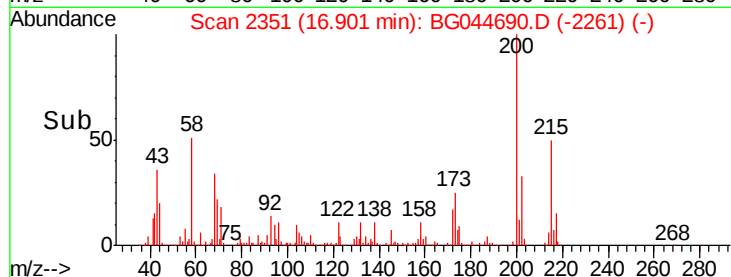
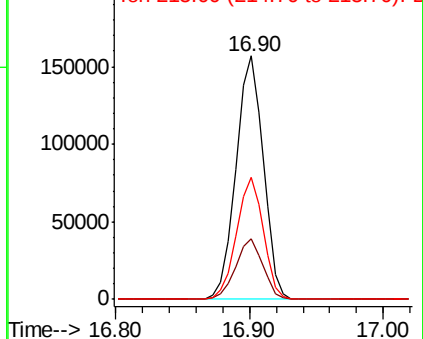


Abundance

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: 38.849 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

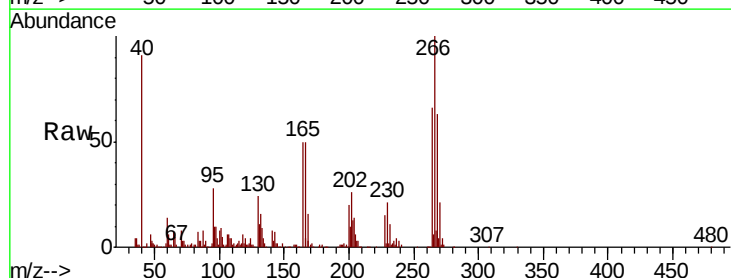
Tgt Ion:266 Resp: 147167

Ion Ratio Lower Upper

266 100

268 62.7 52.7 79.1

264 65.5 52.3 78.5

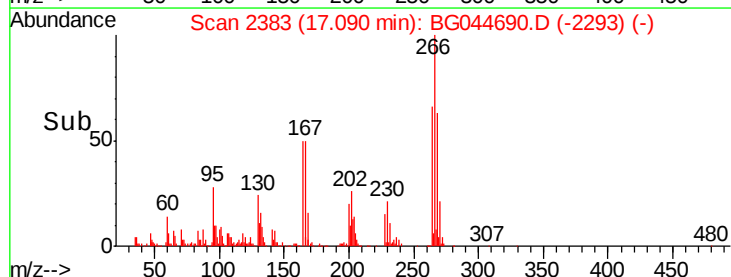
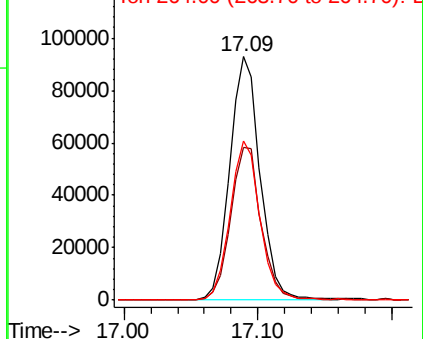


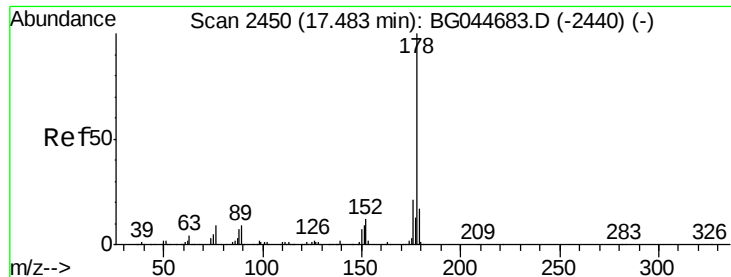
Abundance

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

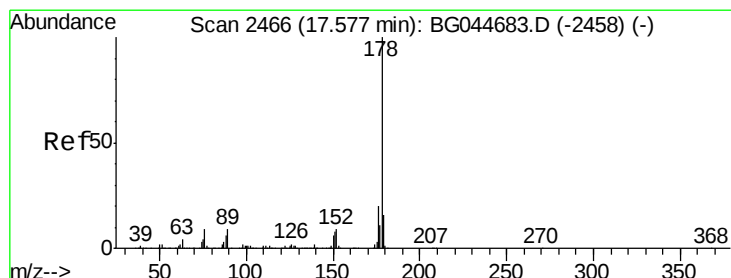
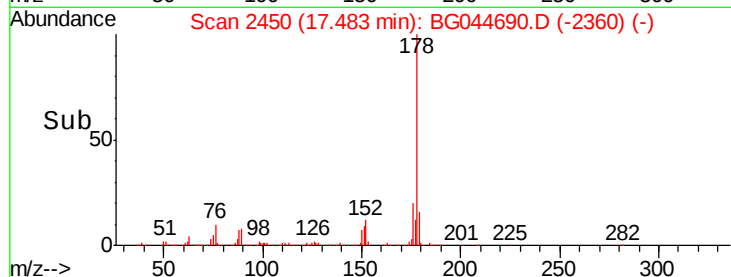
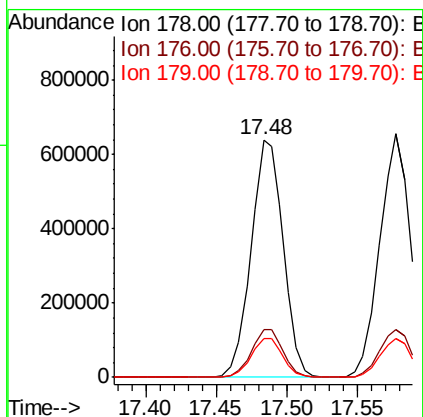
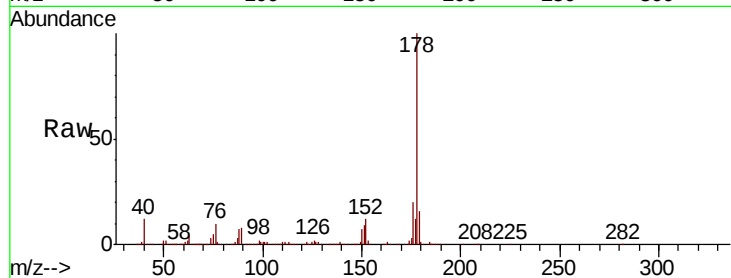




#71
Phenanthrene
Concen: 37.835 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

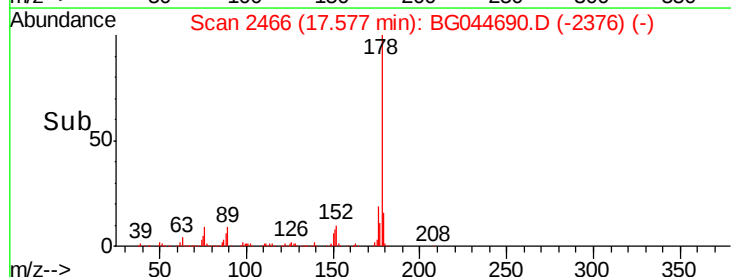
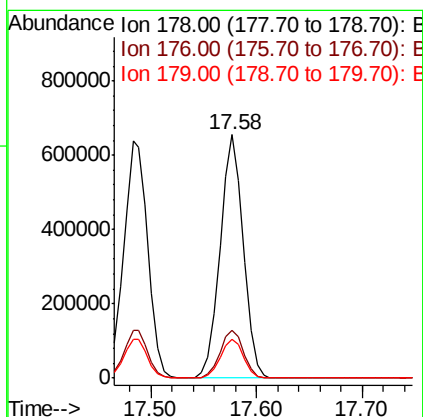
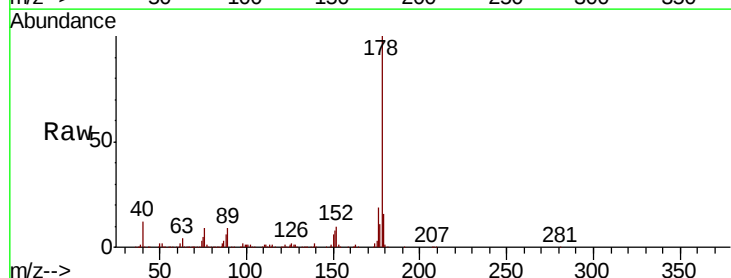
Instrument :
BNA_G
ClientSampleId :

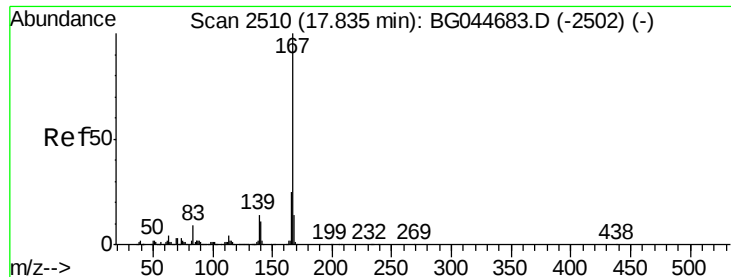
Tot Ion:178 Resp: 1016989
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 16.3 13.8 20.8



#72
Anthracene
Concen: 37.543 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion:178 Resp: 993943
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 16.0 12.6 19.0

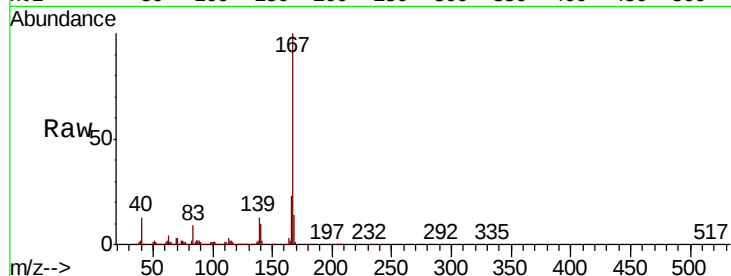




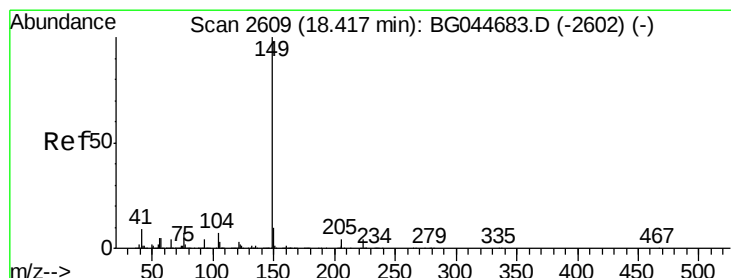
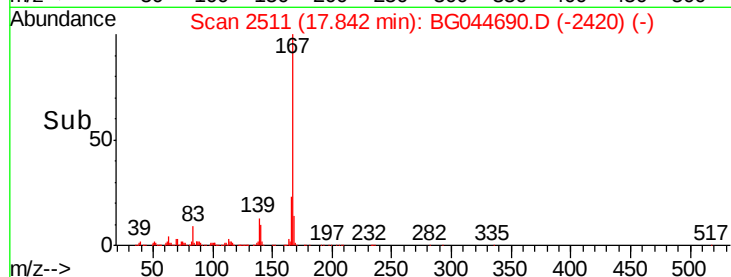
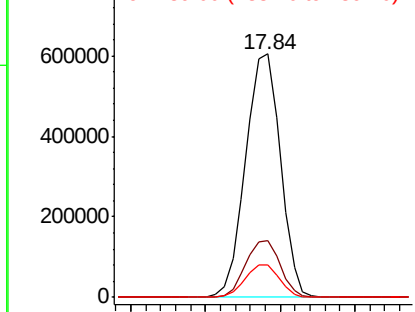
#73
 Carbazole
 Concen: 38.410 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 973889
 Ion Ratio Lower Upper
 167 100
 166 23.1 20.0 30.0
 139 13.4 11.3 16.9

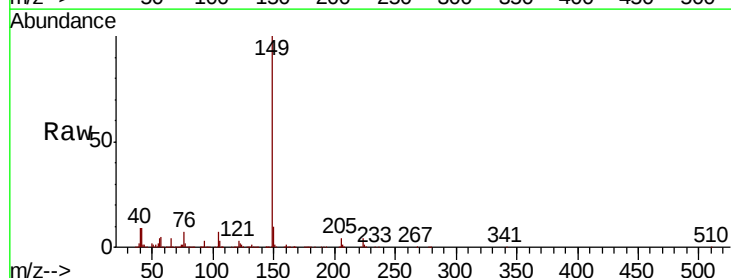


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

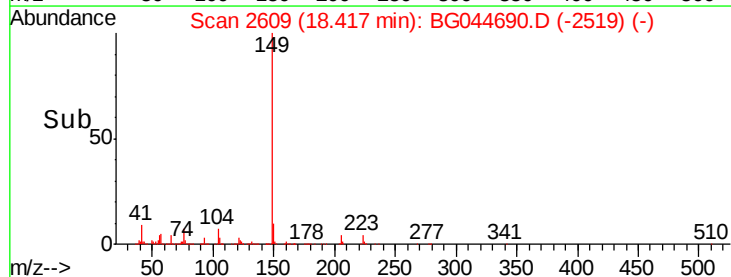
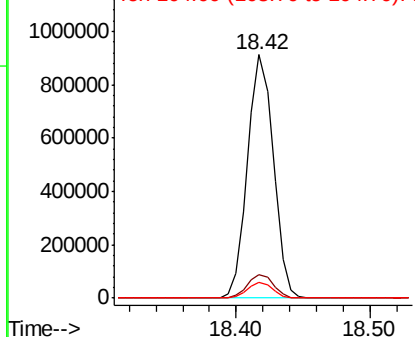


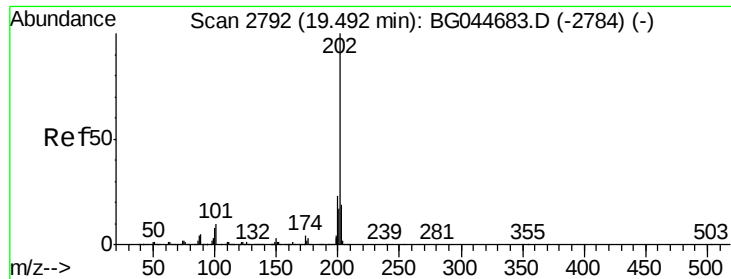
#74
 Di-n-butylphthalate
 Concen: 37.981 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG044690.D
 Acq: 6 Mar 2020 9:58

Tgt Ion:149 Resp: 1212828
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.0 12.0
 104 6.6 5.5 8.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.014 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

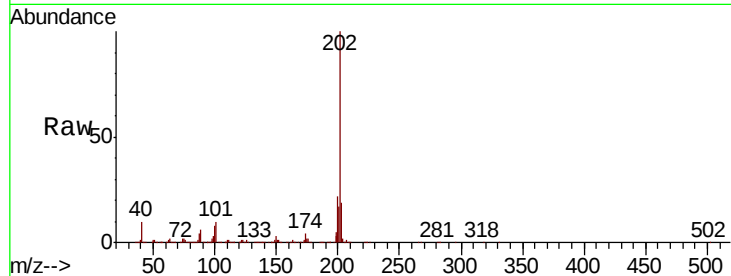
Tot Ion:202 Resp: 1234941

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.3

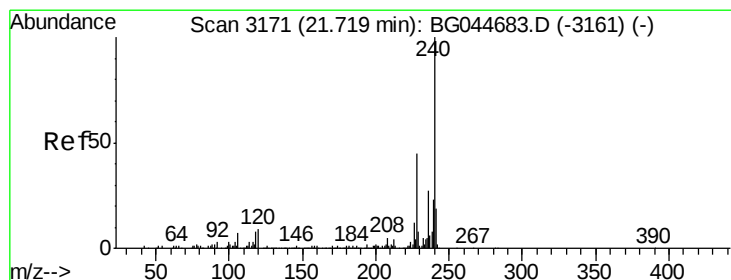
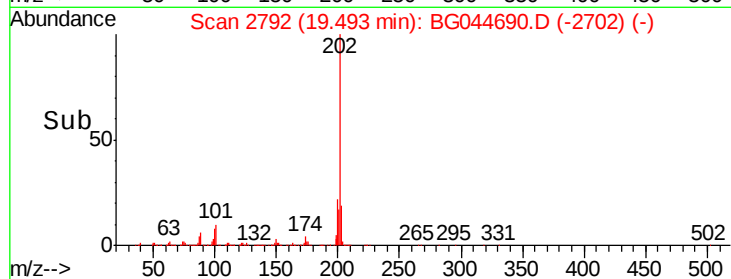
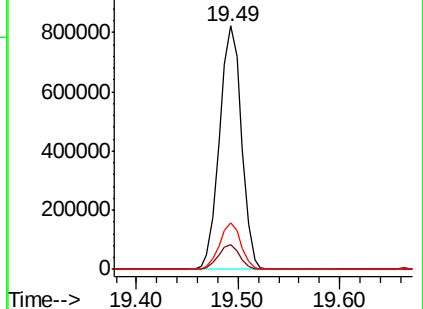
203 19.1 0.0 39.1



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: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

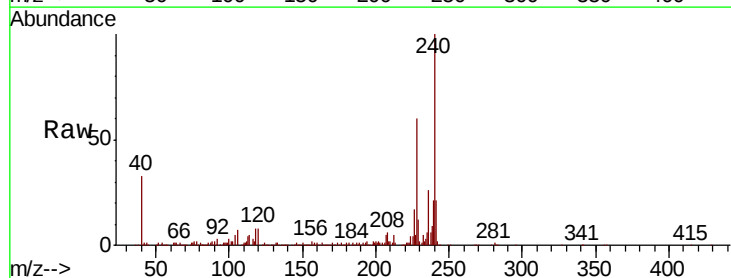
Tgt Ion:240 Resp: 426137

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

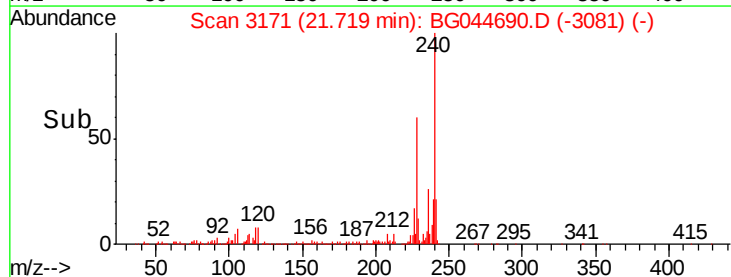
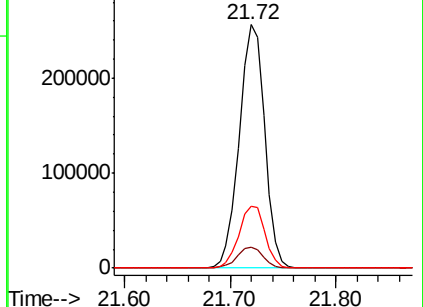
236 25.6 21.5 32.3

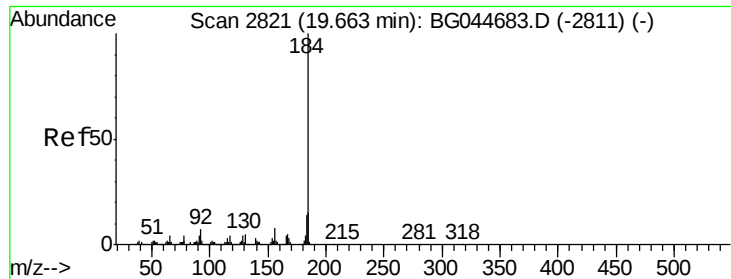


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.408 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

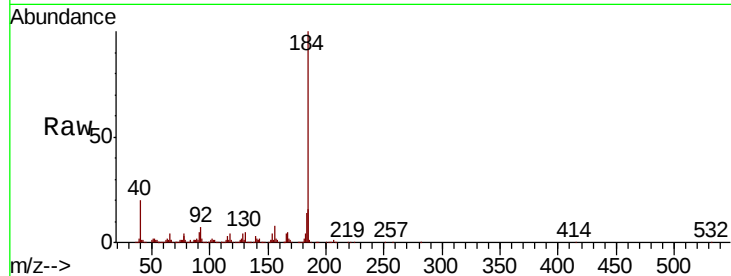
Tot Ion:184 Resp: 619329

Ion Ratio Lower Upper

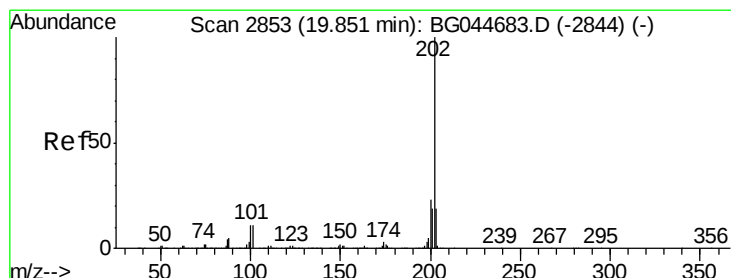
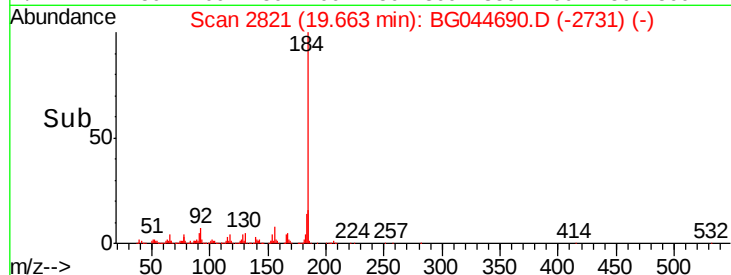
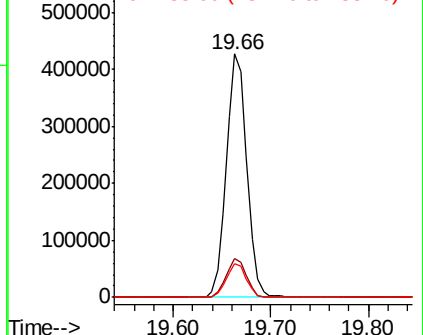
184 100

185 16.1 12.0 18.0

183 13.6 11.4 17.2



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



#78

Pyrene

Concen: 37.917 ng

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

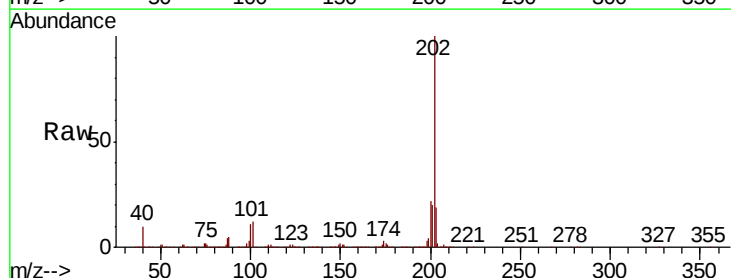
Tgt Ion:202 Resp: 1232426

Ion Ratio Lower Upper

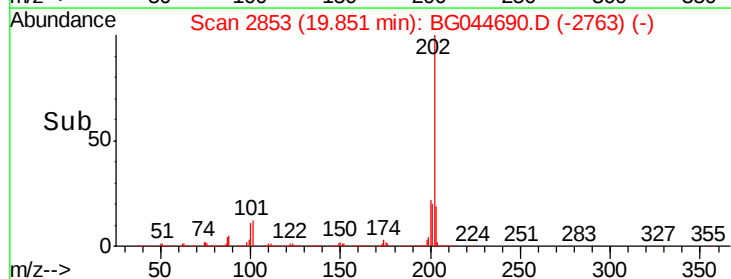
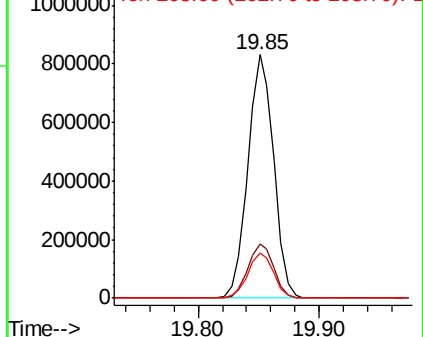
202 100

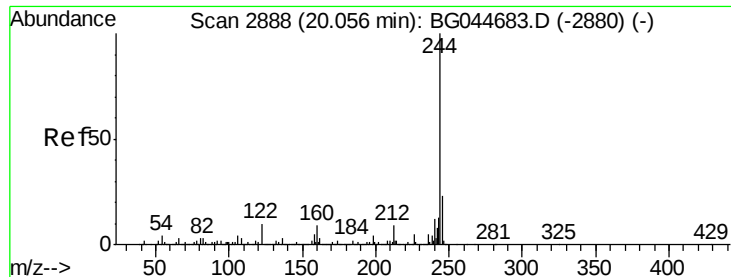
200 22.4 18.2 27.2

203 18.8 15.2 22.8



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: 75.648 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

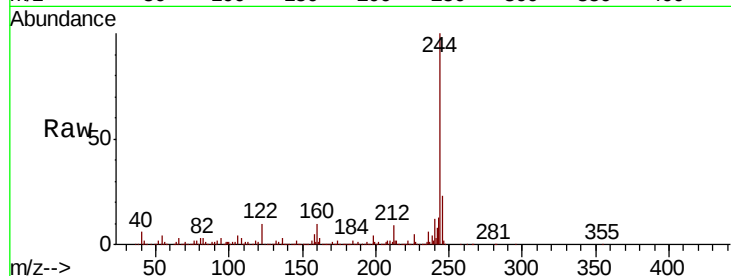
Tot Ion:244 Resp: 1805934

Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

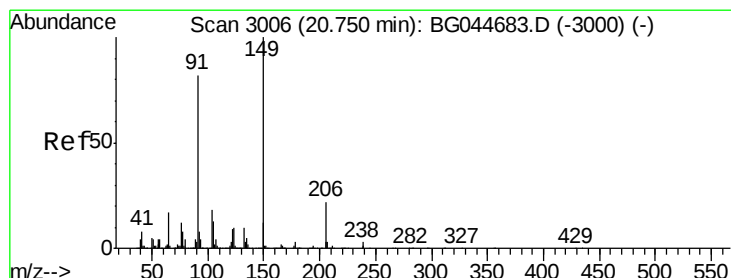
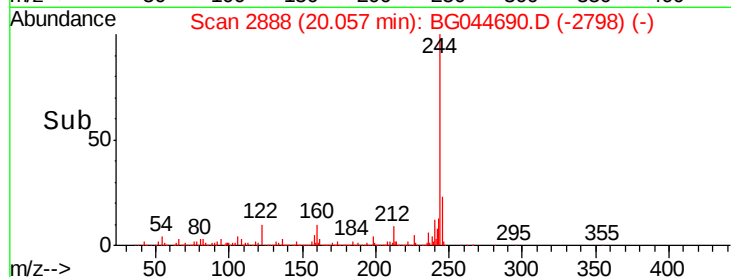
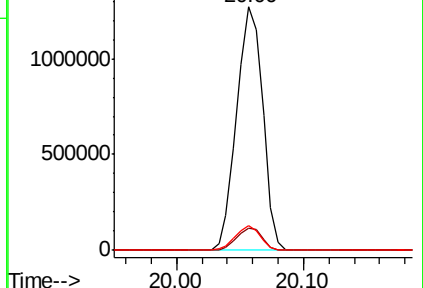
122 10.0 7.7 11.5



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: 37.591 ng

RT: 20.75 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

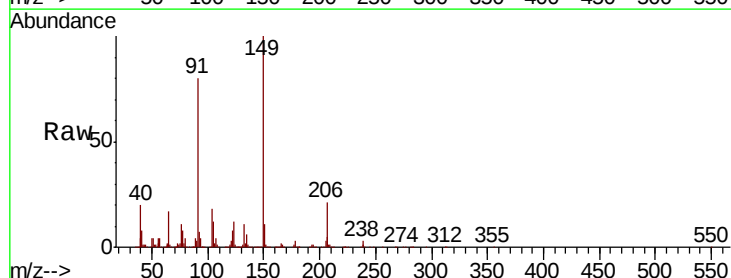
Tgt Ion:149 Resp: 545379

Ion Ratio Lower Upper

149 100

91 79.9 65.7 98.5

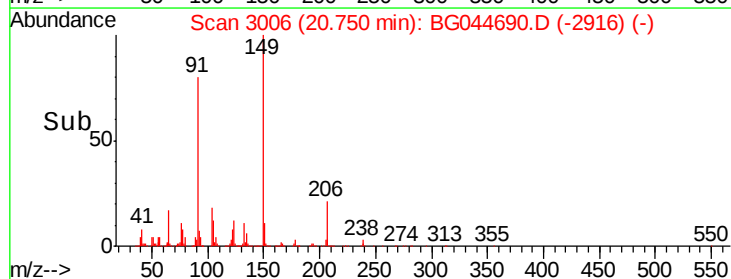
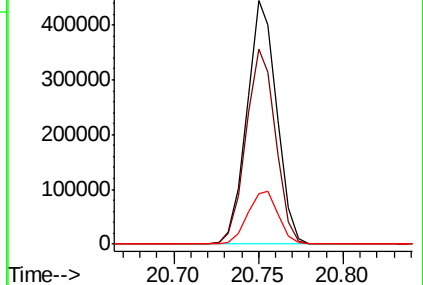
206 20.9 17.3 25.9

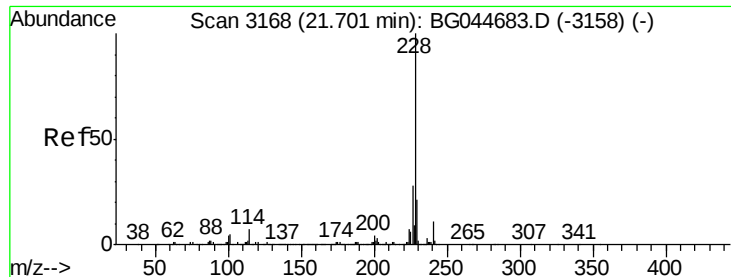


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

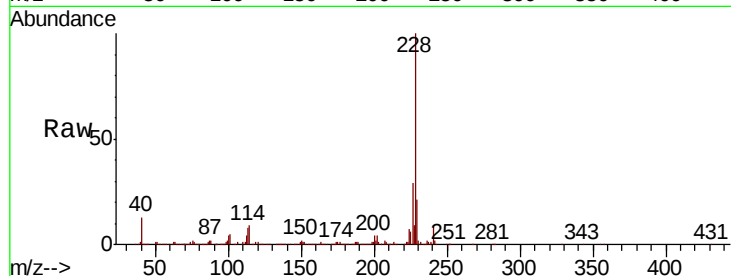




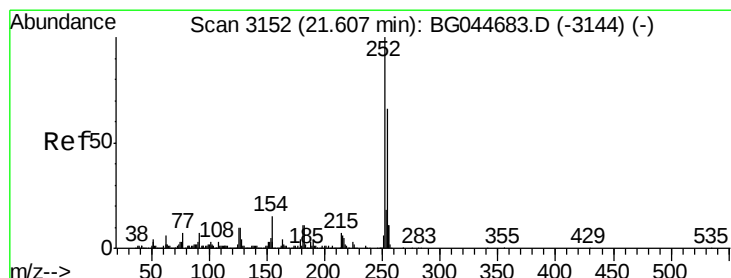
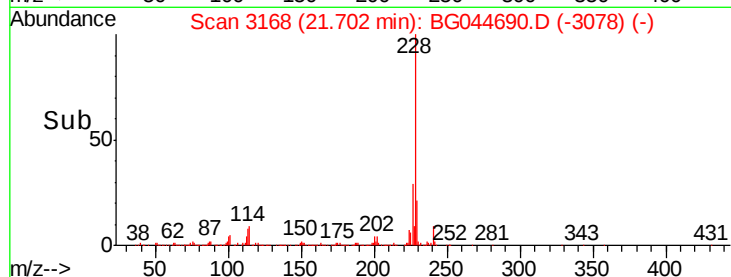
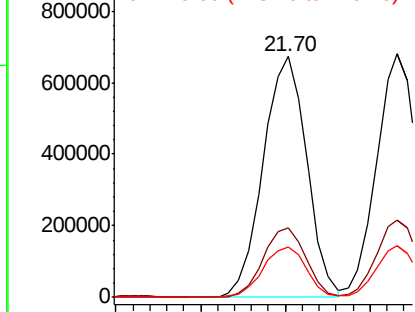
#81
Benzo(a)anthracene
Concen: 37.392 ng
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1194916
Ion Ratio Lower Upper
228 100
226 29.1 22.8 34.2
229 20.8 17.0 25.6

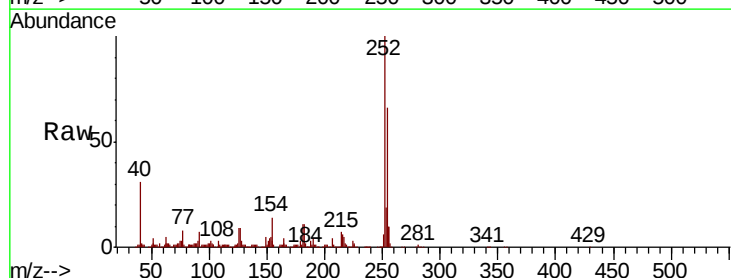


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

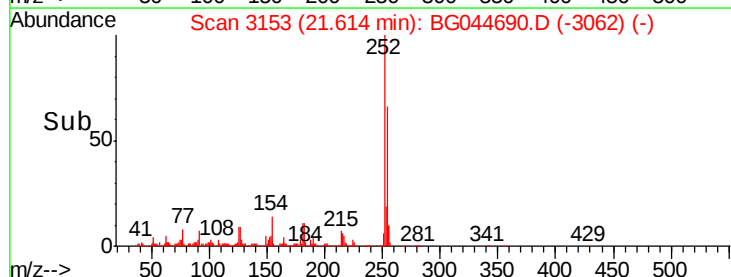
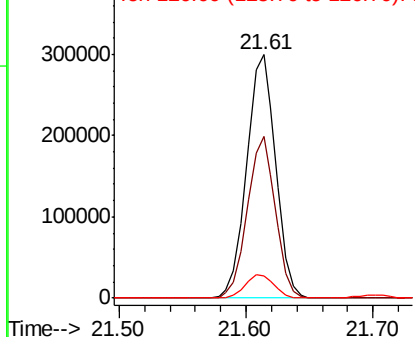


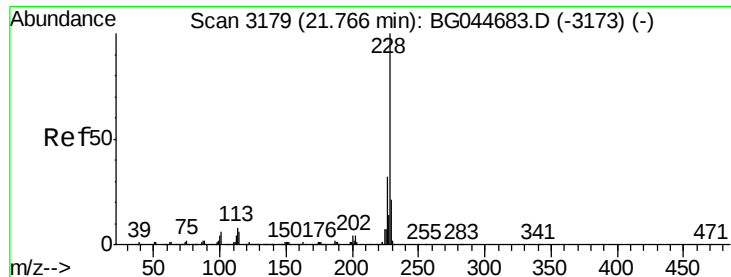
#82
3,3'-Dichlorobenzidine
Concen: 37.456 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.01 min
Lab File: BG044690.D
Acq: 6 Mar 2020 9:58

Tgt Ion:252 Resp: 476577
Ion Ratio Lower Upper
252 100
254 66.4 52.6 79.0
126 9.3 7.8 11.6



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: 37.313 ng

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

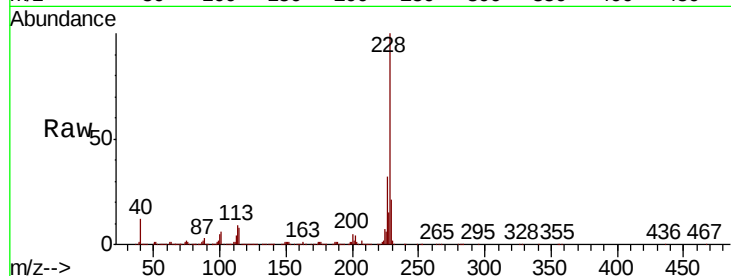
Tot Ion:228 Resp: 1134984

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.8	38.6
229	21.4	16.6	25.0

228 100

226 31.5 25.8 38.6

229 21.4 16.6 25.0

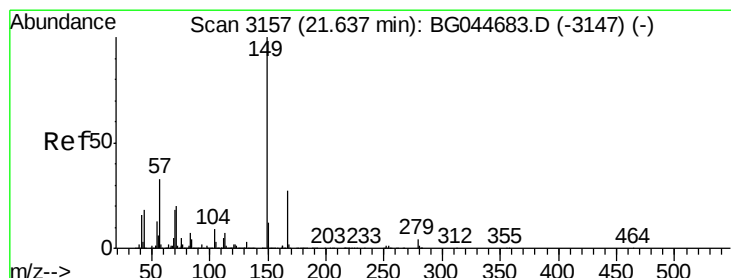
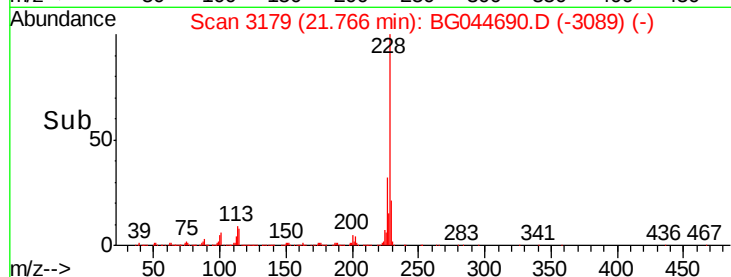
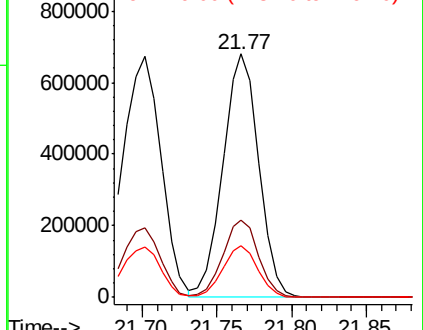


Abundance

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: 37.817 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

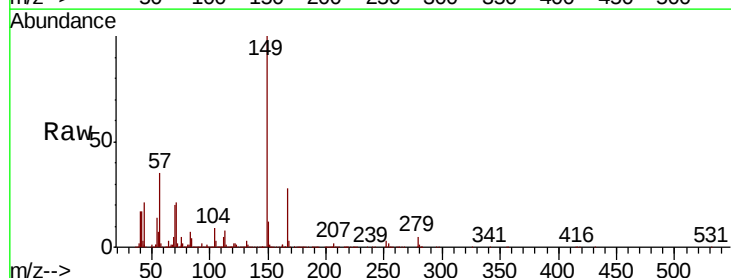
Tgt Ion:149 Resp: 765105

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.3	31.9
279	4.8	3.6	5.4

149 100

167 27.6 21.3 31.9

279 4.8 3.6 5.4

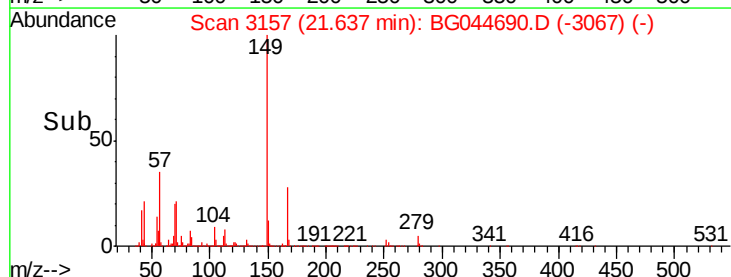
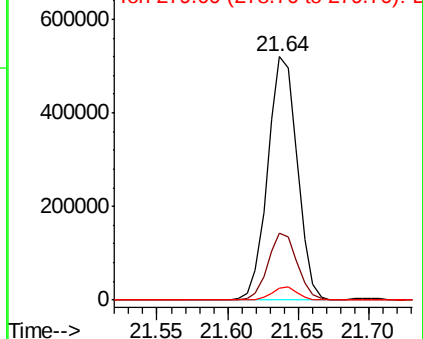


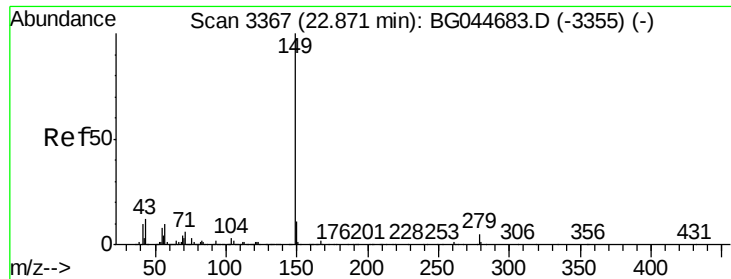
Abundance

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: 37.728 ng

RT: 22.87 min Scan# 3367

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

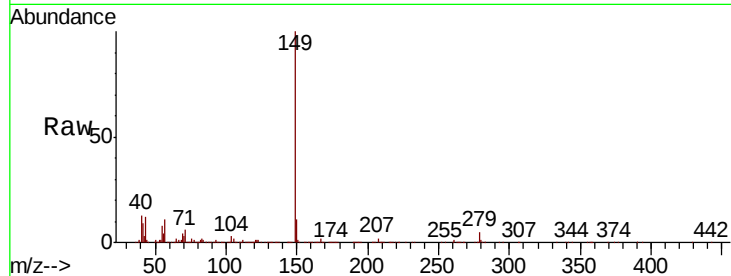
Tot Ion:149 Resp: 1310815

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

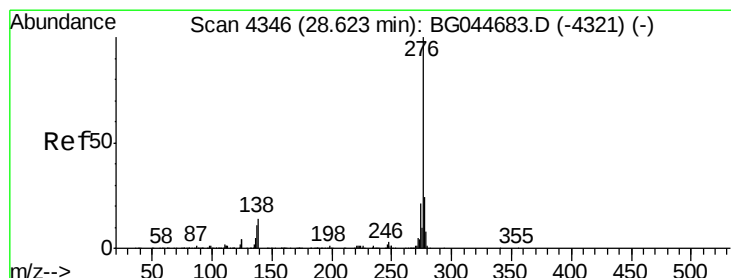
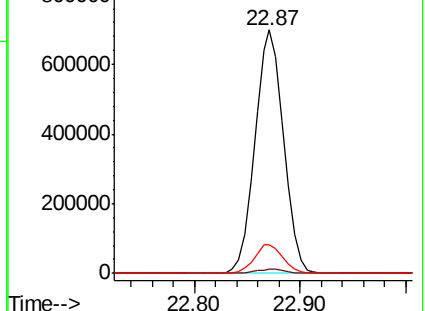
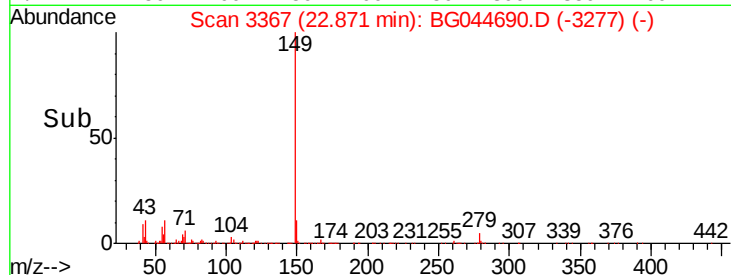
43 11.6 9.5 14.3



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: 37.584 ng

RT: 28.63 min Scan# 4347

Delta R.T. 0.01 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

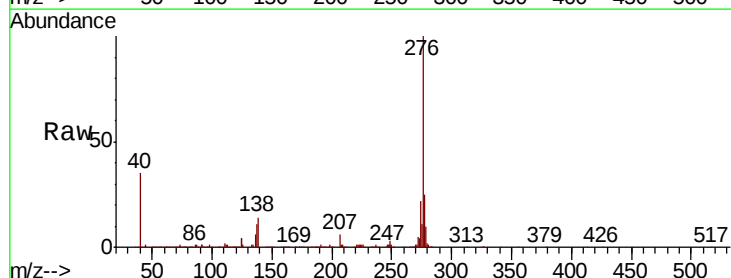
Tgt Ion:276 Resp: 1509824

Ion Ratio Lower Upper

276 100

138 12.7 9.5 14.3

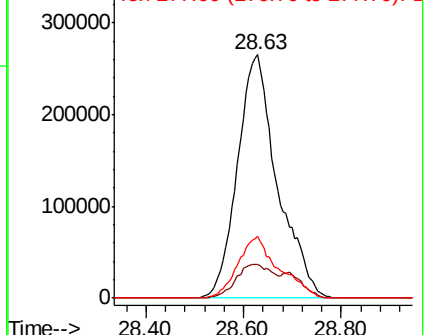
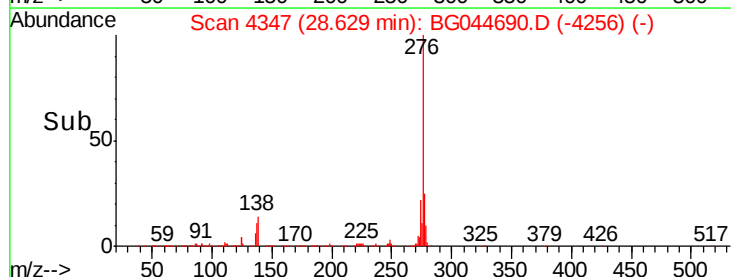
277 25.9 20.6 30.8

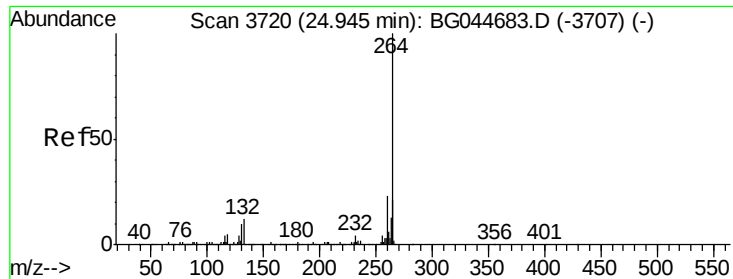


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.95 min Scan# 3720

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

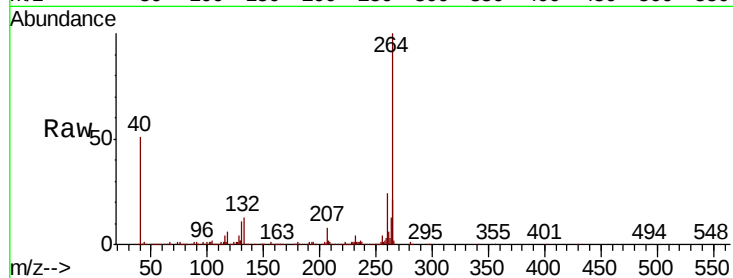
Tot Ion:264 Resp: 508093

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.1 16.9 25.3

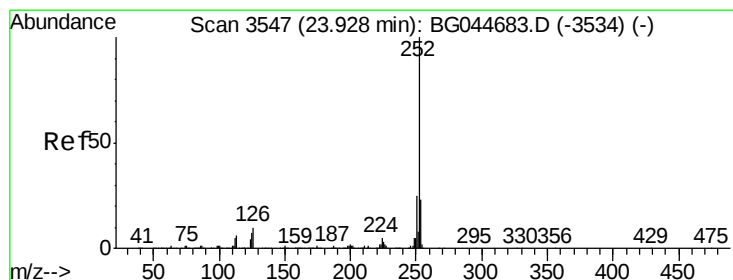
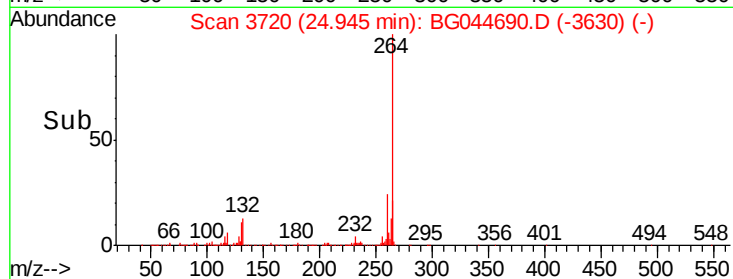
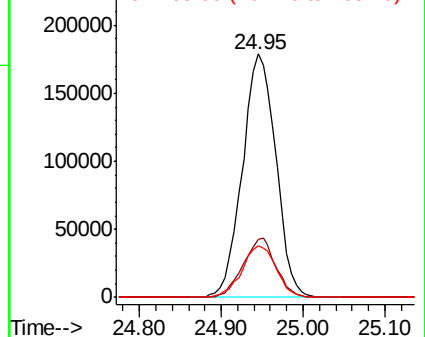


Abundance

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: 37.435 ng

RT: 23.93 min Scan# 3547

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

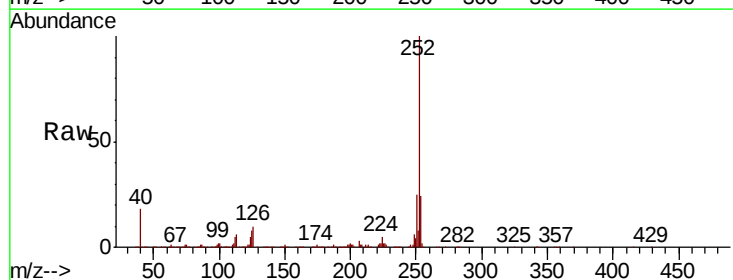
Tgt Ion:252 Resp: 1294525

Ion Ratio Lower Upper

252 100

253 23.6 18.1 27.1

125 8.3 5.6 8.4

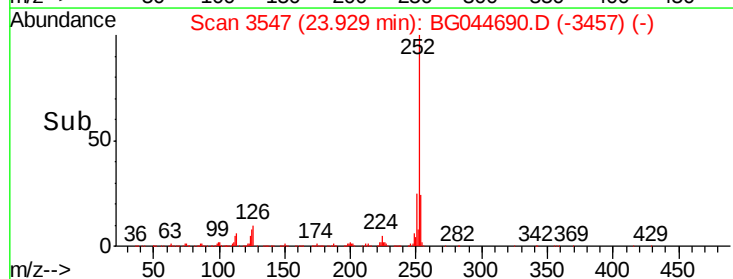
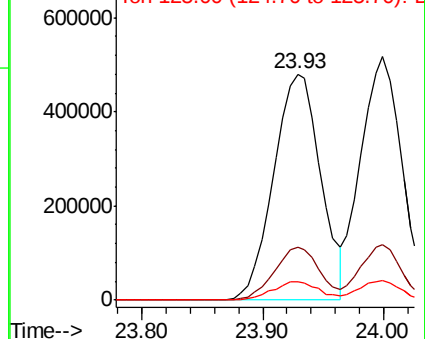


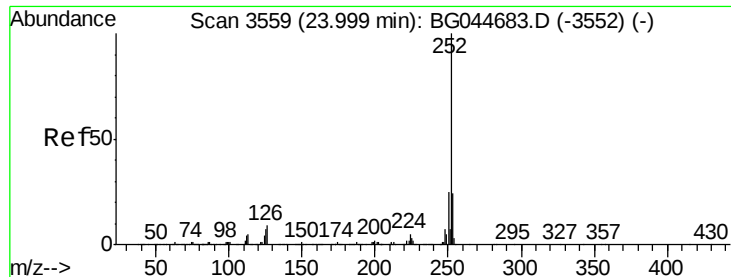
Abundance

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: 37.491 ng

RT: 24.00 min Scan# 3559

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

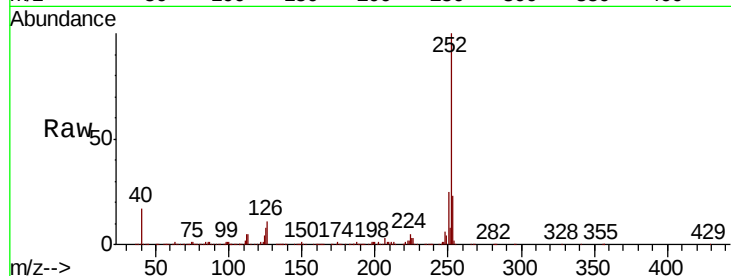
Tot Ion:252 Resp: 1215227

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

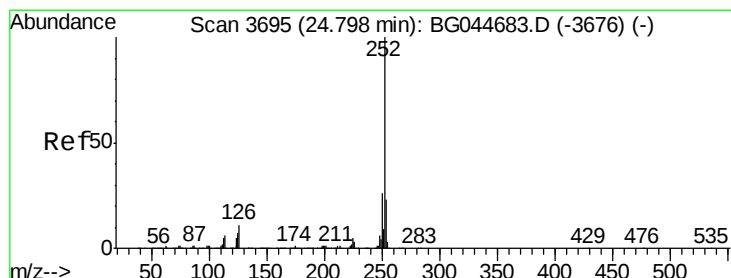
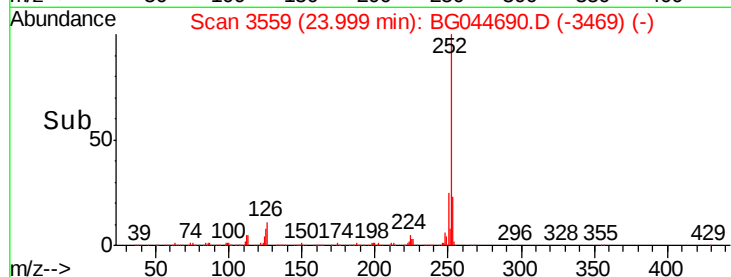
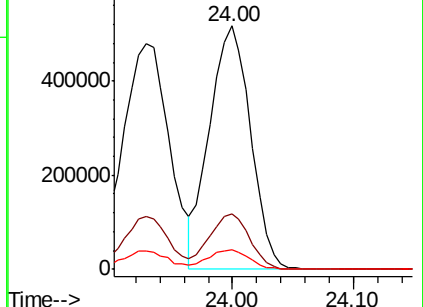
125 7.9 5.8 8.8



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: 37.580 ng

RT: 24.80 min Scan# 3695

Delta R.T. 0.00 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

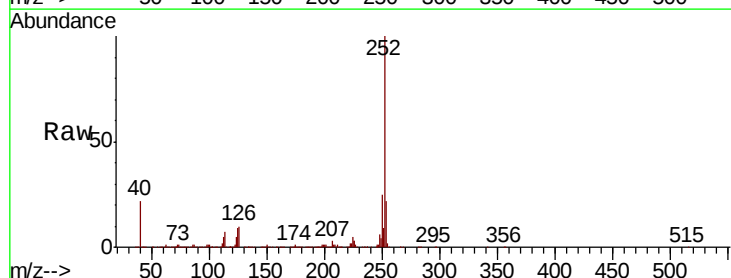
Tgt Ion:252 Resp: 1210333

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

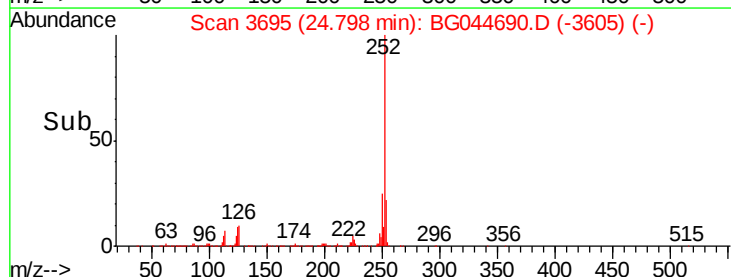
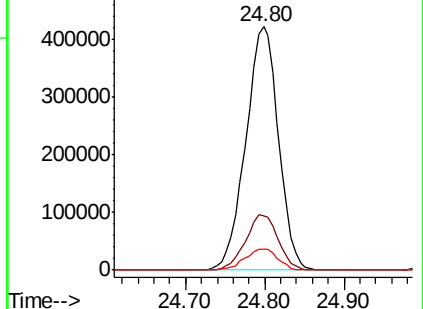
125 8.8 6.0 9.0

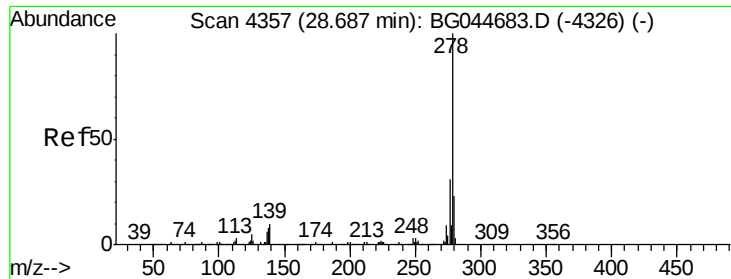


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.313 ng

RT: 28.69 min Scan# 4358

Delta R.T. 0.01 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

Instrument :

BNA_G

ClientSampleId :

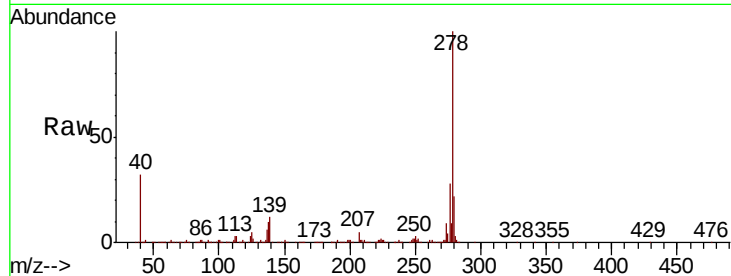
Tot Ion:278 Resp: 1198322

Ion Ratio Lower Upper

278 100

139 12.2 8.4 12.6

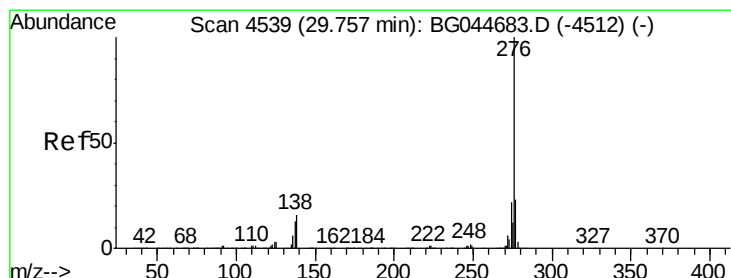
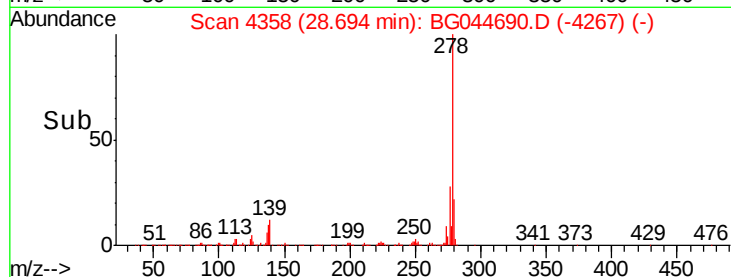
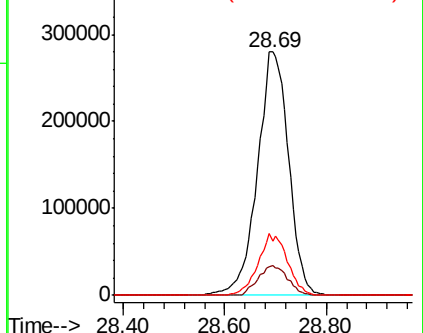
279 22.2 18.2 27.2



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: 37.600 ng

RT: 29.77 min Scan# 4541

Delta R.T. 0.01 min

Lab File: BG044690.D

Acq: 6 Mar 2020 9:58

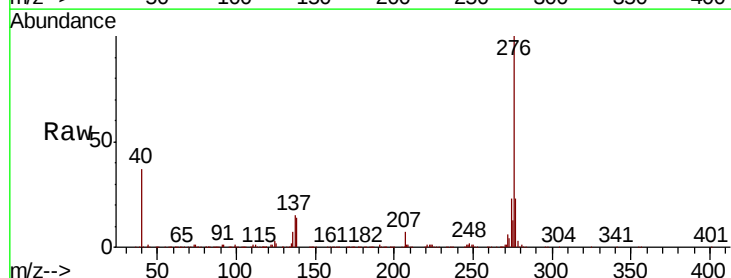
Tgt Ion:276 Resp: 1209569

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 14.4 12.7 19.1



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

