

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042557.D
 Acq On : 29 Aug 2019 9:49
 Operator : HP/JU
 Sample : PB122640BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 12:16:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32747	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	132353	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	96984	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	229909	20.00	ng	0.00
76) Chrysene-d12	21.69	240	263014	20.00	ng	0.00
87) Perylene-d12	24.93	264	299407	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	186554	115.38	ng	0.00
7) Phenol-d6	7.17	99	231316	105.91	ng	0.00
23) Nitrobenzene-d5	9.17	82	124350	64.93	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	149599	108.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	395963	69.05	ng	0.00
79) Terphenyl-d14	20.02	244	812971	66.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	25220	37.376	ng	# 95
3) Pyridine	3.82	79	53719	31.047	ng	97
4) n-Nitrosodimethylamine	3.74	42	26824	43.406	ng	97
6) Aniline	7.32	93	85398	29.315	ng	98
8) 2-Chlorophenol	7.57	128	84519	43.131	ng	98
9) Benzaldehyde	7.13	77	48481	44.338	ng	100
10) Phenol	7.20	94	92110	41.479	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	65592	37.610	ng	99
12) 1,3-Dichlorobenzene	7.89	146	96799	38.831	ng	97
13) 1,4-Dichlorobenzene	8.04	146	99239	39.302	ng	97
14) 1,2-Dichlorobenzene	8.36	146	94656	39.145	ng	99
15) Benzyl Alcohol	8.24	79	62229	39.603	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	83113	35.161	ng	97
17) 2-Methylphenol	8.45	107	67003	40.965	ng	94
18) Hexachloroethane	9.10	117	32813	37.959	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	50738	35.858	ng	92
20) 3+4-Methylphenols	8.78	107	88873	39.267	ng	98
22) Acetophenone	8.83	105	113784	40.195	ng	# 97
24) Nitrobenzene	9.21	77	77087	39.746	ng	98
25) Isophorone	9.74	82	141967	37.559	ng	99
26) 2-Nitrophenol	9.93	139	49467	40.700	ng	93
27) 2,4-Dimethylphenol	9.99	122	77005	45.994	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	88843	37.292	ng	99
29) 2,4-Dichlorophenol	10.48	162	93936	42.884	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	107013	39.801	ng	99
31) Naphthalene	10.88	128	247372	40.257	ng	99
32) Benzoic acid	10.14	122	34584	31.788	ng	94
33) 4-Chloroaniline	10.99	127	65864	23.219	ng	97
34) Hexachlorobutadiene	11.16	225	71102	39.349	ng	99
35) Caprolactam	11.75	113	14518	19.863	ng	# 89
36) 4-Chloro-3-methylphenol	12.12	107	83669	40.237	ng	94
37) 2-Methylnaphthalene	12.49	142	197684	40.066	ng	99
38) 1-Methylnaphthalene	12.70	142	186604	39.816	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	133040	42.716	ng	99

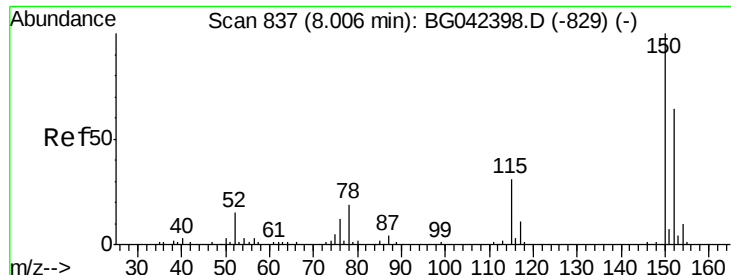
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042557.D
 Acq On : 29 Aug 2019 9:49
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	149512	91.388	ng	100
43) 2,4,6-Trichlorophenol	13.10	196	85939	40.822	ng	95
44) 2,4,5-Trichlorophenol	13.18	196	92848	42.560	ng	97
46) 1,1'-Biphenyl	13.49	154	258099	41.170	ng	98
47) 2-Chloronaphthalene	13.54	162	212817	39.369	ng	98
48) 2-Nitroaniline	13.74	65	46692	35.820	ng	96
49) Acenaphthylene	14.38	152	336596	41.389	ng	99
50) Dimethylphthalate	14.11	163	272092	38.883	ng	100
51) 2,6-Dinitrotoluene	14.23	165	65374	40.304	ng	99
52) Acenaphthene	14.72	154	193414	39.166	ng	99
53) 3-Nitroaniline	14.57	138	44000	27.124	ng	96
54) 2,4-Dinitrophenol	14.78	184	73475	68.201	ng	95
55) Dibenzofuran	15.06	168	338790	41.446	ng	99
56) 4-Nitrophenol	14.89	139	91808	79.647	ng	97
57) 2,4-Dinitrotoluene	15.02	165	93149	40.104	ng	97
58) Fluorene	15.71	166	272127	40.726	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	91057	42.206	ng	# 93
60) Diethylphthalate	15.48	149	267787	39.146	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	162392	40.316	ng	99
62) 4-Nitroaniline	15.73	138	66359	38.222	ng	98
63) Azobenzene	15.99	77	182623	38.960	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	61969	42.991	ng	94
66) n-Nitrosodiphenylamine	15.92	169	253395	40.077	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	114451	39.246	ng	99
68) Hexachlorobenzene	16.72	284	119697	37.757	ng	98
69) Atrazine	16.86	200	97580	43.643	ng	97
70) Pentachlorophenol	17.07	266	132449	80.410	ng	98
71) Phenanthrene	17.46	178	469966	41.153	ng	98
72) Anthracene	17.55	178	478200	41.945	ng	99
73) Carbazole	17.81	167	426428	41.969	ng	99
74) Di-n-butylphthalate	18.37	149	495455	41.251	ng	100
75) Fluoranthene	19.47	202	641236	46.009	ng	97
77) Benzidine	19.64	184	302942	40.174	ng	99
78) Pyrene	19.83	202	648109	40.192	ng	98
80) Butylbenzylphthalate	20.71	149	241166	38.024	ng	98
81) Benzo(a)anthracene	21.67	228	650234	40.641	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	198991	30.924	ng	98
83) Chrysene	21.73	228	634942	41.149	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	345019	39.180	ng	97
85) Di-n-octyl phthalate	22.79	149	599576	39.587	ng	98
86) Indeno(1,2,3-cd)pyrene	28.64	276	829674	39.566	ng	# 97
88) Benzo(b)fluoranthene	23.90	252	722280	43.880	ng	99
89) Benzo(k)fluoranthene	23.97	252	693212	43.814	ng	99
90) Benzo(a)pyrene	24.78	252	704772	45.122	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	686571	43.413	ng	97
92) Benzo(g,h,i)perylene	29.80	276	694152	43.886	ng	97

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

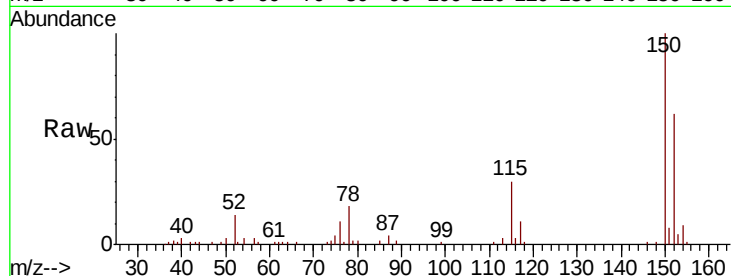


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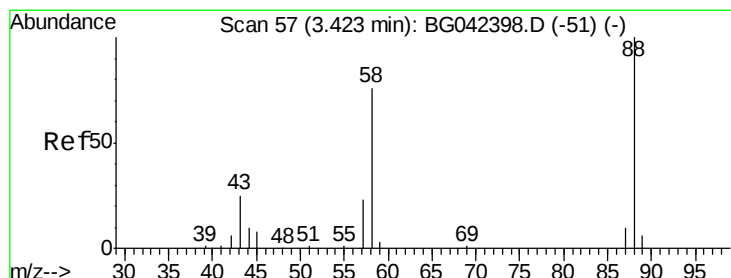
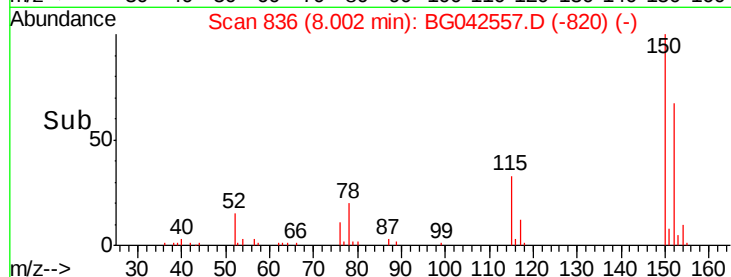
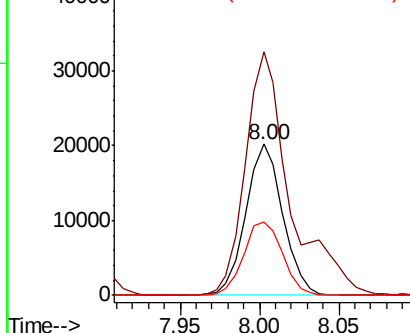
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 32747
Ion Ratio Lower Upper
152 100
150 161.2 125.4 188.0
115 48.9 38.5 57.7



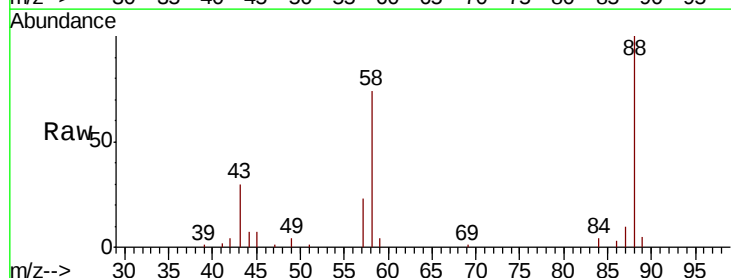
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



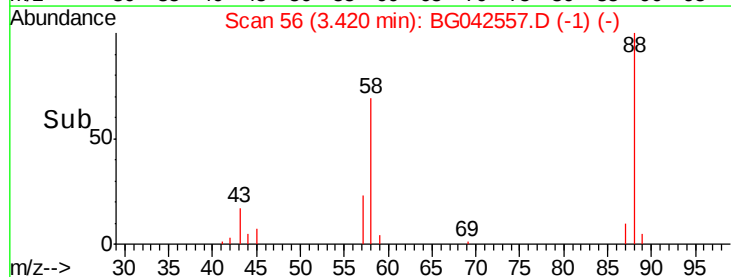
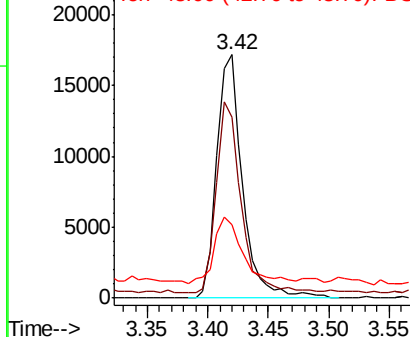
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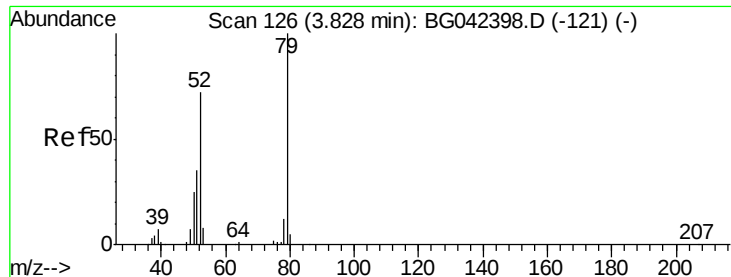
1,4-Dioxane
Concen: 37.376 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Tgt Ion: 88 Resp: 25220
Ion Ratio Lower Upper
88 100
58 75.1 58.3 87.5
43 30.3 20.2 30.2#



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: 31.047 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

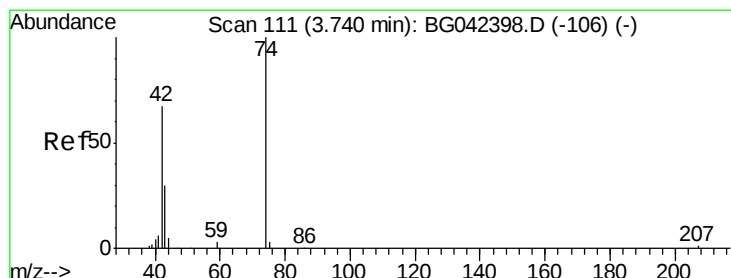
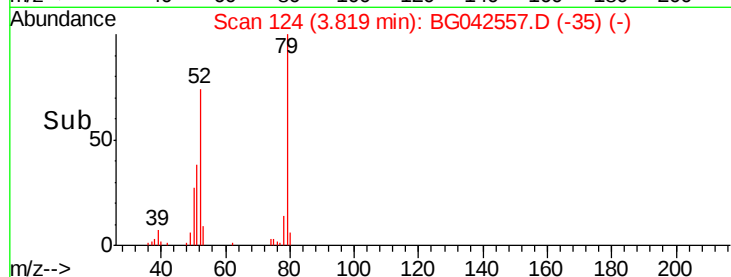
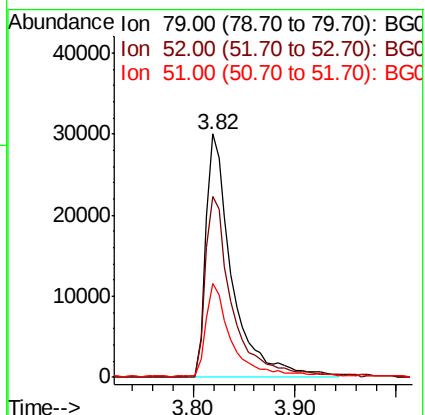
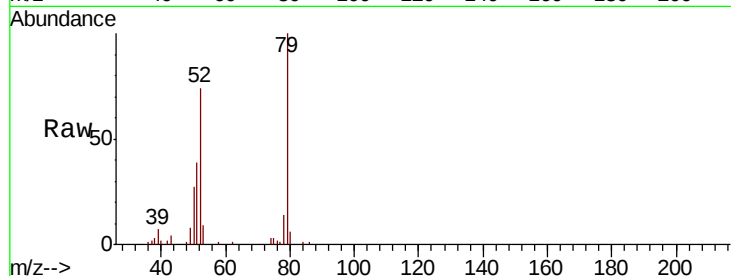
Tot Ion: 79 Resp: 53719

Ion Ratio Lower Upper

79 100

52 74.4 57.7 86.5

51 38.7 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 43.406 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

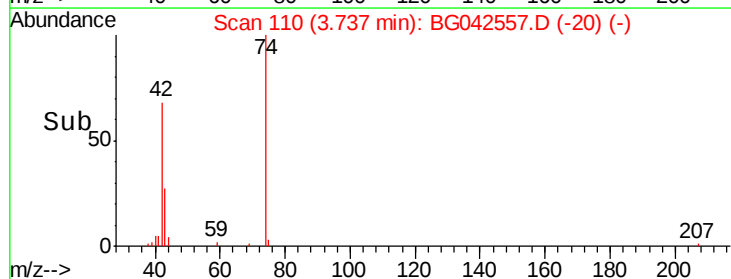
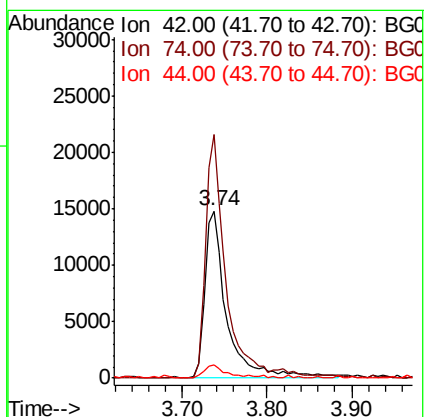
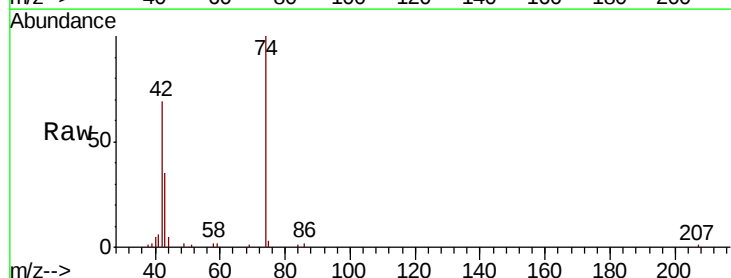
Tgt Ion: 42 Resp: 26824

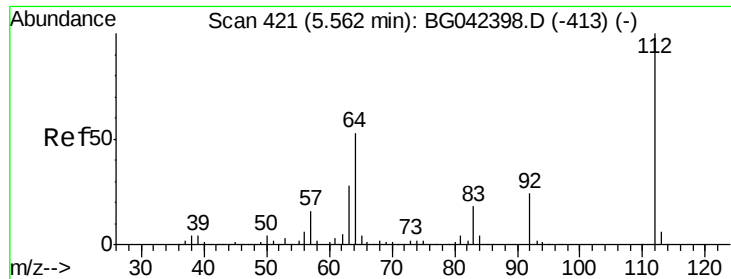
Ion Ratio Lower Upper

42 100

74 145.9 119.6 179.4

44 7.6 6.5 9.7





#5

2-Fluorophenol

Concen: 115.377 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG042557.D

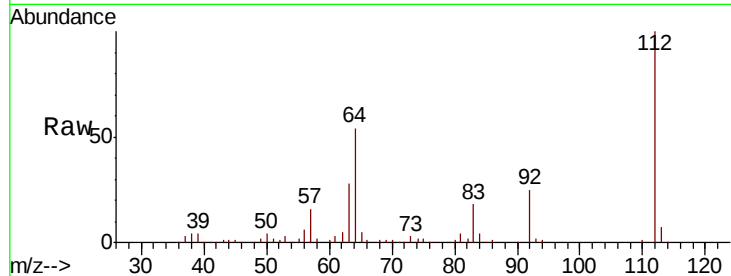
Acq: 29 Aug 2019 9:49

Instrument :

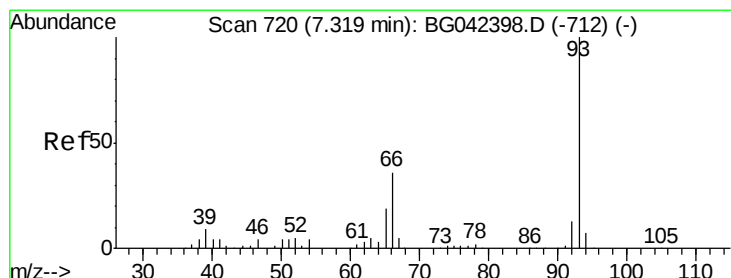
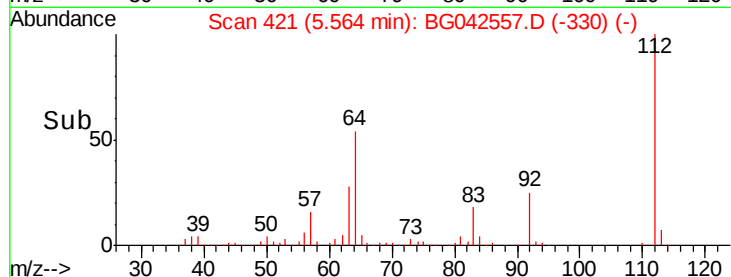
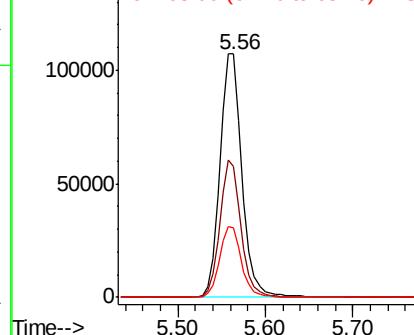
BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	186554
Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.8	64.2
63	28.4	22.7	34.1



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



#6

Aniline

Concen: 29.315 ng

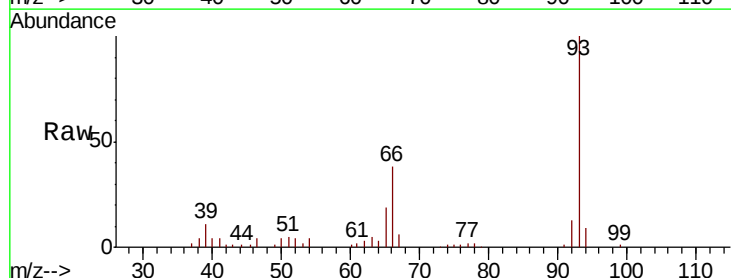
RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

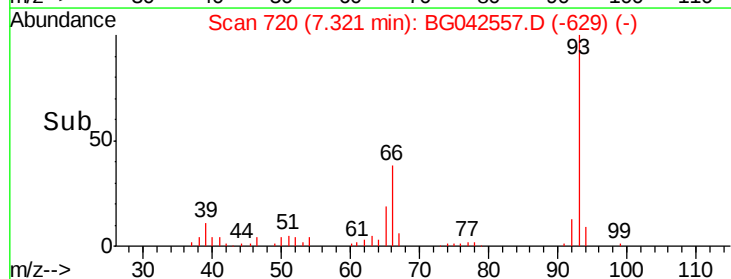
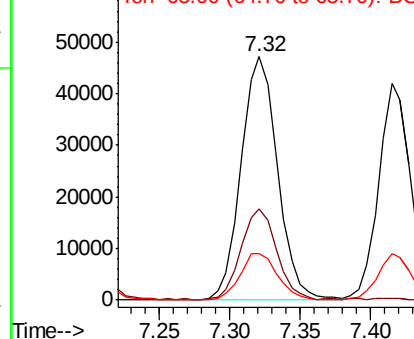
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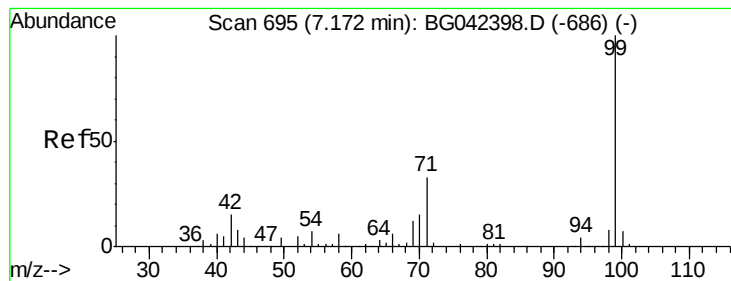
Acq: 29 Aug 2019 9:49

Tgt Ion:	93	Resp:	85398
Ion	Ratio	Lower	Upper
93	100		
66	37.8	29.0	43.6
65	19.3	15.2	22.8



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: 105.910 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

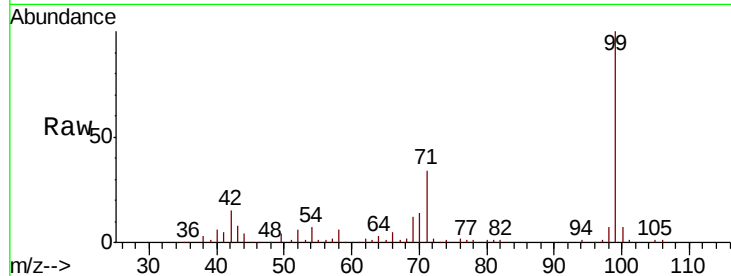
Tot Ion: 99 Resp: 231316

Ion Ratio Lower Upper

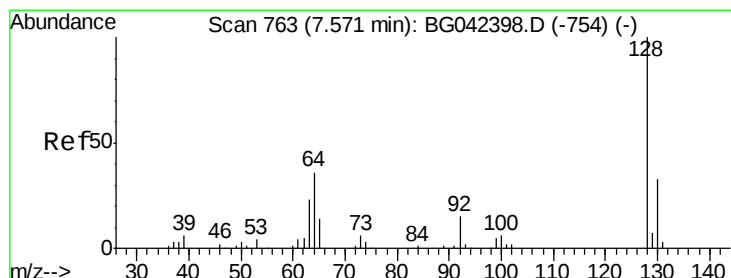
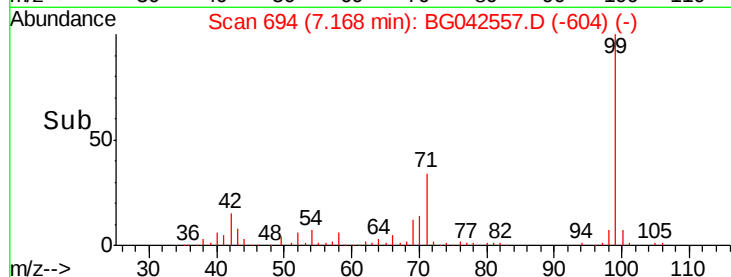
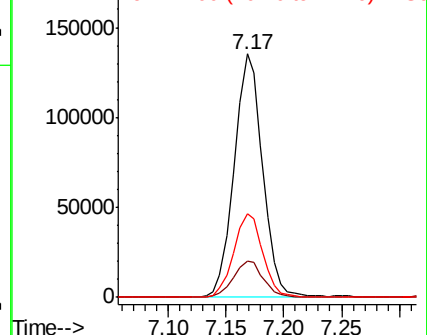
99 100

42 15.0 12.0 18.0

71 34.2 26.3 39.5



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: 43.131 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

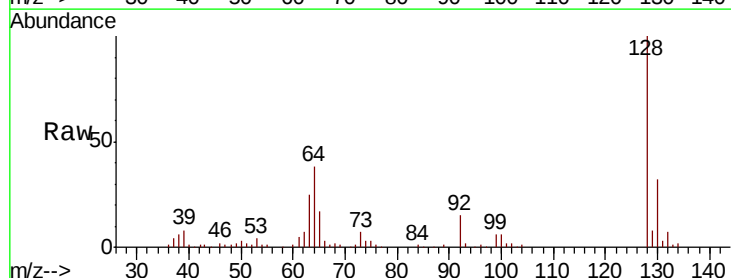
Tgt Ion: 128 Resp: 84519

Ion Ratio Lower Upper

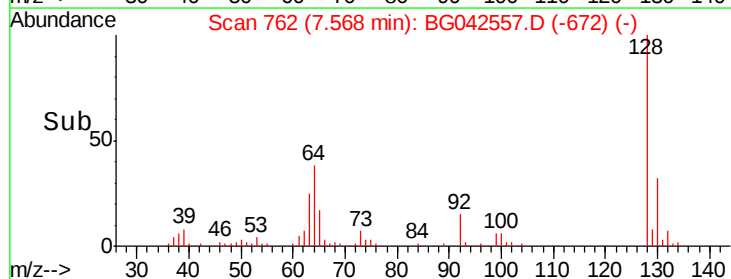
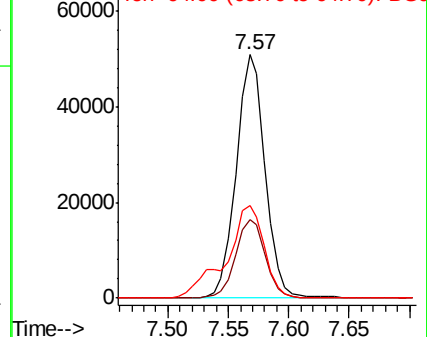
128 100

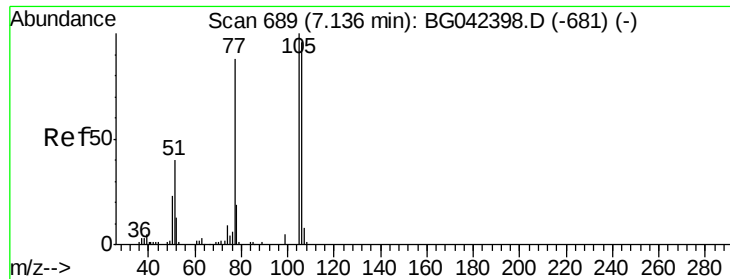
130 32.0 12.8 52.8

64 38.2 19.2 59.2



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





#9

Benzaldehyde

Concen: 44.338 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

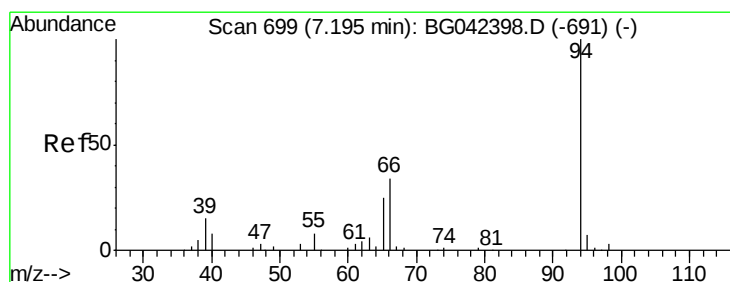
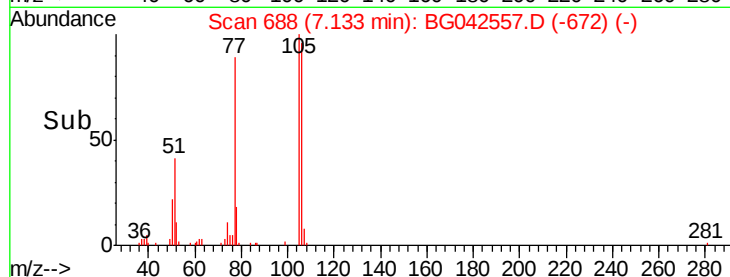
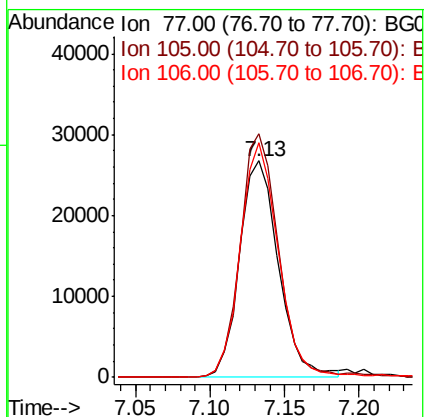
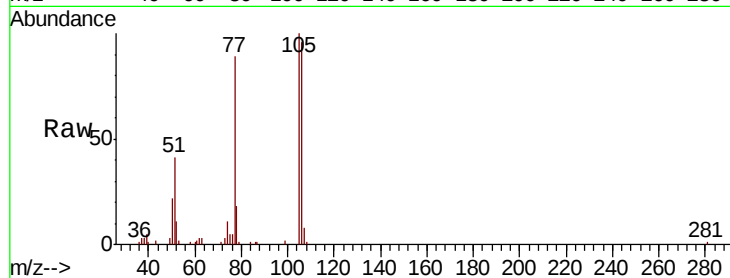
Tot Ion: 77 Resp: 48481

Ion Ratio Lower Upper

77 100

105 112.6 93.4 133.4

106 108.6 88.4 128.4



#10

Phenol

Concen: 41.479 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

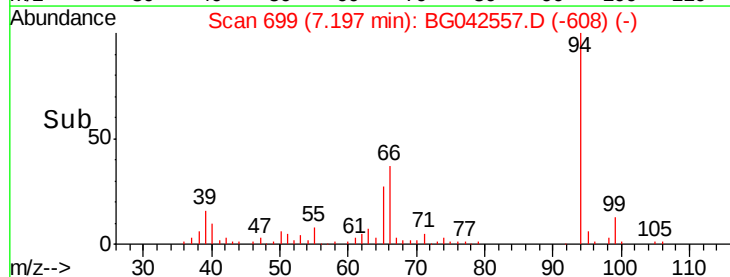
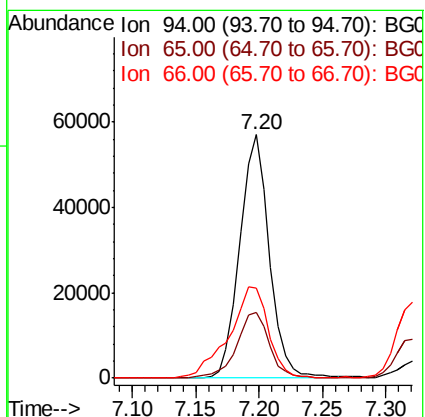
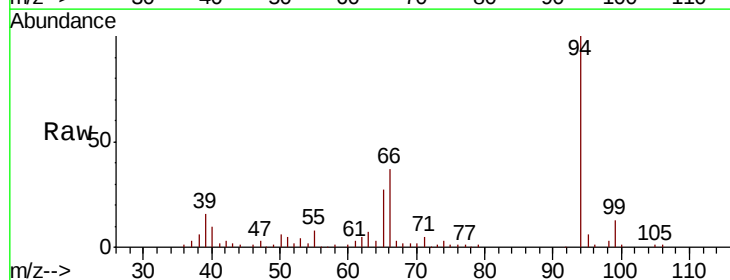
Tgt Ion: 94 Resp: 92110

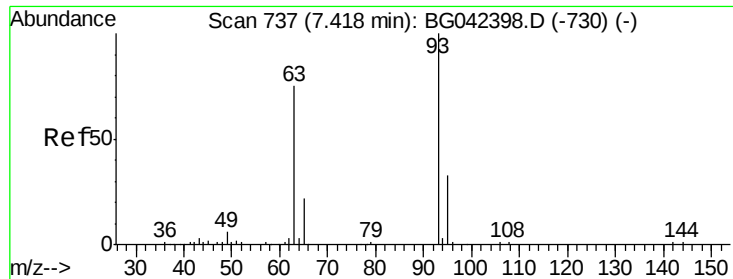
Ion Ratio Lower Upper

94 100

65 26.8 5.6 45.6

66 36.9 16.0 56.0

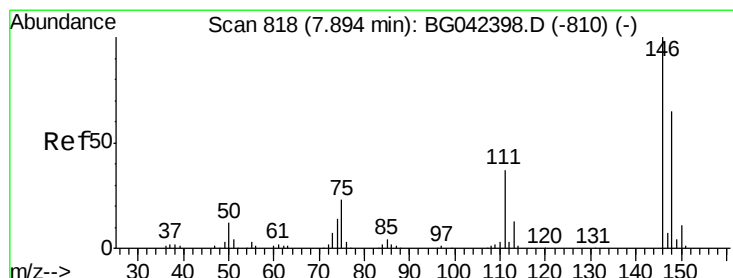
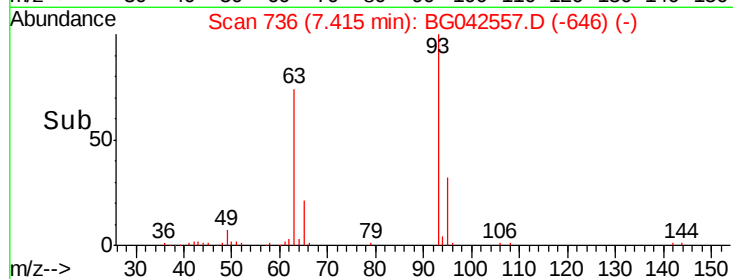
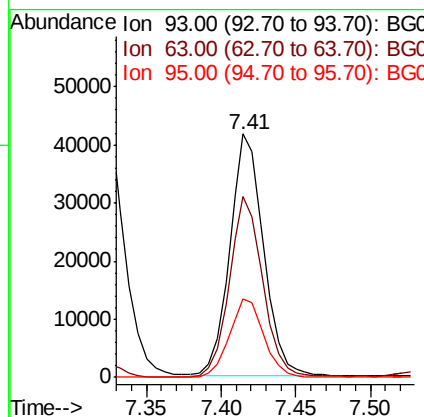
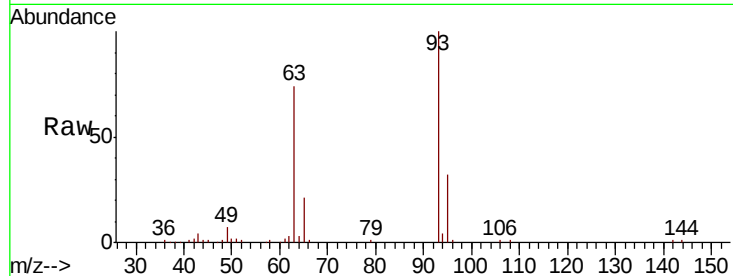




#11
bis(2-Chloroethyl)ether
Concen: 37.610 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

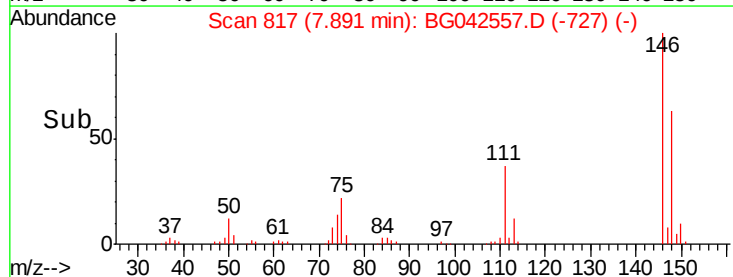
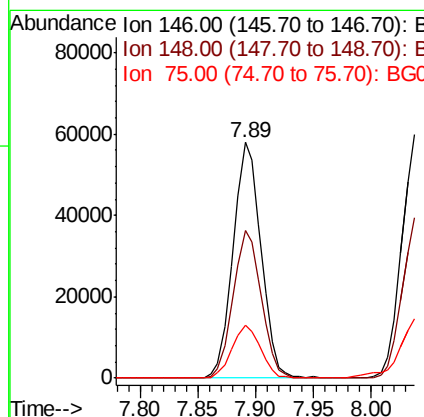
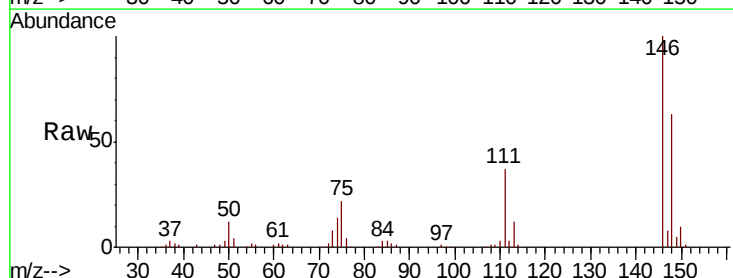
Instrument :
BNA_G
ClientSampleId :

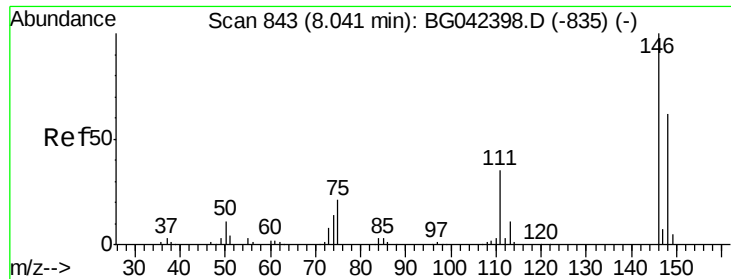
Tot Ion: 93 Resp: 65592
Ion Ratio Lower Upper
93 100
63 74.2 53.8 93.8
95 32.1 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 38.831 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Tgt Ion: 146 Resp: 96799
Ion Ratio Lower Upper
146 100
148 62.5 52.2 78.2
75 22.5 18.0 27.0

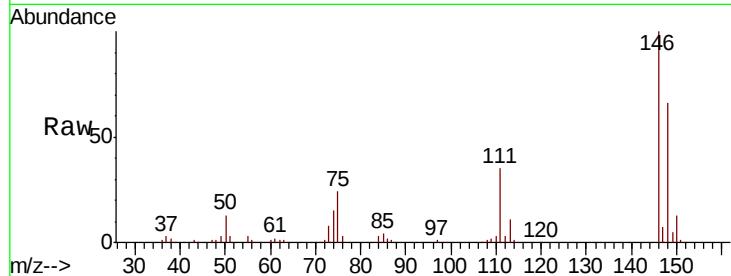




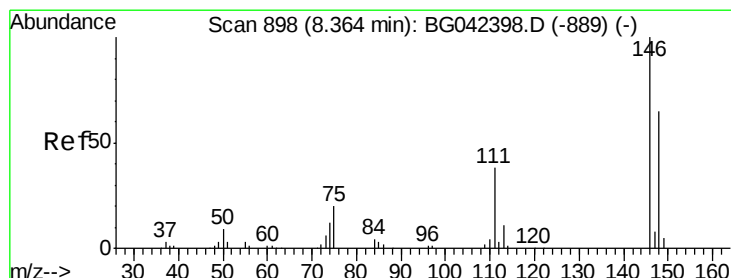
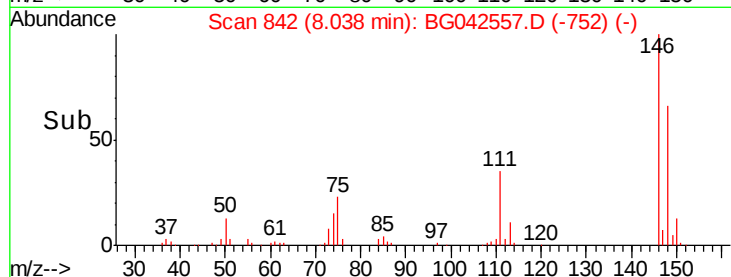
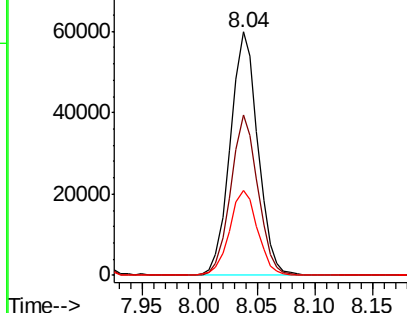
#13
 1,4-Dichlorobenzene
 Concen: 39.302 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	49.5	74.3
111	34.9	28.1	42.1

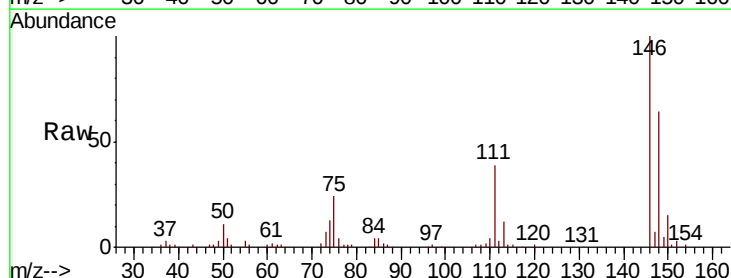


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

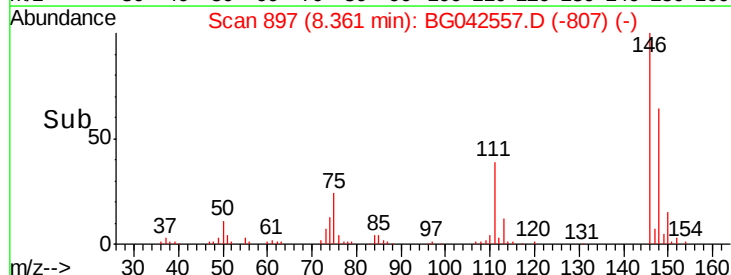
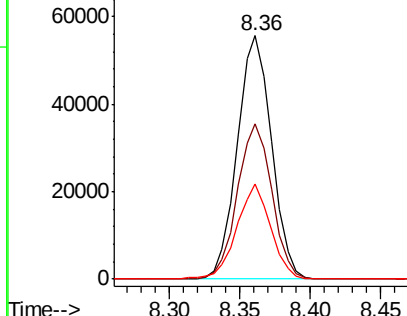


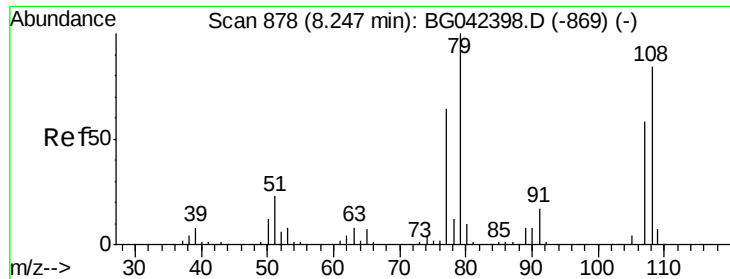
#14
 1,2-Dichlorobenzene
 Concen: 39.145 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	39.0	30.9	46.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.603 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

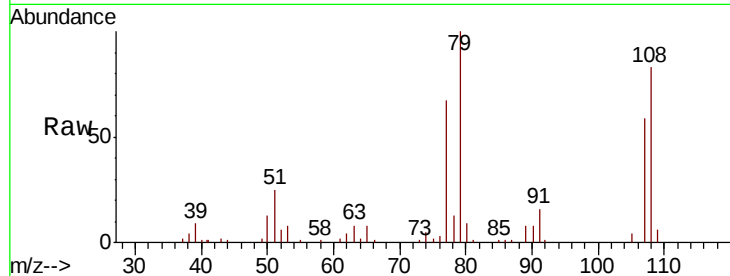
Tot Ion: 79 Resp: 62229

Ion Ratio Lower Upper

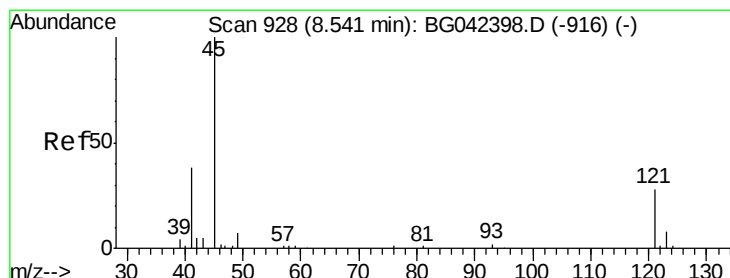
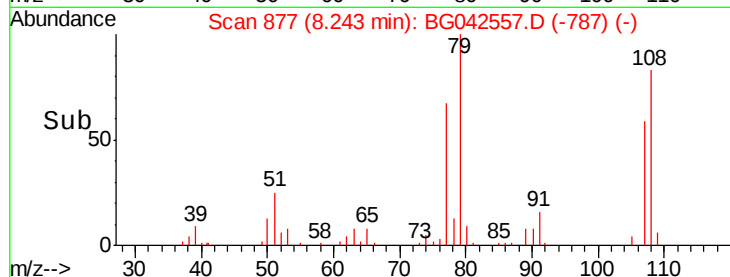
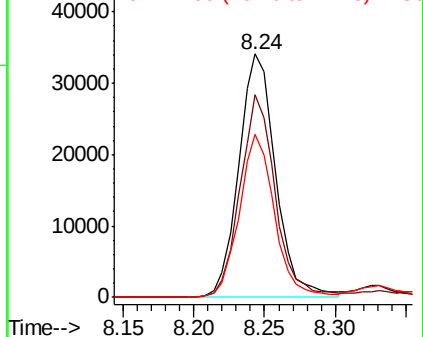
79 100

108 83.0 67.4 101.2

77 66.7 50.8 76.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.161 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

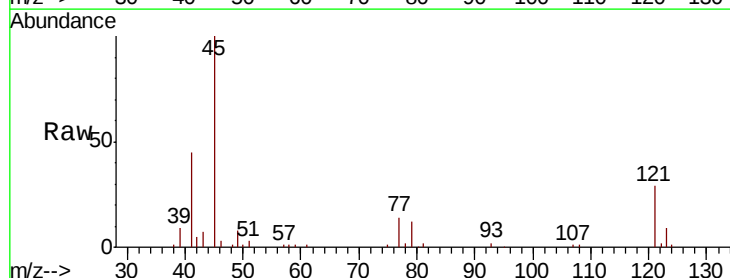
Tgt Ion: 45 Resp: 83113

Ion Ratio Lower Upper

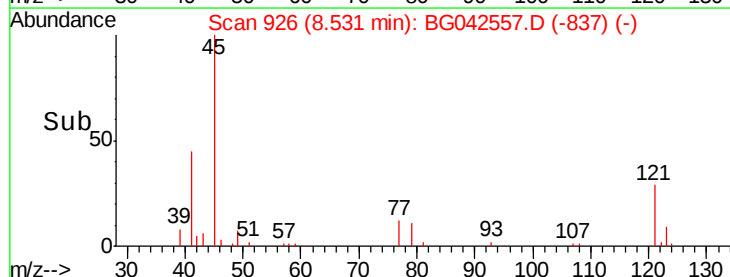
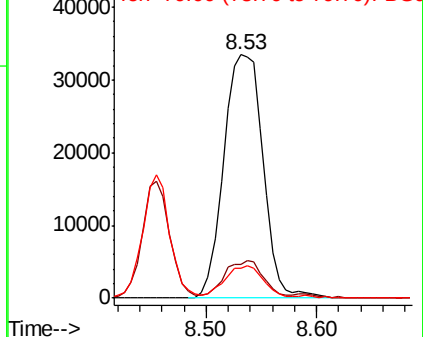
45 100

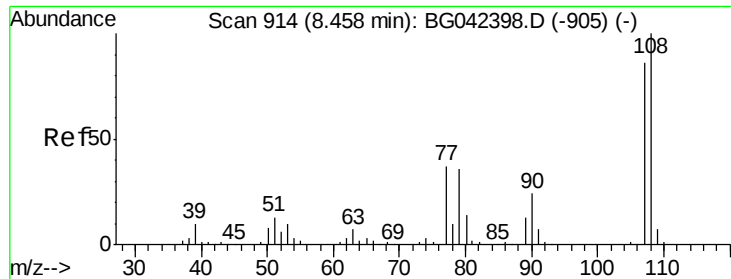
77 13.6 0.0 35.6

79 12.3 0.0 31.6



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

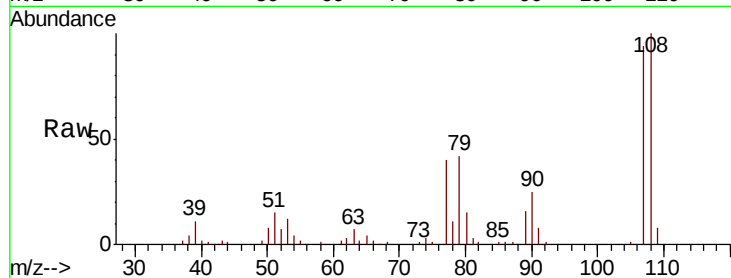




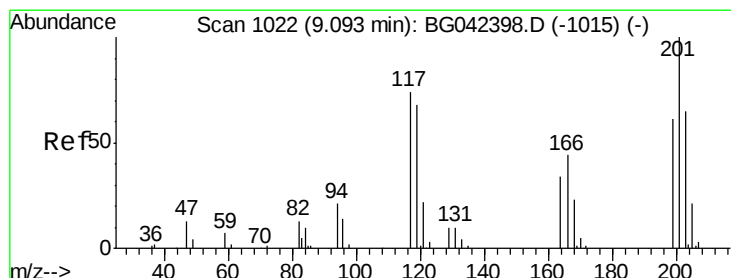
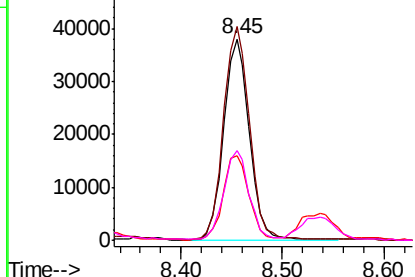
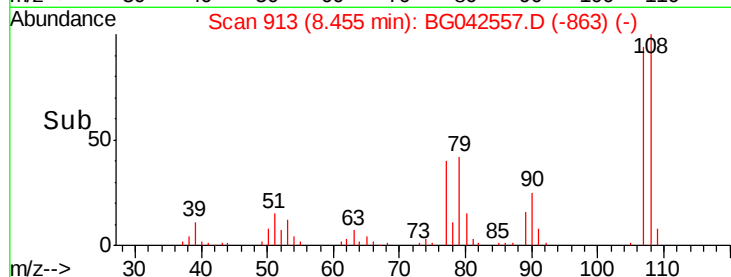
#17
2-Methylphenol
Concen: 40.965 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 67003
Ion Ratio Lower Upper
107 100
108 106.2 92.9 139.3
77 42.1 34.4 51.6
79 44.6 33.8 50.6

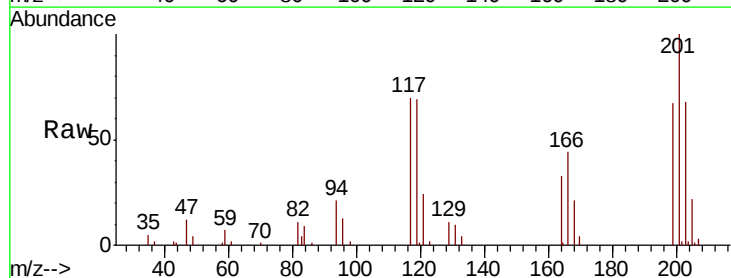


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

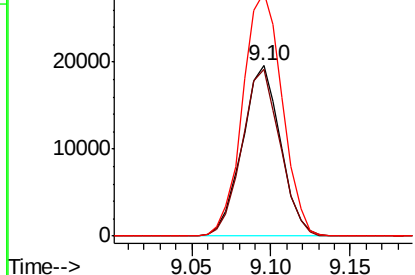
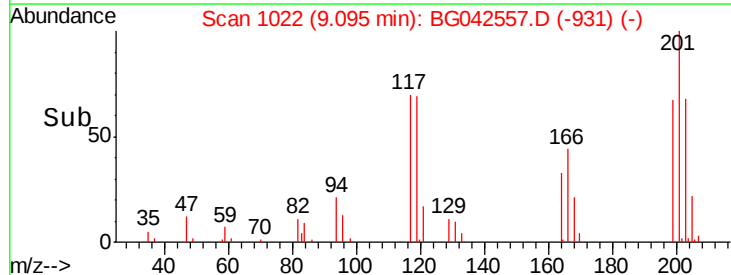


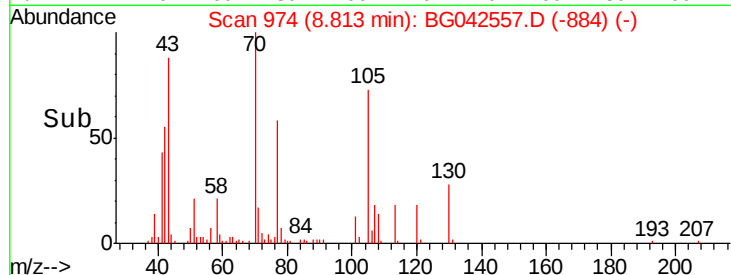
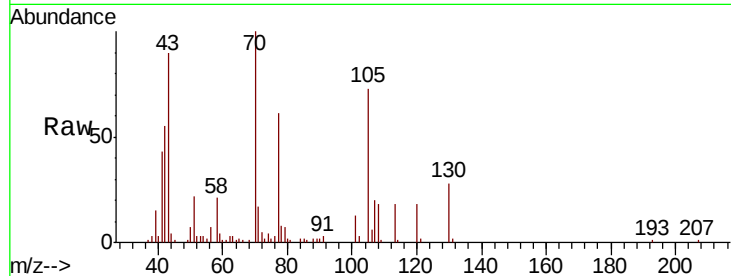
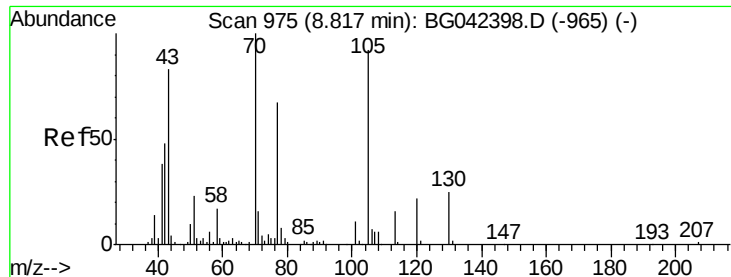
#18
Hexachloroethane
Concen: 37.959 ng
RT: 9.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Tgt Ion:117 Resp: 32813
Ion Ratio Lower Upper
117 100
119 98.0 73.8 110.8
201 143.0 108.3 162.5



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

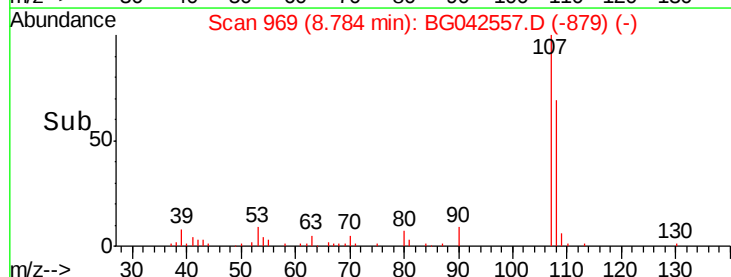
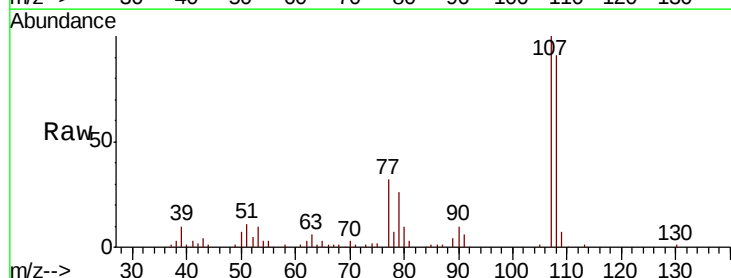
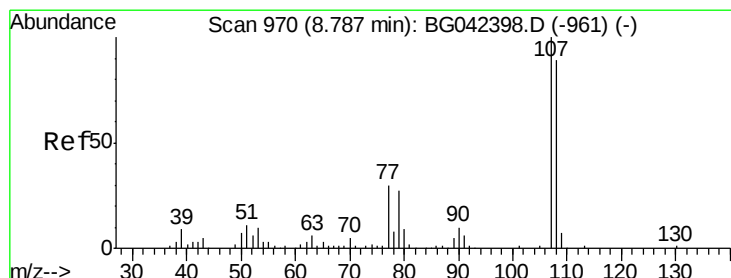
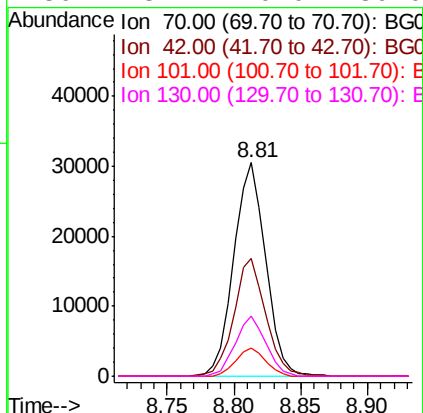




#19
n-Nitroso-di-n-propylamine
Concen: 35.858 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

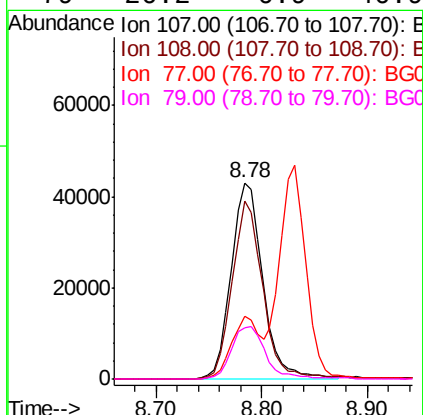
Instrument :
BNA_G
ClientSampleId :

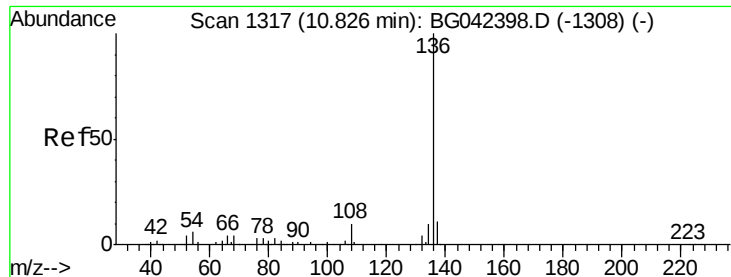
Tot Ion:	70	Resp:	50738
Ion	Ratio	Lower	Upper
70	100		
42	55.4	38.8	58.2
101	13.5	9.0	13.6
130	28.1	20.0	30.0



#20
3+4-Methylphenols
Concen: 39.267 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Tgt Ion:	107	Resp:	88873
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.7	108.7
77	31.7	10.2	50.2
79	26.2	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 132353

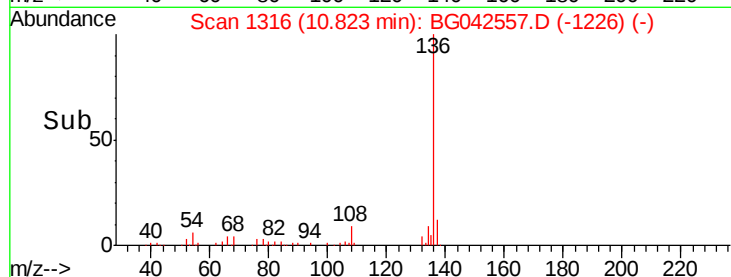
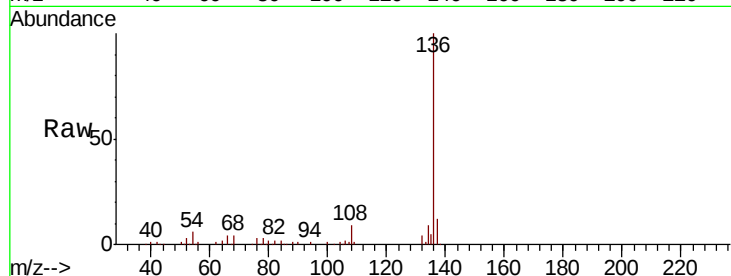
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 6.4 4.9 7.3

68 3.8 3.6 5.4

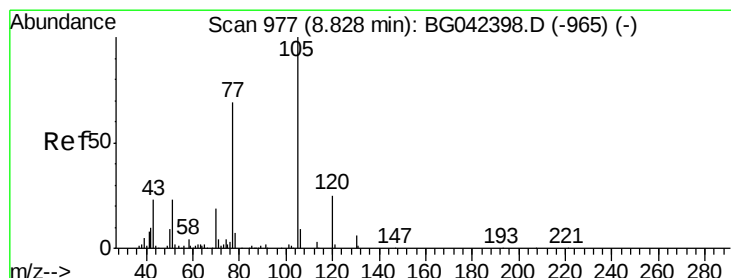
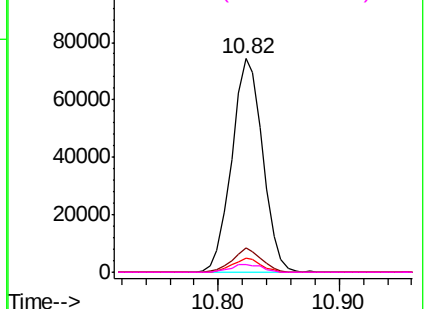


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 40.195 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Tgt Ion:105 Resp: 113784

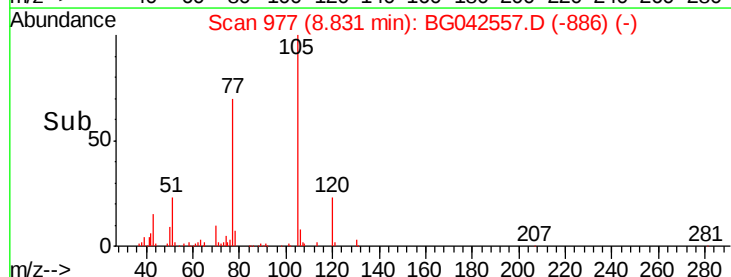
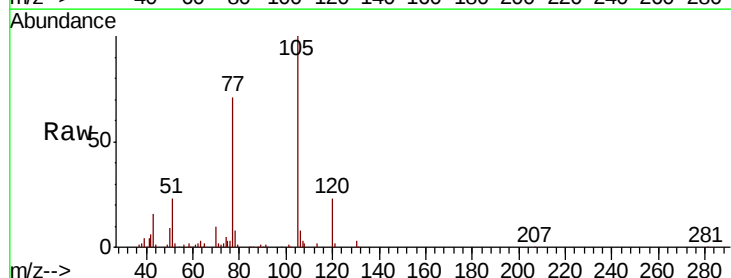
Ion Ratio Lower Upper

105 100

71 1.7 2.8 4.2#

51 22.9 18.7 28.1

120 22.8 20.1 30.1

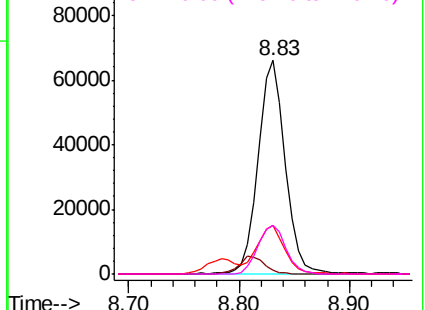


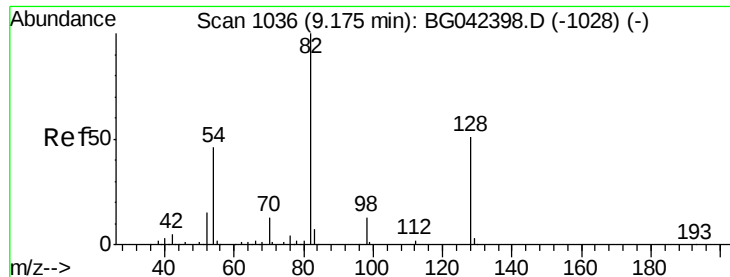
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

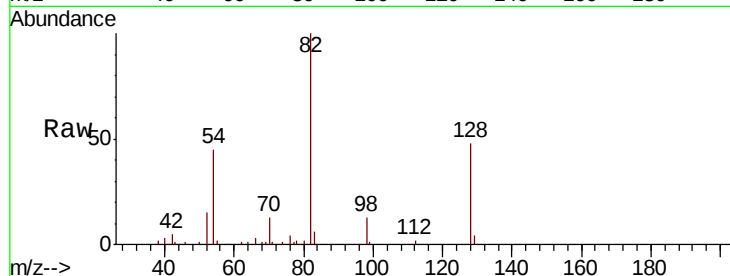




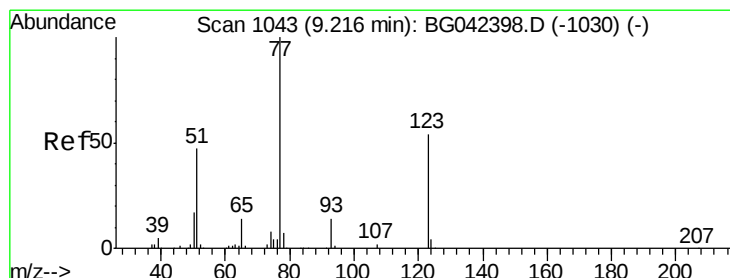
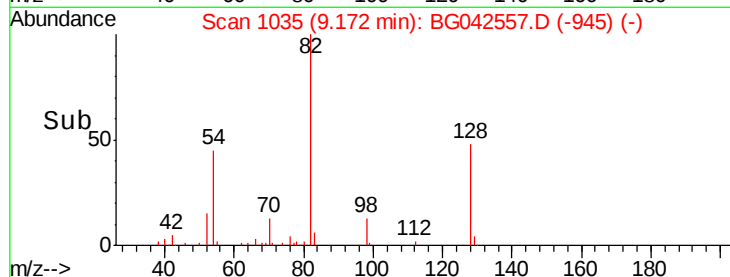
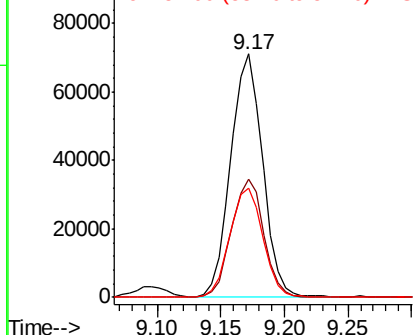
#23
 Nitrobenzene-d5
 Concen: 64.925 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	124350
Ion Ratio	Lower	Upper	
82	100		
128	48.5	40.7	61.1
54	45.0	36.3	54.5

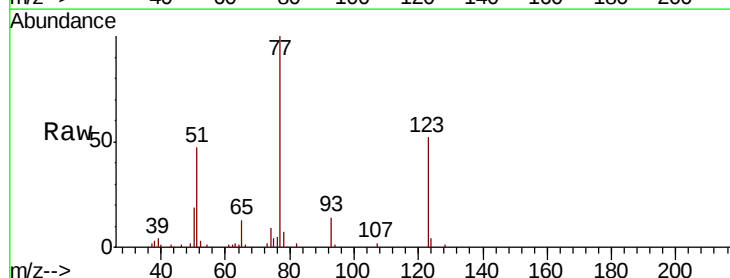


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

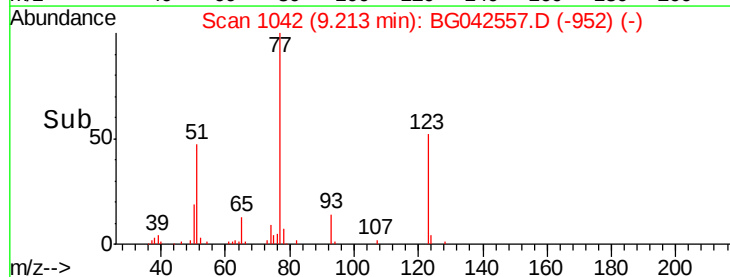
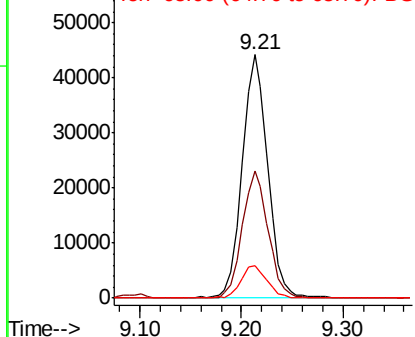


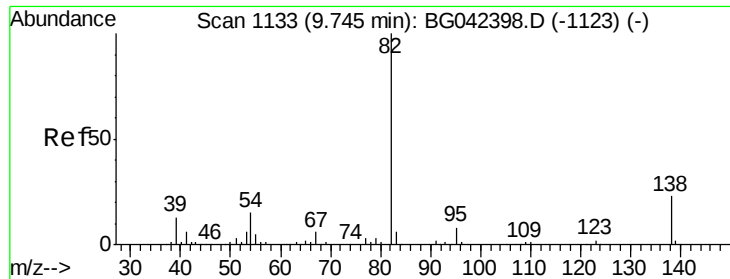
#24
 Nitrobenzene
 Concen: 39.746 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion	77	Resp	77087
Ion Ratio	Lower	Upper	
77	100		
123	52.4	43.4	65.0
65	13.3	11.0	16.6



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: 37.559 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

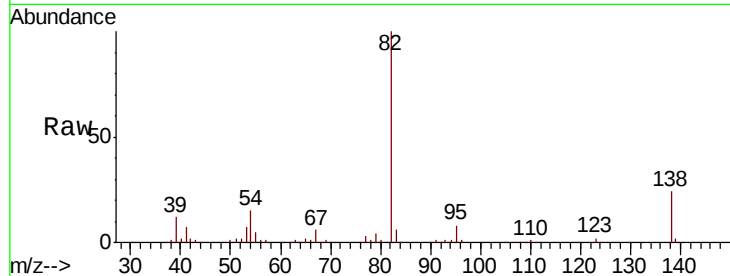
Tot Ion: 82 Resp: 141967

Ion Ratio Lower Upper

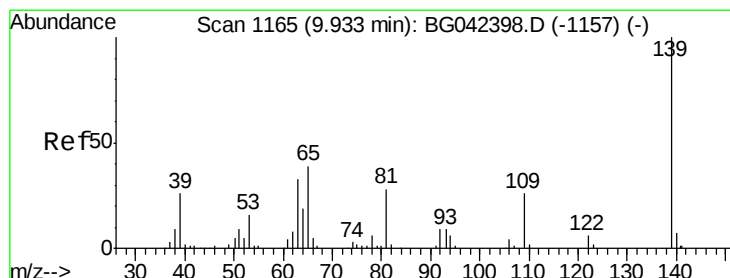
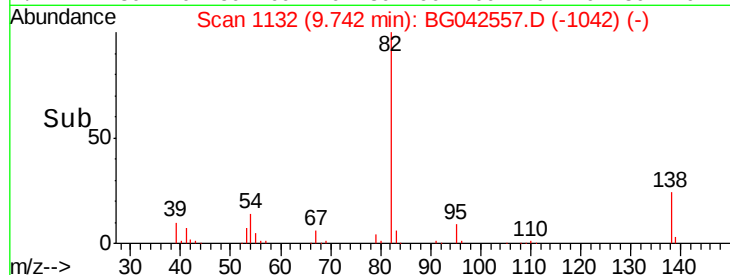
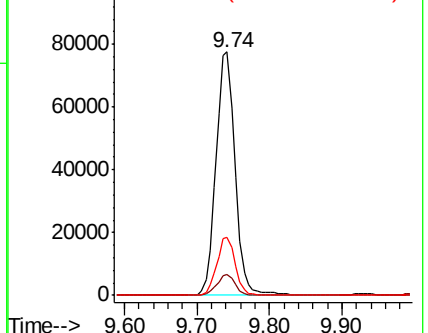
82 100

95 8.5 6.6 9.8

138 23.8 18.6 27.8



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: 40.700 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

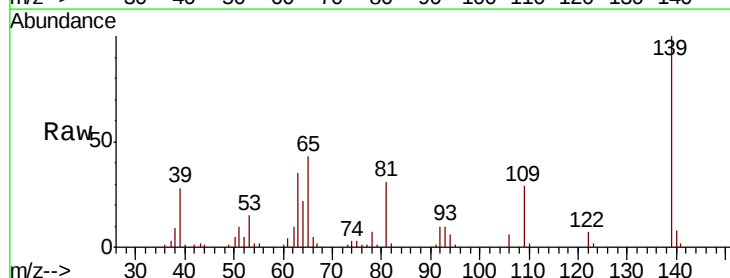
Tgt Ion: 139 Resp: 49467

Ion Ratio Lower Upper

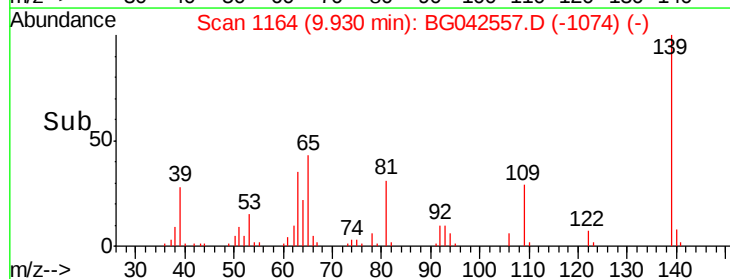
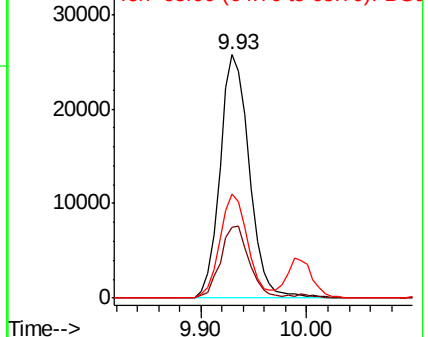
139 100

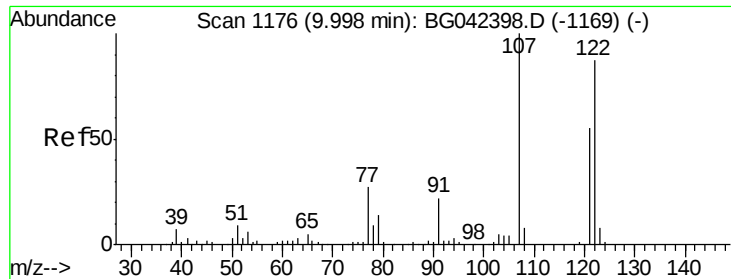
109 29.3 20.5 30.7

65 42.9 30.9 46.3



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

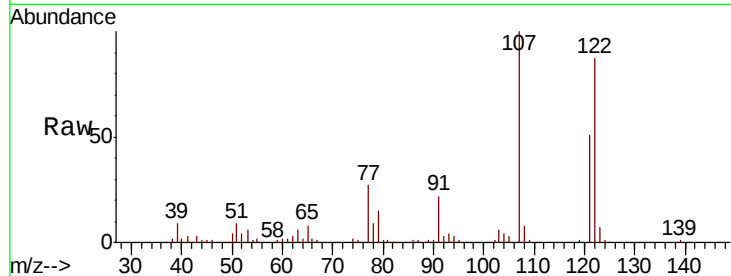




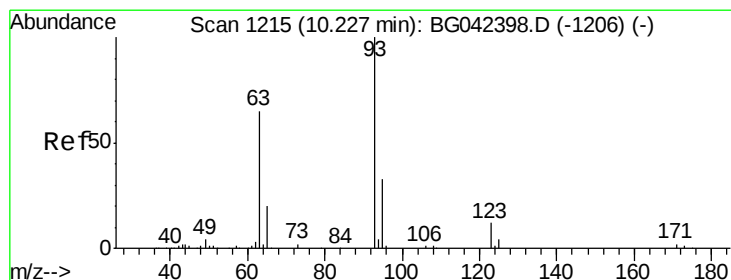
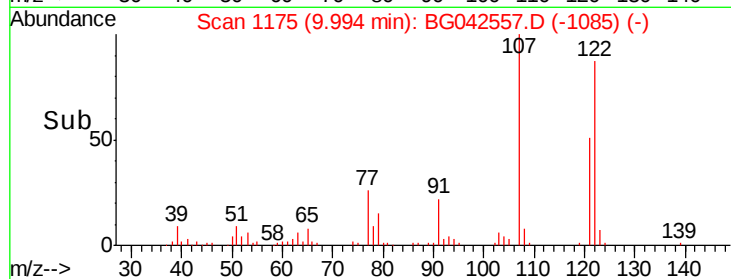
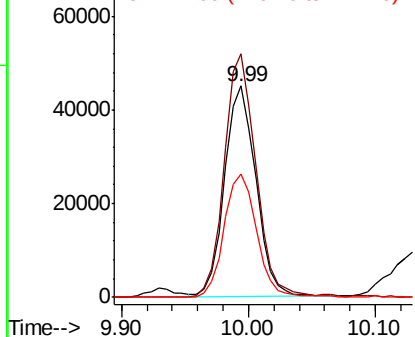
#27
 2,4-Dimethylphenol
 Concen: 45.994 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 77005
 Ion Ratio Lower Upper
 122 100
 107 115.1 90.8 136.2
 121 58.3 49.6 74.4

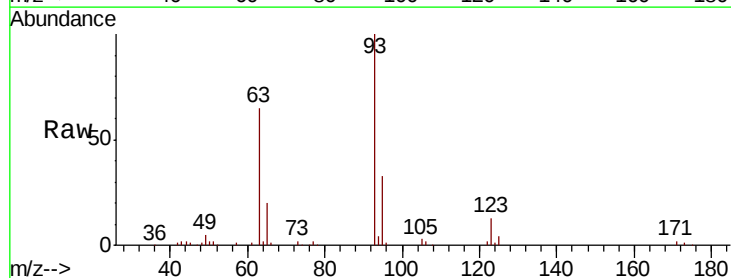


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

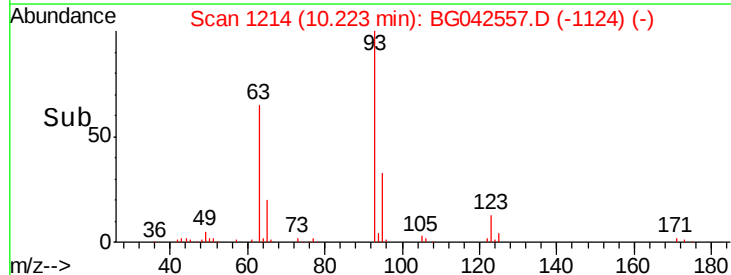
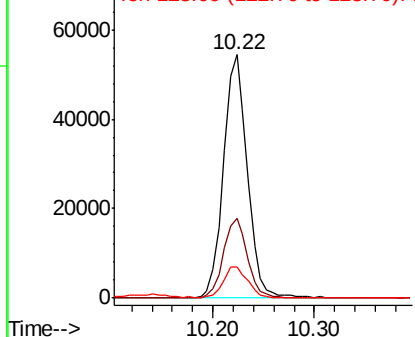


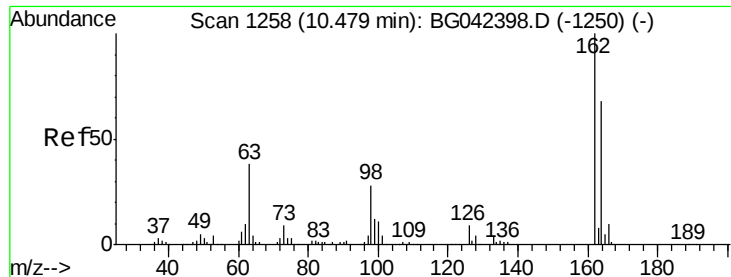
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.292 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion: 93 Resp: 88843
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.6 40.0
 123 12.7 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.884 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampled :

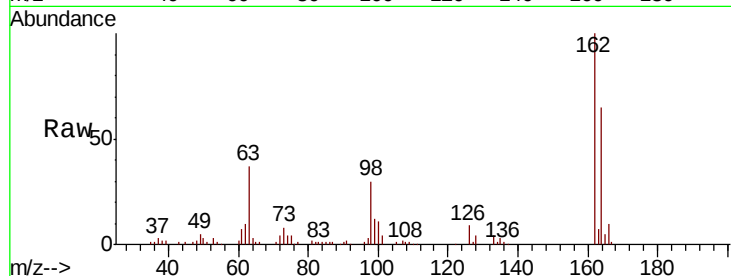
Tot Ion:162 Resp: 93936

Ion Ratio Lower Upper

162 100

164 65.3 48.1 88.1

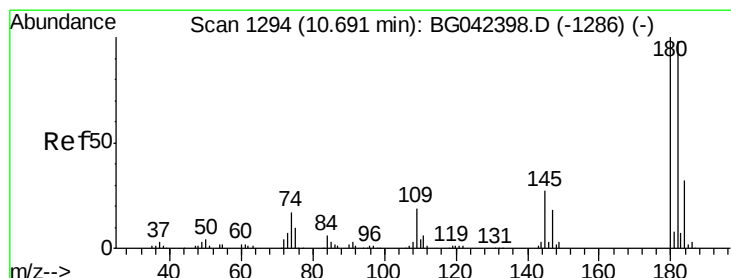
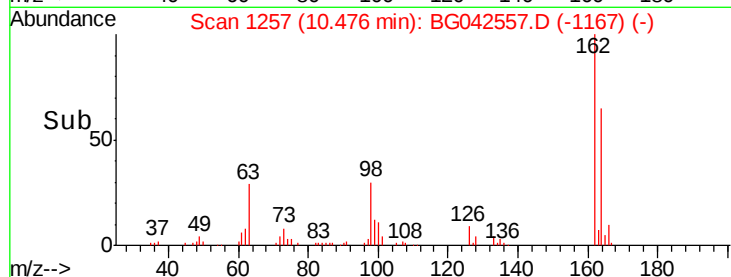
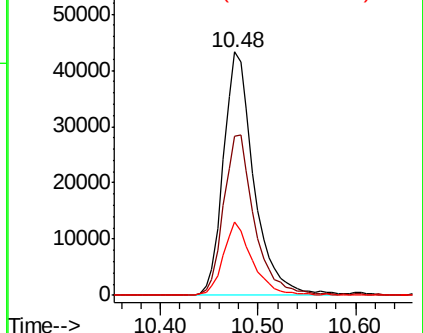
98 30.1 7.6 47.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 39.801 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

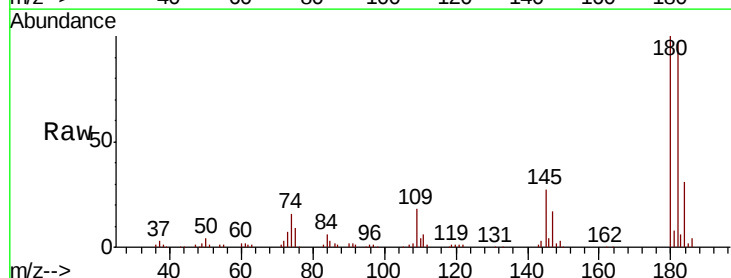
Tgt Ion:180 Resp: 107013

Ion Ratio Lower Upper

180 100

182 97.3 78.7 118.1

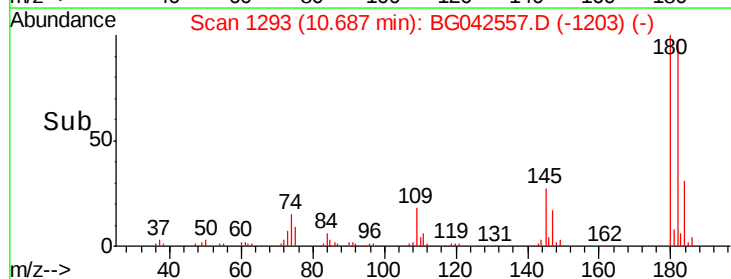
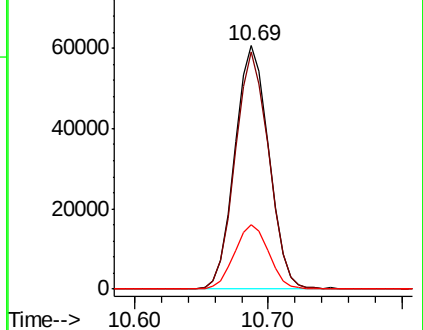
145 26.7 21.6 32.4

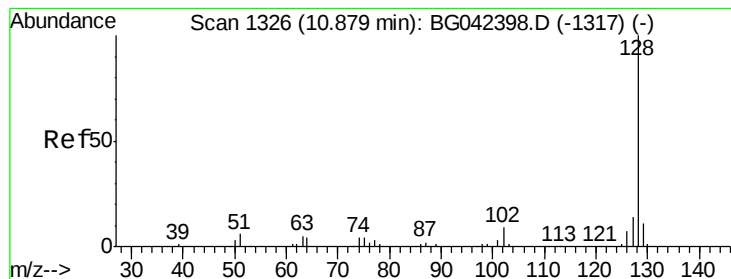


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.257 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

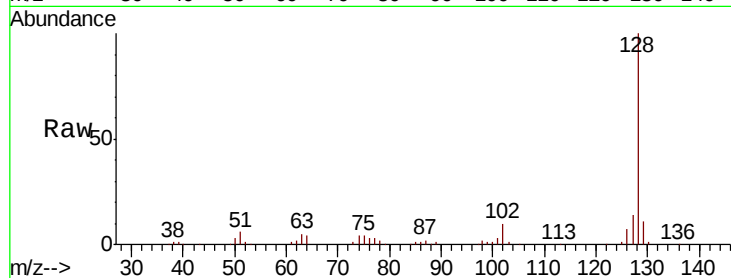
Tot Ion:128 Resp: 247372

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

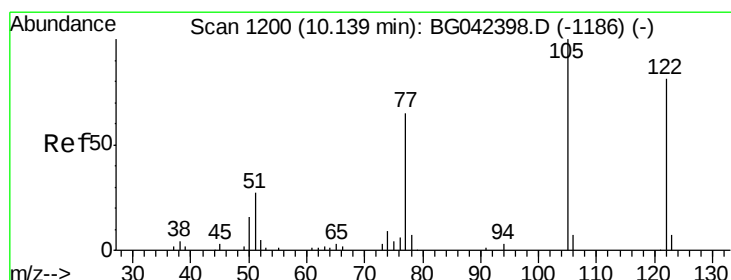
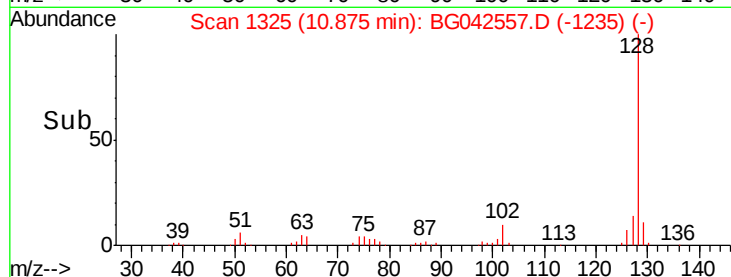
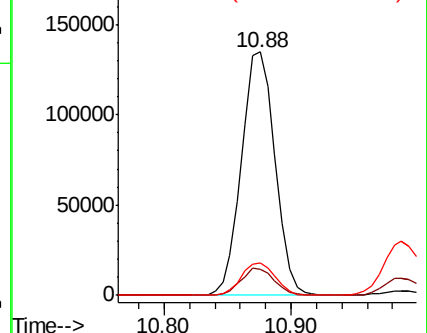
127 13.6 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.788 ng

RT: 10.14 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

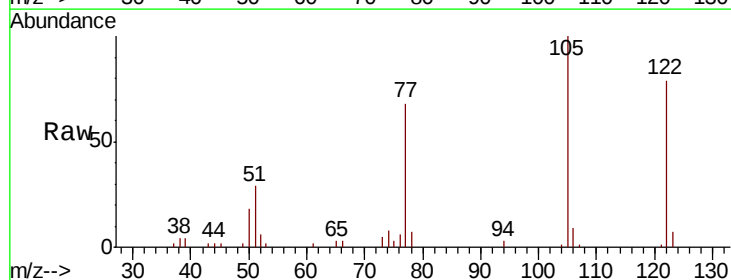
Tgt Ion:122 Resp: 34584

Ion Ratio Lower Upper

122 100

105 126.3 99.6 139.6

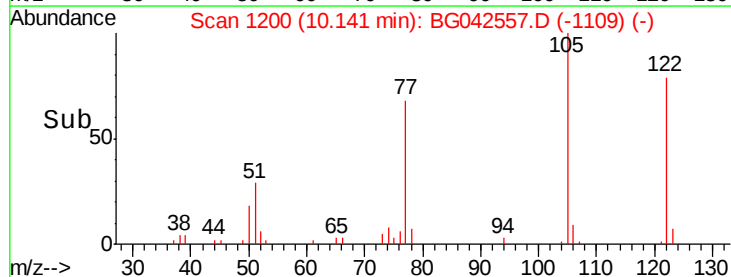
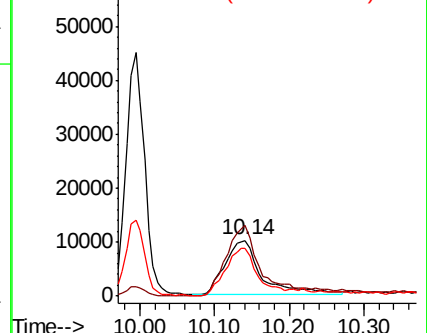
77 85.4 59.5 99.5

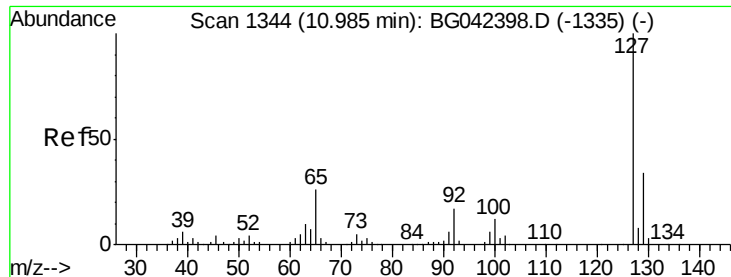


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

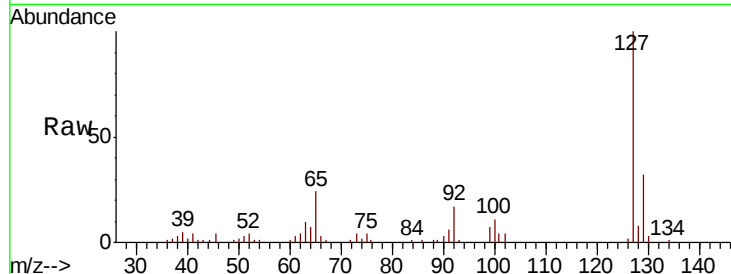




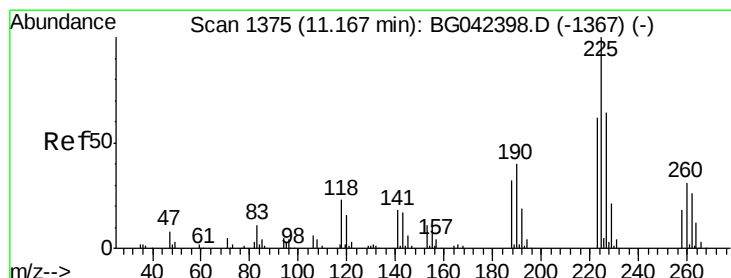
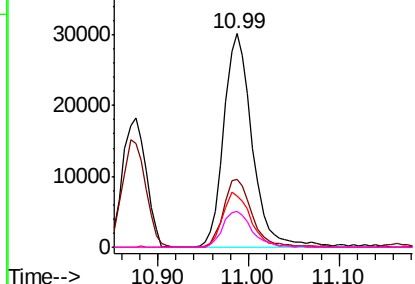
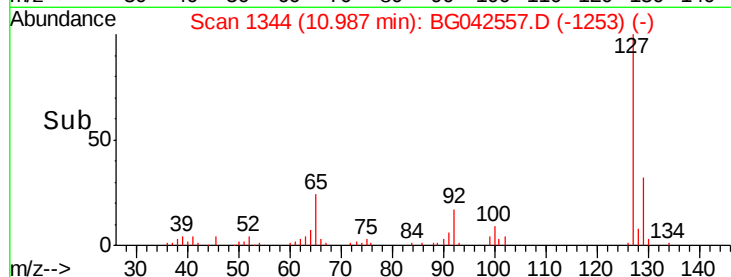
#33
4-Chloroaniline
Concen: 23.219 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	65864
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.8	40.2
65	23.7	20.7	31.1
92	16.6	13.6	20.4

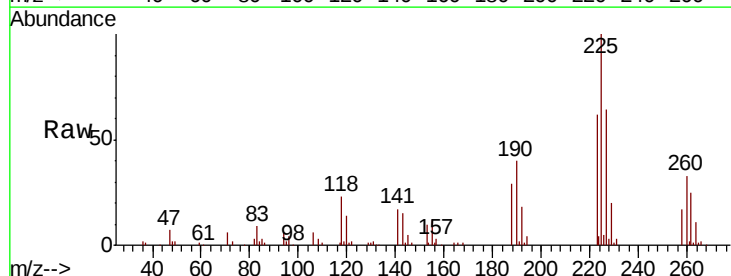


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

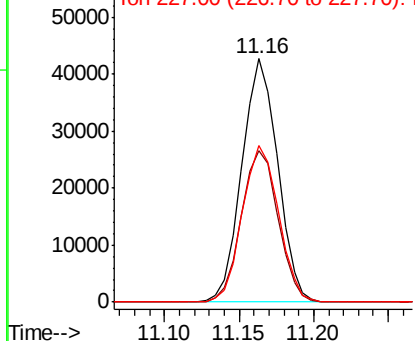
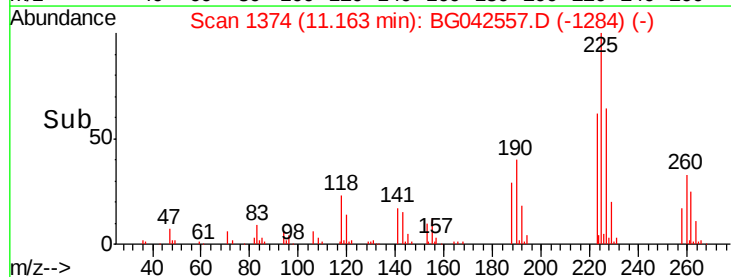


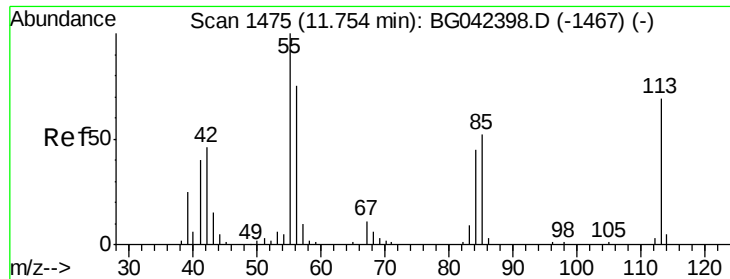
#34
Hexachlorobutadiene
Concen: 39.349 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Tgt Ion:	225	Resp:	71102
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.6
227	64.5	50.9	76.3



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

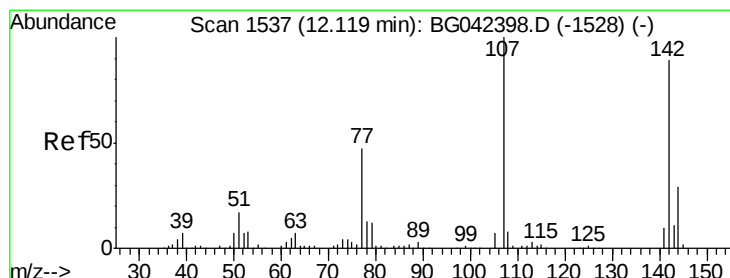
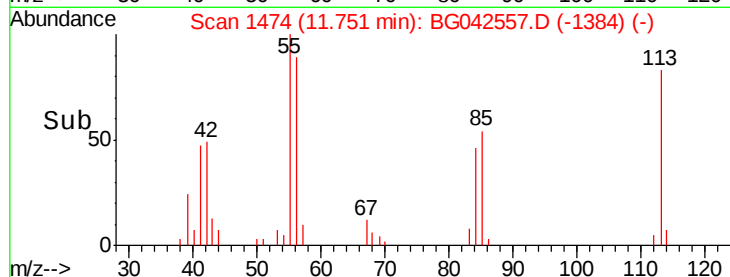
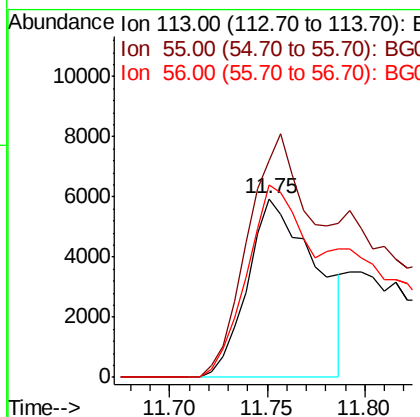
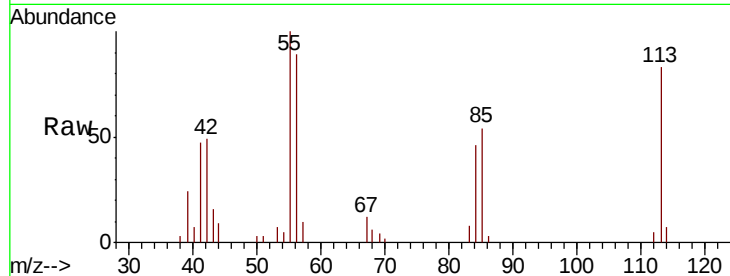




#35
 Caprolactam
 Concen: 19.863 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

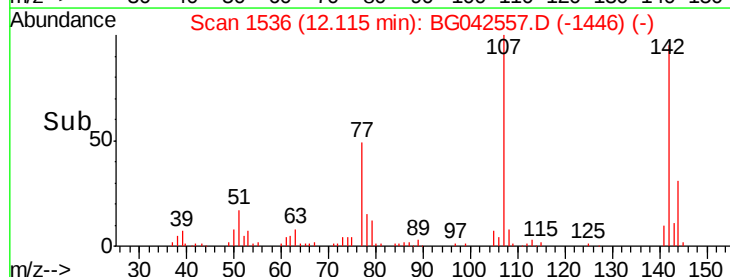
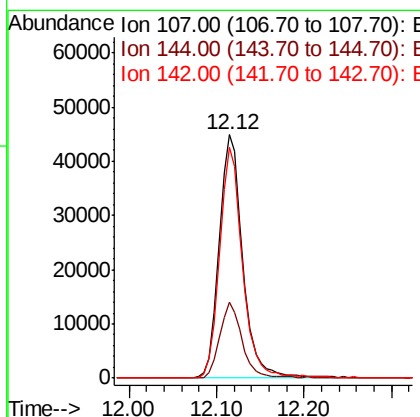
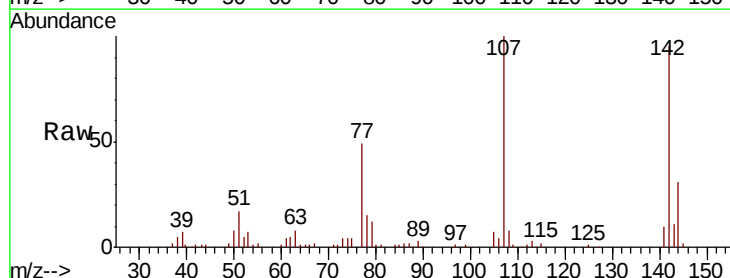
Instrument :
 BNA_G
 ClientSampled :

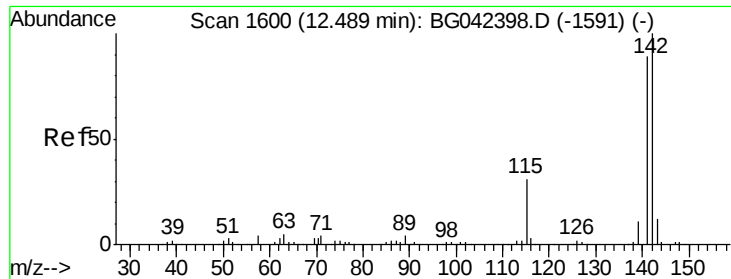
Tot Ion:113 Resp: 14518
 Ion Ratio Lower Upper
 113 100
 55 121.0 124.6 164.6#
 56 108.0 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.237 ng
 RT: 12.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion:107 Resp: 83669
 Ion Ratio Lower Upper
 107 100
 144 31.4 23.6 35.4
 142 94.9 71.0 106.4

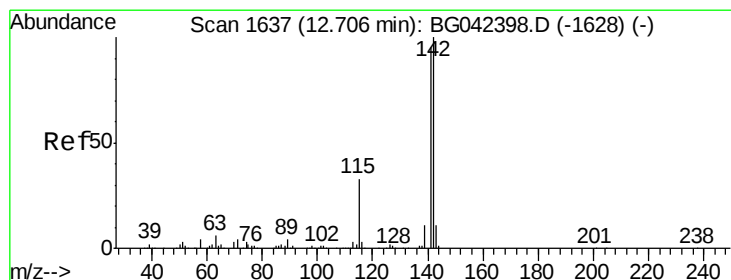
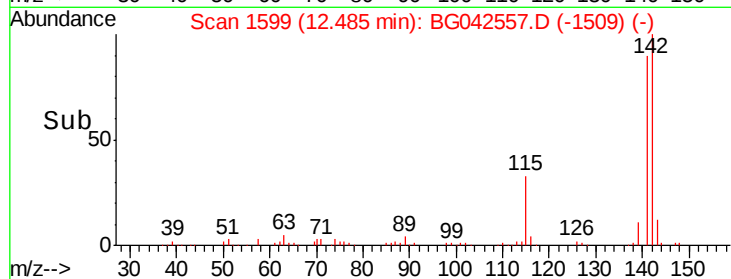
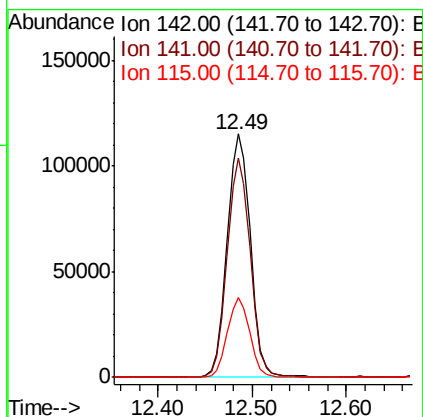
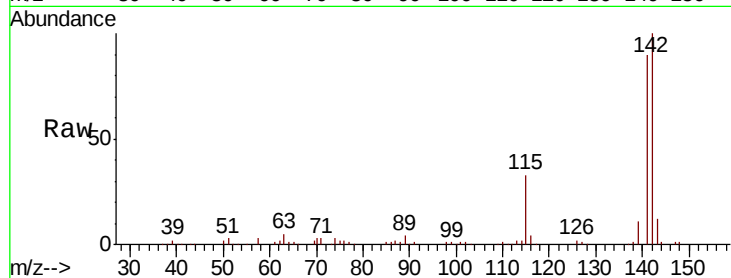




#37
2-Methylnaphthalene
Concen: 40.066 ng
RT: 12.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

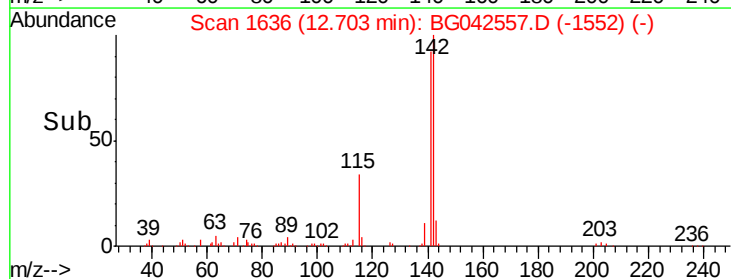
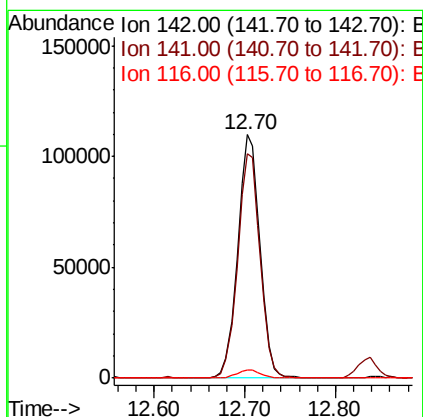
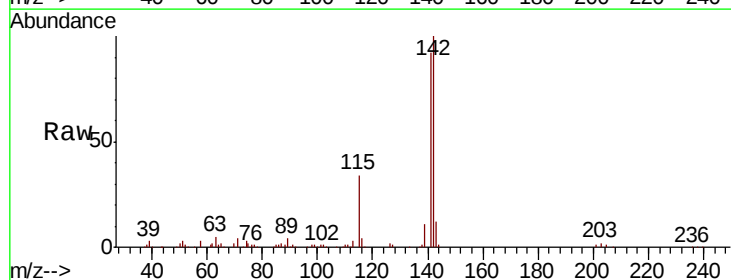
Instrument :
BNA_G
ClientSampleId :

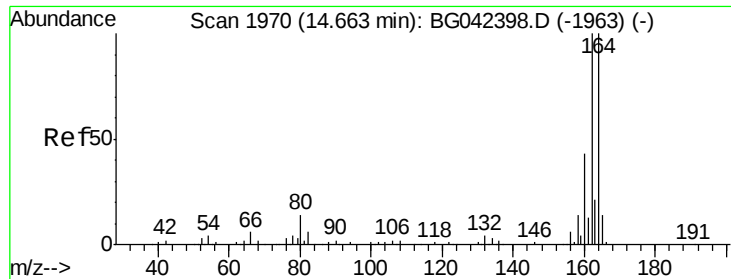
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	32.6	25.2	37.8



#38
1-Methylnaphthalene
Concen: 39.816 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	76.2	114.2
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

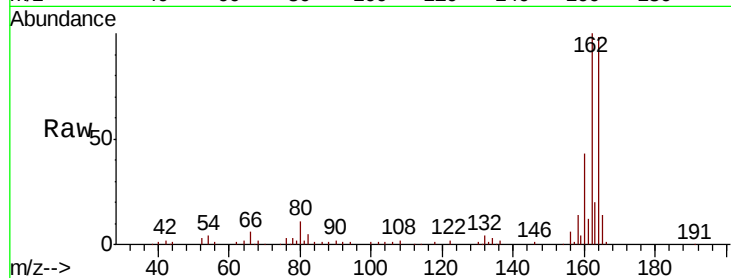
Tot Ion:164 Resp: 96984

Ion Ratio Lower Upper

164 100

162 102.5 79.9 119.9

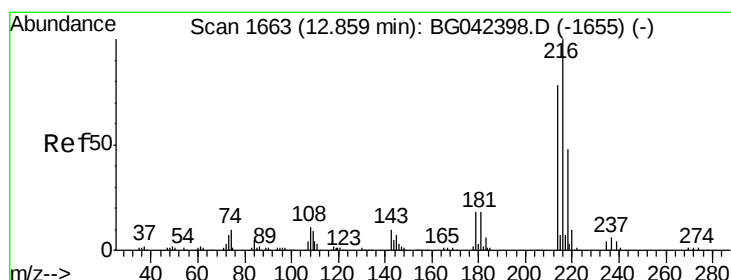
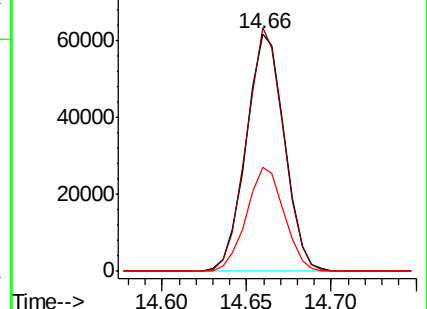
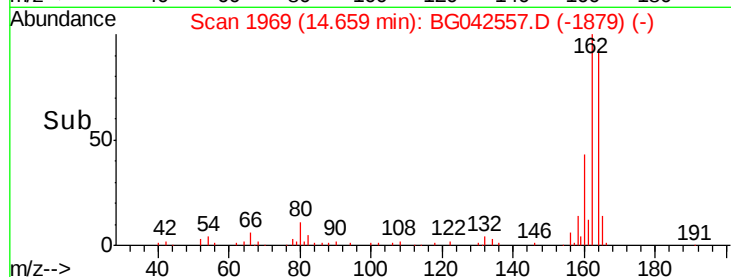
160 43.9 34.3 51.5



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: 42.716 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Tgt Ion:216 Resp: 133040

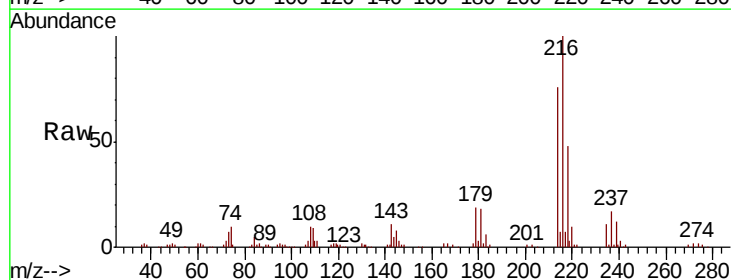
Ion Ratio Lower Upper

216 100

214 76.6 61.4 92.2

179 18.4 15.1 22.7

108 12.5 9.4 14.0

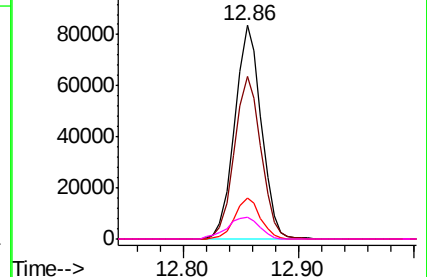
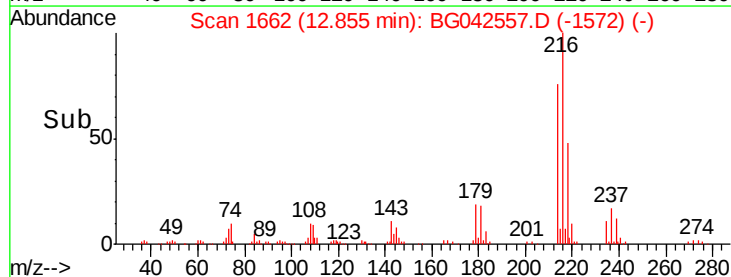


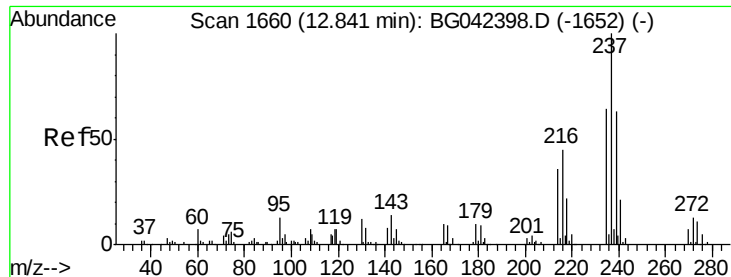
Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.388 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

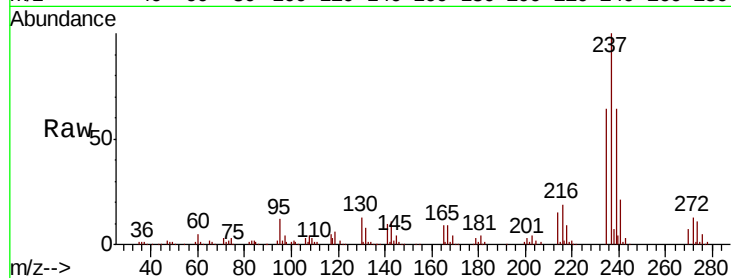
Tot Ion:237 Resp: 149512

Ion Ratio Lower Upper

237 100

235 63.6 43.7 83.7

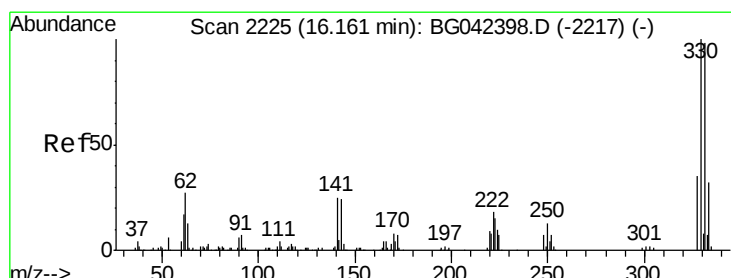
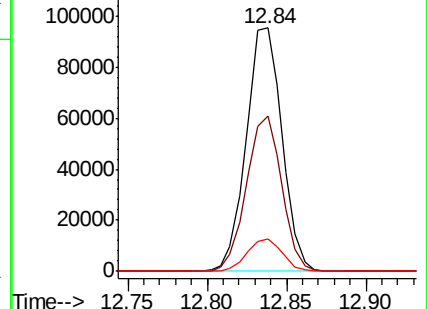
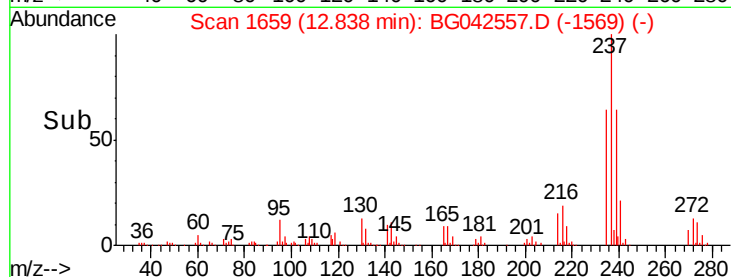
272 13.2 0.0 33.3



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: 108.526 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

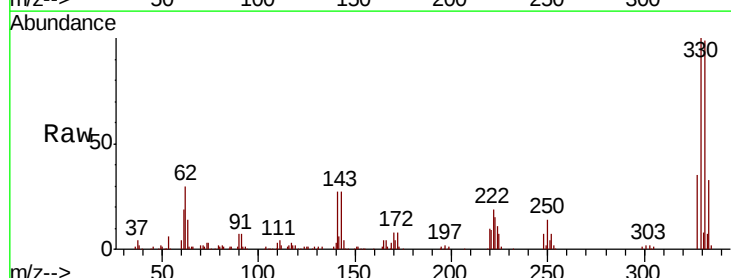
Tgt Ion:330 Resp: 149599

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

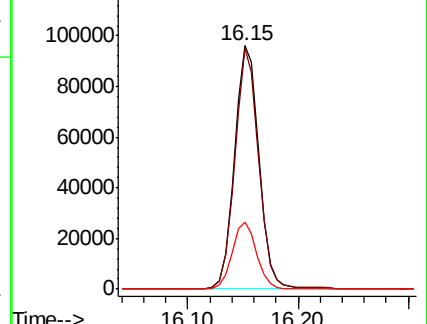
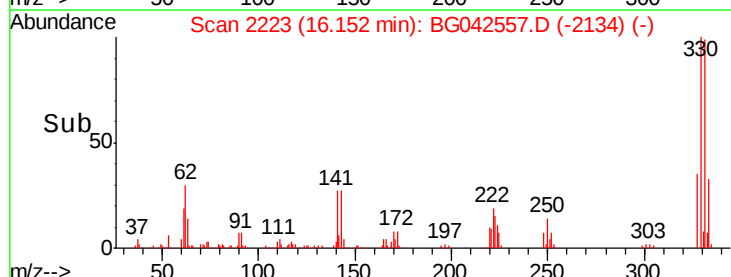
141 27.2 21.4 32.0

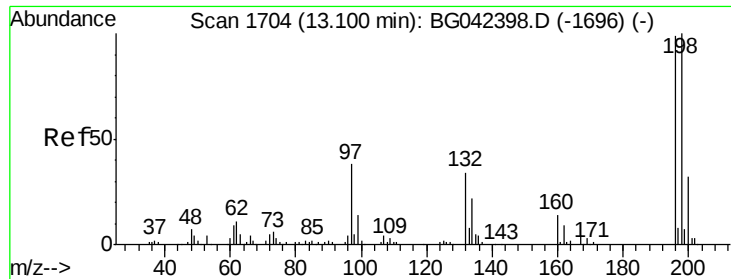


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

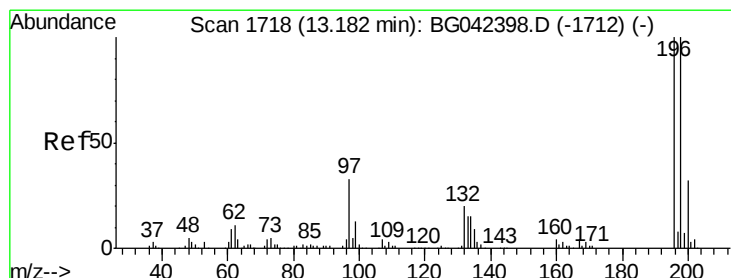
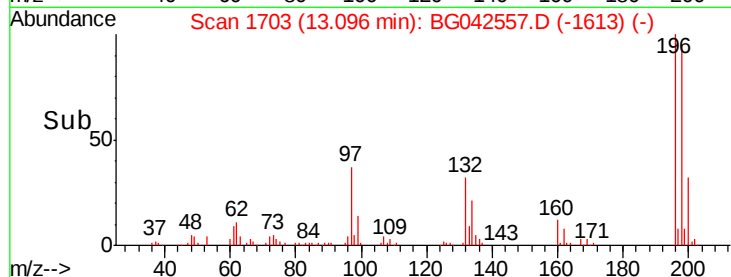
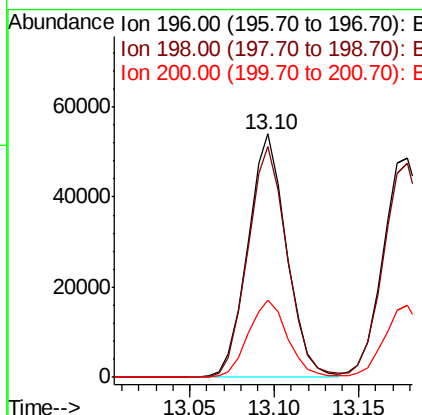
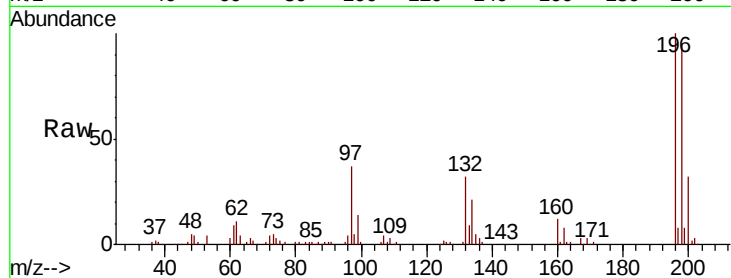




#43
 2,4,6-Trichlorophenol
 Concen: 40.822 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

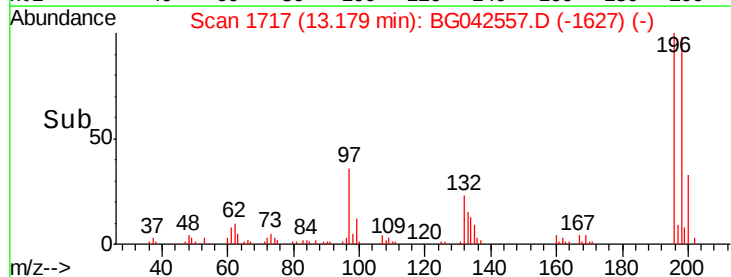
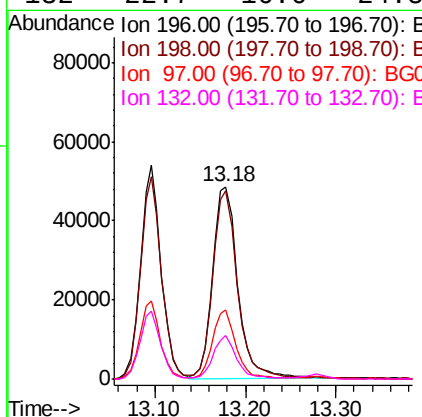
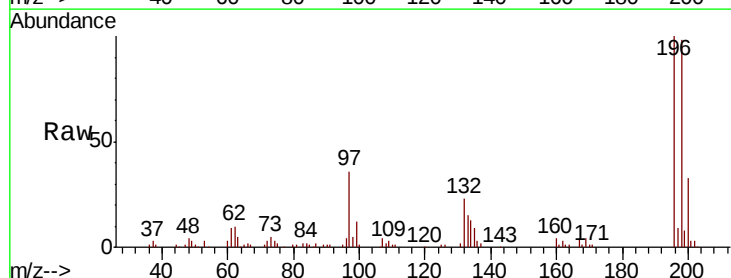
Instrument :
 BNA_G
 ClientSampleId :

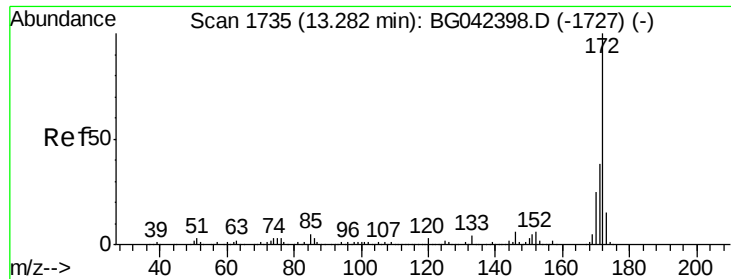
Tot Ion	196	Resp	85939
Ion	Ratio	Lower	Upper
196	100		
198	94.9	80.7	121.1
200	31.8	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.560 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion	196	Resp	92848
Ion	Ratio	Lower	Upper
196	100		
198	97.7	80.2	120.4
97	35.8	26.3	39.5
132	22.7	16.6	24.8

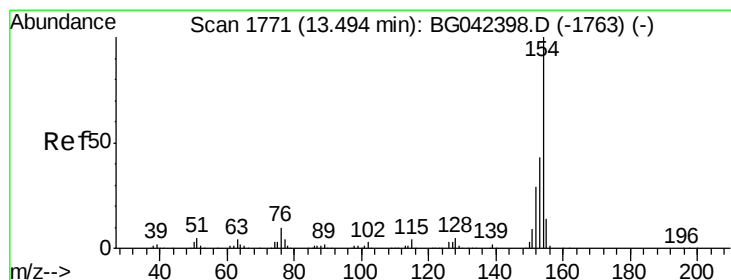
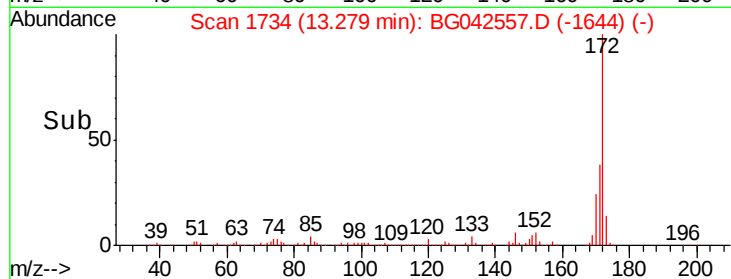
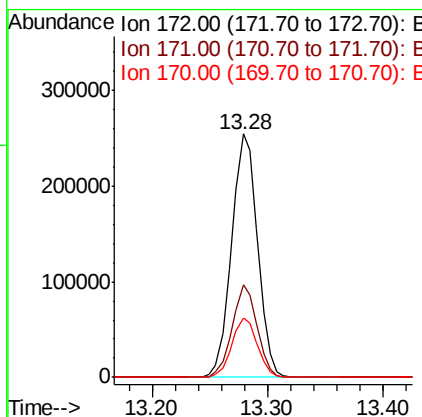
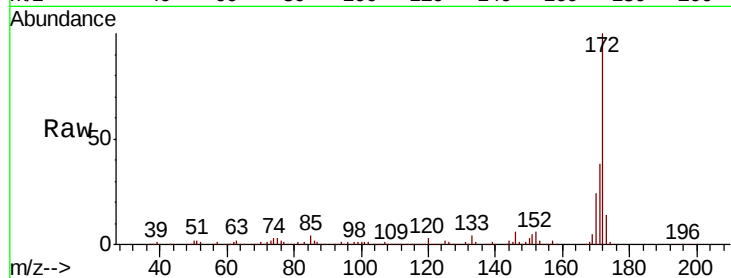




#45
2-Fluorobiphenyl
Concen: 69.051 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

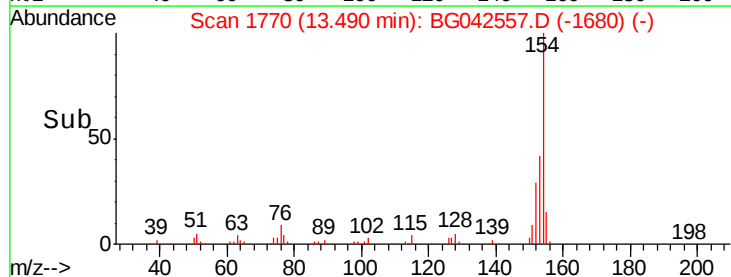
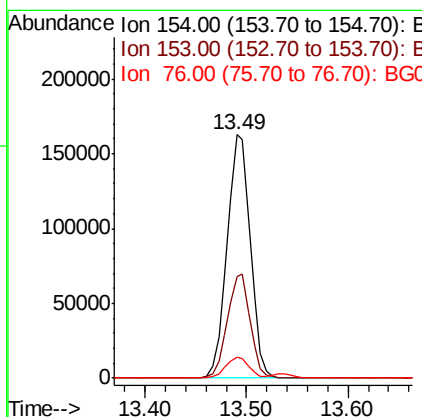
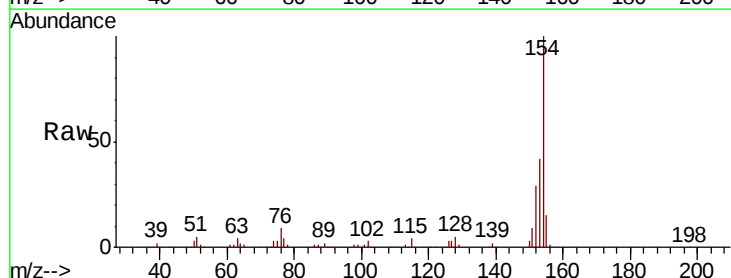
Instrument :
BNA_G
ClientSampleId :

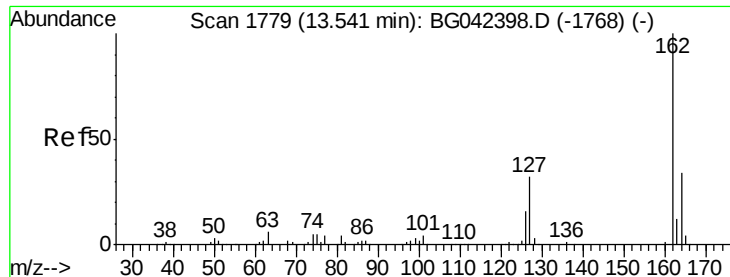
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.5	45.7
170	24.3	20.2	30.2



#46
1,1'-Biphenyl
Concen: 41.170 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	23.0	63.0
76	8.8	0.0	29.6

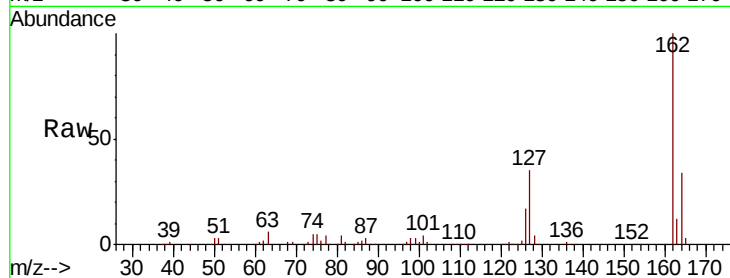




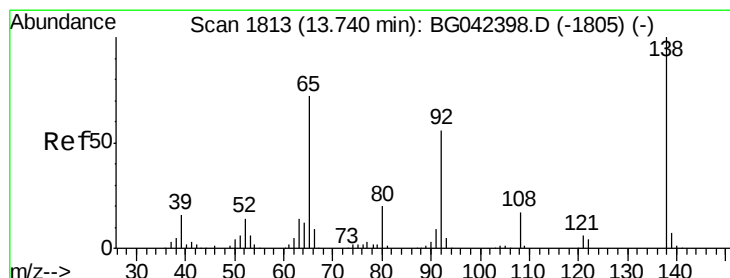
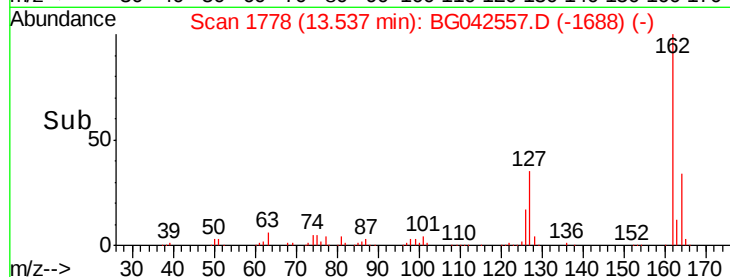
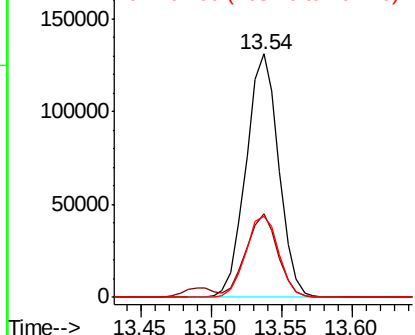
#47
 2-Chloronaphthalene
 Concen: 39.369 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 212817
 Ion Ratio Lower Upper
 162 100
 127 34.5 26.0 39.0
 164 33.6 27.4 41.0

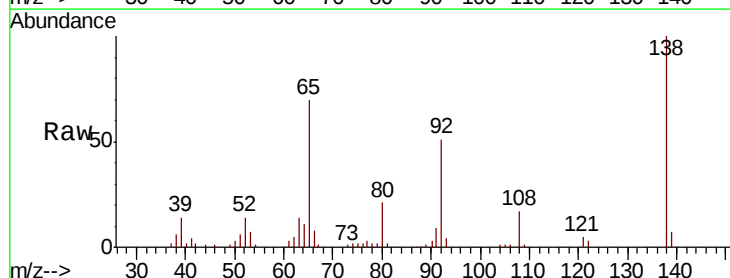


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

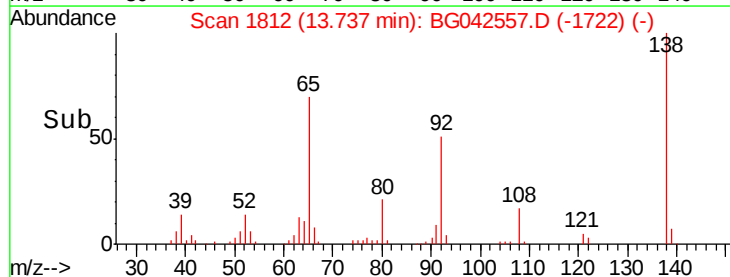
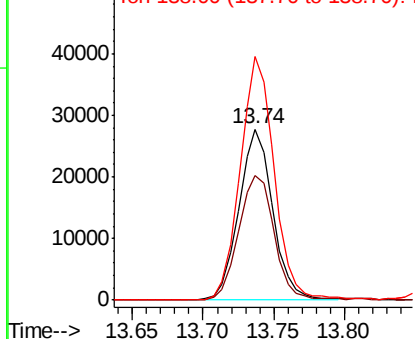


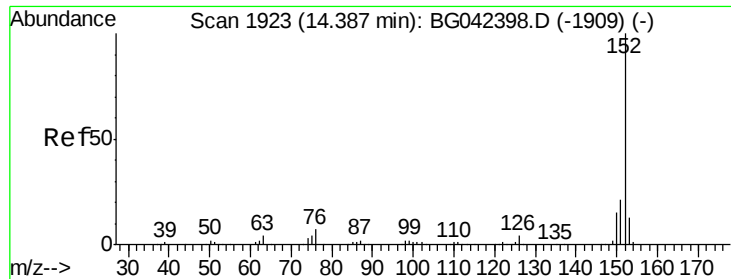
#48
 2-Nitroaniline
 Concen: 35.820 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion: 65 Resp: 46692
 Ion Ratio Lower Upper
 65 100
 92 72.6 61.8 92.6
 138 142.7 111.0 166.6



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: 41.389 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

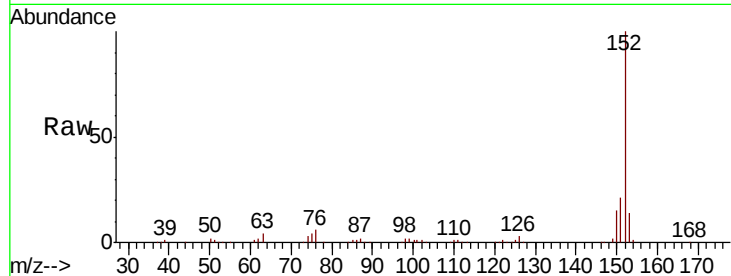
Tot Ion:152 Resp: 336596

Ion Ratio Lower Upper

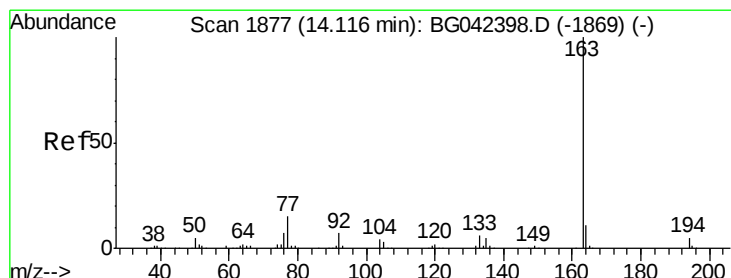
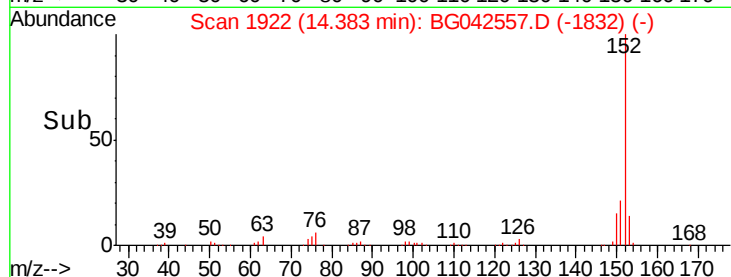
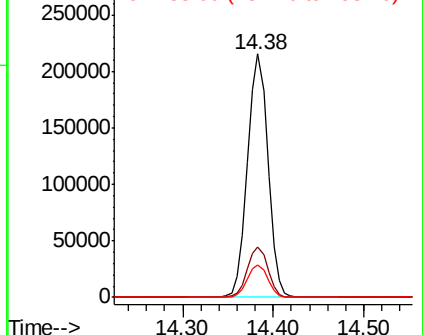
152 100

151 20.8 17.0 25.4

153 13.5 10.6 16.0



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



#50

Dimethylphthalate

Concen: 38.883 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

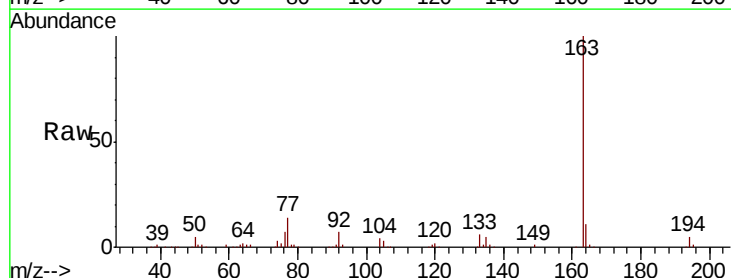
Tgt Ion:163 Resp: 272092

Ion Ratio Lower Upper

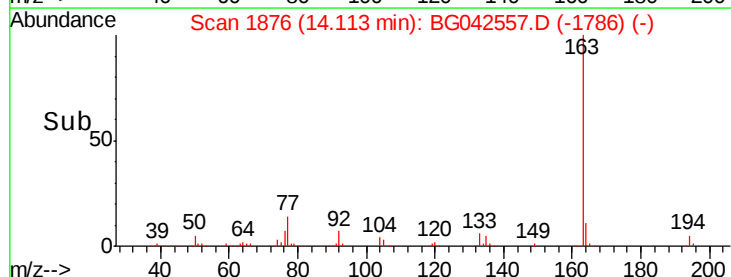
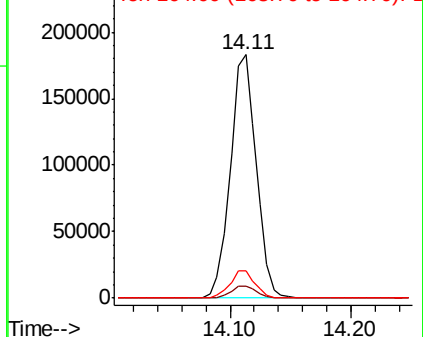
163 100

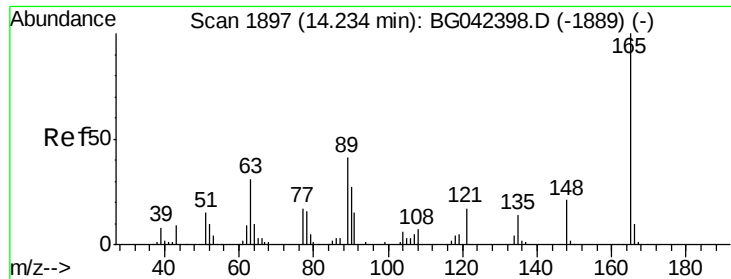
194 5.1 4.2 6.2

164 11.0 8.8 13.2



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

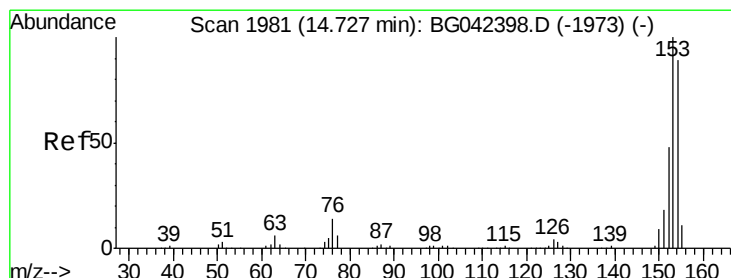
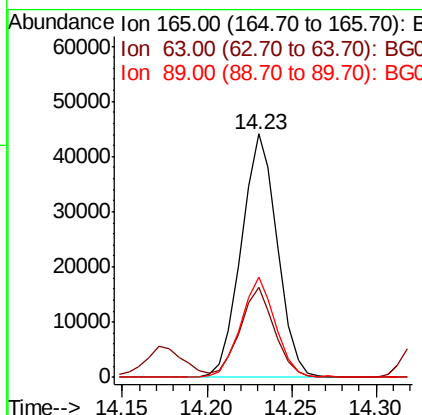
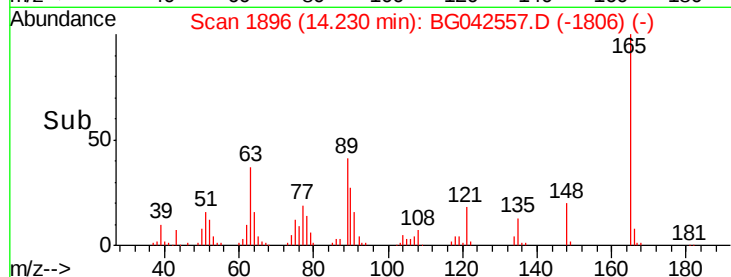
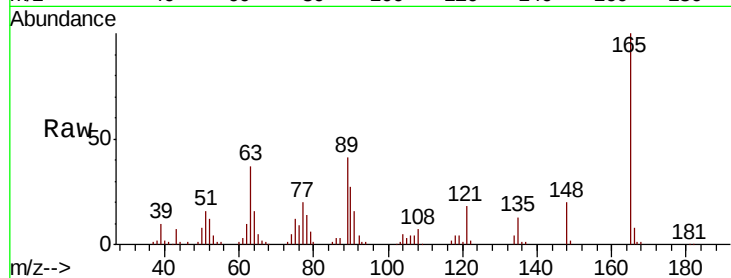




#51
 2,6-Dinitrotoluene
 Concen: 40.304 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

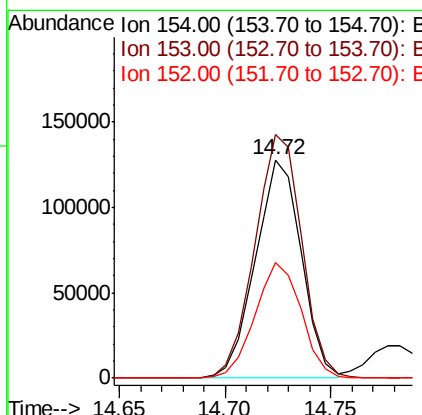
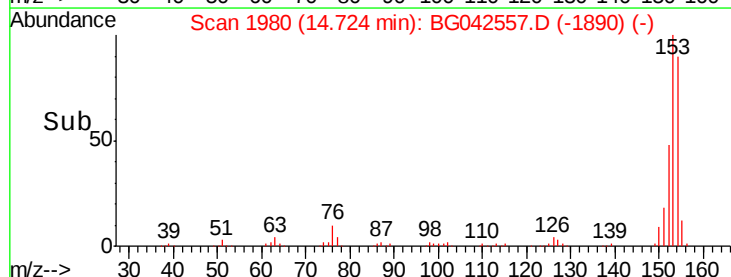
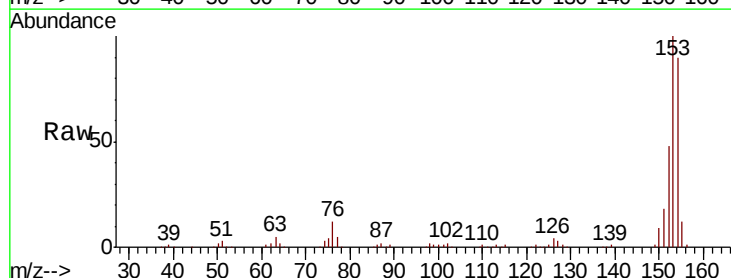
Instrument :
 BNA_G
 ClientSampled :

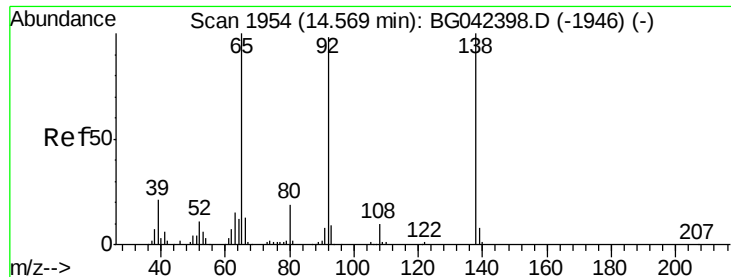
Tot Ion:165 Resp: 65374
 Ion Ratio Lower Upper
 165 100
 63 37.1 30.6 45.8
 89 41.3 32.6 49.0



#52
 Acenaphthene
 Concen: 39.166 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion:154 Resp: 193414
 Ion Ratio Lower Upper
 154 100
 153 111.7 90.2 135.4
 152 53.3 43.2 64.8

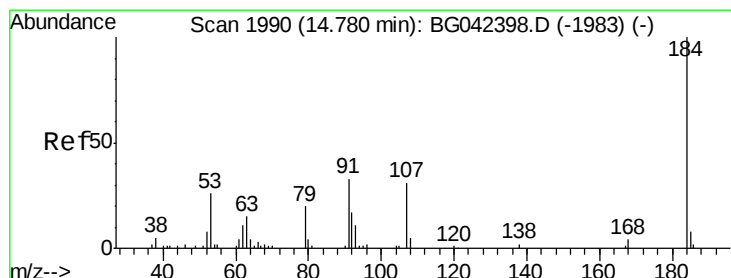
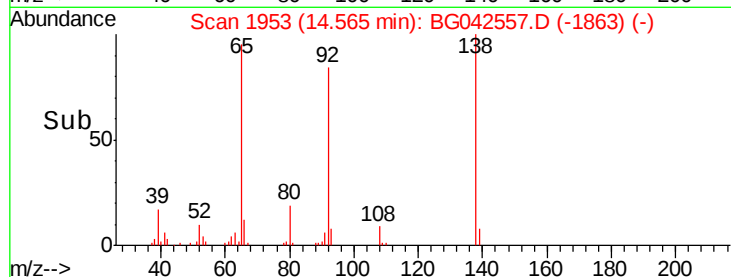
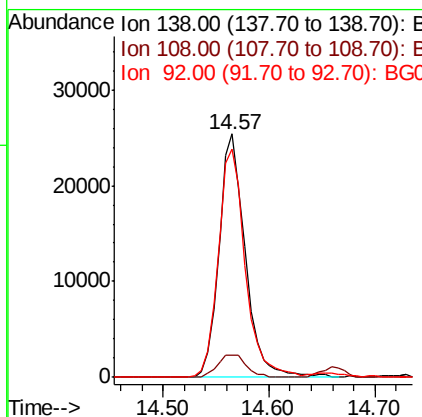
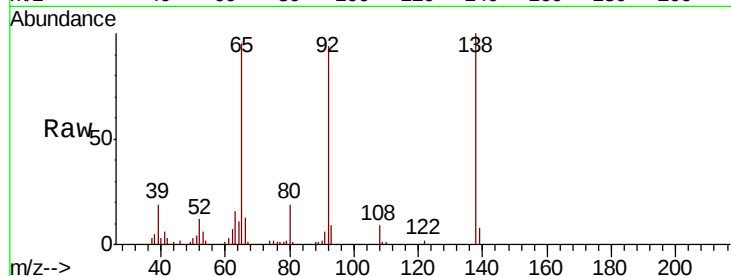




#53
3-Nitroaniline
Concen: 27.124 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

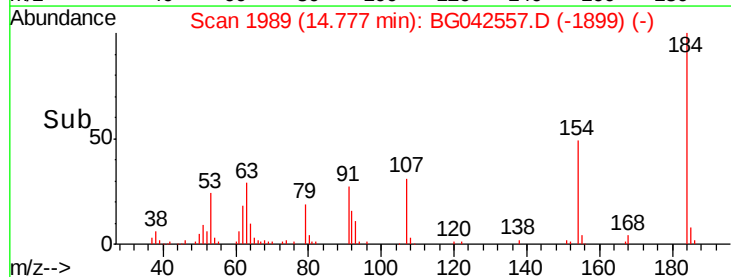
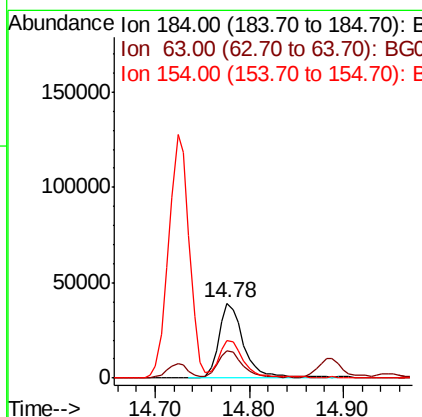
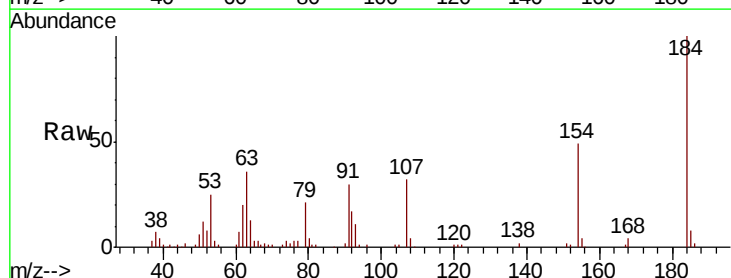
Instrument :
BNA_G
ClientSampleId :

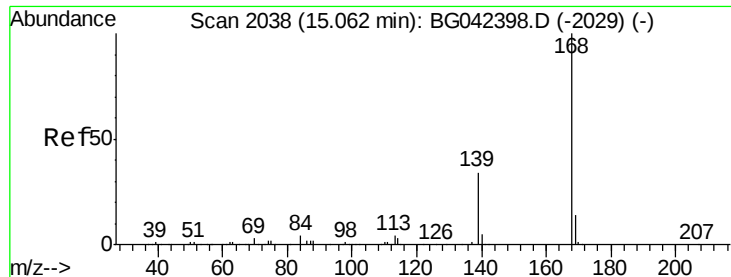
Tot Ion:138 Resp: 44000
Ion Ratio Lower Upper
138 100
108 9.1 8.3 12.5
92 93.9 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 68.201 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Tgt Ion:184 Resp: 73475
Ion Ratio Lower Upper
184 100
63 35.7 31.7 47.5
154 49.1 42.0 63.0

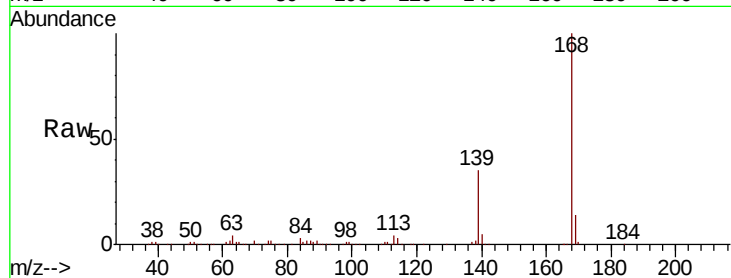




#55
Dibenzofuran
Concen: 41.446 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.8	27.2	40.8
169	13.9	11.5	17.3

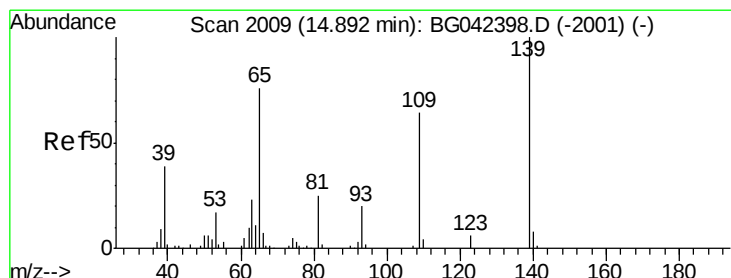
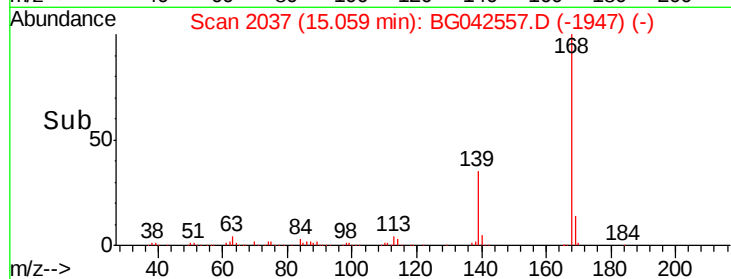
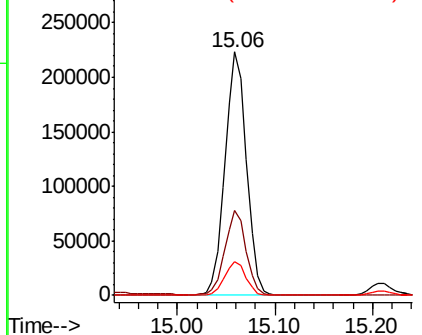


Abundance

Ion 168.00 (167.70 to 168.70): E

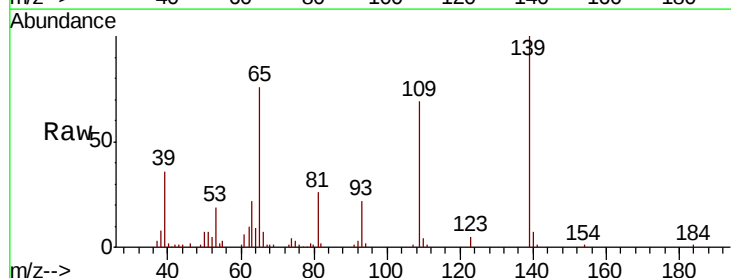
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 79.647 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.9	43.9	83.9
65	75.7	56.3	96.3

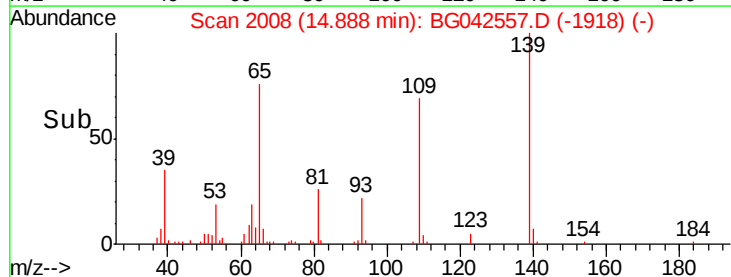
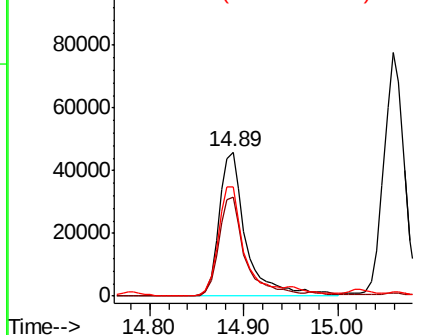


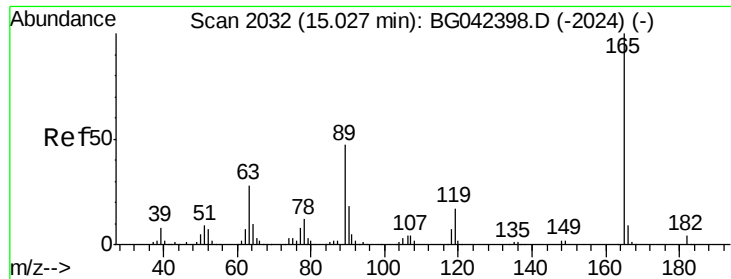
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

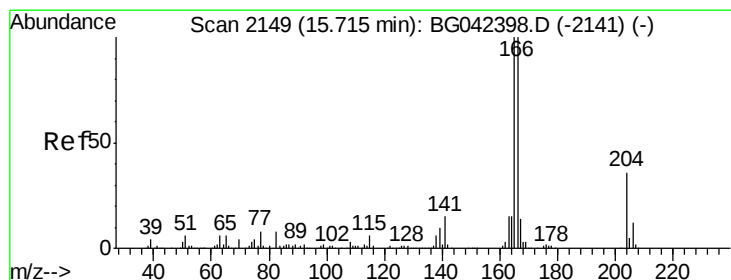
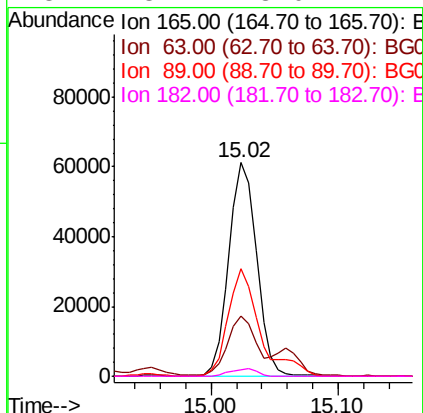
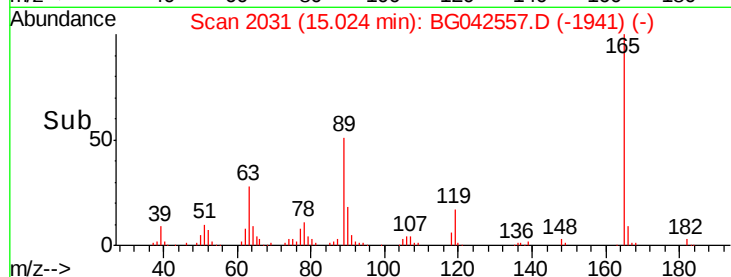
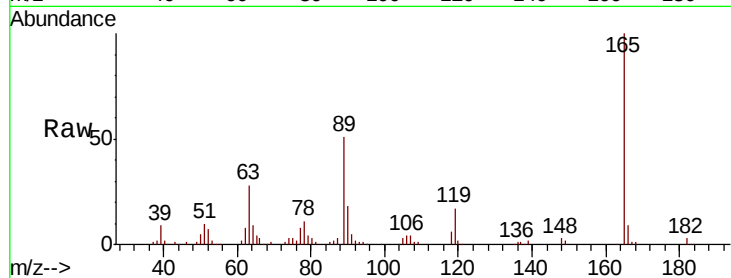




#57
 2,4-Dinitrotoluene
 Concen: 40.104 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

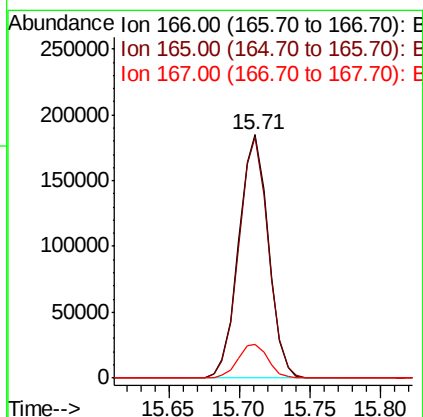
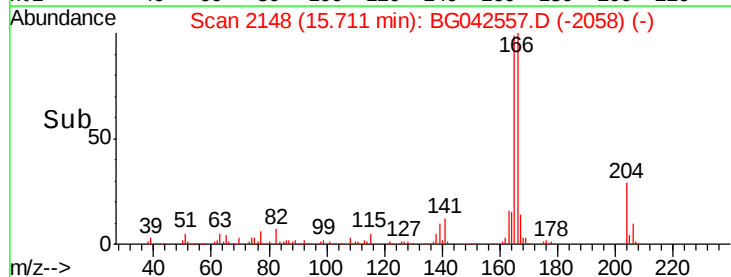
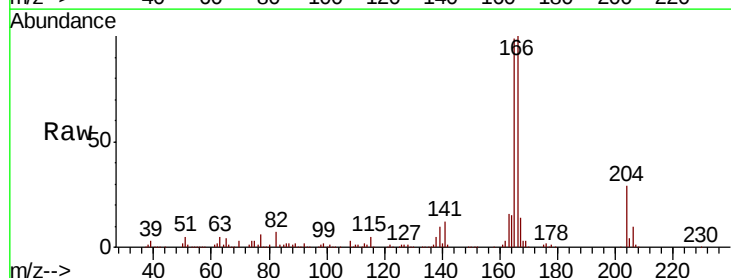
Instrument :
 BNA_G
 ClientSampled :

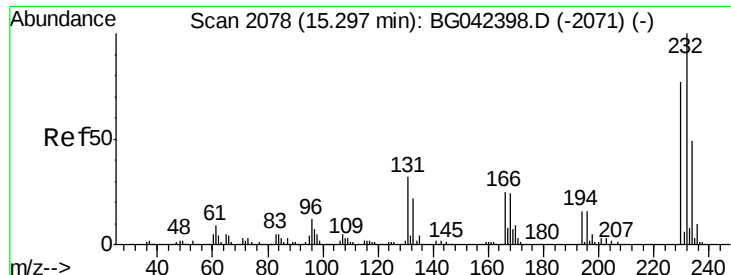
Tot Ion:165	Resp:	93149
Ion Ratio	Lower	Upper
165	100	
63	28.1	22.5 33.7
89	50.6	37.8 56.6
182	3.1	3.0 4.4



#58
 Fluorene
 Concen: 40.726 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion:166	Resp:	272127
Ion Ratio	Lower	Upper
166	100	
165	99.0	79.7 119.5
167	13.8	10.9 16.3

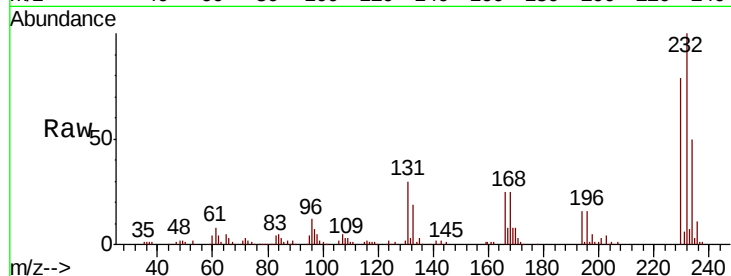




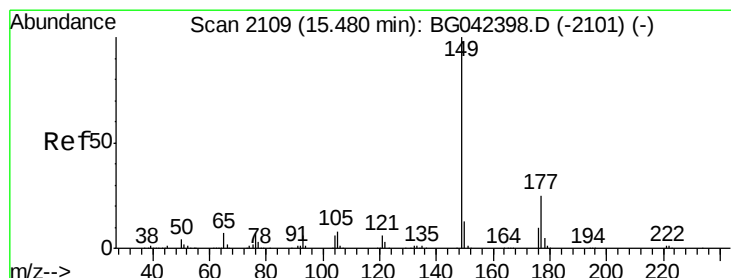
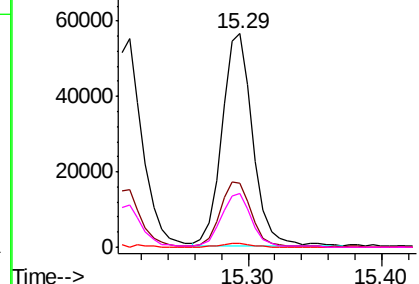
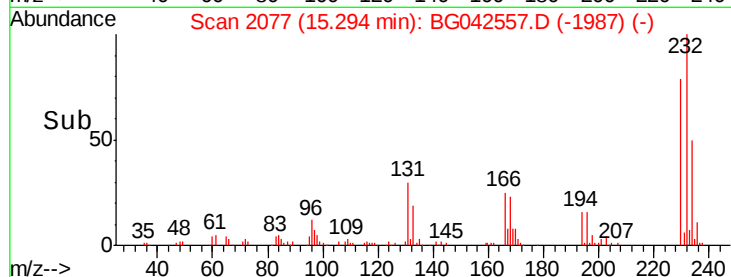
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.206 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	91057
Ion Ratio	Lower	Upper
232	100	
131	31.9	22.9 34.3
130	1.8	1.4 2.0
166	25.5	17.0 25.4#

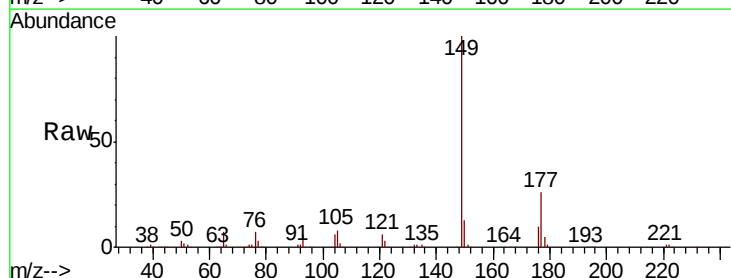


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

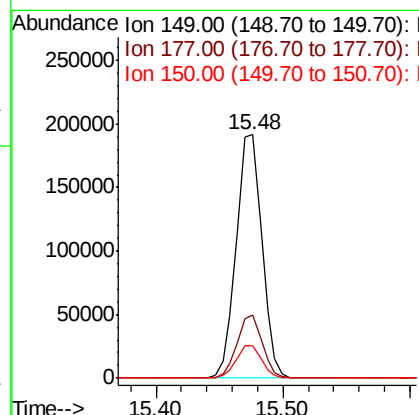
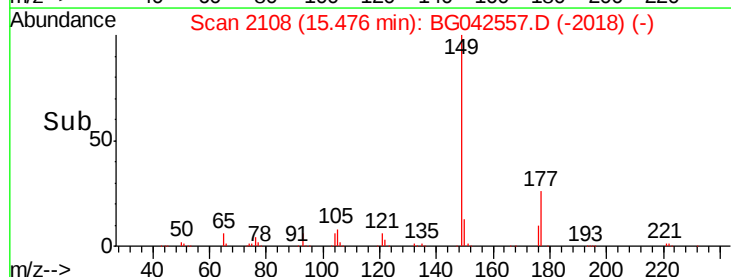


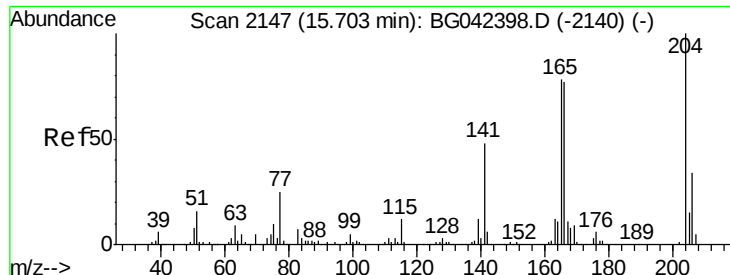
#60
 Diethylphthalate
 Concen: 39.146 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion:149	Resp:	267787
Ion Ratio	Lower	Upper
149	100	
177	25.9	20.4 30.6
150	13.1	10.3 15.5



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

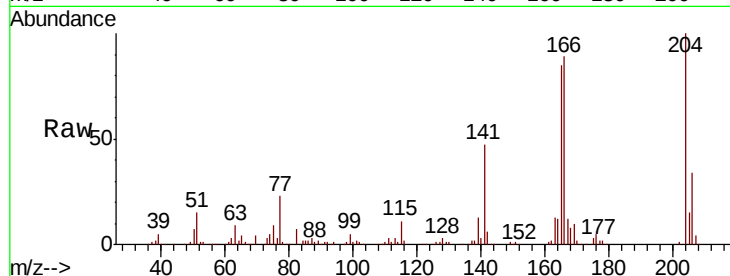




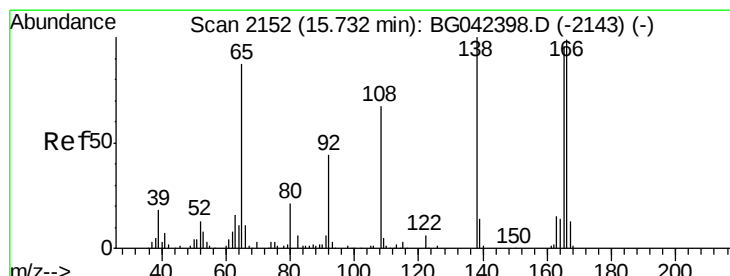
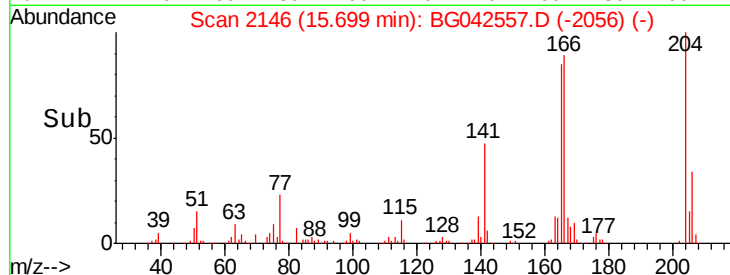
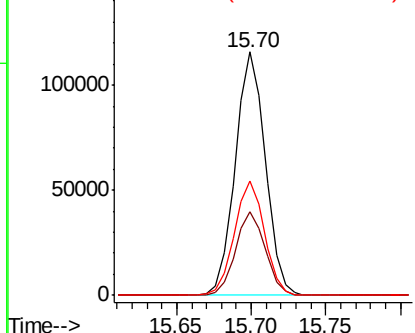
#61
 4-Chlorophenyl-phenylether
 Concen: 40.316 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 162392
 Ion Ratio Lower Upper
 204 100
 206 34.1 27.2 40.8
 141 47.1 38.7 58.1

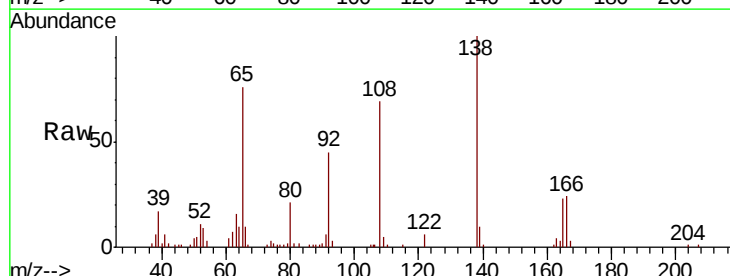


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

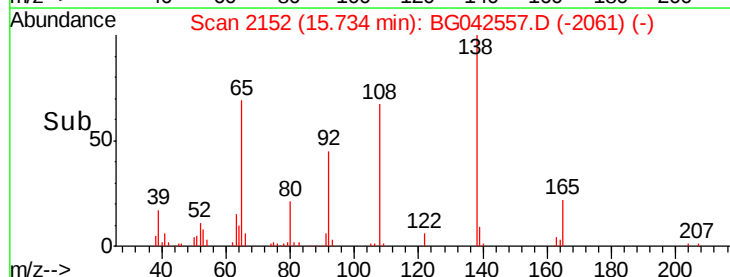
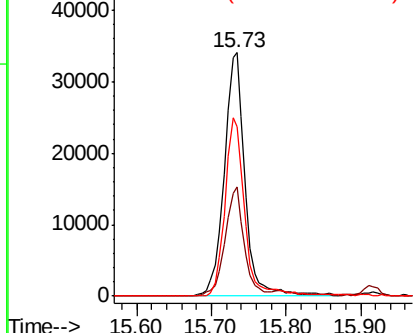


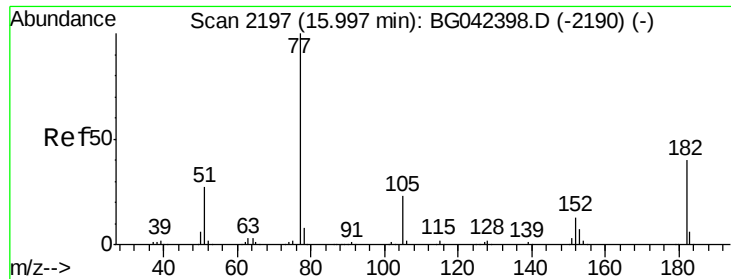
#62
 4-Nitroaniline
 Concen: 38.222 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion:138 Resp: 66359
 Ion Ratio Lower Upper
 138 100
 92 44.8 24.2 64.2
 108 69.4 46.8 86.8



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

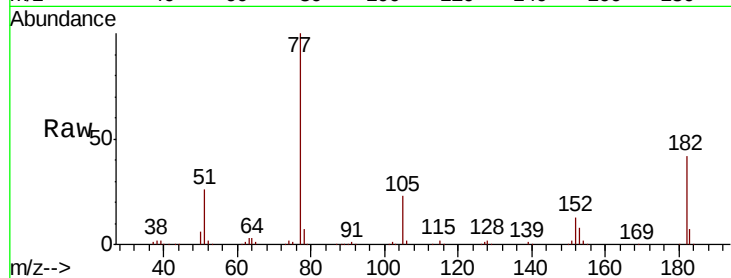




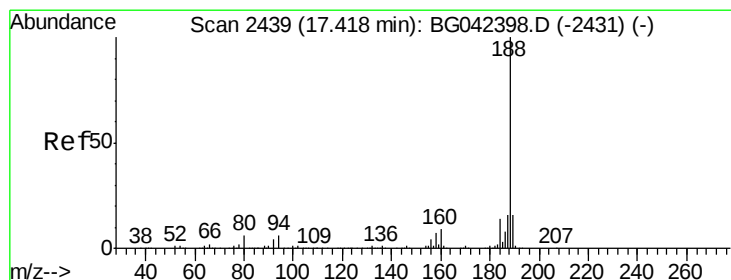
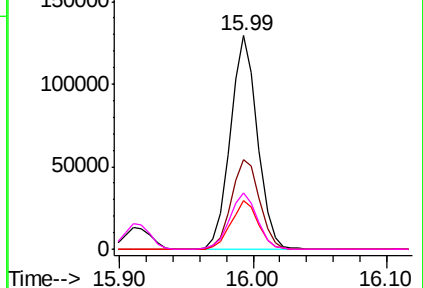
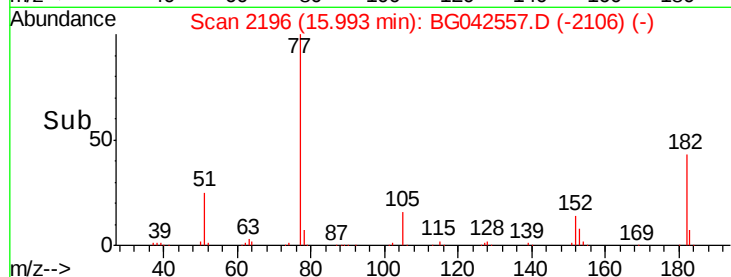
#63
Azobenzene
Concen: 38.960 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	182623
Ion	Ratio	Lower	Upper
77	100		
182	41.8	19.9	59.9
105	22.9	2.9	42.9
51	26.1	7.6	47.6

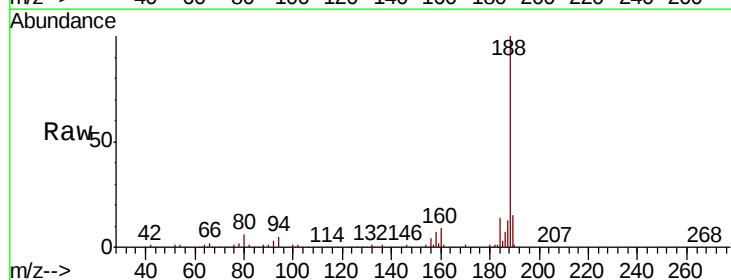


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

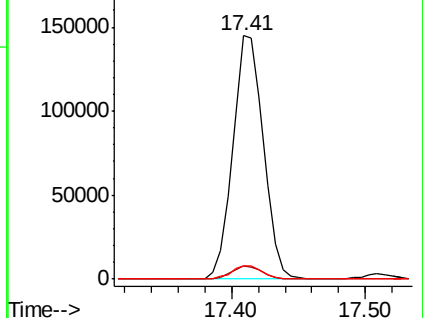
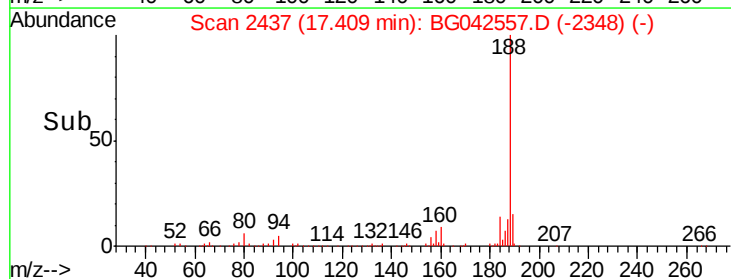


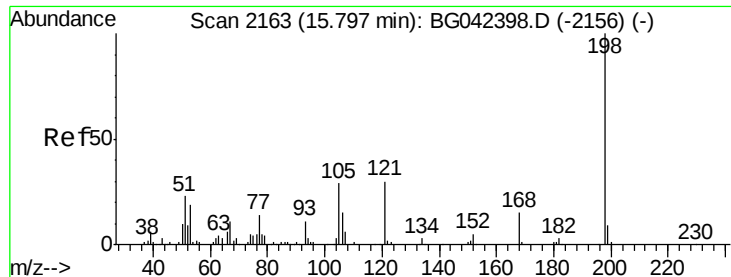
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Tgt Ion:	188	Resp:	229909
Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.5	6.7
80	5.6	4.9	7.3



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: 42.991 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

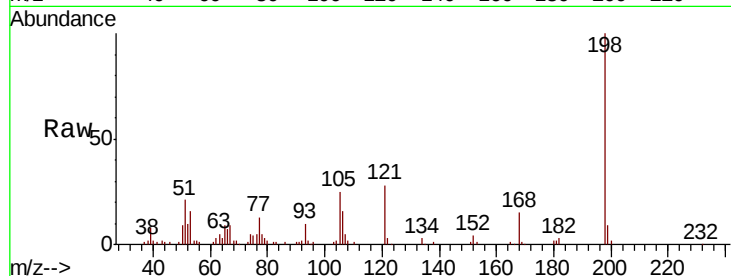
Tot Ion:198 Resp: 61969

Ion Ratio Lower Upper

198 100

51 21.1 4.2 44.2

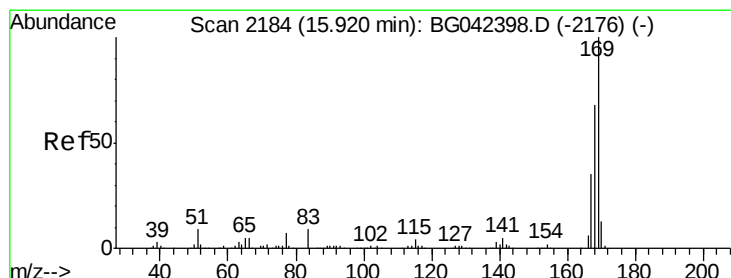
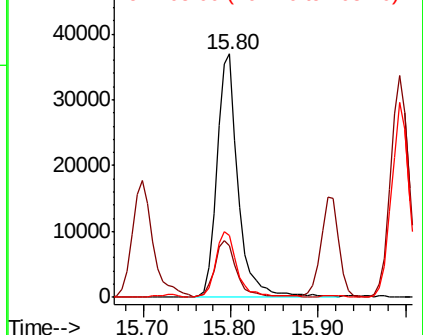
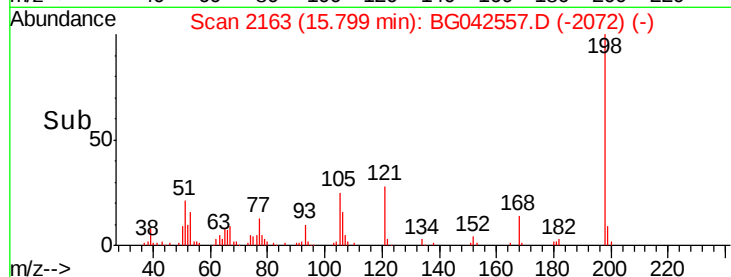
105 25.4 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.077 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

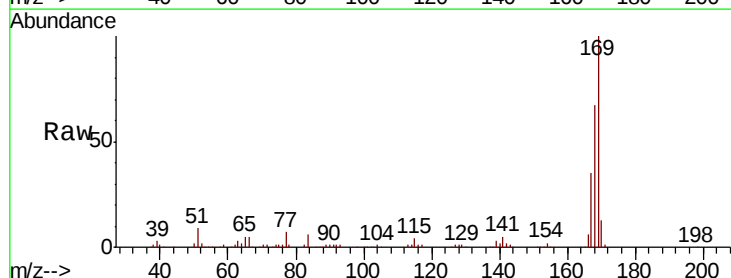
Tgt Ion:169 Resp: 253395

Ion Ratio Lower Upper

169 100

168 66.8 54.3 81.5

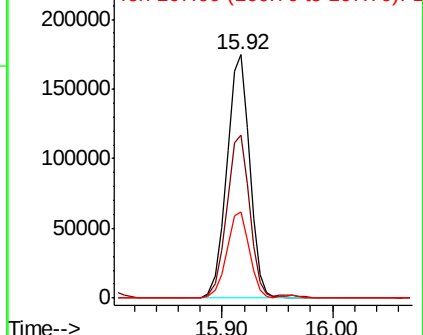
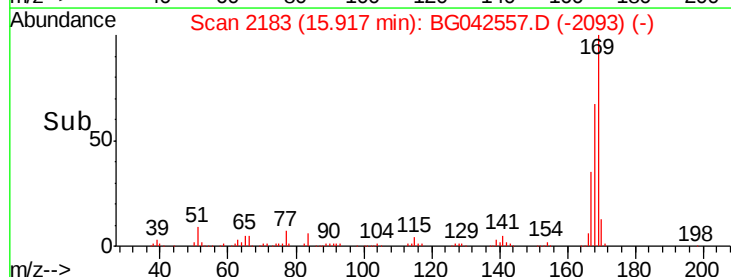
167 35.3 28.2 42.2

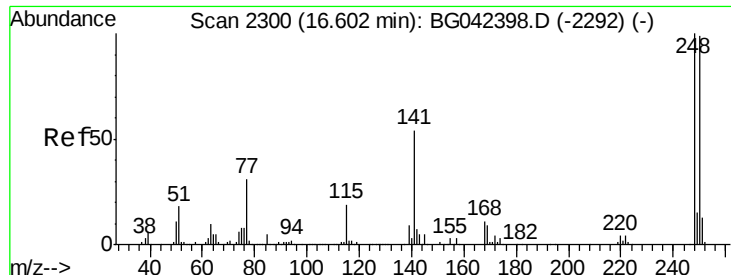


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

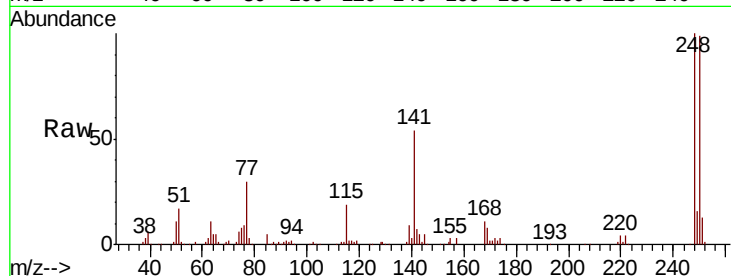




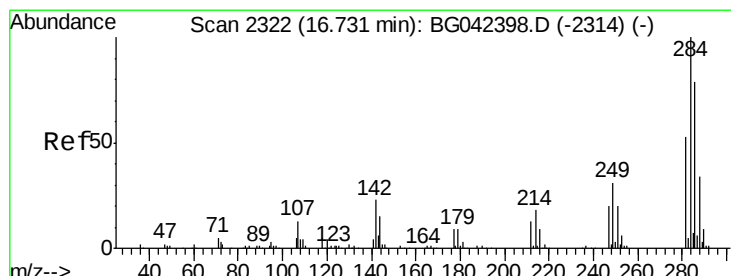
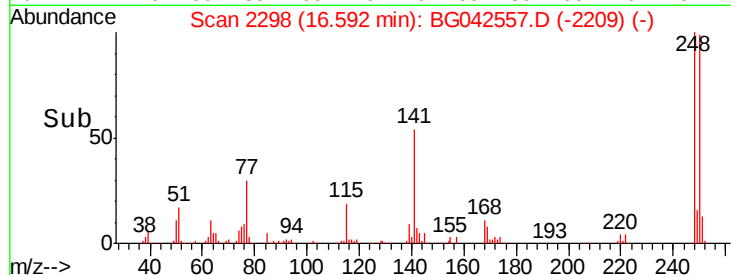
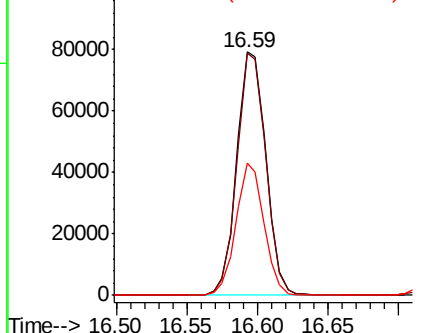
#67
 4-Bromophenyl-phenylether
 Concen: 39.246 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 114451
 Ion Ratio Lower Upper
 248 100
 250 99.3 78.9 118.3
 141 54.4 43.3 64.9

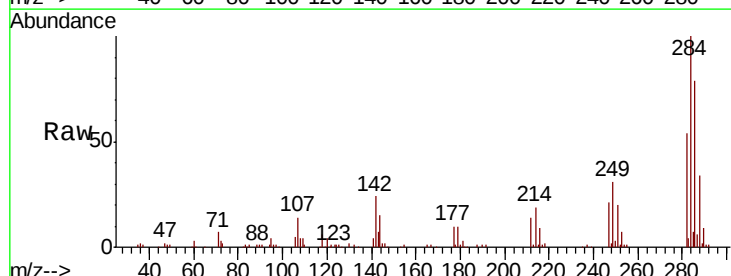


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

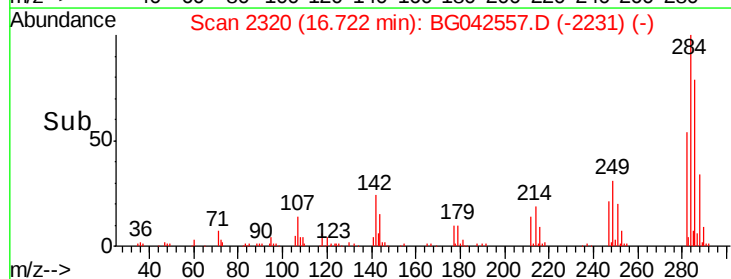
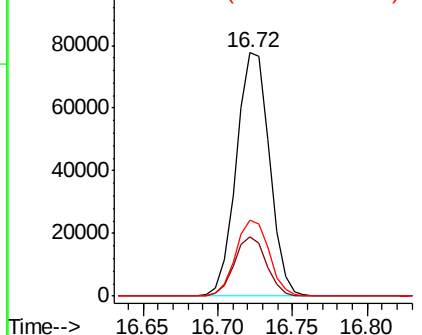


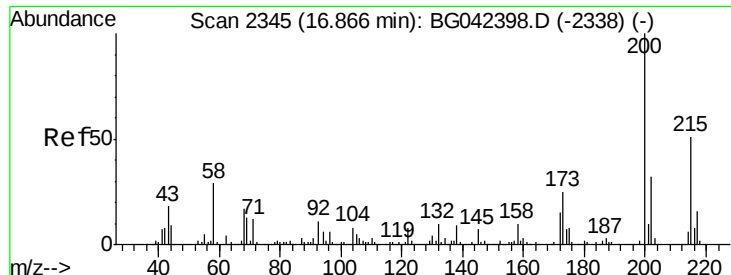
#68
 Hexachlorobenzene
 Concen: 37.757 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion:284 Resp: 119697
 Ion Ratio Lower Upper
 284 100
 142 24.3 18.2 27.4
 249 31.4 25.0 37.4



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

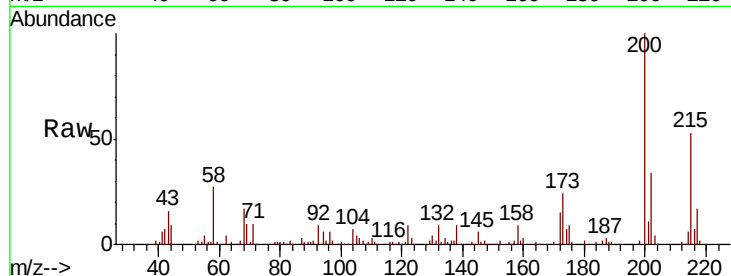




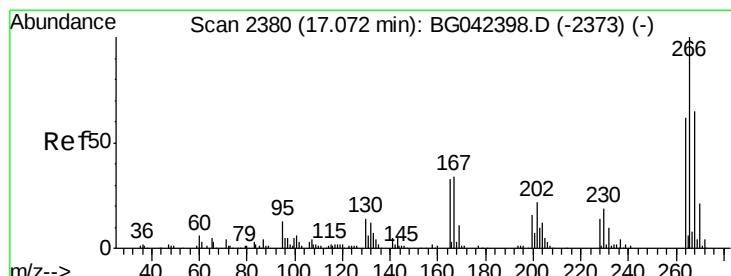
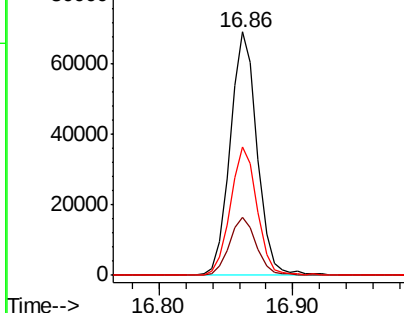
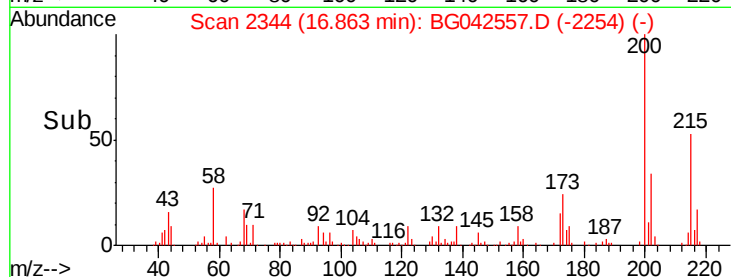
#69
 Atrazine
 Concen: 43.643 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	4.9	44.9
215	52.9	30.7	70.7

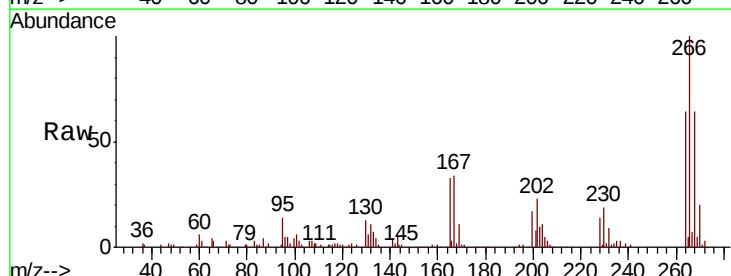


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

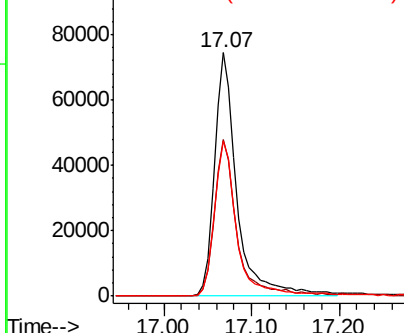
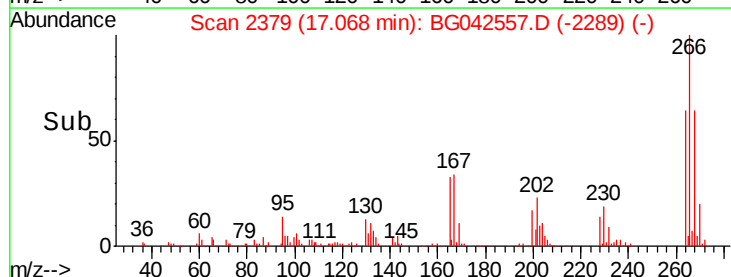


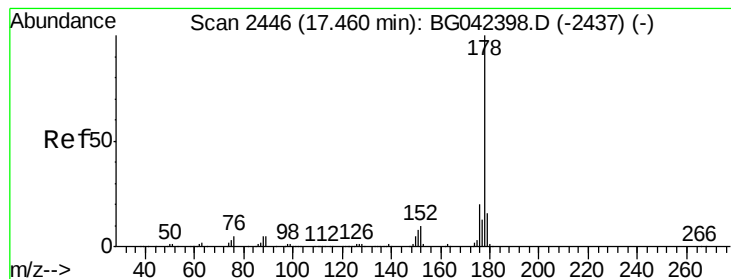
#70
 Pentachlorophenol
 Concen: 80.410 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.1	78.1
264	64.0	49.4	74.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.153 ng

RT: 17.46 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

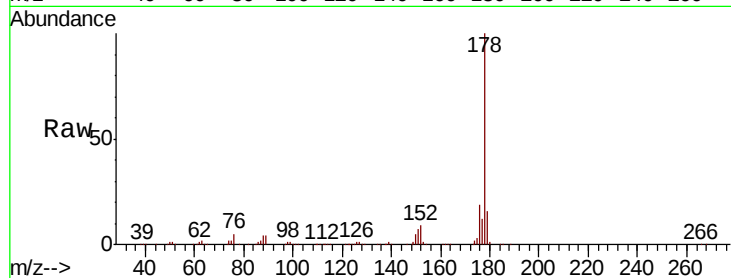
Tot Ion:178 Resp: 469966

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

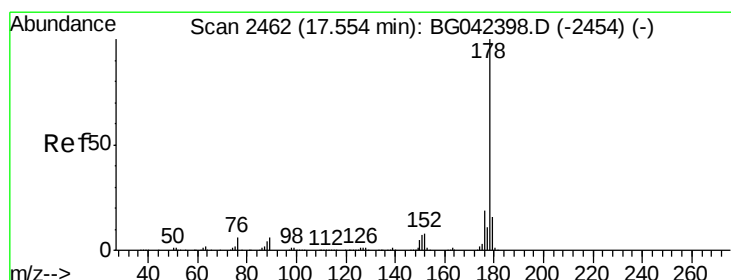
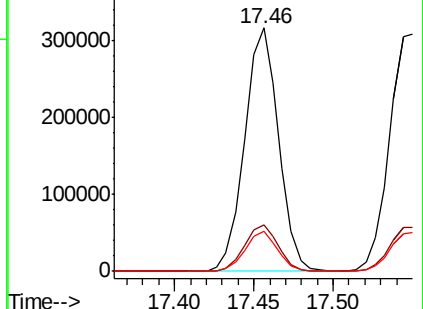
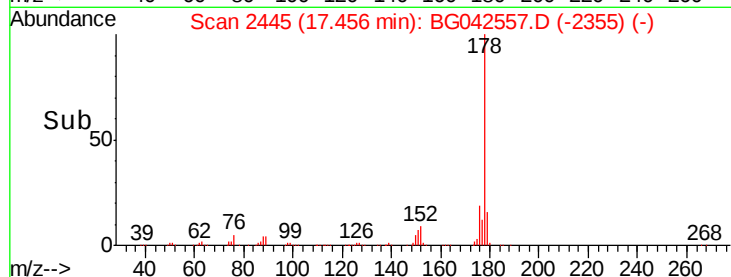
179 16.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.945 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

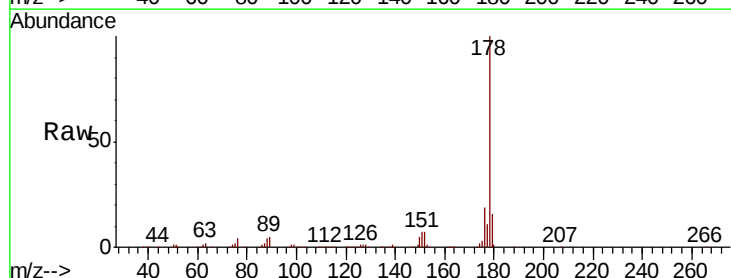
Tgt Ion:178 Resp: 478200

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

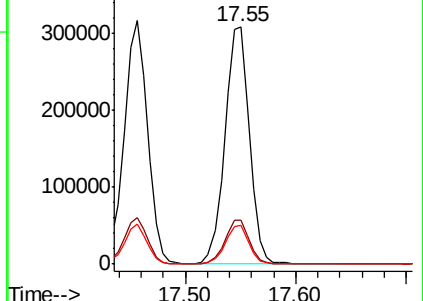
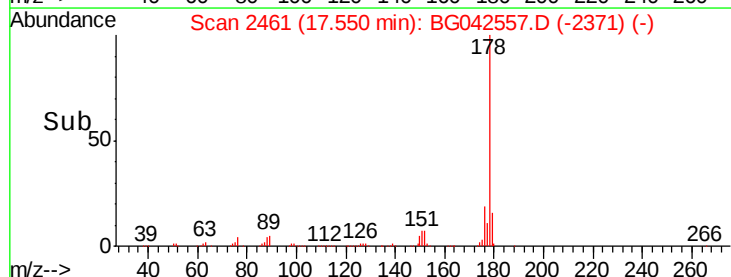
179 16.2 12.9 19.3

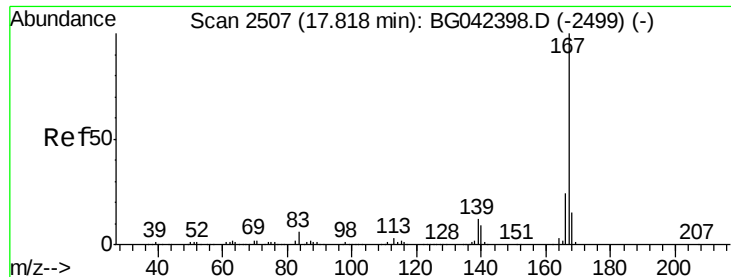


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

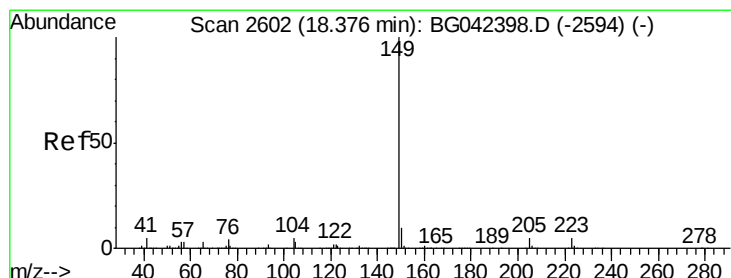
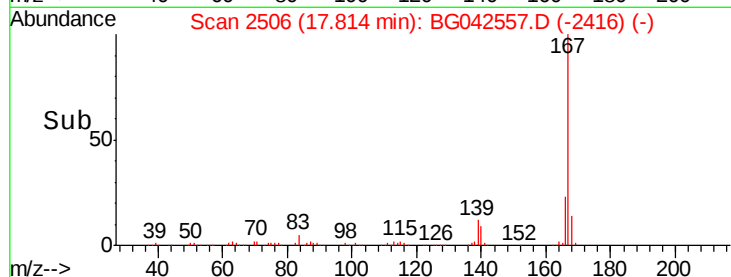
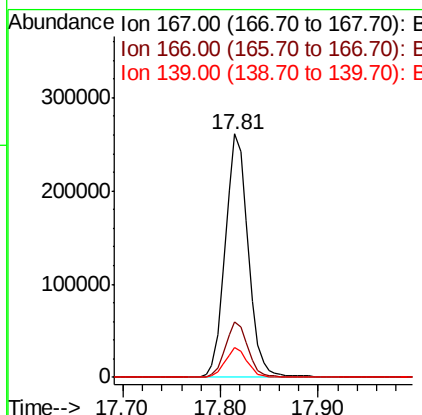
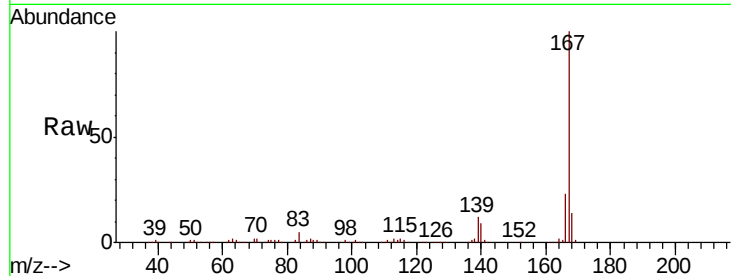




#73
 Carbazole
 Concen: 41.969 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

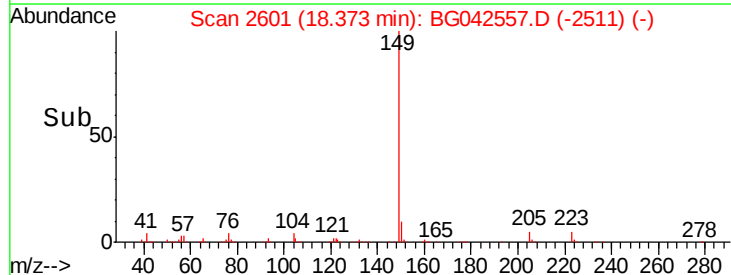
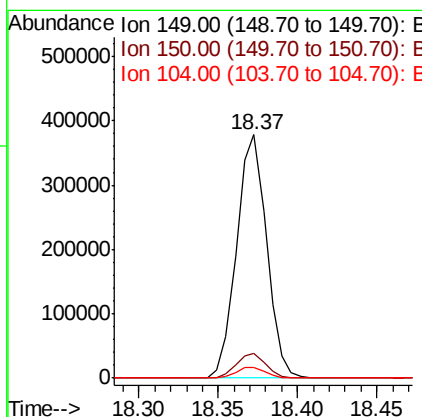
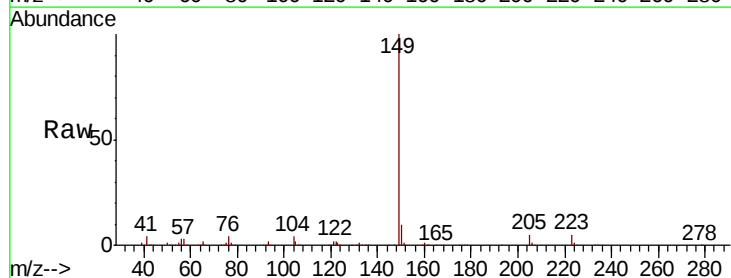
Instrument :
 BNA_G
 ClientSampleId :

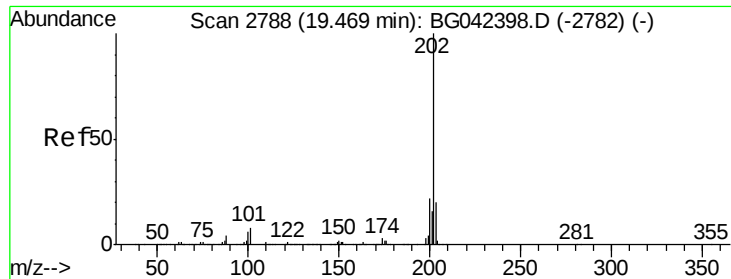
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.9	28.3
139	12.1	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 41.251 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 46.009 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042557.D

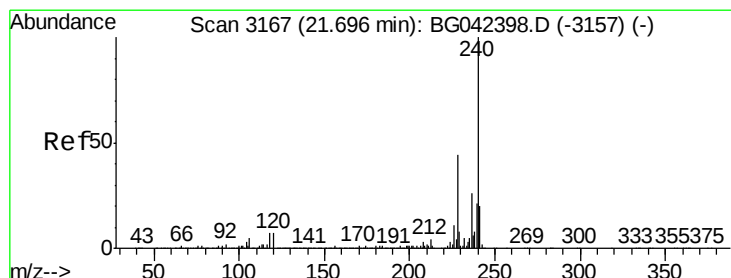
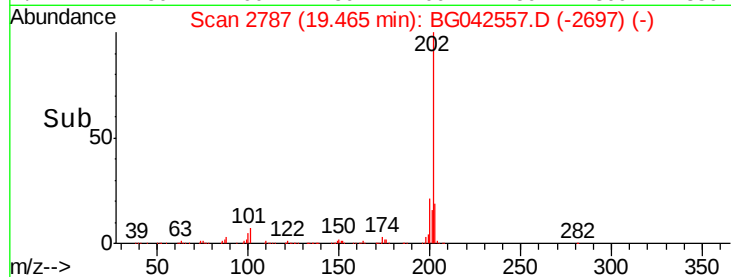
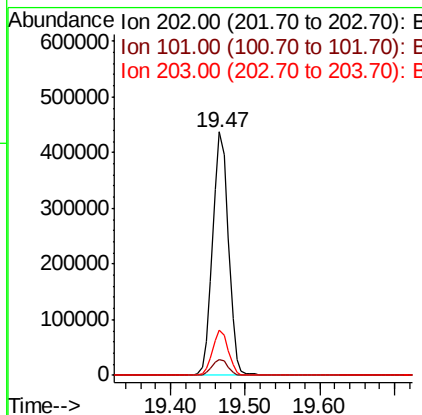
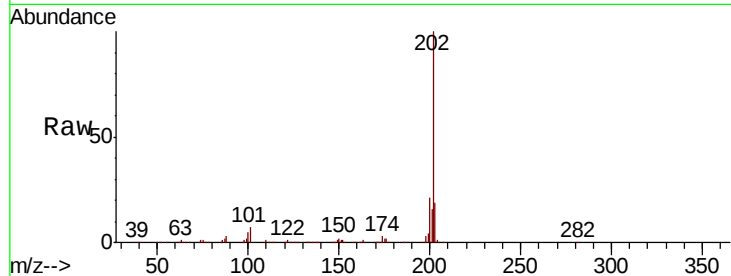
Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	641236
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.3
203	18.6	0.0	39.6



#76

Chrysene-d12

Concen: 20.000 ng

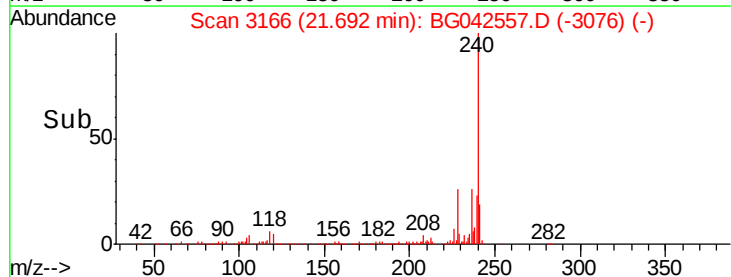
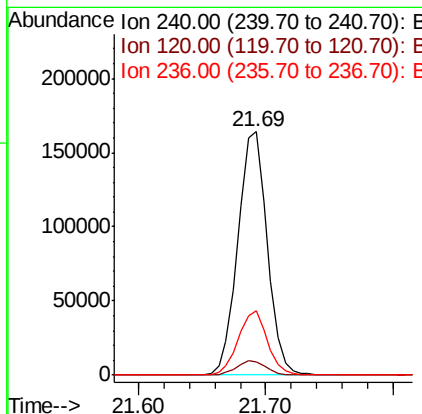
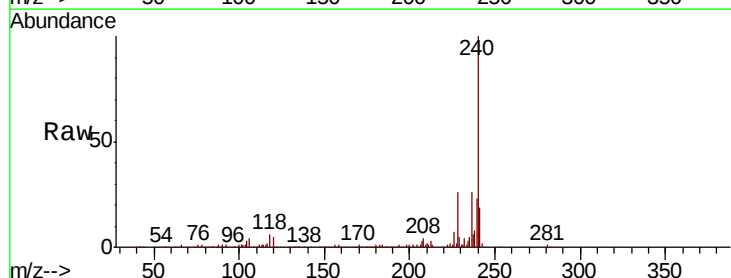
RT: 21.69 min Scan# 3166

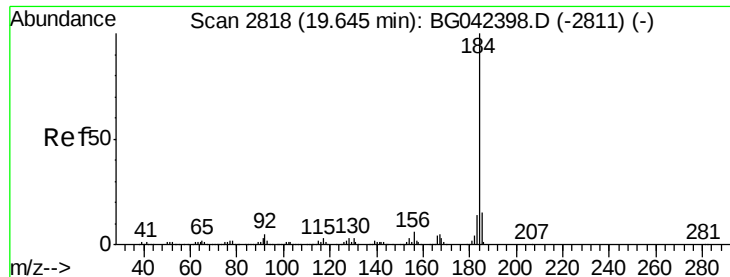
Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Tgt Ion:	240	Resp:	263014
Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.7	8.5#
236	26.4	21.0	31.4





#77

Benzidine

Concen: 40.174 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

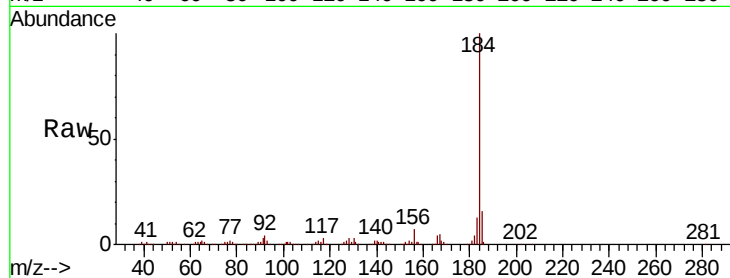
Tot Ion:184 Resp: 302942

Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.4

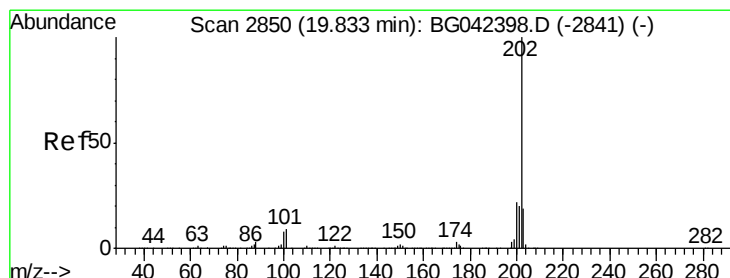
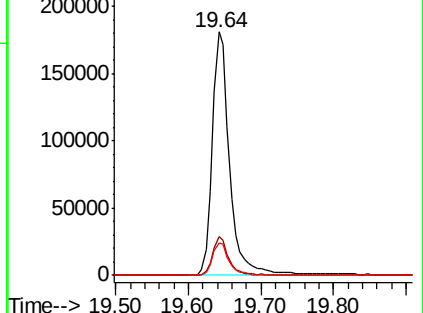
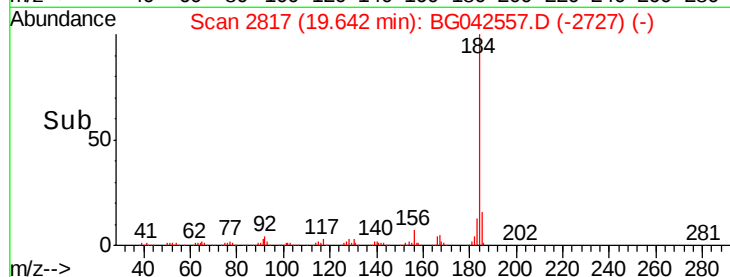
183 13.1 10.8 16.2



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: 40.192 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

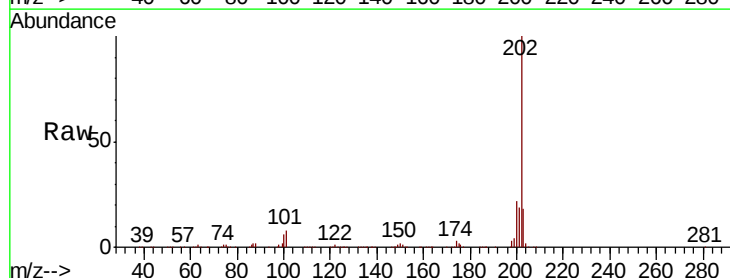
Tgt Ion:202 Resp: 648109

Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.6

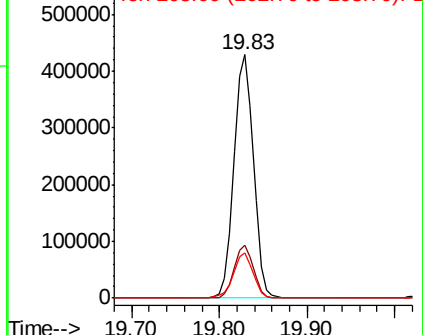
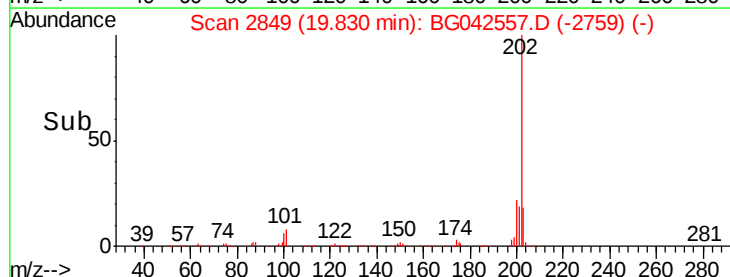
203 18.3 15.5 23.3

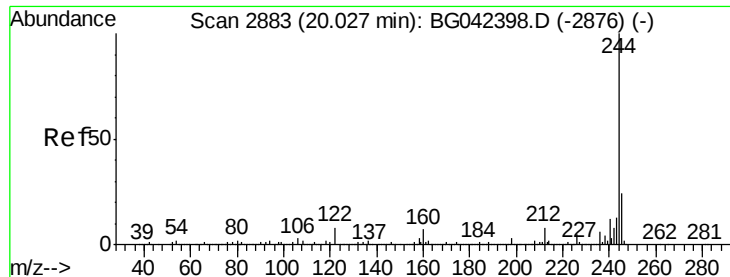


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.824 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

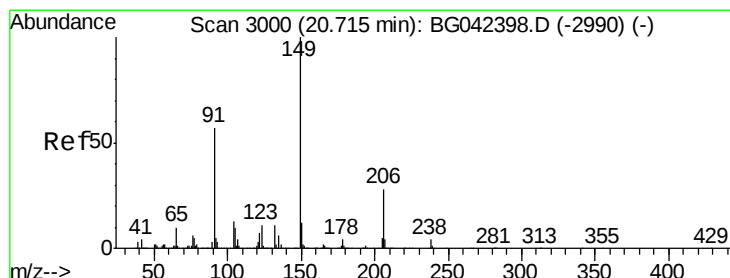
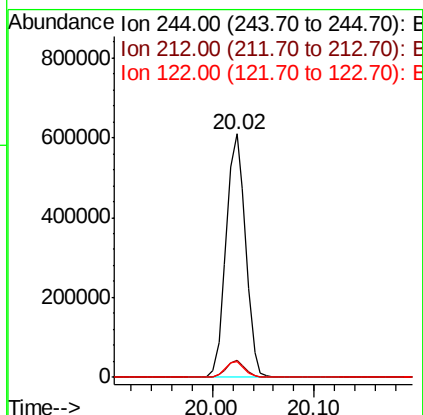
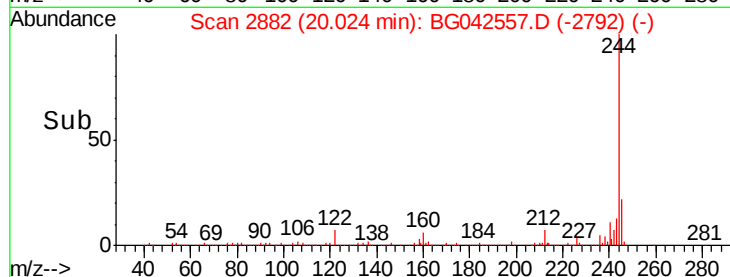
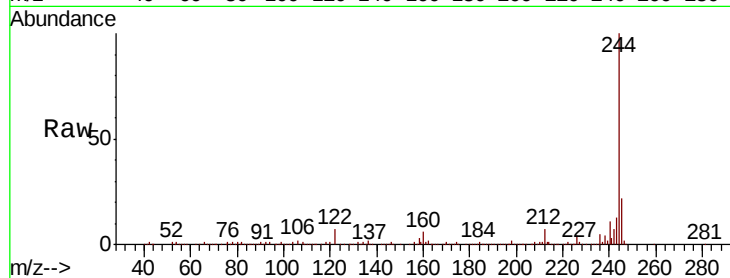
Tot Ion:244 Resp: 812971

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 6.6 6.7 10.1#



#80

Butylbenzylphthalate

Concen: 38.024 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

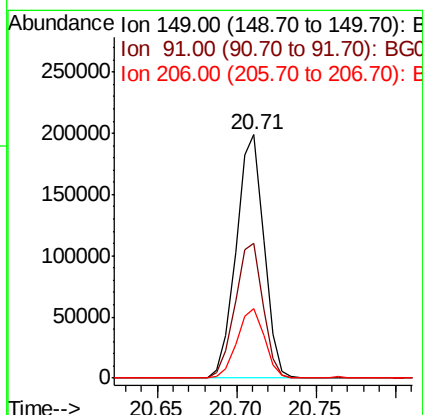
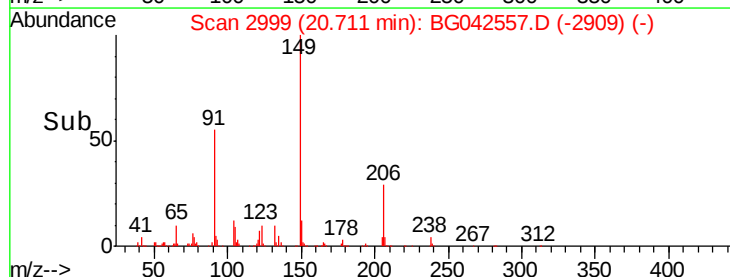
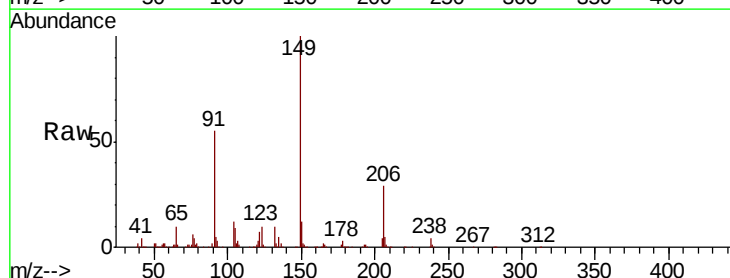
Tgt Ion:149 Resp: 241166

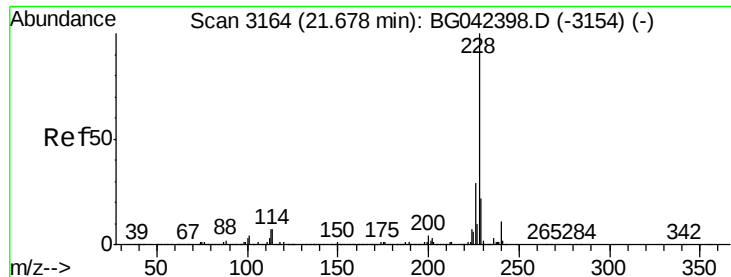
Ion Ratio Lower Upper

149 100

91 55.3 45.9 68.9

206 28.6 22.5 33.7

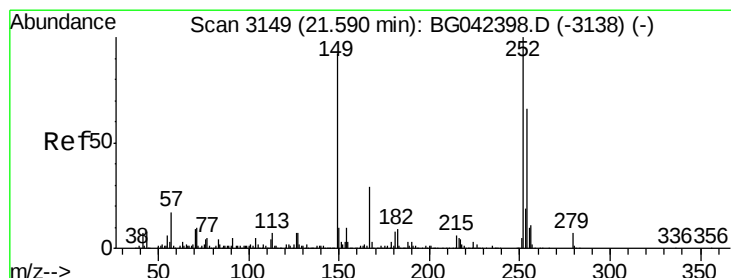
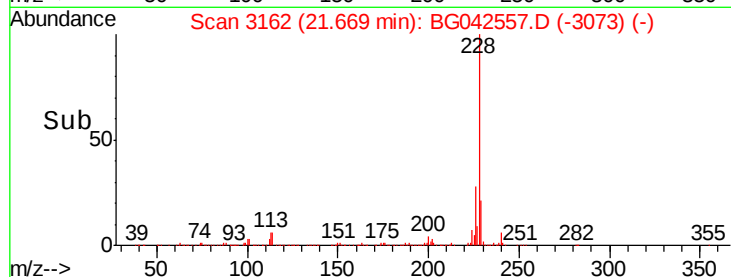
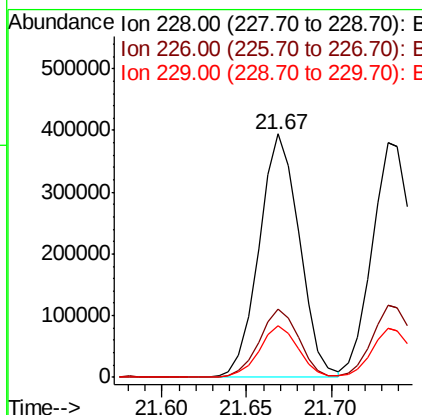
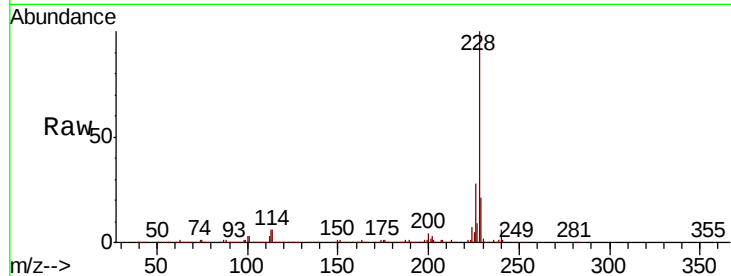




#81
Benzo(a)anthracene
Concen: 40.641 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

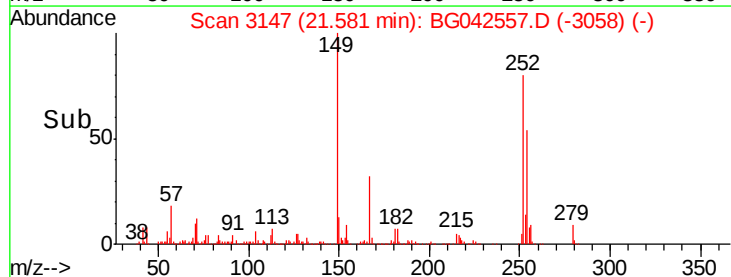
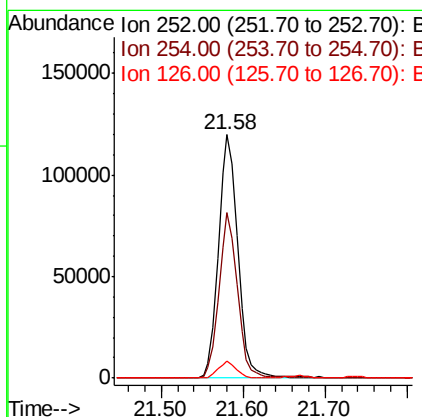
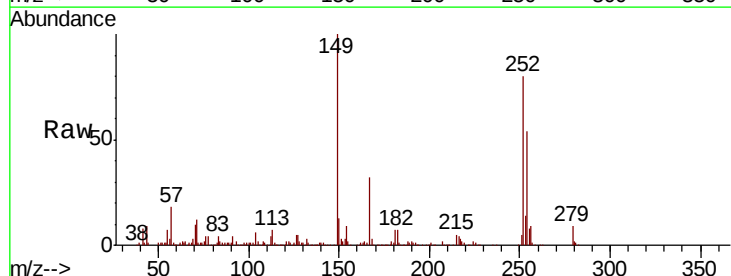
Instrument :
BNA_G
ClientSampled :

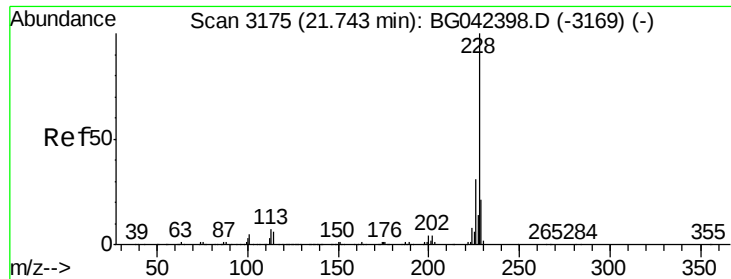
Tot Ion:228 Resp: 650234
Ion Ratio Lower Upper
228 100
226 28.0 23.4 35.2
229 21.0 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 30.924 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Tgt Ion:252 Resp: 198991
Ion Ratio Lower Upper
252 100
254 68.0 53.0 79.4
126 6.8 5.7 8.5

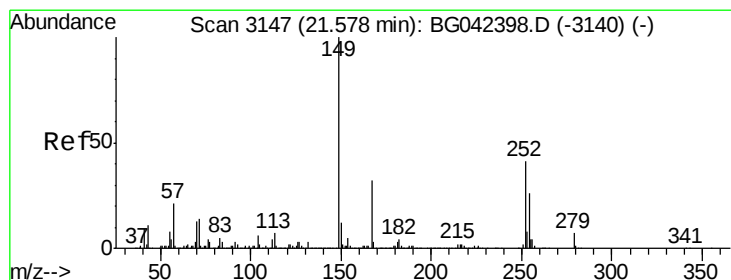
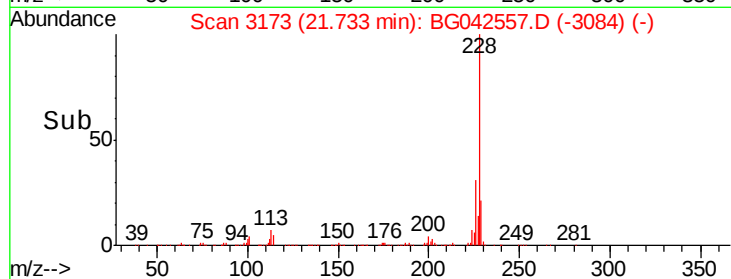
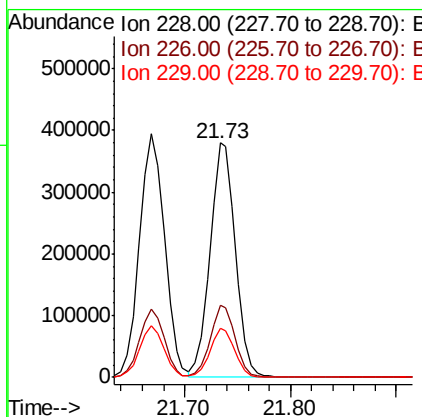
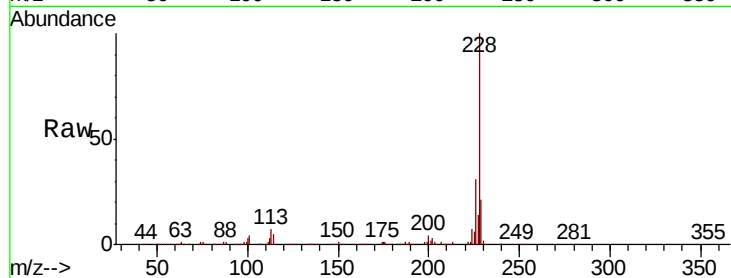




#83
 Chrysene
 Concen: 41.149 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

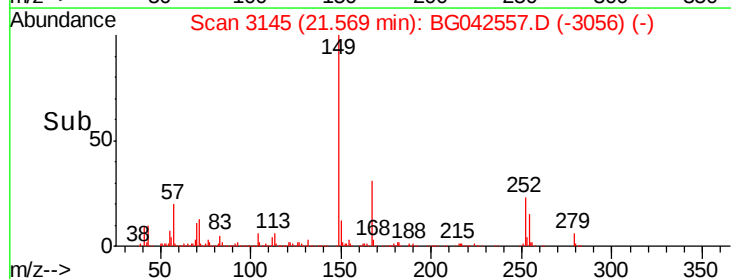
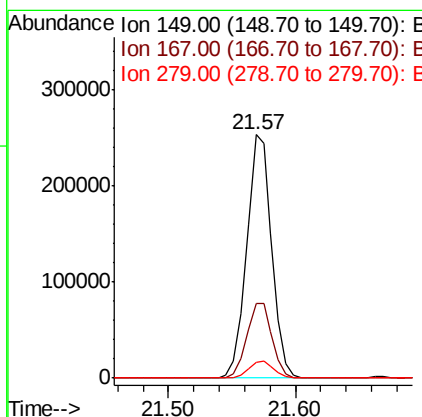
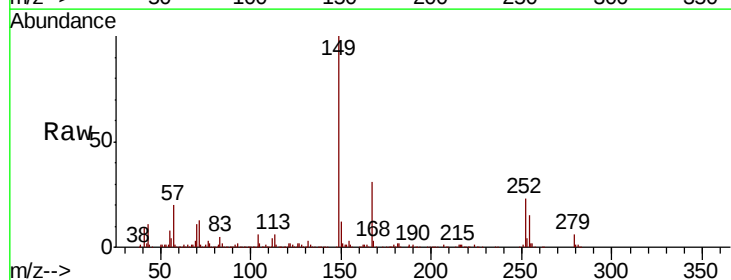
Instrument :
 BNA_G
 ClientSampleId :

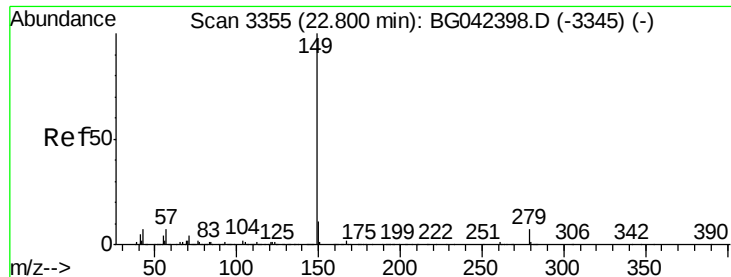
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.2	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.180 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042557.D
 Acq: 29 Aug 2019 9:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.8	26.0	39.0
279	6.4	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 39.587 ng

RT: 22.79 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042557.D

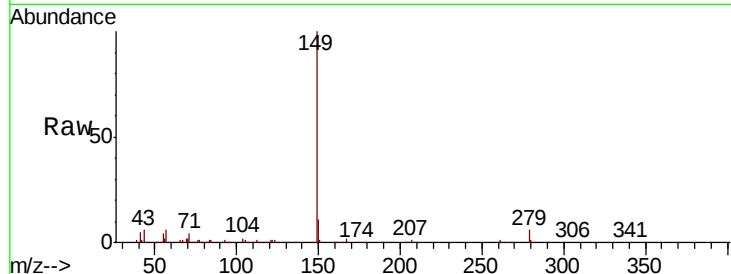
Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

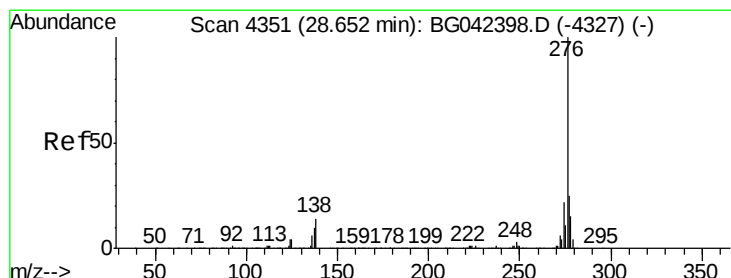
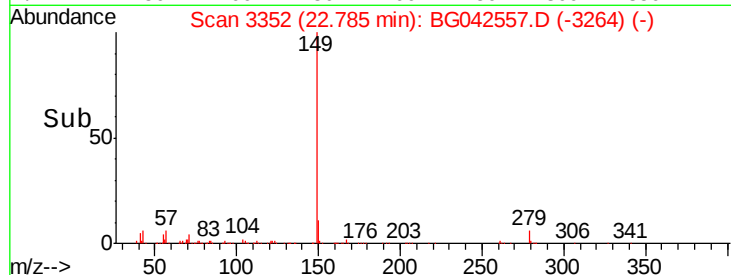
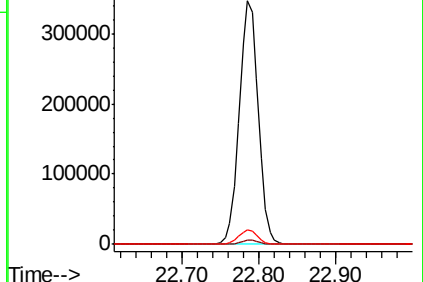
Tot Ion:	149	Resp:	599576
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	5.9	5.3	7.9



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: 39.566 ng

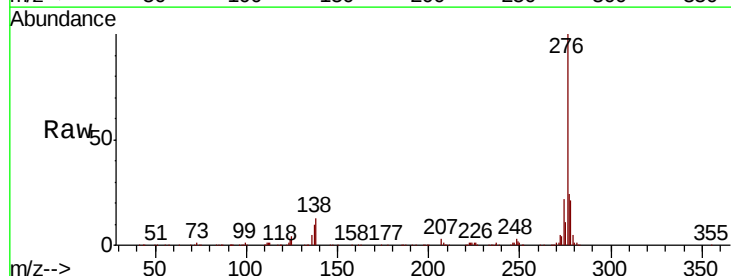
RT: 28.64 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

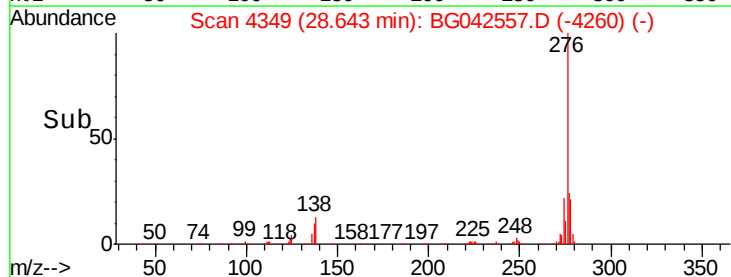
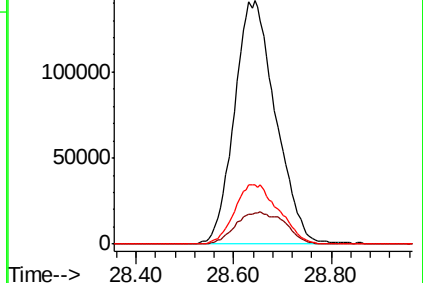
Tgt Ion:	276	Resp:	829674
Ion	Ratio	Lower	Upper
276	100		
138	15.7	9.2	13.8#
277	26.2	21.0	31.6

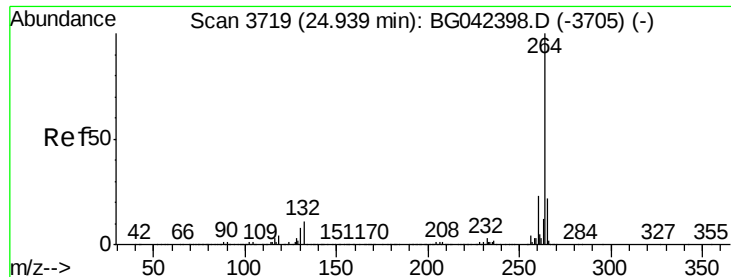


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

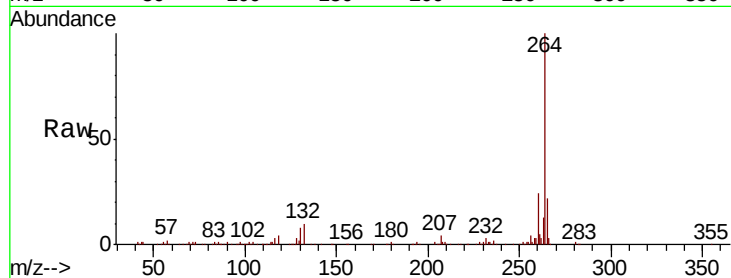




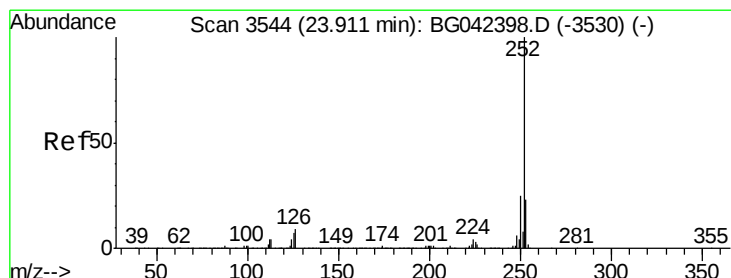
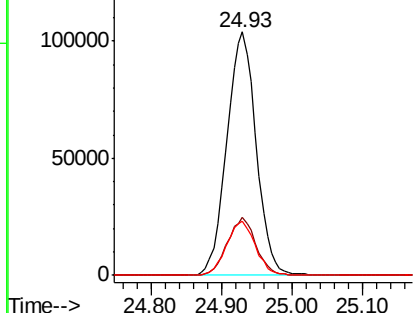
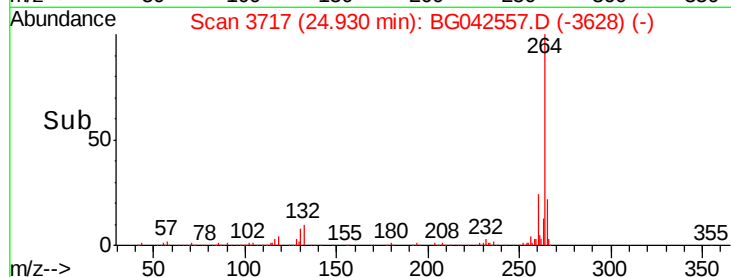
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.1	17.6	26.4

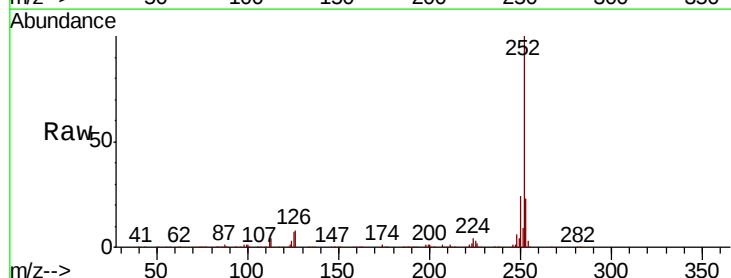


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

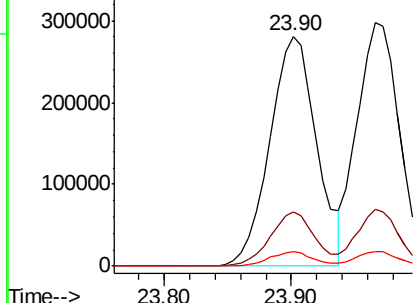
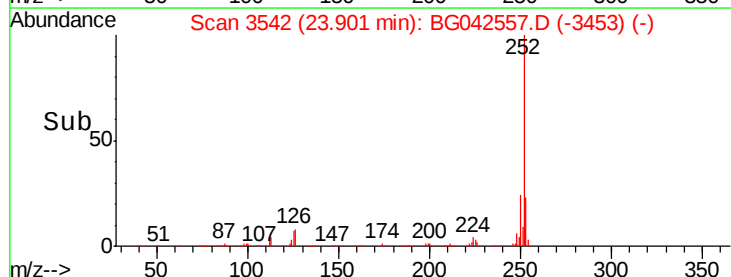


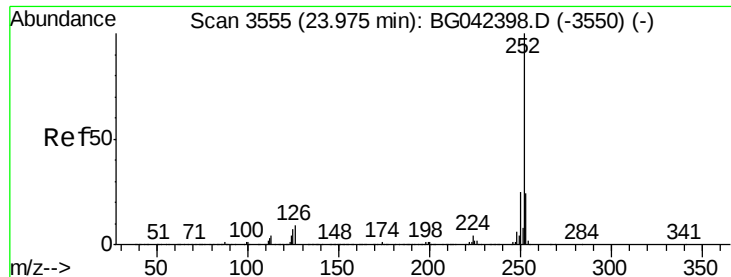
#88
Benzo(b)fluoranthene
Concen: 43.880 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042557.D
Acq: 29 Aug 2019 9:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	27.8
125	6.5	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: 43.814 ng

RT: 23.97 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

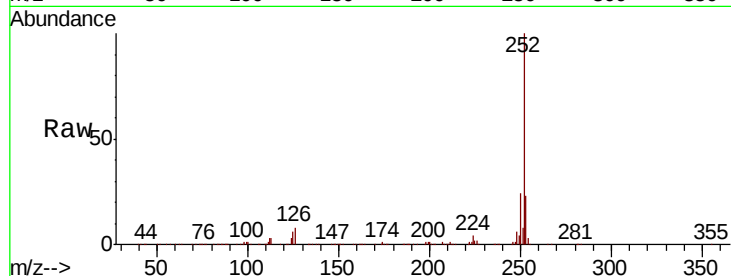
Tot Ion:252 Resp: 693212

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

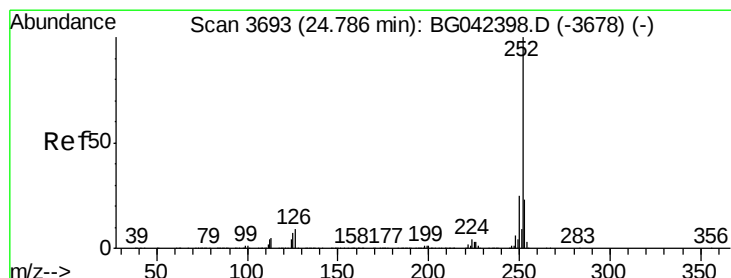
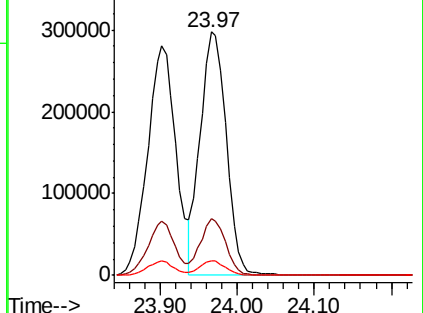
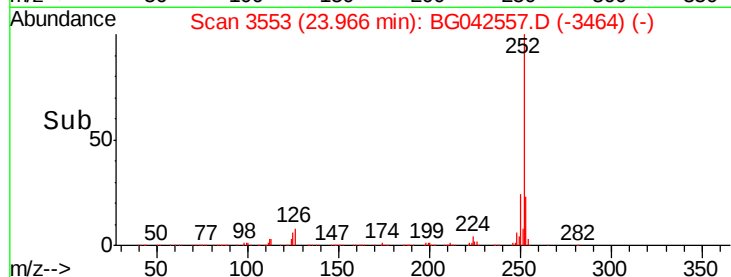
125 6.0 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.122 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

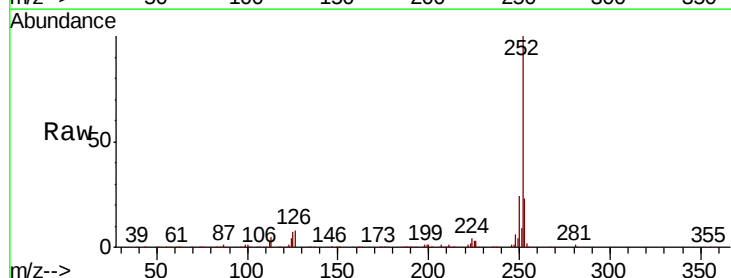
Tgt Ion:252 Resp: 704772

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

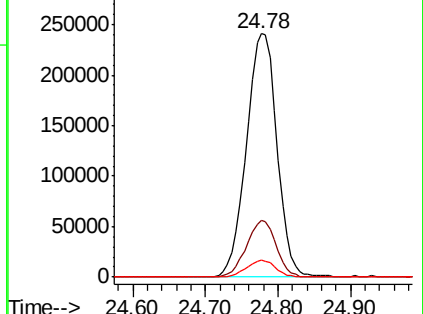
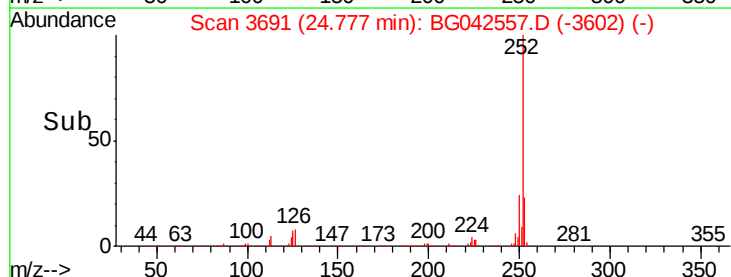
125 7.1 6.0 9.0

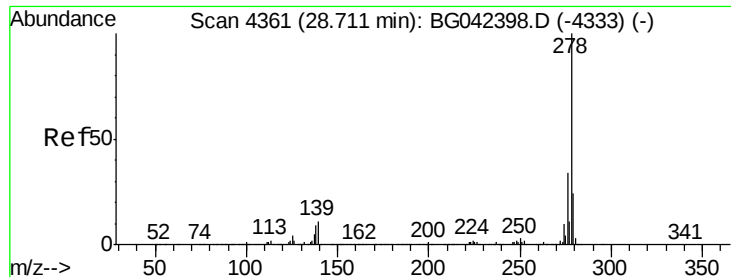


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.413 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

Instrument :

BNA_G

ClientSampleId :

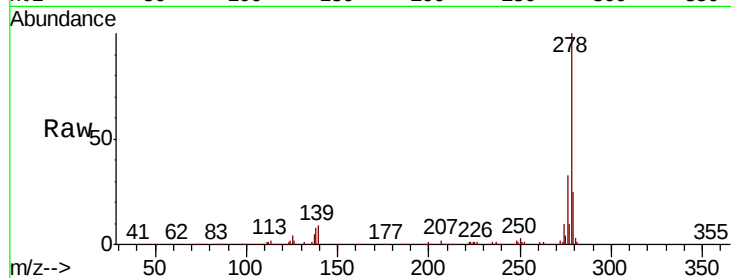
Tot Ion:278 Resp: 686571

Ion Ratio Lower Upper

278 100

139 9.3 8.8 13.2

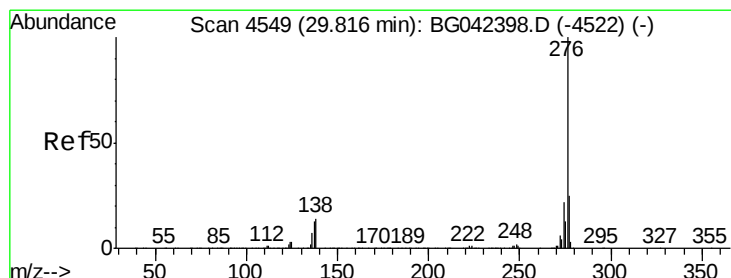
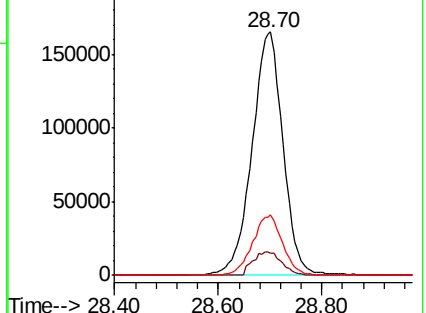
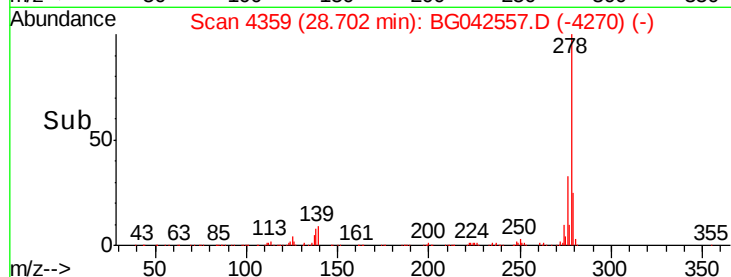
279 24.8 19.1 28.7



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: 43.886 ng

RT: 29.80 min Scan# 4546

Delta R.T. -0.02 min

Lab File: BG042557.D

Acq: 29 Aug 2019 9:49

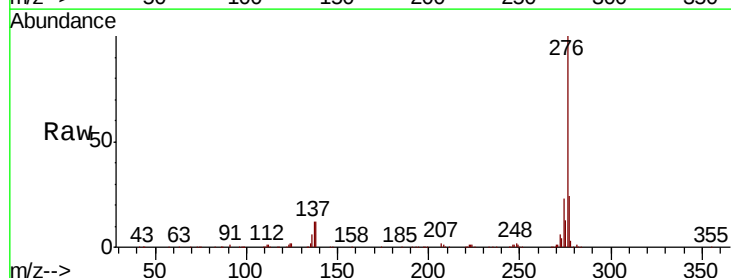
Tgt Ion:276 Resp: 694152

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 12.3 11.4 17.0



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

