

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042508.D
 Acq On : 27 Aug 2019 17:34
 Operator : HP/JU
 Sample : K4086-08MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 04:51:13 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	32116	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	121863	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	94067	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	251600	20.00	ng	0.00
76) Chrysene-d12	21.69	240	314939	20.00	ng	0.00
87) Perylene-d12	24.93	264	382380	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	225164	141.99	ng	0.00
7) Phenol-d6	7.17	99	285435	133.26	ng	0.00
23) Nitrobenzene-d5	9.16	82	189855	107.66	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	227886	170.44	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	586359	105.42	ng	0.00
79) Terphenyl-d14	20.03	244	1528636	104.93	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	26150	39.516	ng	# 56
3) Pyridine	3.83	79	58411	34.422	ng	99
4) n-Nitrosodimethylamine	3.74	42	24856	41.011	ng	96
6) Aniline	7.32	93	74747	26.163	ng	98
8) 2-Chlorophenol	7.56	128	96876	50.409	ng	98
9) Benzaldehyde	7.13	77	57057	53.207	ng	92
10) Phenol	7.19	94	96057	44.106	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	82533	48.254	ng	99
12) 1,3-Dichlorobenzene	7.89	146	107860	44.118	ng	99
13) 1,4-Dichlorobenzene	8.03	146	109717	44.305	ng	97
14) 1,2-Dichlorobenzene	8.36	146	105103	44.319	ng	99
15) Benzyl Alcohol	8.24	79	73819	47.902	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	103473	44.634	ng	98
17) 2-Methylphenol	8.45	107	77353	48.222	ng	95
18) Hexachloroethane	9.09	117	36382	42.915	ng	98
19) n-Nitroso-di-n-propylamine	8.80	70	64081	46.178	ng	96
20) 3+4-Methylphenols	8.78	107	106039	47.772	ng	99
22) Acetophenone	8.82	105	140084	53.745	ng	# 99
24) Nitrobenzene	9.21	77	92460	51.776	ng	99
25) Isophorone	9.73	82	180811	51.953	ng	98
26) 2-Nitrophenol	9.93	139	58946	52.674	ng	96
27) 2,4-Dimethylphenol	9.99	122	93022	60.344	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	113562	51.771	ng	98
29) 2,4-Dichlorophenol	10.47	162	112479	55.769	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	122675	49.554	ng	97
31) Naphthalene	10.87	128	296093	52.334	ng	99
32) Benzoic acid	10.11	122	5274	12.081	ng	92
33) 4-Chloroaniline	10.99	127	26145	10.010	ng	96
34) Hexachlorobutadiene	11.16	225	79607	47.848	ng	99
35) Caprolactam	11.75	113	9270	13.774	ng	95
36) 4-Chloro-3-methylphenol	12.11	107	107443	56.118	ng	99
37) 2-Methylnaphthalene	12.48	142	239707	52.765	ng	97
38) 1-Methylnaphthalene	12.70	142	226814	52.562	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	153861	50.933	ng	99

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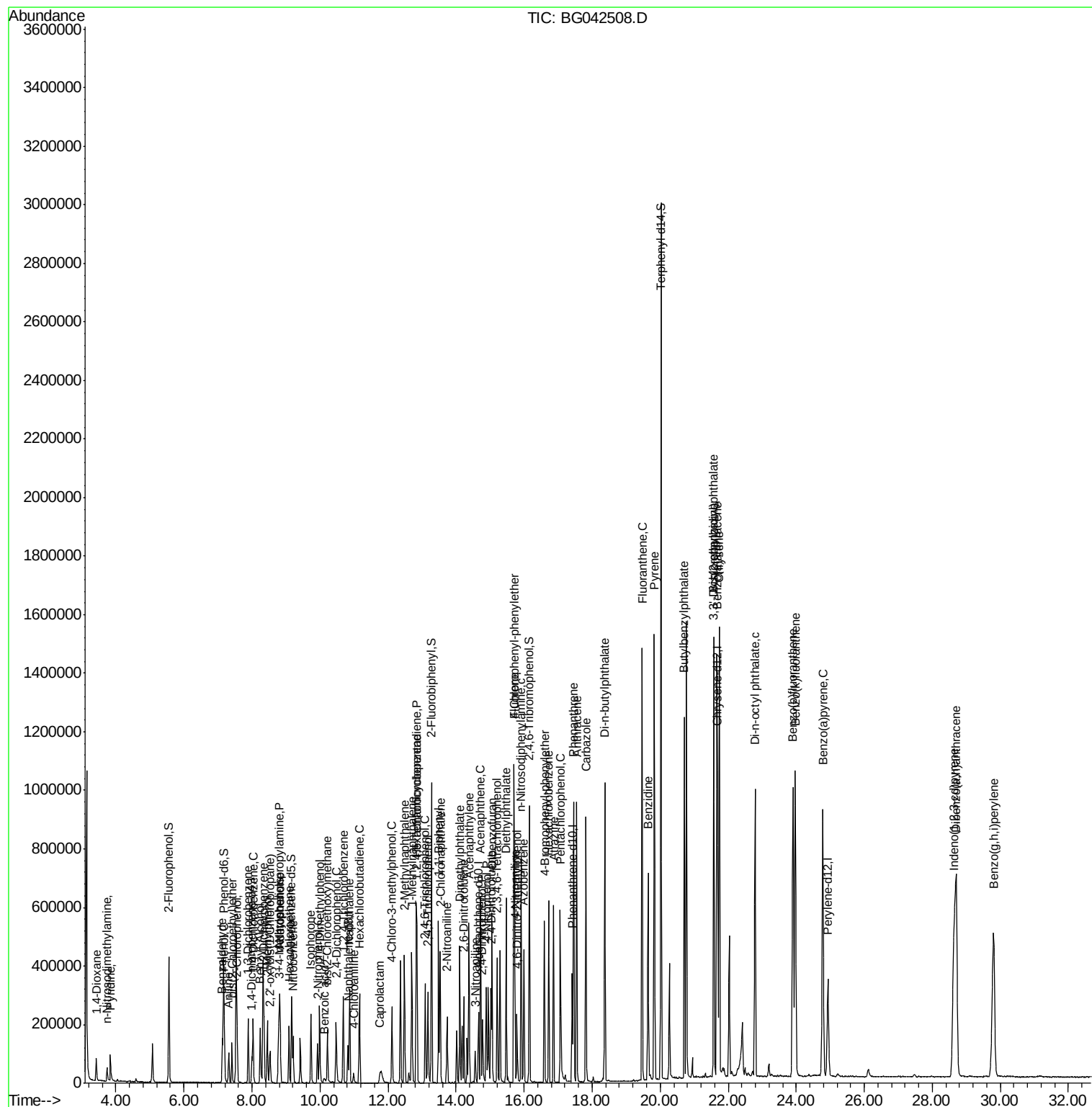
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	176159	111.015	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	104846	51.348	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	116974	55.282	ng	98
46) 1,1'-Biphenyl	13.49	154	319281	52.508	ng	99
47) 2-Chloronaphthalene	13.53	162	260583	49.701	ng	99
48) 2-Nitroaniline	13.73	65	63723	50.401	ng	97
49) Acenaphthylene	14.38	152	422828	53.604	ng	99
50) Dimethylphthalate	14.11	163	352615	51.952	ng	100
51) 2,6-Dinitrotoluene	14.23	165	86070	54.709	ng	96
52) Acenaphthene	14.72	154	249453	52.081	ng	99
53) 3-Nitroaniline	14.56	138	39189	24.907	ng	95
54) 2,4-Dinitrophenol	14.77	184	89261	83.842	ng	97
55) Dibenzofuran	15.06	168	428555	54.053	ng	99
56) 4-Nitrophenol	14.89	139	134261	120.089	ng	98
57) 2,4-Dinitrotoluene	15.02	165	130913	58.110	ng	98
58) Fluorene	15.71	166	353178	54.494	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	120344	57.511	ng	100
60) Diethylphthalate	15.47	149	360059	54.267	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	203728	52.147	ng	99
62) 4-Nitroaniline	15.73	138	101012	59.986	ng	97
63) Azobenzene	15.99	77	248071	54.564	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	87071	55.198	ng	99
66) n-Nitrosodiphenylamine	15.91	169	340255	49.176	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	146629	45.945	ng	99
68) Hexachlorobenzene	16.72	284	159026	45.838	ng	98
69) Atrazine	16.87	200	147530	60.294	ng	98
70) Pentachlorophenol	17.07	266	174364	96.730	ng	98
71) Phenanthrene	17.45	178	669004	53.531	ng	99
72) Anthracene	17.55	178	689974	55.304	ng	99
73) Carbazole	17.82	167	690880	62.134	ng	99
74) Di-n-butylphthalate	18.37	149	787642	59.924	ng	99
75) Fluoranthene	19.47	202	998767	65.484	ng	98
77) Benzidine	19.64	184	496610	54.999	ng	99
78) Pyrene	19.83	202	1017917	52.718	ng	99
80) Butylbenzylphthalate	20.71	149	394875	51.994	ng	99
81) Benzo(a)anthracene	21.67	228	1005641	52.491	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	196724	25.531	ng	99
83) Chrysene	21.74	228	988908	53.522	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	560531	53.158	ng	99
85) Di-n-octyl phthalate	22.79	149	959994	52.933	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1322005	52.650	ng	# 95
88) Benzo(b)fluoranthene	23.90	252	1110572	52.829	ng	100
89) Benzo(k)fluoranthene	23.97	252	1099808	54.429	ng	100
90) Benzo(a)pyrene	24.78	252	1108289	55.559	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	1090162	53.975	ng	98
92) Benzo(g,h,i)perylene	29.80	276	1105993	54.751	ng	99

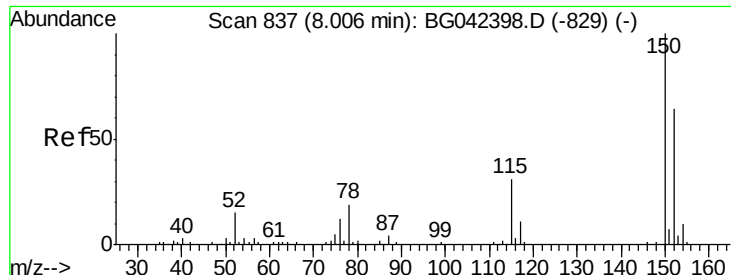
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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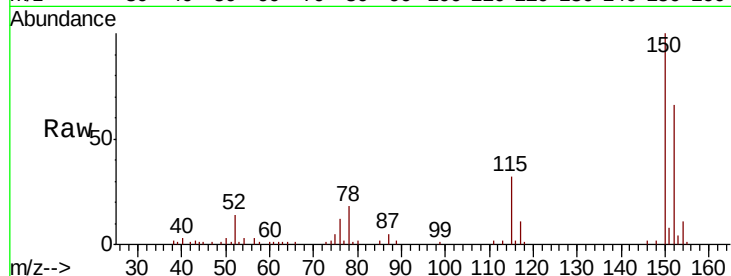


#1

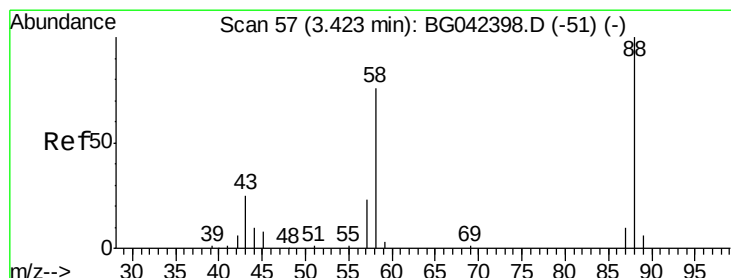
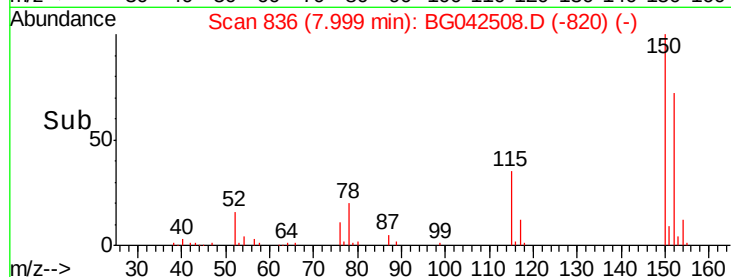
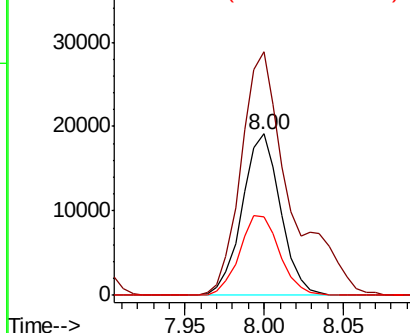
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32116
Ion Ratio Lower Upper
152 100
150 151.0 125.4 188.0
115 48.6 38.5 57.7



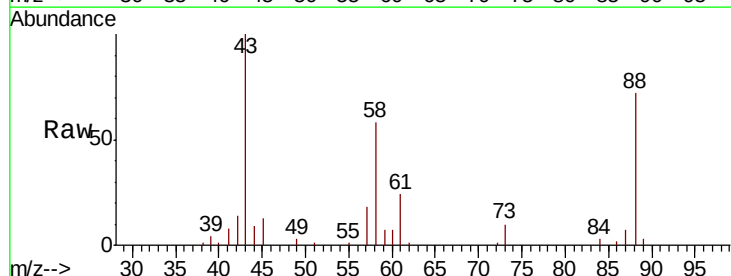
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



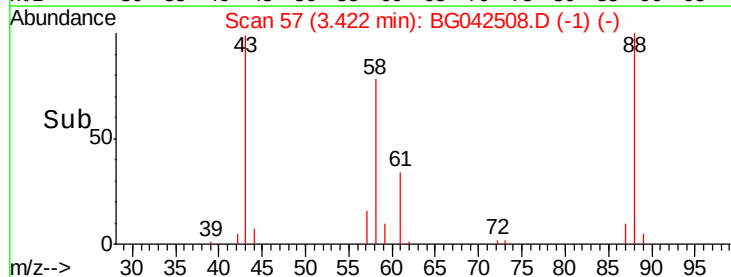
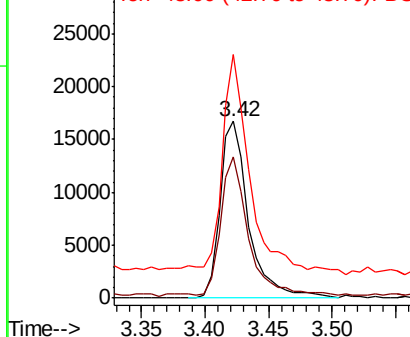
#2

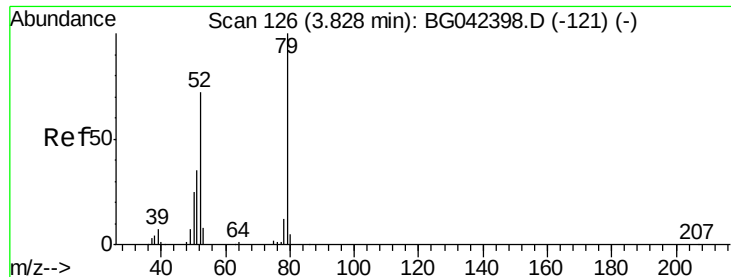
1,4-Dioxane
Concen: 39.516 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Tgt Ion: 88 Resp: 26150
Ion Ratio Lower Upper
88 100
58 75.1 58.3 87.5
43 108.5 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: 34.422 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampleId :

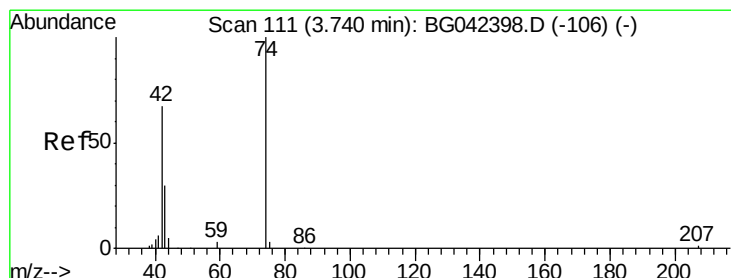
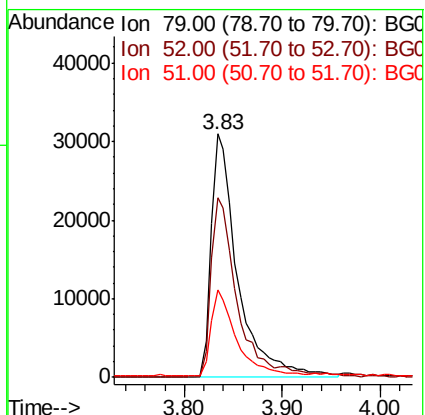
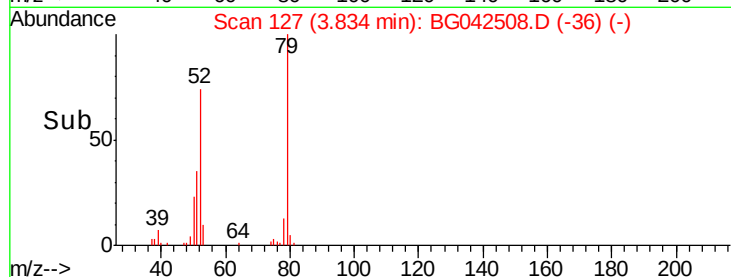
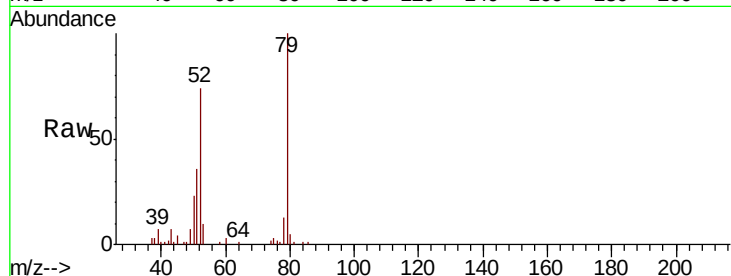
Tot Ion: 79 Resp: 58411

Ion Ratio Lower Upper

79 100

52 73.6 57.7 86.5

51 35.9 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 41.011 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

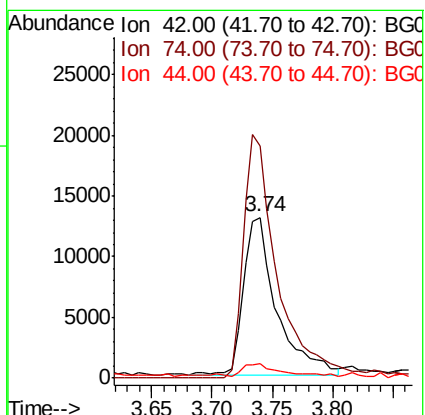
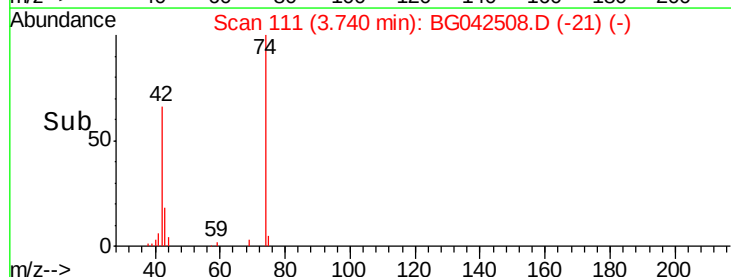
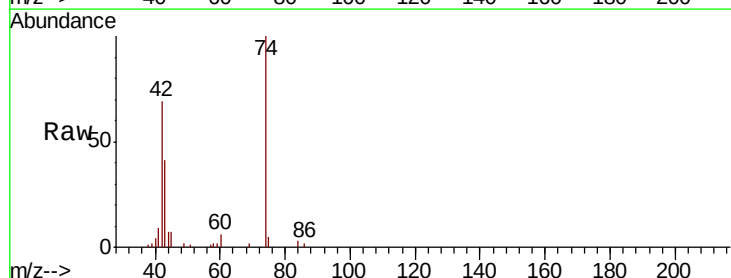
Tgt Ion: 42 Resp: 24856

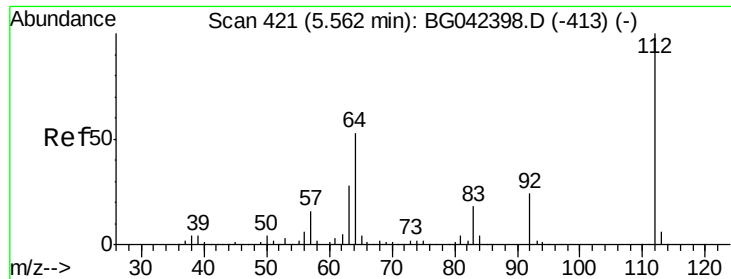
Ion Ratio Lower Upper

42 100

74 144.2 119.6 179.4

44 9.4 6.5 9.7





#5

2-Fluorophenol

Concen: 141.992 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampleId :

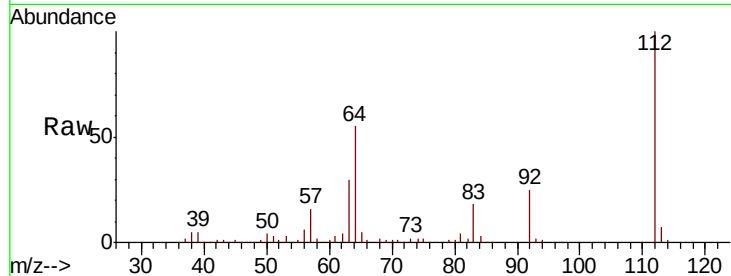
Tot Ion:112 Resp: 225164

Ion Ratio Lower Upper

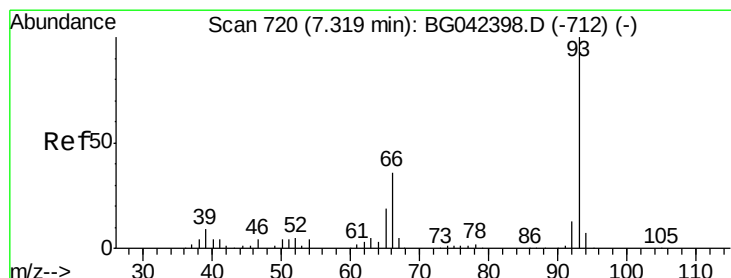
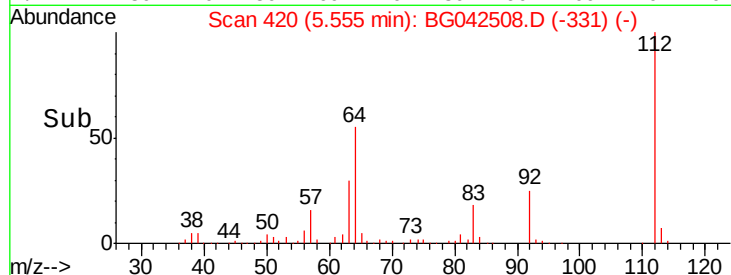
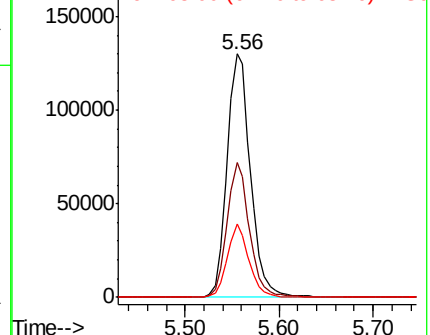
112 100

64 55.2 42.8 64.2

63 30.0 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: 26.163 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

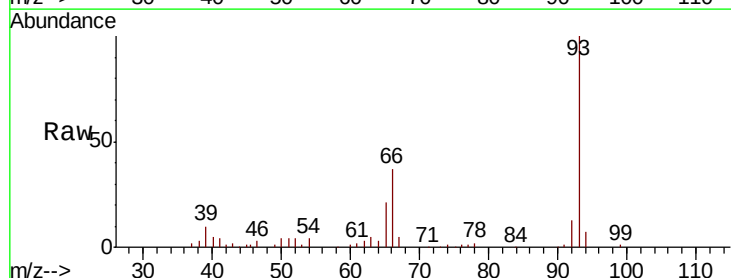
Tgt Ion: 93 Resp: 74747

Ion Ratio Lower Upper

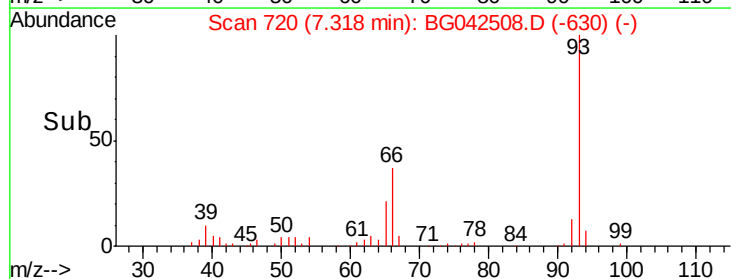
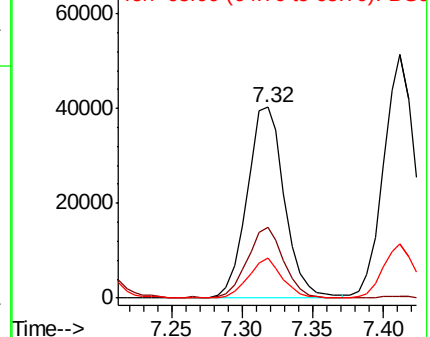
93 100

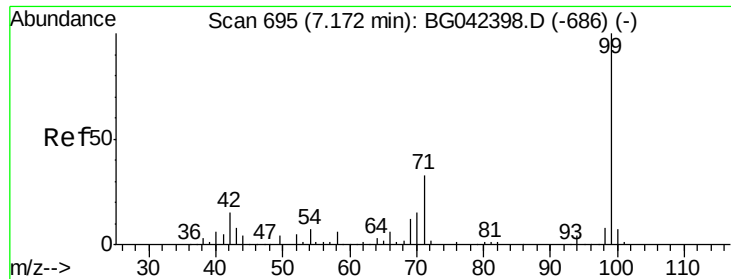
66 37.2 29.0 43.6

65 20.7 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: 133.257 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

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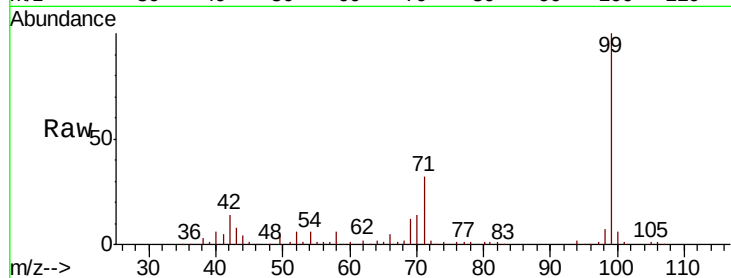
Tot Ion: 99 Resp: 285435

Ion Ratio Lower Upper

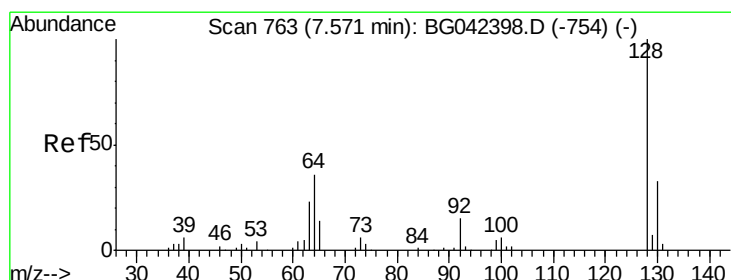
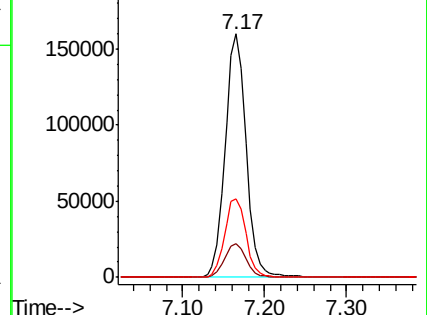
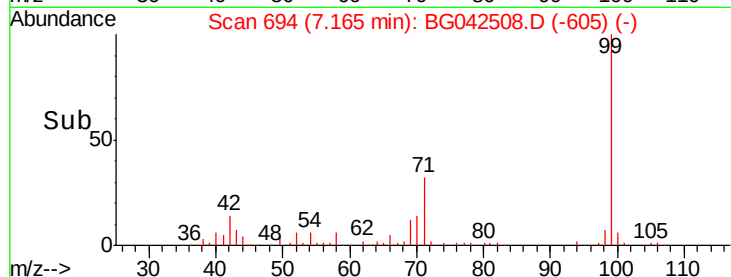
99 100

42 13.7 12.0 18.0

71 32.2 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: 50.409 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

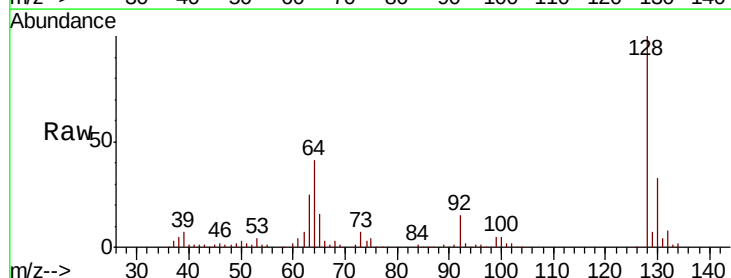
Tgt Ion: 128 Resp: 96876

Ion Ratio Lower Upper

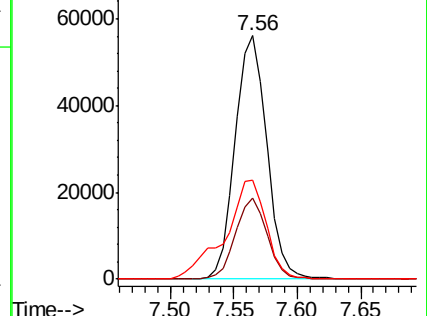
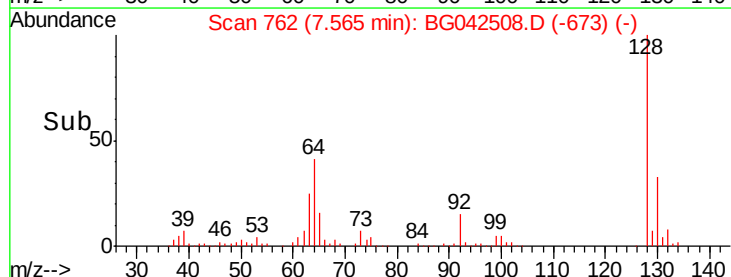
128 100

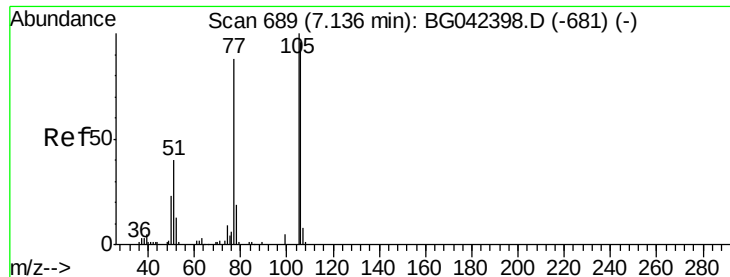
130 33.5 12.8 52.8

64 40.9 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: 53.207 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

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Acq: 27 Aug 2019 17:34

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ClientSampleId :

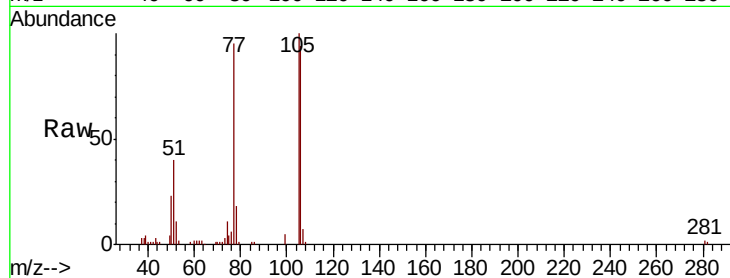
Tot Ion: 77 Resp: 57057

Ion Ratio Lower Upper

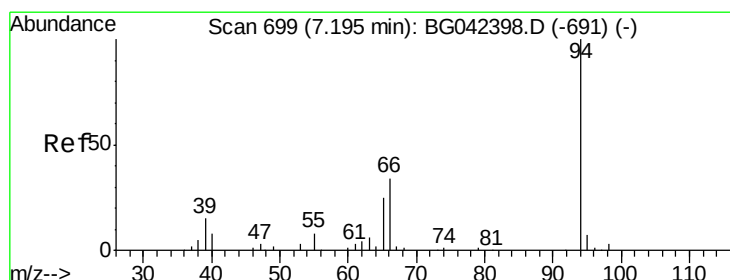
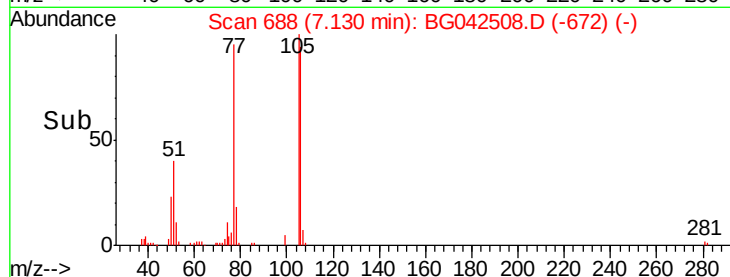
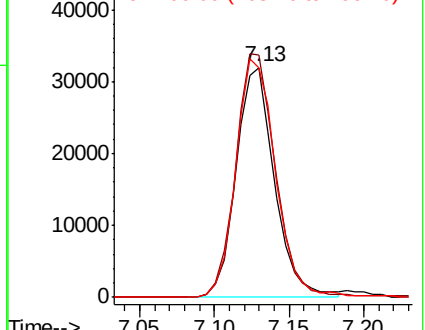
77 100

105 105.6 93.4 133.4

106 99.8 88.4 128.4



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



#10

Phenol

Concen: 44.106 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

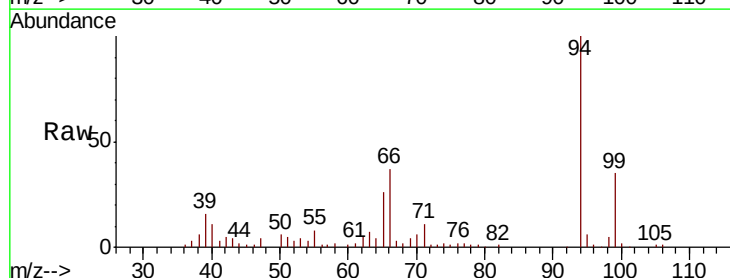
Tgt Ion: 94 Resp: 96057

Ion Ratio Lower Upper

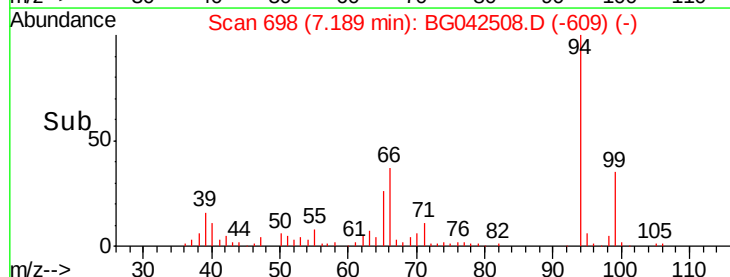
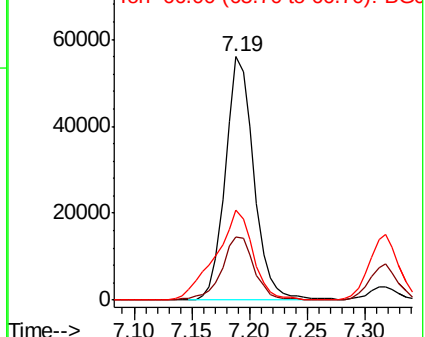
94 100

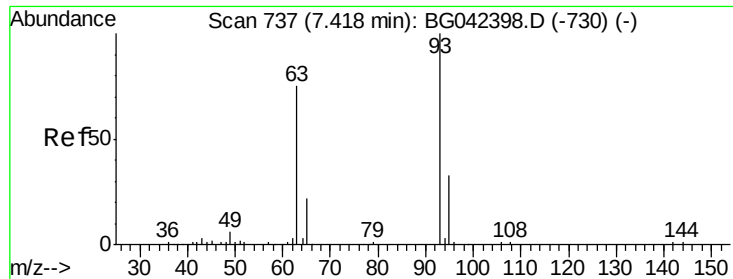
65 25.9 5.6 45.6

66 37.1 16.0 56.0



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

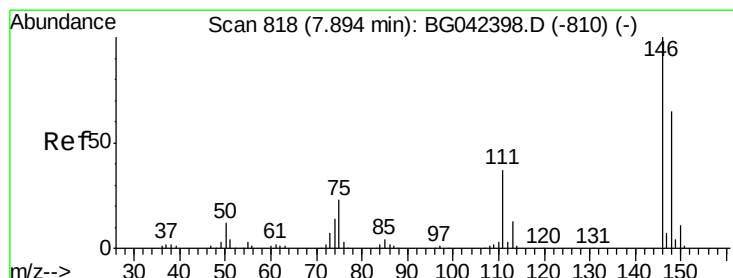
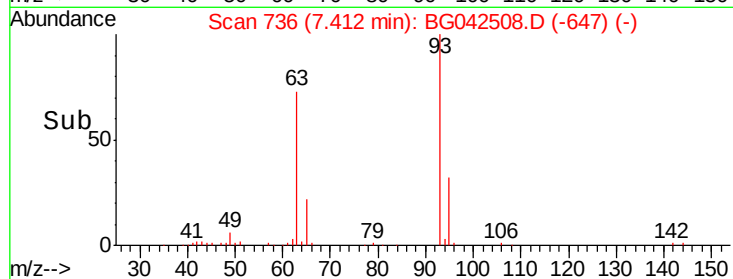
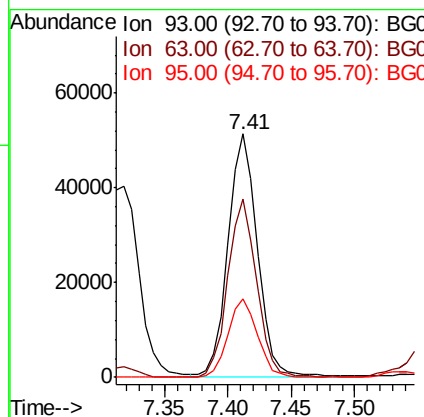
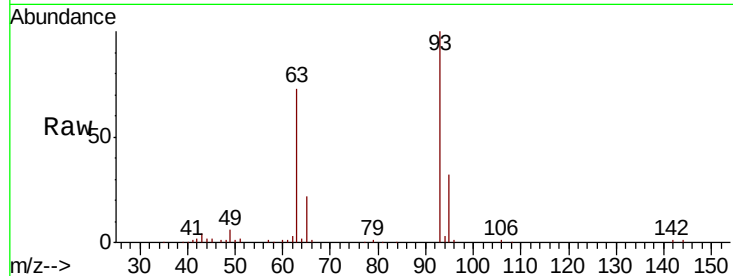




#11
 bis(2-Chloroethyl)ether
 Concen: 48.254 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

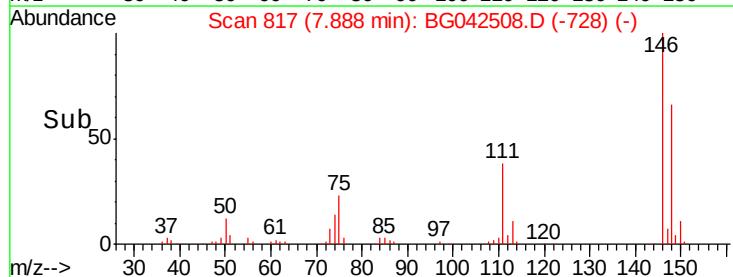
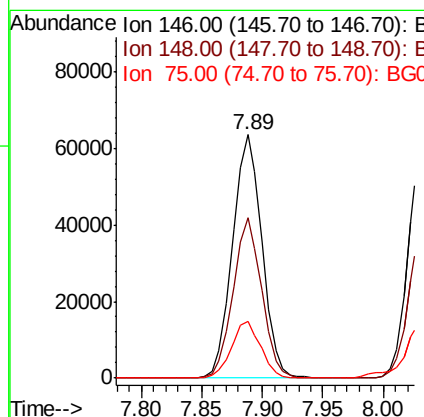
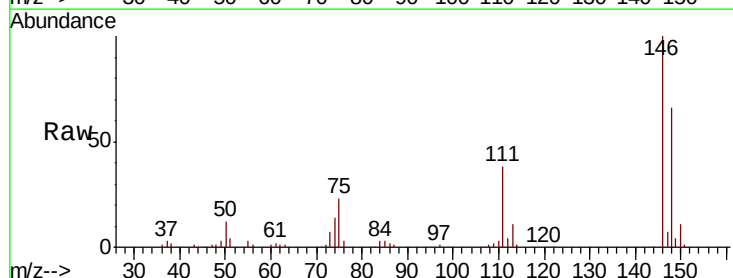
Instrument :
 BNA_G
 ClientSampleId :

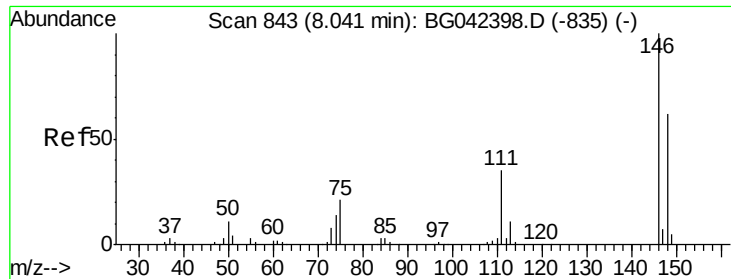
Tot Ion	93	Resp	82533
Ion	Ratio	Lower	Upper
93	100		
63	73.4	53.8	93.8
95	32.3	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 44.118 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Tgt Ion	146	Resp	107860
Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.2	78.2
75	23.4	18.0	27.0

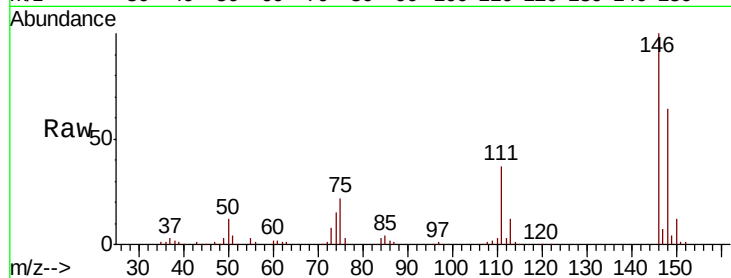




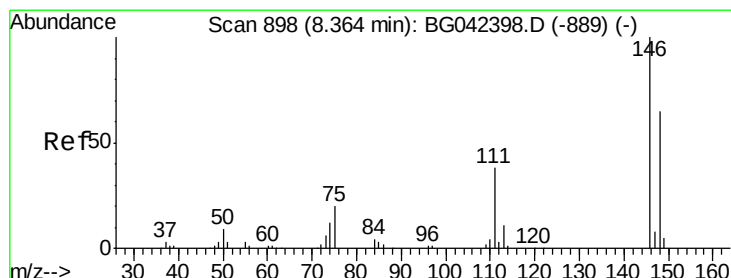
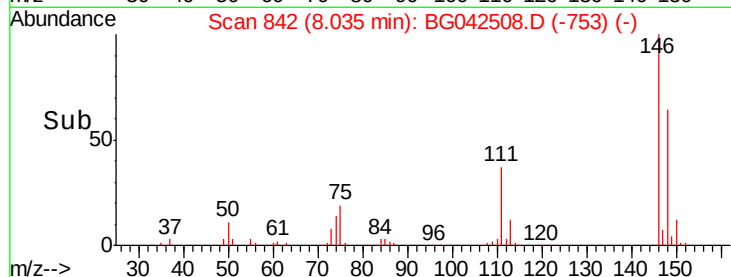
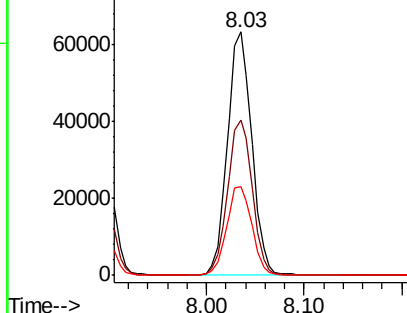
#13
 1,4-Dichlorobenzene
 Concen: 44.305 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.5	74.3
111	36.7	28.1	42.1

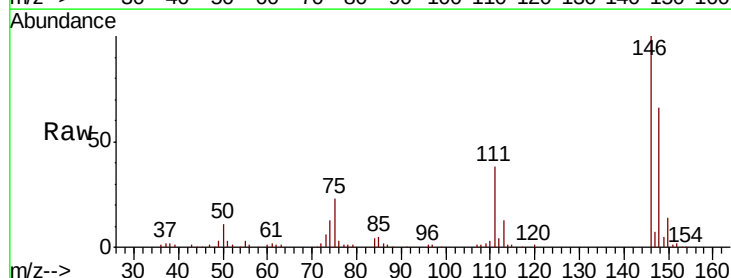


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

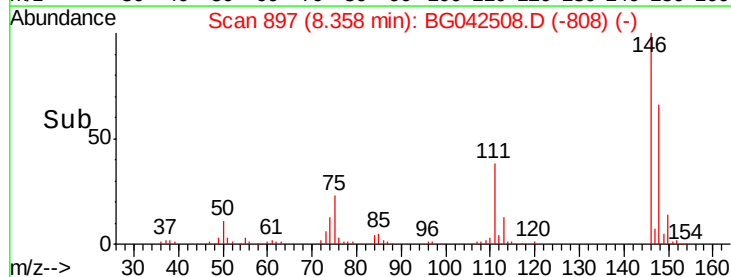
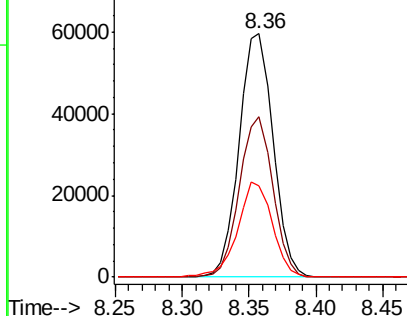


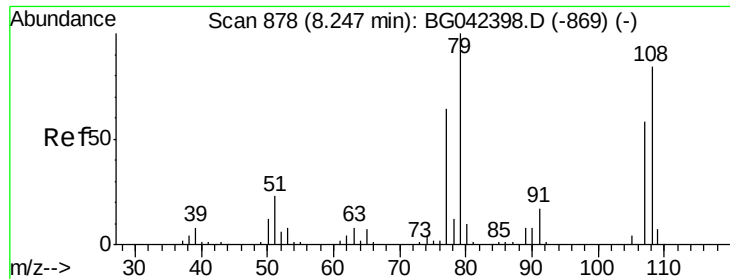
#14
 1,2-Dichlorobenzene
 Concen: 44.319 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.6
111	37.7	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: 47.902 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampled :

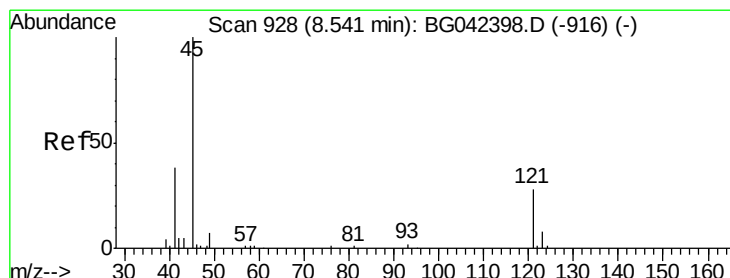
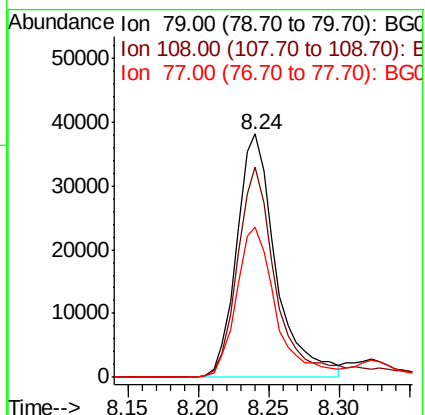
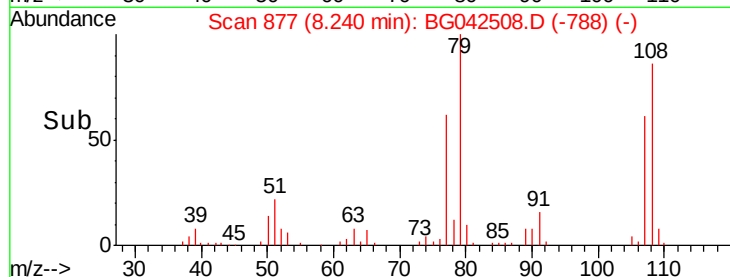
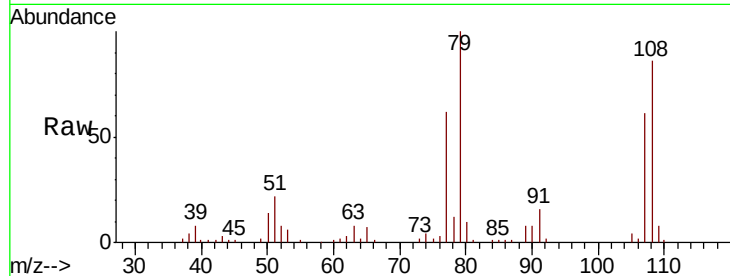
Tot Ion: 79 Resp: 73819

Ion Ratio Lower Upper

79 100

108 86.2 67.4 101.2

77 61.7 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.634 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

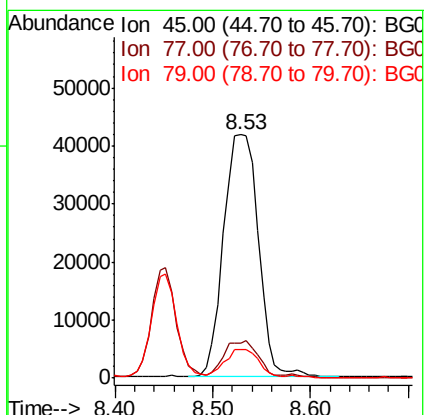
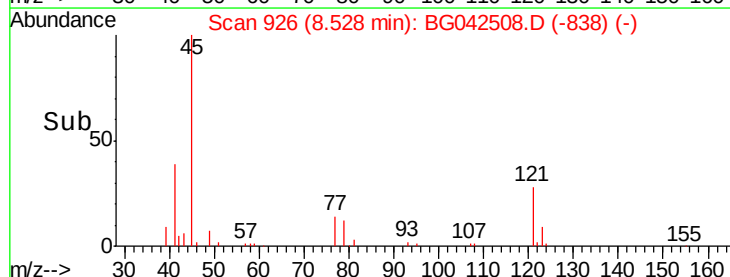
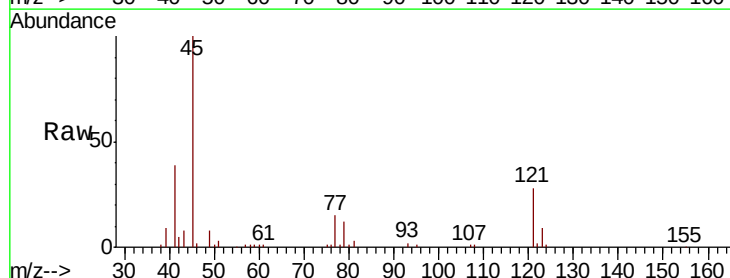
Tgt Ion: 45 Resp: 103473

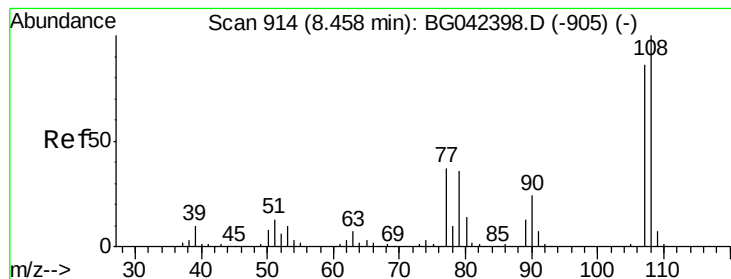
Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.6

79 12.0 0.0 31.6

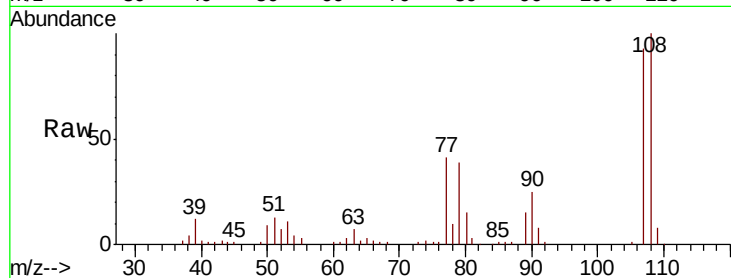




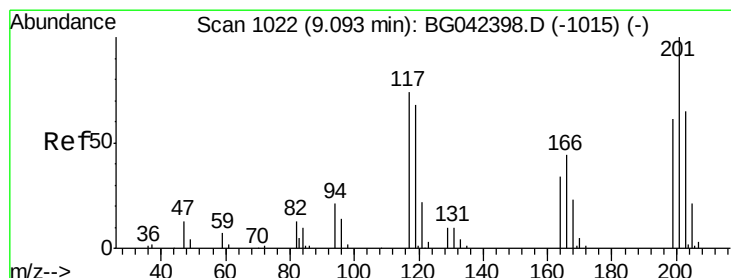
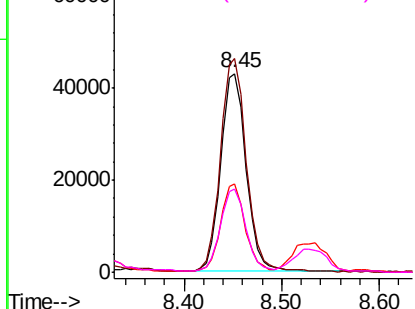
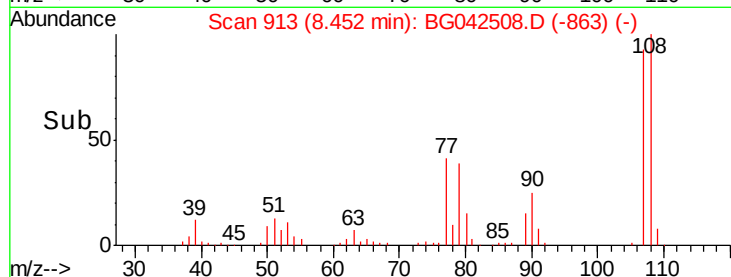
#17
2-Methylphenol
Concen: 48.222 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 77353
Ion Ratio Lower Upper
107 100
108 107.6 92.9 139.3
77 44.4 34.4 51.6
79 41.7 33.8 50.6

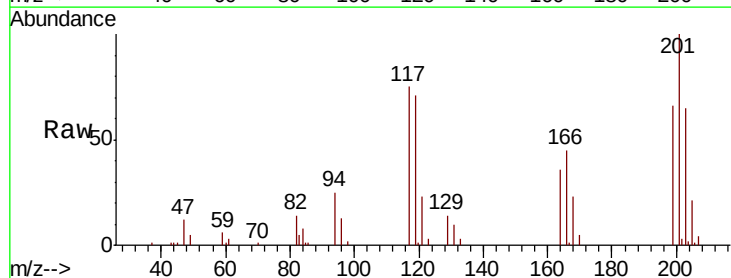


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

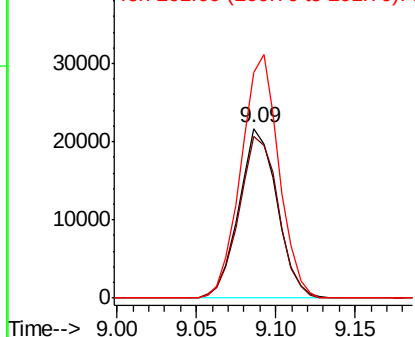
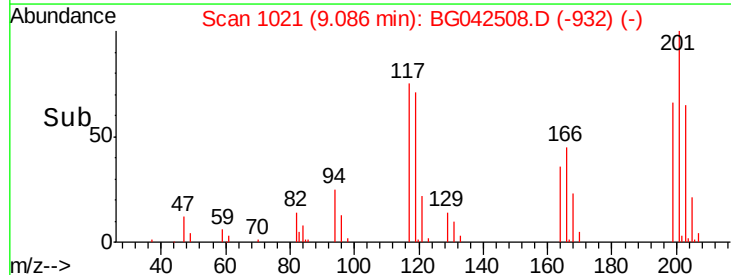


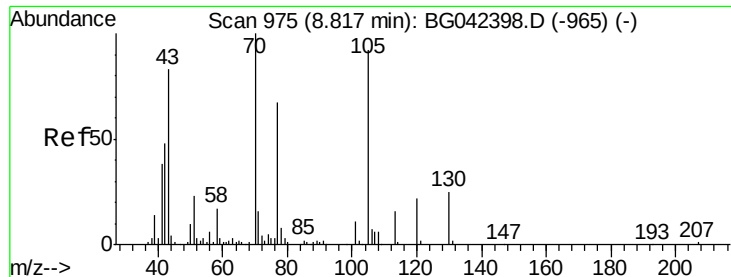
#18
Hexachloroethane
Concen: 42.915 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Tgt Ion:117 Resp: 36382
Ion Ratio Lower Upper
117 100
119 95.1 73.8 110.8
201 133.3 108.3 162.5



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: 46.178 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 64081

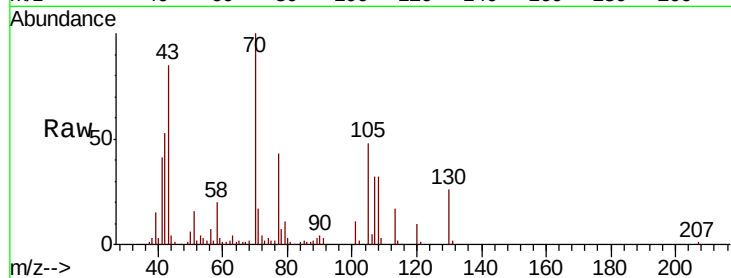
Ion Ratio Lower Upper

70 100

42 52.8 38.8 58.2

101 11.3 9.0 13.6

130 25.8 20.0 30.0



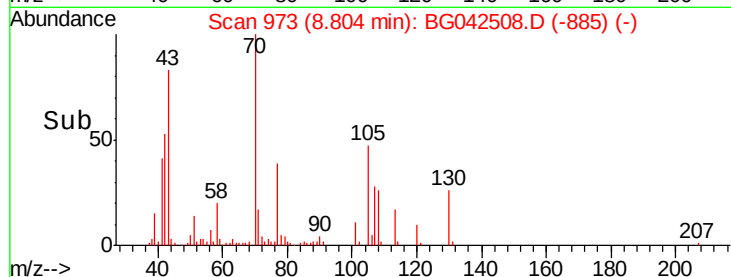
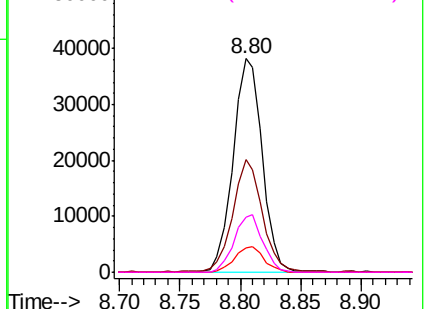
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 47.772 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Tgt Ion: 107 Resp: 106039

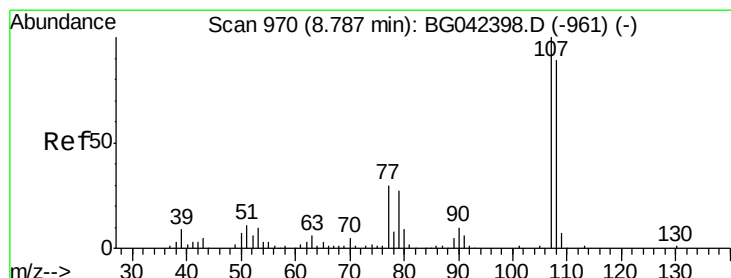
Ion Ratio Lower Upper

107 100

108 87.7 68.7 108.7

77 30.1 10.2 50.2

79 27.4 6.9 46.9



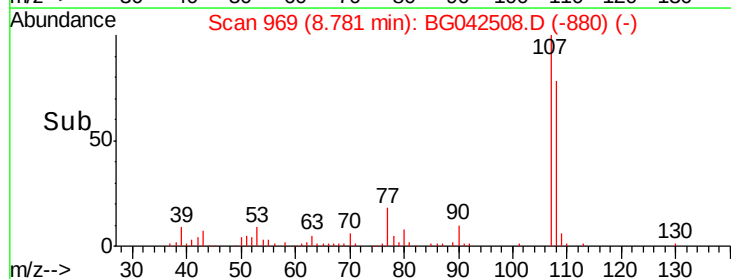
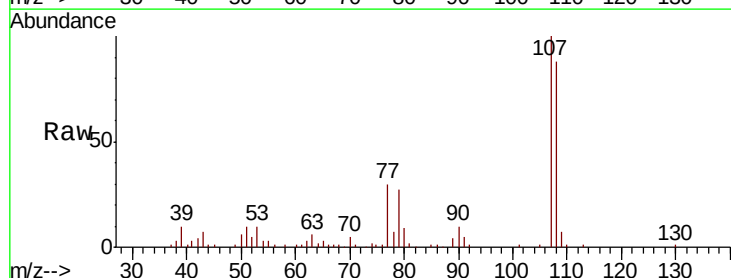
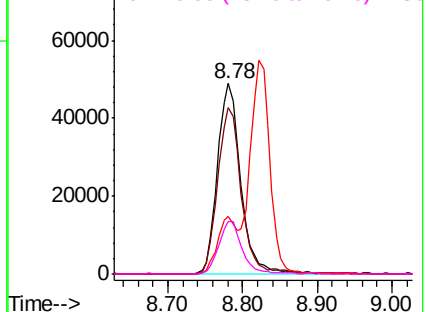
Abundance

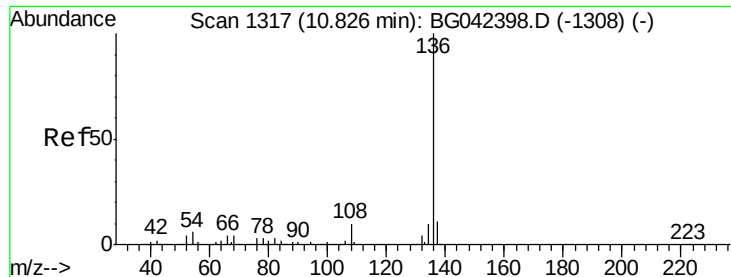
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 121863

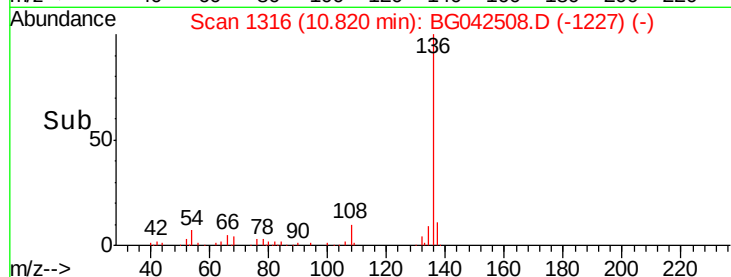
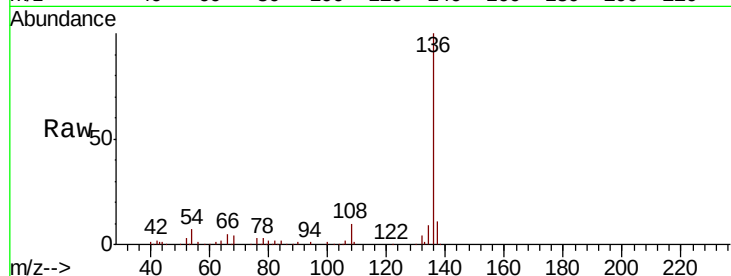
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.8 4.9 7.3

68 4.4 3.6 5.4

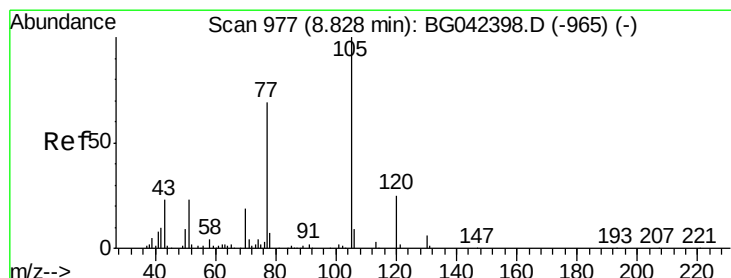
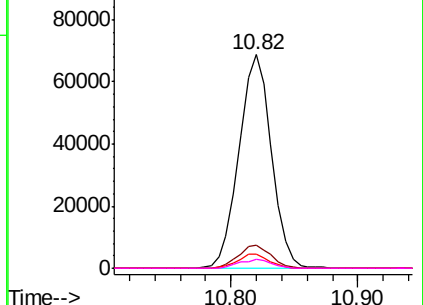


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 53.745 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Tgt Ion:105 Resp: 140084

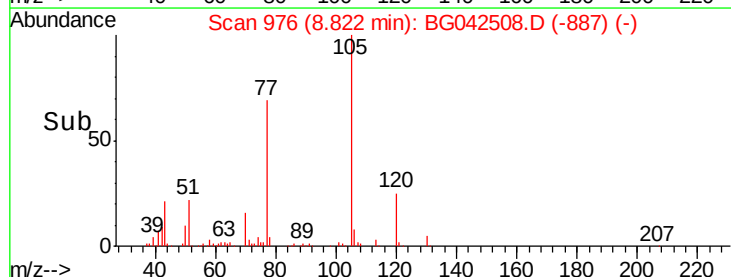
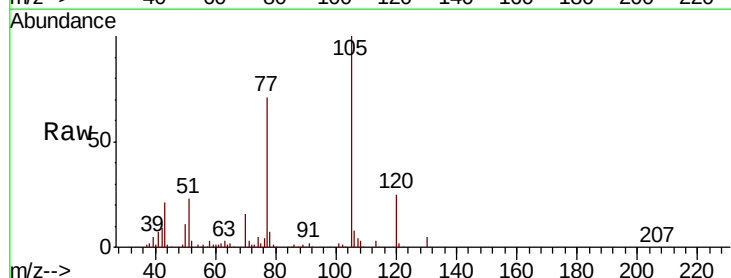
Ion Ratio Lower Upper

105 100

71 2.8 2.8 4.2#

51 22.6 18.7 28.1

120 25.2 20.1 30.1

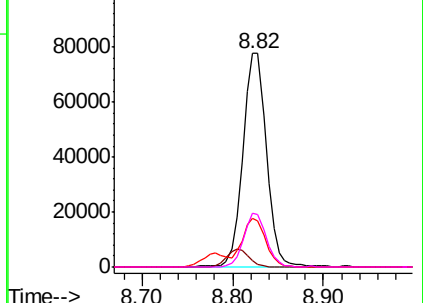


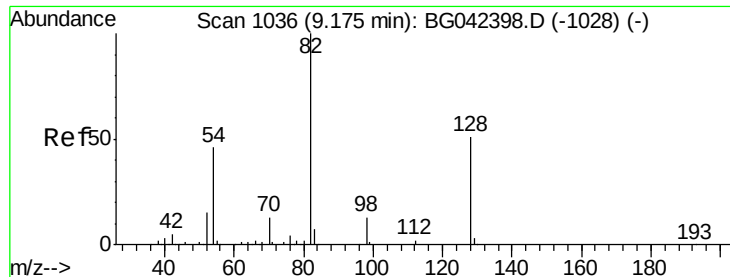
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 107.660 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampled :

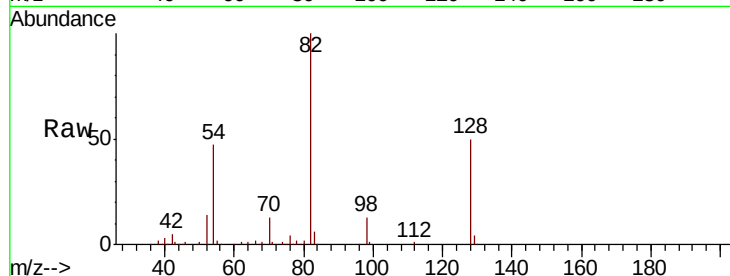
Tot Ion: 82 Resp: 189855

Ion Ratio Lower Upper

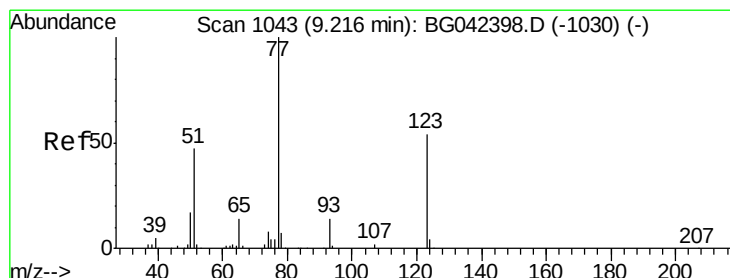
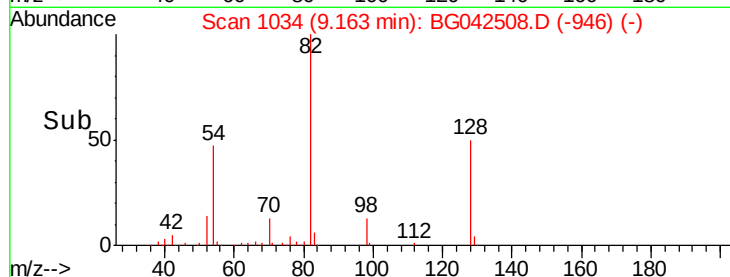
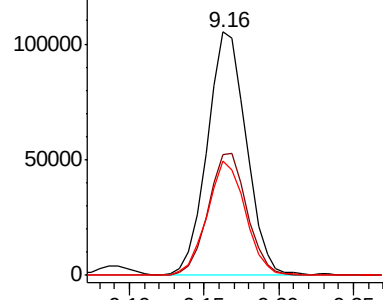
82 100

128 49.6 40.7 61.1

54 47.1 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: 51.776 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

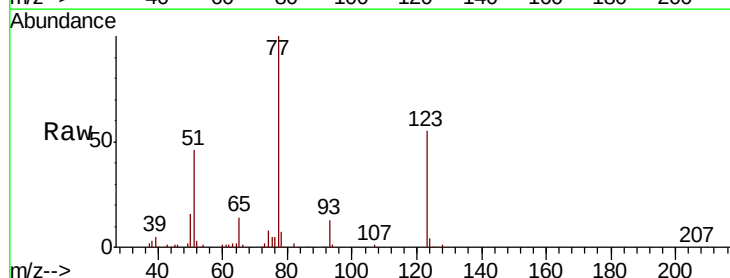
Tgt Ion: 77 Resp: 92460

Ion Ratio Lower Upper

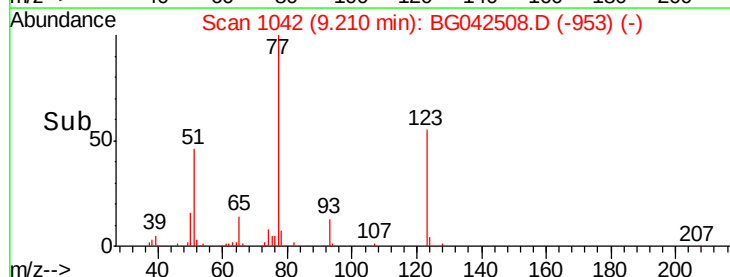
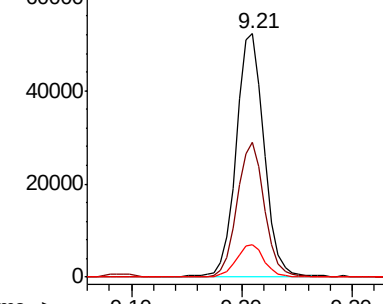
77 100

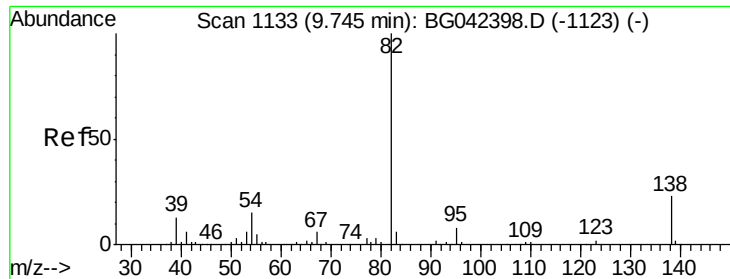
123 55.4 43.4 65.0

65 13.5 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

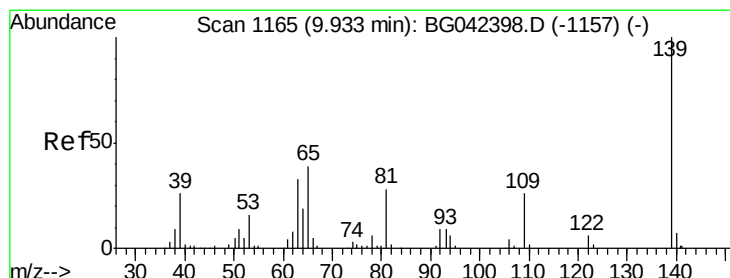
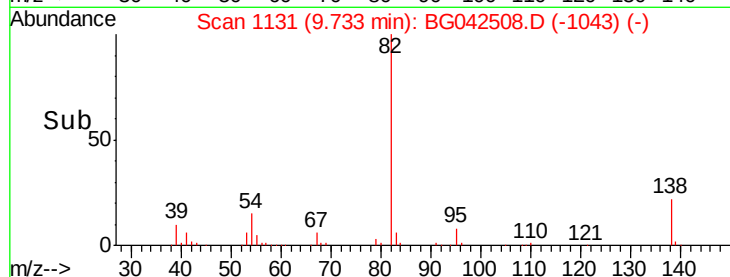
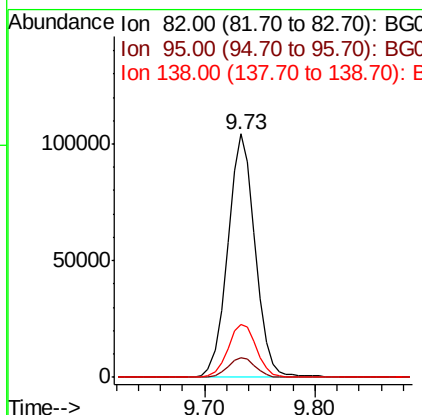
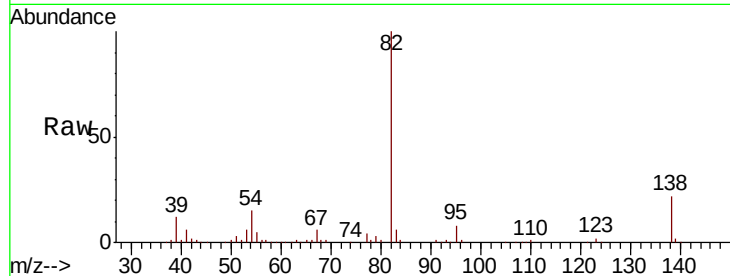




#25
Isophorone
Concen: 51.953 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

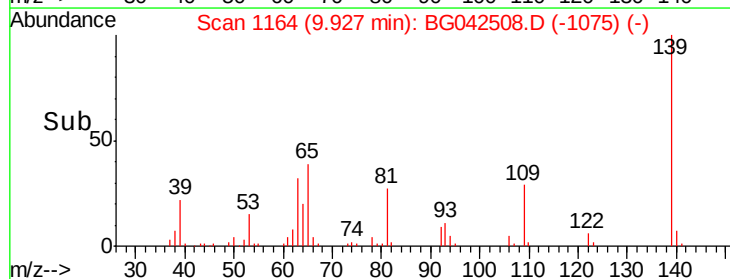
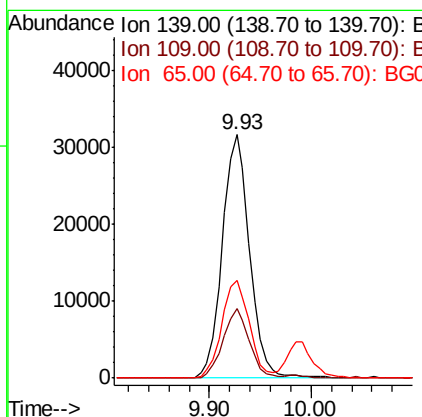
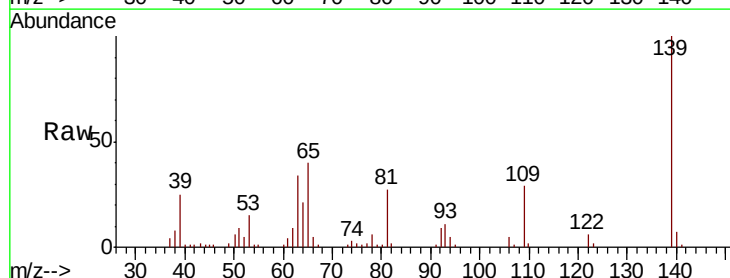
Instrument :
BNA_G
ClientSampleId :

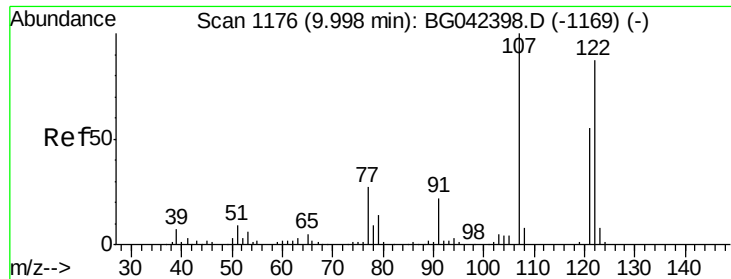
Tot Ion	82	Resp	180811
Ion Ratio	100	Lower	Upper
95	8.0	6.6	9.8
138	21.8	18.6	27.8



#26
2-Nitrophenol
Concen: 52.674 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Tgt Ion	139	Resp	58946
Ion Ratio	100	Lower	Upper
109	28.6	20.5	30.7
65	40.1	30.9	46.3

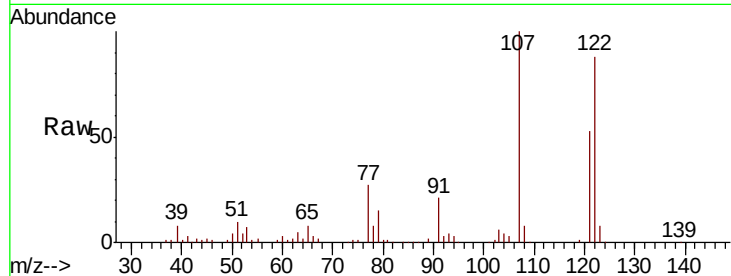




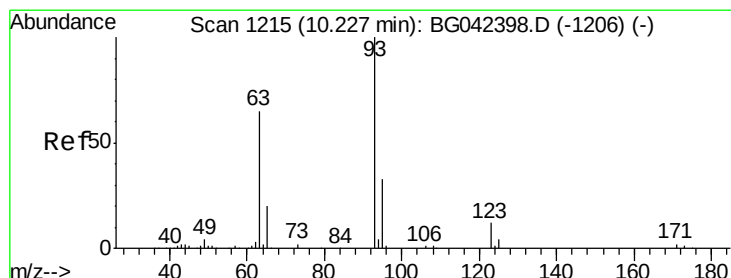
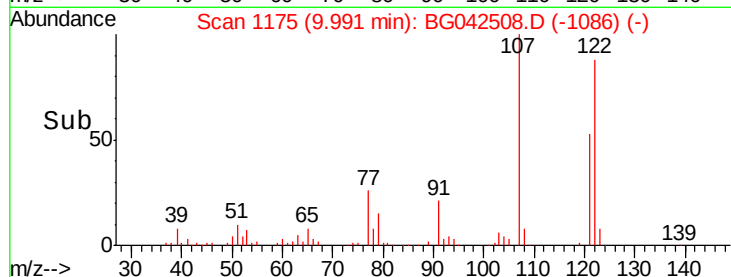
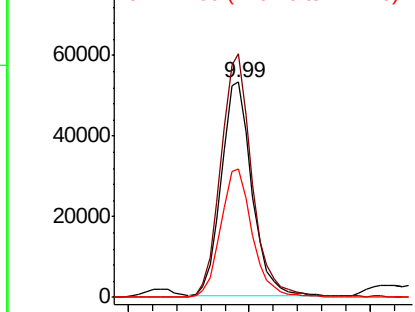
#27
 2,4-Dimethylphenol
 Concen: 60.344 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 93022
 Ion Ratio Lower Upper
 122 100
 107 113.1 90.8 136.2
 121 59.7 49.6 74.4

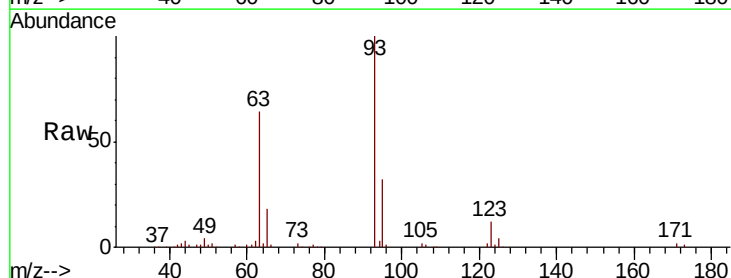


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

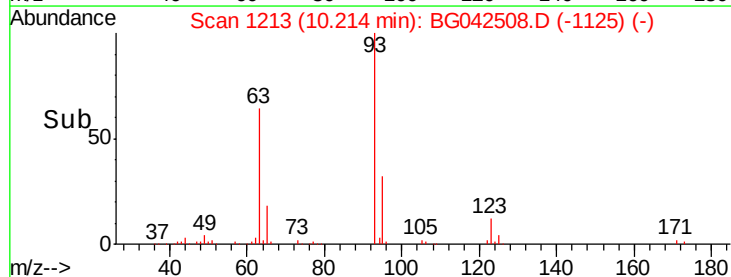
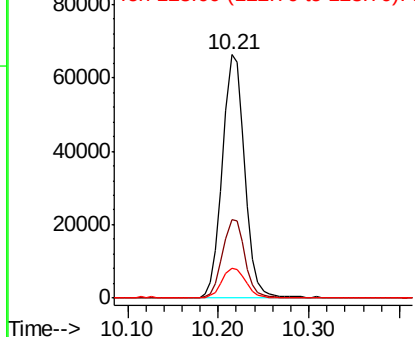


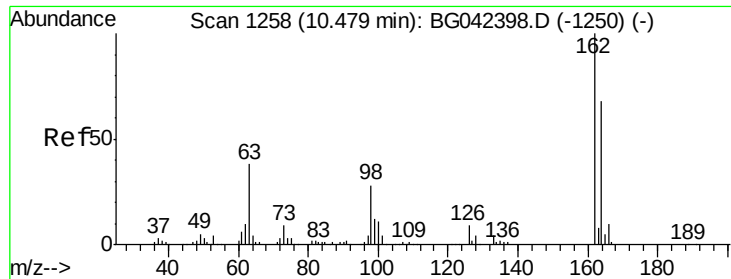
#28
 bis(2-Chloroethoxy)methane
 Concen: 51.771 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Tgt Ion: 93 Resp: 113562
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.6 40.0
 123 12.5 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

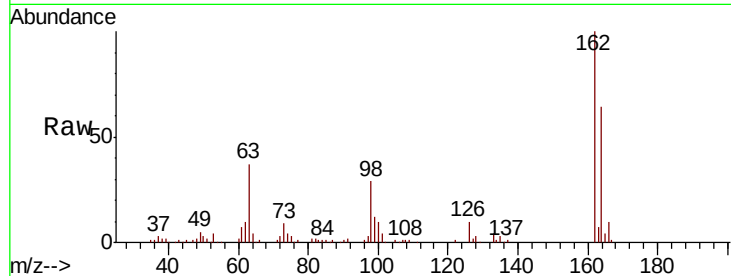




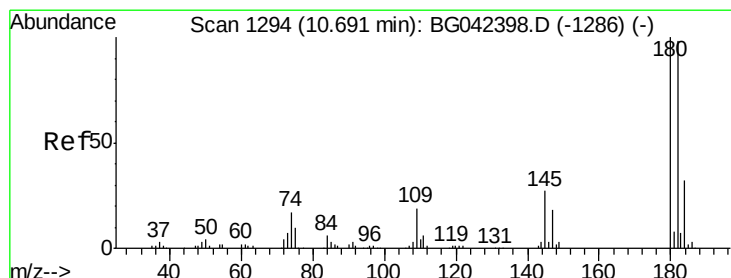
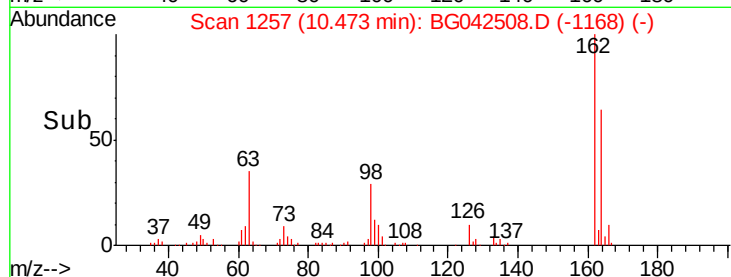
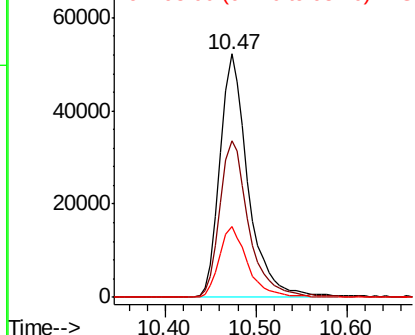
#29
 2,4-Dichlorophenol
 Concen: 55.769 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	48.1	88.1
98	29.3	7.6	47.6

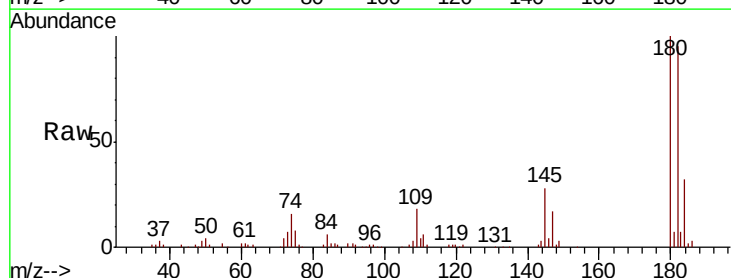


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

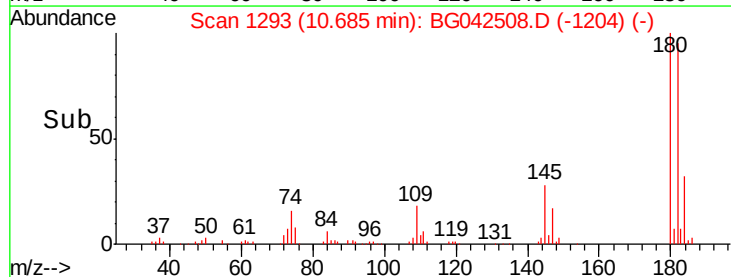
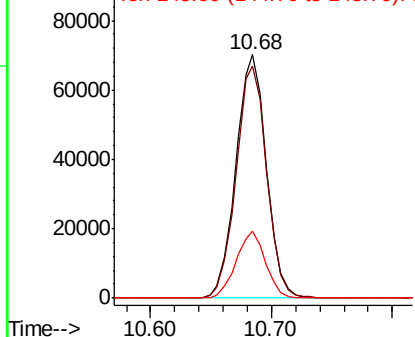


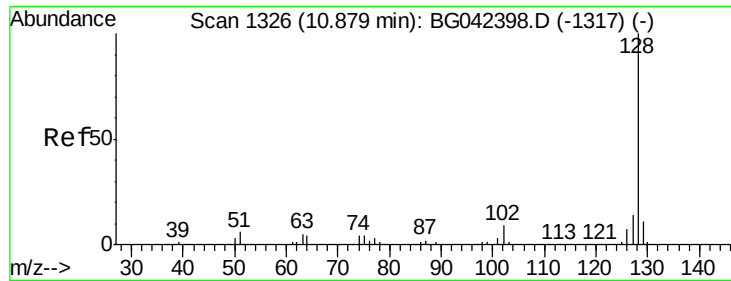
#30
 1,2,4-Trichlorobenzene
 Concen: 49.554 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.7	118.1
145	27.7	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

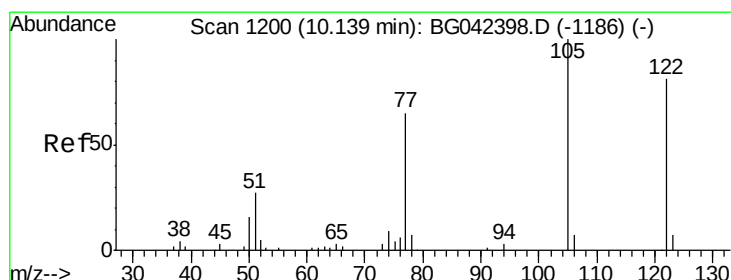
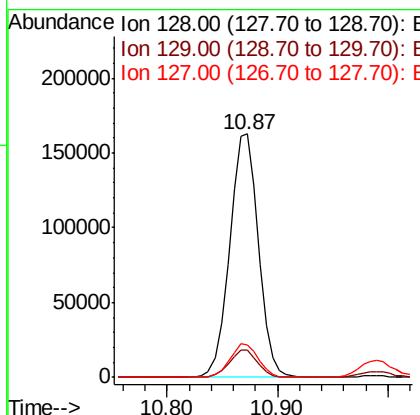
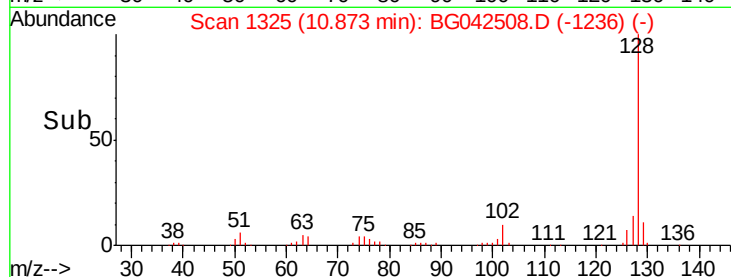
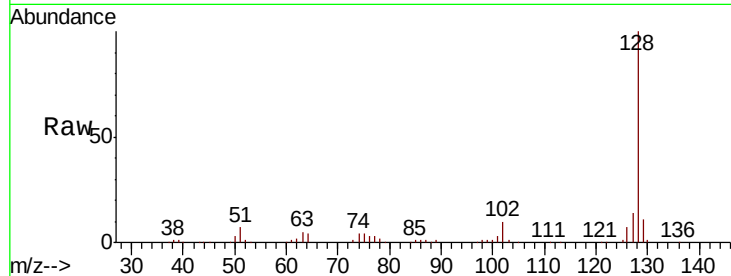




#31
Naphthalene
Concen: 52.334 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

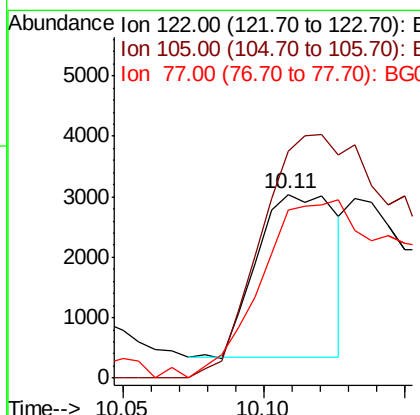
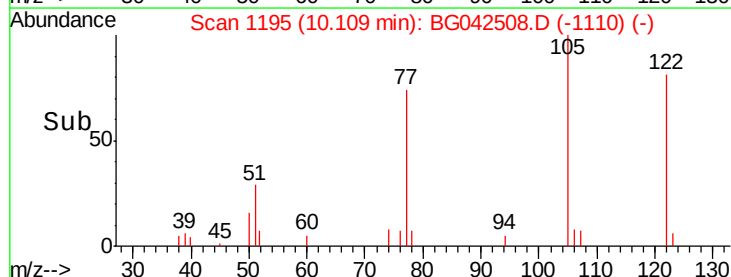
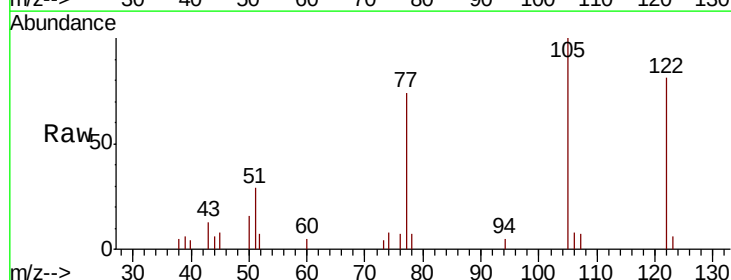
Instrument :
BNA_G
ClientSampleId :

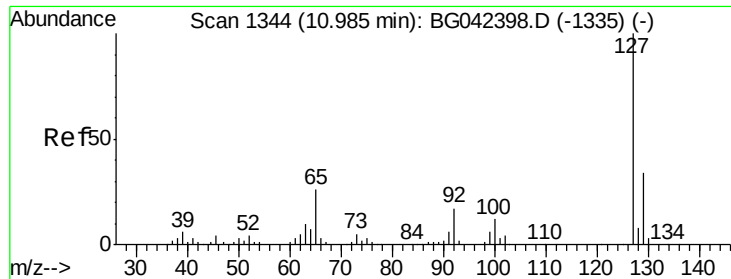
Tot Ion:128 Resp: 296093
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 11.4 17.0



#32
Benzoic acid
Concen: 12.081 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Tgt Ion:122 Resp: 5274
Ion Ratio Lower Upper
122 100
105 123.6 99.6 139.6
77 91.5 59.5 99.5

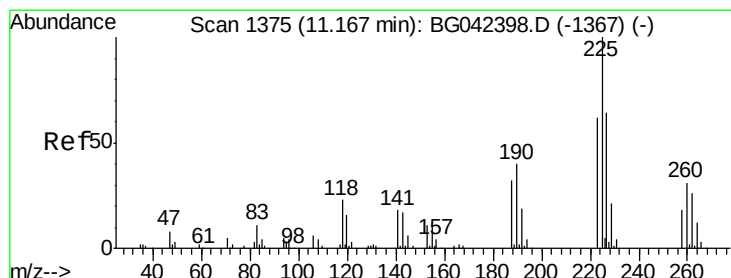
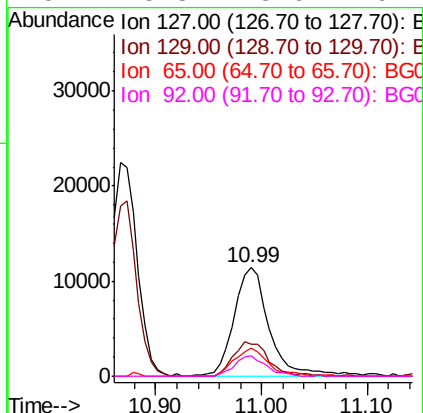
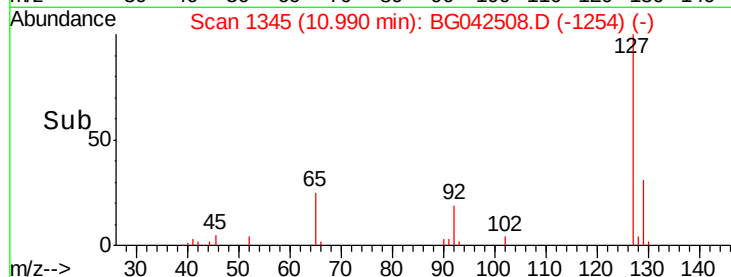
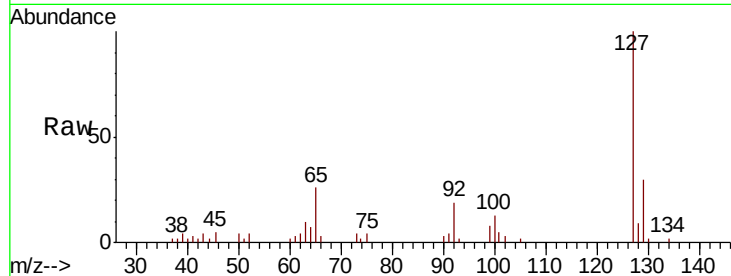




#33
4-Chloroaniline
Concen: 10.010 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

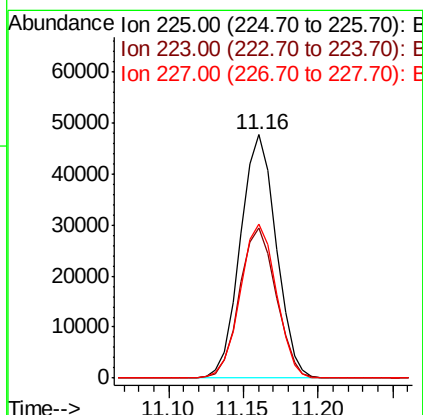
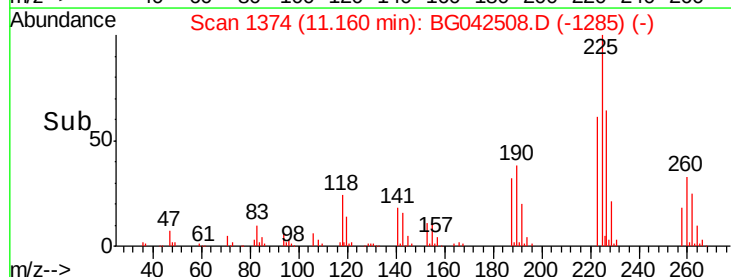
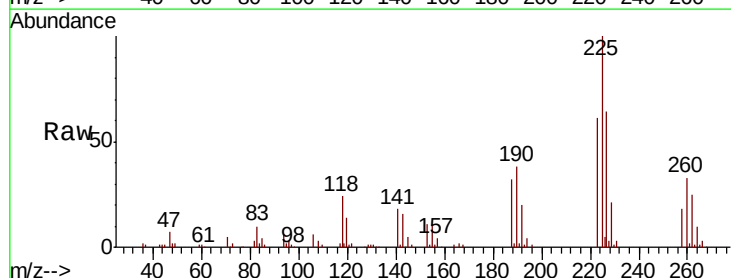
Instrument :
BNA_G
ClientSampleId :

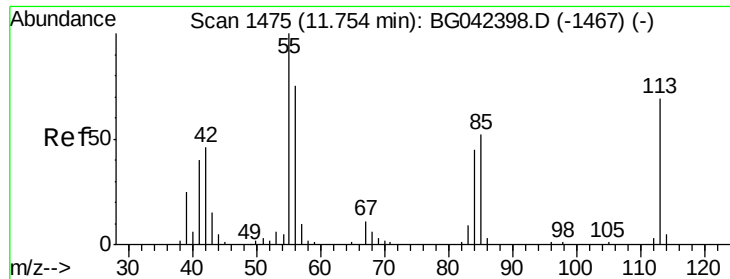
Tot Ion:	127	Resp:	26145
Ion	Ratio	Lower	Upper
127	100		
129	29.9	26.8	40.2
65	26.0	20.7	31.1
92	18.8	13.6	20.4



#34
Hexachlorobutadiene
Concen: 47.848 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Tgt Ion:	225	Resp:	79607
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.8	74.6
227	63.5	50.9	76.3

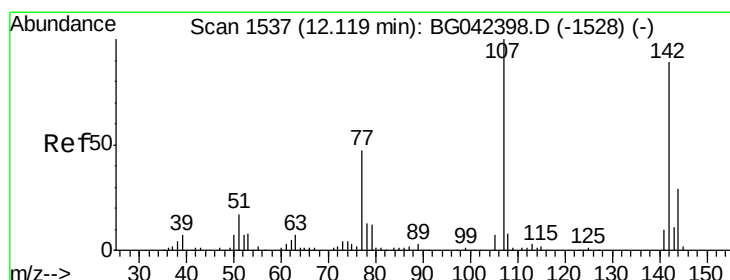
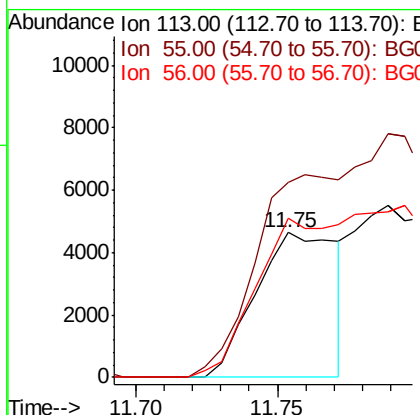
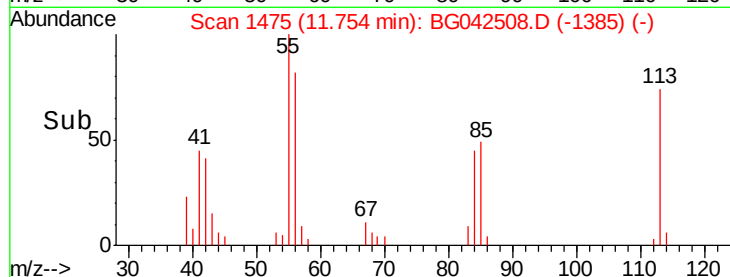
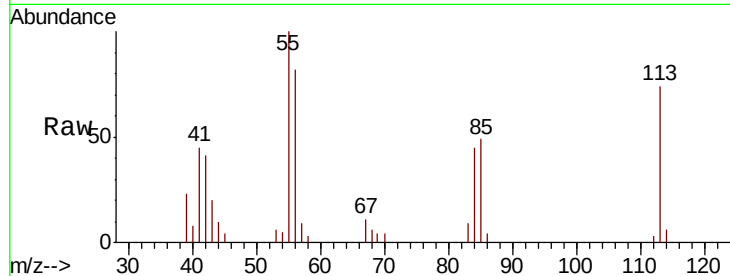




#35
 Caprolactam
 Concen: 13.774 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

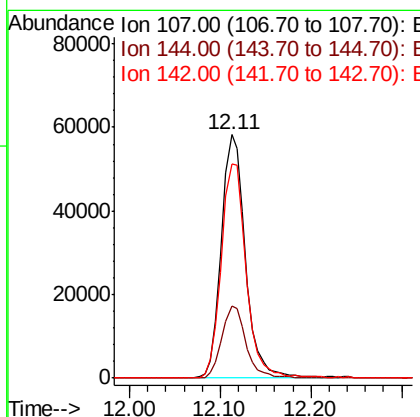
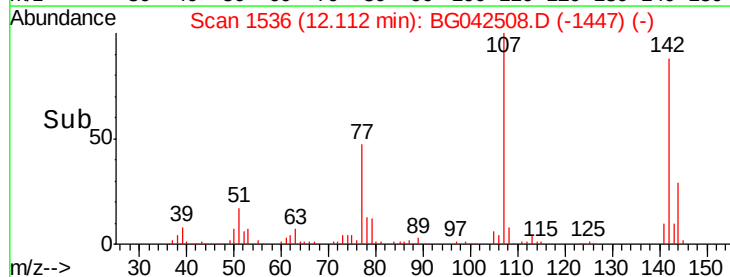
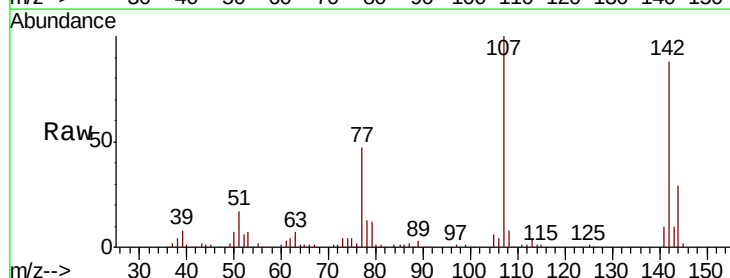
Instrument :
 BNA_G
 ClientSampled :

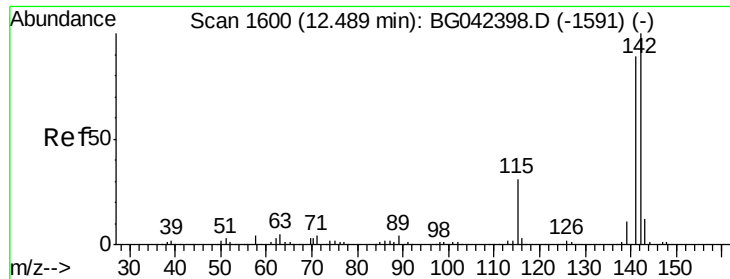
Tot Ion:113 Resp: 9270
 Ion Ratio Lower Upper
 113 100
 55 134.6 124.6 164.6
 56 109.8 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 56.118 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Tgt Ion:107 Resp: 107443
 Ion Ratio Lower Upper
 107 100
 144 29.4 23.6 35.4
 142 87.9 71.0 106.4

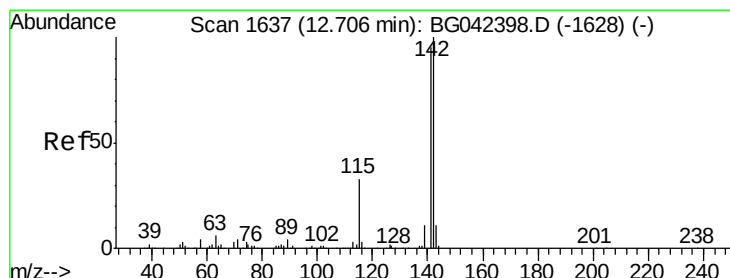
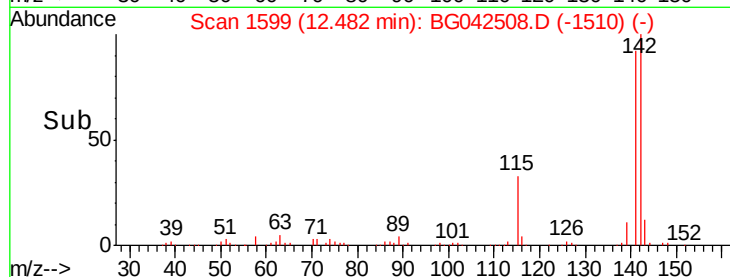
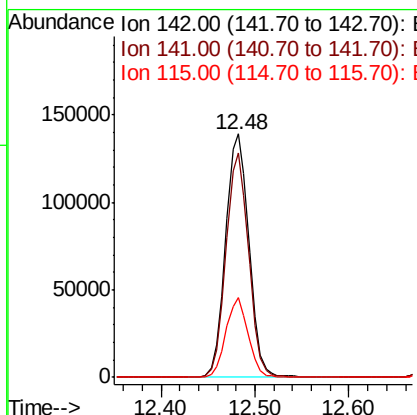
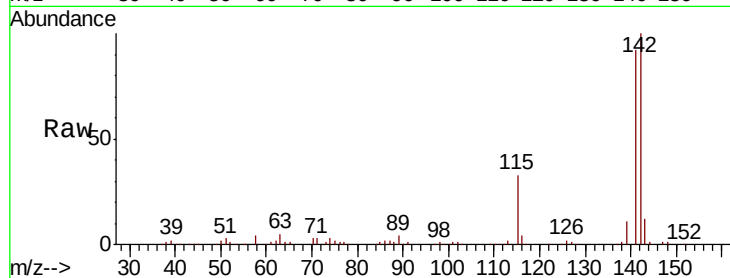




#37
 2-Methylnaphthalene
 Concen: 52.765 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

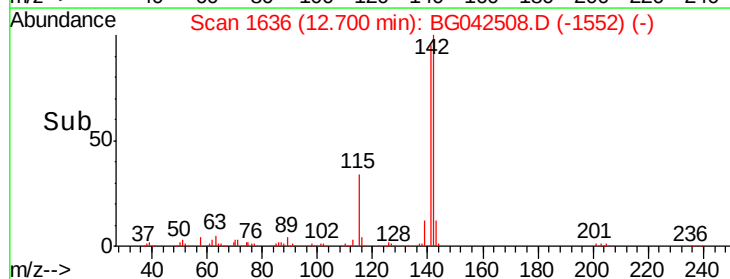
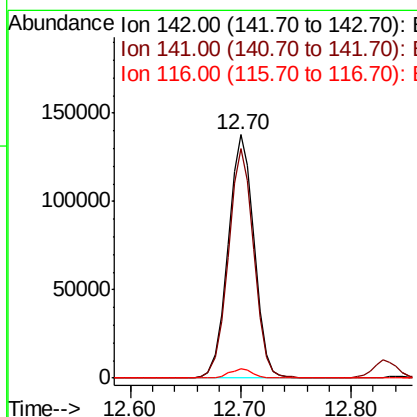
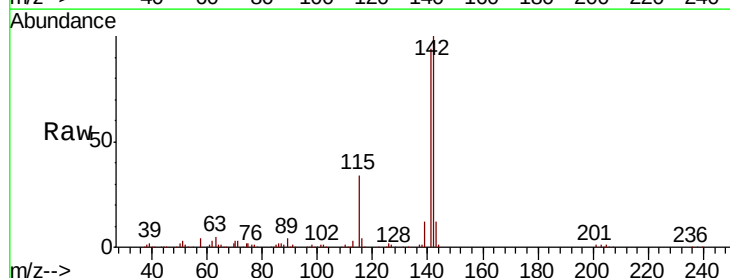
Instrument :
 BNA_G
 ClientSampleId :

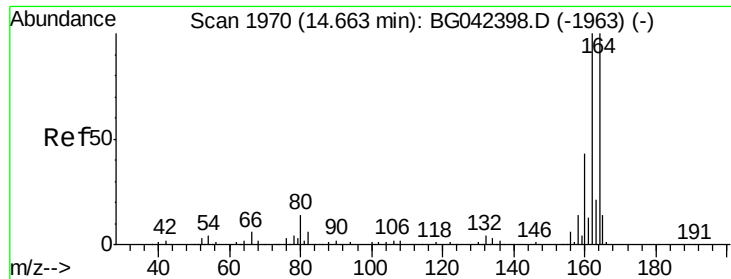
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.4	107.2
115	32.6	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 52.562 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	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. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampleId :

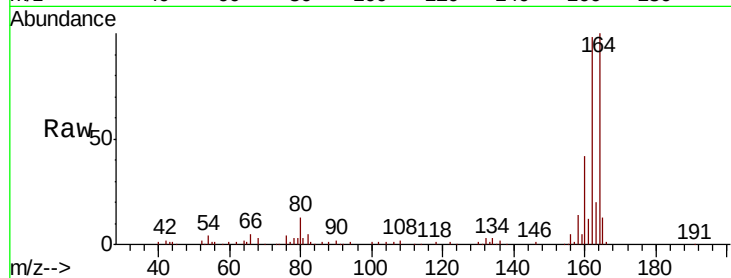
Tot Ion:164 Resp: 94067

Ion Ratio Lower Upper

164 100

162 98.4 79.9 119.9

160 41.8 34.3 51.5

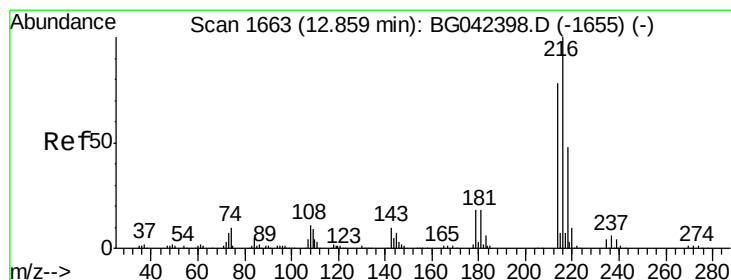
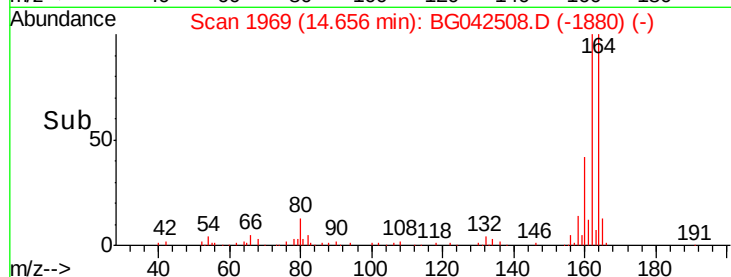
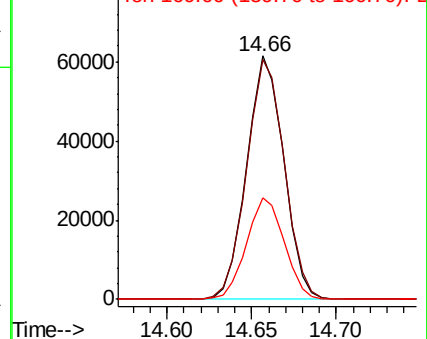


Abundance

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: 50.933 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Tgt Ion:216 Resp: 153861

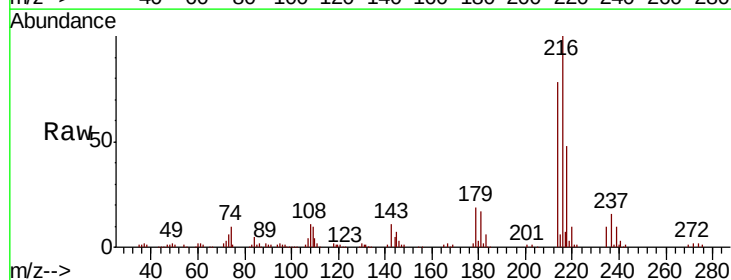
Ion Ratio Lower Upper

216 100

214 77.4 61.4 92.2

179 18.6 15.1 22.7

108 12.9 9.4 14.0



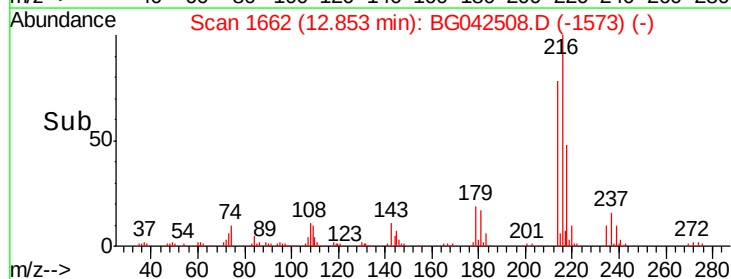
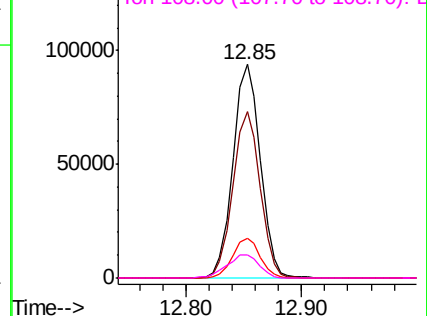
Abundance

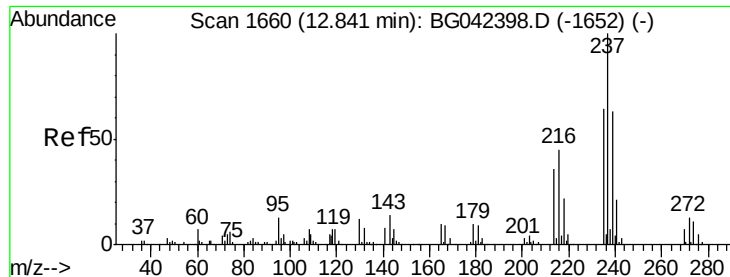
Ion 216.00 (215.70 to 216.70): E

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

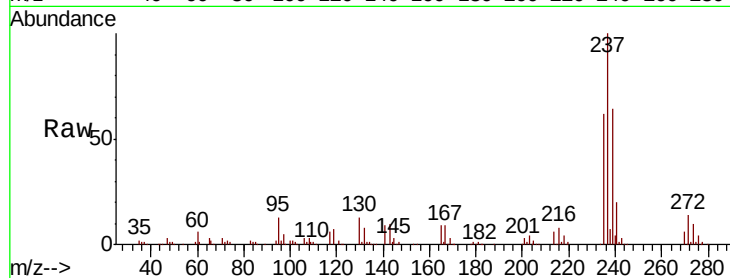




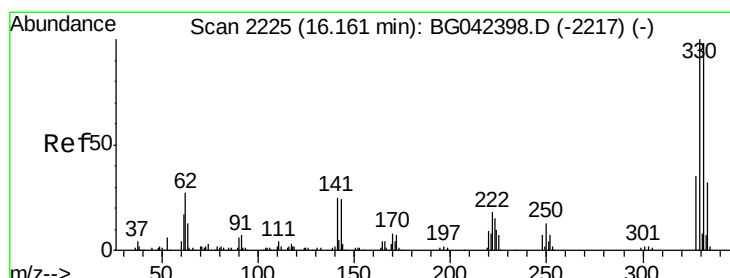
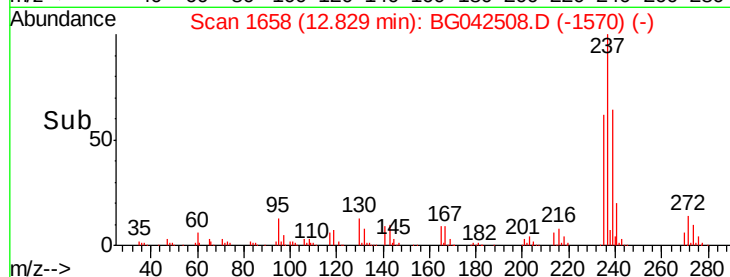
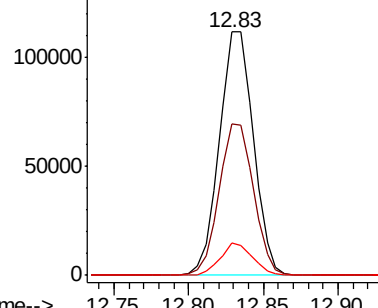
#41
Hexachlorocyclopentadiene
Concen: 111.015 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 176159
Ion Ratio Lower Upper
237 100
235 62.4 43.7 83.7
272 13.5 0.0 33.3

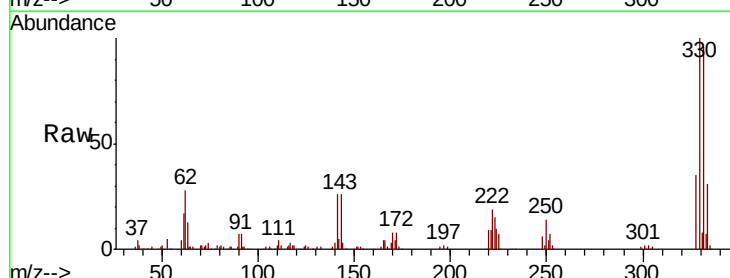


Abundance Ion 236.80 (236.50 to 237.50): E
150000 Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

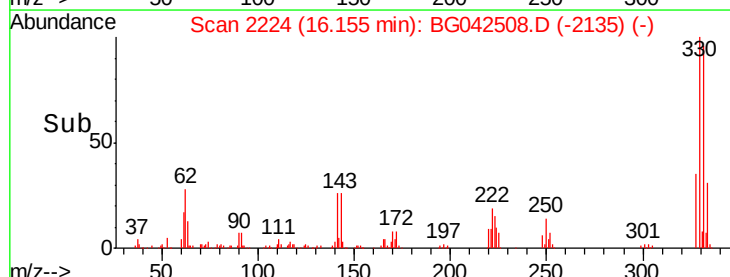
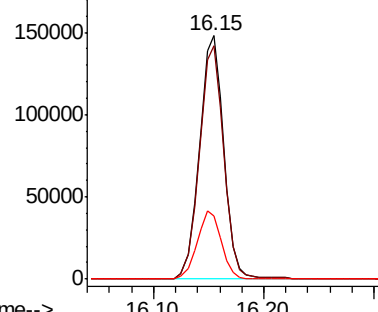


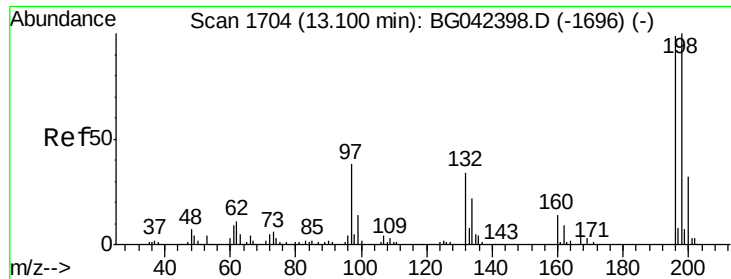
#42
2,4,6-Tribromophenol
Concen: 170.445 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Tgt Ion:330 Resp: 227886
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 27.9 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E
200000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

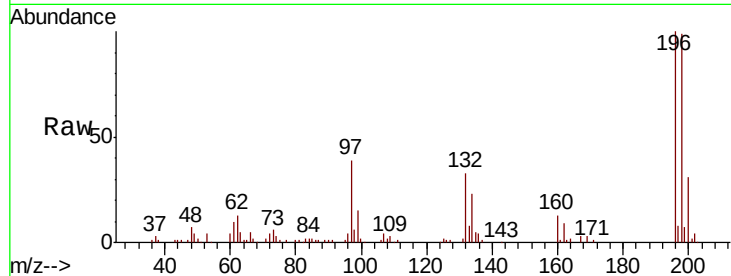




#43
 2,4,6-Trichlorophenol
 Concen: 51.348 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	104846
Ion Ratio	Lower	Upper	
196	100		
198	98.9	80.7	121.1
200	30.7	25.7	38.5

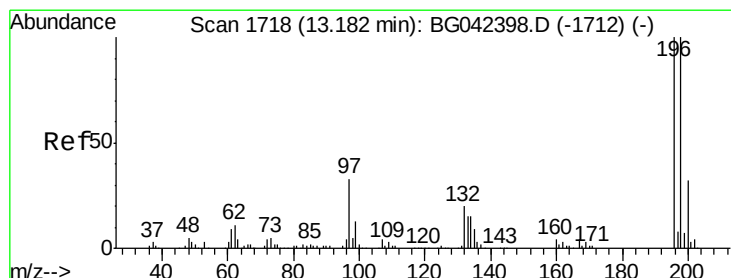
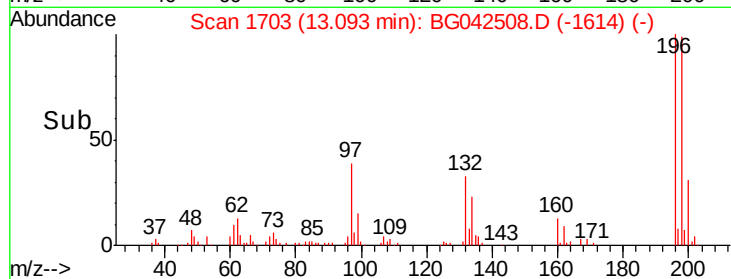
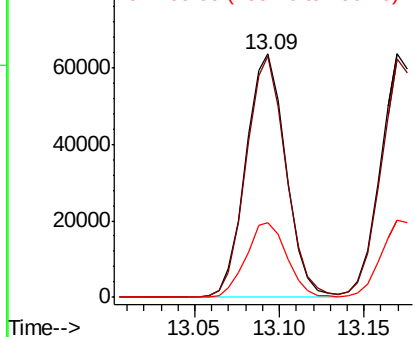


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 55.282 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Tgt Ion	196	Resp	116974
Ion Ratio	Lower	Upper	
196	100		
198	97.9	80.2	120.4
97	33.7	26.3	39.5
132	20.7	16.6	24.8

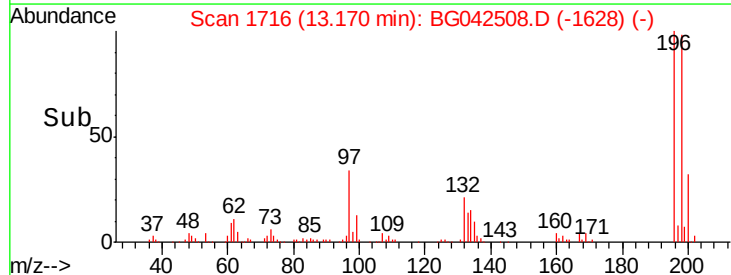
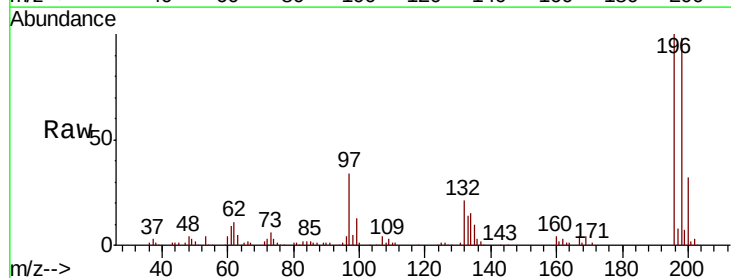
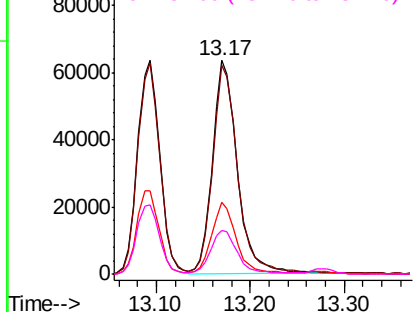
Abundance

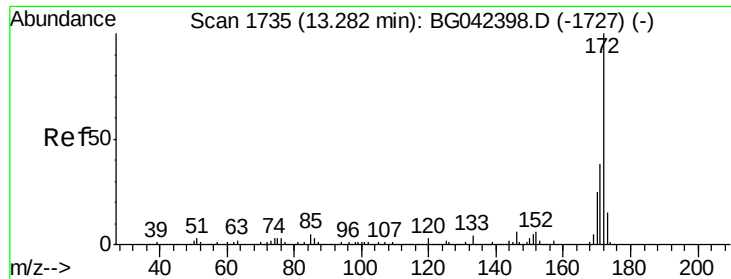
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

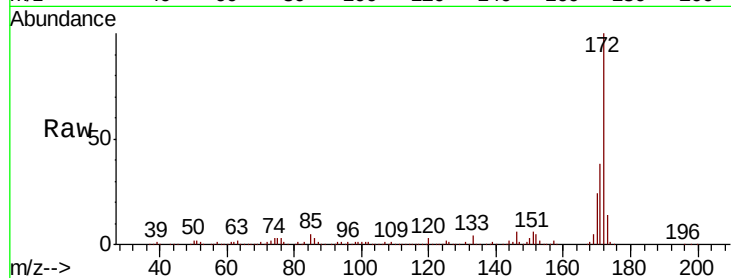




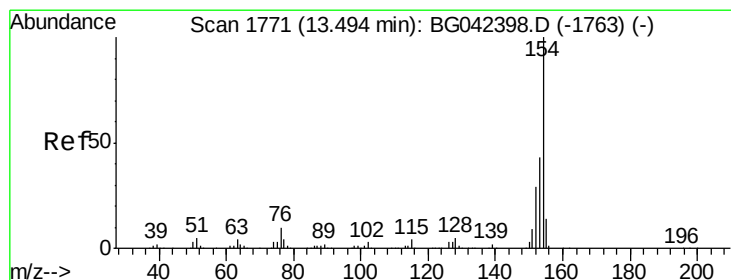
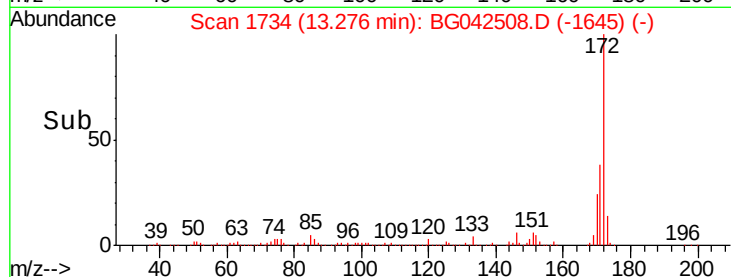
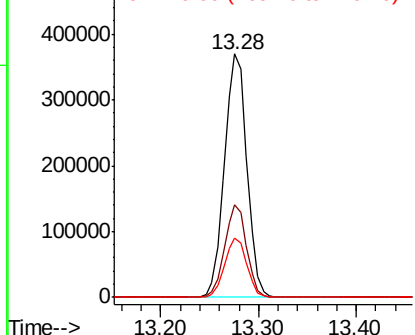
#45
2-Fluorobiphenyl
Concen: 105.425 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.5	45.7
170	24.2	20.2	30.2

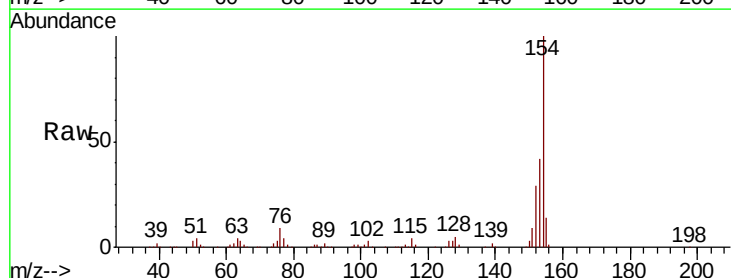


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

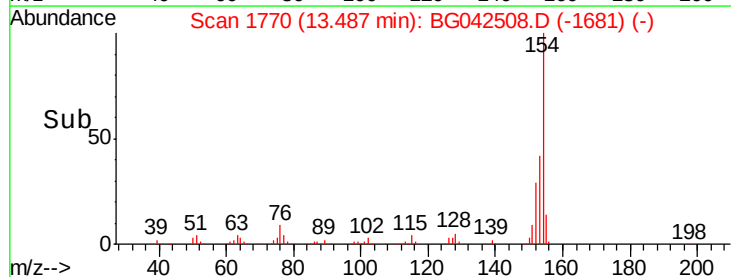
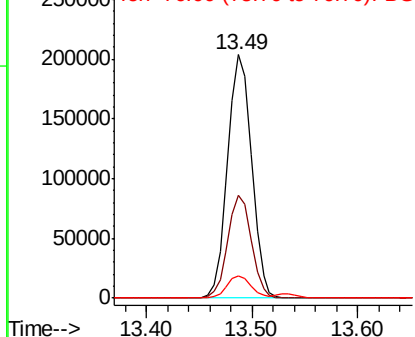


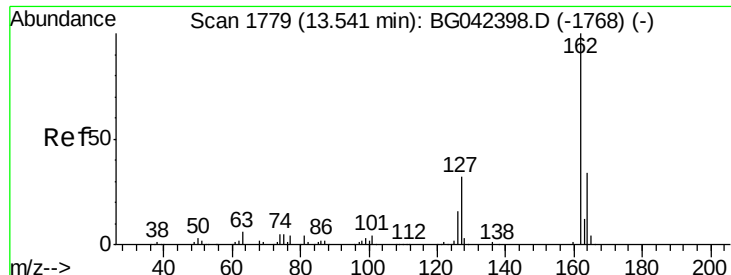
#46
1,1'-Biphenyl
Concen: 52.508 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	23.0	63.0
76	9.3	0.0	29.6



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

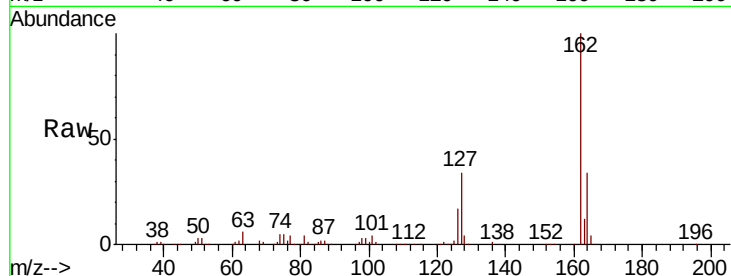




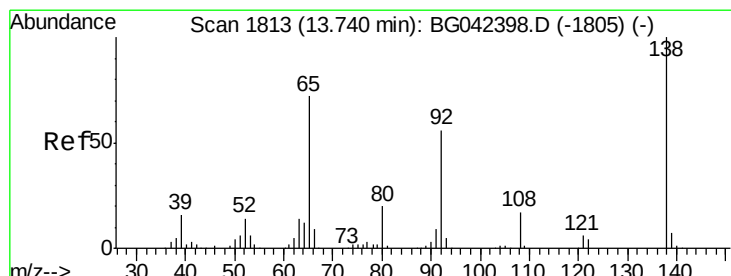
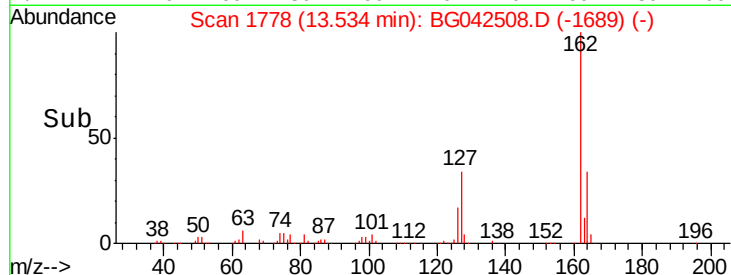
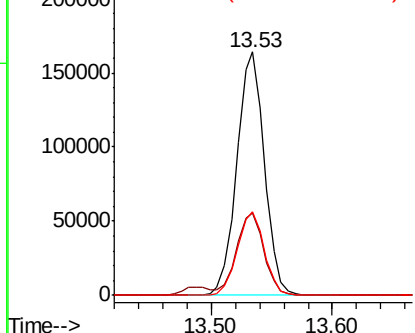
#47
 2-Chloronaphthalene
 Concen: 49.701 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.7	26.0	39.0
164	34.1	27.4	41.0

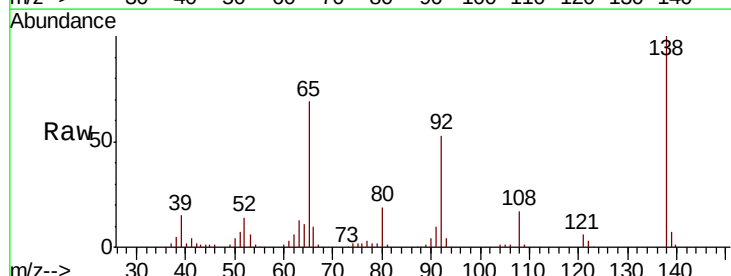


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

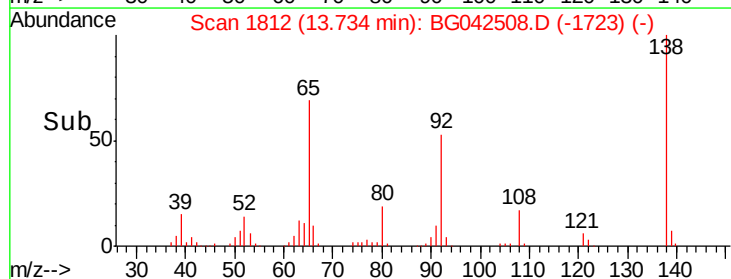
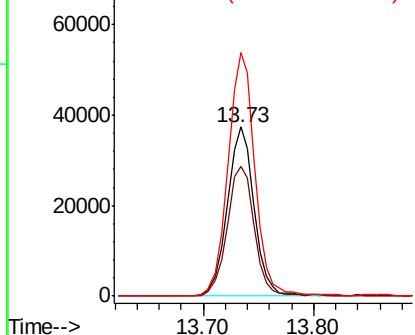


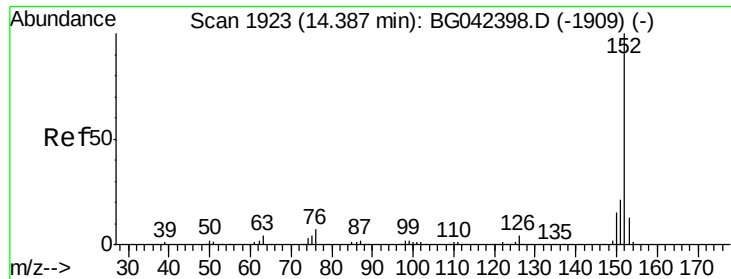
#48
 2-Nitroaniline
 Concen: 50.401 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.5	61.8	92.6
138	144.1	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: 53.604 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampleId :

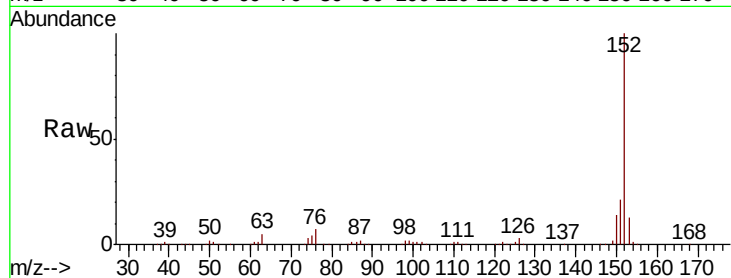
Tot Ion:152 Resp: 422828

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

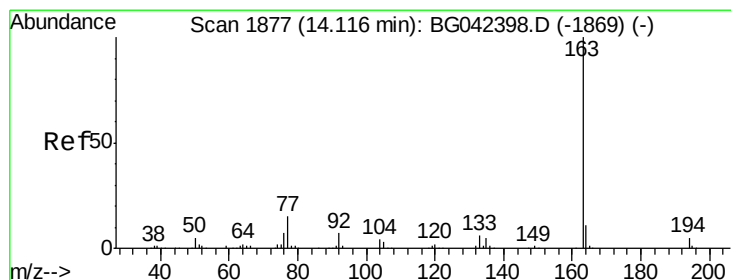
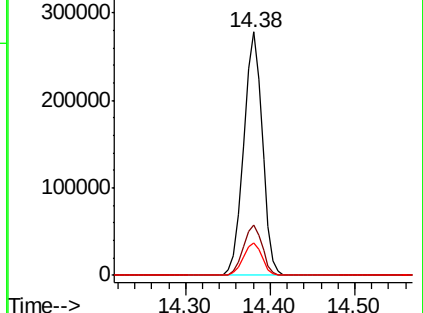
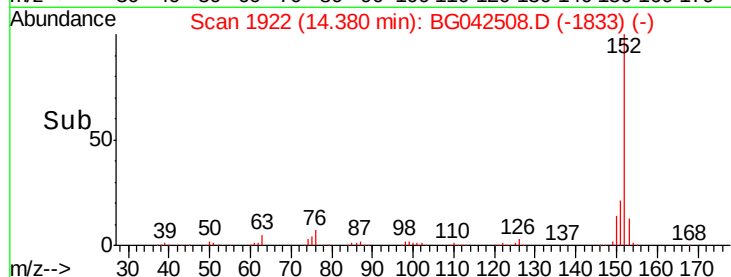
153 13.1 10.6 16.0



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: 51.952 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

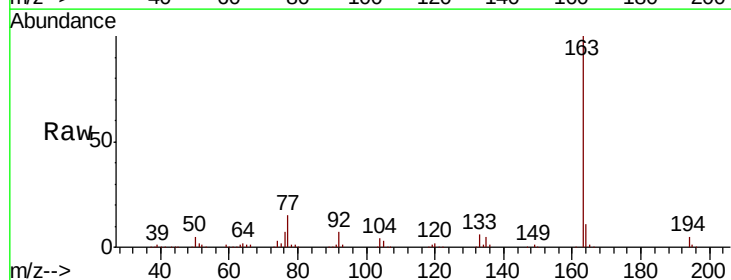
Tgt Ion:163 Resp: 352615

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

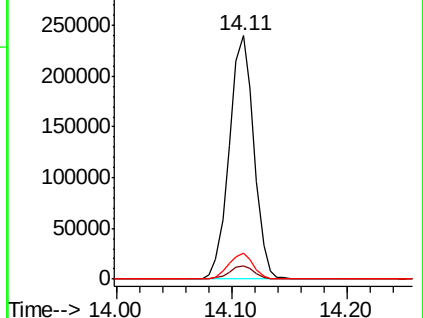
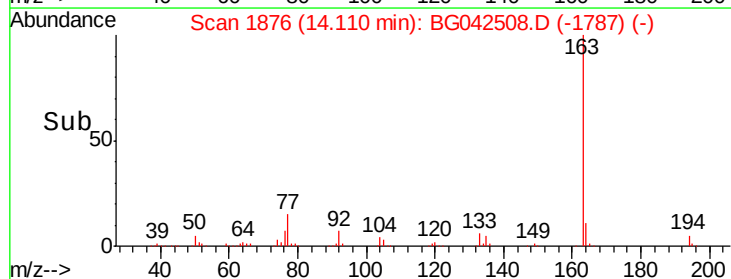
164 10.8 8.8 13.2

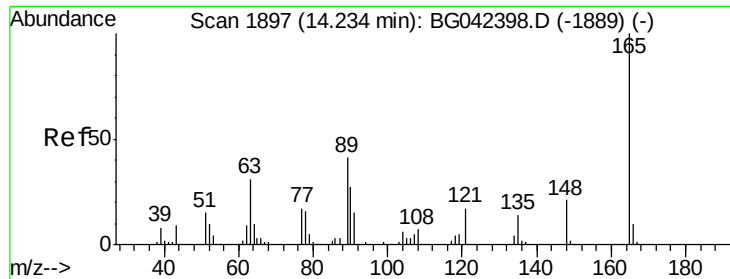


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 54.709 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG042508.D

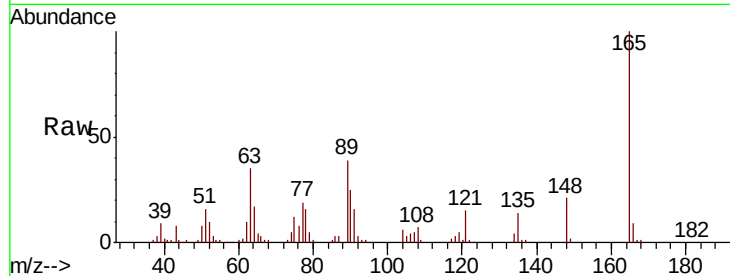
Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampleId :

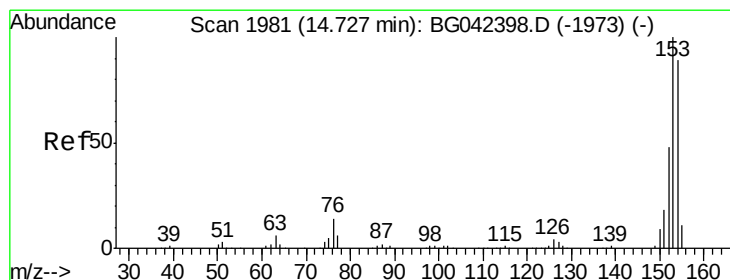
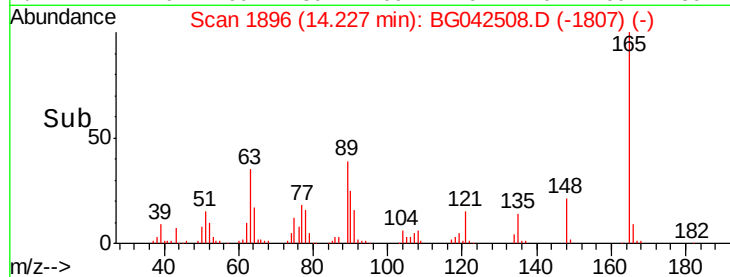
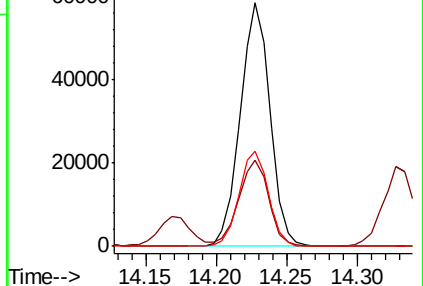
Tot Ion:165	Resp:	86070
Ion Ratio	Lower	Upper
165	100	
63	35.3	30.6 45.8
89	39.3	32.6 49.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 52.081 ng

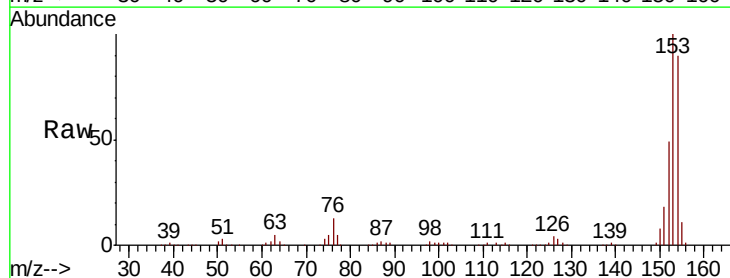
RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

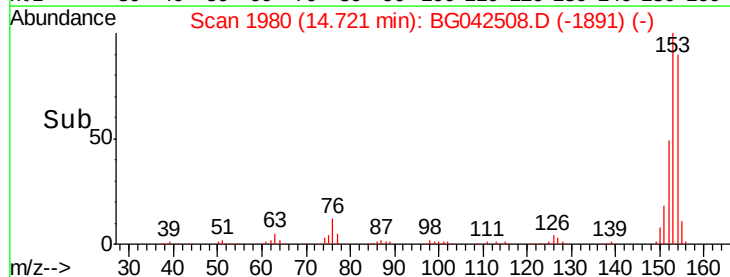
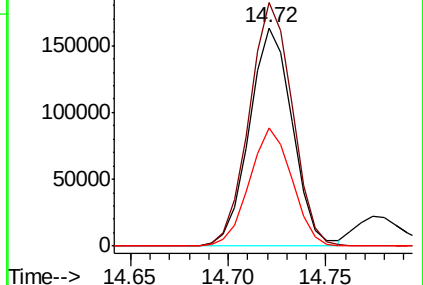
Tgt Ion:154	Resp:	249453
Ion Ratio	Lower	Upper
154	100	
153	111.4	90.2 135.4
152	54.1	43.2 64.8

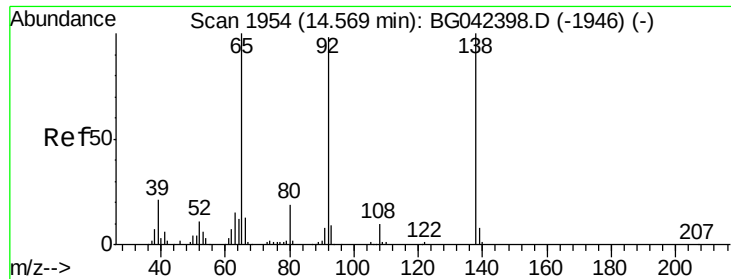


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.907 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampleId :

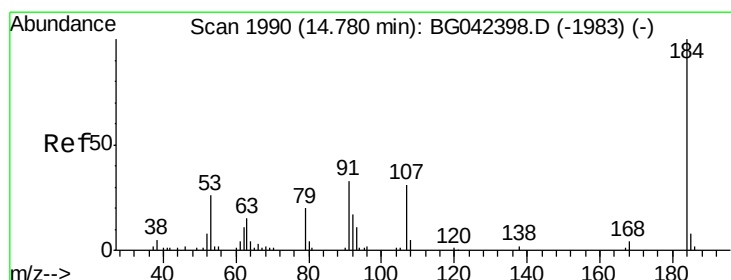
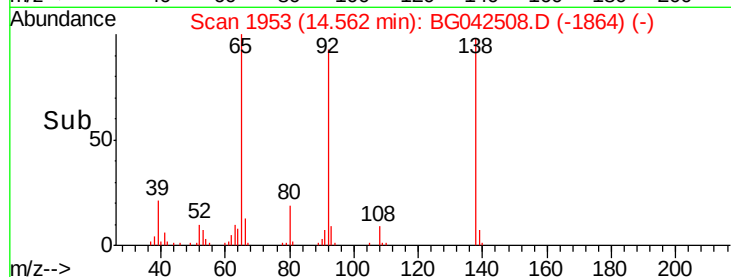
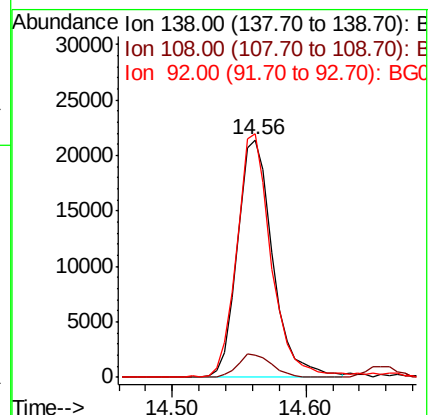
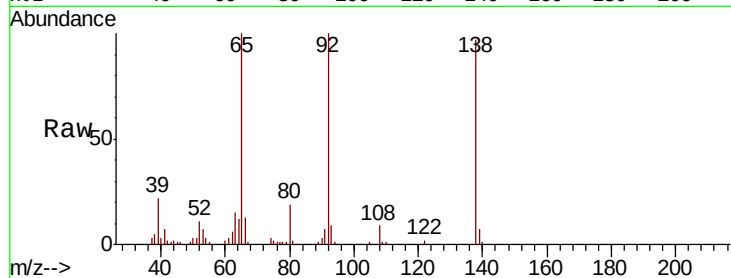
Tot Ion:138 Resp: 39189

Ion Ratio Lower Upper

138 100

108 9.1 8.3 12.5

92 102.5 78.2 117.4



#54

2,4-Dinitrophenol

Concen: 83.842 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

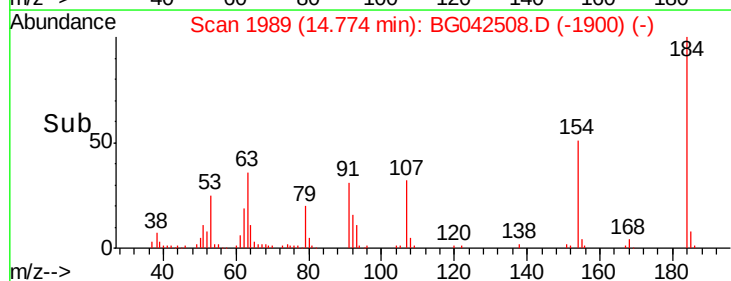
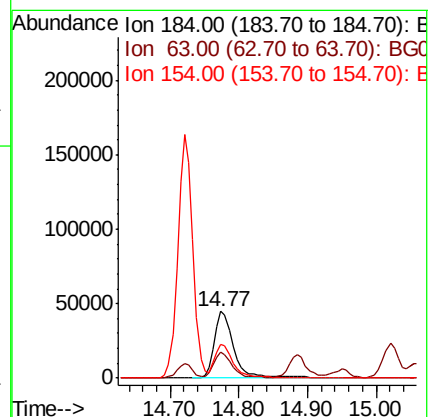
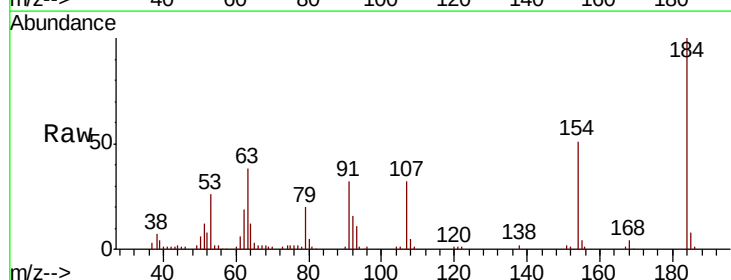
Tgt Ion:184 Resp: 89261

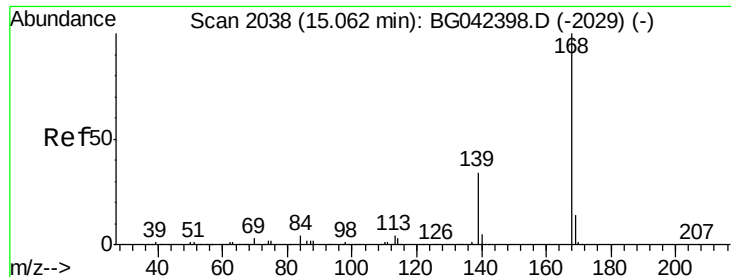
Ion Ratio Lower Upper

184 100

63 38.0 31.7 47.5

154 50.6 42.0 63.0

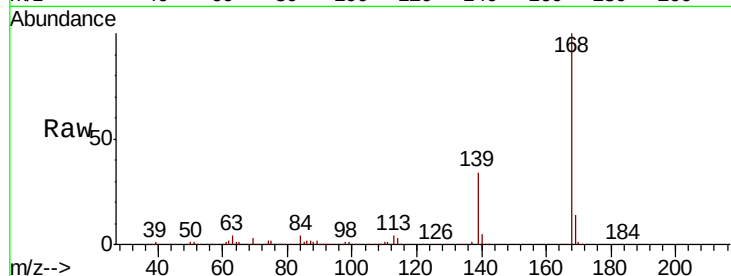




#55
Dibenzenofuran
Concen: 54.053 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.8	27.2	40.8
169	13.6	11.5	17.3

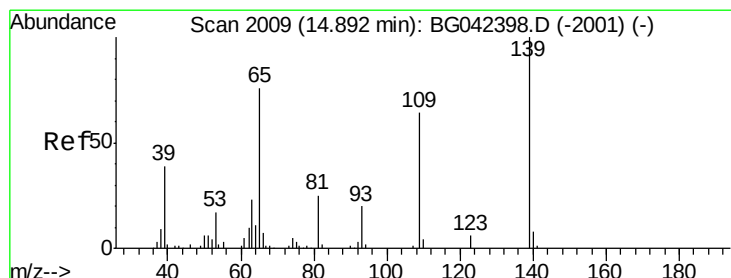
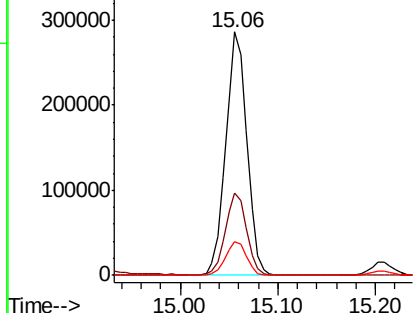
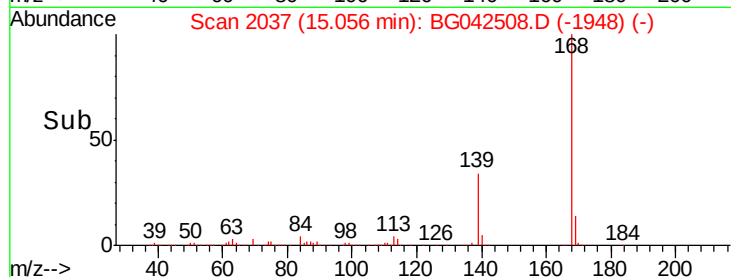


Abundance

Ion 168.00 (167.70 to 168.70): E

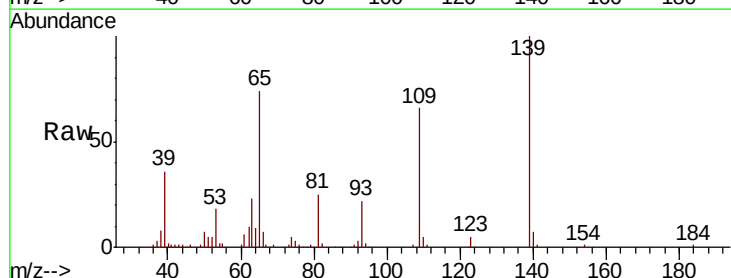
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 120.089 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.8	43.9	83.9
65	74.2	56.3	96.3

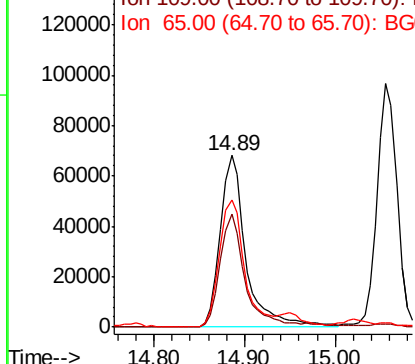
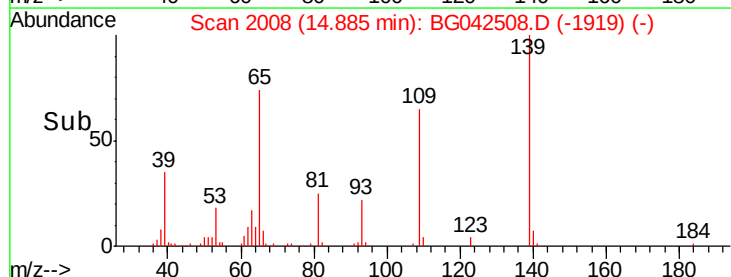


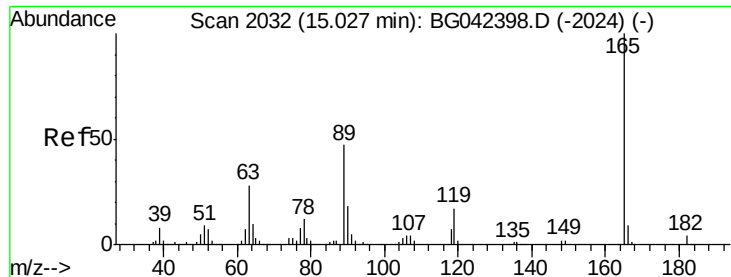
Abundance

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): BG

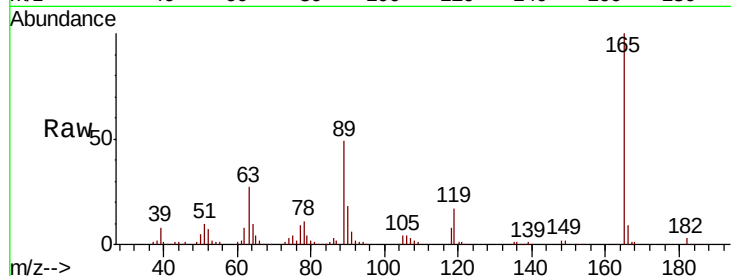




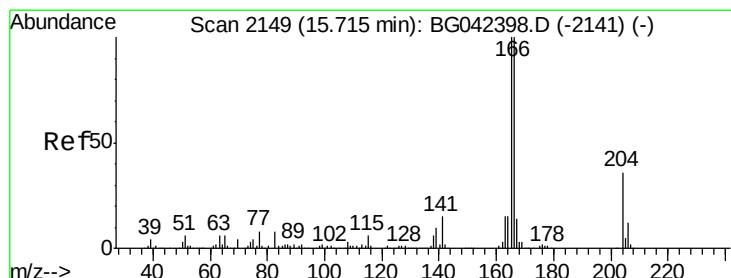
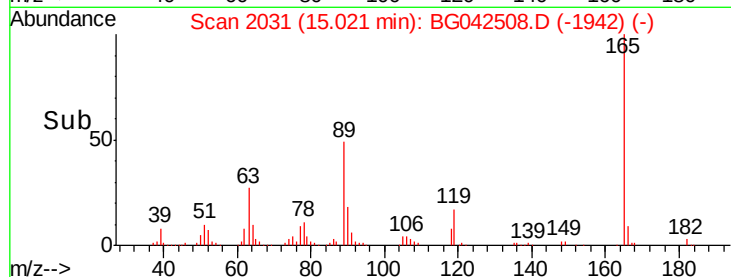
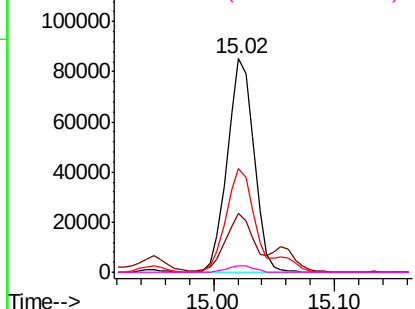
#57
 2,4-Dinitrotoluene
 Concen: 58.110 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	130913
Ion	Ratio	Lower Upper
165	100	
63	27.5	22.5 33.7
89	48.7	37.8 56.6
182	3.3	3.0 4.4

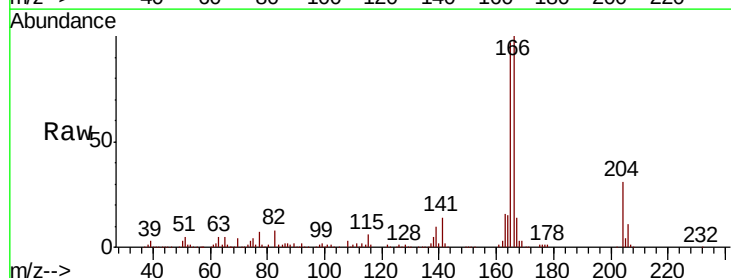


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

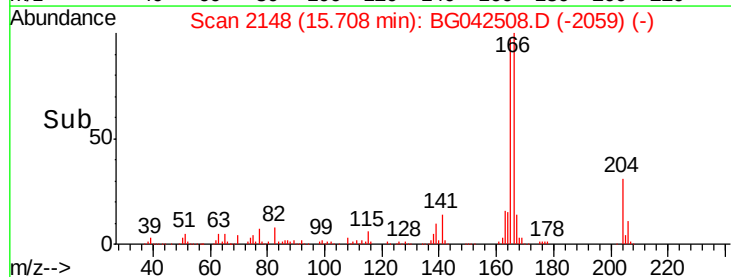
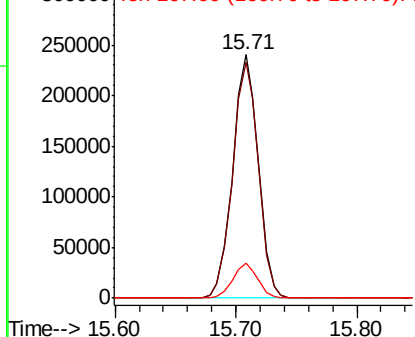


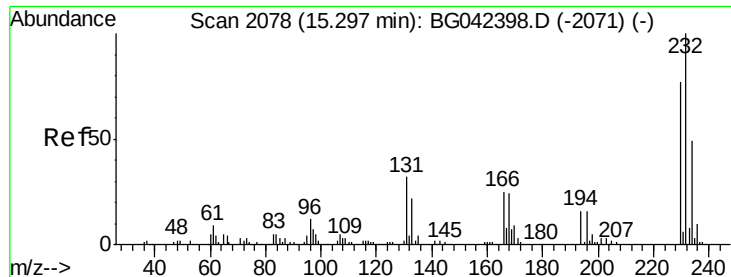
#58
 Fluorene
 Concen: 54.494 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Tgt Ion:166	Resp:	353178
Ion	Ratio	Lower Upper
166	100	
165	96.7	79.7 119.5
167	14.4	10.9 16.3



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

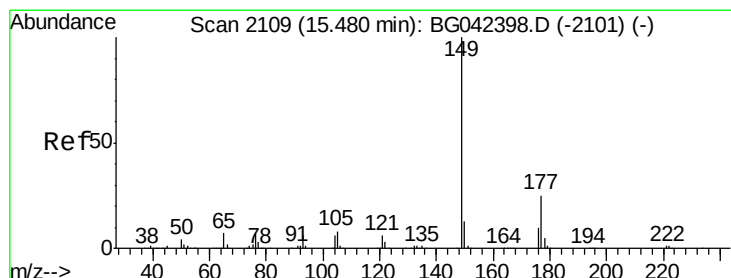
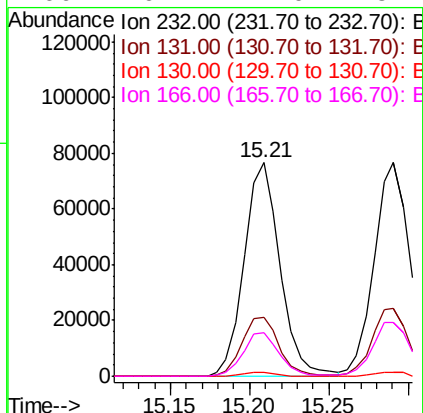
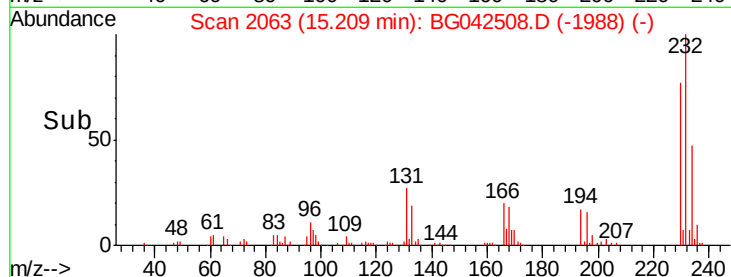
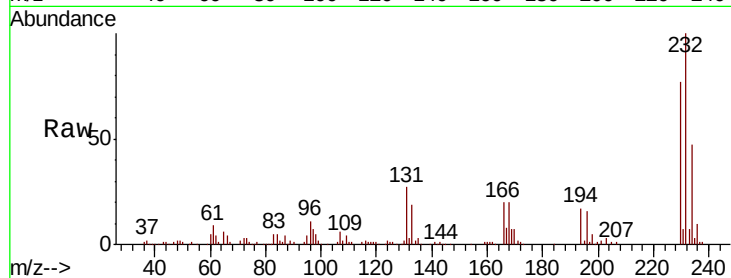




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.511 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

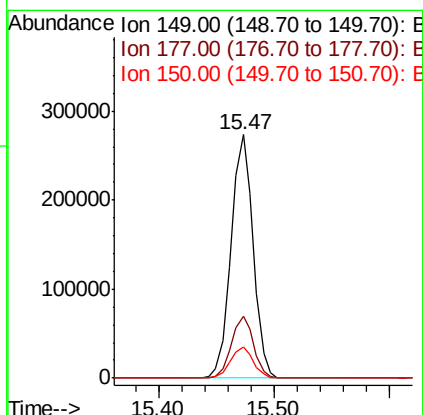
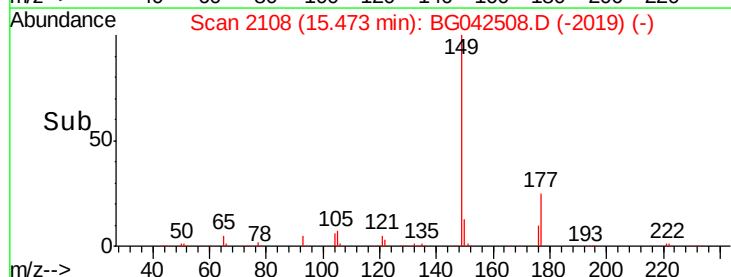
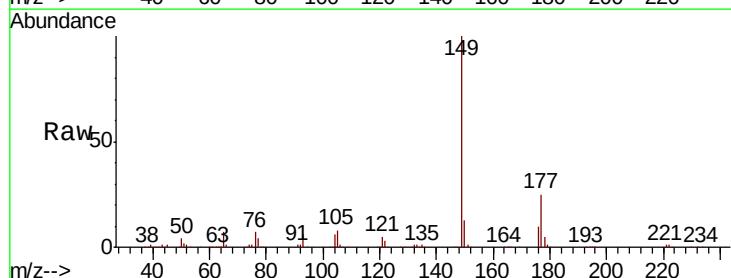
Instrument :
 BNA_G
 ClientSampled :

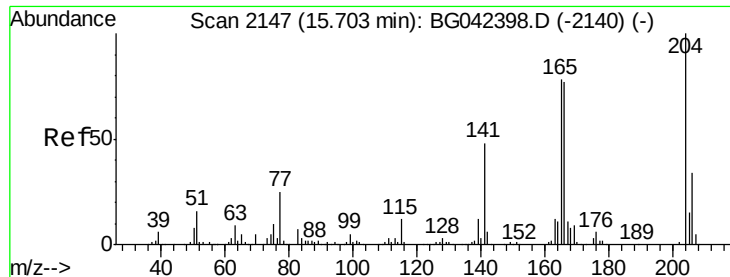
Tot Ion:	232	Resp:	120344
Ion	Ratio	Lower	Upper
232	100		
131	28.6	22.9	34.3
130	1.7	1.4	2.0
166	20.7	17.0	25.4



#60
 Diethylphthalate
 Concen: 54.267 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Tgt Ion:	149	Resp:	360059
Ion	Ratio	Lower	Upper
149	100		
177	25.4	20.4	30.6
150	13.0	10.3	15.5

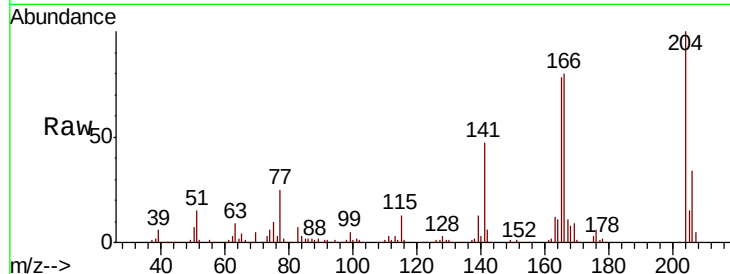




#61
 4-Chlorophenyl-phenylether
 Concen: 52.147 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.2	40.8
141	47.3	38.7	58.1

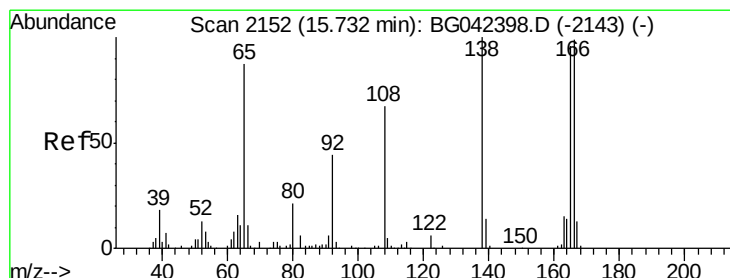
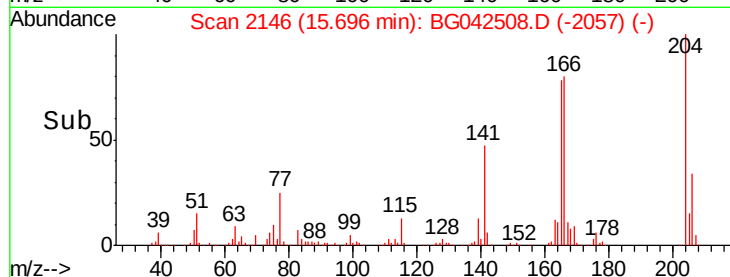
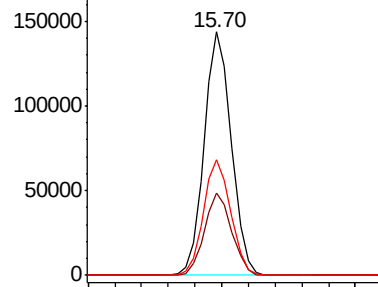


Abundance

Ion 204.00 (203.70 to 204.70): E

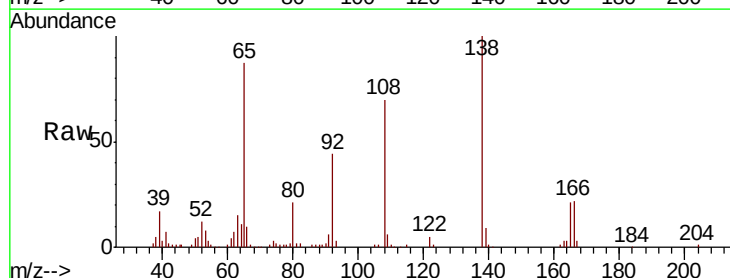
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 59.986 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.8	24.2	64.2
108	70.3	46.8	86.8

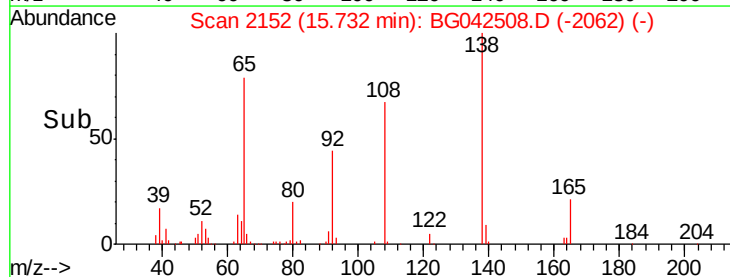
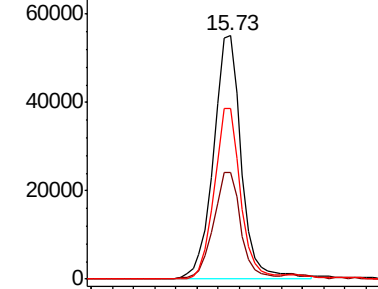


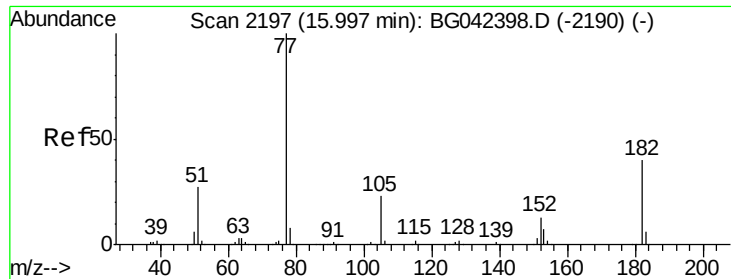
Abundance

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: 54.564 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 248071

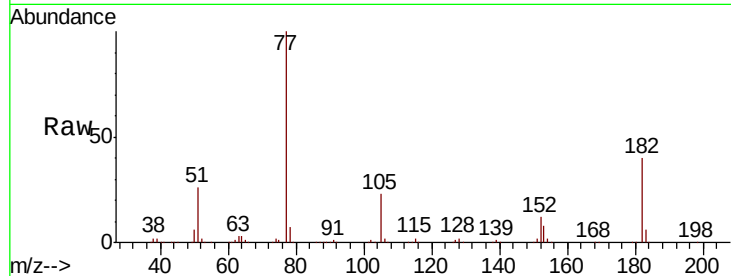
Ion Ratio Lower Upper

77 100

182 40.4 19.9 59.9

105 23.5 2.9 42.9

51 26.1 7.6 47.6

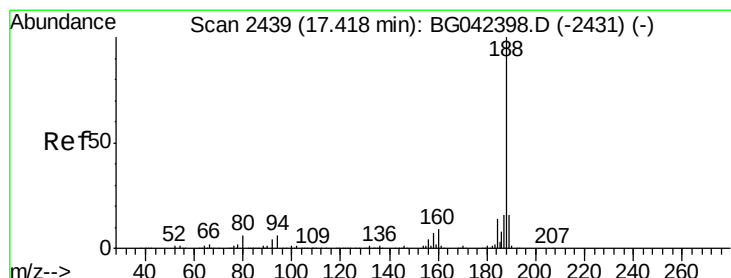
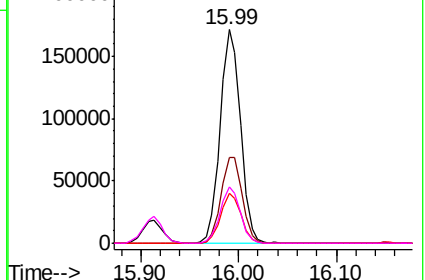
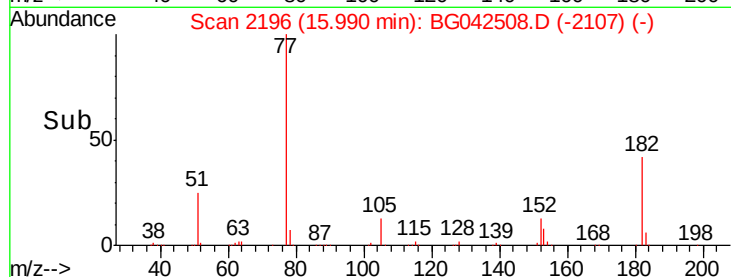


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2438

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

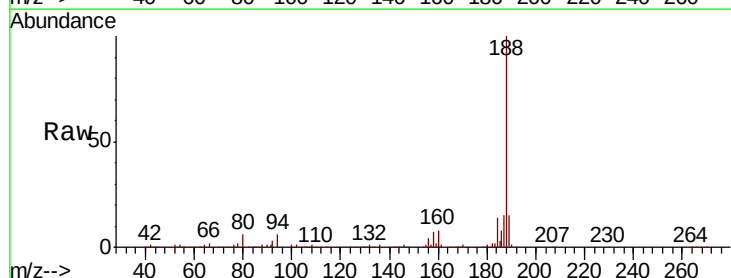
Tgt Ion: 188 Resp: 251600

Ion Ratio Lower Upper

188 100

94 5.7 4.5 6.7

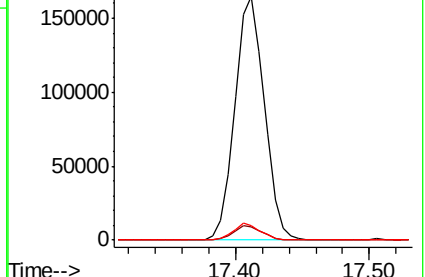
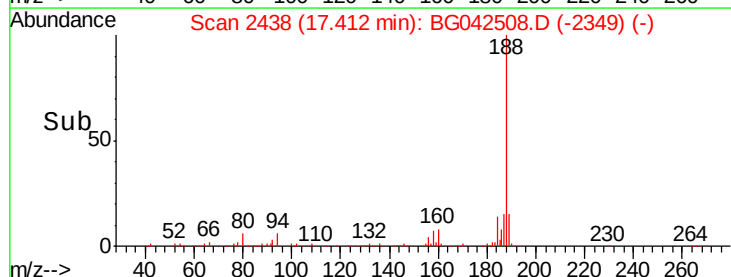
80 5.9 4.9 7.3

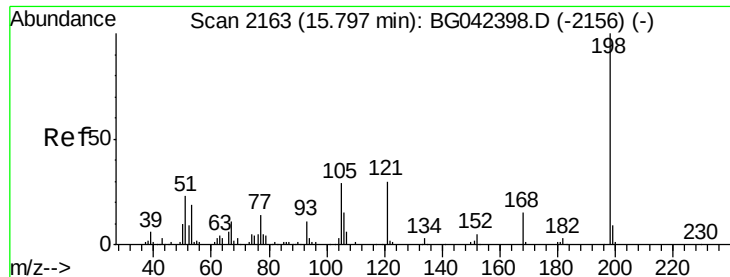


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

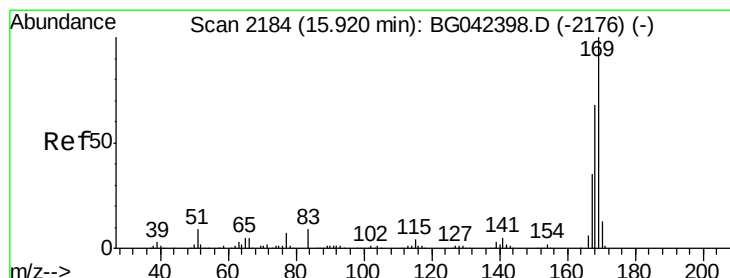
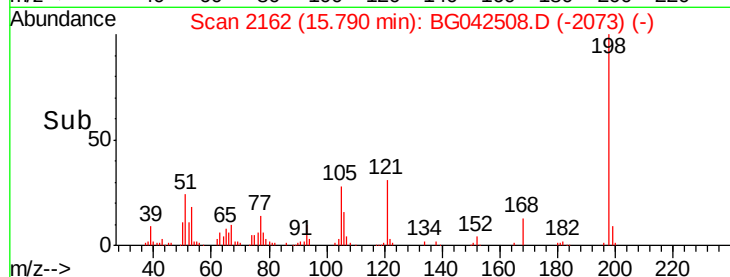
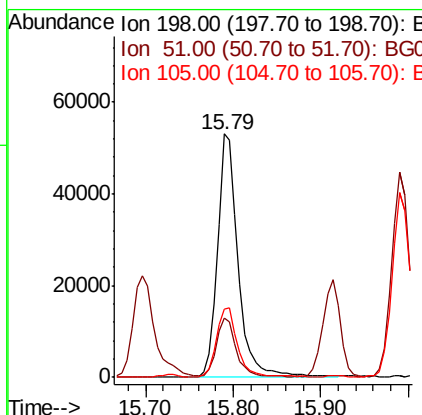
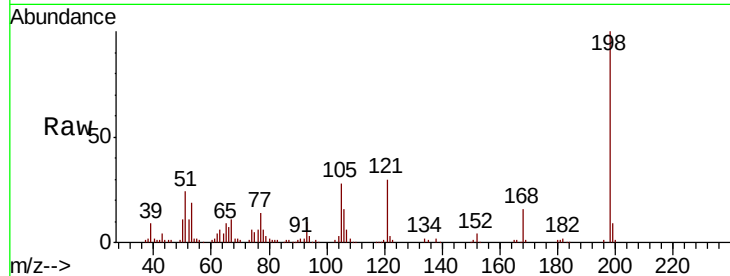




#65
4,6-Dinitro-2-methylphenol
Concen: 55.198 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

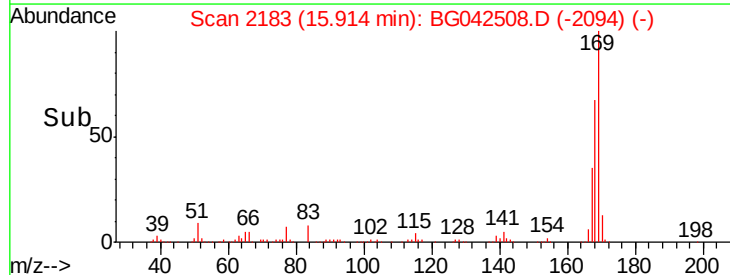
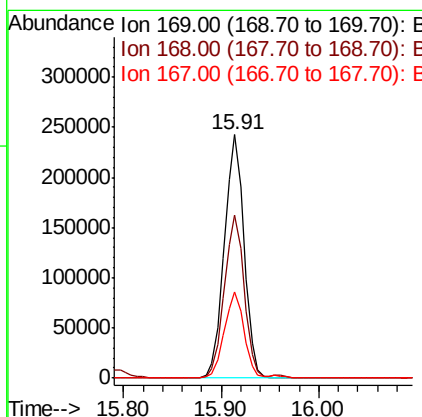
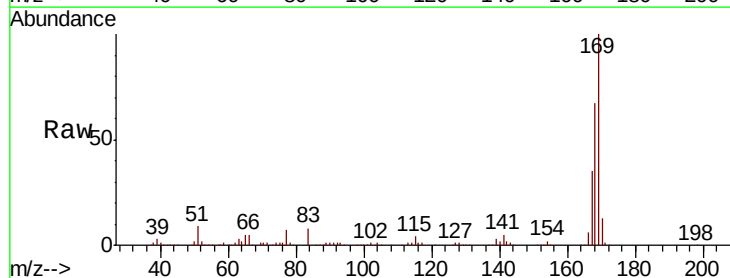
Instrument :
BNA_G
ClientSampleId :

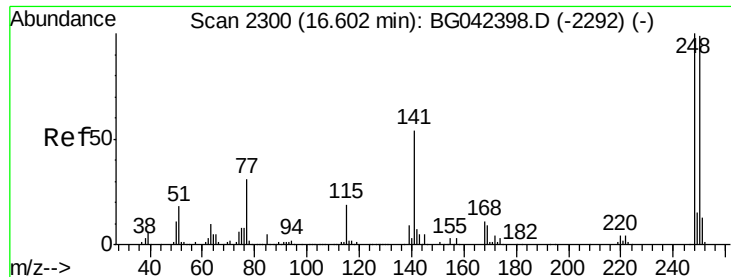
Tot Ion:198 Resp: 87071
Ion Ratio Lower Upper
198 100
51 24.1 4.2 44.2
105 28.0 8.8 48.8



#66
n-Nitrosodiphenylamine
Concen: 49.176 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Tgt Ion:169 Resp: 340255
Ion Ratio Lower Upper
169 100
168 66.7 54.3 81.5
167 35.5 28.2 42.2

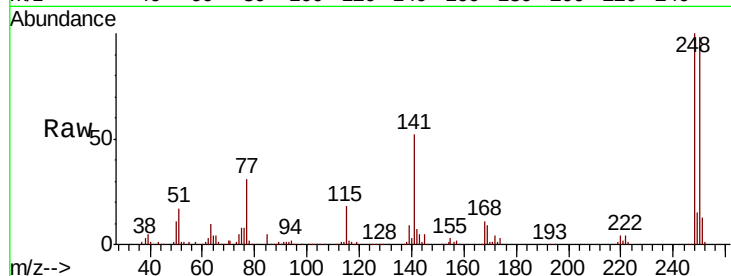




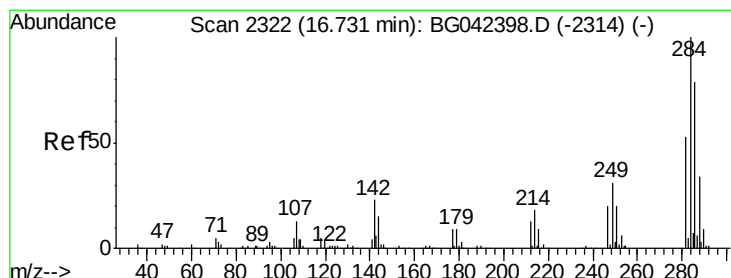
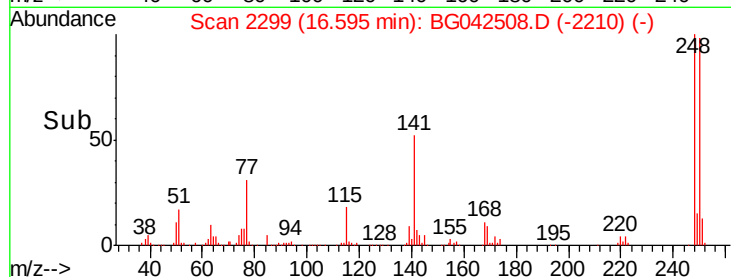
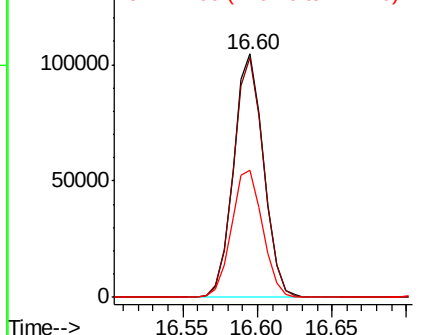
#67
 4-Bromophenyl-phenylether
 Concen: 45.945 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 146629
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.9 118.3
 141 52.2 43.3 64.9

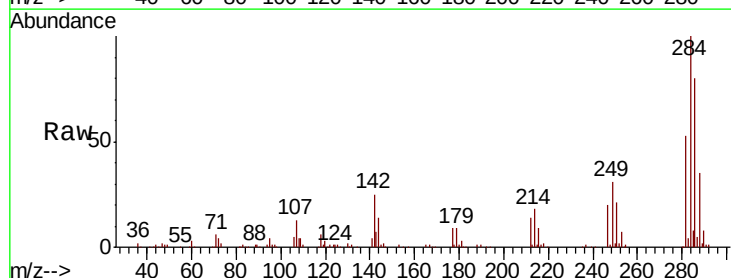


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

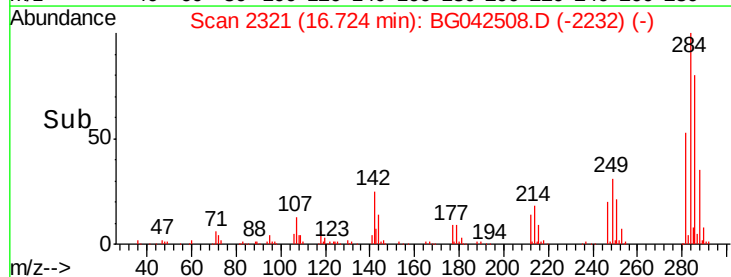
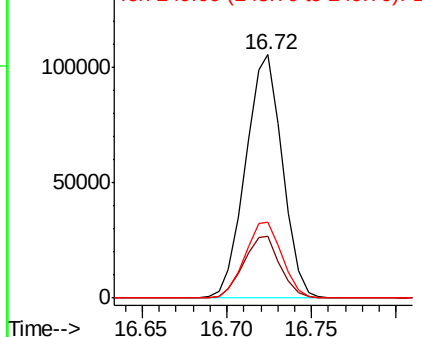


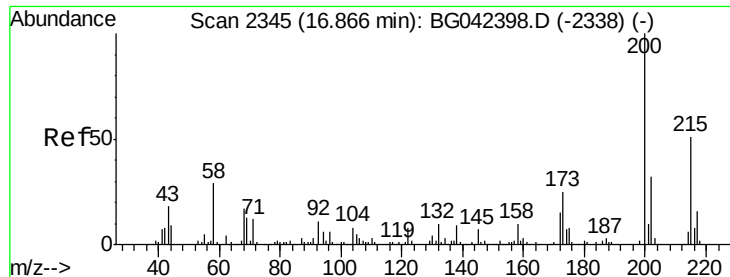
#68
 Hexachlorobenzene
 Concen: 45.838 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Tgt Ion:284 Resp: 159026
 Ion Ratio Lower Upper
 284 100
 142 25.2 18.2 27.4
 249 30.9 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: 60.294 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampleId :

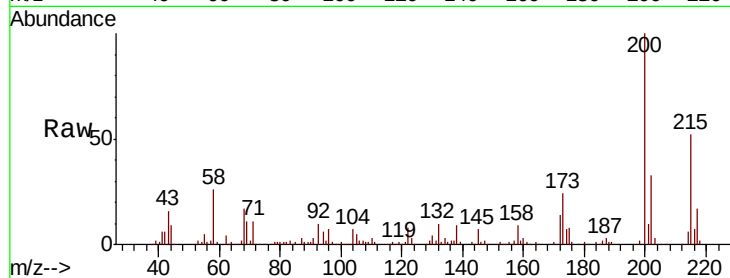
Tot Ion:200 Resp: 147530

Ion Ratio Lower Upper

200 100

173 24.4 4.9 44.9

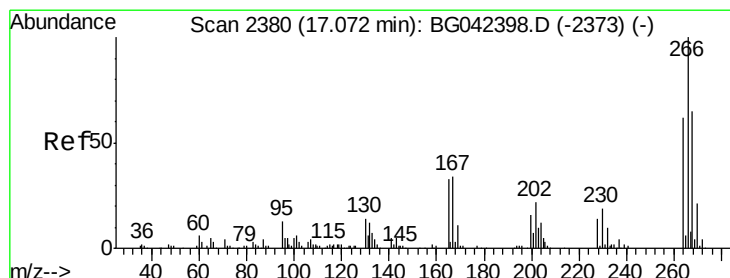
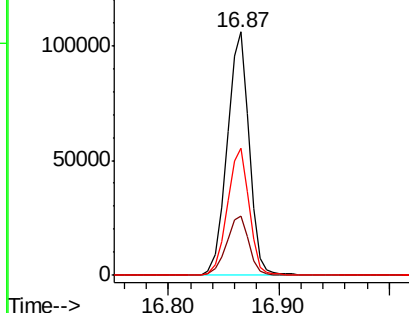
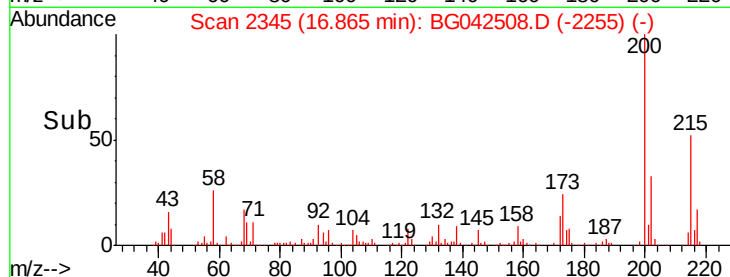
215 52.0 30.7 70.7



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: 96.730 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

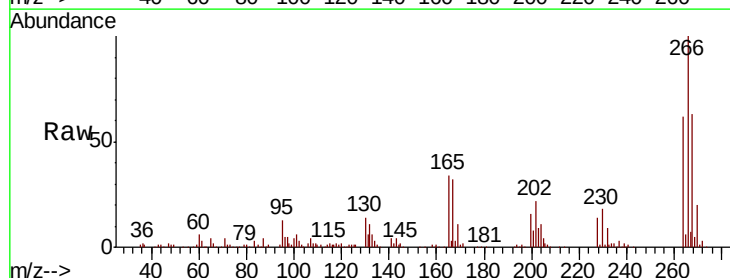
Tgt Ion:266 Resp: 174364

Ion Ratio Lower Upper

266 100

268 62.8 52.1 78.1

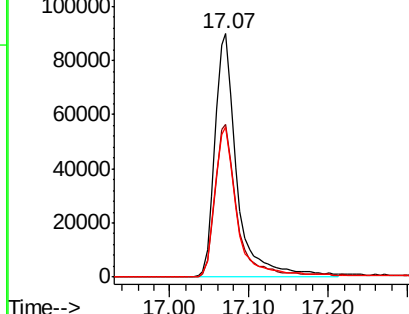
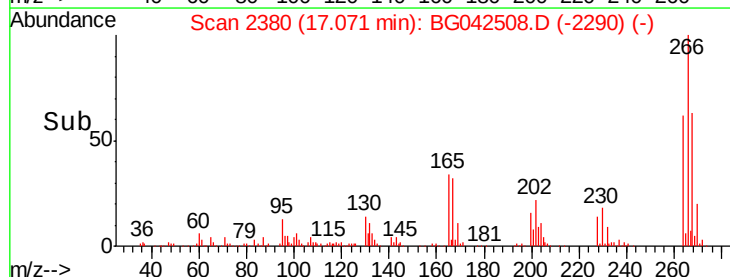
264 61.6 49.4 74.2

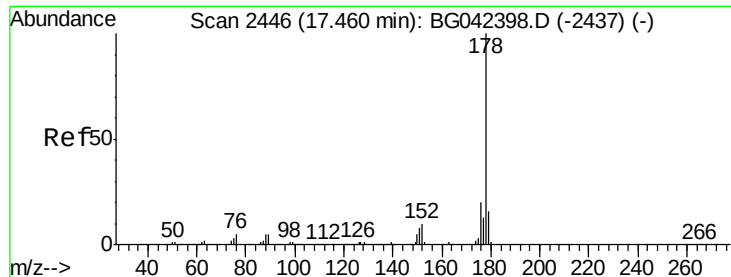


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

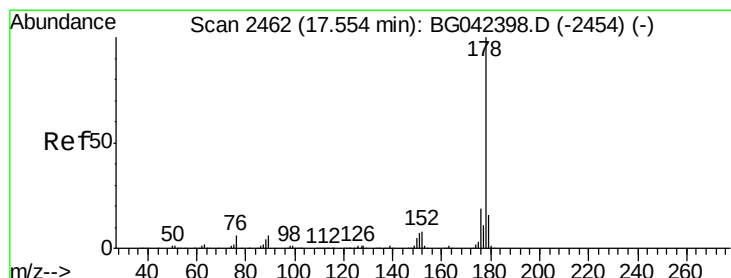
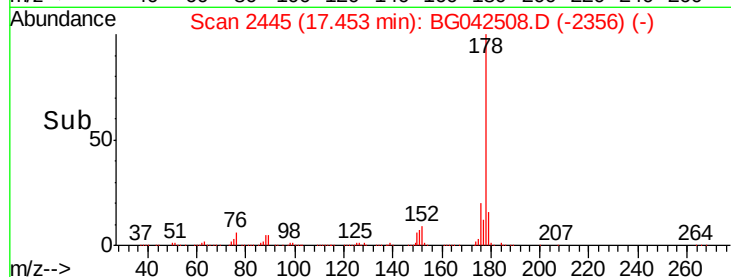
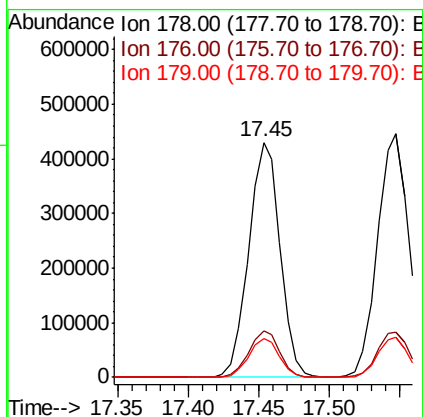
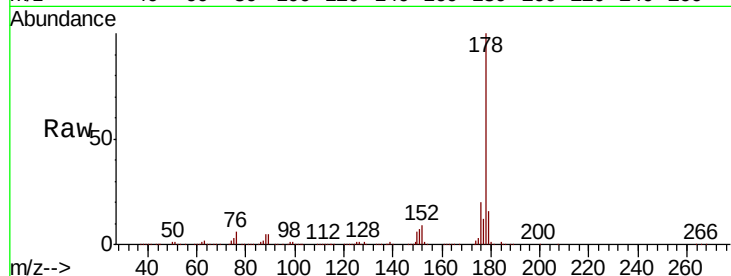




#71
Phenanthrene
Concen: 53.531 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

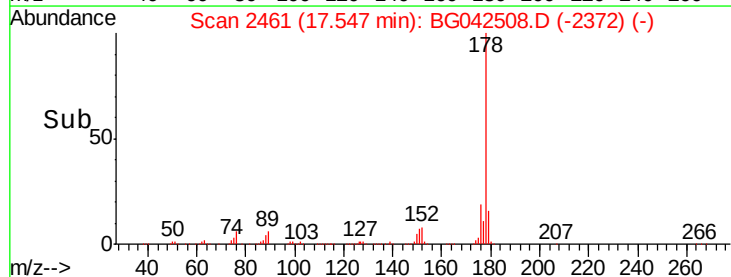
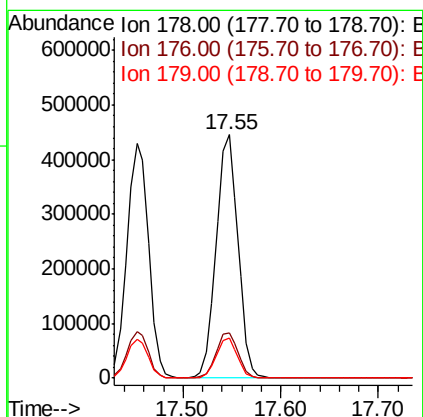
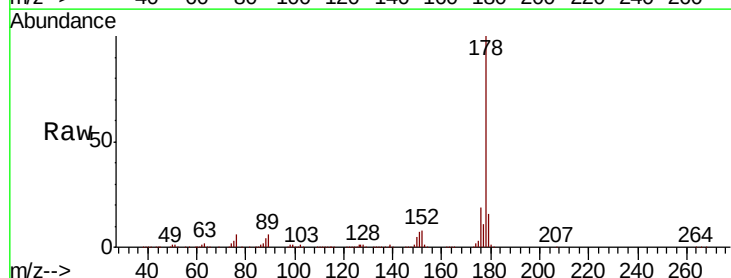
Instrument :
BNA_G
ClientSampleId :

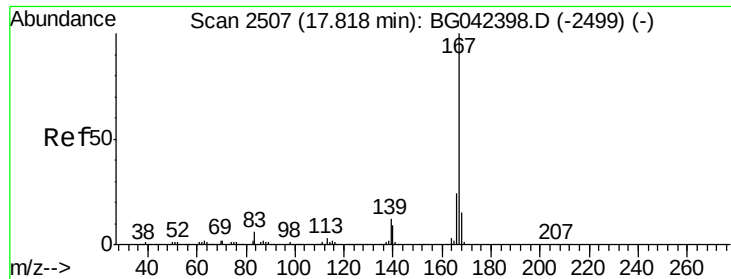
Tot Ion:178 Resp: 669004
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.5 12.7 19.1



#72
Anthracene
Concen: 55.304 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Tgt Ion:178 Resp: 689974
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 16.4 12.9 19.3





#73

Carbazole

Concen: 62.134 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampleId :

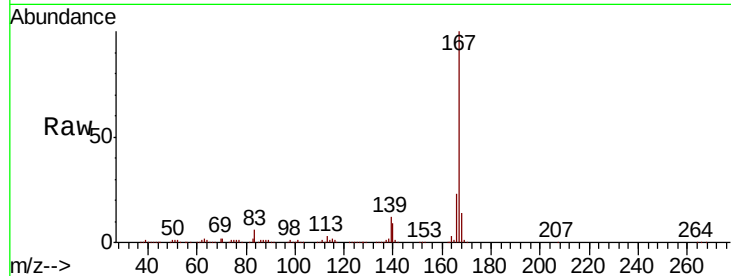
Tot Ion:167 Resp: 690880

Ion Ratio Lower Upper

167 100

166 23.3 18.9 28.3

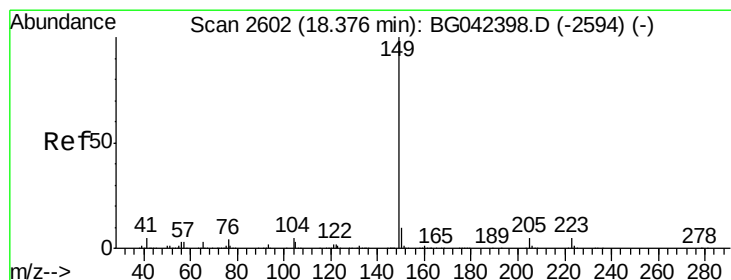
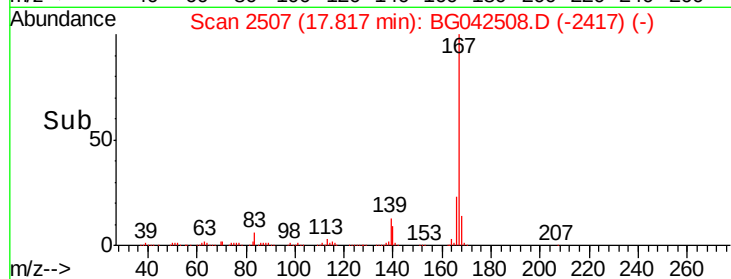
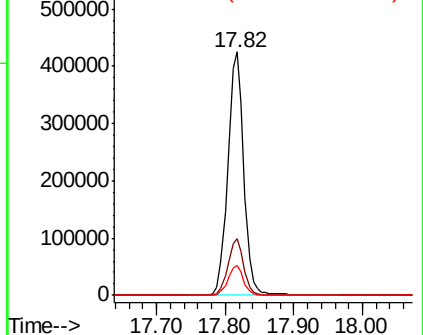
139 12.5 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 59.924 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

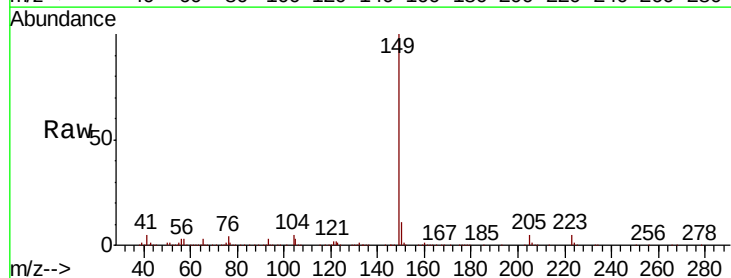
Tgt Ion:149 Resp: 787642

Ion Ratio Lower Upper

149 100

150 10.6 8.1 12.1

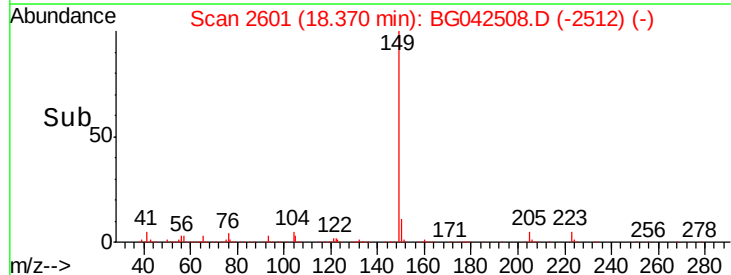
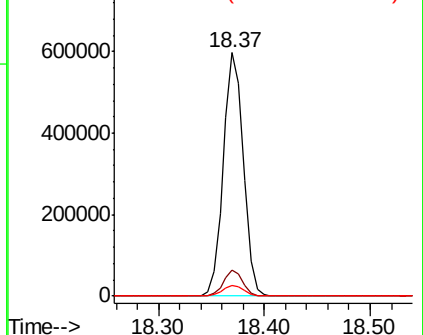
104 4.6 3.7 5.5

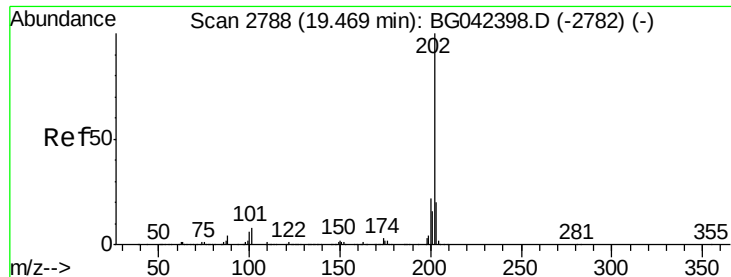


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 65.484 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042508.D

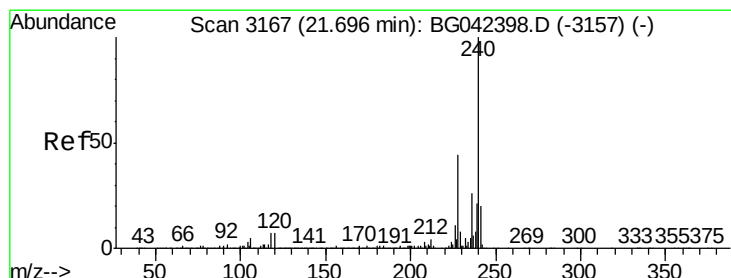
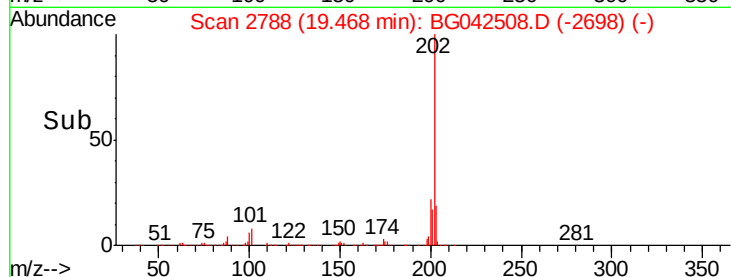
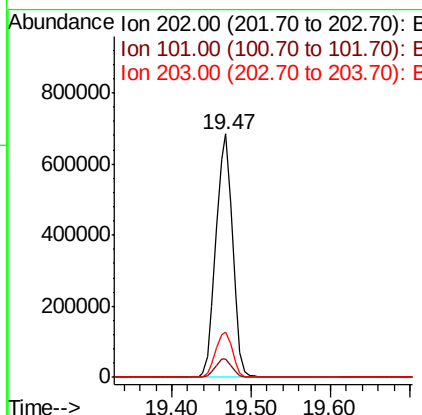
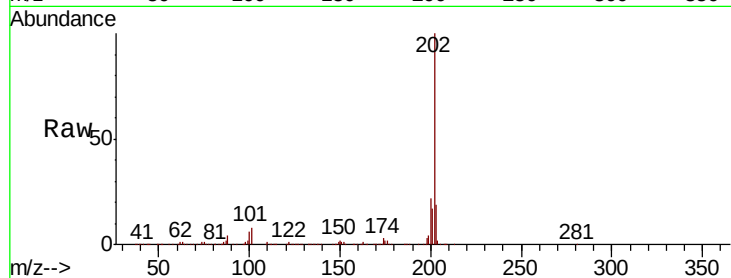
Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	998767
Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	28.3
203	18.7	0.0	39.6



#76

Chrysene-d12

Concen: 20.000 ng

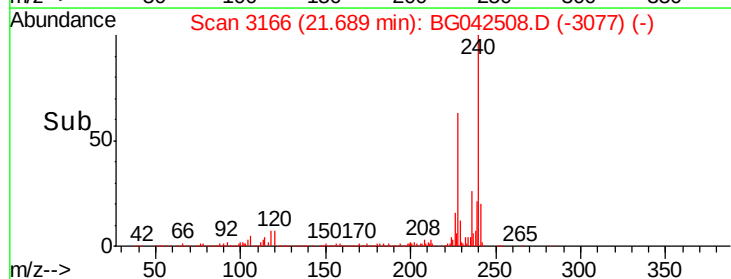
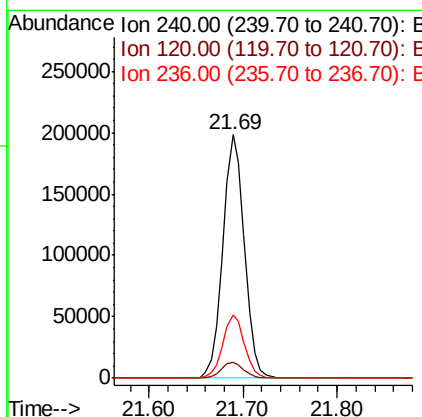
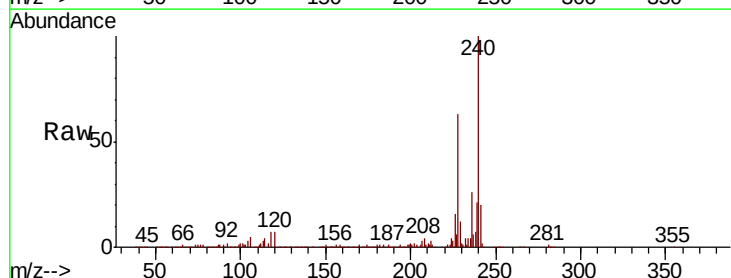
RT: 21.69 min Scan# 3166

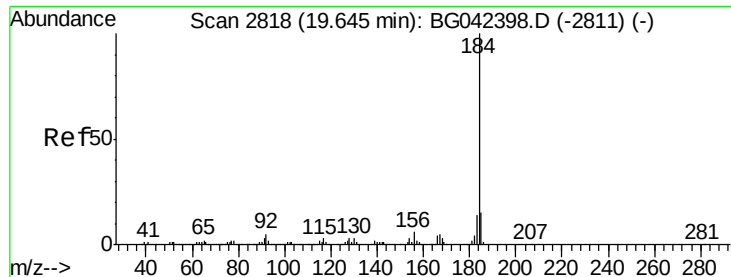
Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Tgt Ion:	240	Resp:	314939
Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.7	8.5
236	25.8	21.0	31.4





#77

Benzidine

Concen: 54.999 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

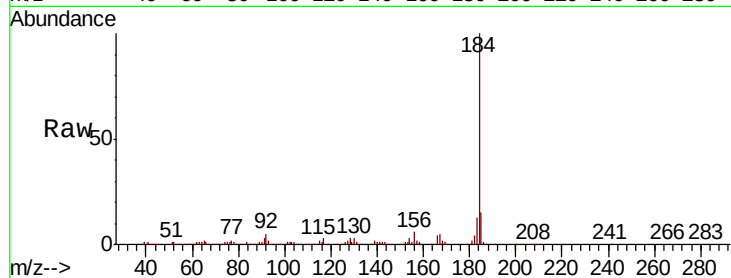
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 496610

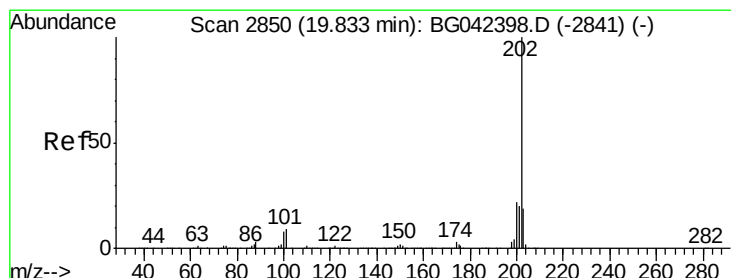
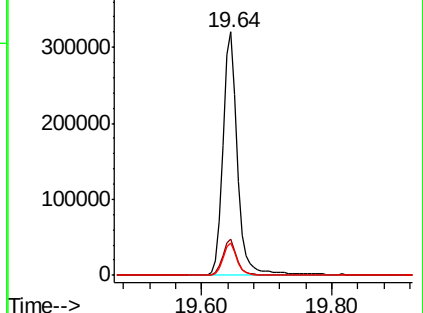
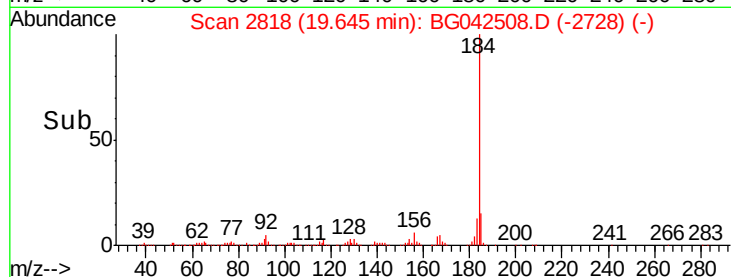
Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.2	18.4
183	13.4	10.8	16.2



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: 52.718 ng

RT: 19.83 min Scan# 2849

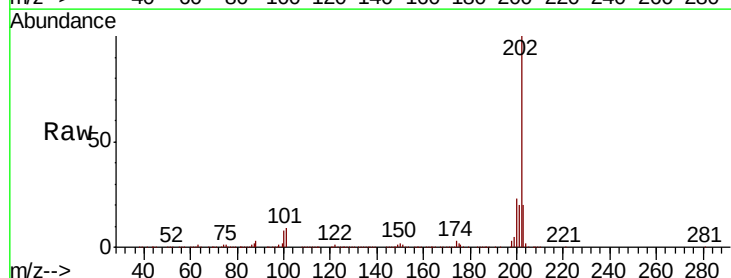
Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Tgt Ion:202 Resp: 1017917

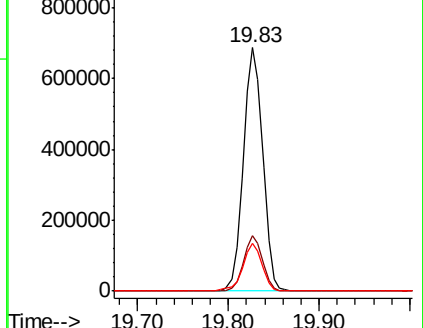
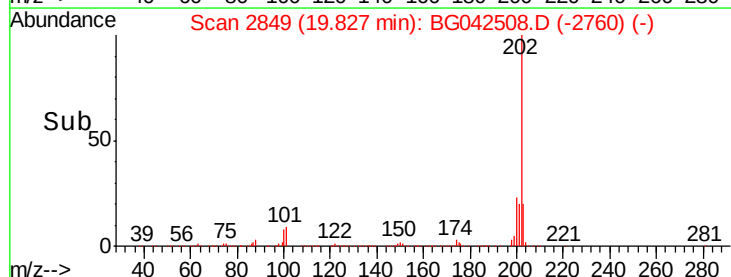
Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.6
203	19.6	15.5	23.3

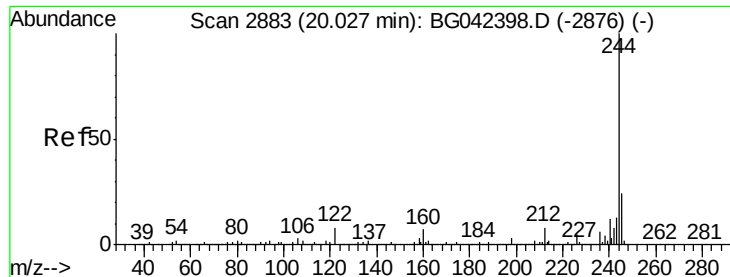


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.934 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Instrument :

BNA_G

ClientSampled :

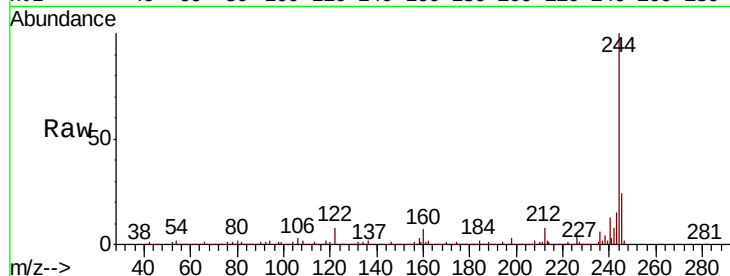
Tot Ion:244 Resp: 1528636

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

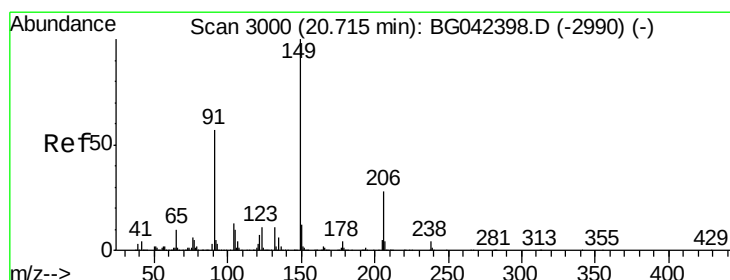
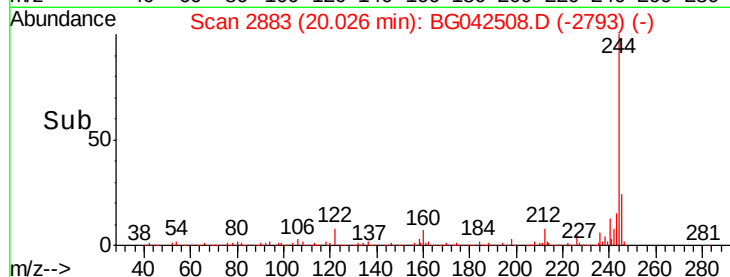
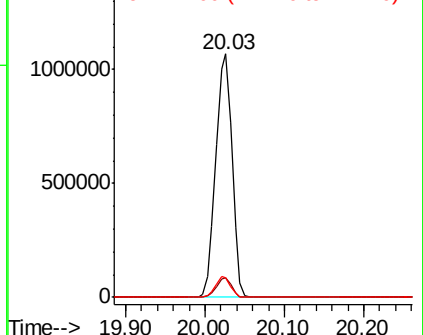
122 8.2 6.7 10.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.994 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

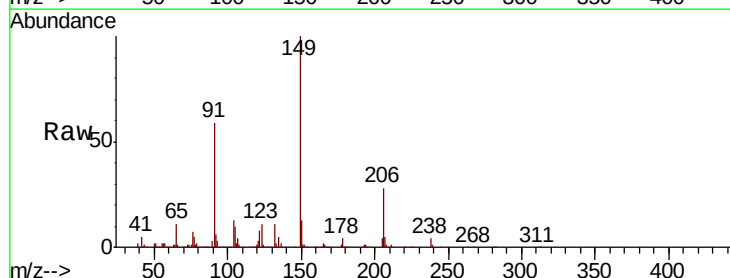
Tgt Ion:149 Resp: 394875

Ion Ratio Lower Upper

149 100

91 58.6 45.9 68.9

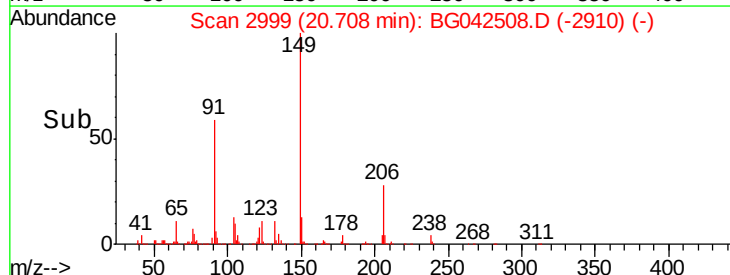
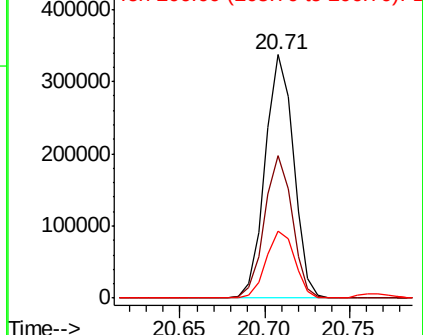
206 27.7 22.5 33.7

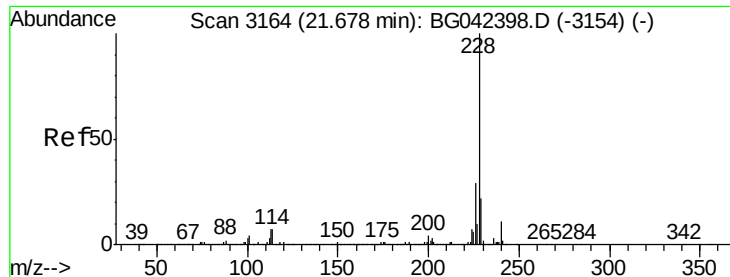


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.491 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

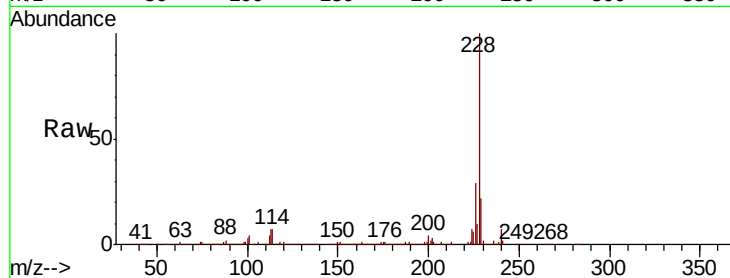
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1005641

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	21.6	17.4	26.2

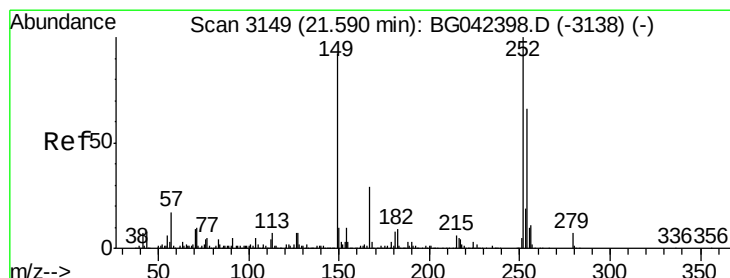
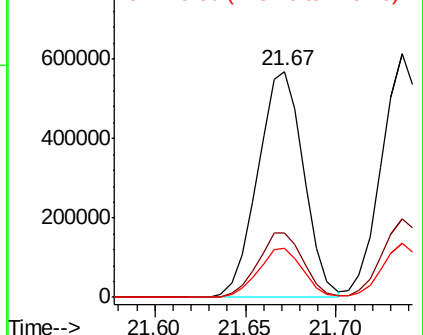
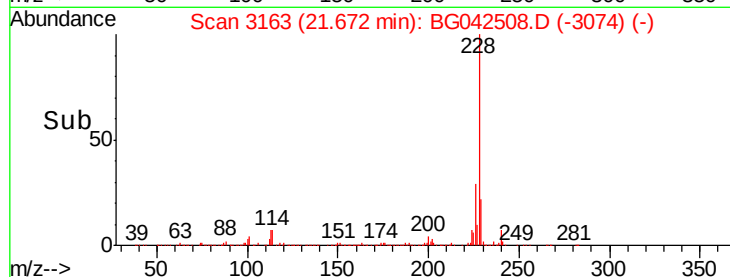


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.531 ng

RT: 21.58 min Scan# 3148

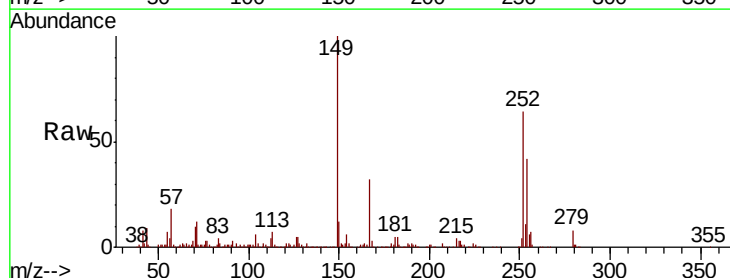
Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Tgt Ion:252 Resp: 196724

Ion	Ratio	Lower	Upper
252	100		
254	65.0	53.0	79.4
126	7.3	5.7	8.5

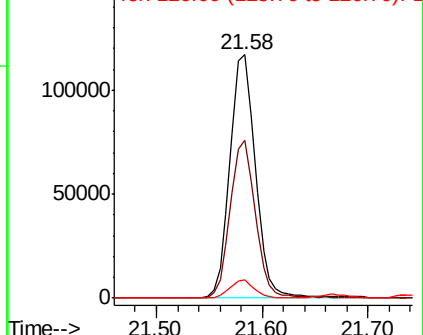
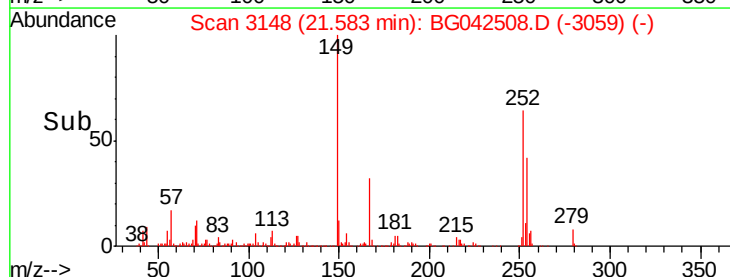


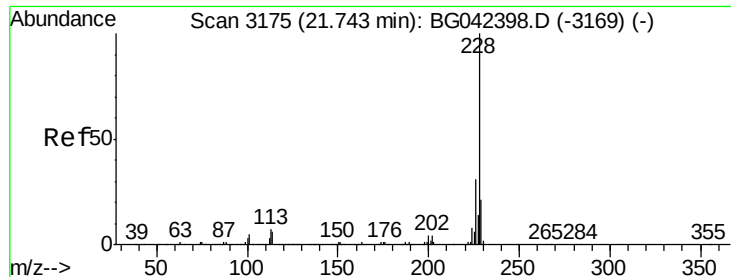
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

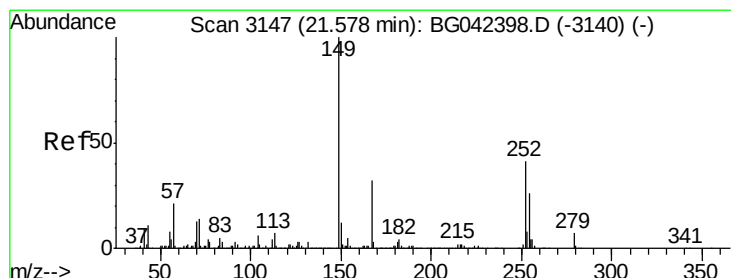
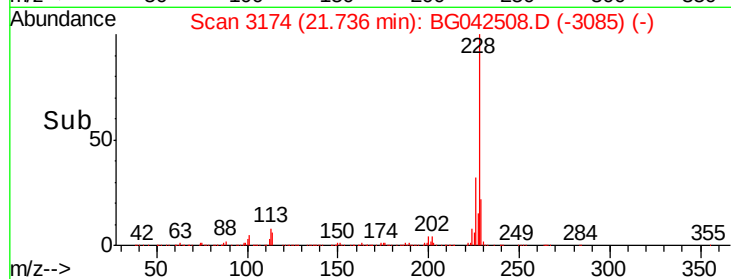
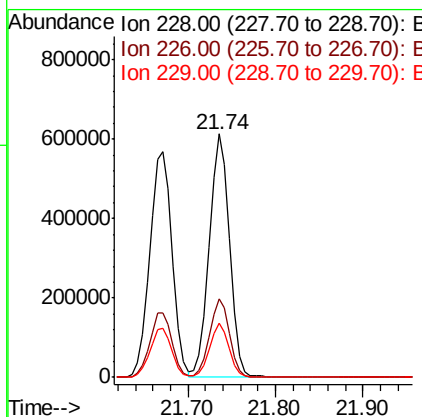
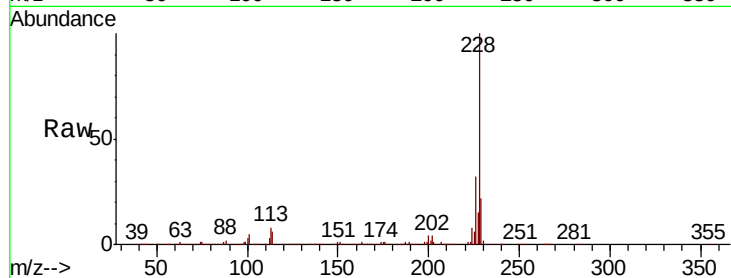




#83
 Chrysene
 Concen: 53.522 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

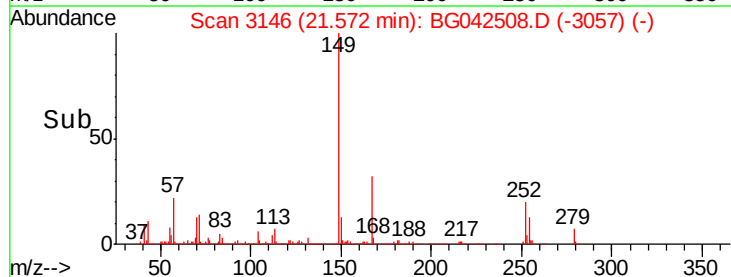
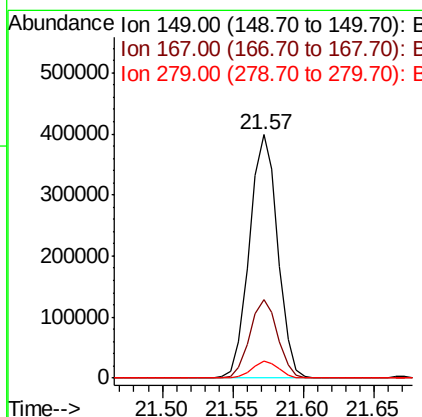
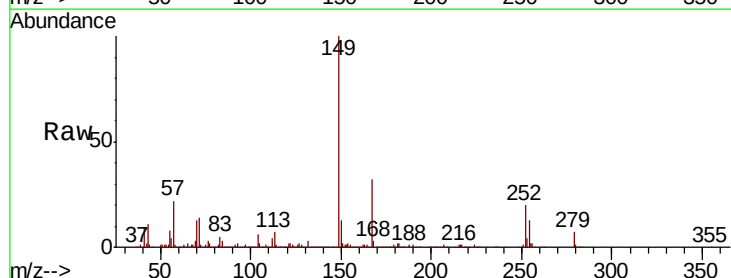
Instrument :
 BNA_G
 ClientSampleId :

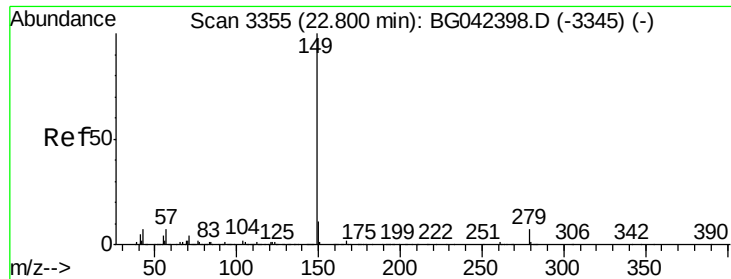
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	22.0	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.158 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG042508.D
 Acq: 27 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.1	26.0	39.0
279	7.2	5.4	8.0

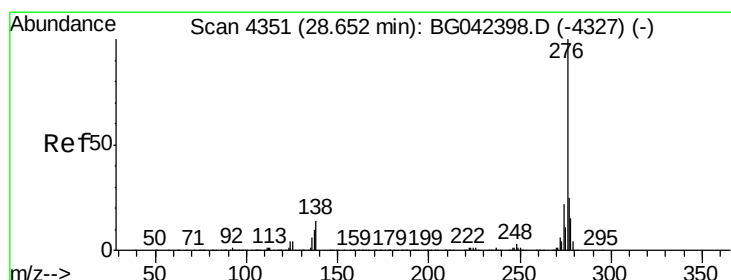
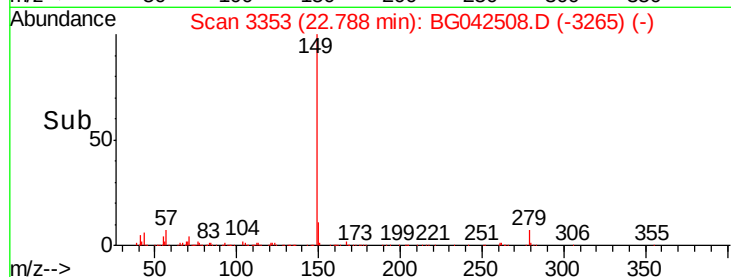
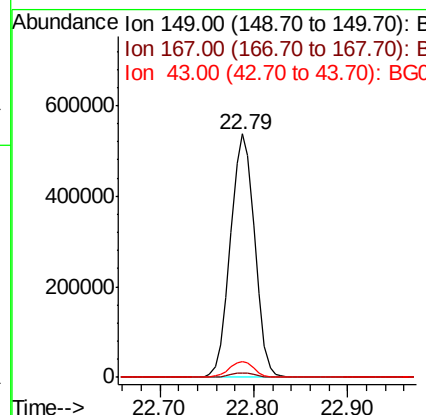
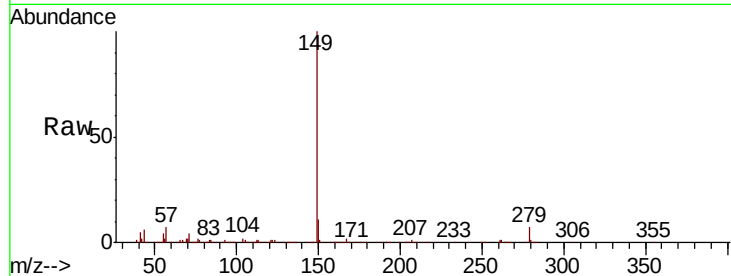




#85
Di-n-octyl phthalate
Concen: 52.933 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

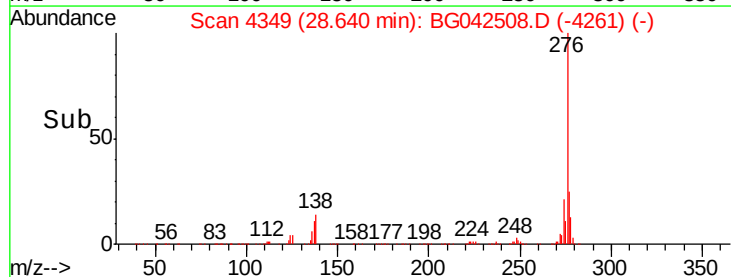
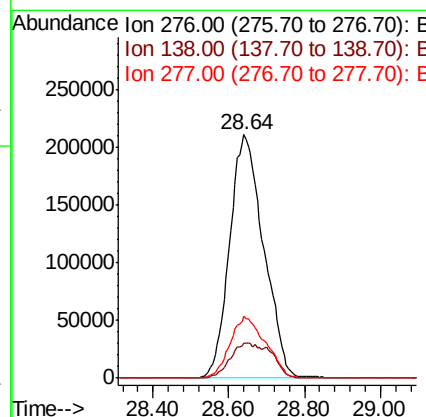
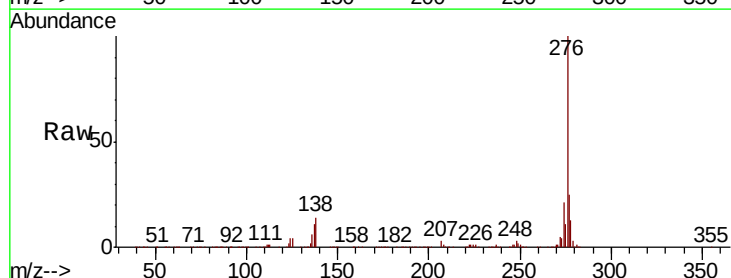
Instrument :
BNA_G
ClientSampleId :

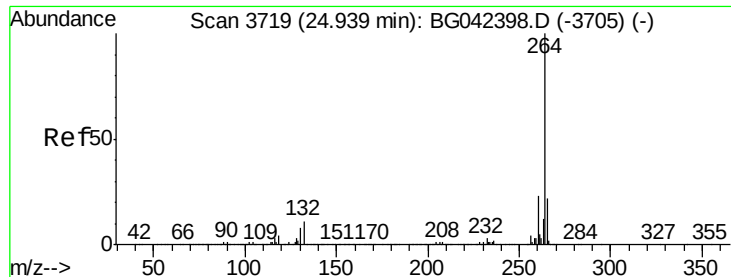
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.3	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.650 ng
RT: 28.64 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	9.2	13.8#
277	26.3	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

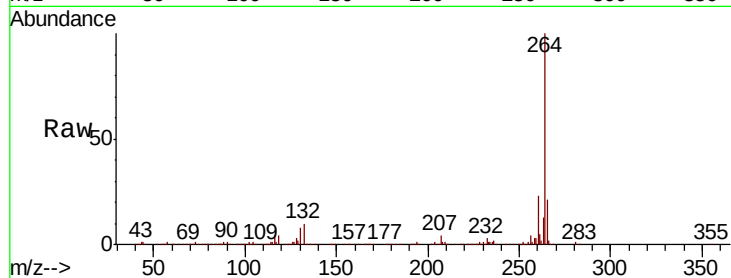
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 382380

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.5	17.6	26.4

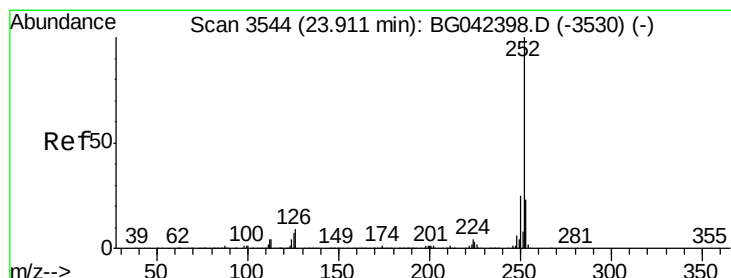
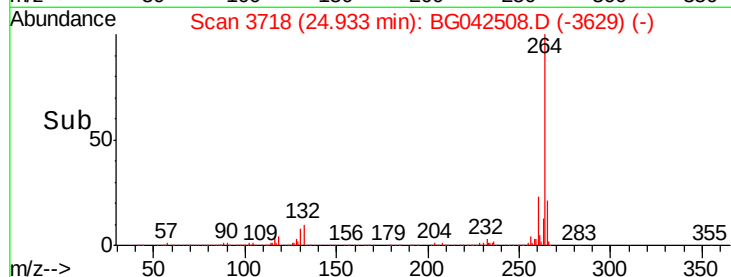
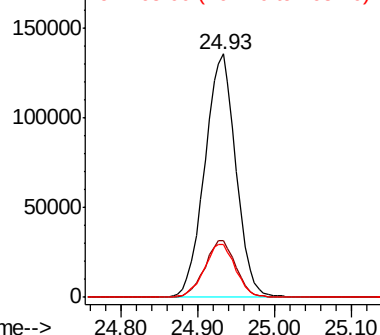


Abundance

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: 52.829 ng

RT: 23.90 min Scan# 3543

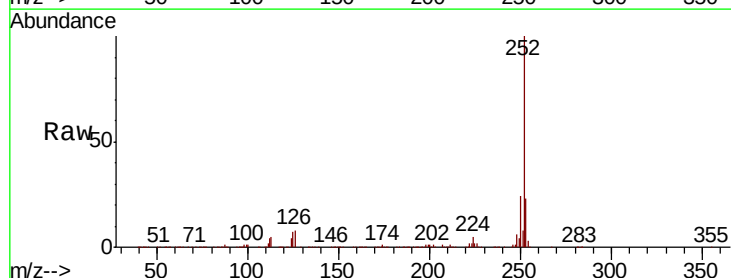
Delta R.T. -0.01 min

Lab File: BG042508.D

Acq: 27 Aug 2019 17:34

Tgt Ion:252 Resp: 1110572

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	7.1	5.6	8.4

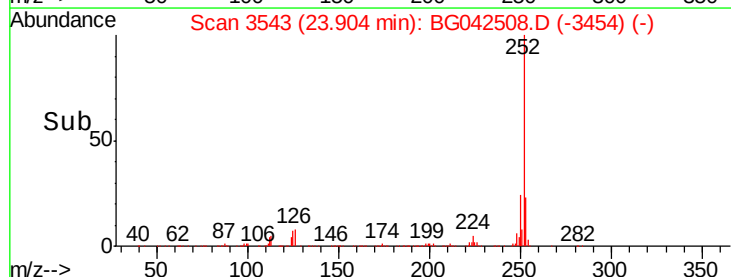
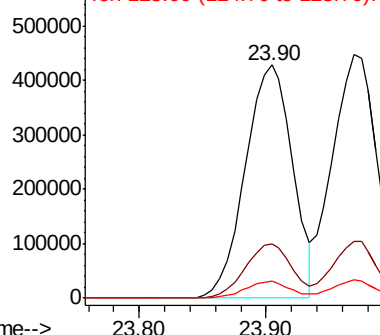


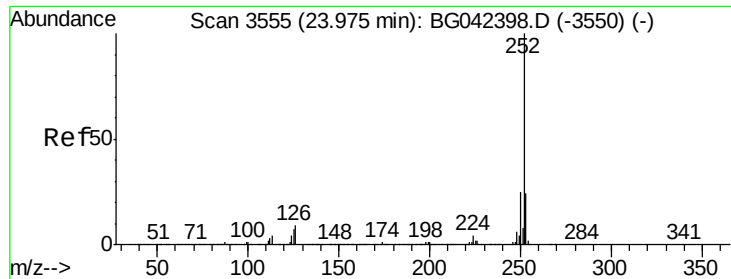
Abundance

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

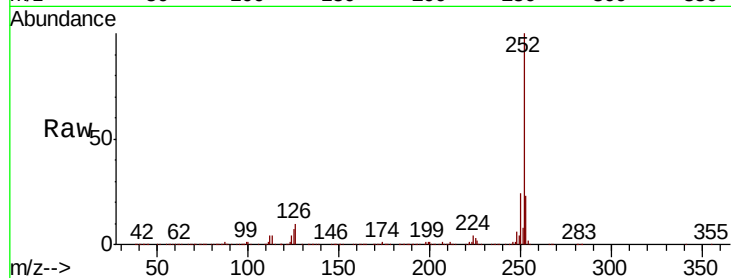




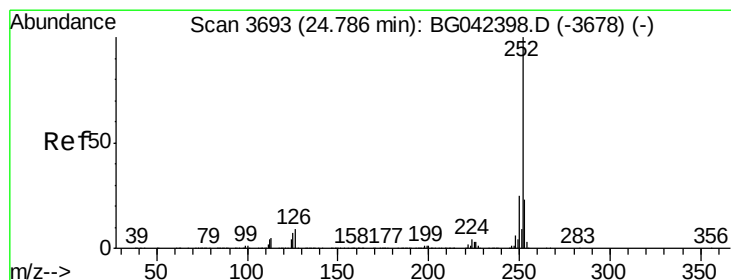
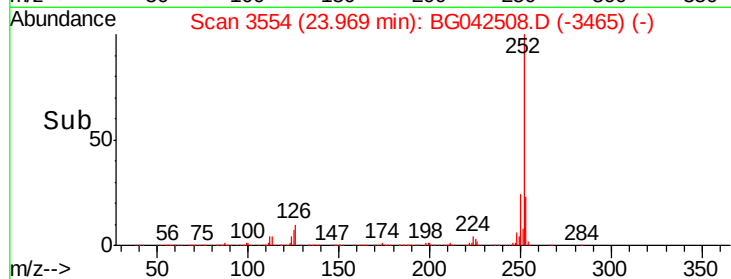
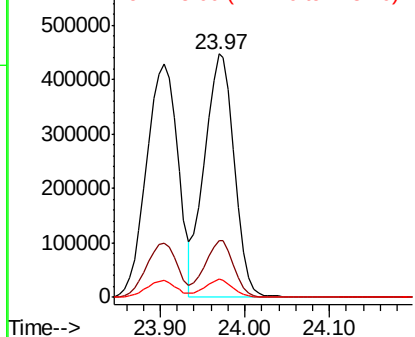
#89
Benzo(k)fluoranthene
Concen: 54.429 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 1099808
Ion Ratio Lower Upper
252 100
253 23.4 18.6 27.8
125 7.3 5.8 8.6

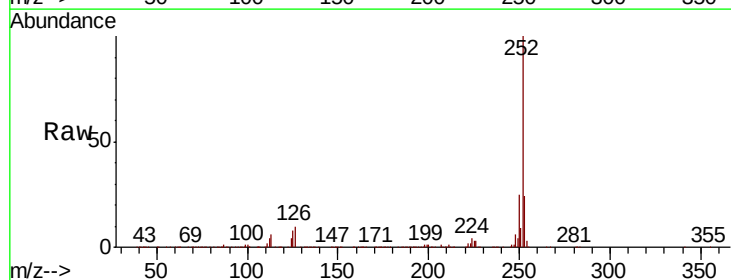


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

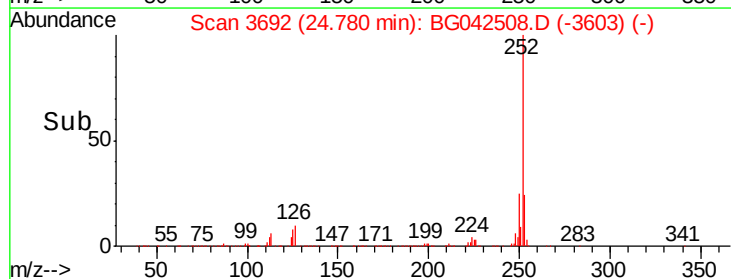
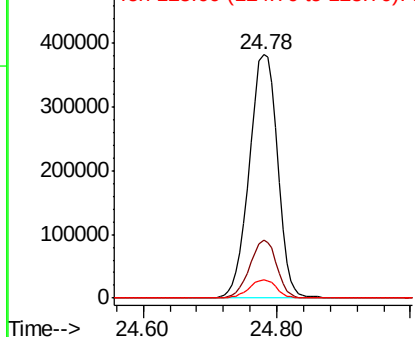


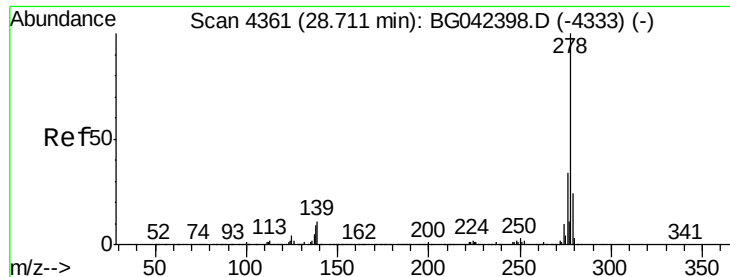
#90
Benzo(a)pyrene
Concen: 55.559 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Tgt Ion:252 Resp: 1108289
Ion Ratio Lower Upper
252 100
253 23.8 18.4 27.6
125 7.6 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



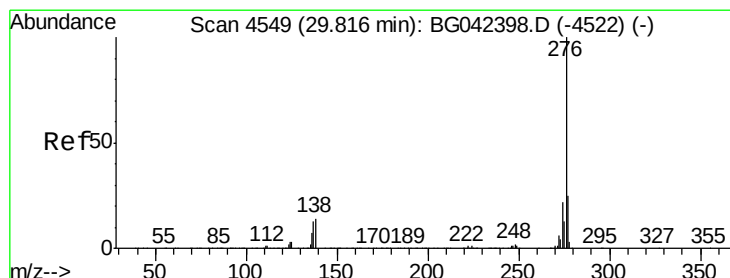
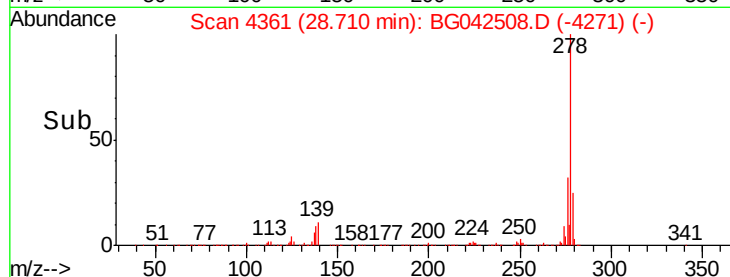
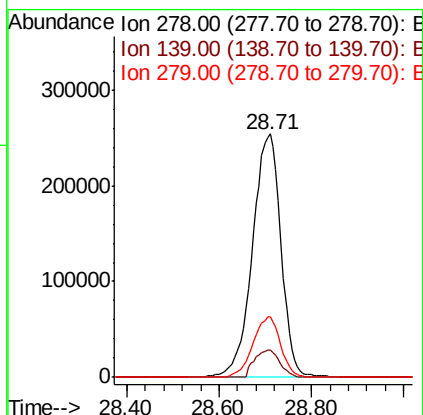
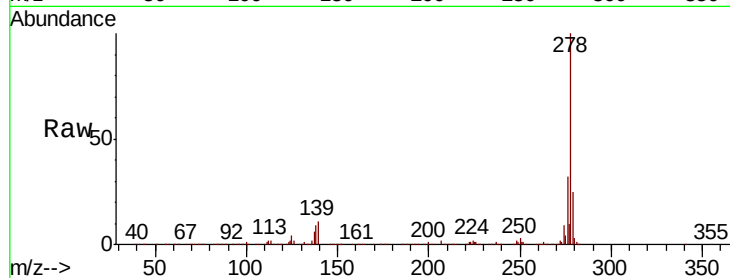


#91
Dibenzo(a,h)anthracene
Concen: 53.975 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1090162

Ion	Ratio	Lower	Upper
278	100		
139	11.1	8.8	13.2
279	25.0	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 54.751 ng
RT: 29.80 min Scan# 4547
Delta R.T. -0.01 min
Lab File: BG042508.D
Acq: 27 Aug 2019 17:34

Tgt Ion:276 Resp: 1105993

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	14.5	11.4	17.0

