

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042511.D
 Acq On : 27 Aug 2019 19:30
 Operator : HP/JU
 Sample : K4551-18MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 01:27:51 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	7.99	152	33217	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	127287	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	97880	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	243333	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	303549	20.00	ng	-0.01
87) Perylene-d12	24.93	264	361024	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	102757	62.65	ng	0.00
7) Phenol-d6	7.16	99	140711	63.51	ng	-0.01
23) Nitrobenzene-d5	9.16	82	79844	43.35	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	89351	64.23	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	242636	41.93	ng	0.00
79) Terphenyl-d14	20.02	244	543284	38.69	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	12046	17.600	ng	98
3) Pyridine	3.83	79	23415	13.341	ng	97
4) n-Nitrosodimethylamine	3.74	42	10723	17.106	ng	99
6) Aniline	7.31	93	43684	14.784	ng	98
8) 2-Chlorophenol	7.56	128	42084	21.172	ng	99
9) Benzaldehyde	7.13	77	23726	21.392	ng	93
10) Phenol	7.19	94	55122	24.471	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	33801	19.107	ng	97
12) 1,3-Dichlorobenzene	7.89	146	47657	18.847	ng	96
13) 1,4-Dichlorobenzene	8.03	146	48190	18.815	ng	98
14) 1,2-Dichlorobenzene	8.36	146	46990	19.158	ng	98
15) Benzyl Alcohol	8.24	79	29266	18.362	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	45418	18.942	ng	98
17) 2-Methylphenol	8.45	107	34934	21.056	ng	94
18) Hexachloroethane	9.09	117	16325	18.618	ng	99
19) n-Nitroso-di-n-propylamine	8.80	70	28275	19.700	ng	96
20) 3+4-Methylphenols	8.78	107	47500	20.690	ng	96
22) Acetophenone	8.82	105	60926	22.379	ng	# 100
24) Nitrobenzene	9.21	77	39502	21.178	ng	96
25) Isophorone	9.73	82	80016	22.012	ng	99
26) 2-Nitrophenol	9.93	139	26503	22.674	ng	91
27) 2,4-Dimethylphenol	9.99	122	41680	25.886	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	48792	21.296	ng	99
29) 2,4-Dichlorophenol	10.48	162	49143	23.328	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	53252	20.594	ng	97
31) Naphthalene	10.87	128	131032	22.173	ng	98
32) Benzoic acid	9.99	122	41680	37.767	ng	# 16
33) 4-Chloroaniline	10.98	127	43538	15.959	ng	97
34) Hexachlorobutadiene	11.16	225	35213	20.263	ng	98
35) Caprolactam	11.74	113	13960	19.860	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	47412	23.708	ng	95
37) 2-Methylnaphthalene	12.48	142	107362	22.626	ng	99
38) 1-Methylnaphthalene	12.70	142	102391	22.717	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	69957	22.256	ng	100

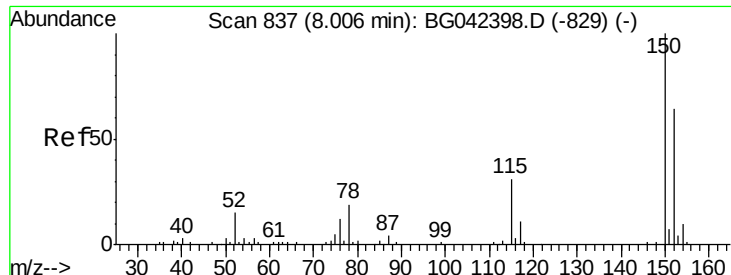
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042511.D
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 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	65755	39.824	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	47347	22.285	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	52032	23.632	ng	97
46) 1,1'-Biphenyl	13.49	154	144057	22.768	ng	98
47) 2-Chloronaphthalene	13.53	162	117665	21.568	ng	99
48) 2-Nitroaniline	13.73	65	27232	20.700	ng	96
49) Acenaphthylene	14.37	152	190654	23.229	ng	99
50) Dimethylphthalate	14.10	163	184799	26.167	ng	99
51) 2,6-Dinitrotoluene	14.23	165	37733	23.050	ng	90
52) Acenaphthene	14.72	154	110288	22.129	ng	98
53) 3-Nitroaniline	14.56	138	27975	17.087	ng	92
54) 2,4-Dinitrophenol	14.79	184	7631	12.635	ng	94
55) Dibenzofuran	15.06	168	197573	23.949	ng	96
56) 4-Nitrophenol	14.89	139	52563	45.183	ng	99
57) 2,4-Dinitrotoluene	15.02	165	54549	23.270	ng	96
58) Fluorene	15.70	166	162334	24.072	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	47039	21.604	ng	# 88
60) Diethylphthalate	15.47	149	162781	23.578	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	92291	22.703	ng	96
62) 4-Nitroaniline	15.72	138	41491	23.680	ng	95
63) Azobenzene	15.99	77	111515	23.573	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	17693	11.597	ng	96
66) n-Nitrosodiphenylamine	15.91	169	151276	22.606	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	65085	21.087	ng	98
68) Hexachlorobenzene	16.72	284	70695	21.070	ng	97
69) Atrazine	16.86	200	59767	25.256	ng	100
70) Pentachlorophenol	17.07	266	38149	21.883	ng	94
71) Phenanthrene	17.45	178	288387	23.860	ng	99
72) Anthracene	17.54	178	292328	24.227	ng	98
73) Carbazole	17.81	167	270896	25.190	ng	98
74) Di-n-butylphthalate	18.37	149	320605	25.220	ng	99
75) Fluoranthene	19.46	202	407559	27.629	ng	96
77) Benzidine	19.64	184	153908	17.685	ng	97
78) Pyrene	19.83	202	417594	22.439	ng	97
80) Butylbenzylphthalate	20.71	149	164491	22.472	ng	98
81) Benzo(a)anthracene	21.67	228	436717	23.650	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	130516	17.574	ng	97
83) Chrysene	21.73	228	426786	23.966	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	240224	23.637	ng	97
85) Di-n-octyl phthalate	22.78	149	410707	23.496	ng	99
86) Indeno(1,2,3-cd)pyrene	28.62	276	544768	22.510	ng	# 95
88) Benzo(b)fluoranthene	23.90	252	473865	23.875	ng	98
89) Benzo(k)fluoranthene	23.96	252	463399	24.290	ng	98
90) Benzo(a)pyrene	24.77	252	462723	24.569	ng	100
91) Dibenzo(a,h)anthracene	28.68	278	452125	23.709	ng	100
92) Benzo(g,h,i)perylene	29.78	276	454504	23.831	ng	97

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

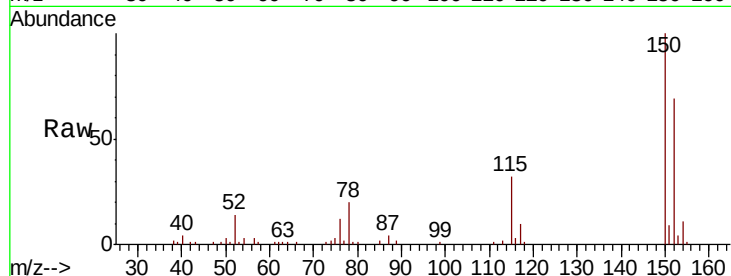


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	125.4	188.0
115	46.3	38.5	57.7

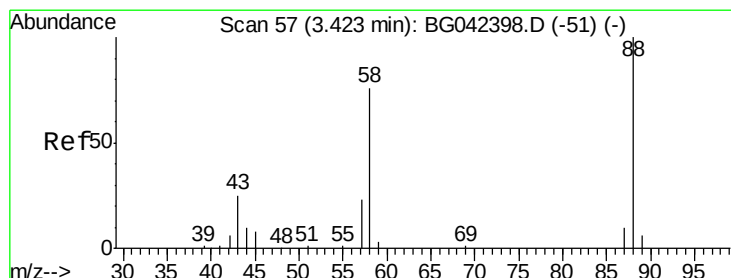
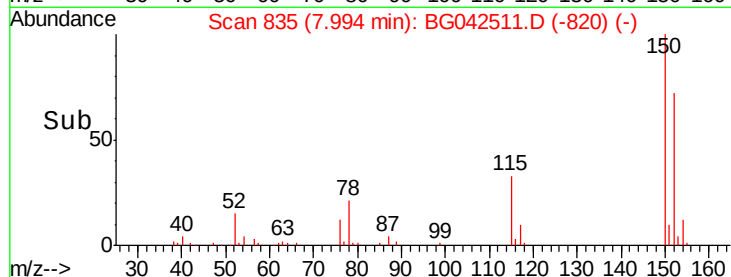
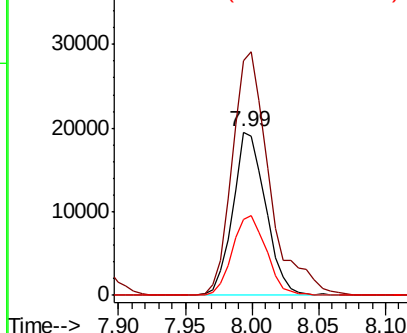


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

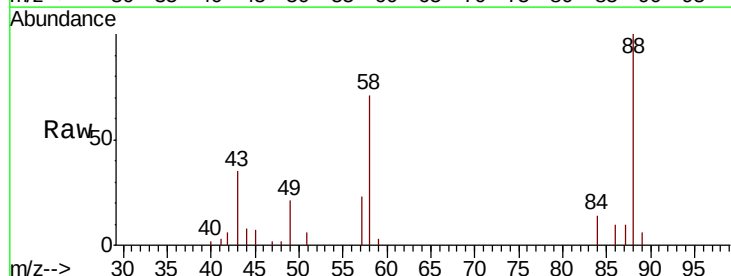
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 17.600 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	58.3	87.5
43	28.5	20.2	30.2

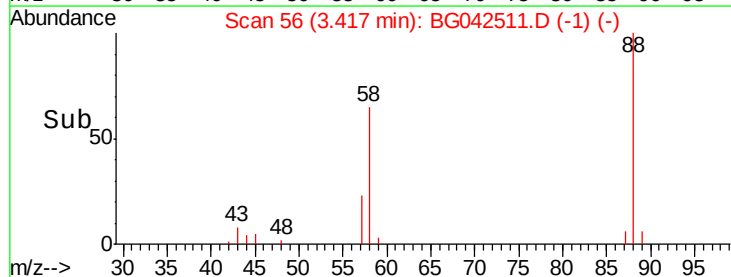
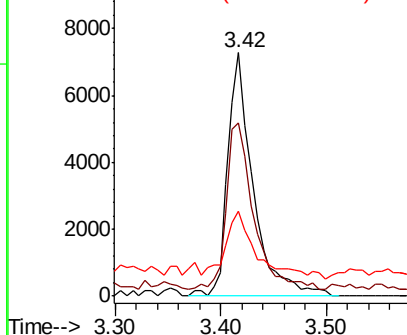


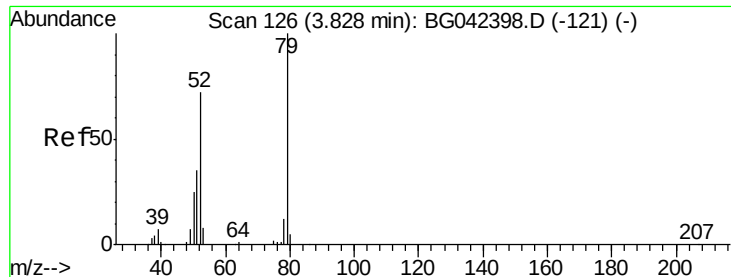
Abundance

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

Pvrindine

Concen: 13.341 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

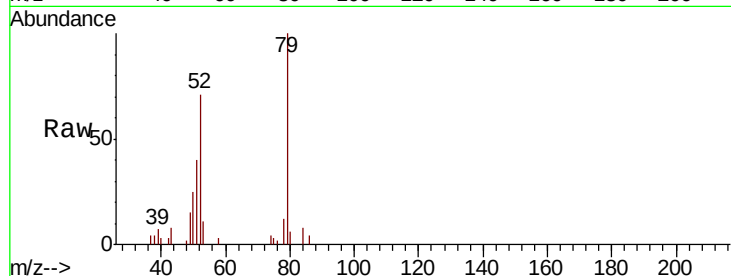
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 23415

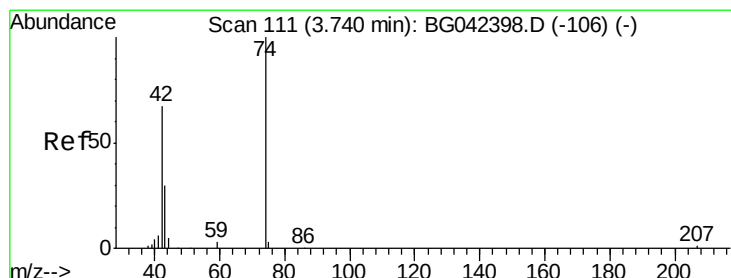
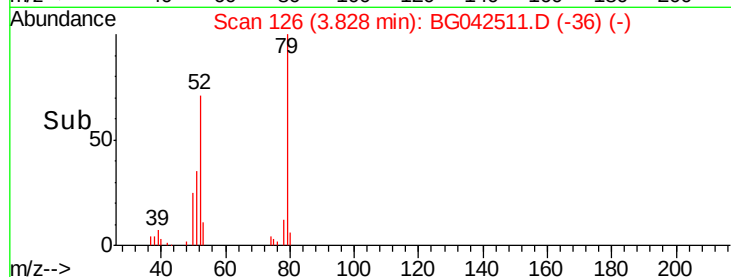
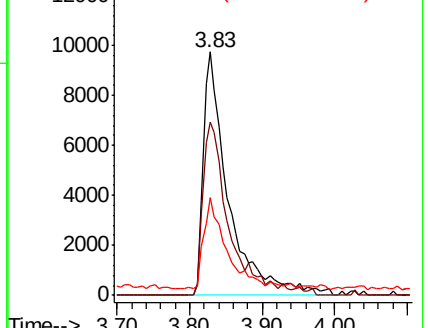
Ion	Ratio	Lower	Upper
79	100		
52	71.1	57.7	86.5
51	40.0	28.8	43.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 17.106 ng

RT: 3.74 min Scan# 111

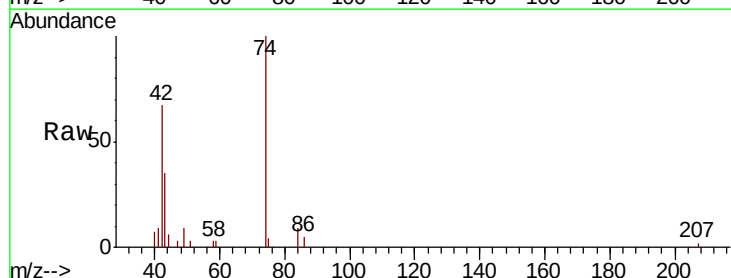
Delta R.T. -0.00 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion: 42 Resp: 10723

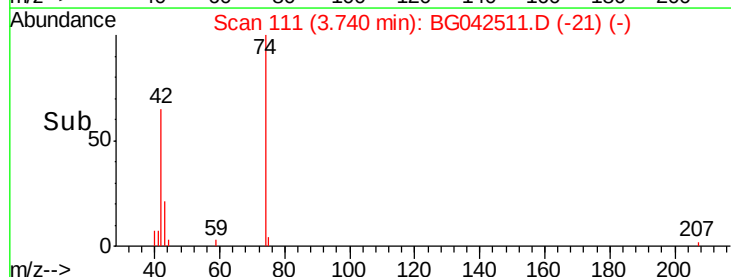
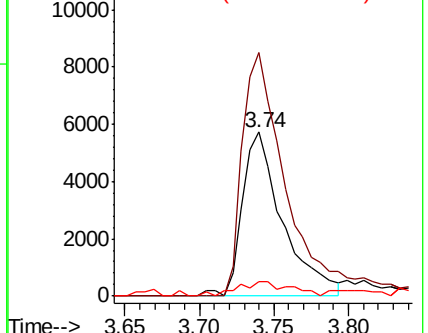
Ion	Ratio	Lower	Upper
42	100		
74	148.8	119.6	179.4
44	9.2	6.5	9.7

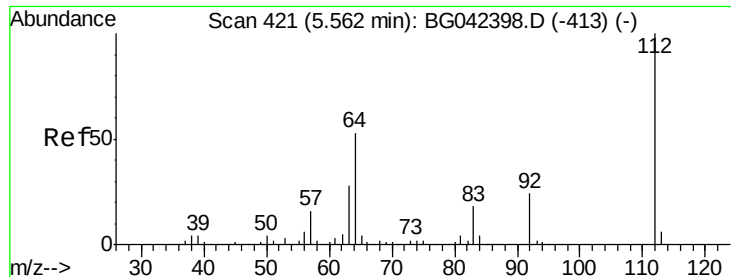


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 62.653 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampled :

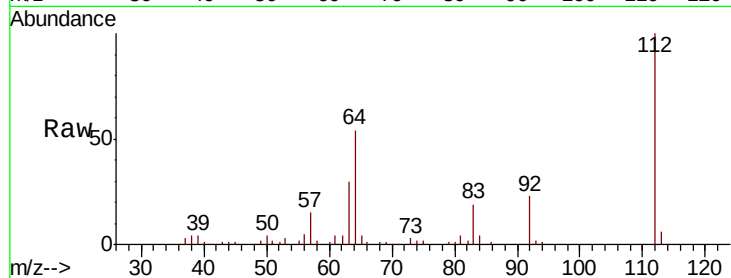
Tot Ion: 112 Resp: 102757

Ion Ratio Lower Upper

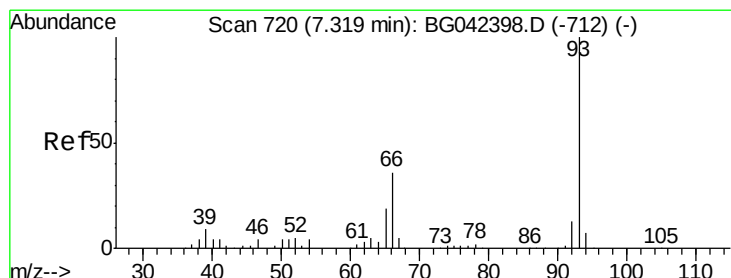
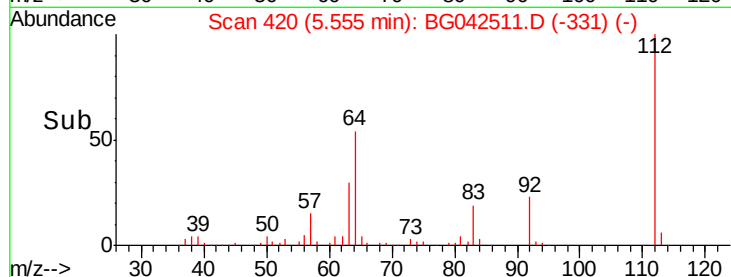
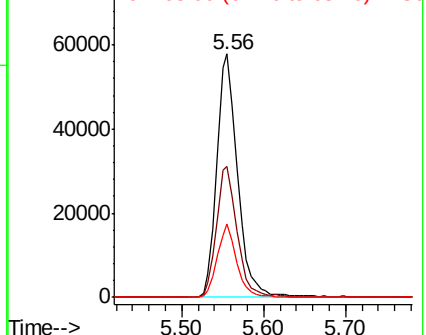
112 100

64 53.8 42.8 64.2

63 29.9 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: 14.784 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

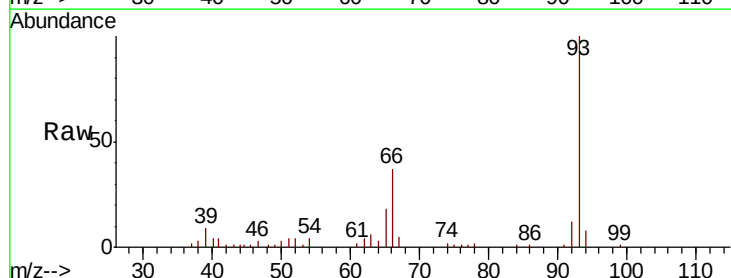
Tgt Ion: 93 Resp: 43684

Ion Ratio Lower Upper

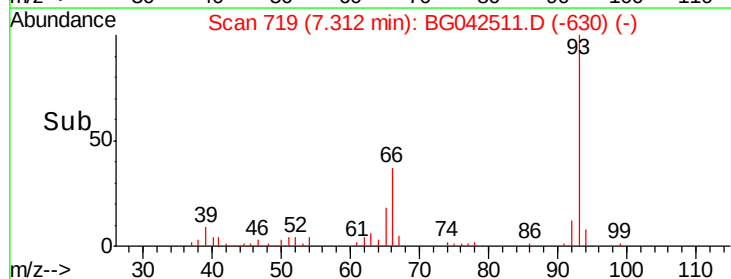
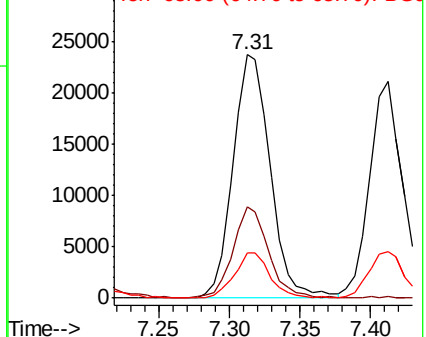
93 100

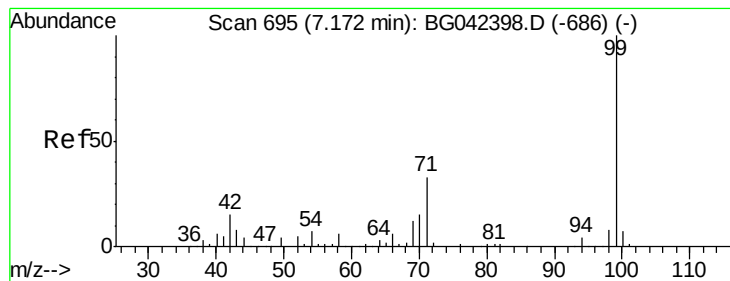
66 37.3 29.0 43.6

65 18.3 15.2 22.8



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





#7

Phenol-d6

Concen: 63.514 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampled :

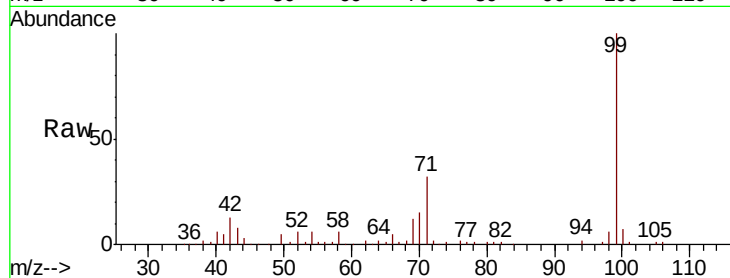
Tot Ion: 99 Resp: 140711

Ion Ratio Lower Upper

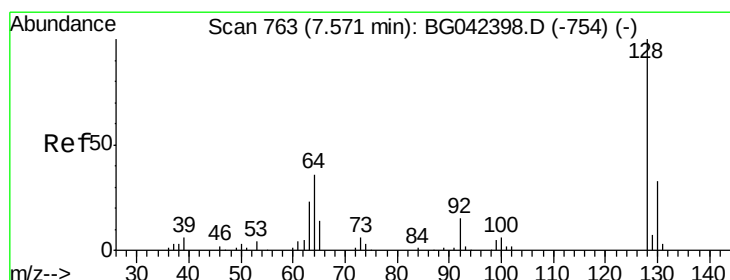
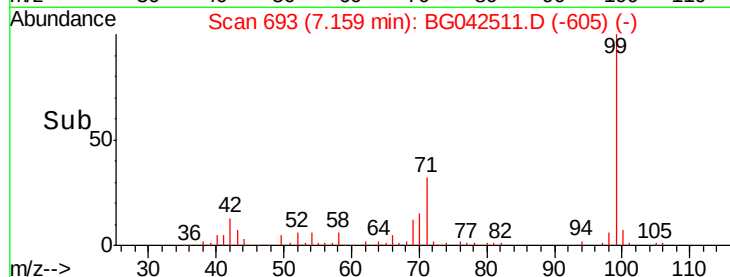
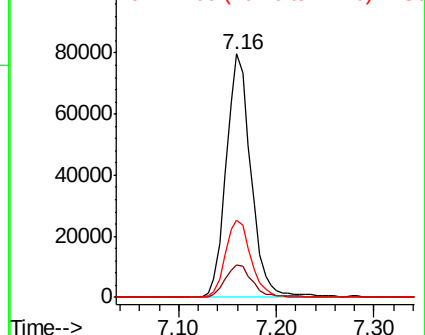
99 100

42 13.4 12.0 18.0

71 31.8 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: 21.172 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

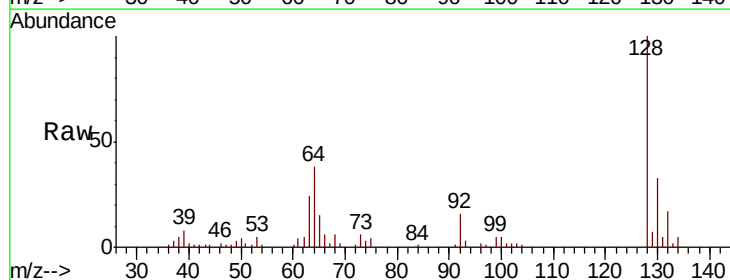
Tgt Ion:128 Resp: 42084

Ion Ratio Lower Upper

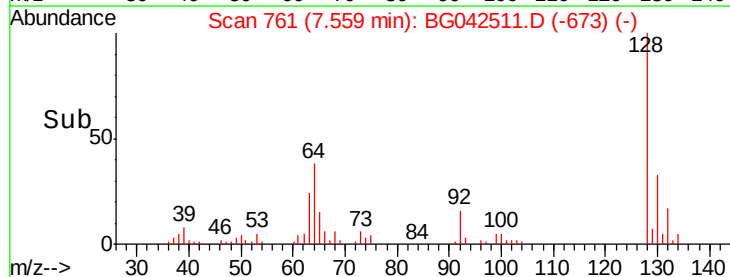
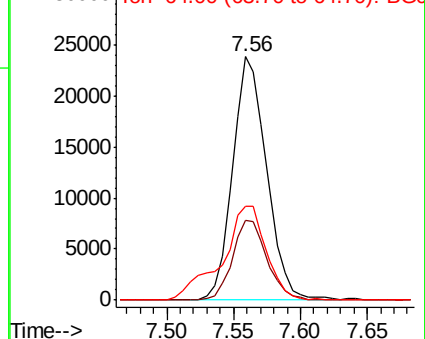
128 100

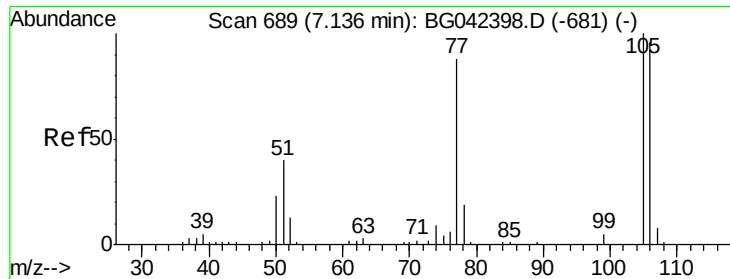
130 32.5 12.8 52.8

64 38.4 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: 21.392 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

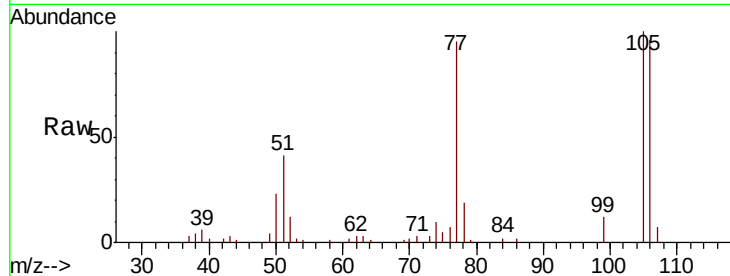
Tot Ion: 77 Resp: 23726

Ion Ratio Lower Upper

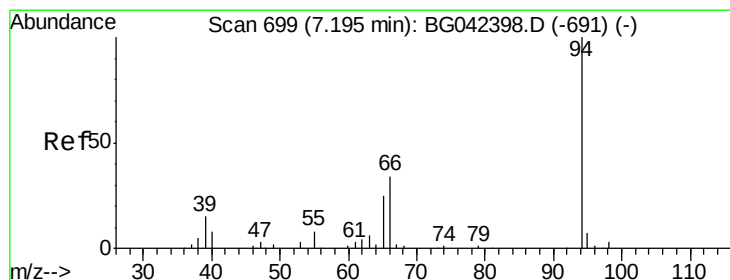
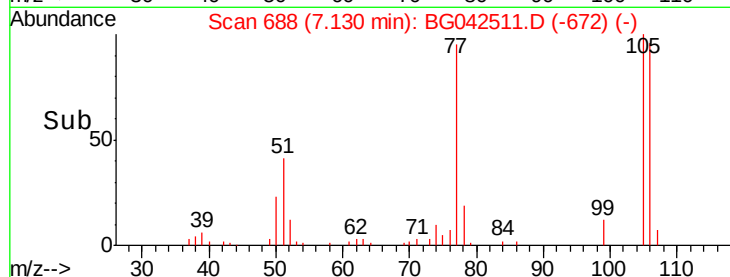
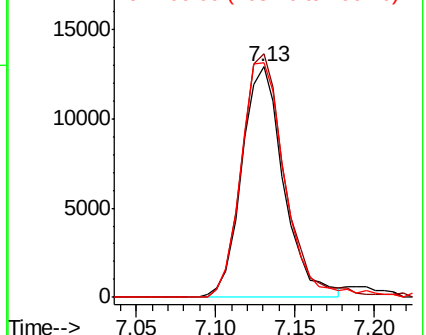
77 100

105 105.7 93.4 133.4

106 101.9 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: 24.471 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

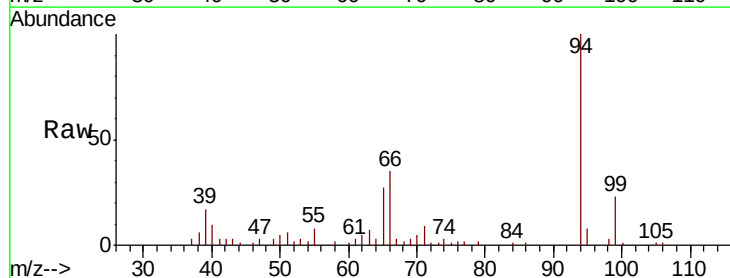
Tgt Ion: 94 Resp: 55122

Ion Ratio Lower Upper

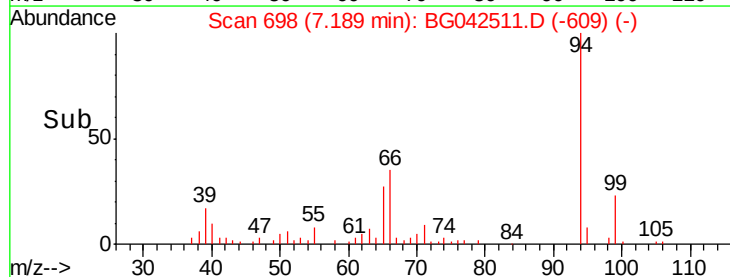
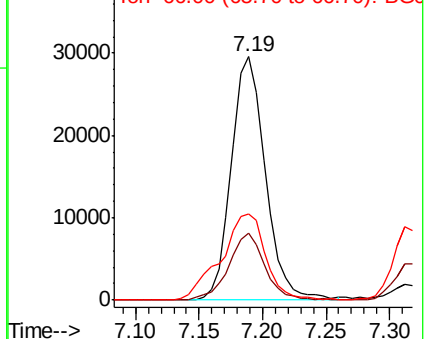
94 100

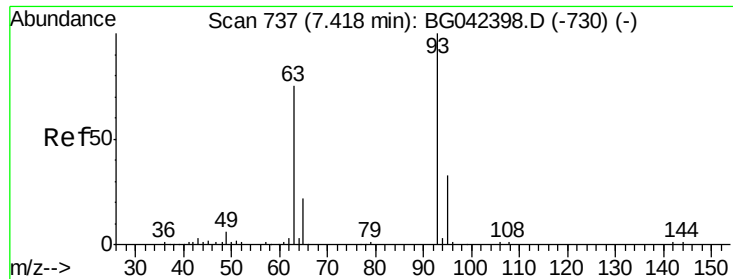
65 27.3 5.6 45.6

66 35.3 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

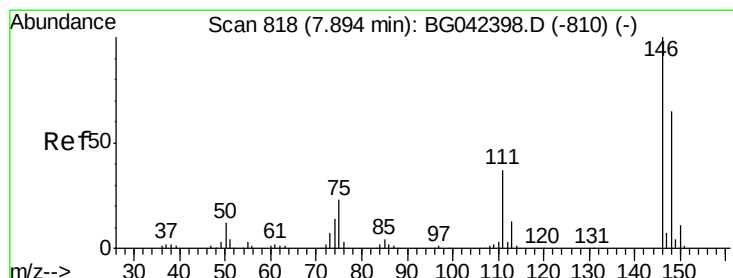
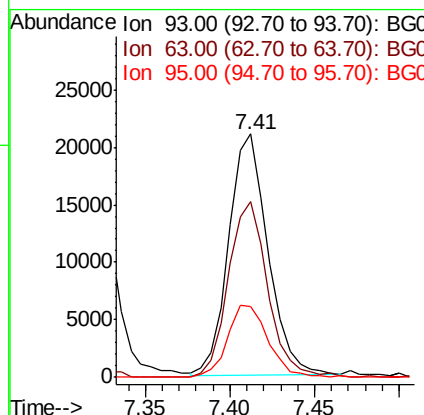
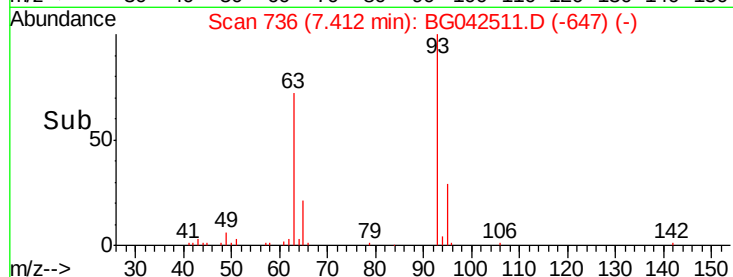
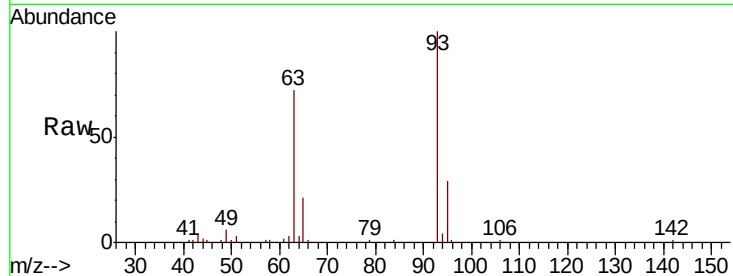




#11
 bis(2-Chloroethyl)ether
 Concen: 19.107 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

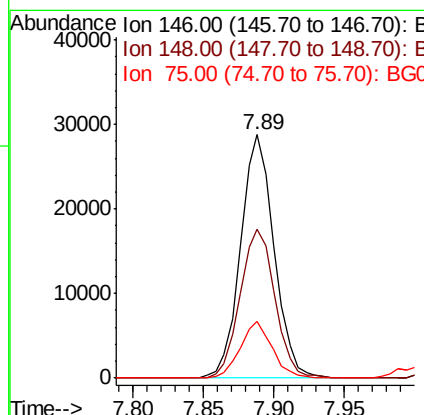
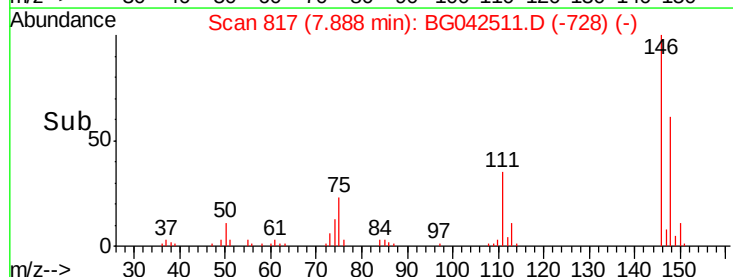
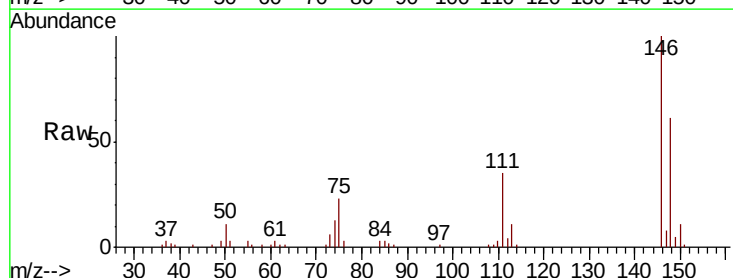
Instrument :
 BNA_G
 ClientSampleId :

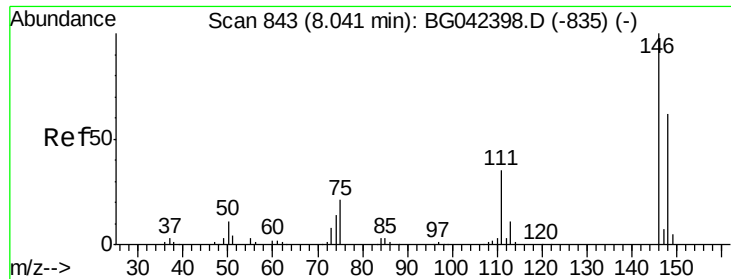
Tot Ion:	93	Resp:	33801
Ion	Ratio	Lower	Upper
93	100		
63	72.3	53.8	93.8
95	29.2	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 18.847 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion:	146	Resp:	47657
Ion	Ratio	Lower	Upper
146	100		
148	61.4	52.2	78.2
75	23.4	18.0	27.0

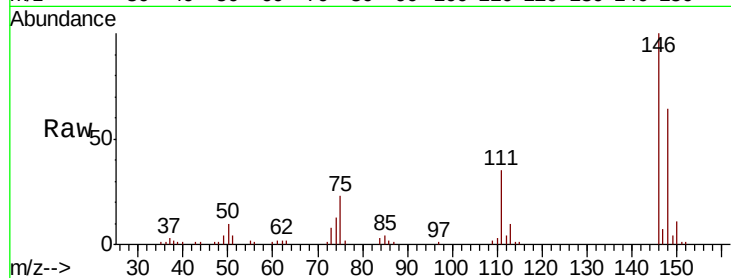




#13
 1,4-Dichlorobenzene
 Concen: 18.815 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.5	74.3
111	35.4	28.1	42.1

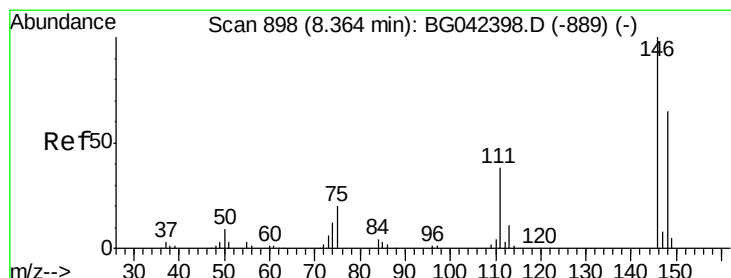
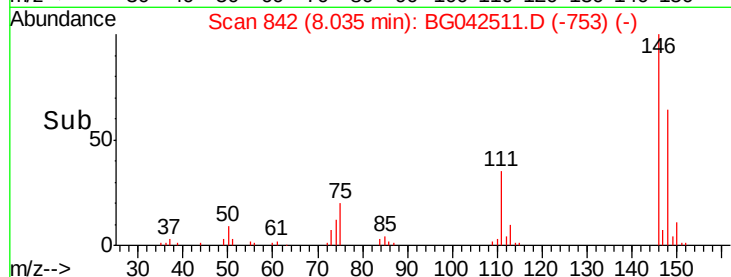
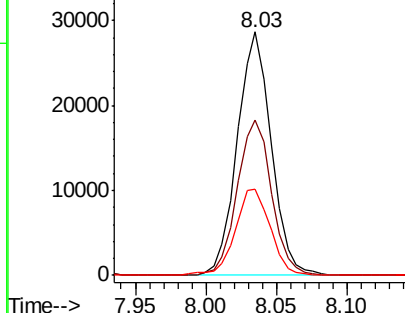


Abundance

Ion 146.00 (145.70 to 146.70): E

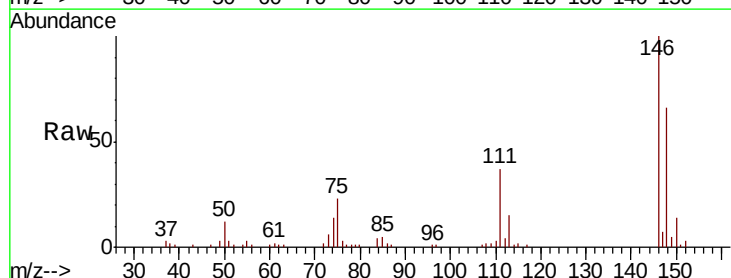
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 19.158 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.8	77.6
111	36.8	30.9	46.3

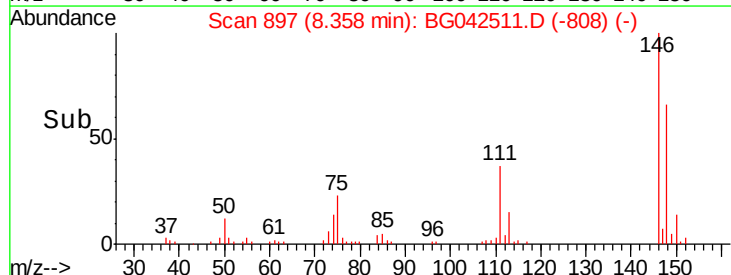
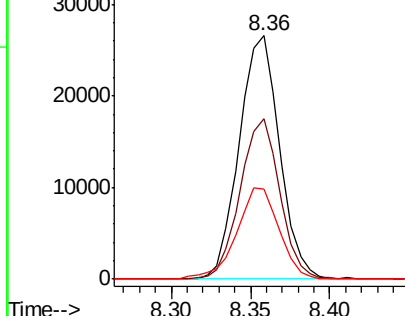


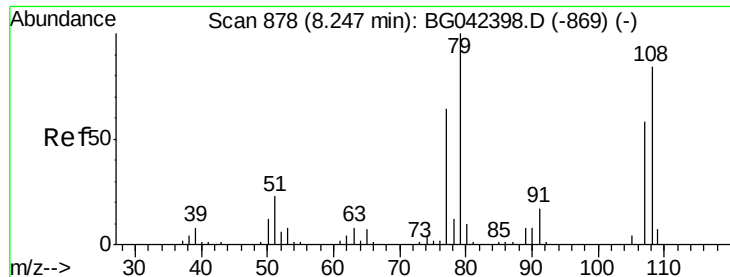
Abundance

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: 18.362 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampled :

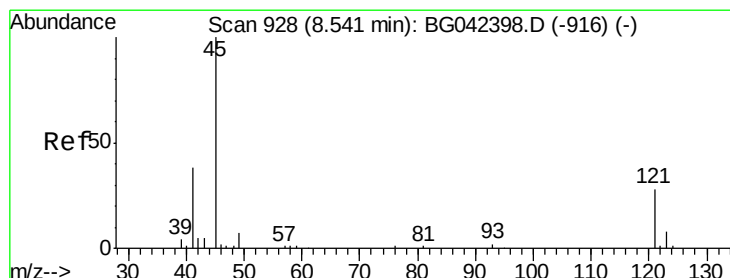
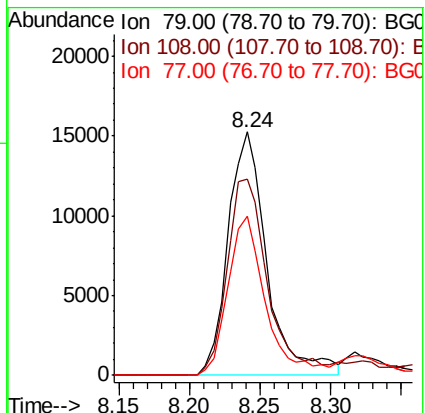
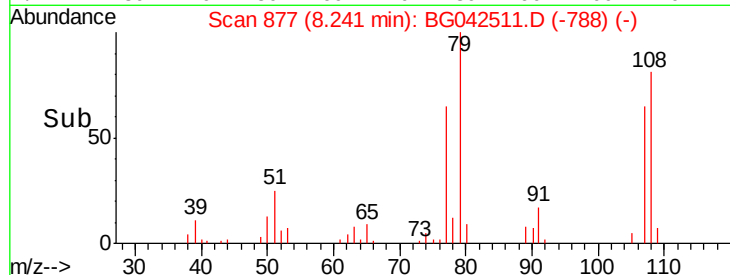
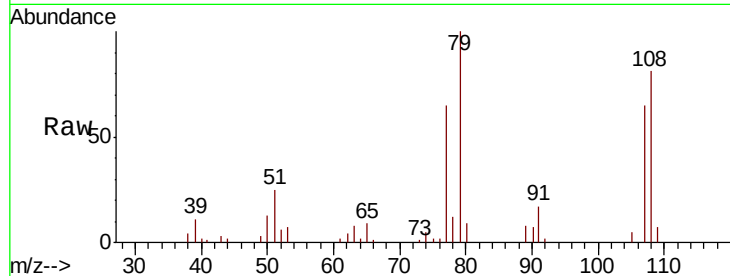
Tot Ion: 79 Resp: 29266

Ion Ratio Lower Upper

79 100

108 80.8 67.4 101.2

77 65.1 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 18.942 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

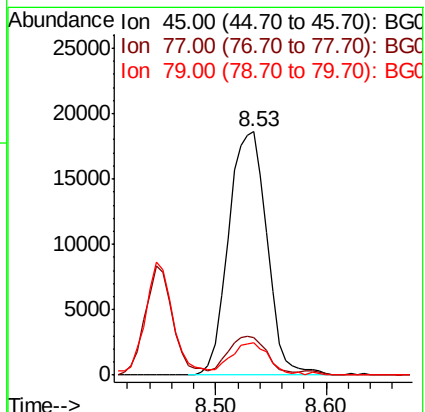
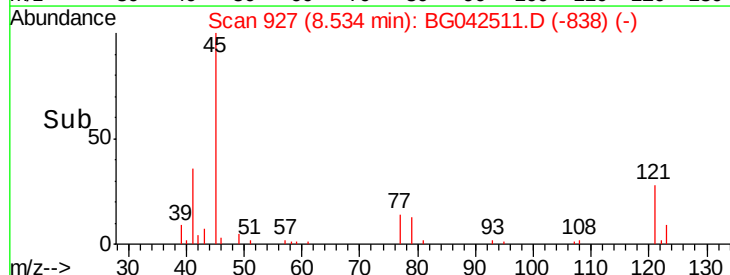
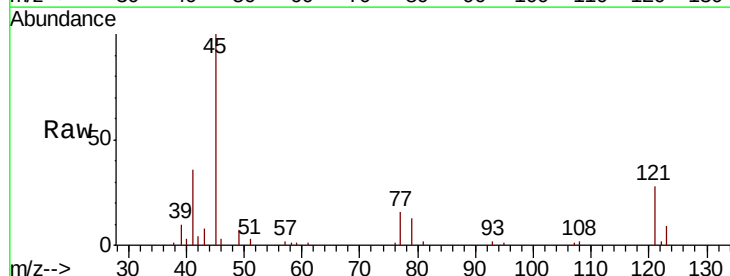
Tgt Ion: 45 Resp: 45418

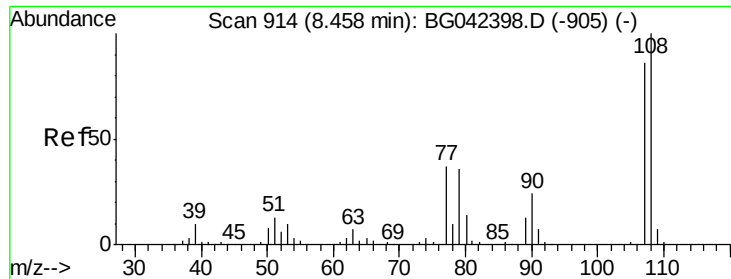
Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.6

79 13.1 0.0 31.6

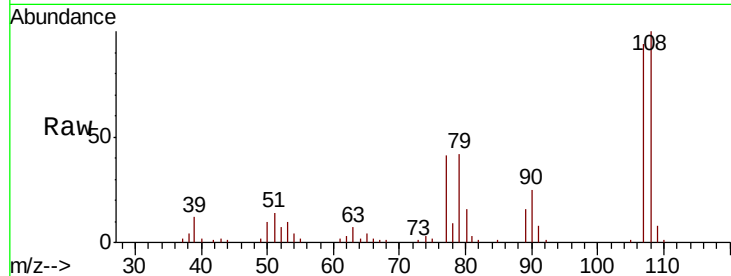




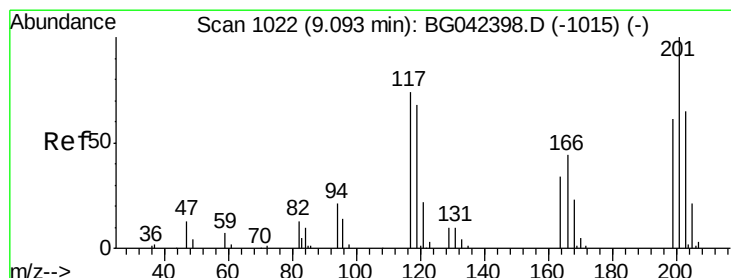
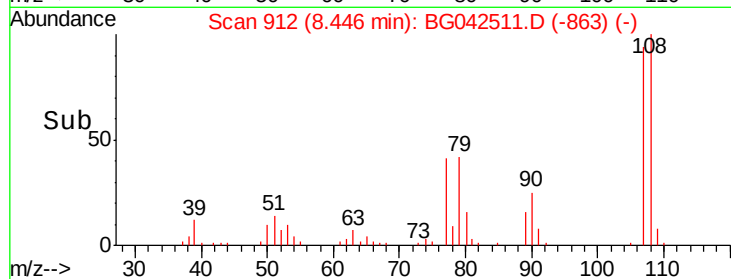
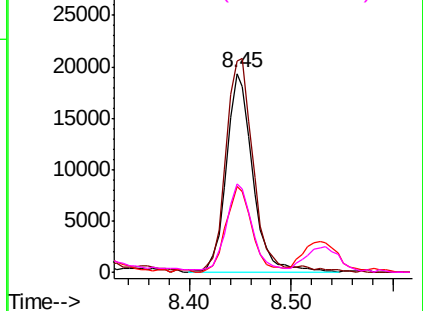
#17
2-Methylphenol
Concen: 21.056 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	34934
Ion	Ratio	Lower	Upper
107	100		
108	106.2	92.9	139.3
77	43.1	34.4	51.6
79	44.6	33.8	50.6

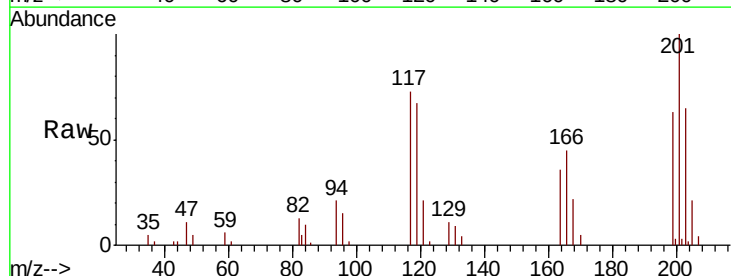


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

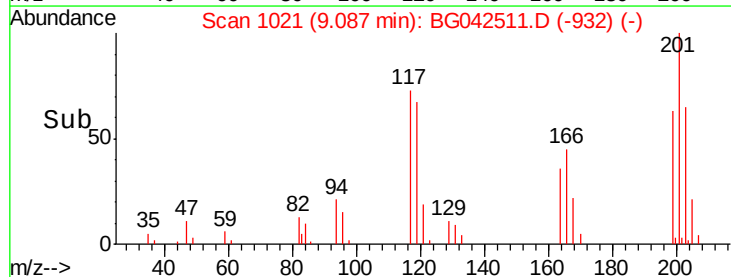
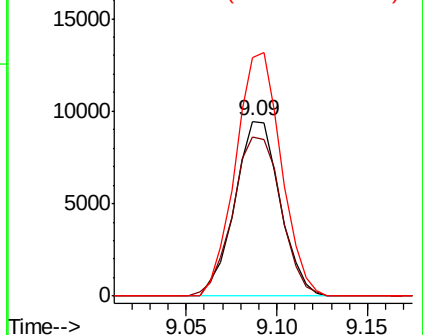


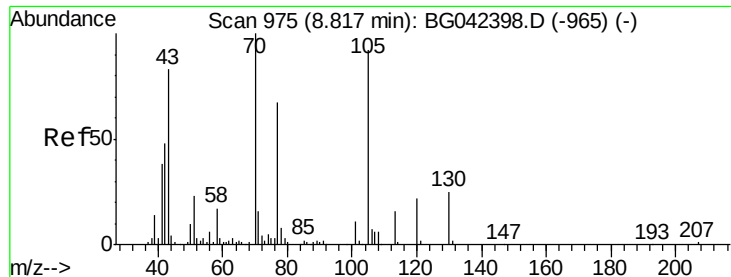
#18
Hexachloroethane
Concen: 18.618 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion:	117	Resp:	16325
Ion	Ratio	Lower	Upper
117	100		
119	91.3	73.8	110.8
201	136.9	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: 19.700 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 28275

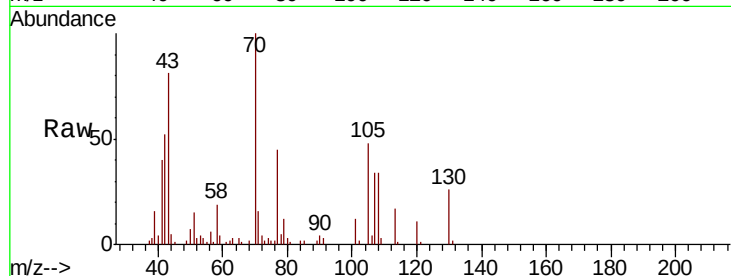
Ion Ratio Lower Upper

70 100

42 52.1 38.8 58.2

101 12.0 9.0 13.6

130 25.8 20.0 30.0



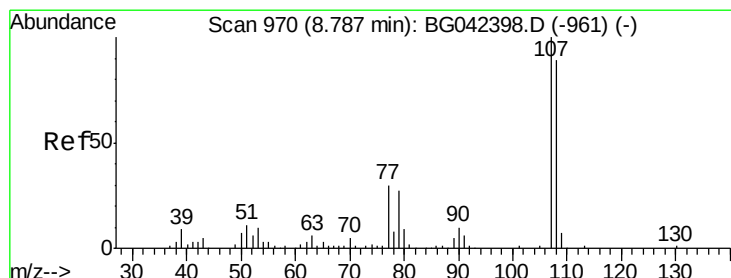
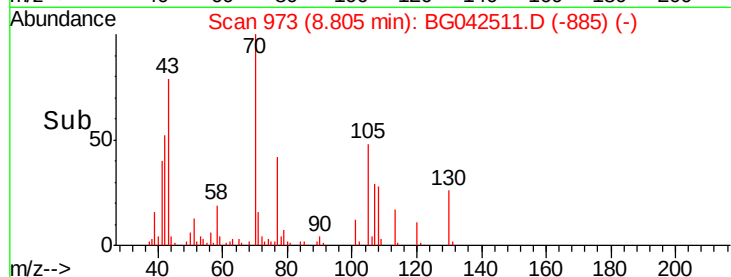
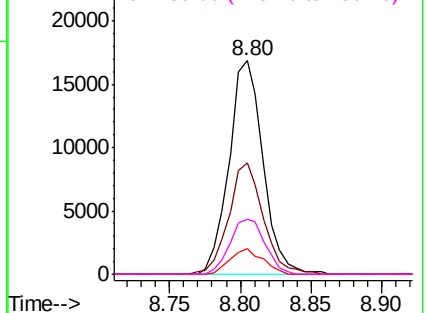
Abundance

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: 20.690 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion: 107 Resp: 47500

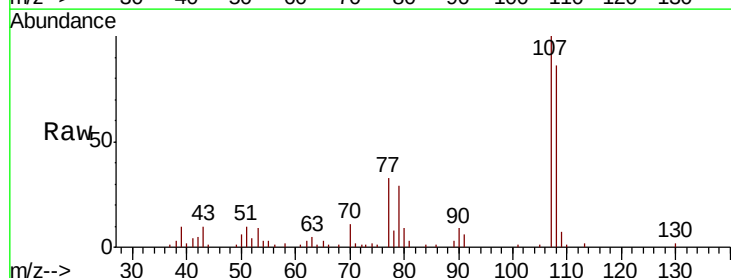
Ion Ratio Lower Upper

107 100

108 86.4 68.7 108.7

77 33.4 10.2 50.2

79 29.2 6.9 46.9



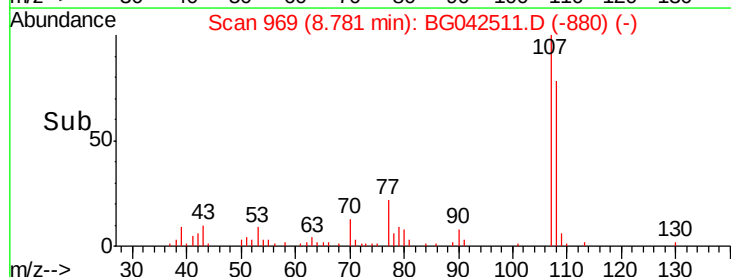
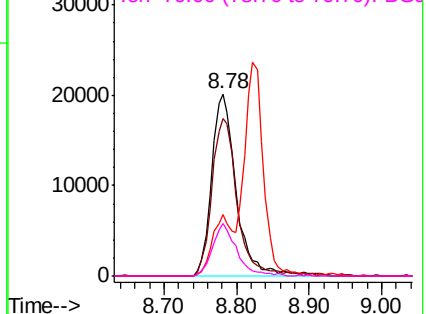
Abundance

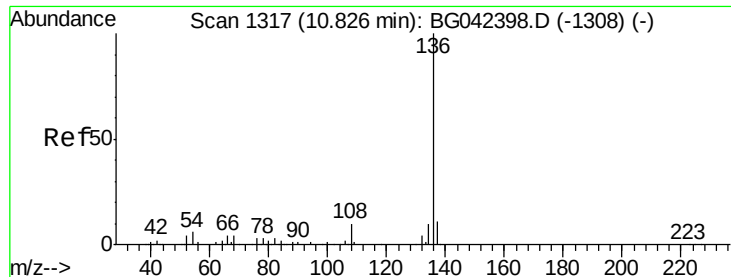
Ion 107.00 (106.70 to 107.70): BGC

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

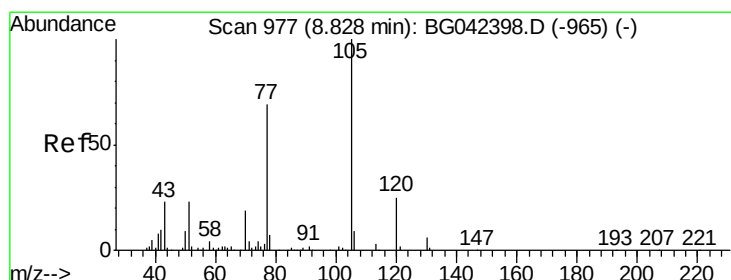
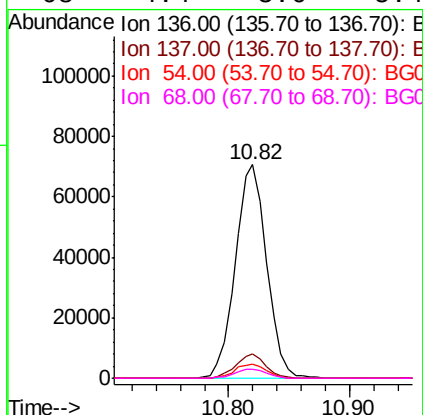
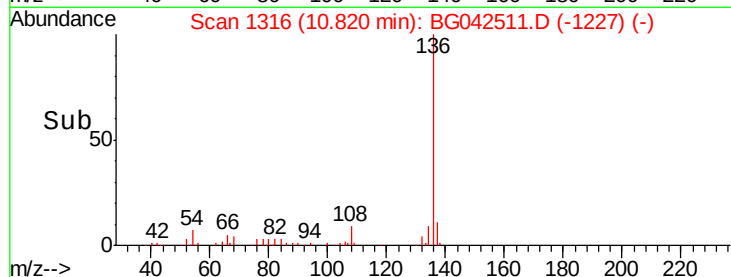
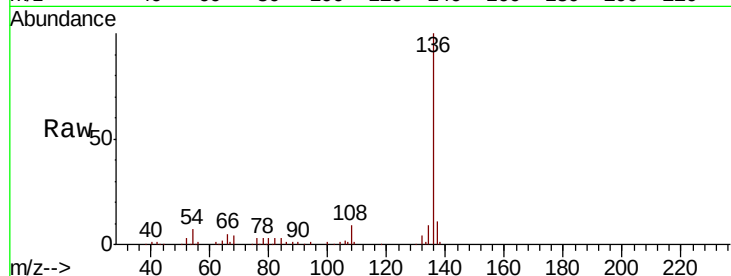




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

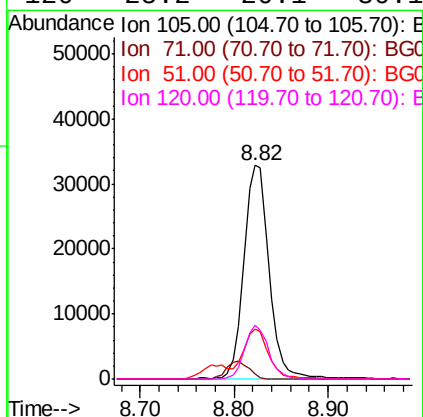
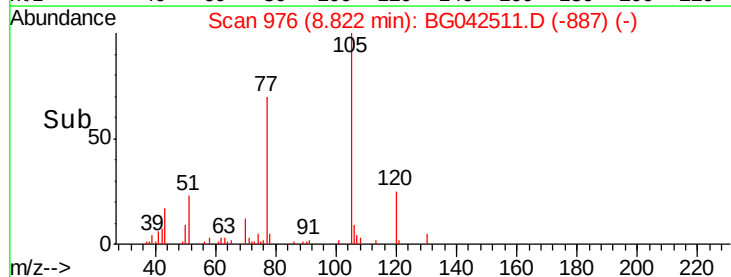
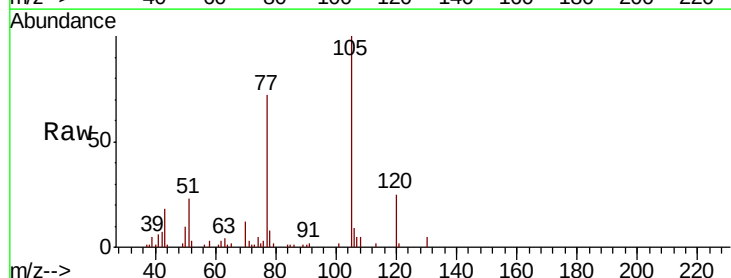
Instrument :
BNA_G
ClientSampleId :

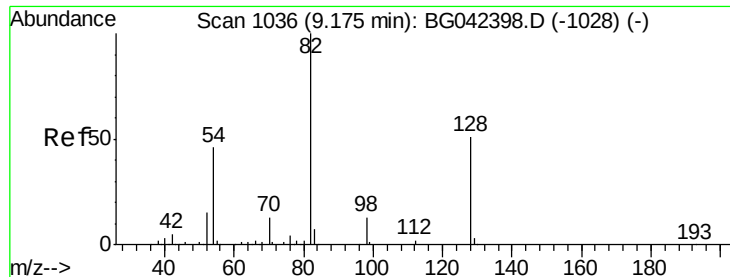
Tot Ion:136	Resp:	127287
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.7	13.1
54 6.8	4.9	7.3
68 4.4	3.6	5.4



#22
Acetophenone
Concen: 22.379 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt	Ion:105	Resp:	60926
Ion	Ratio	Lower	Upper
105	100		
71	2.6	2.8	4.2#
51	23.5	18.7	28.1
120	25.2	20.1	30.1

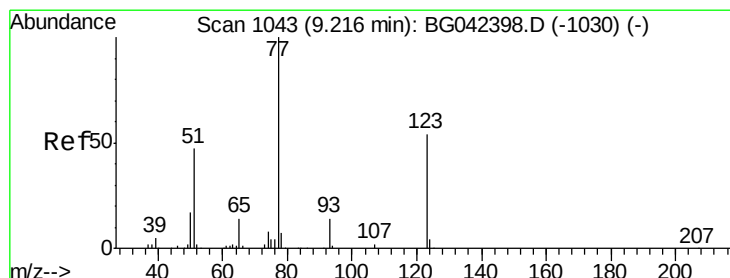
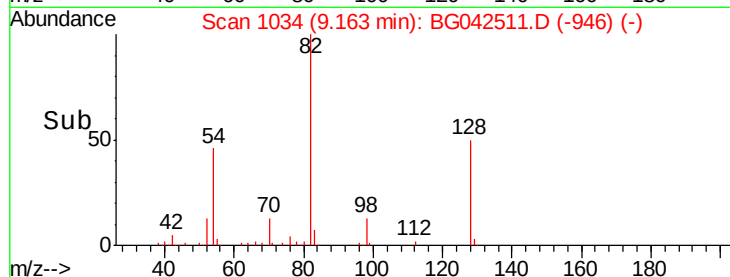
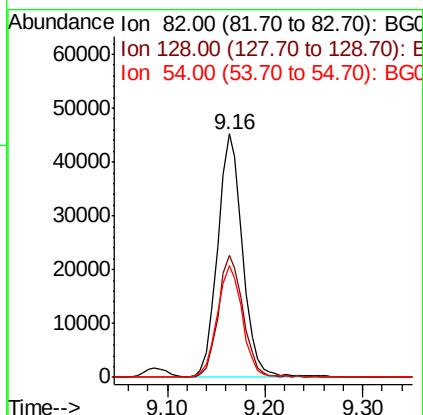
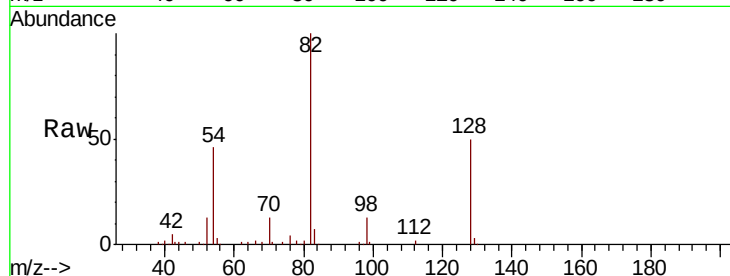




#23
 Nitrobenzene-d5
 Concen: 43.347 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

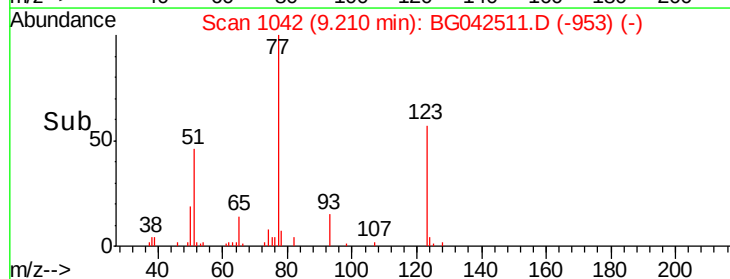
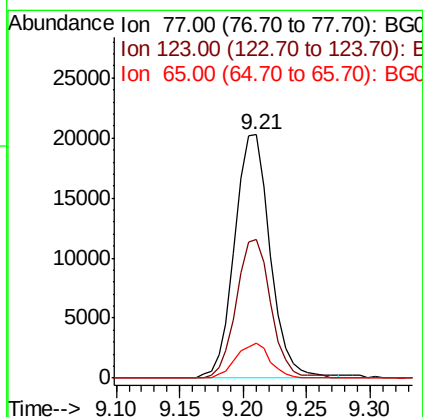
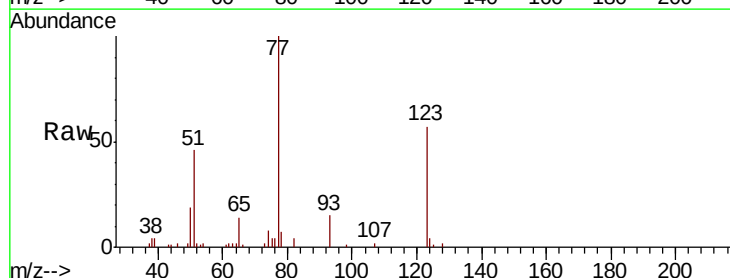
Instrument :
 BNA_G
 ClientSampleId :

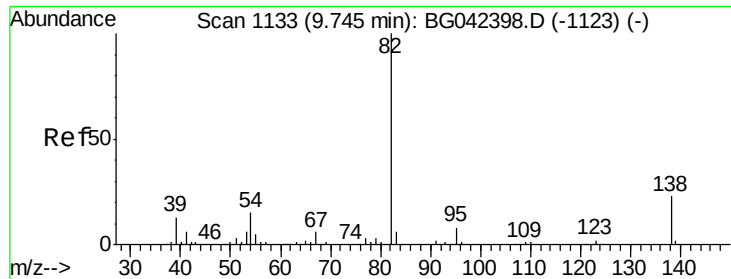
Tot Ion: 82 Resp: 79844
 Ion Ratio Lower Upper
 82 100
 128 50.1 40.7 61.1
 54 46.1 36.3 54.5



#24
 Nitrobenzene
 Concen: 21.178 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion: 77 Resp: 39502
 Ion Ratio Lower Upper
 77 100
 123 57.2 43.4 65.0
 65 14.4 11.0 16.6





#25

Isophorone

Concen: 22.012 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampled :

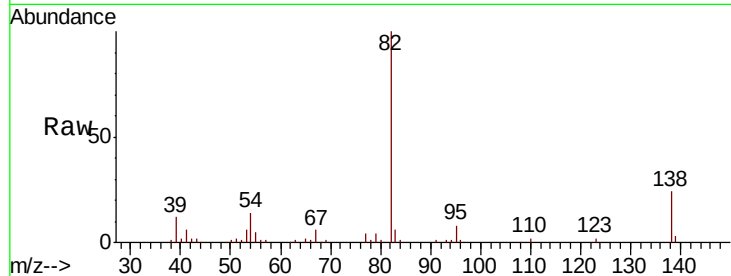
Tot Ion: 82 Resp: 80016

Ion Ratio Lower Upper

82 100

95 8.3 6.6 9.8

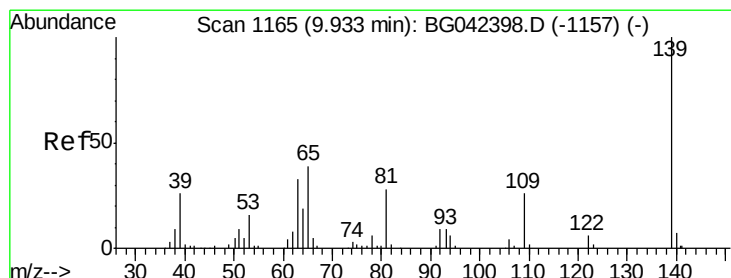
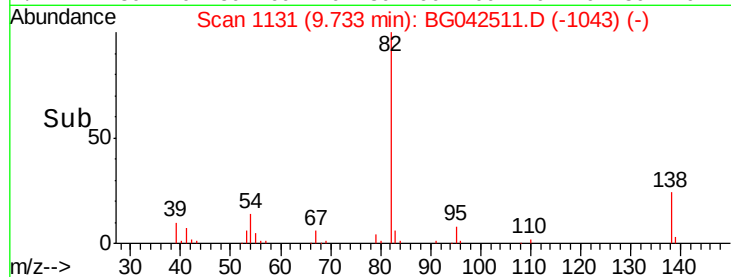
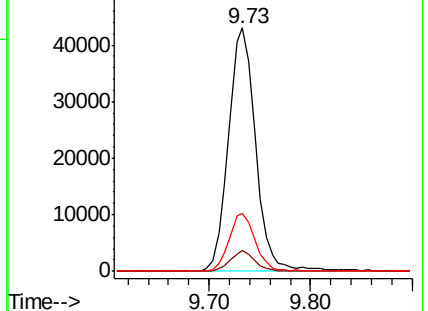
138 24.0 18.6 27.8



Abundance Ion 82.00 (81.70 to 82.70): BG042398.D (-1123) (-)

Ion 95.00 (94.70 to 95.70): BG042398.D (-1123) (-)

Ion 138.00 (137.70 to 138.70): BG042398.D (-1123) (-)



#26

2-Nitrophenol

Concen: 22.674 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

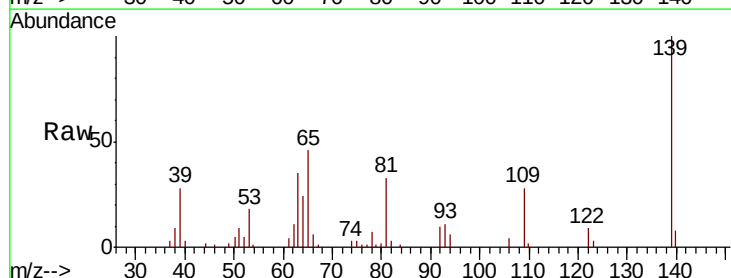
Tgt Ion: 139 Resp: 26503

Ion Ratio Lower Upper

139 100

109 28.0 20.5 30.7

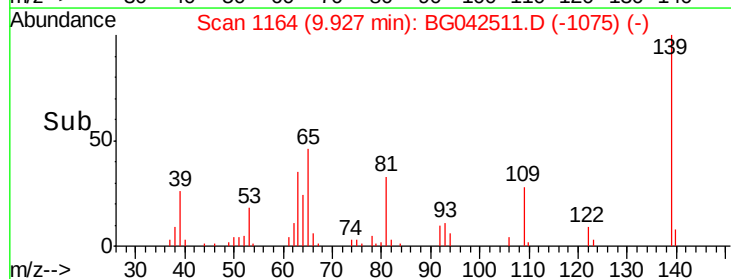
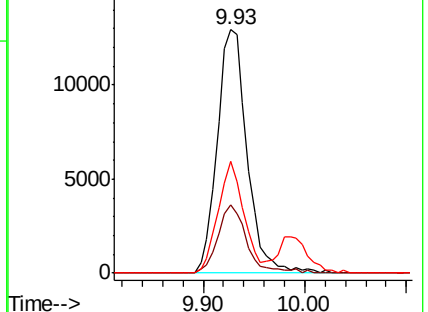
65 45.7 30.9 46.3

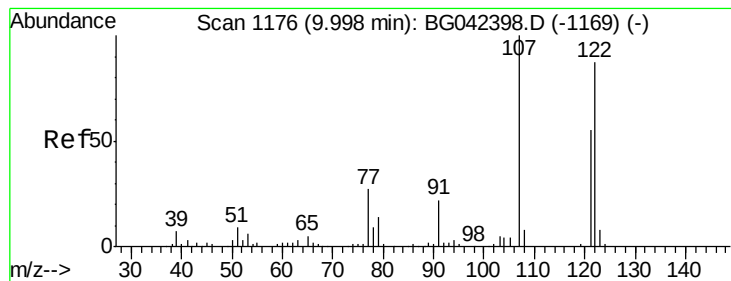


Abundance Ion 139.00 (138.70 to 139.70): BG042398.D (-1157) (-)

Ion 109.00 (108.70 to 109.70): BG042398.D (-1157) (-)

Ion 65.00 (64.70 to 65.70): BG042398.D (-1157) (-)





#27

2,4-Dimethylphenol

Concen: 25.886 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

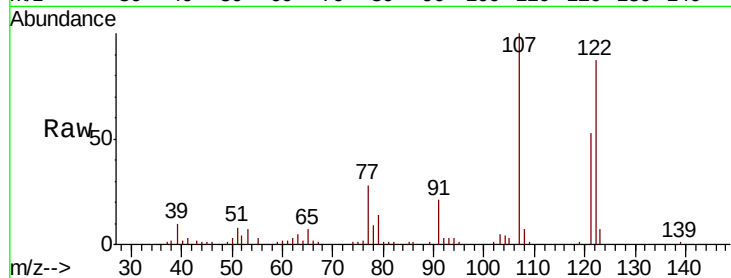
Tot Ion:122 Resp: 41680

Ion Ratio Lower Upper

122 100

107 114.5 90.8 136.2

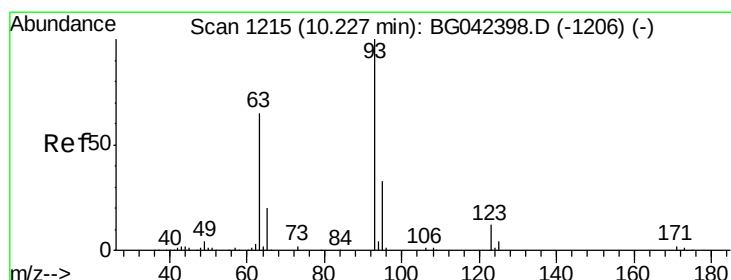
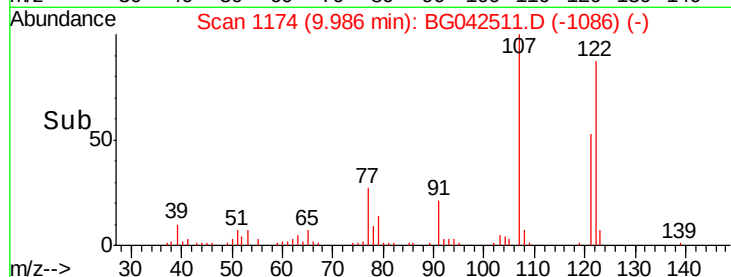
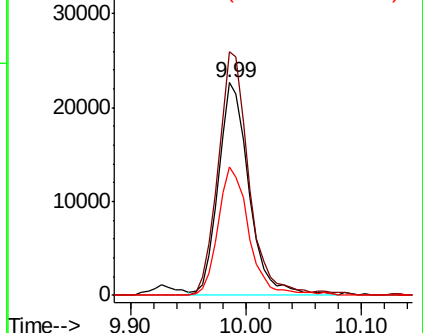
121 60.2 49.6 74.4



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: 21.296 ng

RT: 10.21 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

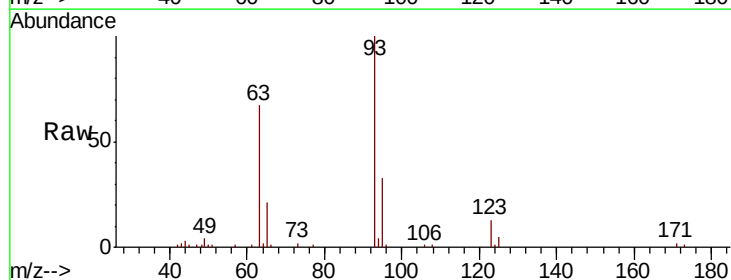
Tgt Ion: 93 Resp: 48792

Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

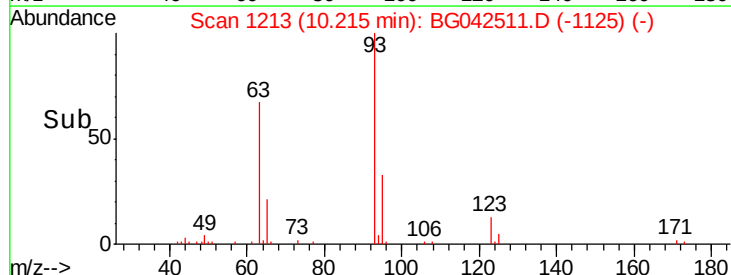
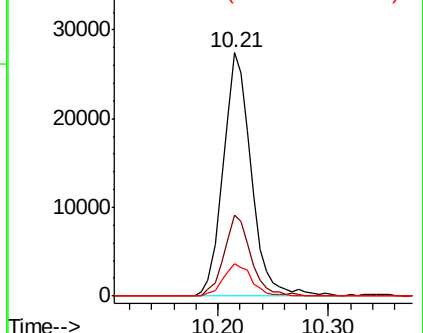
123 13.3 10.1 15.1

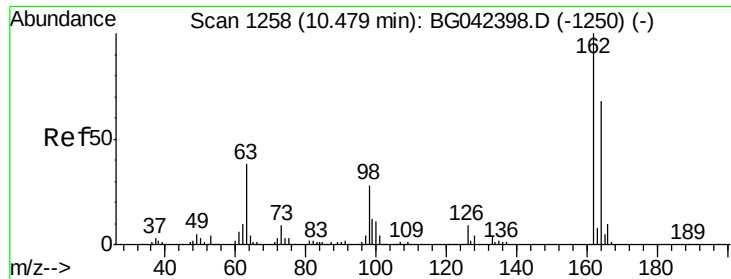


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

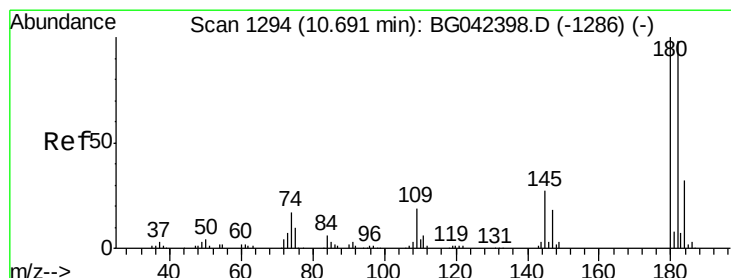
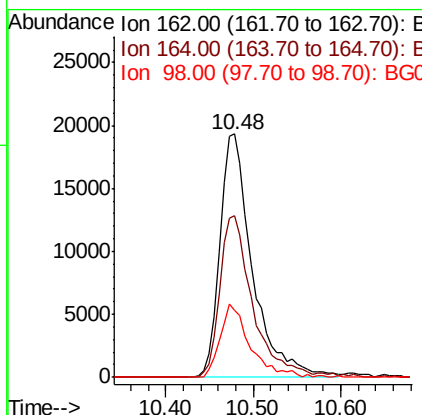
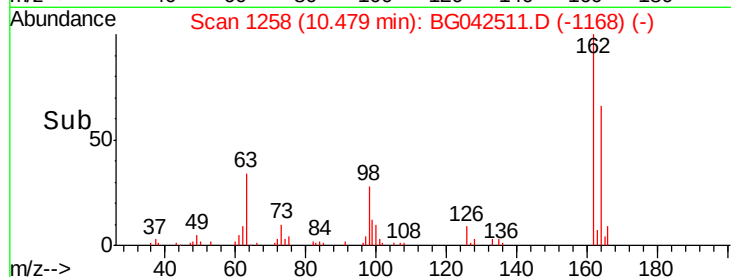
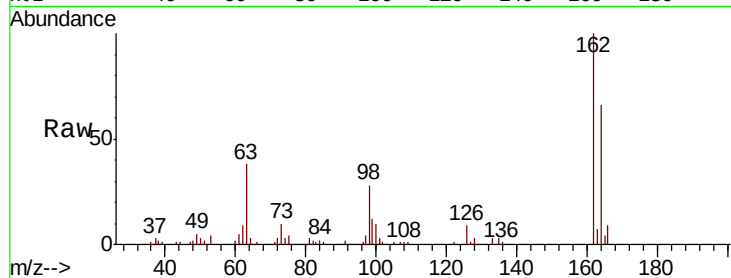




#29
 2,4-Dichlorophenol
 Concen: 23.328 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

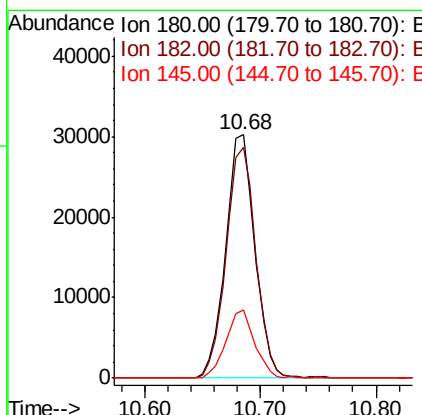
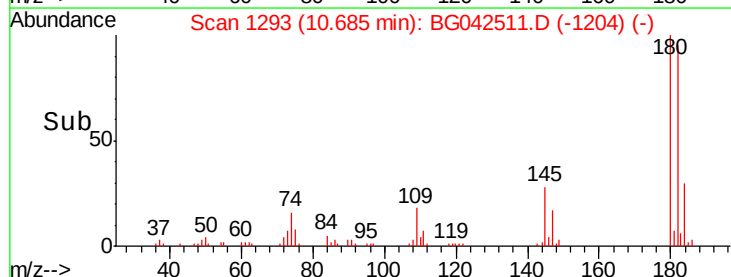
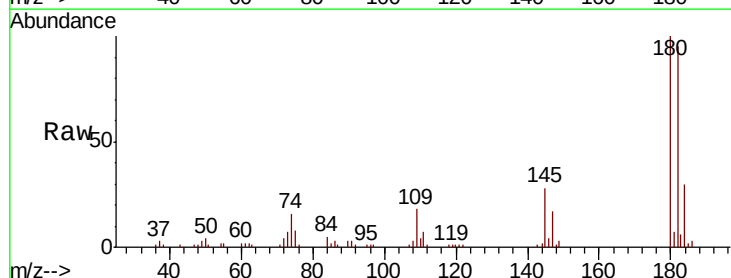
Instrument :
 BNA_G
 ClientSampled :

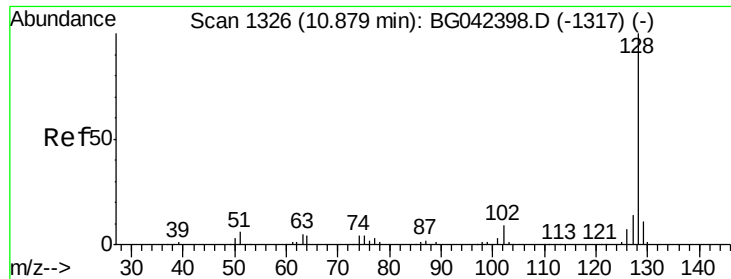
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	48.1	88.1
98	27.8	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 20.594 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.7	118.1
145	27.9	21.6	32.4

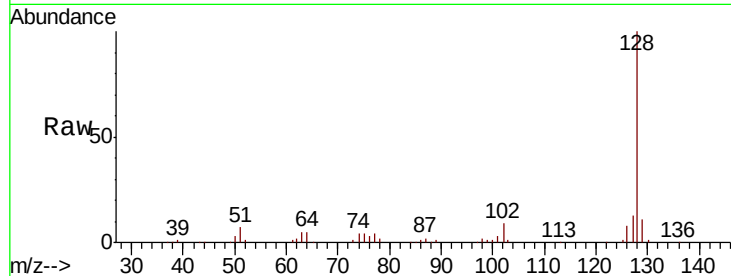




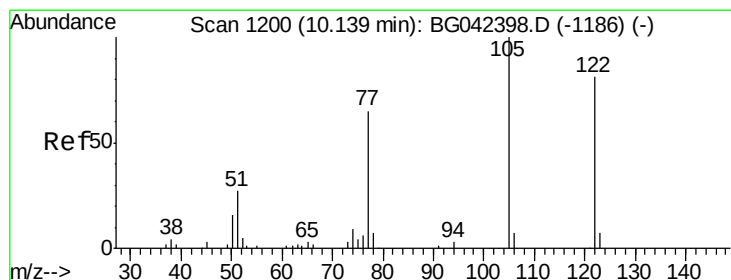
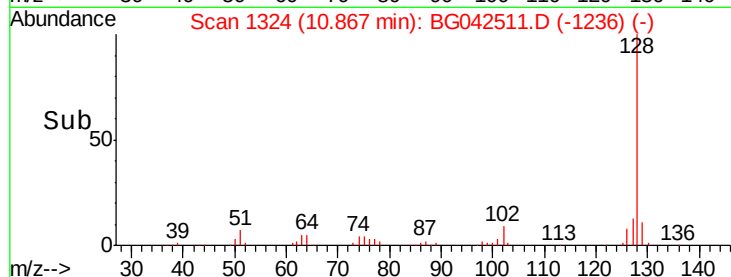
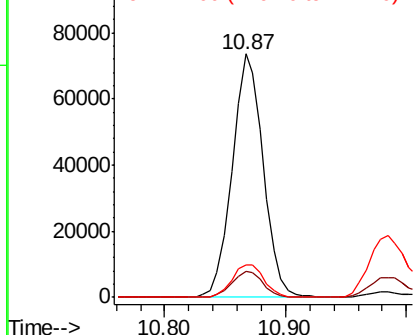
#31
Naphthalene
Concen: 22.173 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 131032
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.1 11.4 17.0

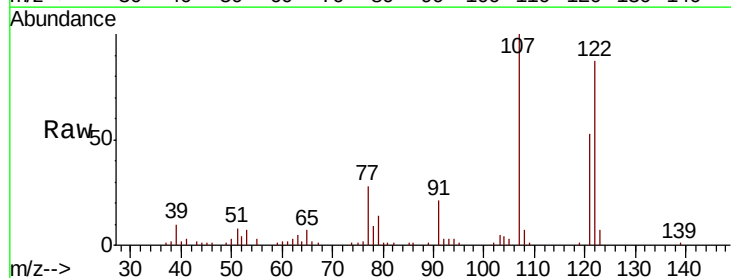


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

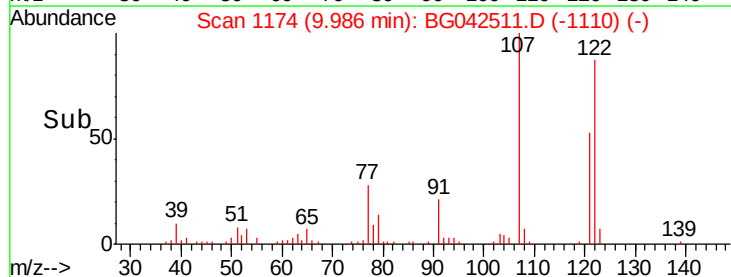
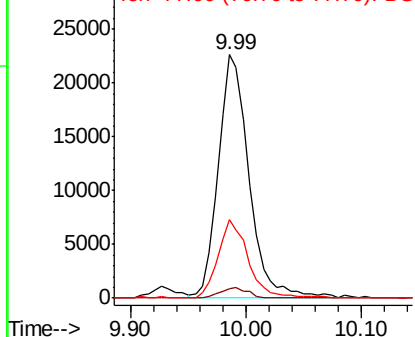


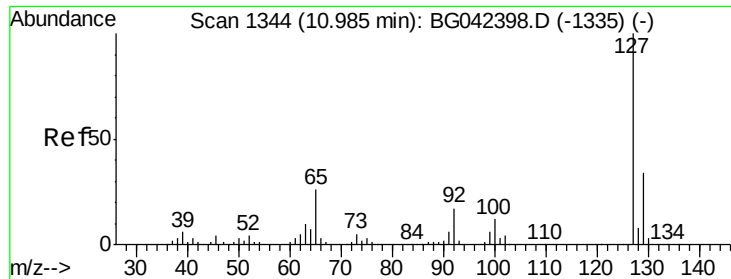
#32
Benzoic acid
Concen: 37.767 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.15 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion:122 Resp: 41680
Ion Ratio Lower Upper
122 100
105 3.6 99.6 139.6#
77 32.4 59.5 99.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

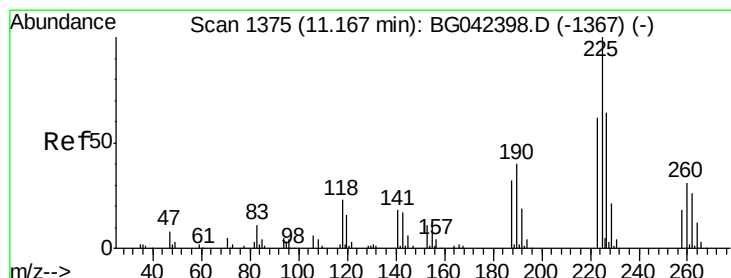
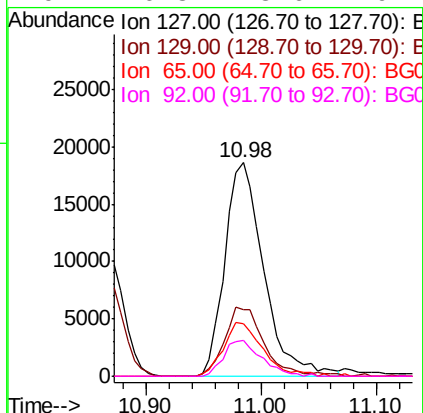
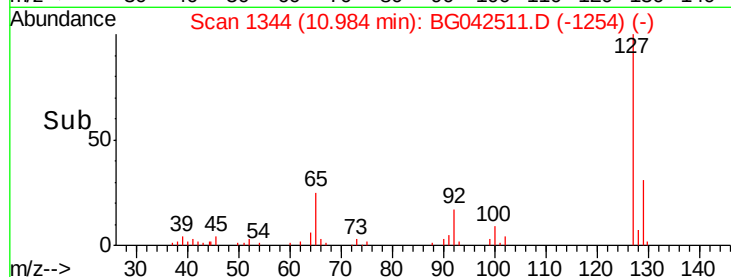
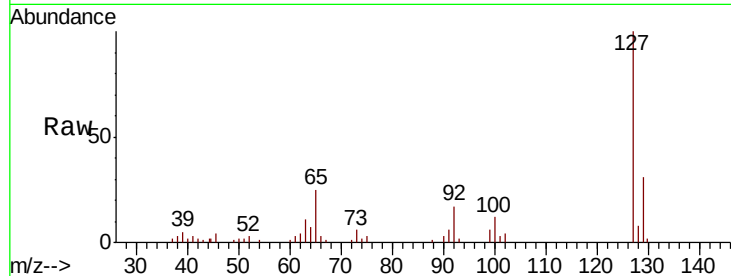




#33
4-Chloroaniline
Concen: 15.959 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

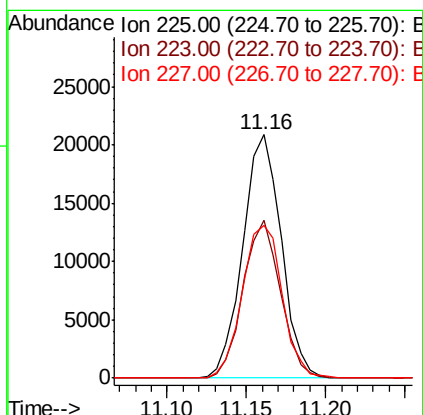
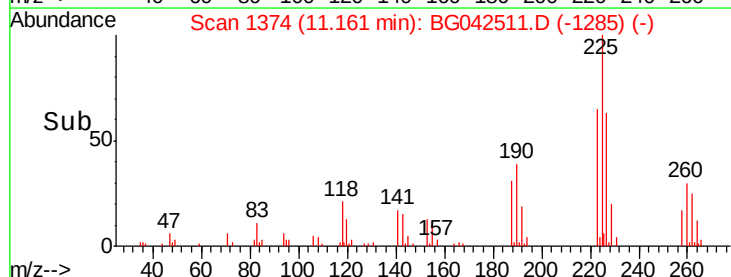
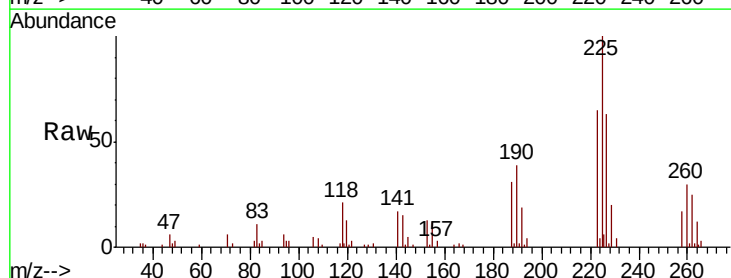
Instrument :
BNA_G
ClientSampleId :

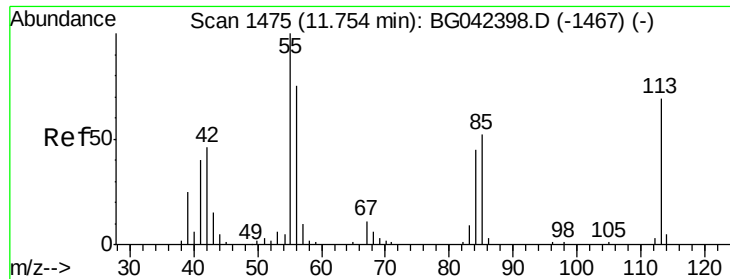
Tot Ion:	127	Resp:	43538
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.8	40.2
65	24.5	20.7	31.1
92	16.8	13.6	20.4



#34
Hexachlorobutadiene
Concen: 20.263 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion:	225	Resp:	35213
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.8	74.6
227	61.6	50.9	76.3

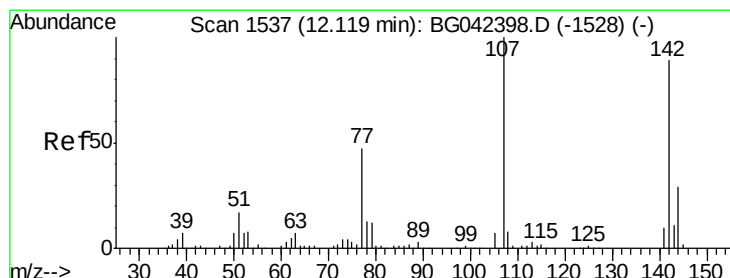
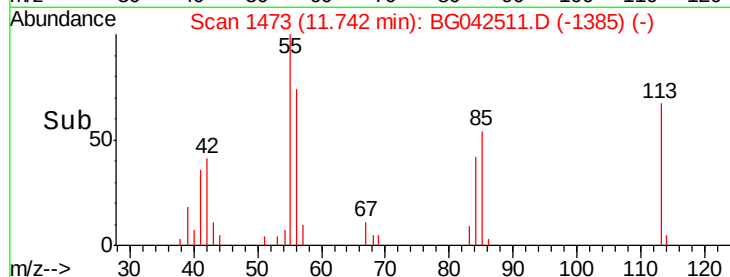
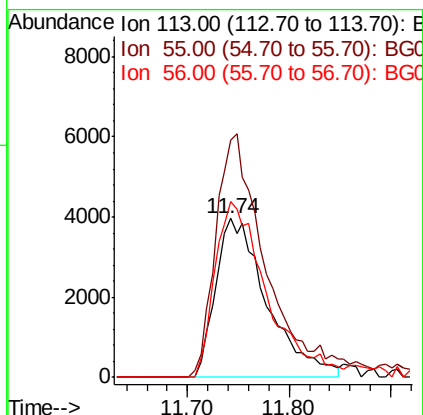
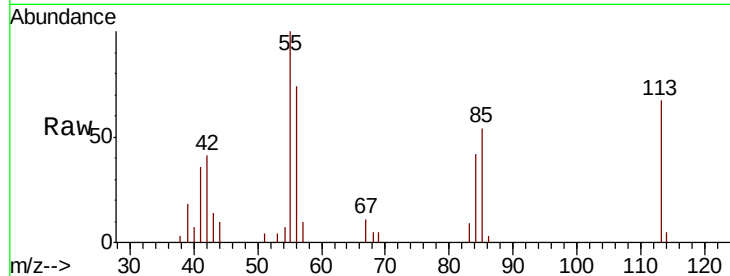




#35
 Caprolactam
 Concen: 19.860 ng
 RT: 11.74 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

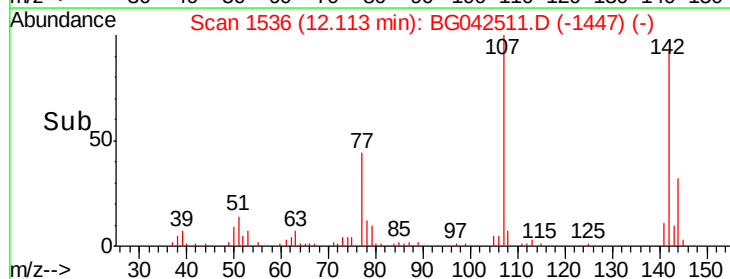
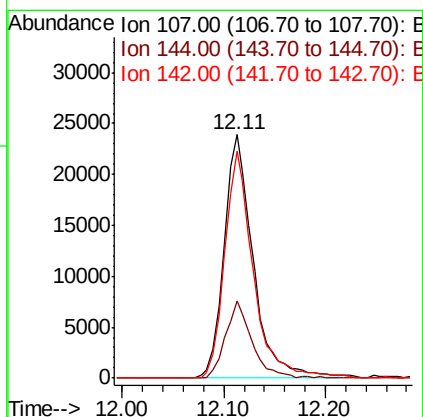
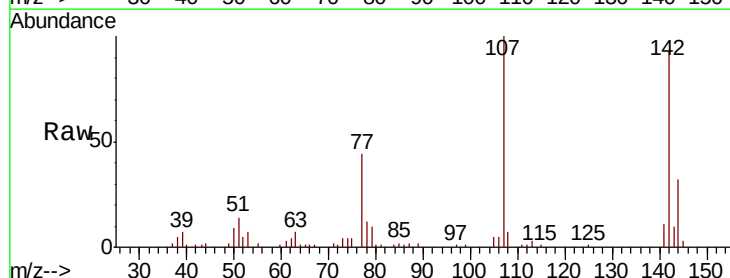
Instrument :
 BNA_G
 ClientSampleId :

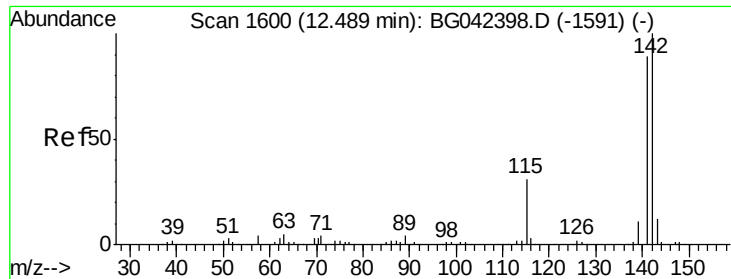
Tot Ion:113 Resp: 13960
 Ion Ratio Lower Upper
 113 100
 55 149.0 124.6 164.6
 56 110.5 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 23.708 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion:107 Resp: 47412
 Ion Ratio Lower Upper
 107 100
 144 31.6 23.6 35.4
 142 93.5 71.0 106.4

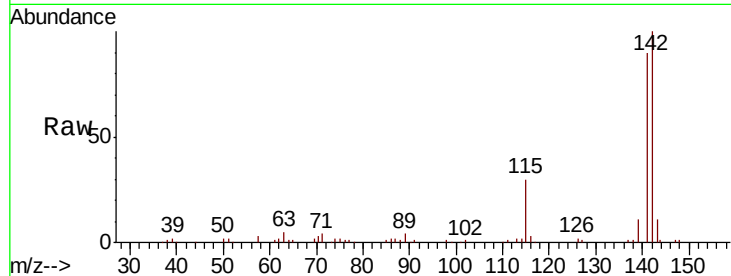




#37
 2-Methylnaphthalene
 Concen: 22.626 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.2
115	30.3	25.2	37.8

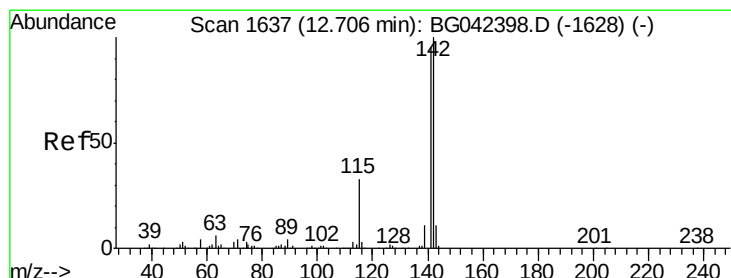
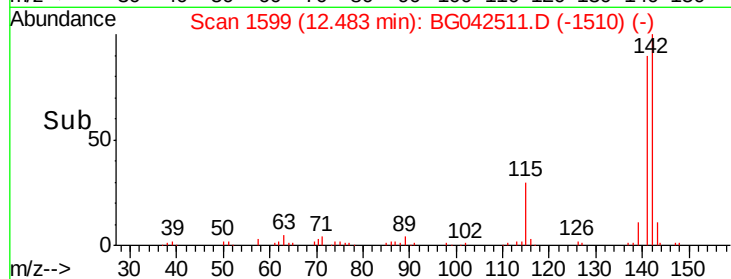
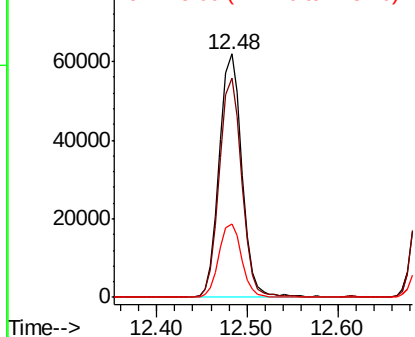


Abundance

Ion 142.00 (141.70 to 142.70): E

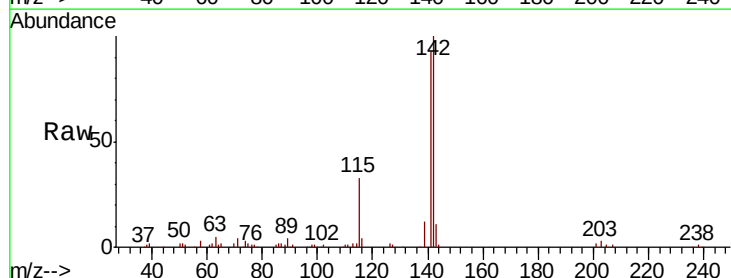
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 22.717 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	76.2	114.2
116	3.5	2.8	4.2

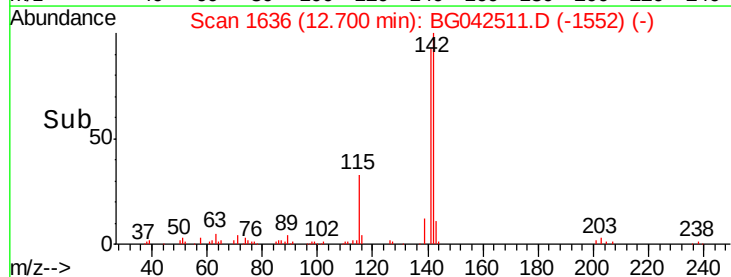
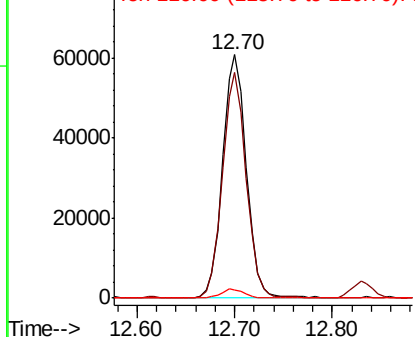


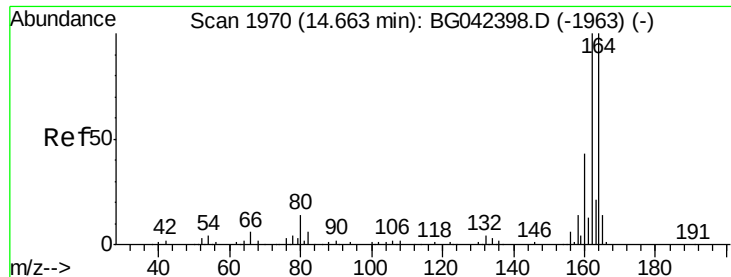
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

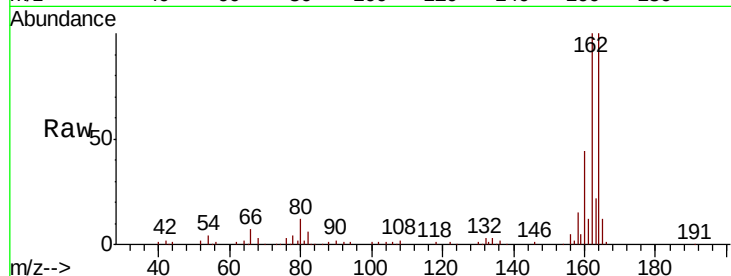
Tot Ion:164 Resp: 97880

Ion Ratio Lower Upper

164 100

162 100.1 79.9 119.9

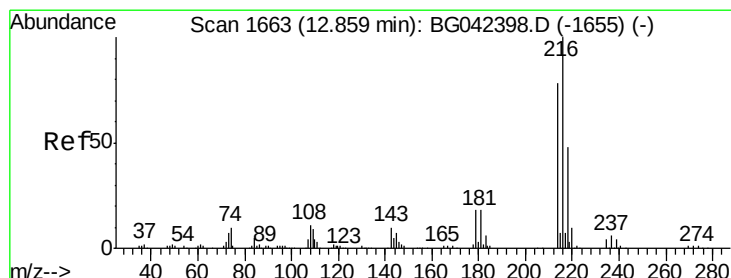
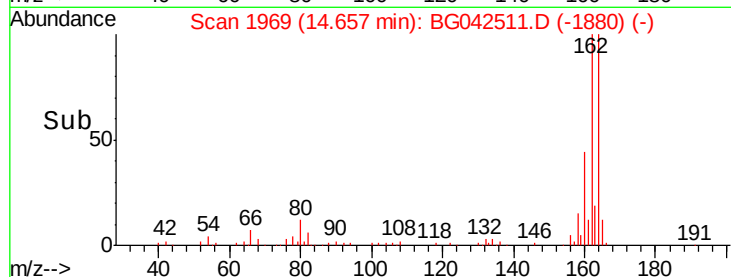
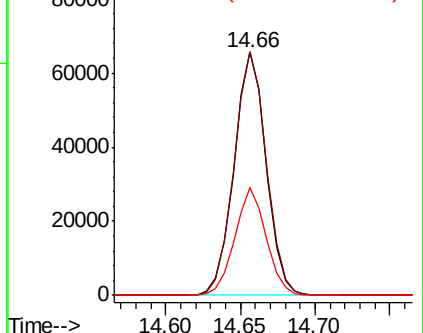
160 44.2 34.3 51.5



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: 22.256 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion:216 Resp: 69957

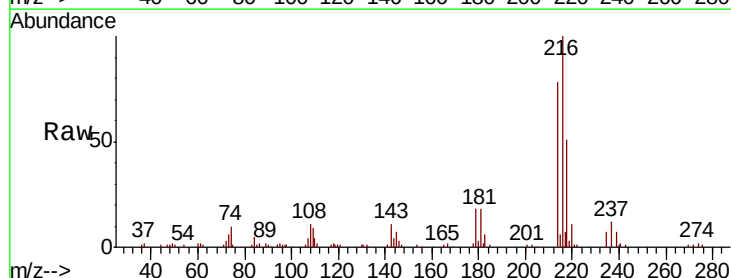
Ion Ratio Lower Upper

216 100

214 76.7 61.4 92.2

179 18.9 15.1 22.7

108 12.3 9.4 14.0

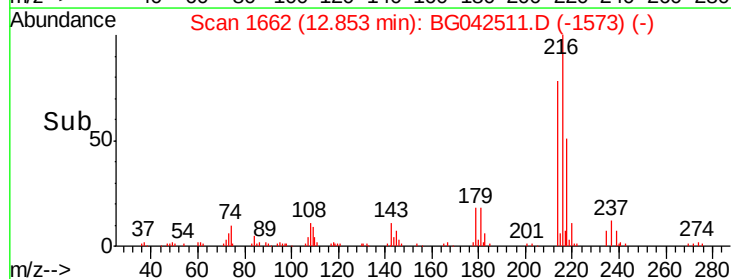
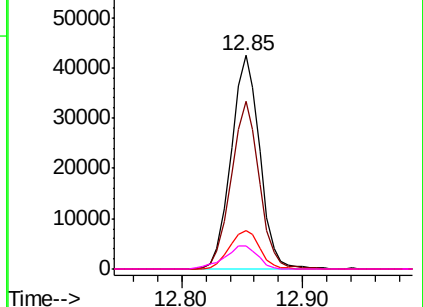


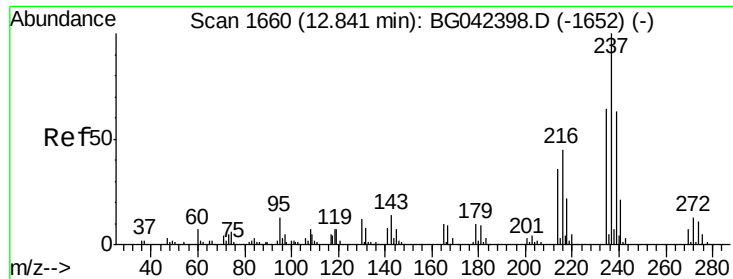
Abundance Ion 216.00 (215.70 to 216.70): E

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

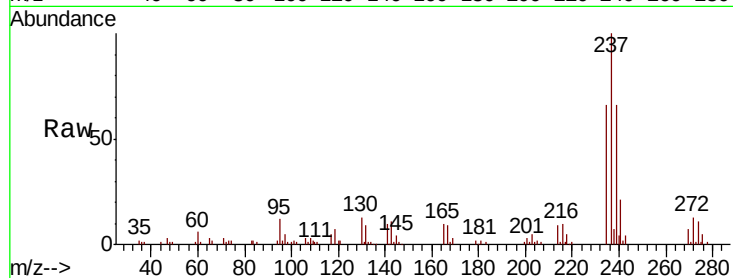




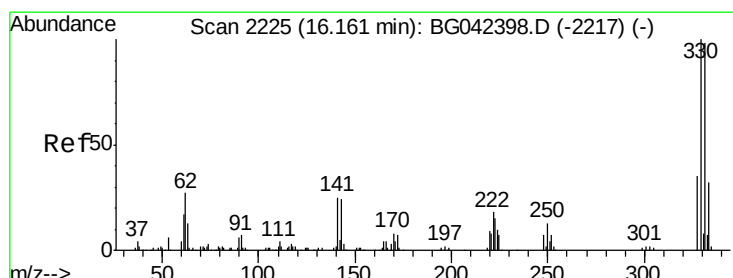
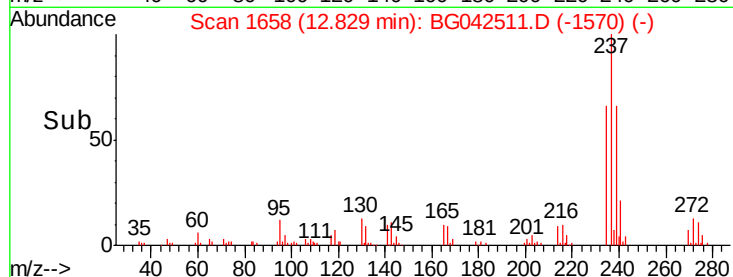
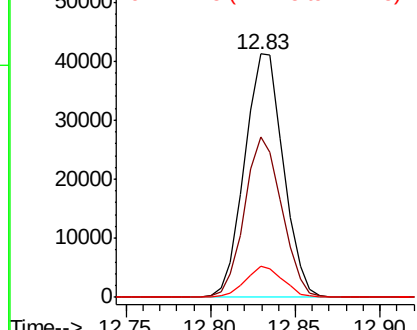
#41
Hexachlorocyclopentadiene
Concen: 39.824 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 65755
Ion Ratio Lower Upper
237 100
235 65.9 43.7 83.7
272 12.6 0.0 33.3

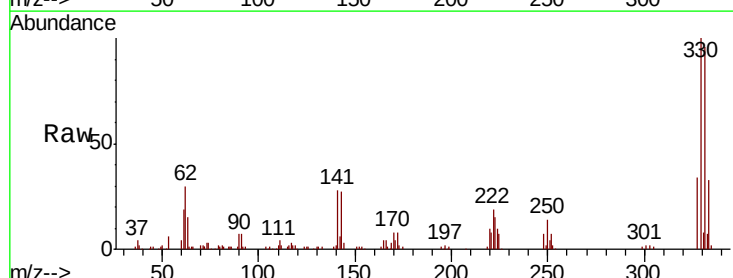


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

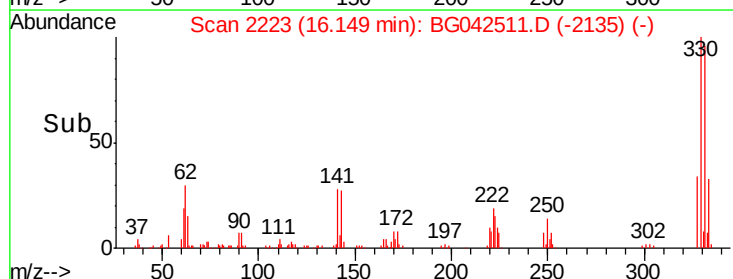
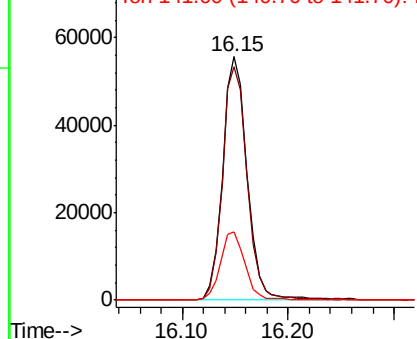


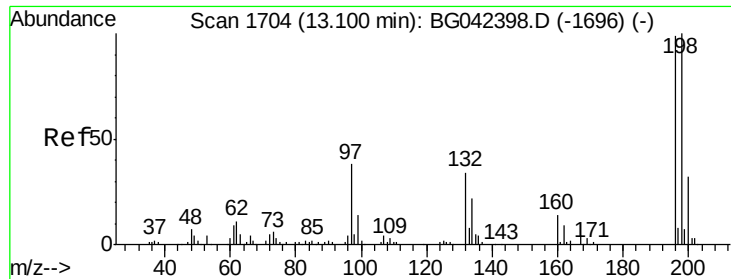
#42
2,4,6-Tribromophenol
Concen: 64.226 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion:330 Resp: 89351
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 28.0 21.4 32.0



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

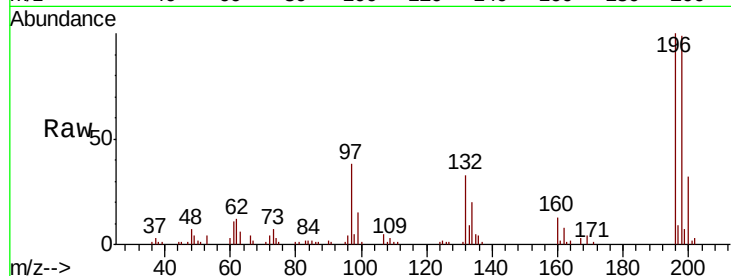




#43
 2,4,6-Trichlorophenol
 Concen: 22.285 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	47347
Ion	Ratio	Lower	Upper
196	100		
198	99.0	80.7	121.1
200	31.9	25.7	38.5

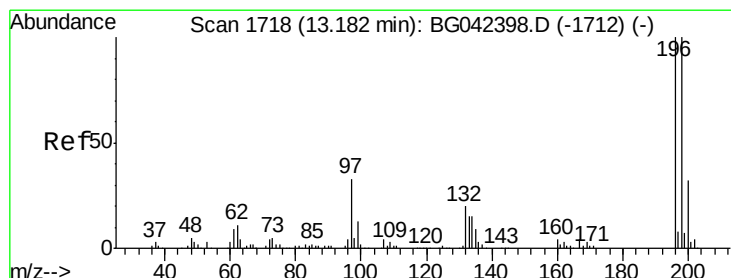
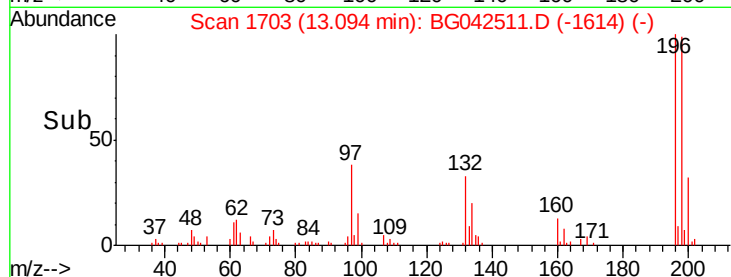
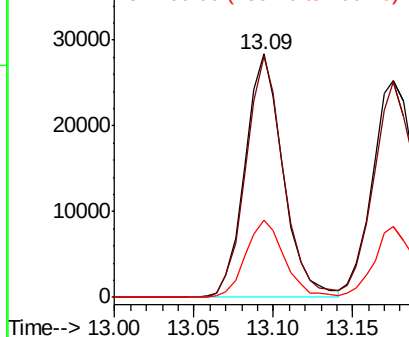


Abundance

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: 23.632 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	196	Resp	52032
Ion	Ratio	Lower	Upper
196	100		
198	99.4	80.2	120.4
97	36.8	26.3	39.5
132	24.7	16.6	24.8

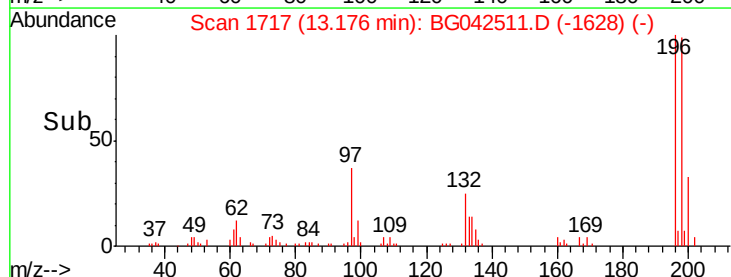
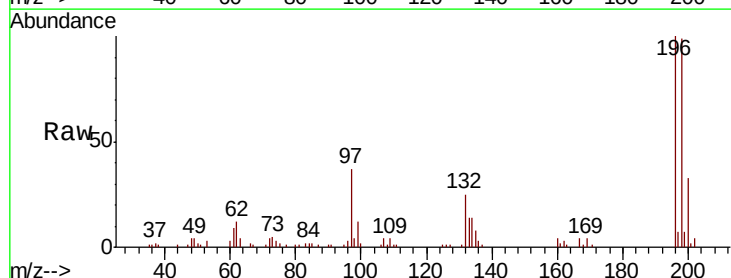
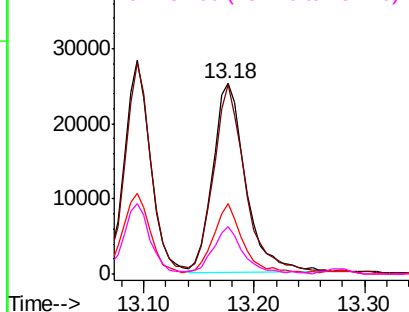
Abundance

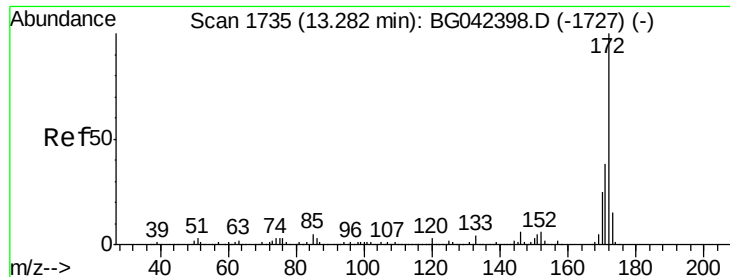
Ion 196.00 (195.70 to 196.70): E

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: 41.925 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampled :

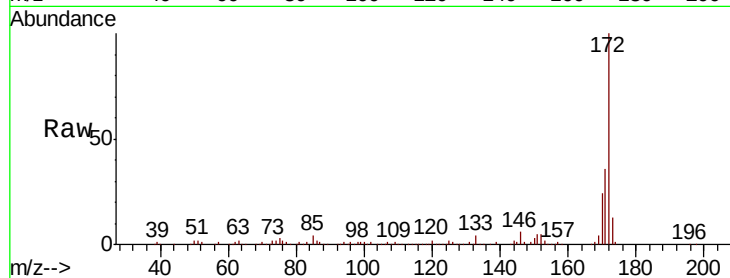
Tot Ion:172 Resp: 242636

Ion Ratio Lower Upper

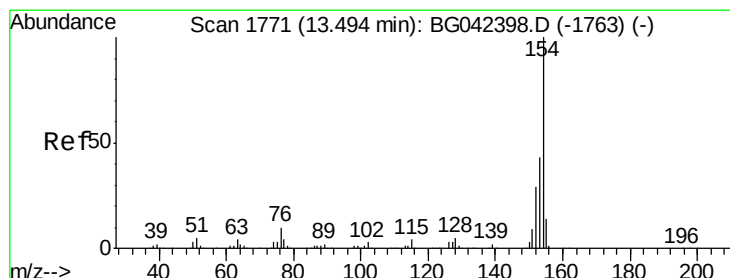
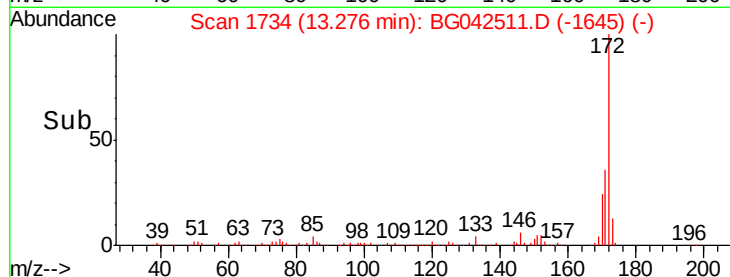
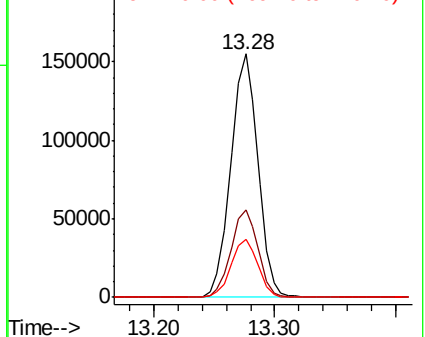
172 100

171 36.0 30.5 45.7

170 23.9 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: 22.768 ng

RT: 13.49 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

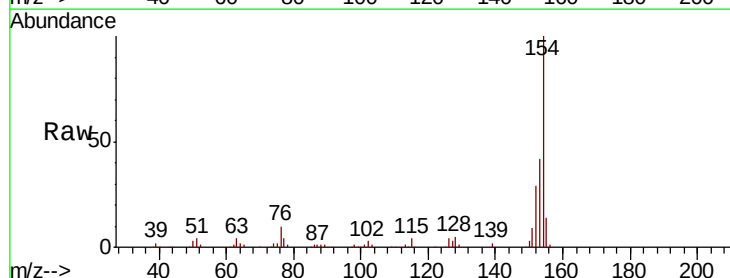
Tgt Ion:154 Resp: 144057

Ion Ratio Lower Upper

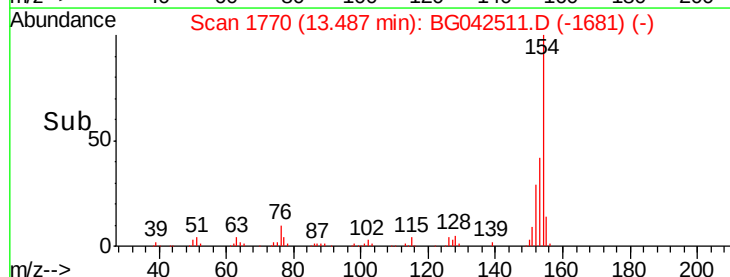
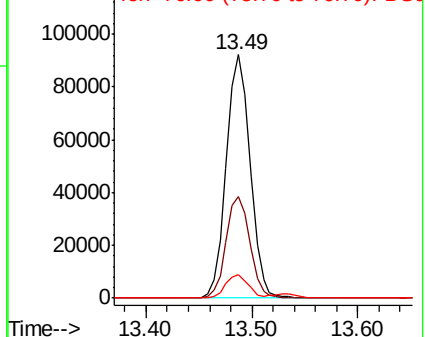
154 100

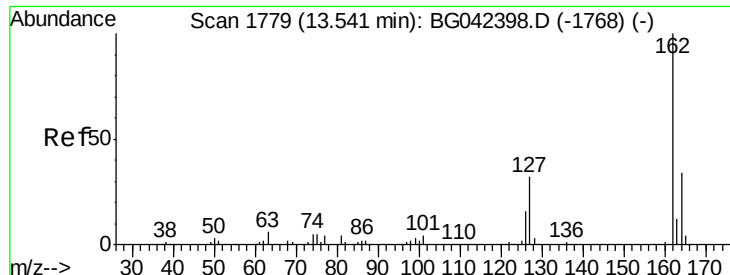
153 41.7 23.0 63.0

76 9.7 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): BGC

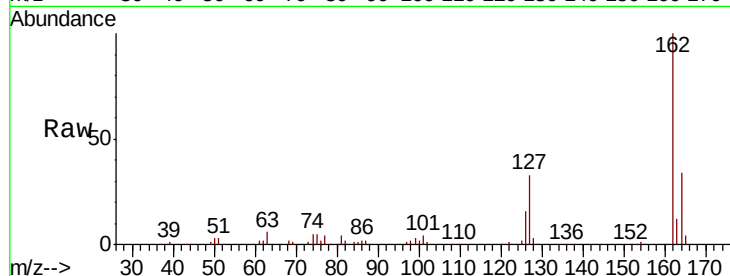




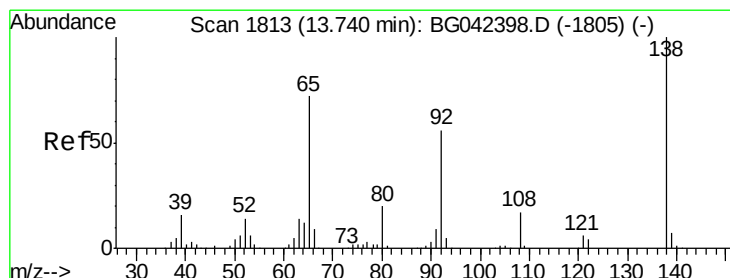
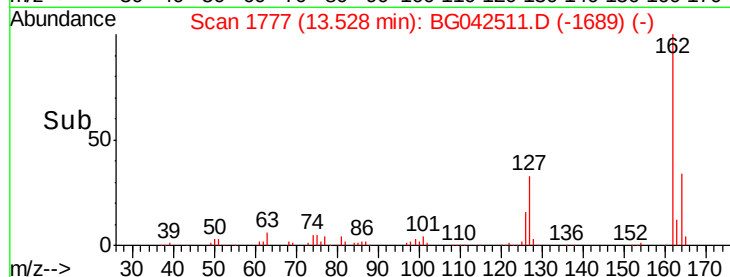
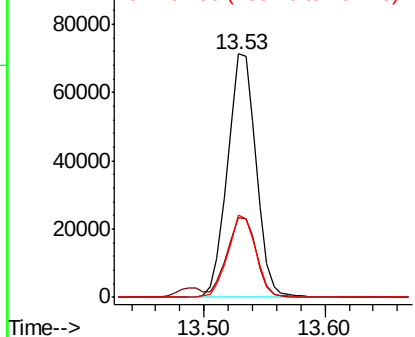
#47
 2-Chloronaphthalene
 Concen: 21.568 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 117665
 Ion Ratio Lower Upper
 162 100
 127 32.9 26.0 39.0
 164 33.9 27.4 41.0

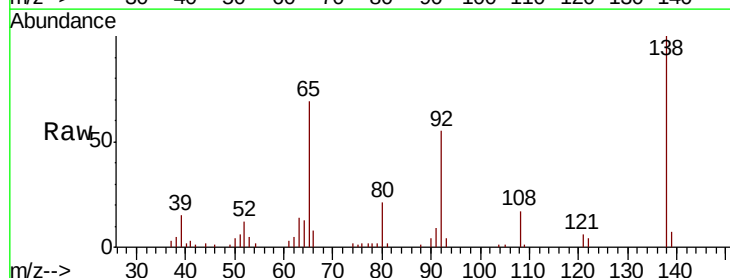


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

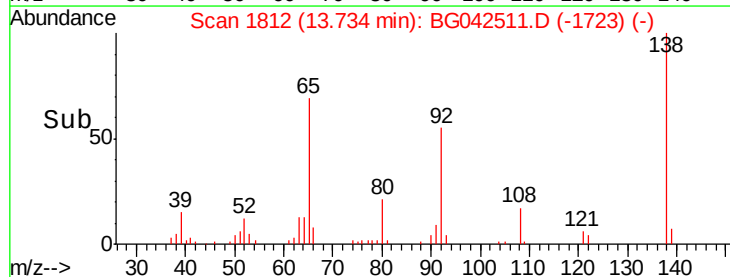
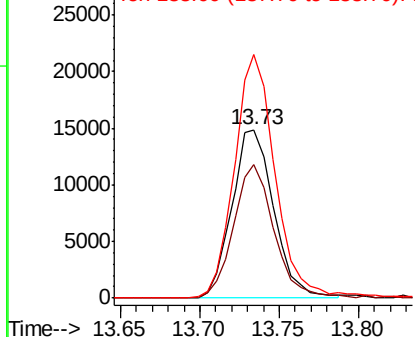


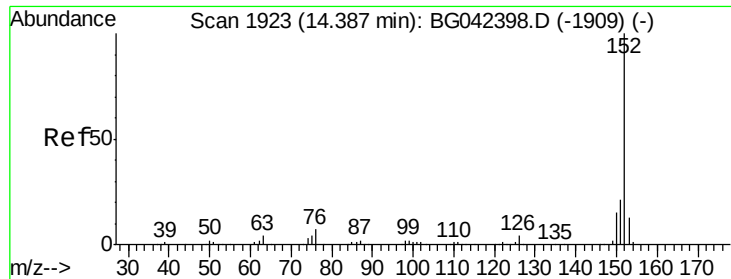
#48
 2-Nitroaniline
 Concen: 20.700 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion: 65 Resp: 27232
 Ion Ratio Lower Upper
 65 100
 92 78.8 61.8 92.6
 138 144.3 111.0 166.6



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: 23.229 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

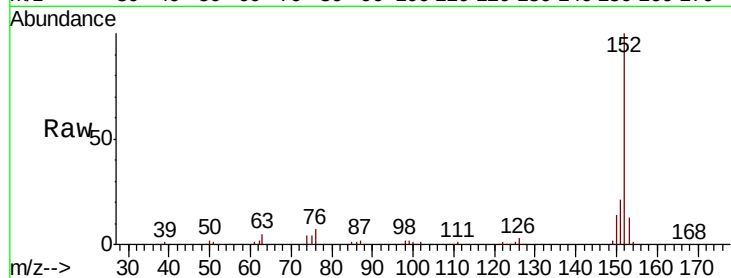
Tot Ion:152 Resp: 190654

Ion Ratio Lower Upper

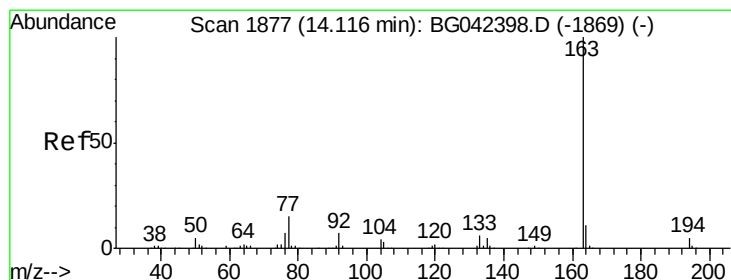
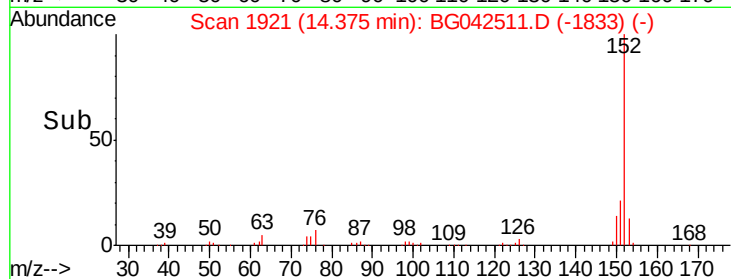
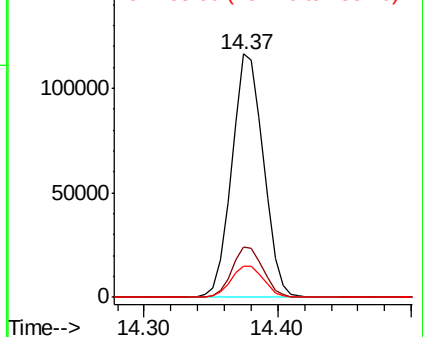
152 100

151 20.8 17.0 25.4

153 12.9 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: 26.167 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

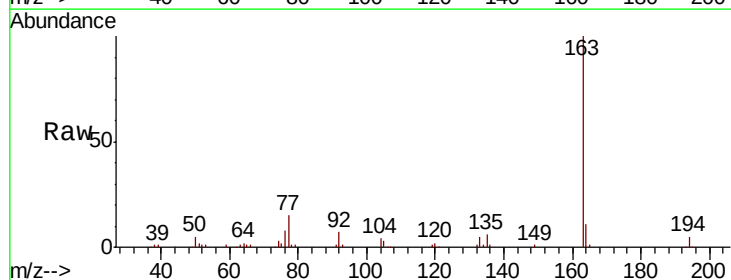
Tgt Ion:163 Resp: 184799

Ion Ratio Lower Upper

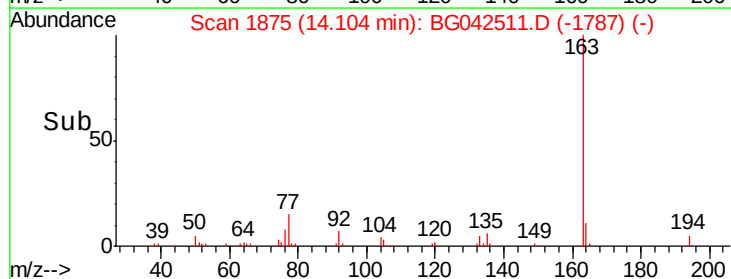
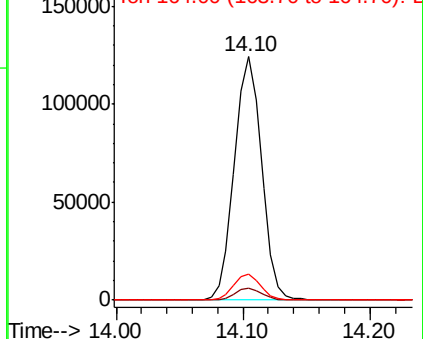
163 100

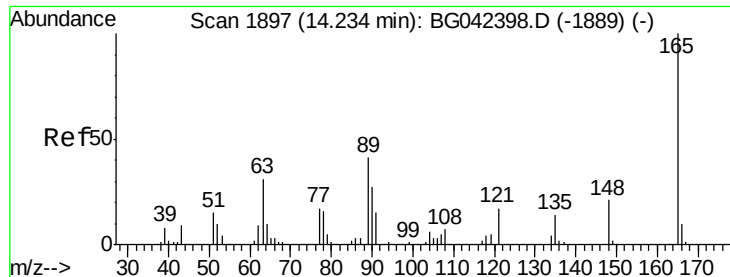
194 4.8 4.2 6.2

164 10.7 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

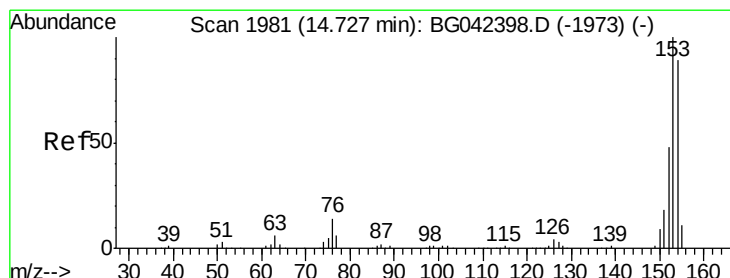
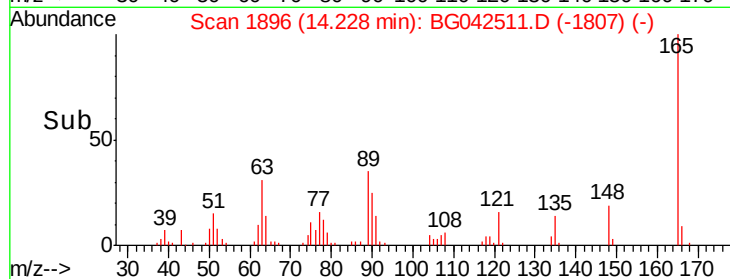
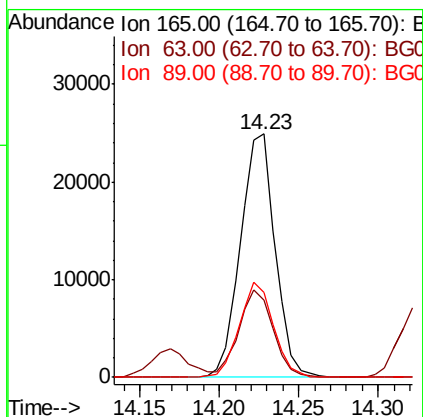
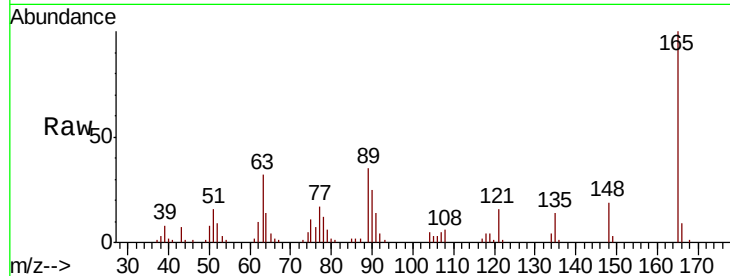




#51
 2,6-Dinitrotoluene
 Concen: 23.050 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

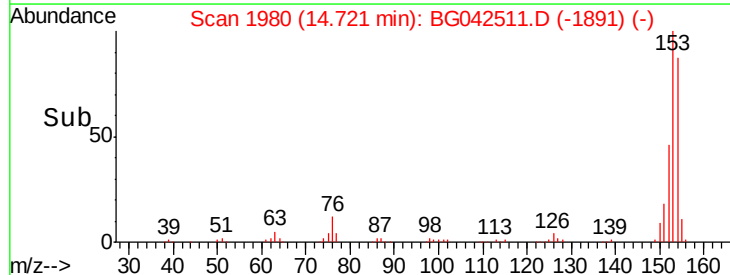
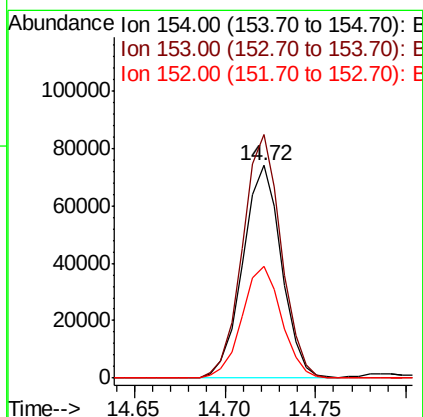
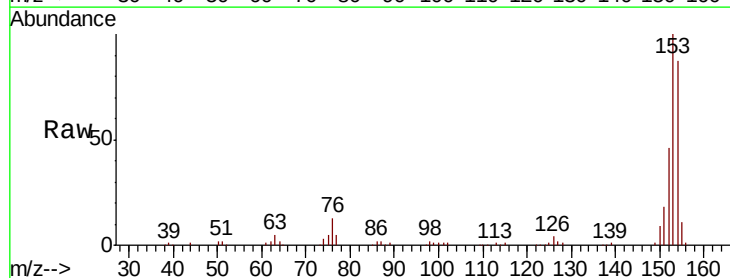
Instrument :
 BNA_G
 ClientSampleId :

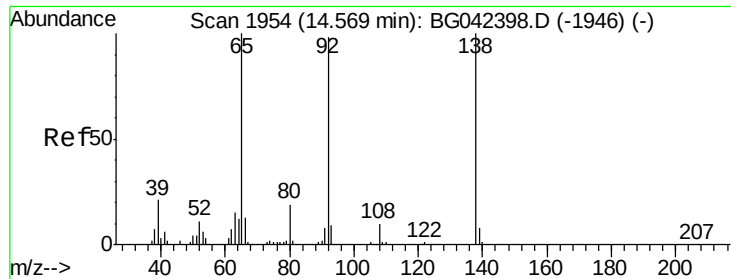
Tot Ion:165 Resp: 37733
 Ion Ratio Lower Upper
 165 100
 63 31.9 30.6 45.8
 89 35.0 32.6 49.0



#52
 Acenaphthene
 Concen: 22.129 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion:154 Resp: 110288
 Ion Ratio Lower Upper
 154 100
 153 114.5 90.2 135.4
 152 52.4 43.2 64.8





#53

3-Nitroaniline

Concen: 17.087 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

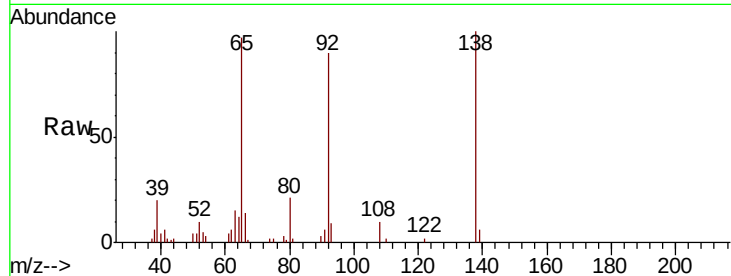
Tot Ion:138 Resp: 27975

Ion Ratio Lower Upper

138 100

108 10.0 8.3 12.5

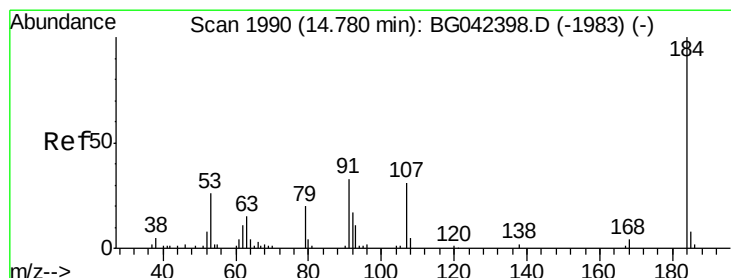
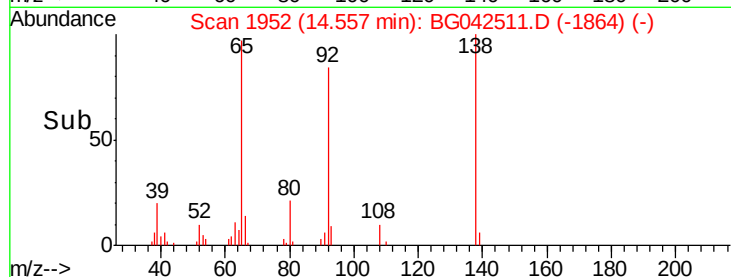
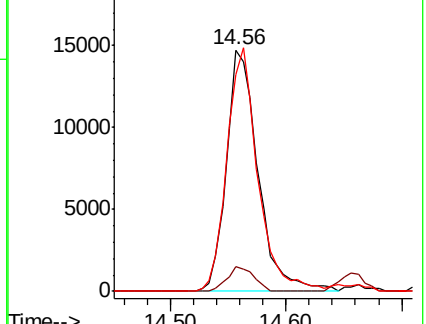
92 89.6 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 12.635 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

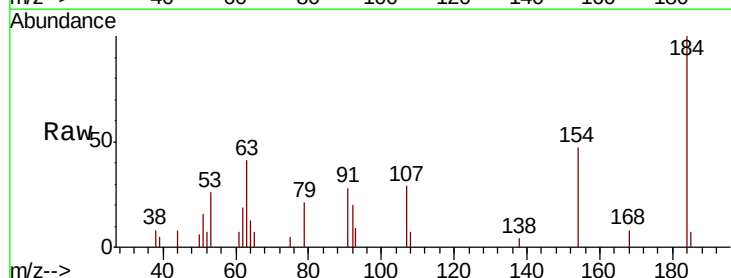
Tgt Ion:184 Resp: 7631

Ion Ratio Lower Upper

184 100

63 41.4 31.7 47.5

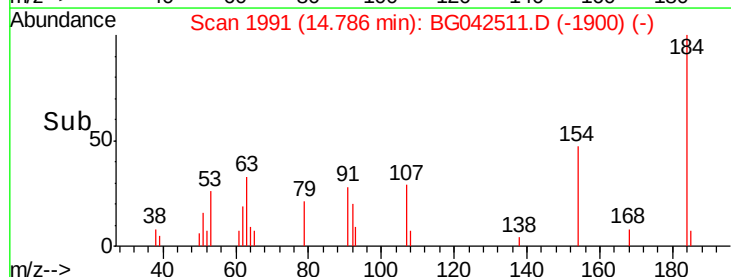
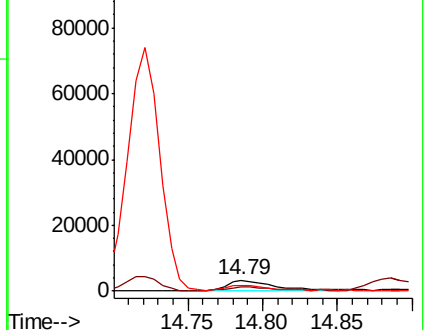
154 47.2 42.0 63.0

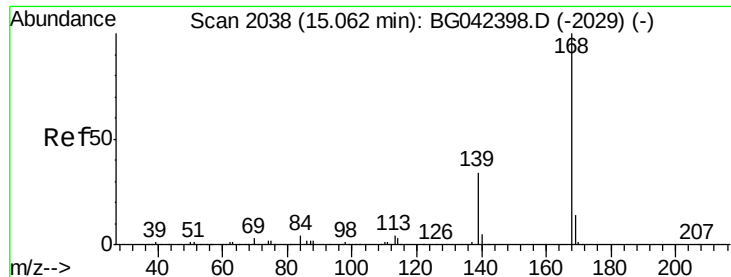


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

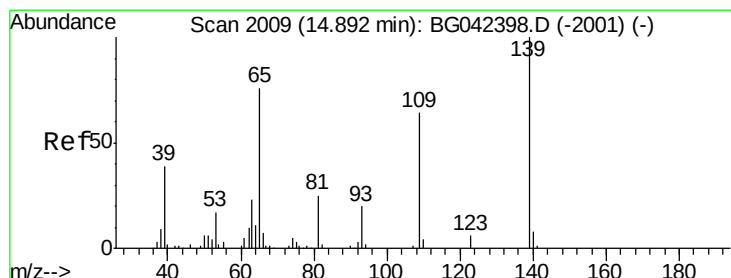
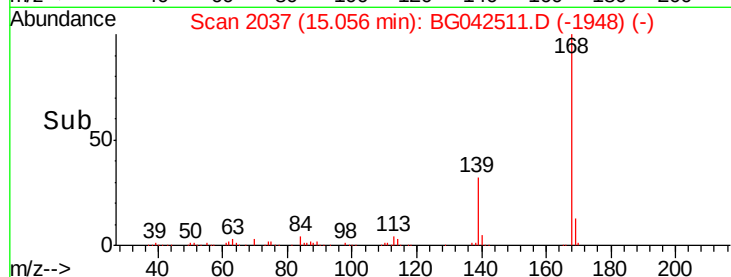
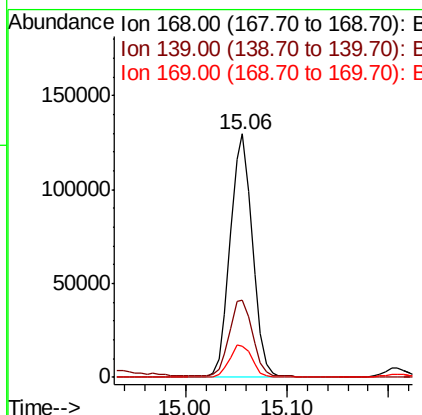
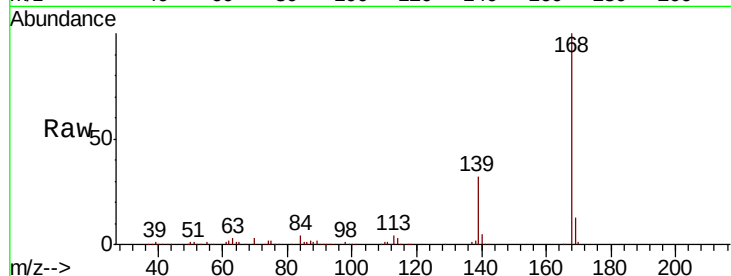




#55
Dibenzofuran
Concen: 23.949 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

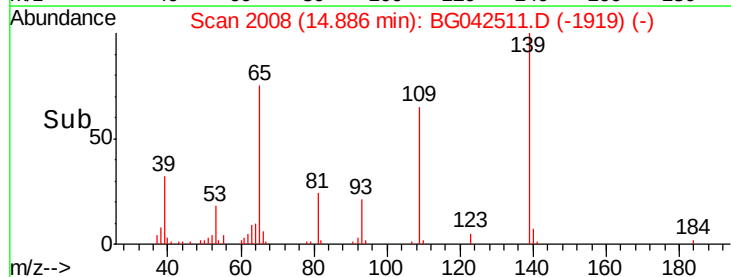
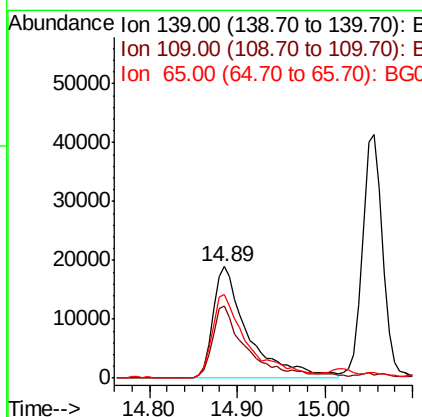
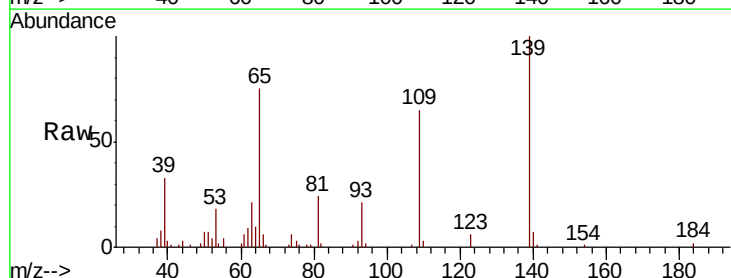
Instrument :
BNA_G
ClientSampleId :

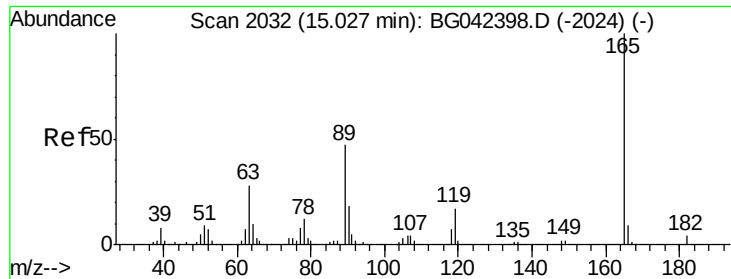
Tot Ion:168 Resp: 197573
Ion Ratio Lower Upper
168 100
139 31.9 27.2 40.8
169 13.0 11.5 17.3



#56
4-Nitrophenol
Concen: 45.183 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion:139 Resp: 52563
Ion Ratio Lower Upper
139 100
109 64.9 43.9 83.9
65 75.1 56.3 96.3

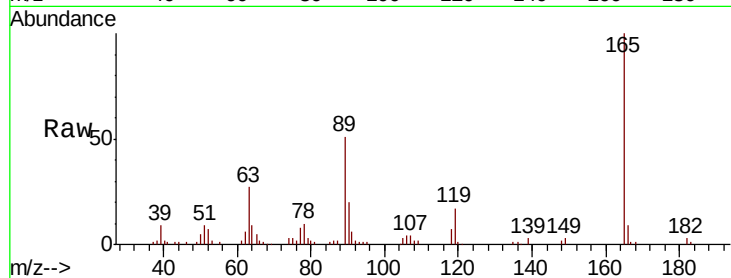




#57
2,4-Dinitrotoluene
Concen: 23.270 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	27.1	22.5	33.7
89	50.6	37.8	56.6
182	3.3	3.0	4.4



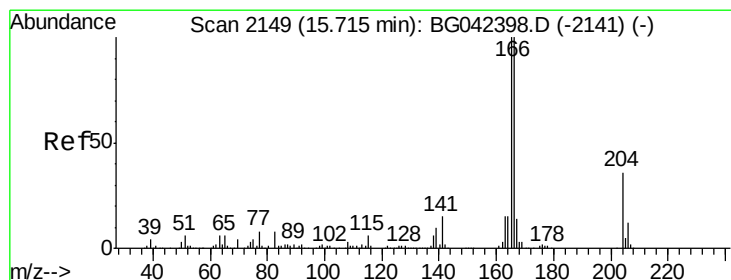
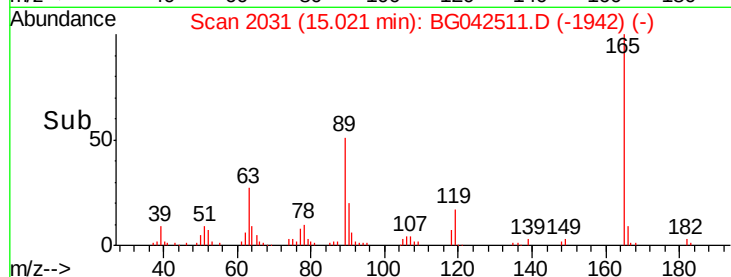
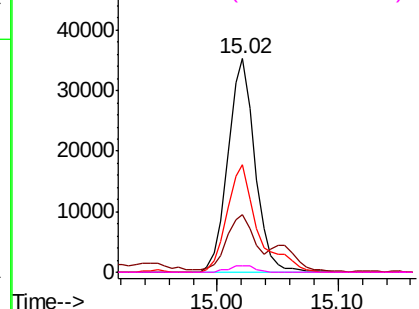
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

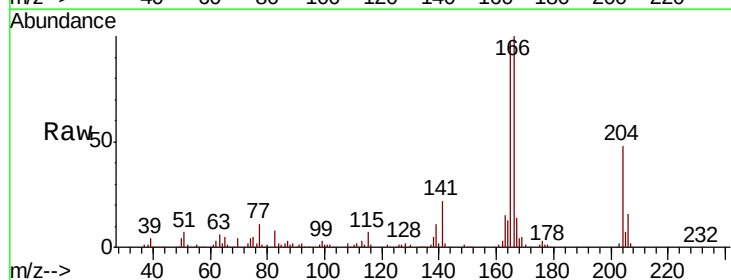
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 24.072 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	79.7	119.5
167	13.7	10.9	16.3

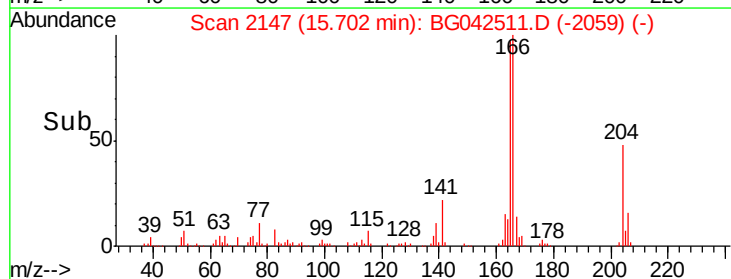
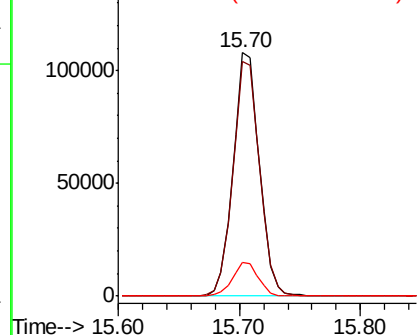


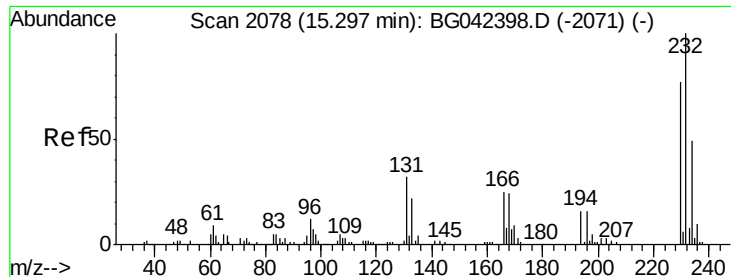
Abundance

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

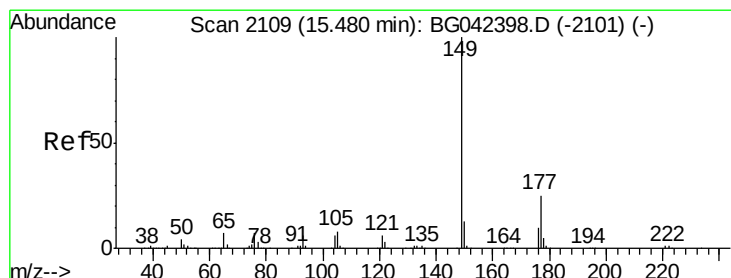
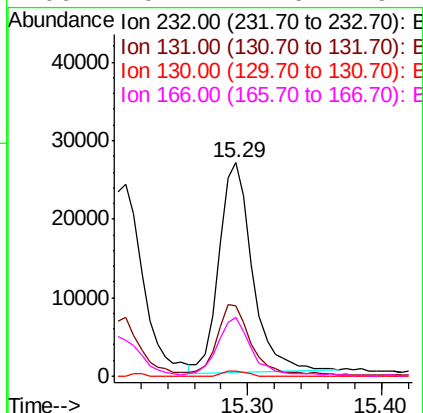
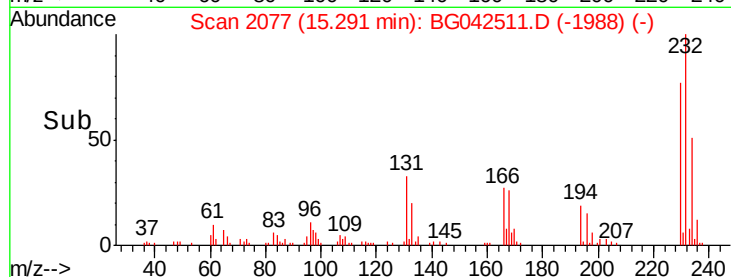
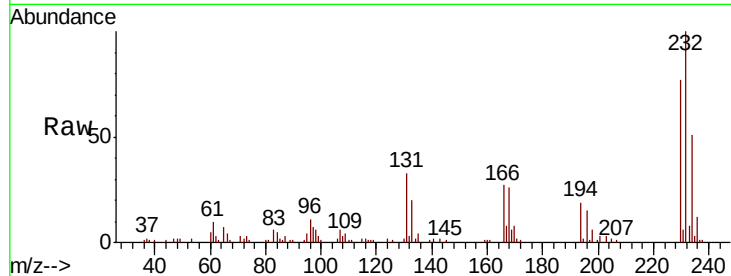




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 21.604 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

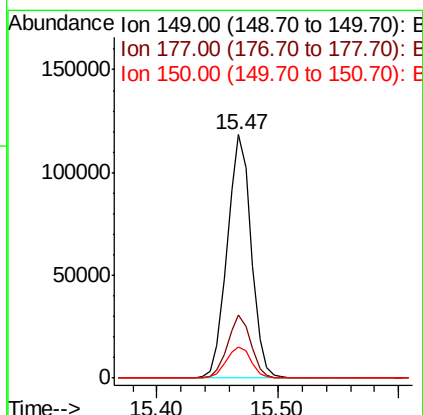
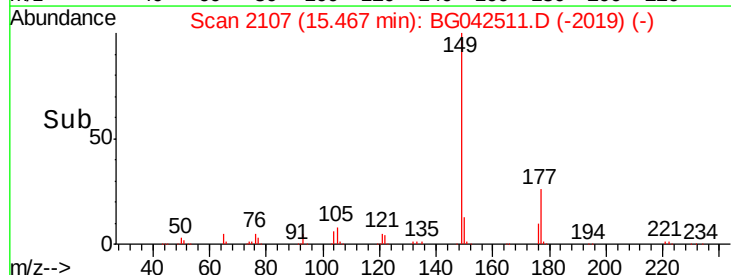
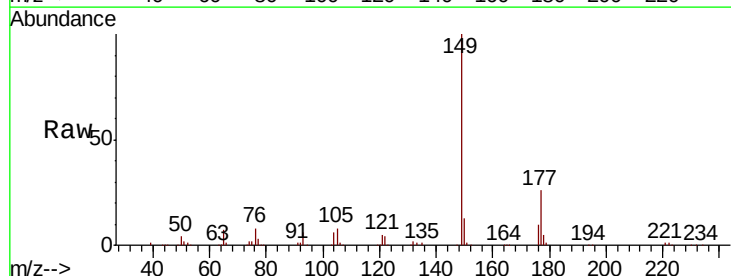
Instrument :
 BNA_G
 ClientSampleId :

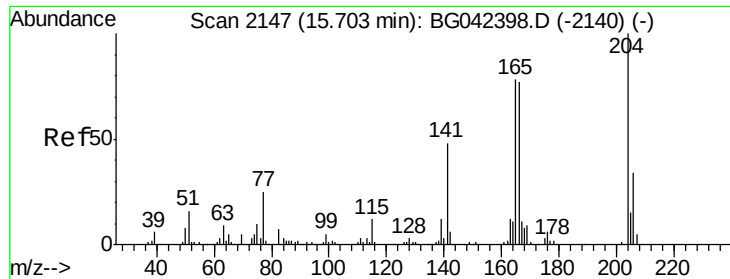
Tot Ion:232 Resp: 47039
 Ion Ratio Lower Upper
 232 100
 131 32.7 22.9 34.3
 130 1.8 1.4 2.0
 166 29.7 17.0 25.4#



#60
 Diethylphthalate
 Concen: 23.578 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion:149 Resp: 162781
 Ion Ratio Lower Upper
 149 100
 177 26.0 20.4 30.6
 150 12.9 10.3 15.5

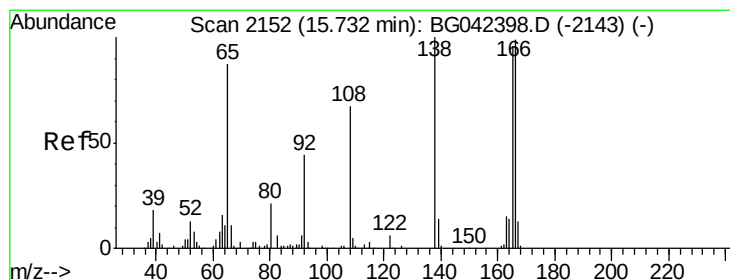
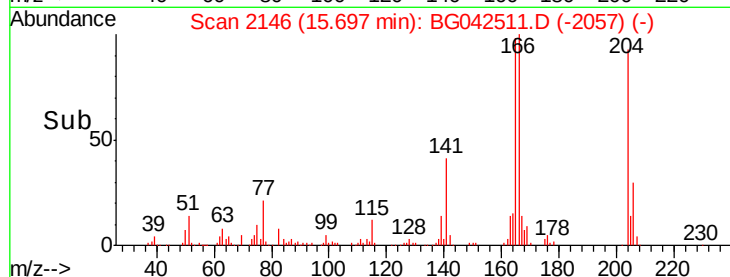
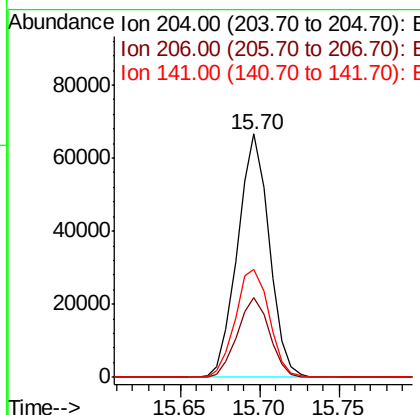
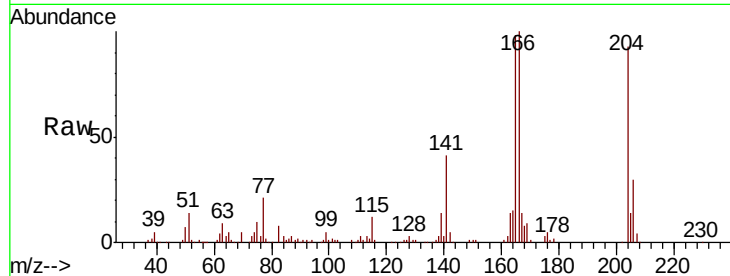




#61
 4-Chlorophenyl-phenylether
 Concen: 22.703 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

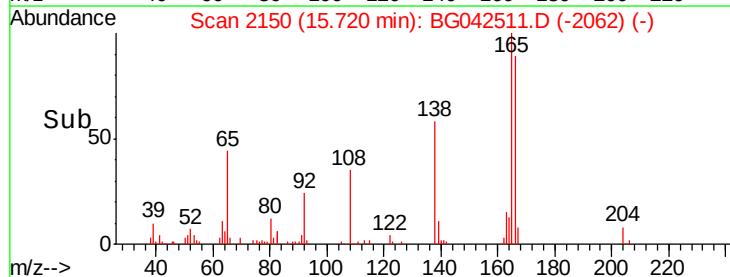
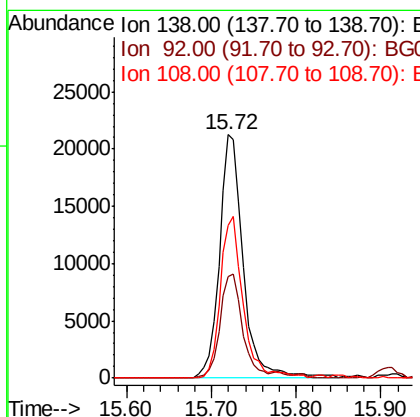
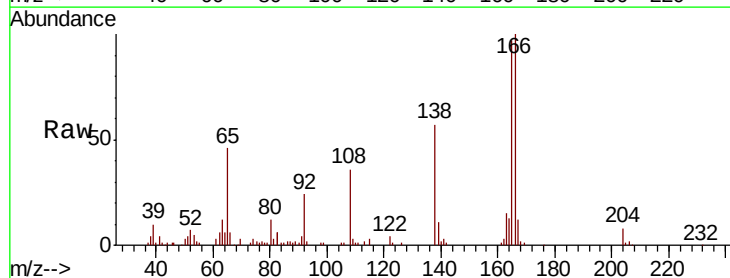
Instrument :
 BNA_G
 ClientSampleID :

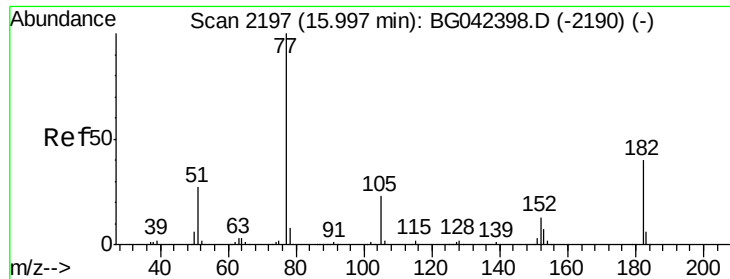
Tot Ion:204 Resp: 92291
 Ion Ratio Lower Upper
 204 100
 206 32.8 27.2 40.8
 141 44.4 38.7 58.1



#62
 4-Nitroaniline
 Concen: 23.680 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion:138 Resp: 41491
 Ion Ratio Lower Upper
 138 100
 92 41.7 24.2 64.2
 108 62.8 46.8 86.8





#63

Azobenzene

Concen: 23.573 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 111515

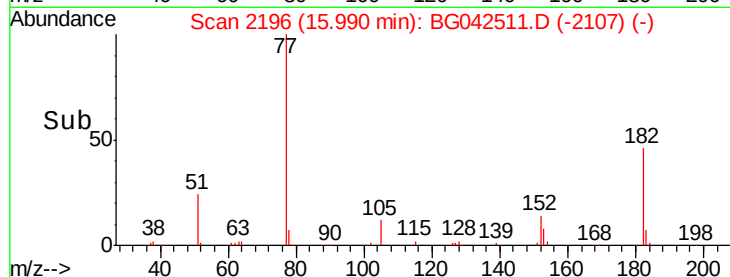
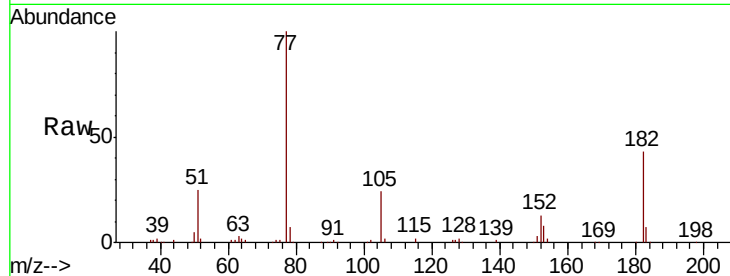
Ion Ratio Lower Upper

77 100

182 43.2 19.9 59.9

105 24.1 2.9 42.9

51 25.4 7.6 47.6

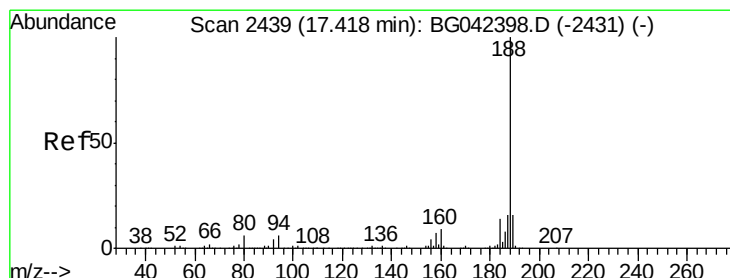
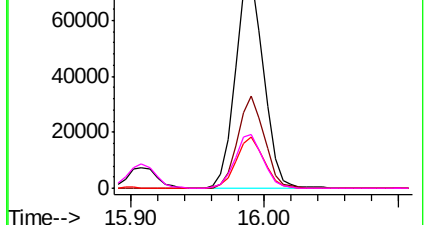


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

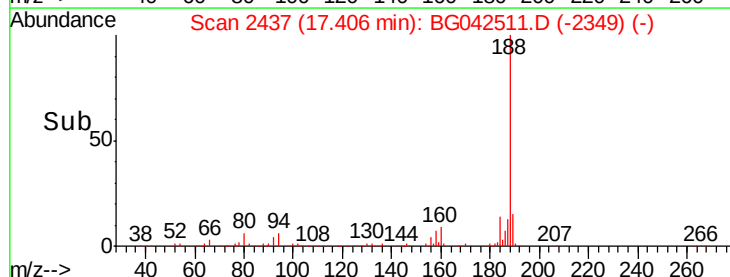
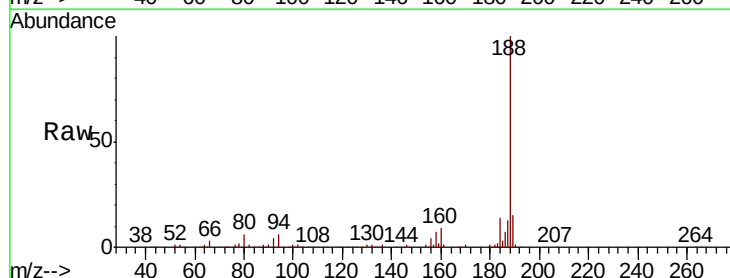
Tgt Ion: 188 Resp: 243333

Ion Ratio Lower Upper

188 100

94 5.9 4.5 6.7

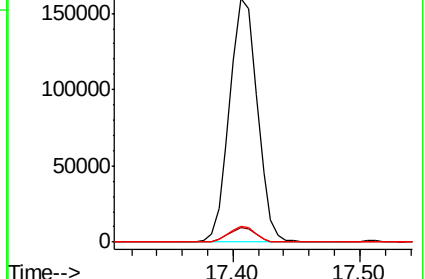
80 6.4 4.9 7.3

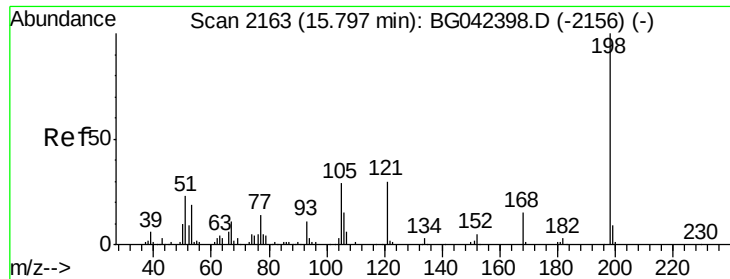


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

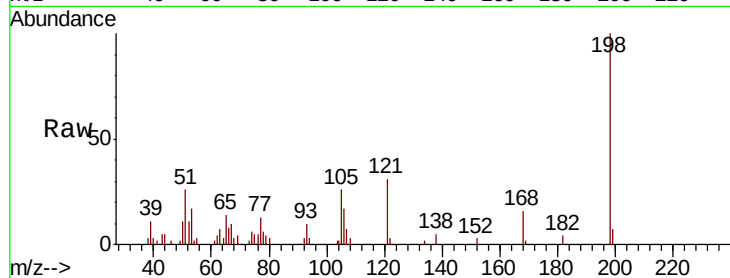




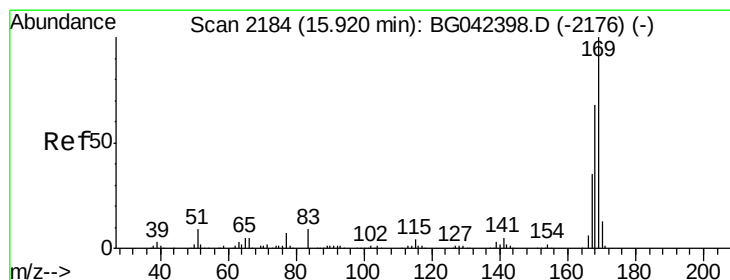
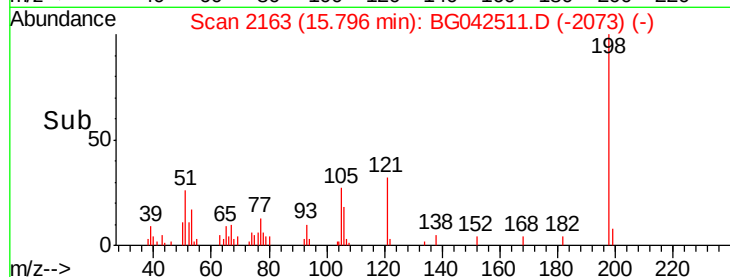
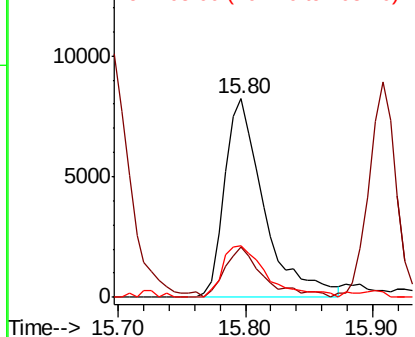
#65
4,6-Dinitro-2-methylphenol
Concen: 11.597 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	25.7	4.2	44.2
105	26.0	8.8	48.8

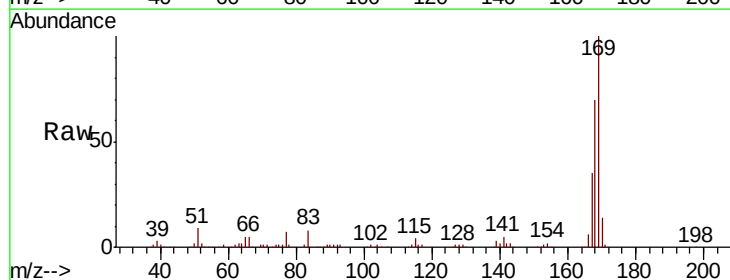


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

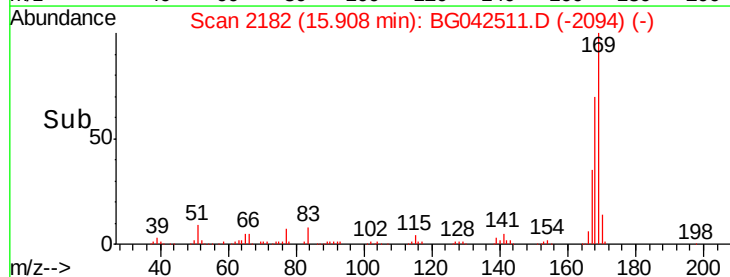
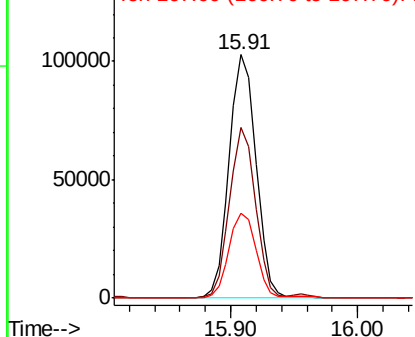


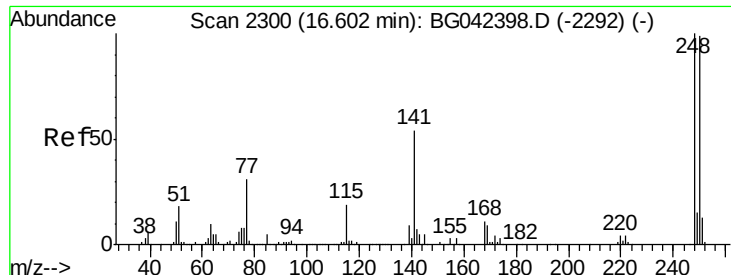
#66
n-Nitrosodiphenylamine
Concen: 22.606 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.1	54.3	81.5
167	34.9	28.2	42.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

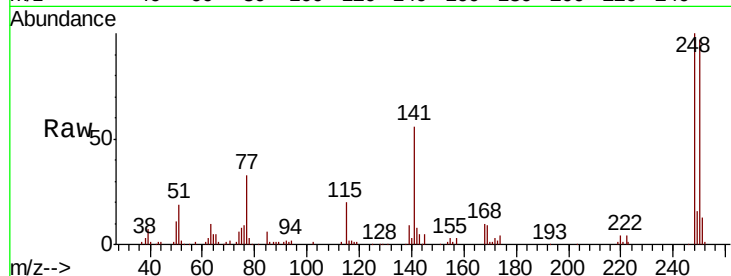




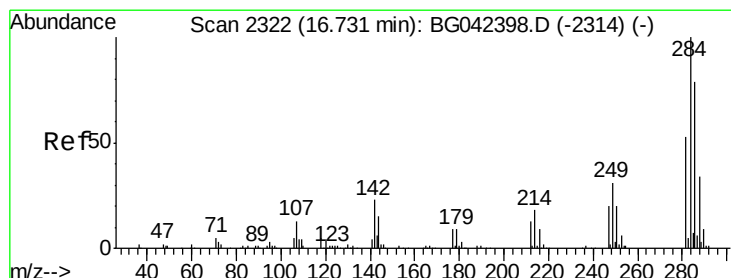
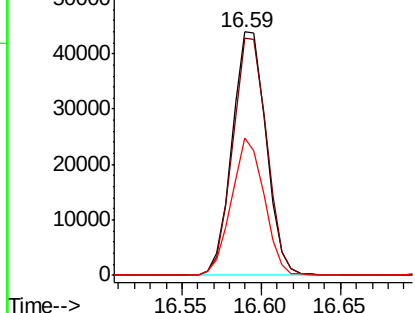
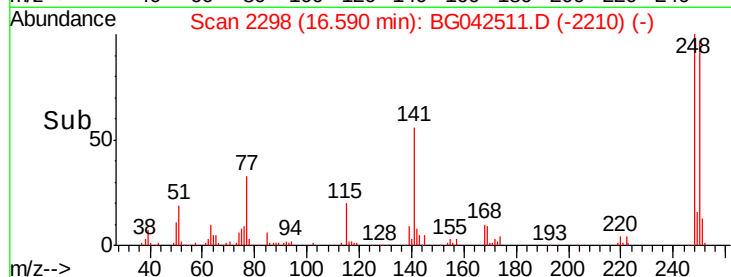
#67
 4-Bromophenyl-phenylether
 Concen: 21.087 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 65085
 Ion Ratio Lower Upper
 248 100
 250 97.5 78.9 118.3
 141 56.5 43.3 64.9

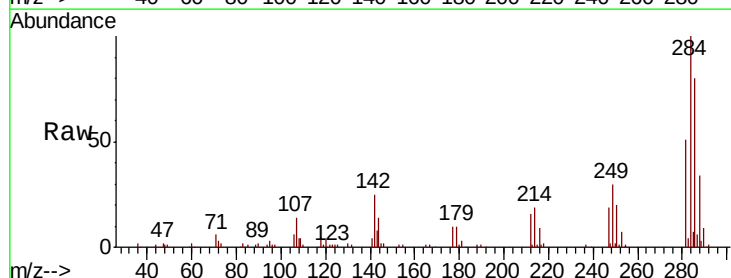


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

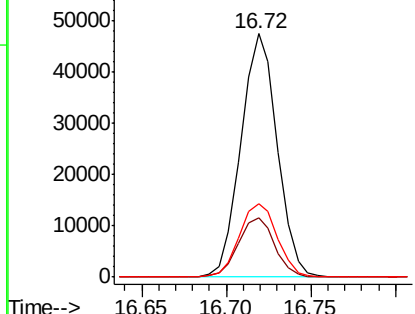
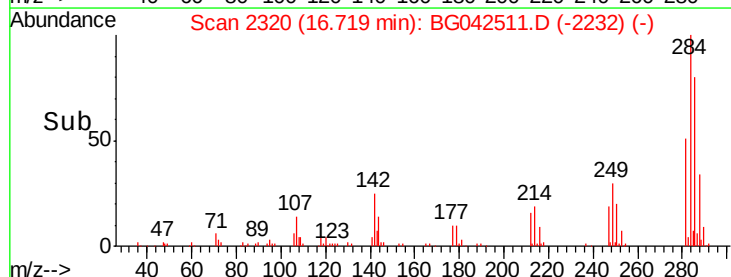


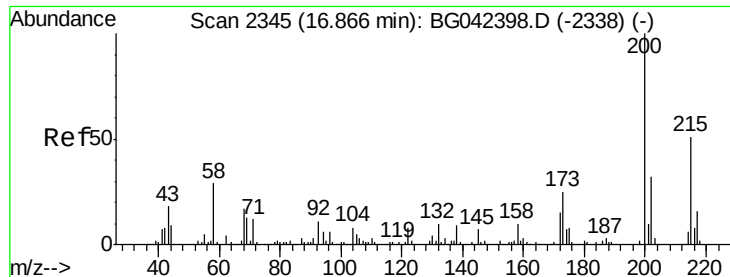
#68
 Hexachlorobenzene
 Concen: 21.070 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion:284 Resp: 70695
 Ion Ratio Lower Upper
 284 100
 142 24.5 18.2 27.4
 249 30.2 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: 25.256 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

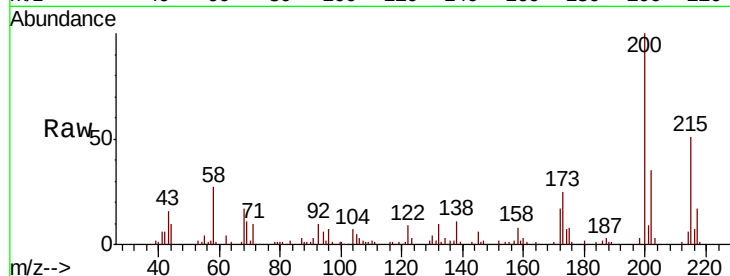
Tot Ion:200 Resp: 59767

Ion Ratio Lower Upper

200 100

173 24.6 4.9 44.9

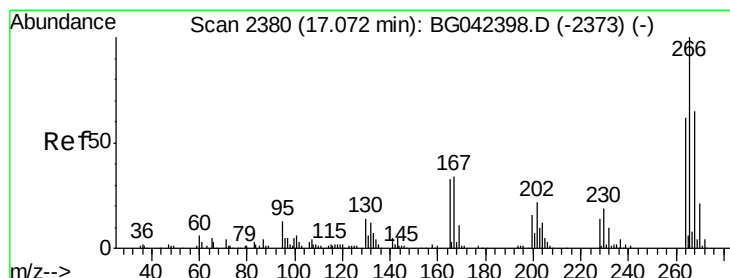
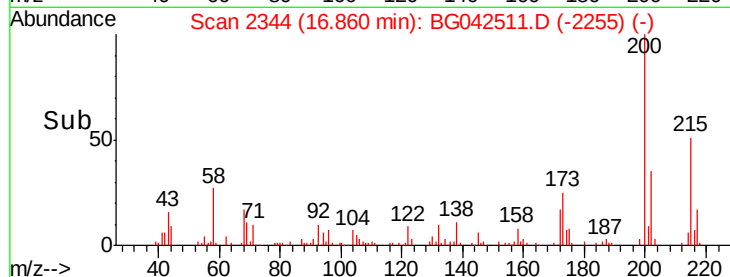
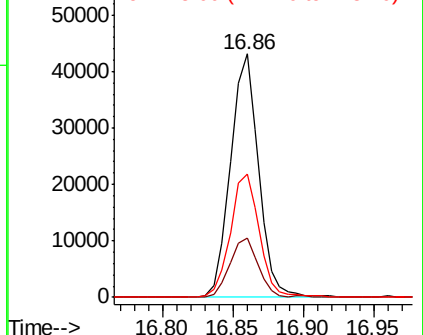
215 50.9 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 21.883 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

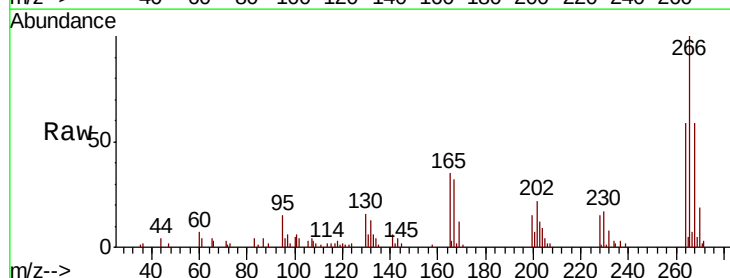
Tgt Ion:266 Resp: 38149

Ion Ratio Lower Upper

266 100

268 59.5 52.1 78.1

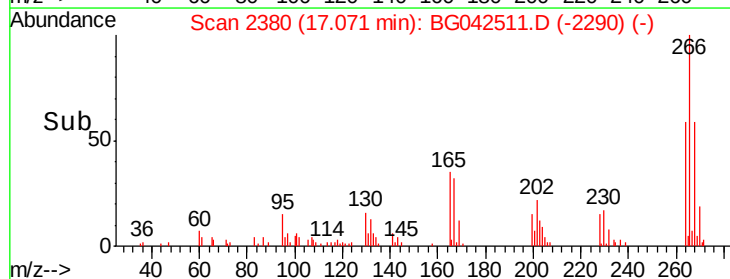
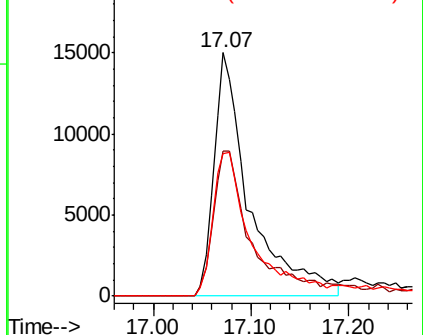
264 58.6 49.4 74.2

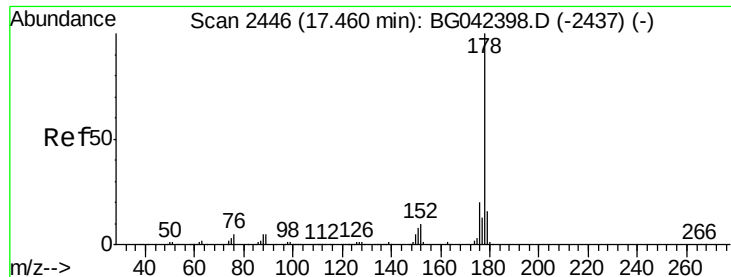


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

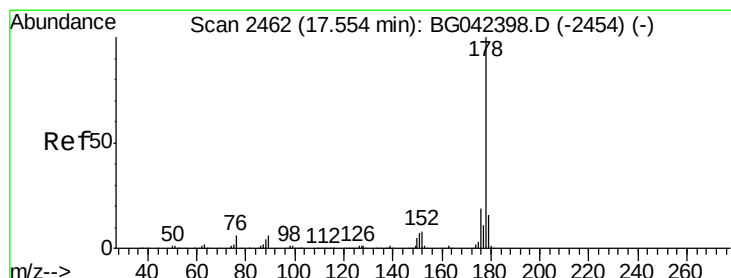
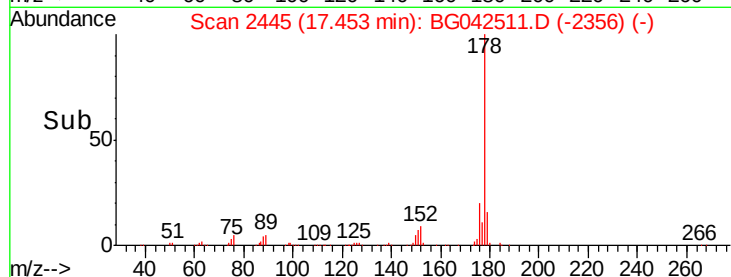
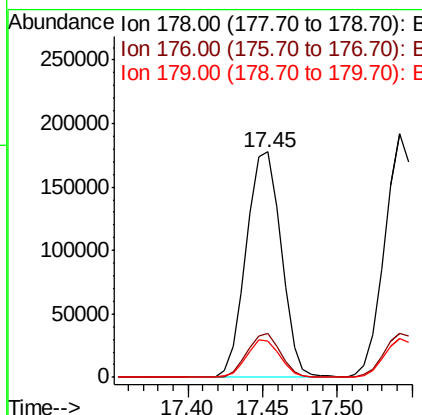
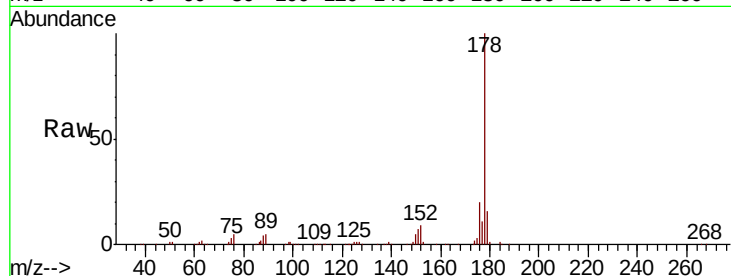




#71
Phenanthrene
Concen: 23.860 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

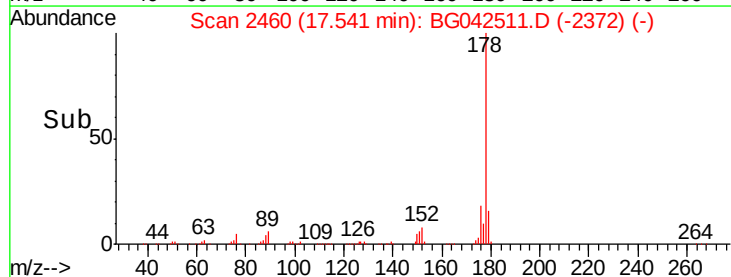
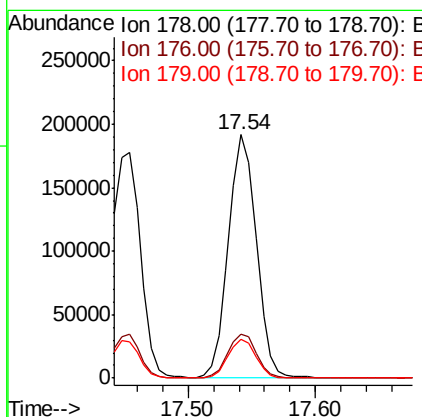
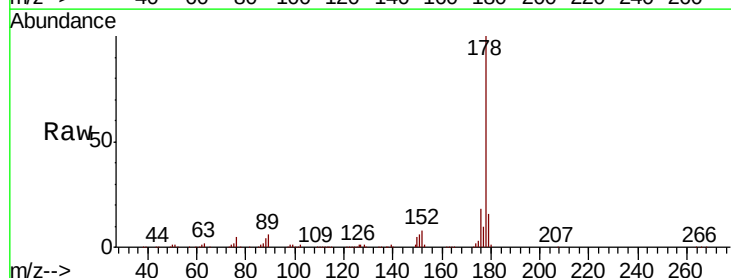
Instrument :
BNA_G
ClientSampleId :

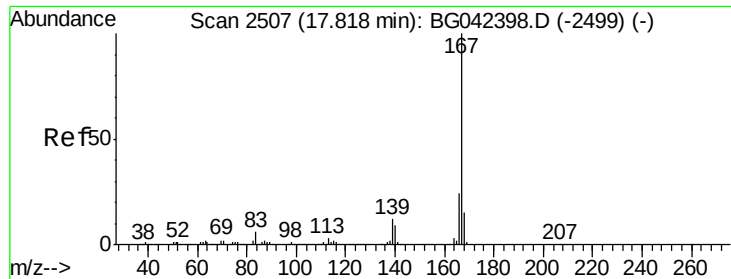
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.3	12.7	19.1



#72
Anthracene
Concen: 24.227 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.5	23.3
179	15.8	12.9	19.3

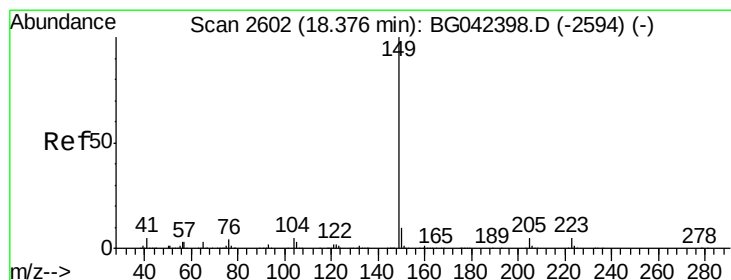
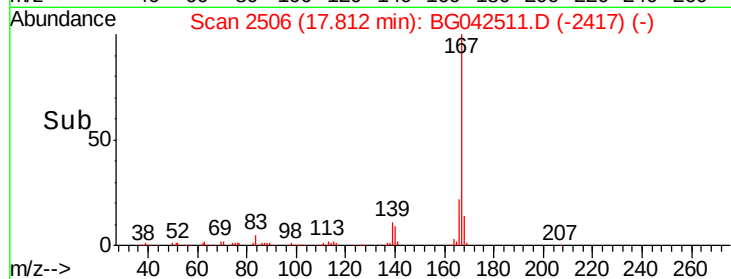
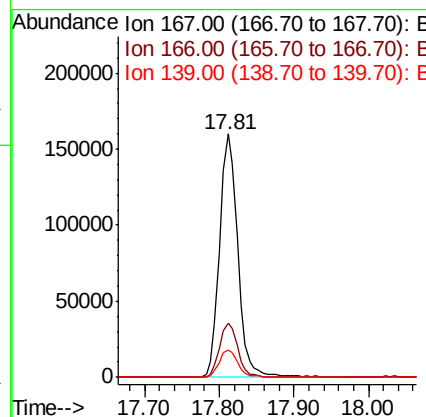
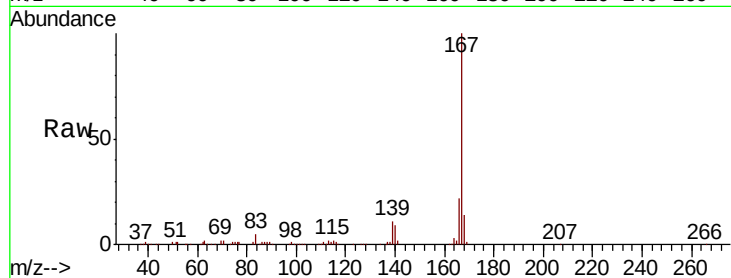




#73
 Carbazole
 Concen: 25.190 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

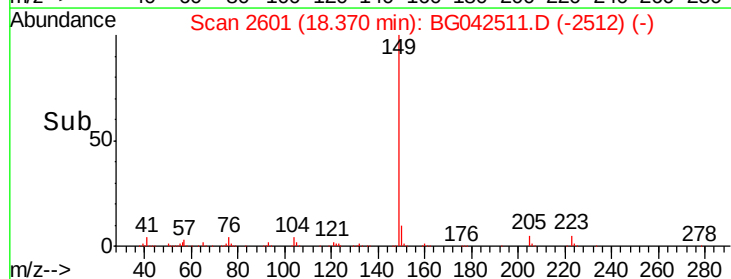
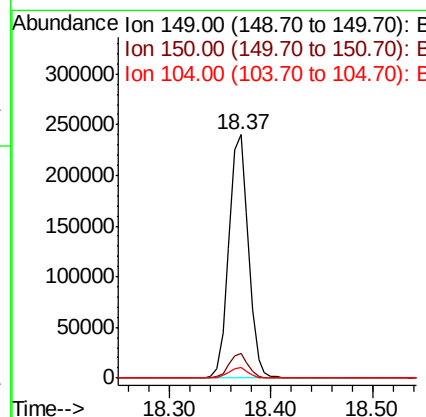
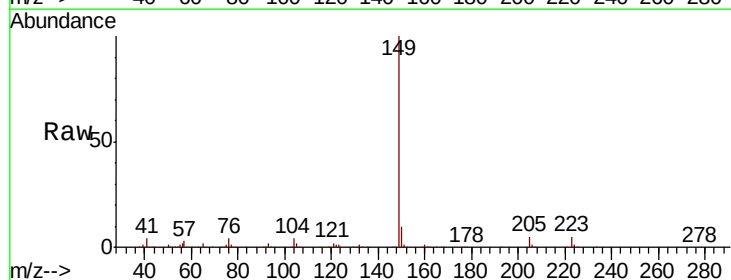
Instrument :
 BNA_G
 ClientSampleId :

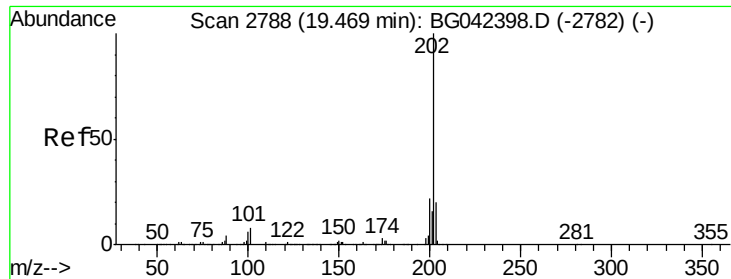
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.9	28.3
139	11.4	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 25.220 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	4.1	3.7	5.5





#75

Fluoranthene

Concen: 27.629 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042511.D

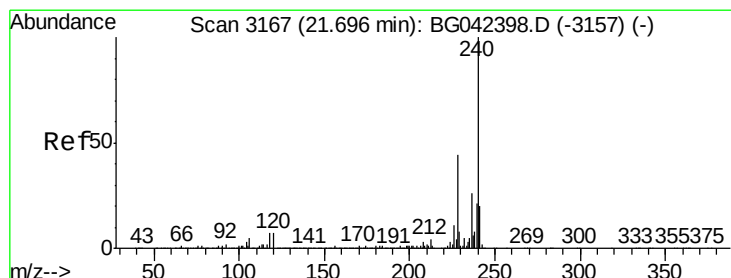
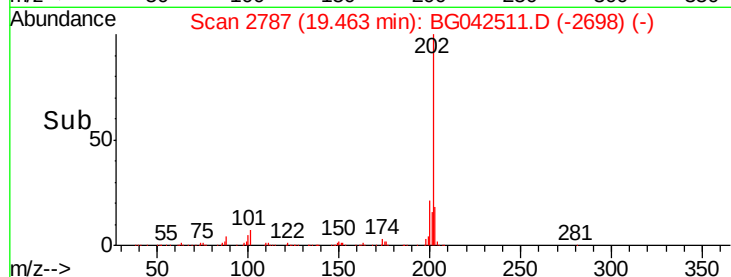
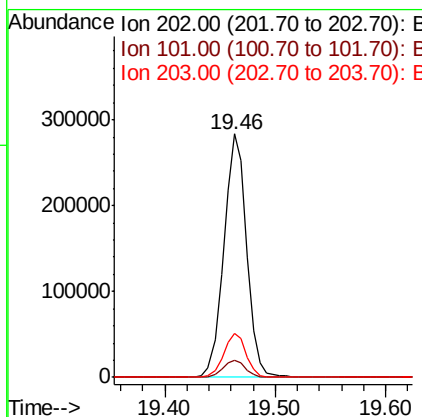
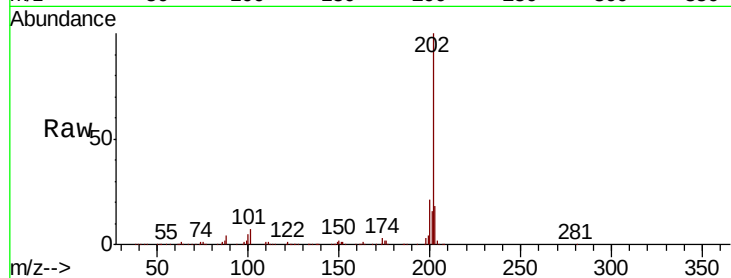
Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	407559
Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.3
203	17.9	0.0	39.6



#76

Chrysene-d12

Concen: 20.000 ng

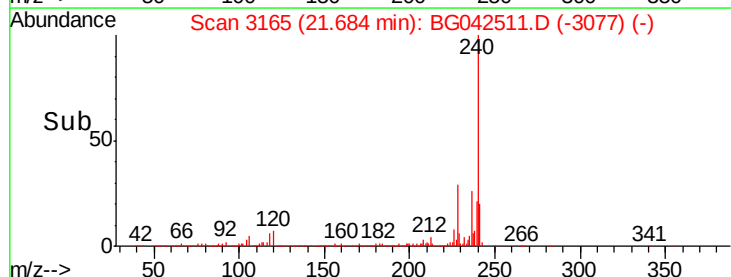
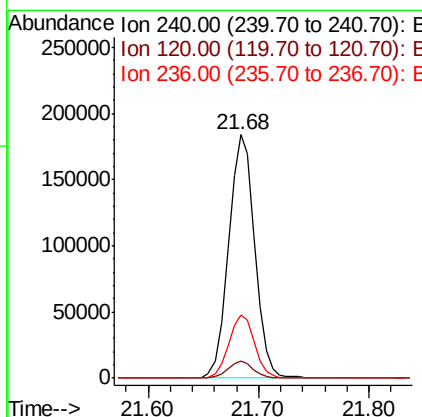
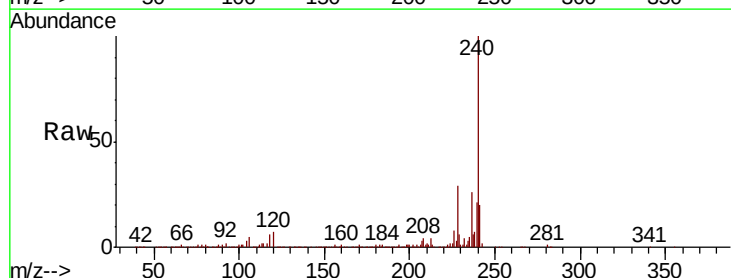
RT: 21.68 min Scan# 3165

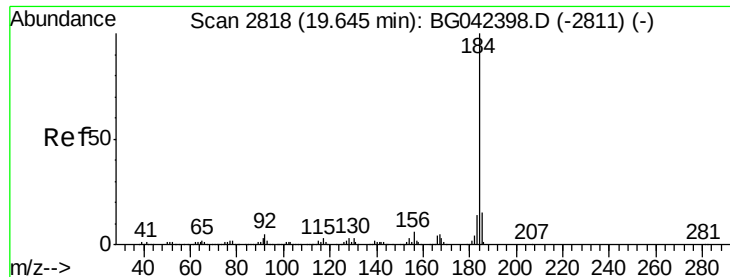
Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion:	240	Resp:	303549
Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.7	8.5
236	25.8	21.0	31.4





#77

Benzidine

Concen: 17.685 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

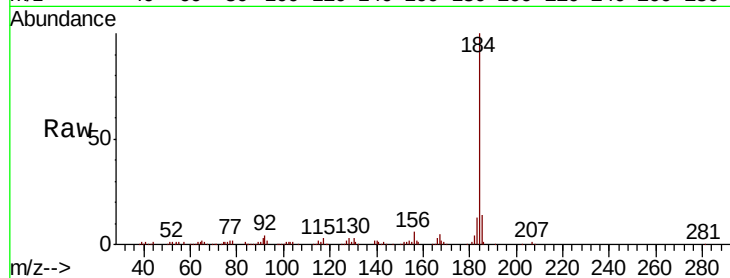
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 153908

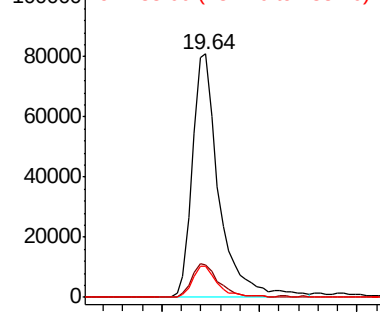
Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.2	18.4
183	12.6	10.8	16.2



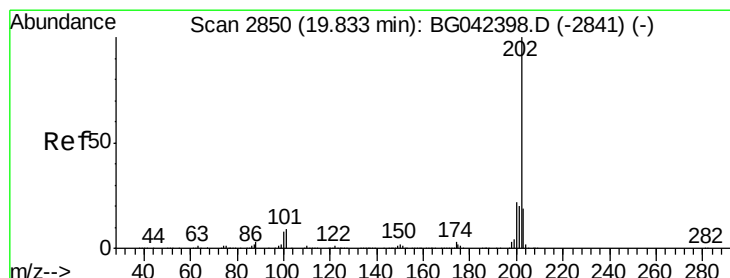
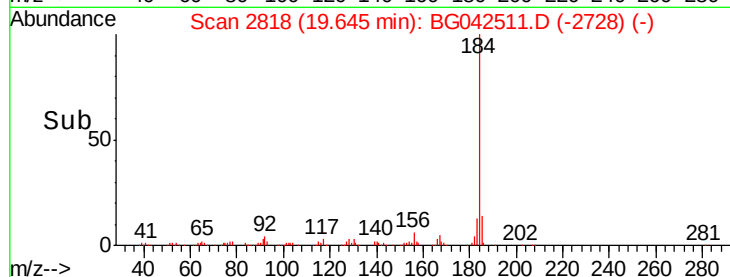
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 22.439 ng

RT: 19.83 min Scan# 2849

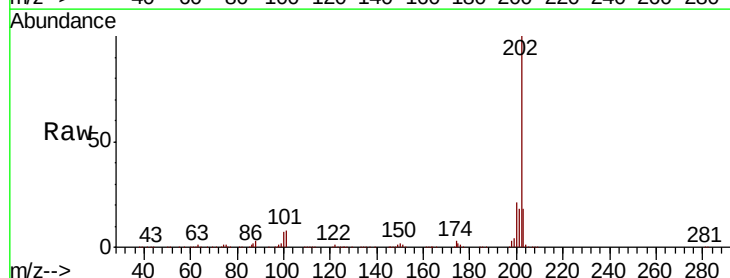
Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion:202 Resp: 417594

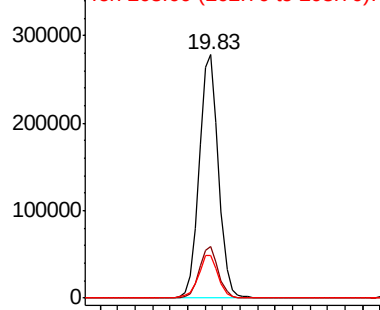
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	17.5	15.5	23.3



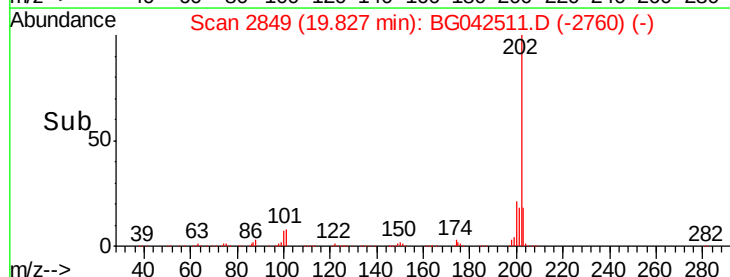
Abundance Ion 202.00 (201.70 to 202.70): E

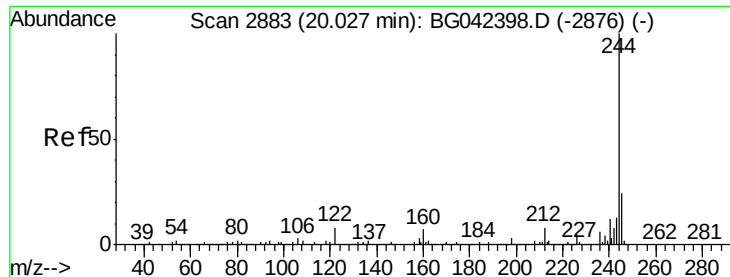
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 38.693 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampled :

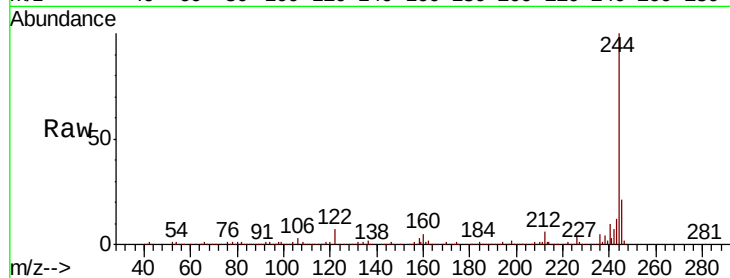
Tot Ion:244 Resp: 543284

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

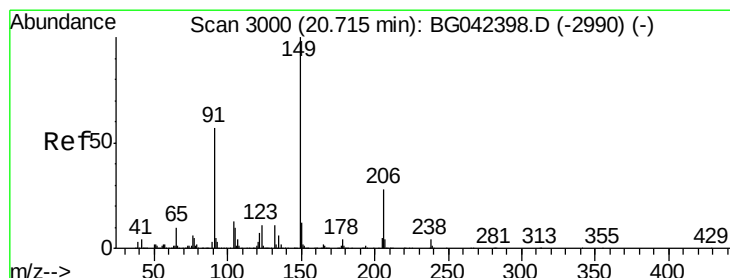
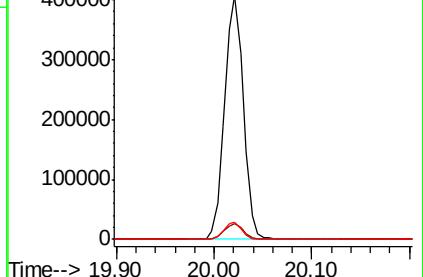
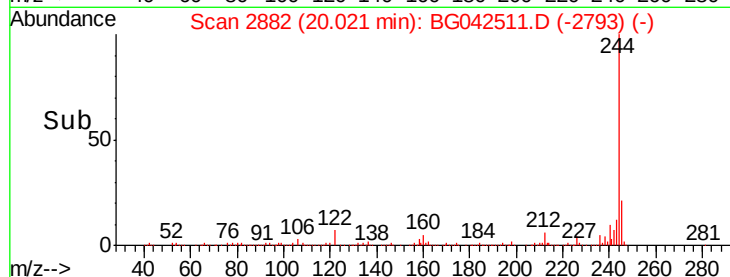
122 6.9 6.7 10.1



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: 22.472 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

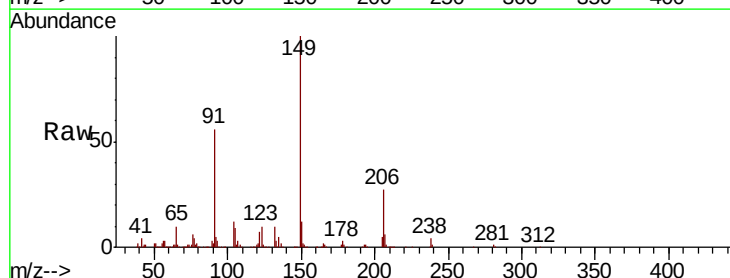
Tgt Ion:149 Resp: 164491

Ion Ratio Lower Upper

149 100

91 55.8 45.9 68.9

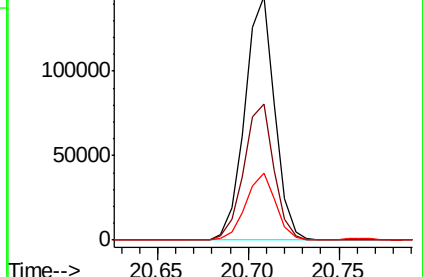
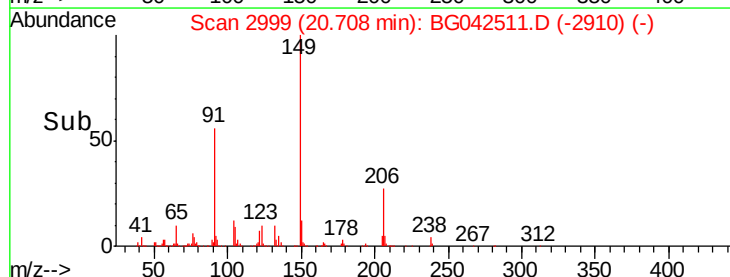
206 27.4 22.5 33.7

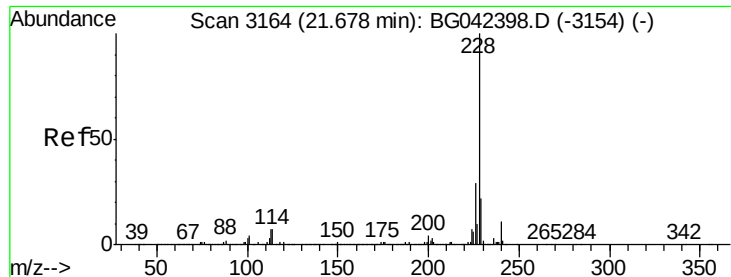


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 23.650 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

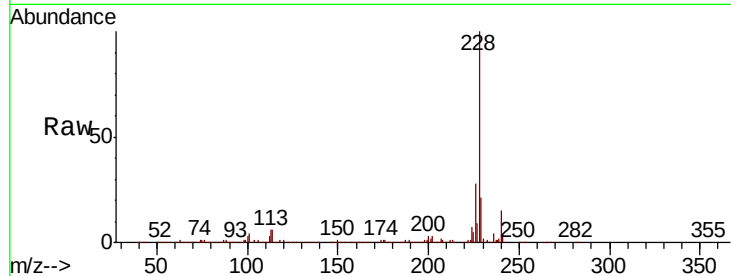
Tot Ion:228 Resp: 436717

Ion Ratio Lower Upper

228 100

226 27.6 23.4 35.2

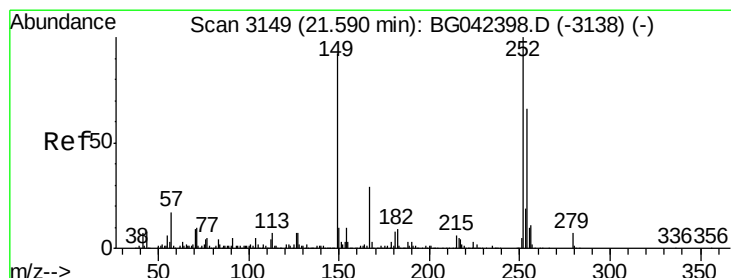
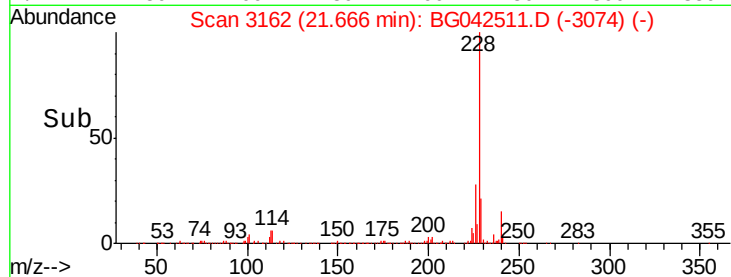
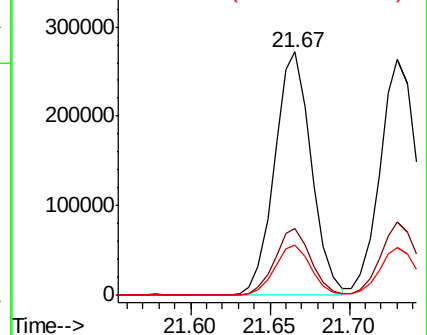
229 20.7 17.4 26.2



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: 17.574 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

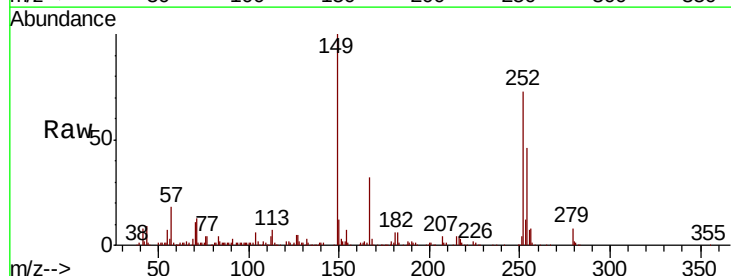
Tgt Ion:252 Resp: 130516

Ion Ratio Lower Upper

252 100

254 63.6 53.0 79.4

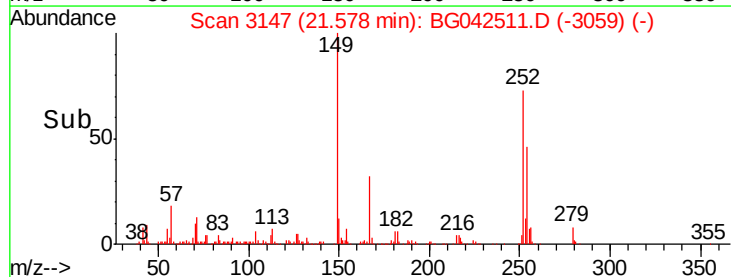
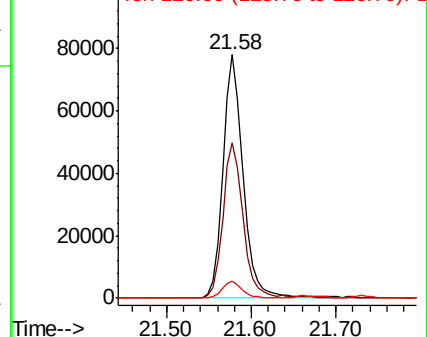
126 7.0 5.7 8.5

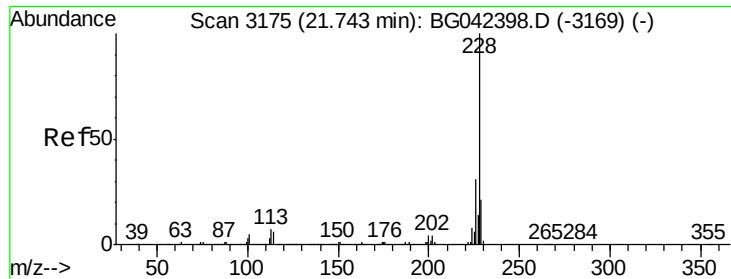


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

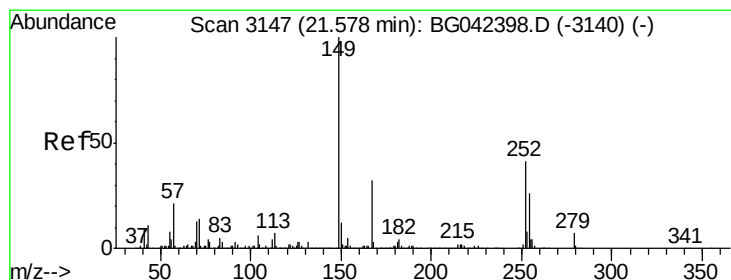
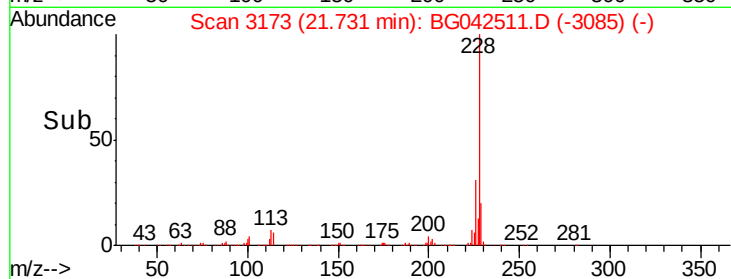
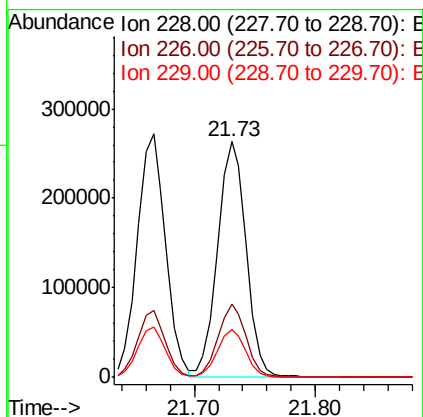
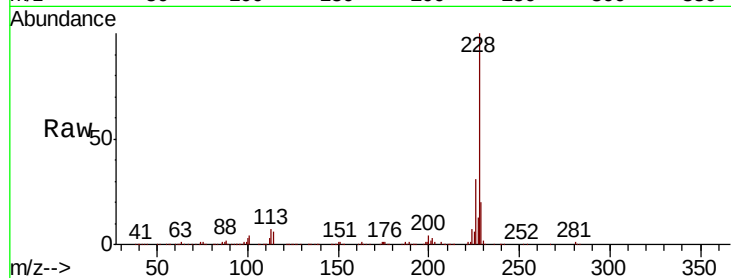




#83
 Chrysene
 Concen: 23.966 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

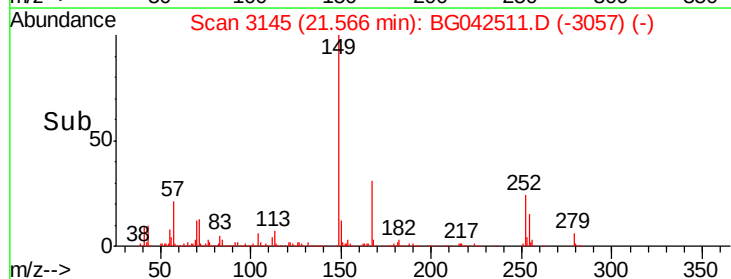
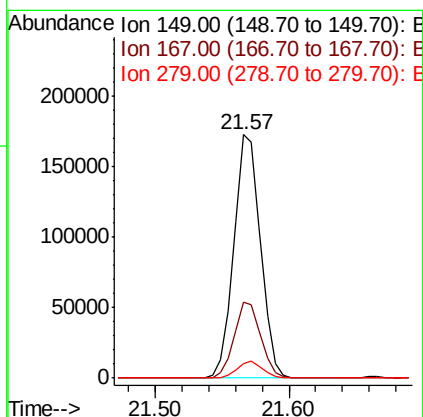
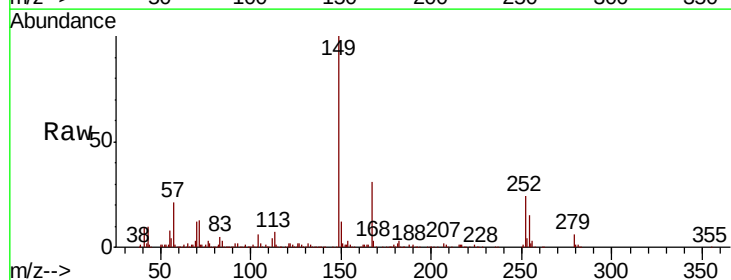
Instrument :
 BNA_G
 ClientSampleId :

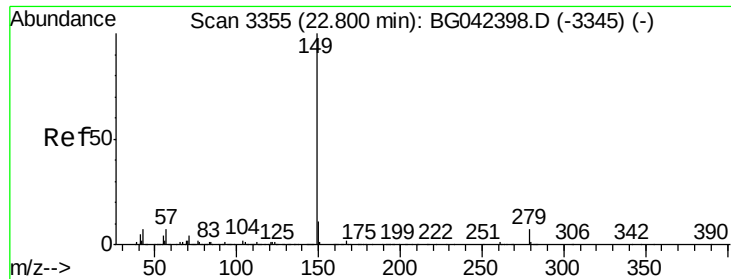
Tot	Ion:228	Resp:	426786
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.5	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 23.637 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ion:149	Resp:	240224
	Ratio	Lower	Upper
149	100		
167	30.9	26.0	39.0
279	6.0	5.4	8.0

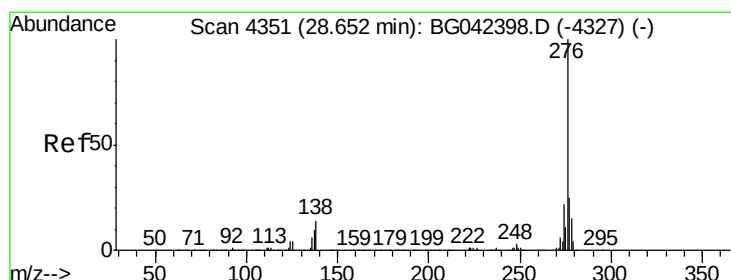
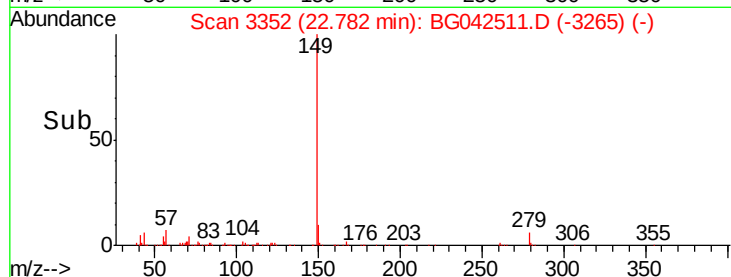
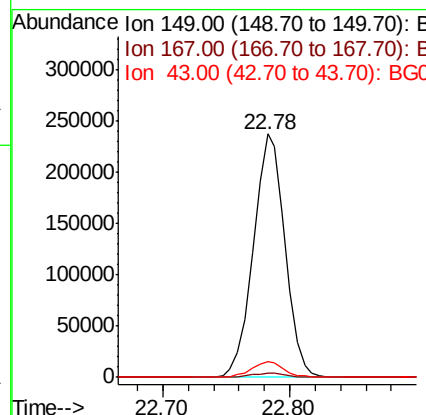
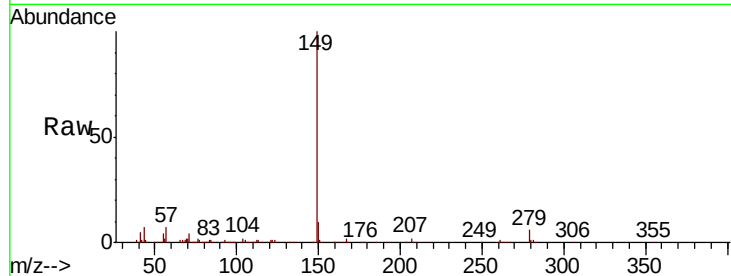




#85
Di-n-octyl phthalate
Concen: 23.496 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

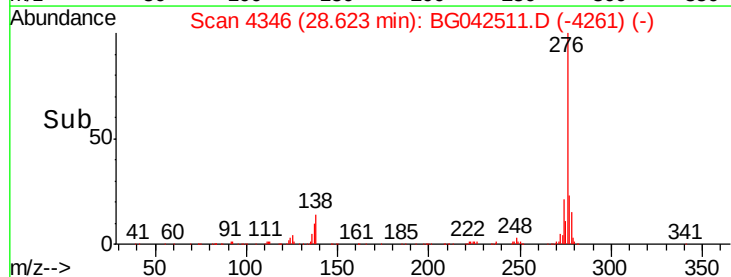
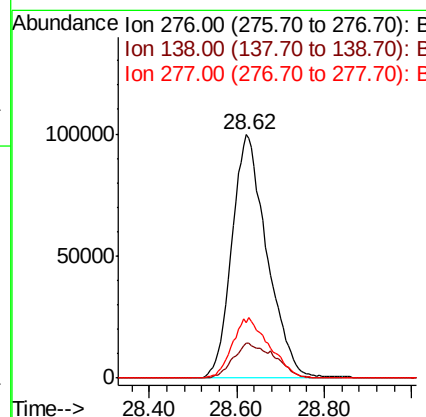
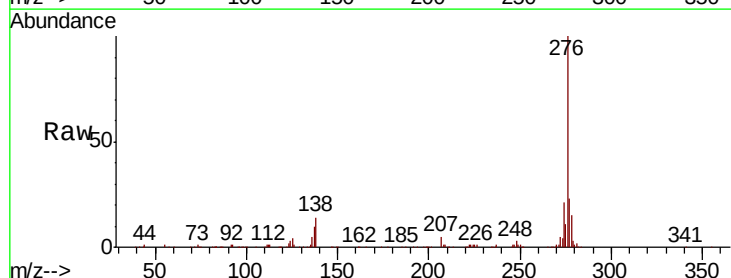
Instrument :
BNA_G
ClientSampleId :

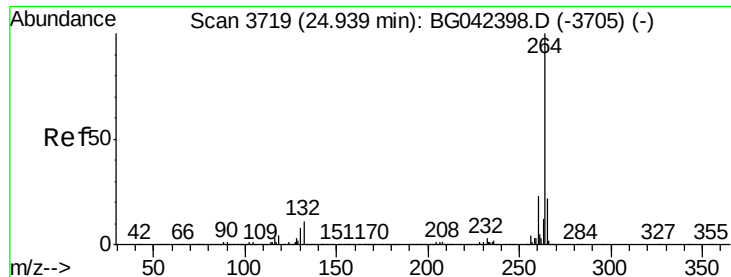
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.2	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 22.510 ng
RT: 28.62 min Scan# 4346
Delta R.T. -0.03 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	9.2	13.8#
277	26.0	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

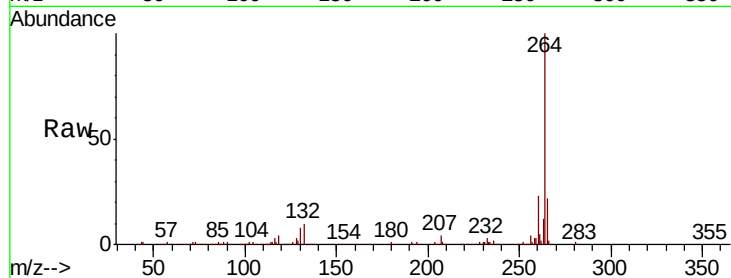
Tot Ion:264 Resp: 361024

Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

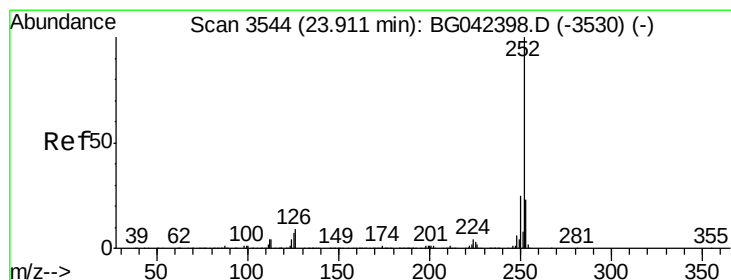
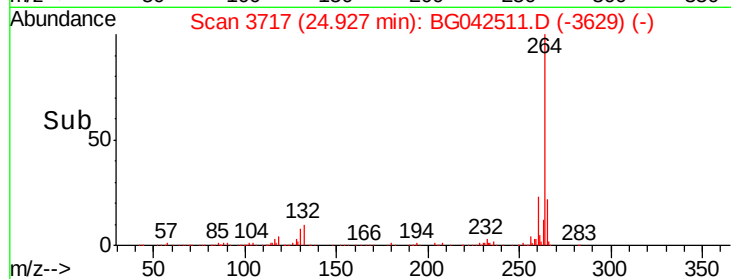
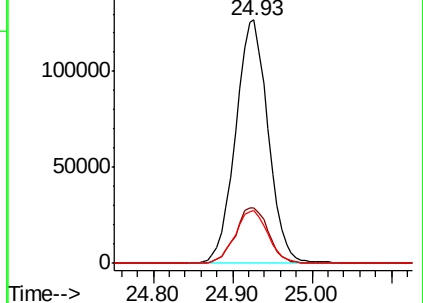
265 21.7 17.6 26.4



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: 23.875 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

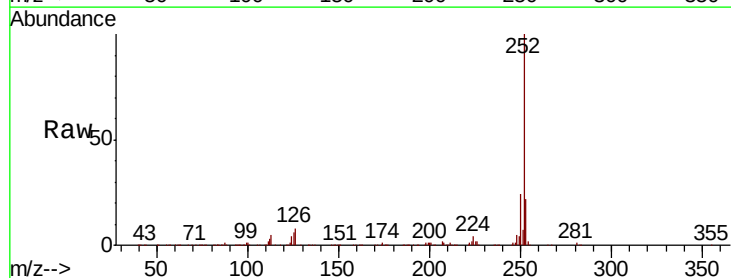
Tgt Ion:252 Resp: 473865

Ion Ratio Lower Upper

252 100

253 21.9 18.6 27.8

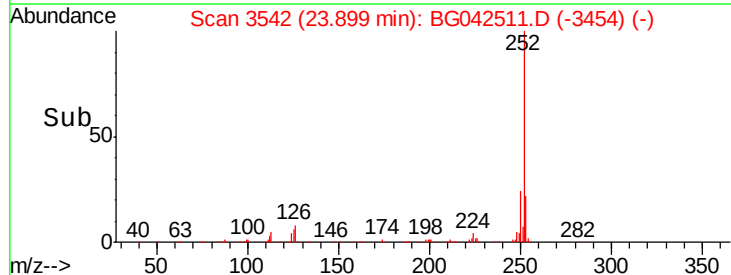
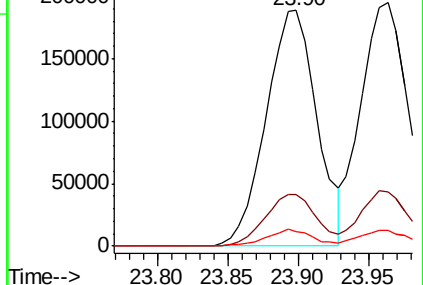
125 6.4 5.6 8.4

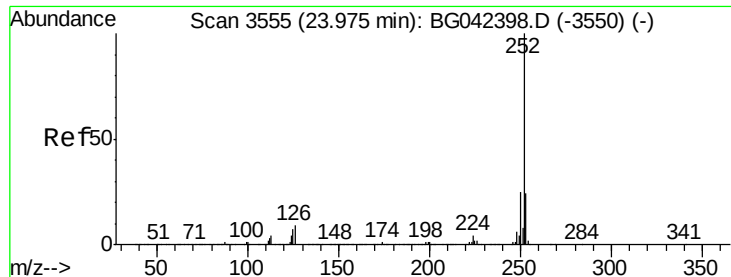


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 24.290 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

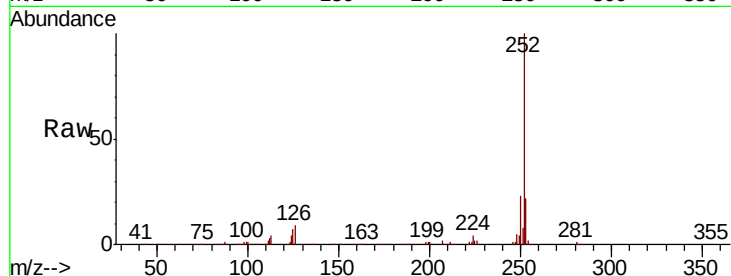
Tot Ion:252 Resp: 463399

Ion Ratio Lower Upper

252 100

253 22.1 18.6 27.8

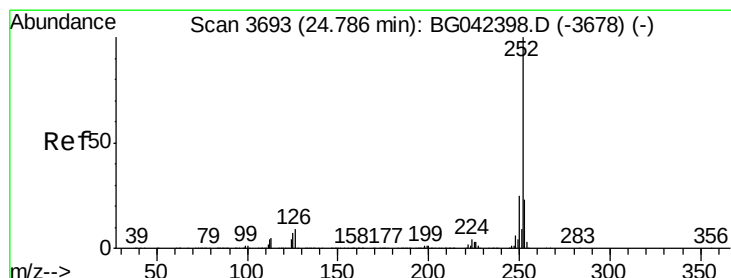
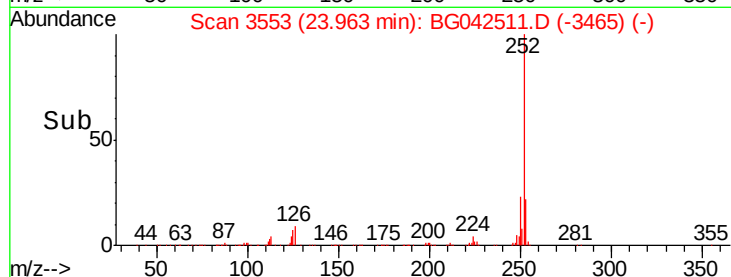
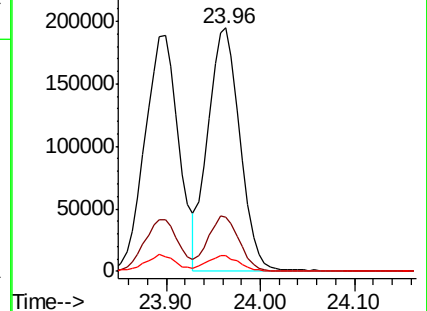
125 6.6 5.8 8.6



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: 24.569 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

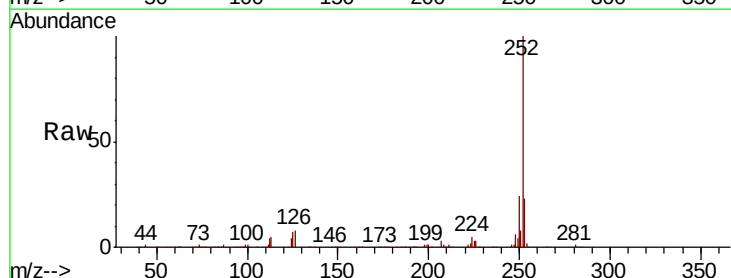
Tgt Ion:252 Resp: 462723

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

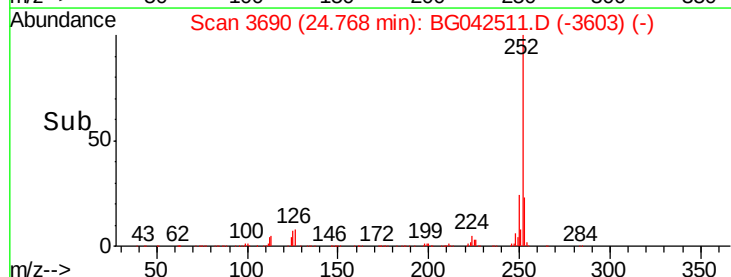
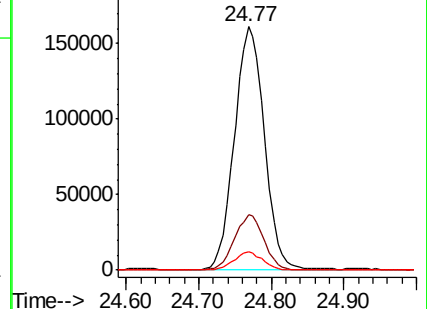
125 7.3 6.0 9.0

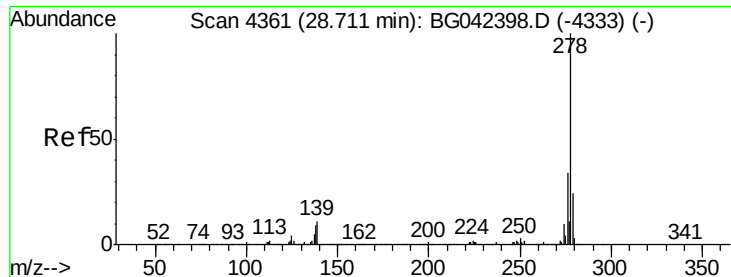


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 23.709 ng

RT: 28.68 min Scan# 4356

Delta R.T. -0.03 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampled :

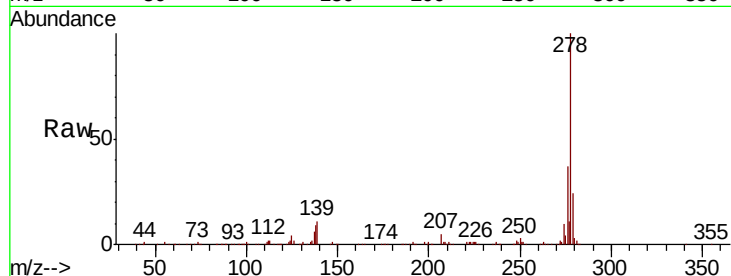
Tot Ion:278 Resp: 452125

Ion Ratio Lower Upper

278 100

139 11.0 8.8 13.2

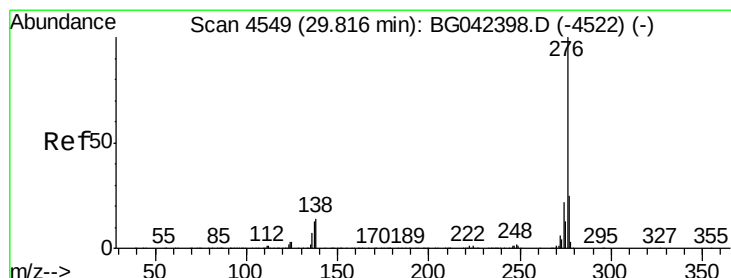
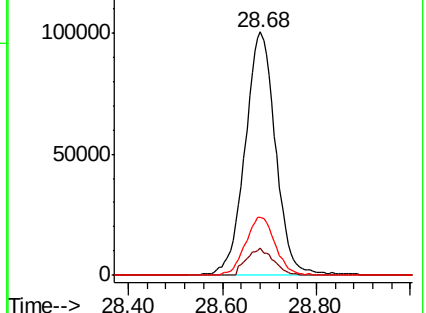
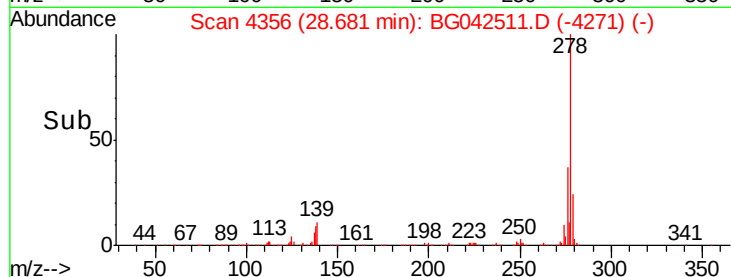
279 23.7 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 23.831 ng

RT: 29.78 min Scan# 4543

Delta R.T. -0.04 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

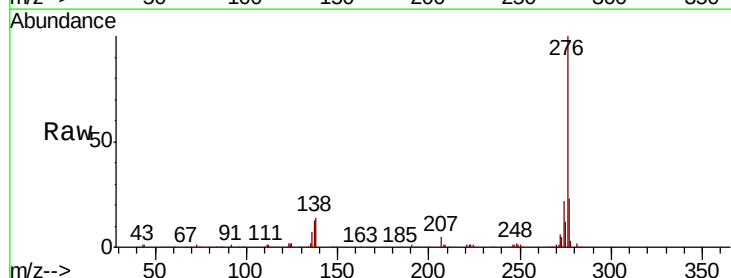
Tgt Ion:276 Resp: 454504

Ion Ratio Lower Upper

276 100

277 22.7 19.8 29.8

138 13.8 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

