

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042754.D
 Acq On : 6 Sep 2019 19:14
 Operator : HP/JU
 Sample : PB122847BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 01:19:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	24493	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	113981	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	96058	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	249688	20.00	ng	0.00
76) Chrysene-d12	21.69	240	219398	20.00	ng	0.00
87) Perylene-d12	24.93	264	202766	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	153463	126.90	ng	0.00
7) Phenol-d6	7.18	99	198409	121.46	ng	0.00
23) Nitrobenzene-d5	9.18	82	101634	61.62	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	161121	118.01	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	370677	65.26	ng	0.00
79) Terphenyl-d14	20.02	244	833330	82.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	15081	29.882	ng	96
3) Pyridine	3.82	79	32913	25.432	ng	98
4) n-Nitrosodimethylamine	3.74	42	19484	42.153	ng	93
6) Aniline	7.33	93	63323	29.063	ng	99
8) 2-Chlorophenol	7.57	128	69397	47.349	ng	100
9) Benzaldehyde	7.14	77	25825	31.577	ng	96
10) Phenol	7.20	94	77872	46.885	ng	91
11) bis(2-Chloroethyl)ether	7.42	93	50795	38.941	ng	97
12) 1,3-Dichlorobenzene	7.90	146	72377	38.819	ng	94
13) 1,4-Dichlorobenzene	8.04	146	72045	38.147	ng	97
14) 1,2-Dichlorobenzene	8.37	146	71192	39.363	ng	98
15) Benzyl Alcohol	8.25	79	54446	46.327	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.54	45	62075	35.110	ng	98
17) 2-Methylphenol	8.46	107	57319	46.854	ng	95
18) Hexachloroethane	9.09	117	22924	35.456	ng	89
19) n-Nitroso-di-n-propylamine	8.82	70	42190	39.865	ng	94
20) 3+4-Methylphenols	8.79	107	77790	45.953	ng	97
22) Acetophenone	8.84	105	96299	39.501	ng	# 98
24) Nitrobenzene	9.22	77	62011	37.127	ng	99
25) Isophorone	9.75	82	122388	37.598	ng	97
26) 2-Nitrophenol	9.93	139	42411	40.519	ng	# 94
27) 2,4-Dimethylphenol	10.00	122	69286	48.054	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	72967	35.565	ng	99
29) 2,4-Dichlorophenol	10.49	162	86333	45.766	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	90788	39.210	ng	99
31) Naphthalene	10.88	128	207262	39.166	ng	99
32) Benzoic acid	10.18	122	26270	29.002	ng	93
33) 4-Chloroaniline	10.99	127	64809	26.530	ng	95
34) Hexachlorobutadiene	11.17	225	60412	38.822	ng	99
35) Caprolactam	11.77	113	16670	26.483	ng	98
36) 4-Chloro-3-methylphenol	12.13	107	80478	44.941	ng	96
37) 2-Methylnaphthalene	12.49	142	178064	41.906	ng	100
38) 1-Methylnaphthalene	12.71	142	166593	41.276	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	124212	40.266	ng	100

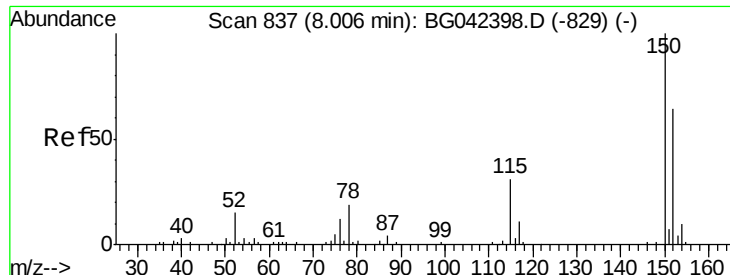
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	75112	46.354	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	82640	39.634	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	89257	41.308	ng	99
46) 1,1'-Biphenyl	13.50	154	242561	39.064	ng	97
47) 2-Chloronaphthalene	13.54	162	201131	37.566	ng	99
48) 2-Nitroaniline	13.74	65	45848	35.511	ng	93
49) Acenaphthylene	14.39	152	318666	39.562	ng	99
50) Dimethylphthalate	14.12	163	276546	39.900	ng	99
51) 2,6-Dinitrotoluene	14.24	165	66245	41.235	ng	95
52) Acenaphthene	14.73	154	187615	38.358	ng	98
53) 3-Nitroaniline	14.57	138	46552	28.974	ng	93
54) 2,4-Dinitrophenol	14.79	184	75233	70.294	ng	99
55) Dibenzofuran	15.06	168	332152	41.026	ng	98
56) 4-Nitrophenol	14.89	139	90255	79.055	ng	95
57) 2,4-Dinitrotoluene	15.03	165	96347	41.880	ng	98
58) Fluorene	15.72	166	276470	41.774	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	86145	40.315	ng	98
60) Diethylphthalate	15.48	149	274868	40.569	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	165140	41.393	ng	99
62) 4-Nitroaniline	15.74	138	67580	39.301	ng	91
63) Azobenzene	16.00	77	174810	37.653	ng	94
65) 4,6-Dinitro-2-methylphenol	15.80	198	65473	41.824	ng	98
66) n-Nitrosodiphenylamine	15.92	169	262151	38.178	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	117413	37.072	ng	99
68) Hexachlorobenzene	16.73	284	127578	37.055	ng	96
69) Atrazine	16.87	200	102807	42.338	ng	96
70) Pentachlorophenol	17.07	266	138910	77.652	ng	98
71) Phenanthrene	17.46	178	493493	39.790	ng	98
72) Anthracene	17.55	178	496539	40.104	ng	99
73) Carbazole	17.82	167	447068	40.514	ng	99
74) Di-n-butylphthalate	18.37	149	513911	39.398	ng	99
75) Fluoranthene	19.47	202	669913	44.259	ng	97
77) Benzidine	19.65	184	123709	19.667	ng	98
78) Pyrene	19.84	202	659974	49.064	ng	98
80) Butylbenzylphthalate	20.71	149	194124	36.692	ng	96
81) Benzo(a)anthracene	21.67	228	536051	40.164	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	173180	32.263	ng	97
83) Chrysene	21.74	228	515855	40.078	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	246895	33.611	ng	98
85) Di-n-octyl phthalate	22.78	149	438430	34.702	ng	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	639870	36.581	ng	# 98
88) Benzo(b)fluoranthene	23.91	252	544239	48.822	ng	# 98
89) Benzo(k)fluoranthene	23.98	252	538990	50.303	ng	# 98
90) Benzo(a)pyrene	24.79	252	533289	50.416	ng	# 98
91) Dibenzo(a,h)anthracene	28.72	278	533108	49.776	ng	97
92) Benzo(g,h,i)perylene	29.83	276	536959	50.128	ng	96

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

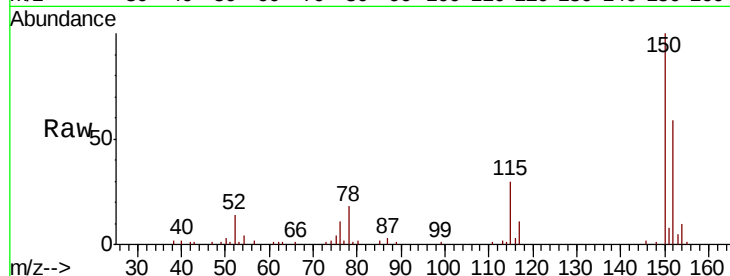


#1

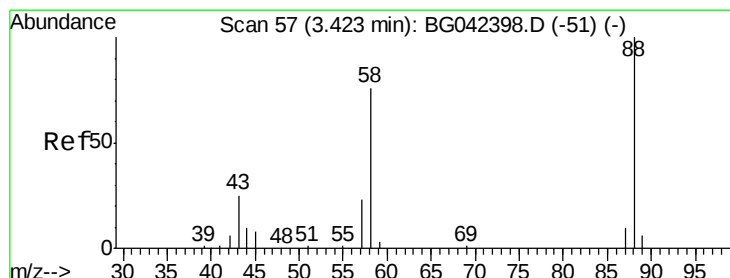
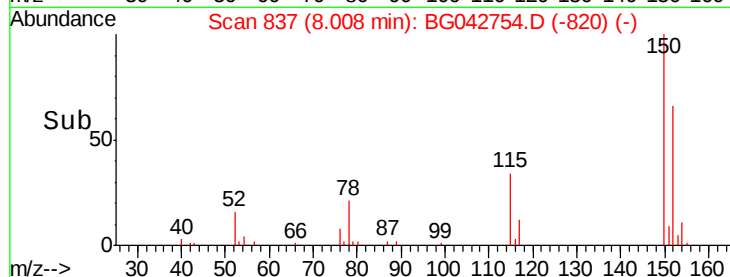
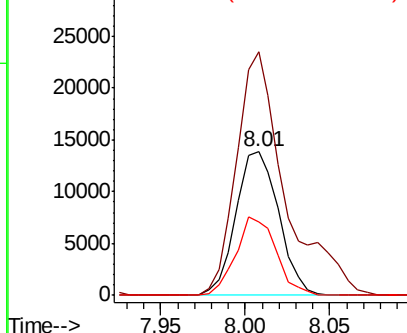
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 24493
Ion Ratio Lower Upper
152 100
150 169.8 125.4 188.0
115 50.8 38.5 57.7



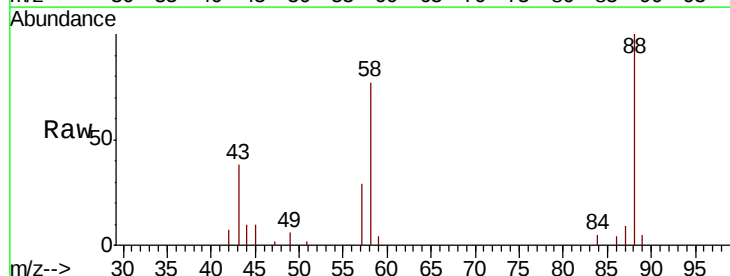
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



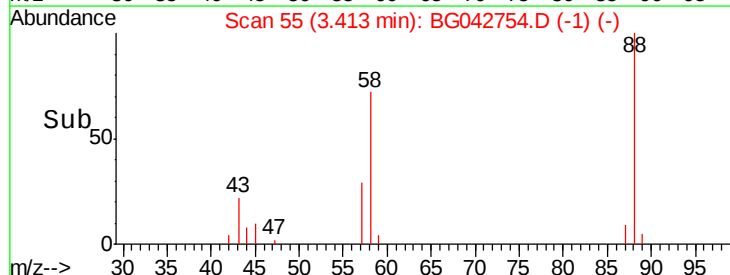
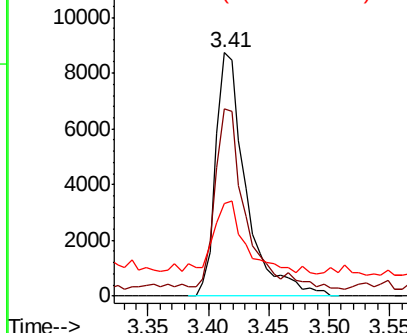
#2

1,4-Dioxane
Concen: 29.882 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Tgt Ion: 88 Resp: 15081
Ion Ratio Lower Upper
88 100
58 74.6 58.3 87.5
43 29.8 20.2 30.2



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





#3

Pvridine

Concen: 25.432 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

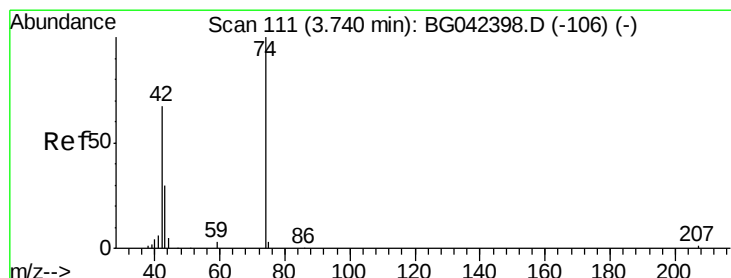
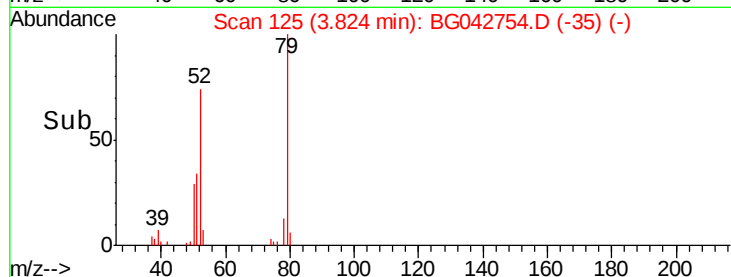
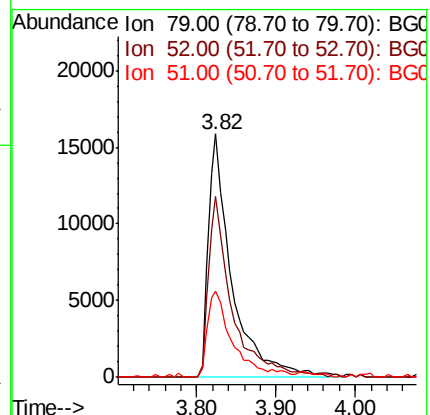
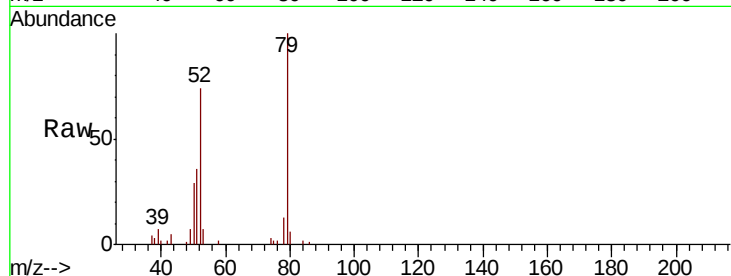
Tot Ion: 79 Resp: 32913

Ion Ratio Lower Upper

79 100

52 74.3 57.7 86.5

51 35.6 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 42.153 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

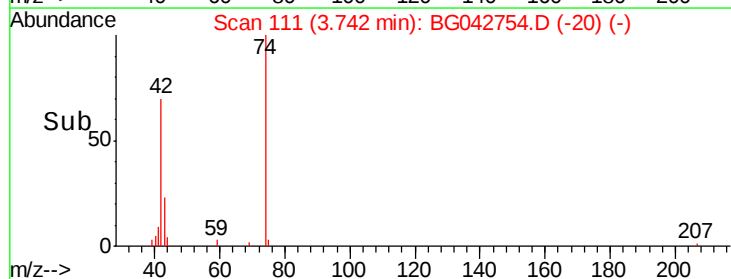
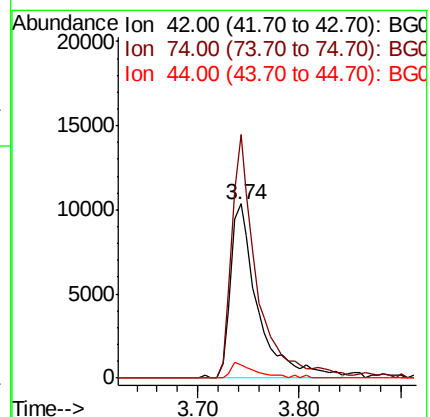
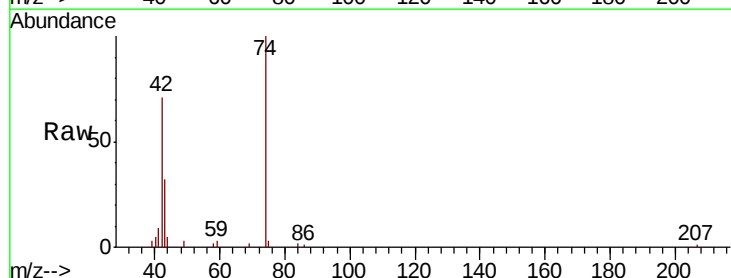
Tgt Ion: 42 Resp: 19484

Ion Ratio Lower Upper

42 100

74 140.0 119.6 179.4

44 7.4 6.5 9.7





#5

2-Fluorophenol

Concen: 126.896 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampled :

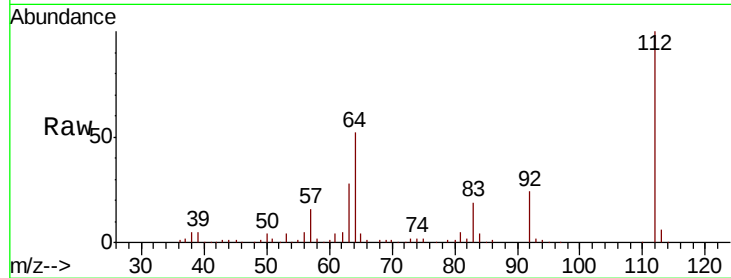
Tot Ion:112 Resp: 153463

Ion Ratio Lower Upper

112 100

64 52.2 42.8 64.2

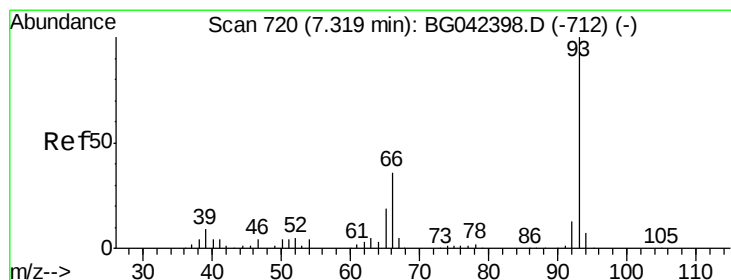
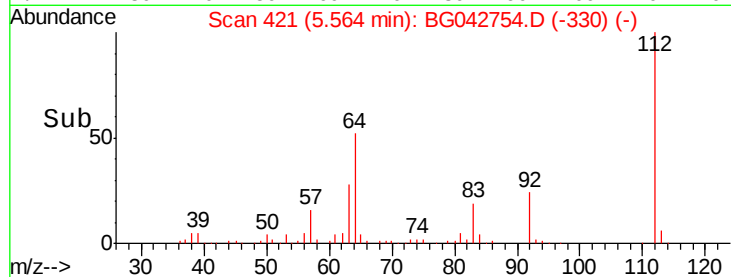
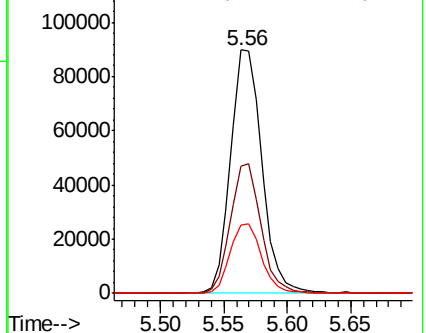
63 28.2 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.063 ng

RT: 7.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

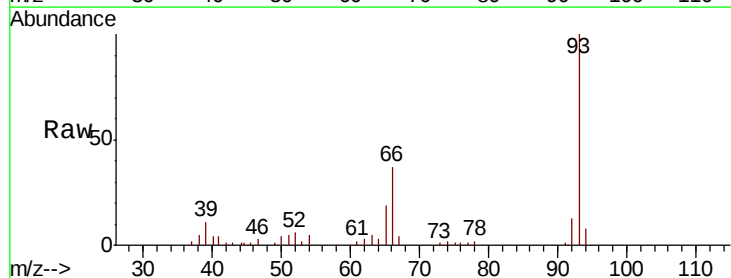
Tgt Ion: 93 Resp: 63323

Ion Ratio Lower Upper

93 100

66 37.0 29.0 43.6

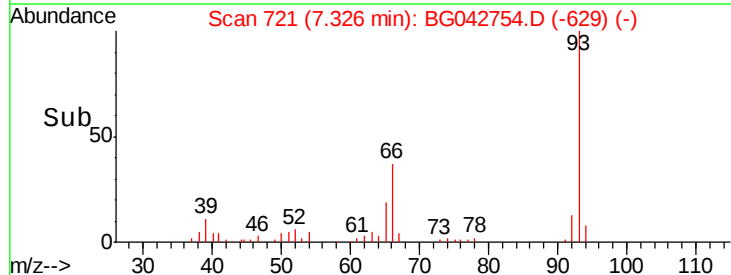
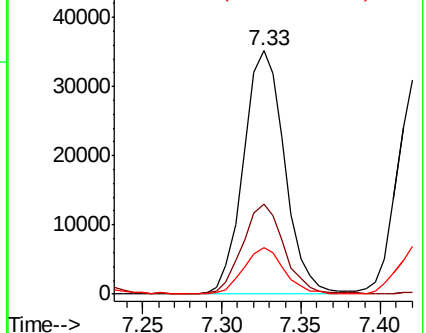
65 19.1 15.2 22.8



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: 121.457 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampled :

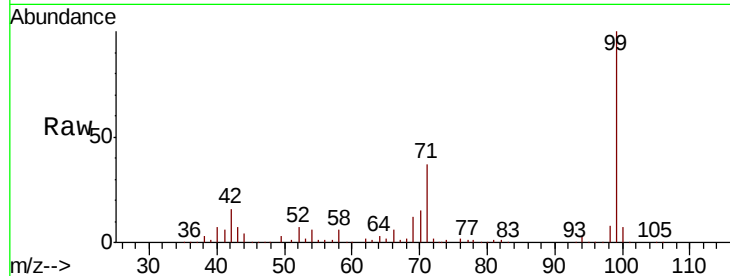
Tot Ion: 99 Resp: 198409

Ion Ratio Lower Upper

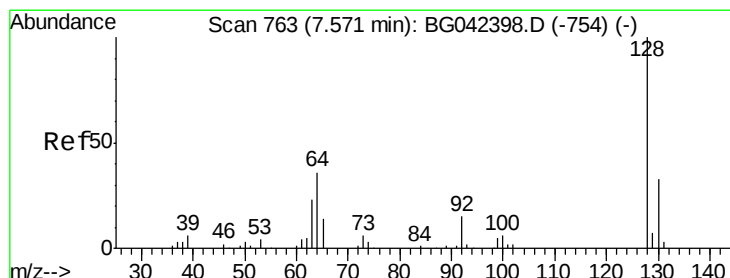
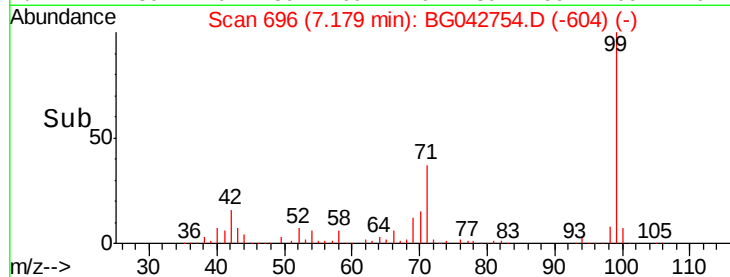
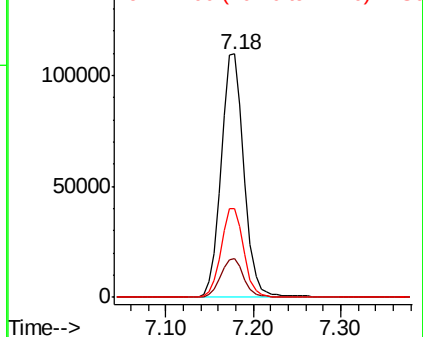
99 100

42 16.0 12.0 18.0

71 36.7 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: 47.349 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

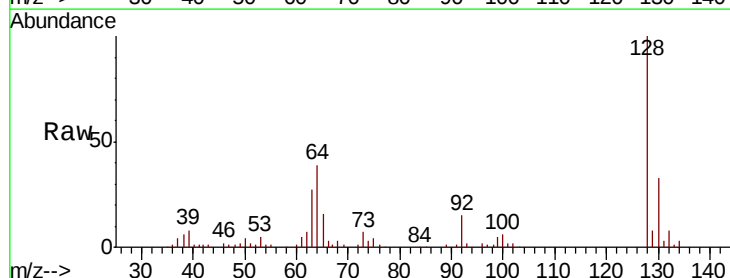
Tgt Ion: 128 Resp: 69397

Ion Ratio Lower Upper

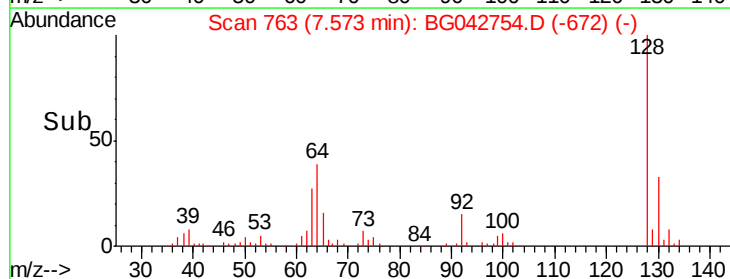
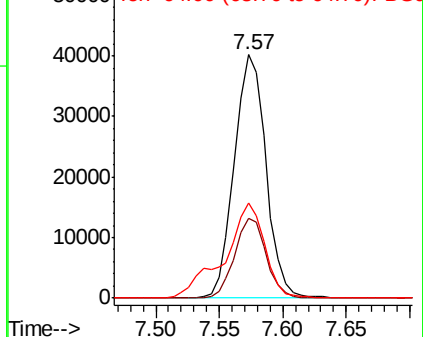
128 100

130 32.9 12.8 52.8

64 38.9 19.2 59.2



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





#9

Benzaldehyde

Concen: 31.577 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampled :

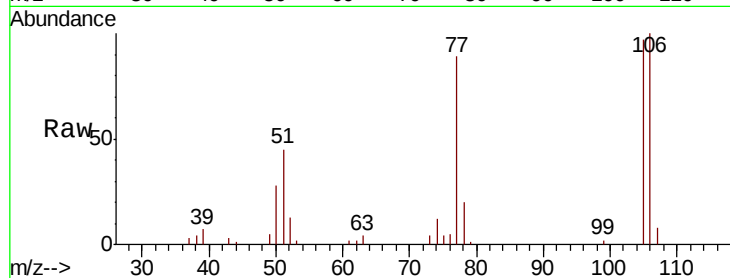
Tot Ion: 77 Resp: 25825

Ion Ratio Lower Upper

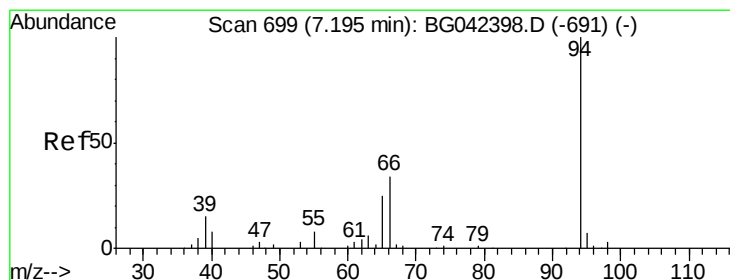
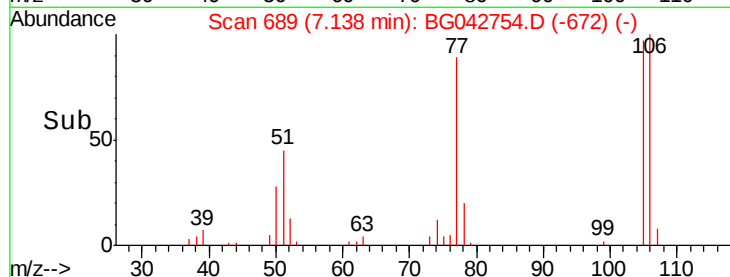
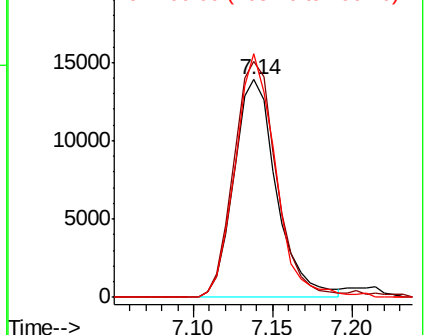
77 100

105 108.5 93.4 133.4

106 111.9 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: 46.885 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

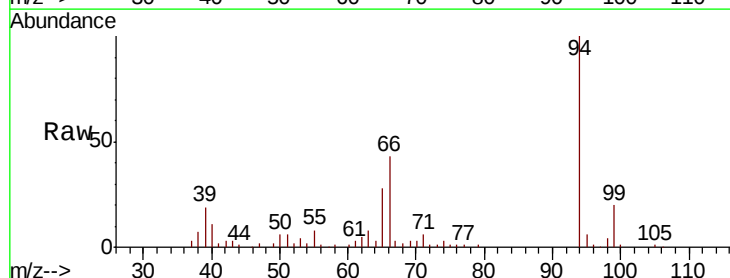
Tgt Ion: 94 Resp: 77872

Ion Ratio Lower Upper

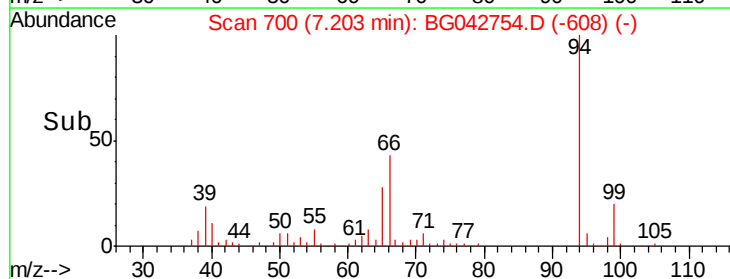
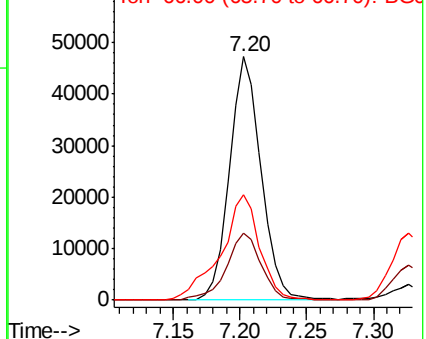
94 100

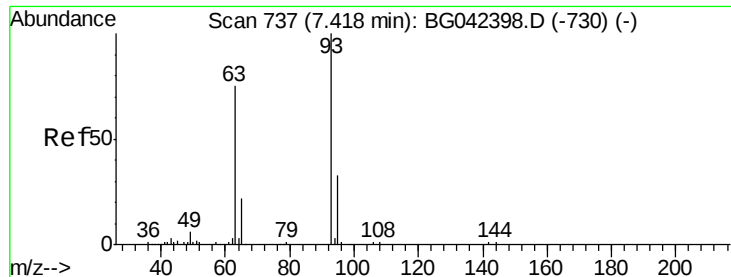
65 27.6 5.6 45.6

66 43.1 16.0 56.0



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

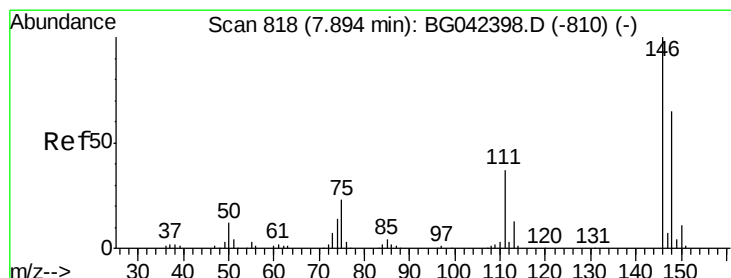
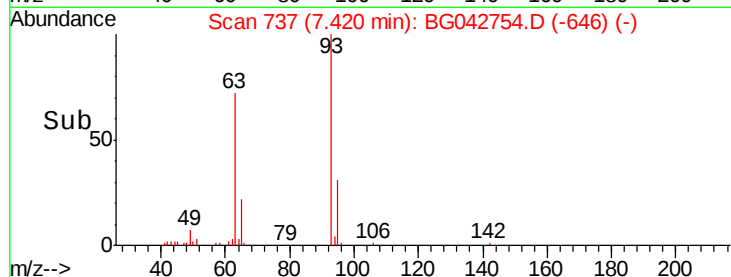
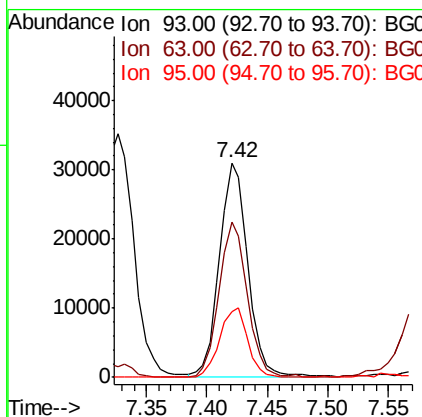
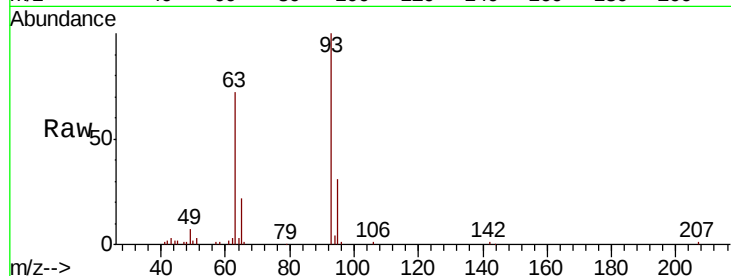




#11
 bis(2-Chloroethyl)ether
 Concen: 38.941 ng
 RT: 7.42 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

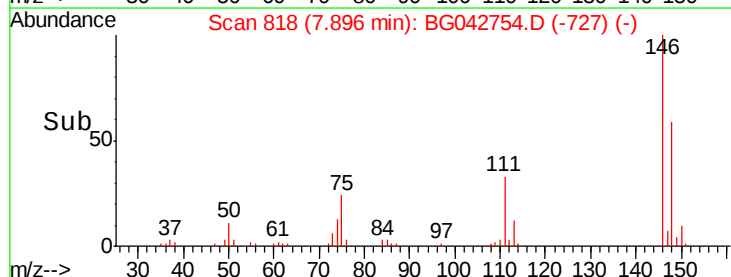
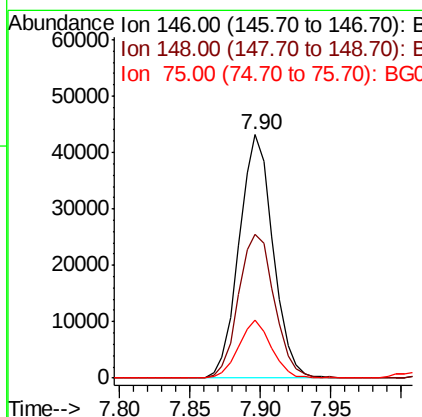
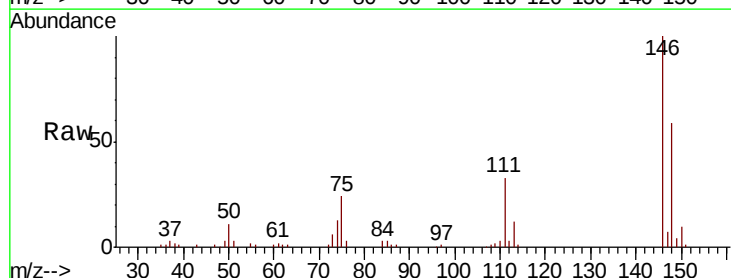
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 50795
 Ion Ratio Lower Upper
 93 100
 63 72.3 53.8 93.8
 95 30.6 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 38.819 ng
 RT: 7.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Tgt Ion: 146 Resp: 72377
 Ion Ratio Lower Upper
 146 100
 148 59.0 52.2 78.2
 75 23.6 18.0 27.0

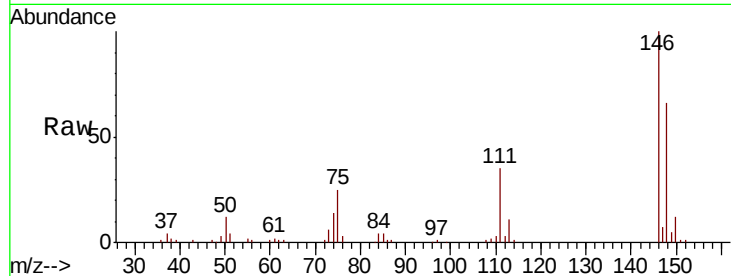




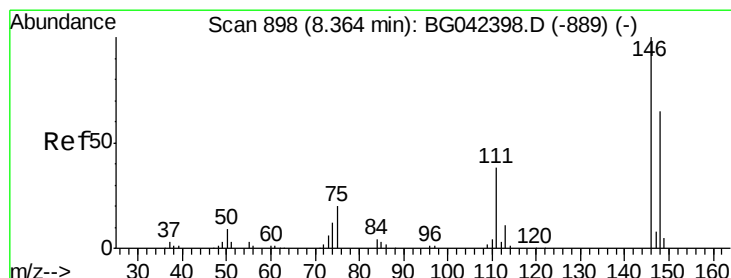
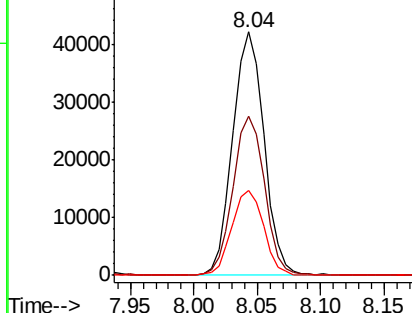
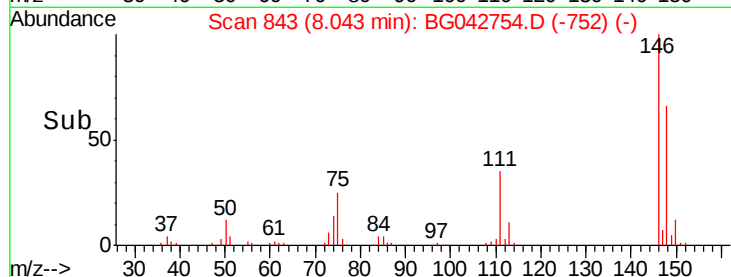
#13
 1,4-Dichlorobenzene
 Concen: 38.147 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 72045
 Ion Ratio Lower Upper
 146 100
 148 65.6 49.5 74.3
 111 34.9 28.1 42.1

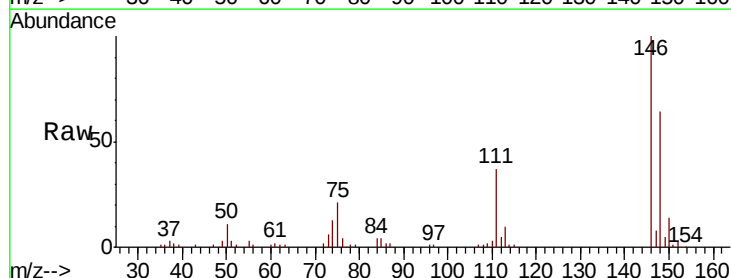


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

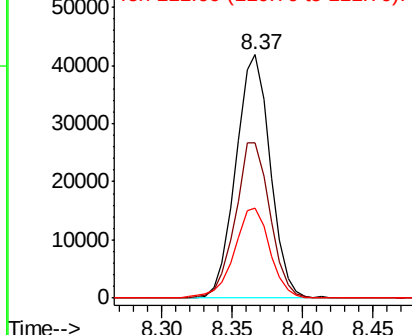
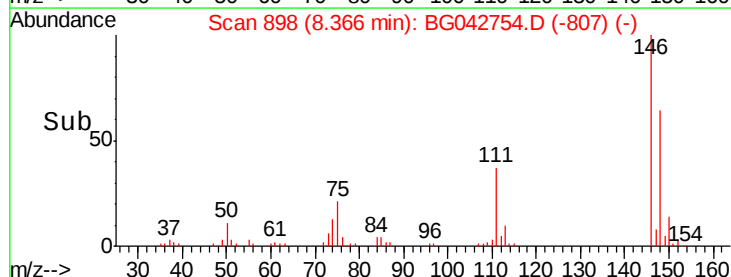


#14
 1,2-Dichlorobenzene
 Concen: 39.363 ng
 RT: 8.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Tgt Ion:146 Resp: 71192
 Ion Ratio Lower Upper
 146 100
 148 64.0 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: 46.327 ng

RT: 8.25 min Scan# 879

Delta R.T. 0.01 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampled :

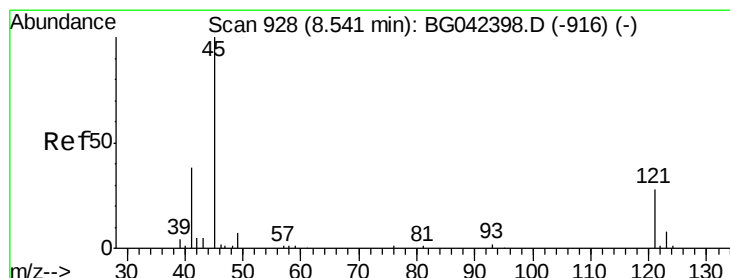
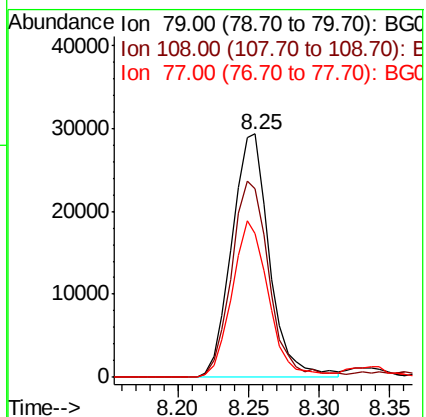
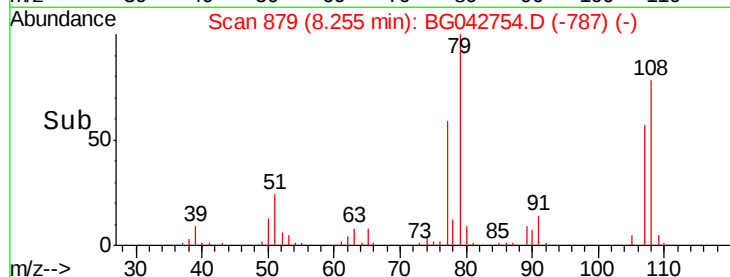
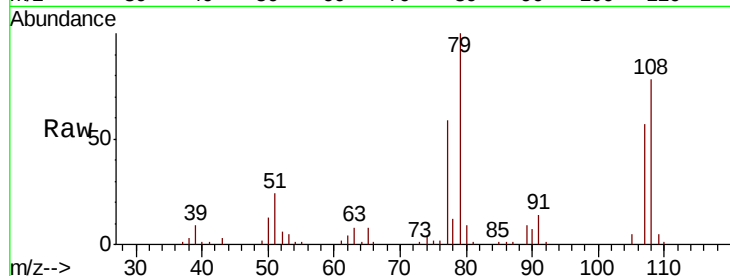
Tot Ion: 79 Resp: 54446

Ion Ratio Lower Upper

79 100

108 77.7 67.4 101.2

77 59.2 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.110 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

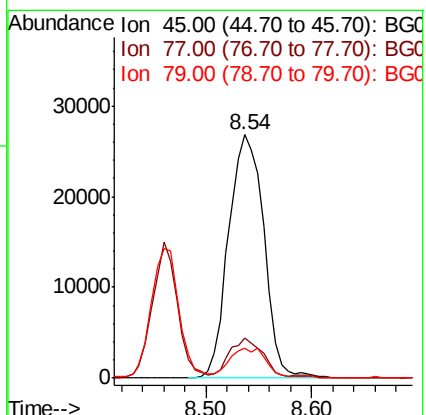
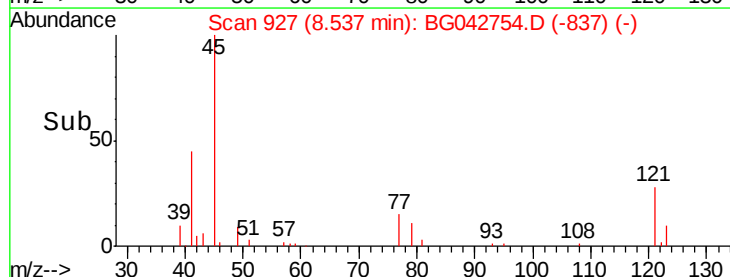
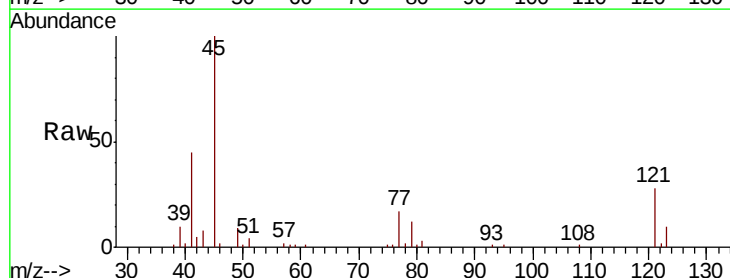
Tgt Ion: 45 Resp: 62075

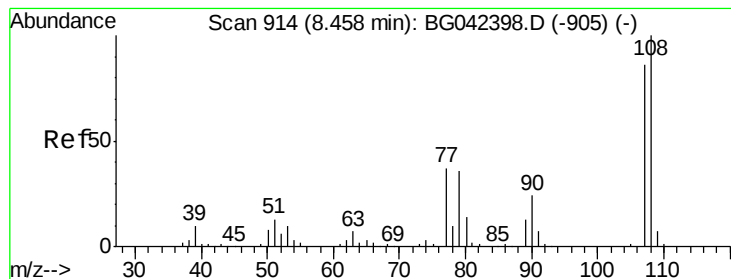
Ion Ratio Lower Upper

45 100

77 16.7 0.0 35.6

79 12.1 0.0 31.6

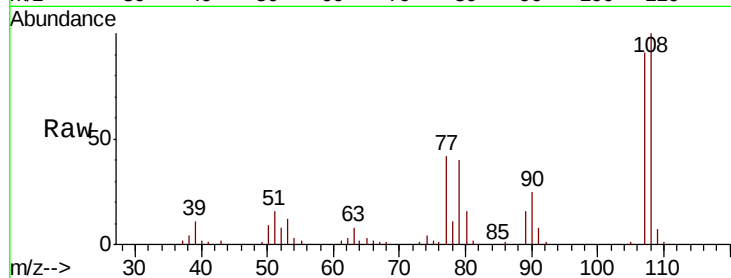




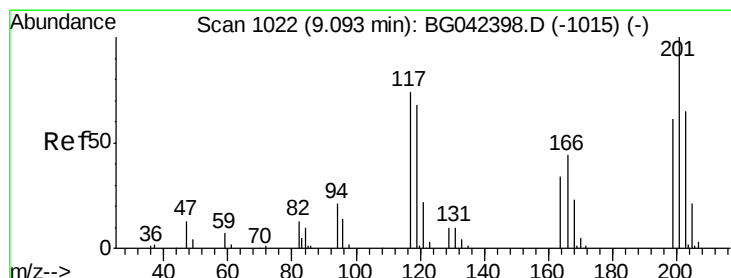
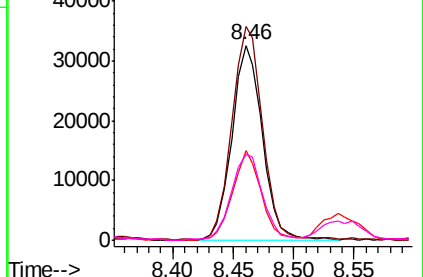
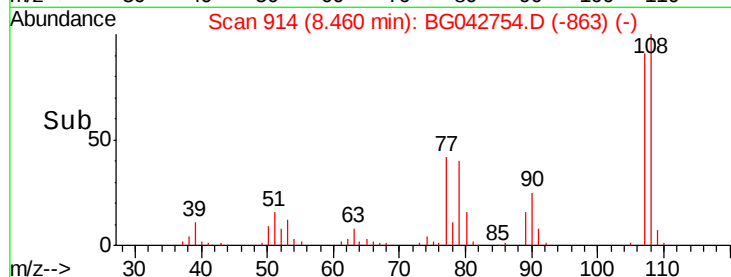
#17
2-Methylphenol
Concen: 46.854 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	57319
Ion	Ratio	Lower	Upper
107	100		
108	109.5	92.9	139.3
77	46.0	34.4	51.6
79	43.9	33.8	50.6

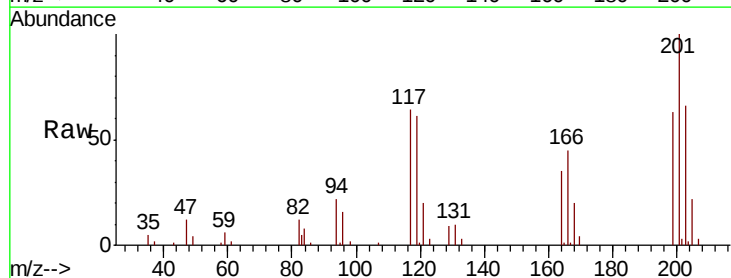


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

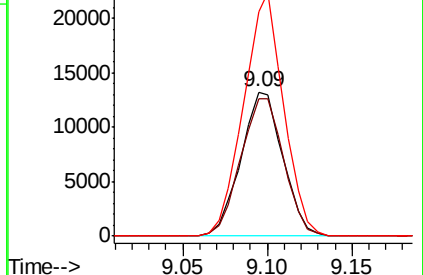
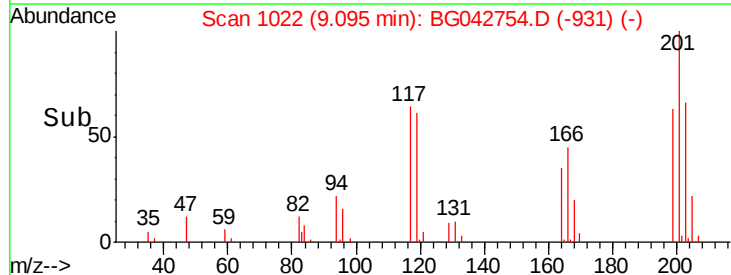


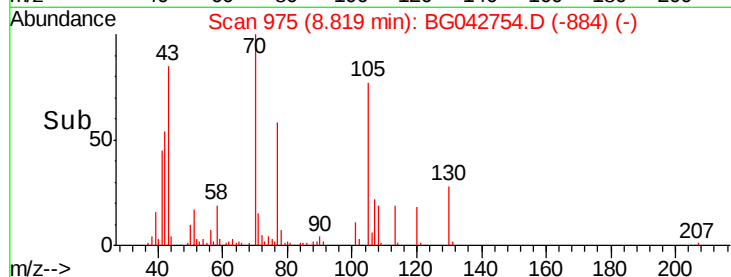
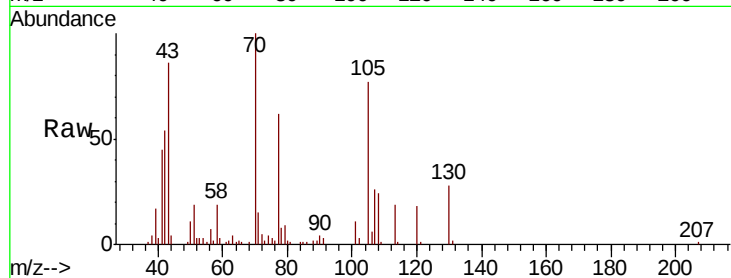
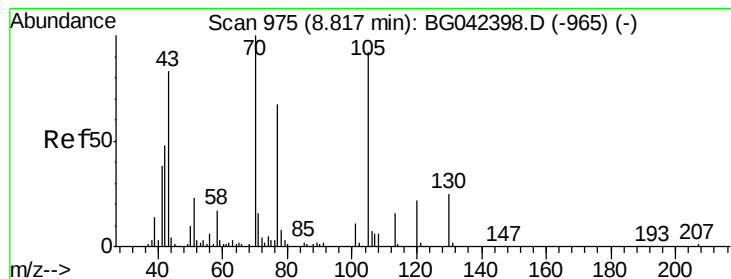
#18
Hexachloroethane
Concen: 35.456 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Tgt Ion:	117	Resp:	22924
Ion	Ratio	Lower	Upper
117	100		
119	94.9	73.8	110.8
201	155.6	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: 39.865 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 42190

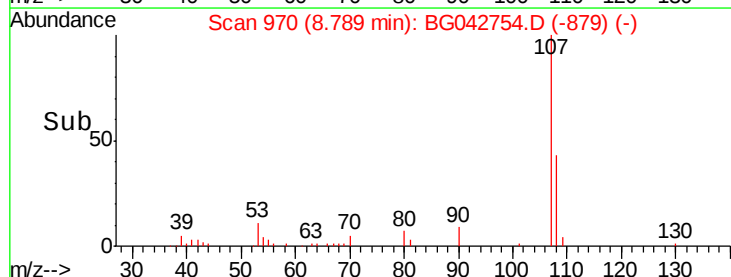
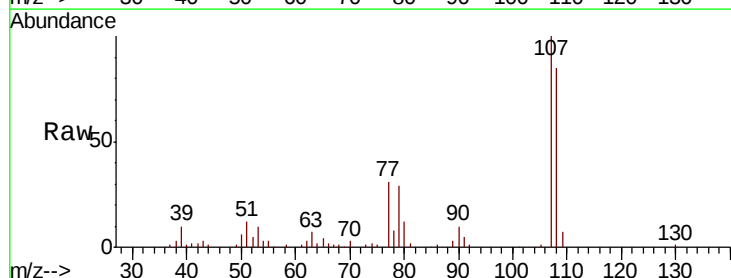
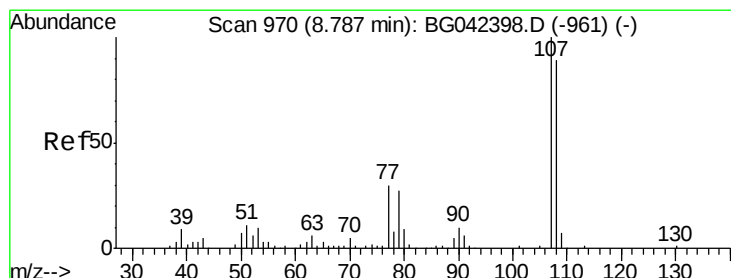
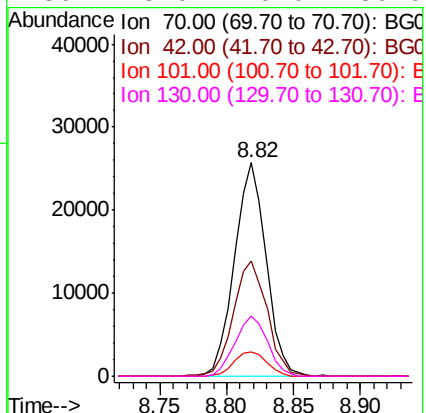
Ion Ratio Lower Upper

70 100

42 53.7 38.8 58.2

101 11.2 9.0 13.6

130 28.0 20.0 30.0



#20

3+4-Methylphenols

Concen: 45.953 ng

RT: 8.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Tgt Ion:107 Resp: 77790

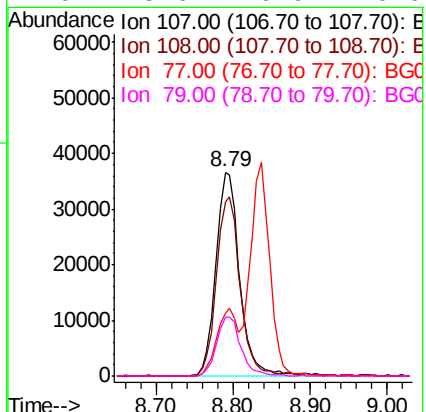
Ion Ratio Lower Upper

107 100

108 85.4 68.7 108.7

77 31.0 10.2 50.2

79 28.6 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 113981

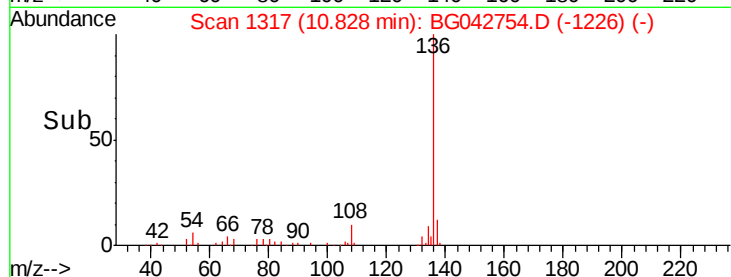
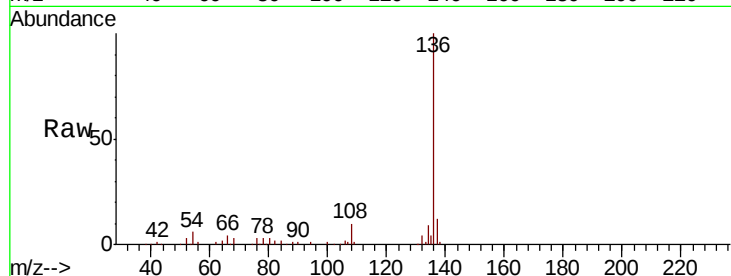
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 6.3 4.9 7.3

68 3.4 3.6 5.4#

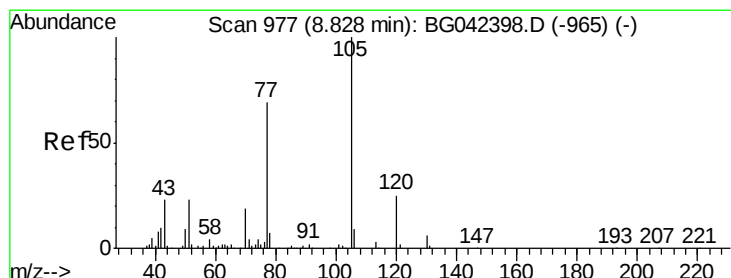
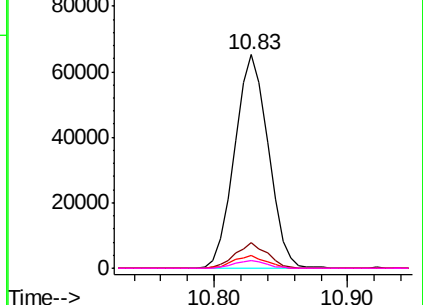


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 39.501 ng

RT: 8.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Tgt Ion:105 Resp: 96299

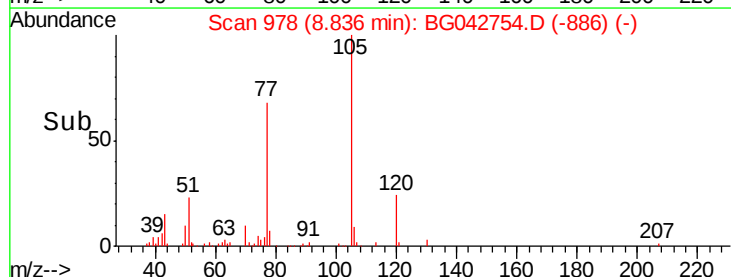
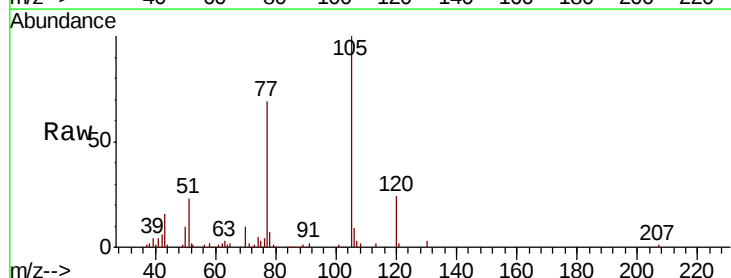
Ion Ratio Lower Upper

105 100

71 1.6 2.8 4.2#

51 23.1 18.7 28.1

120 24.2 20.1 30.1

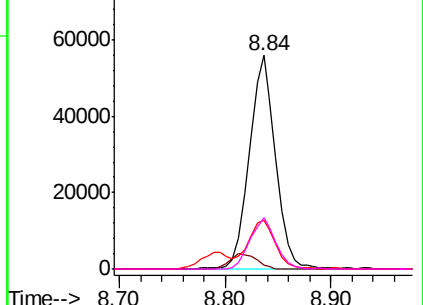


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

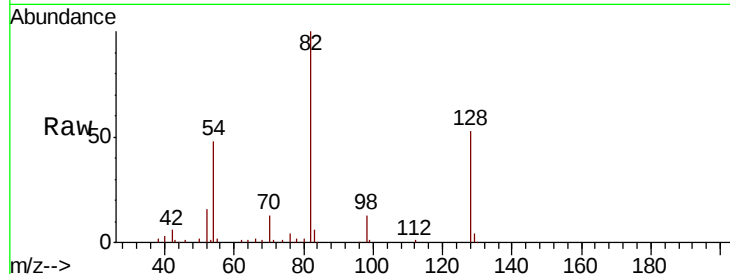




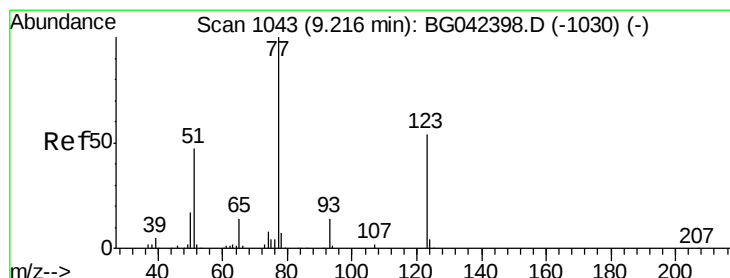
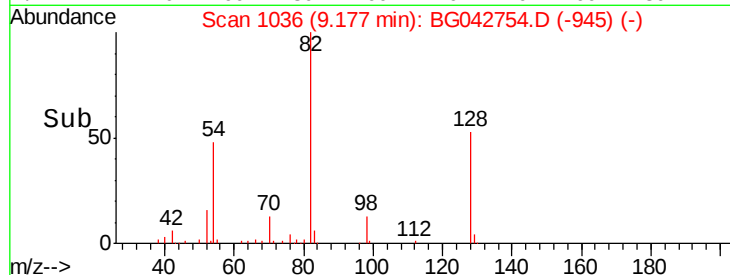
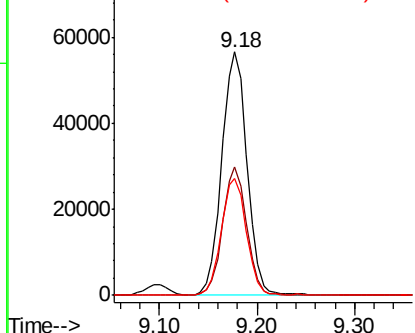
#23
 Nitrobenzene-d5
 Concen: 61.618 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	101634
Ion Ratio	Lower	Upper	
82	100		
128	52.8	40.7	61.1
54	48.1	36.3	54.5

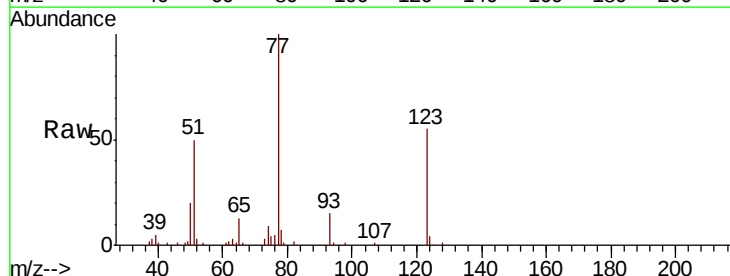


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

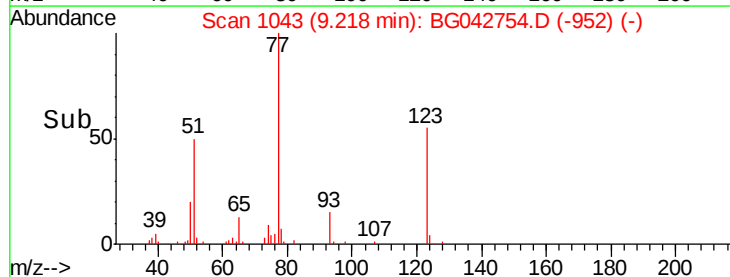
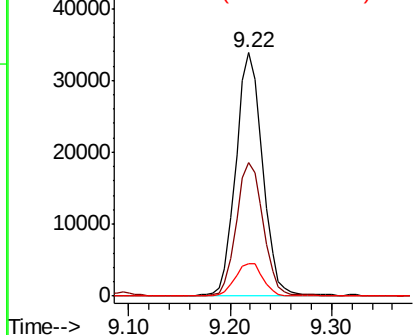


#24
 Nitrobenzene
 Concen: 37.127 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Tgt Ion	77	Resp	62011
Ion Ratio	Lower	Upper	
77	100		
123	54.8	43.4	65.0
65	13.4	11.0	16.6



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





#25

Isophorone

Concen: 37.598 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

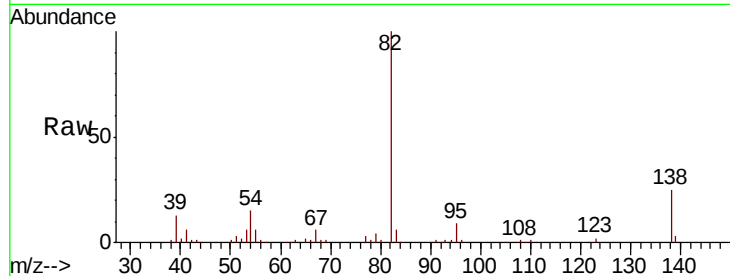
Tot Ion: 82 Resp: 122388

Ion Ratio Lower Upper

82 100

95 9.3 6.6 9.8

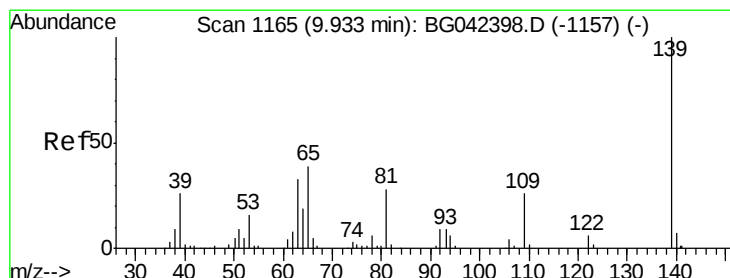
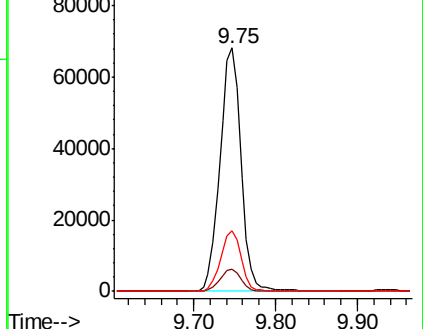
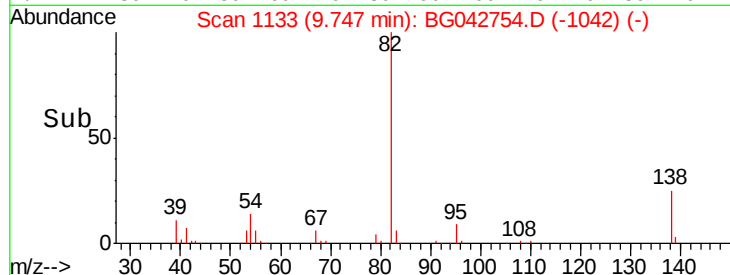
138 25.0 18.6 27.8



Abundance Ion 82.00 (81.70 to 82.70): BG042754.D (-1042) (-)

Ion 95.00 (94.70 to 95.70): BG042754.D (-1042) (-)

Ion 138.00 (137.70 to 138.70): BG042754.D (-1042) (-)



#26

2-Nitrophenol

Concen: 40.519 ng

RT: 9.93 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

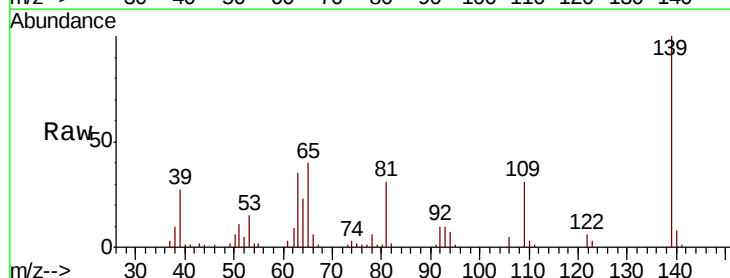
Tgt Ion: 139 Resp: 42411

Ion Ratio Lower Upper

139 100

109 31.4 20.5 30.7#

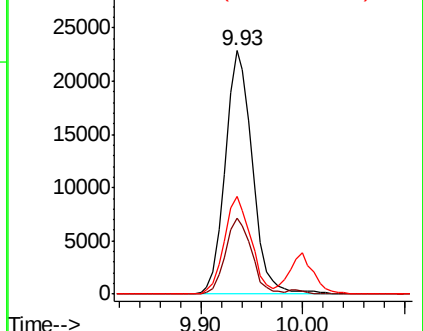
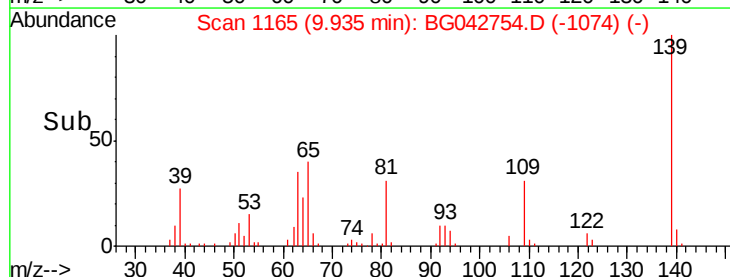
65 40.2 30.9 46.3

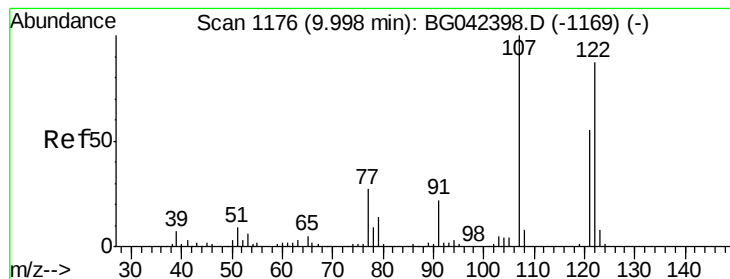


Abundance Ion 139.00 (138.70 to 139.70): BG042754.D (-1074) (-)

Ion 109.00 (108.70 to 109.70): BG042754.D (-1074) (-)

Ion 65.00 (64.70 to 65.70): BG042754.D (-1074) (-)





#27

2,4-Dimethylphenol

Concen: 48.054 ng

RT: 10.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

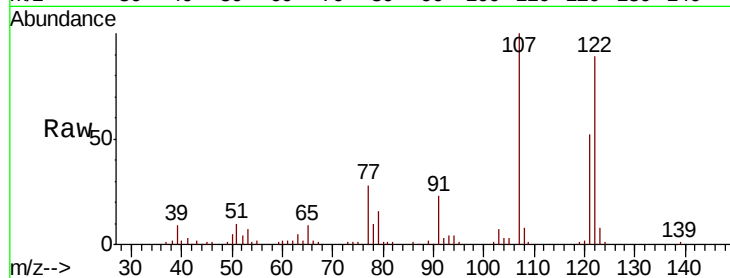
Tot Ion:122 Resp: 69286

Ion Ratio Lower Upper

122 100

107 112.0 90.8 136.2

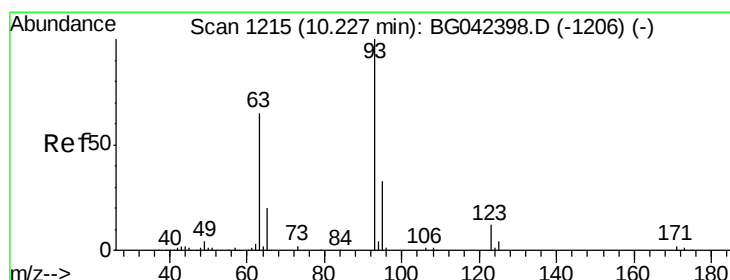
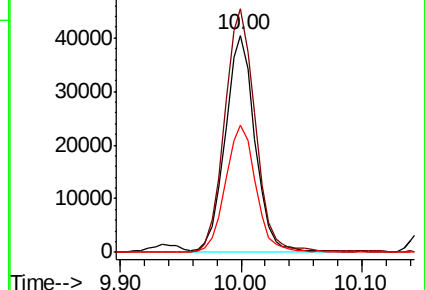
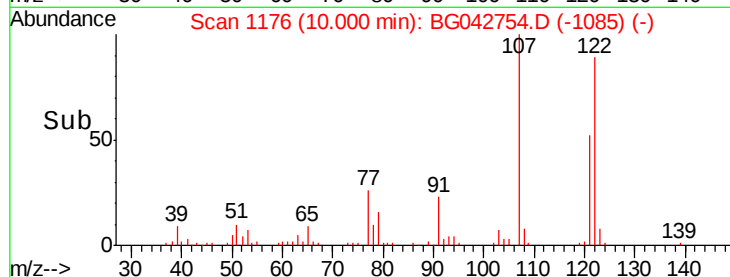
121 58.2 49.6 74.4



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: 35.565 ng

RT: 10.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

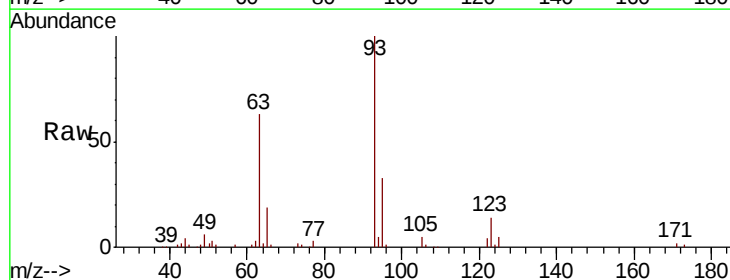
Tgt Ion: 93 Resp: 72967

Ion Ratio Lower Upper

93 100

95 33.4 26.6 40.0

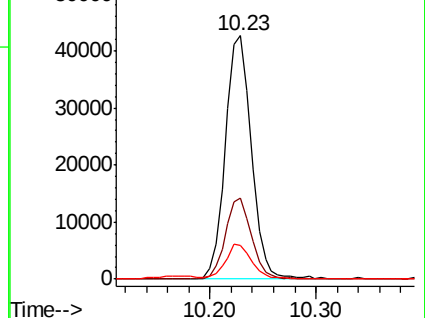
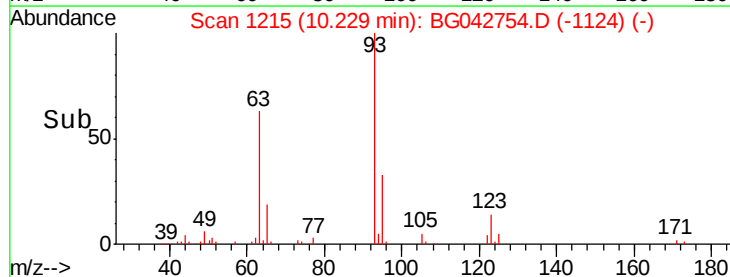
123 14.1 10.1 15.1



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

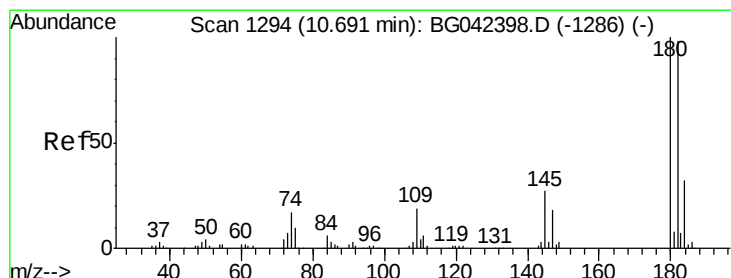
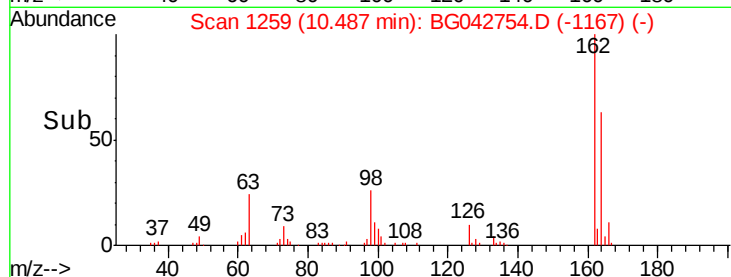
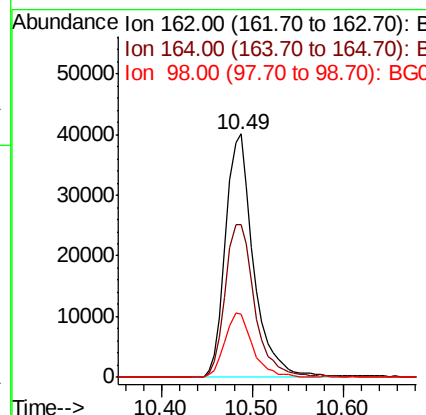
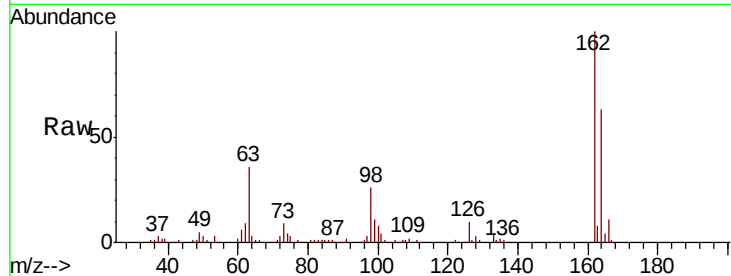




#29
 2,4-Dichlorophenol
 Concen: 45.766 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

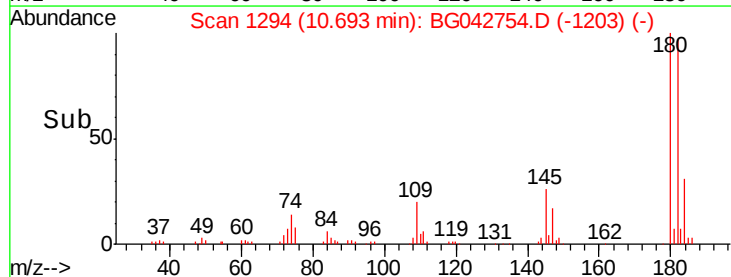
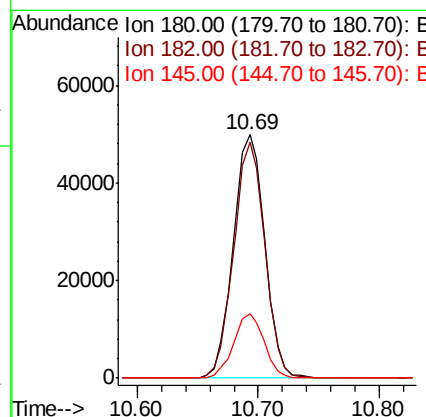
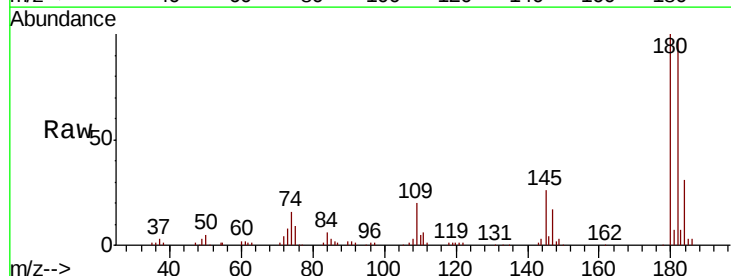
Instrument :
 BNA_G
 ClientSampled :

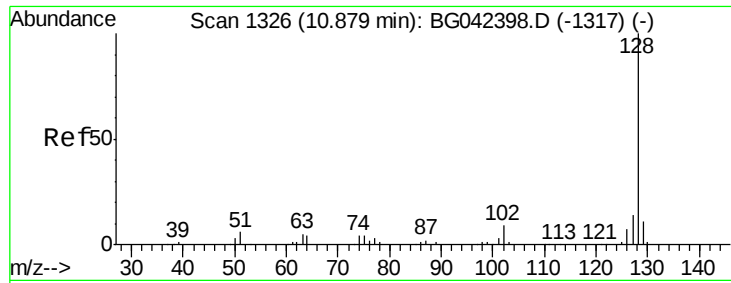
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	48.1	88.1
98	26.1	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 39.210 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.7	118.1
145	26.2	21.6	32.4

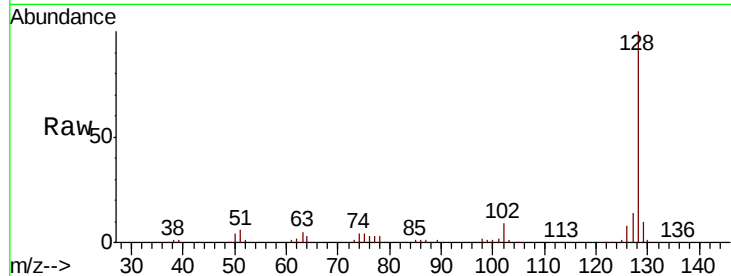




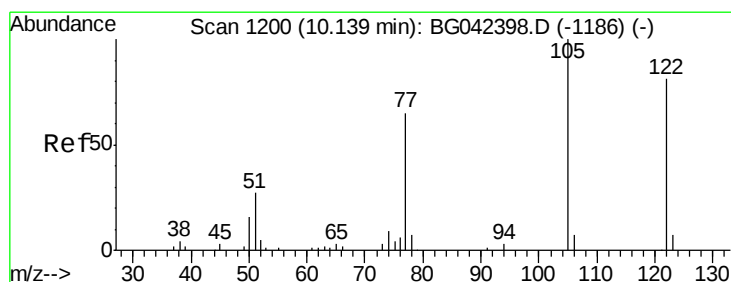
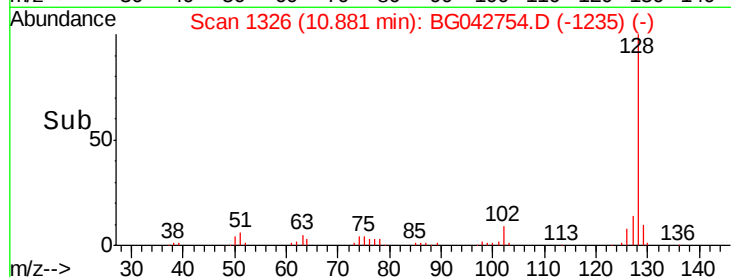
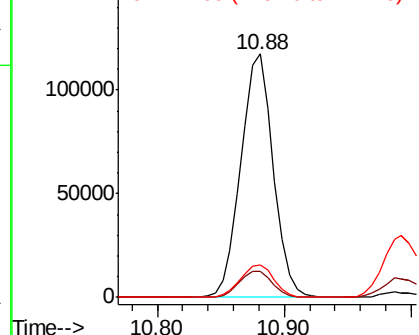
#31
Naphthalene
Concen: 39.166 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 207262
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.6 11.4 17.0

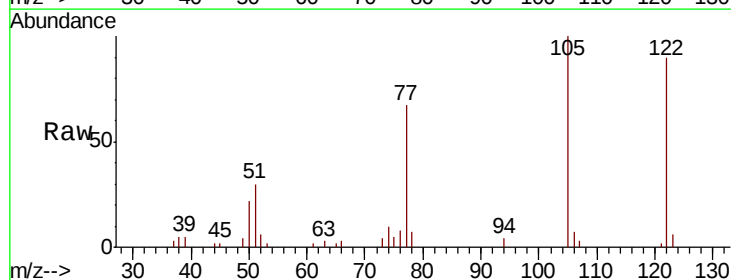


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

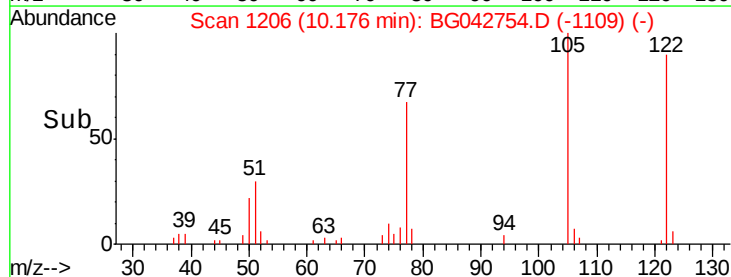
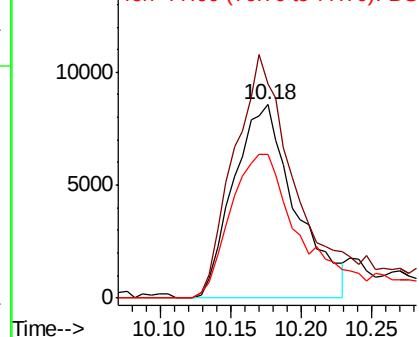


#32
Benzoic acid
Concen: 29.002 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.04 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Tgt Ion:122 Resp: 26270
Ion Ratio Lower Upper
122 100
105 110.8 99.6 139.6
77 74.6 59.5 99.5



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

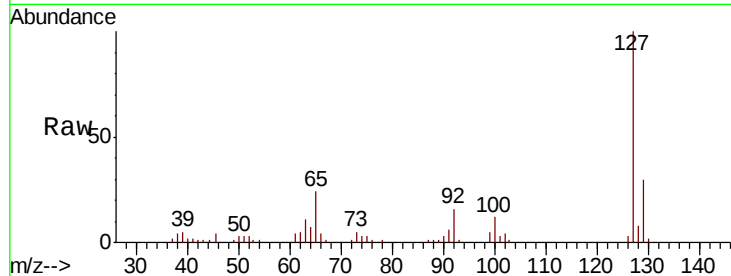




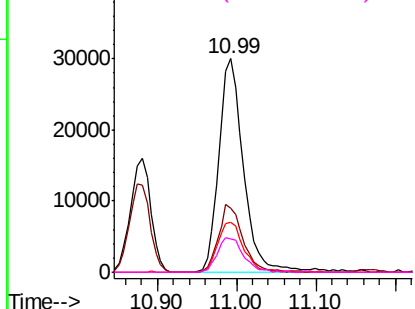
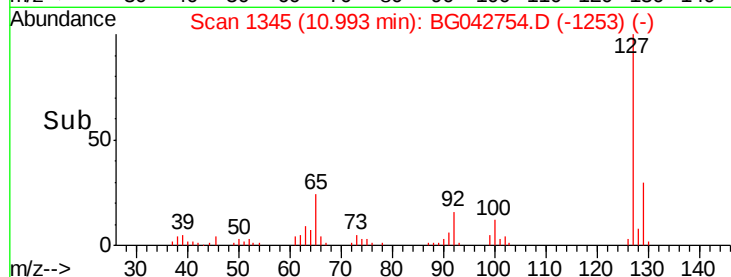
#33
4-Chloroaniline
Concen: 26.530 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	64809
Ion Ratio	Lower	Upper
127	100	
129	30.1	26.8 40.2
65	23.7	20.7 31.1
92	15.7	13.6 20.4

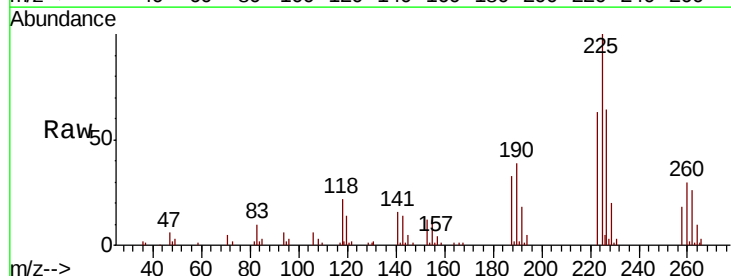


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

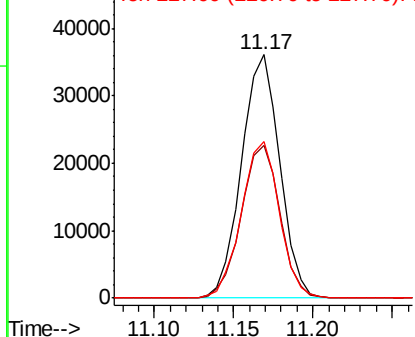
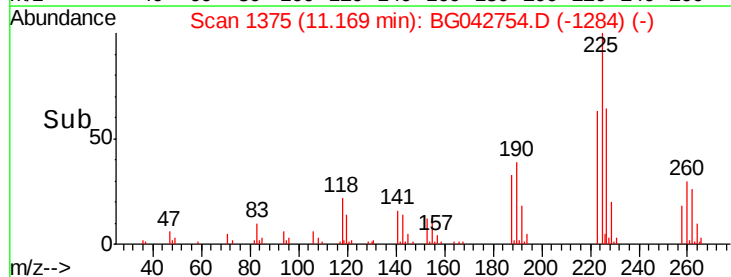


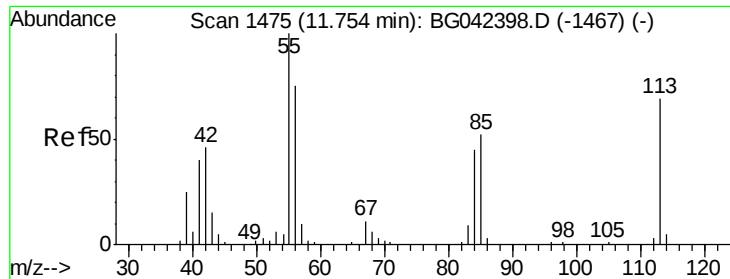
#34
Hexachlorobutadiene
Concen: 38.822 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Tgt Ion:225	Resp:	60412
Ion Ratio	Lower	Upper
225	100	
223	62.5	49.8 74.6
227	64.2	50.9 76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

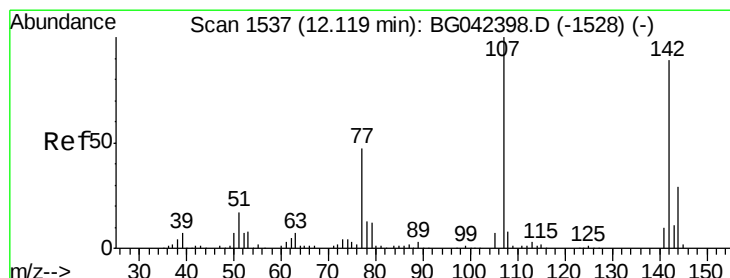
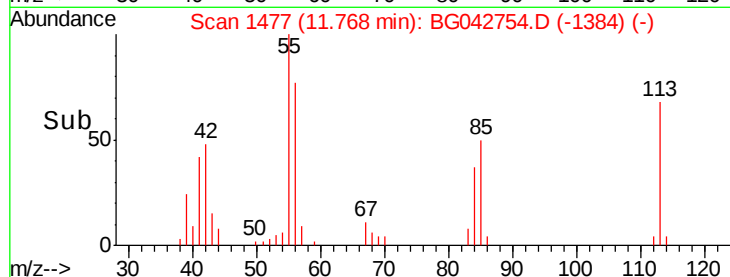
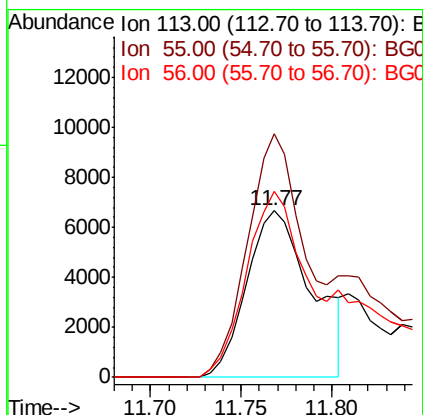
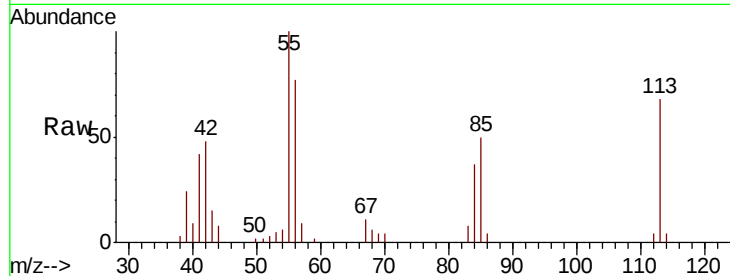




#35
 Caprolactam
 Concen: 26.483 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

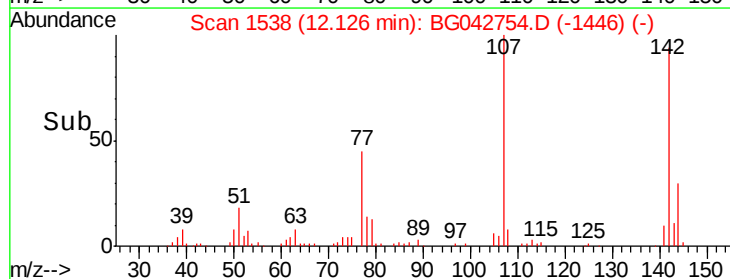
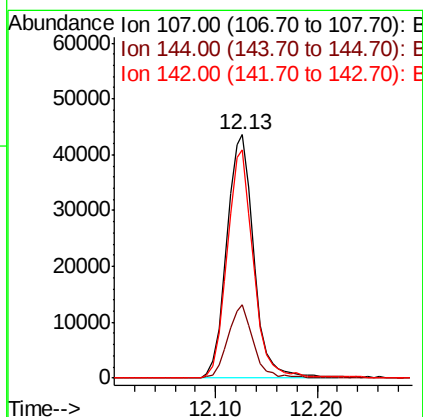
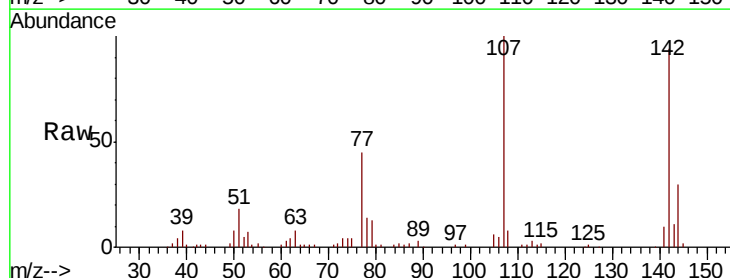
Instrument :
 BNA_G
 ClientSampleId :

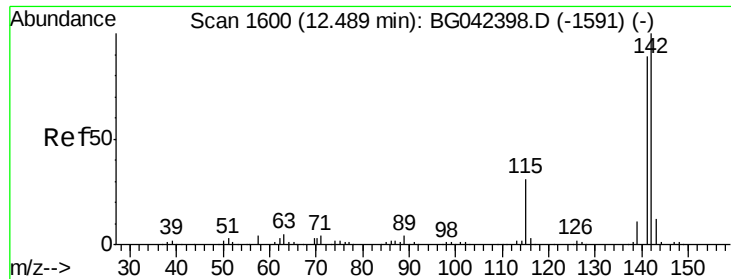
Tot Ion:113 Resp: 16670
 Ion Ratio Lower Upper
 113 100
 55 146.3 124.6 164.6
 56 112.0 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.941 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Tgt Ion:107 Resp: 80478
 Ion Ratio Lower Upper
 107 100
 144 30.3 23.6 35.4
 142 93.6 71.0 106.4

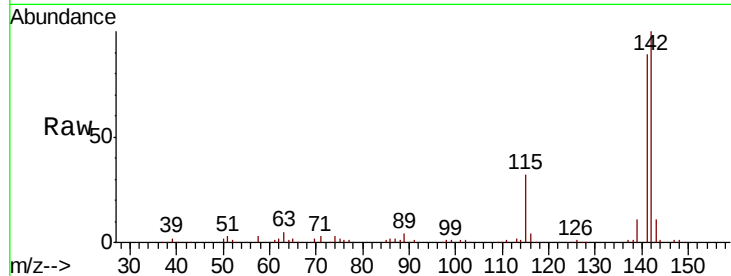




#37
 2-Methylnaphthalene
 Concen: 41.906 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	31.7	25.2	37.8

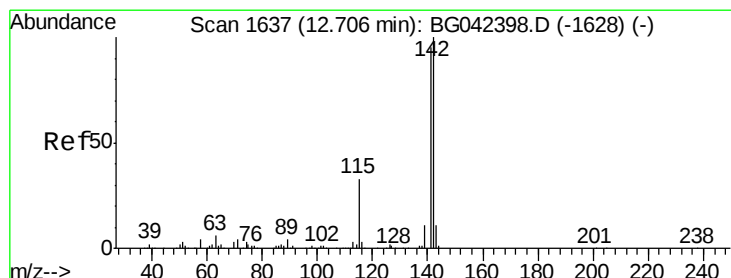
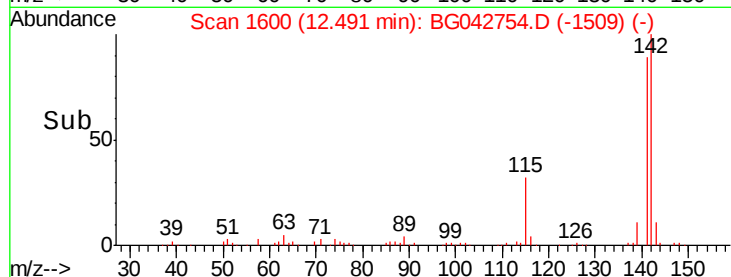
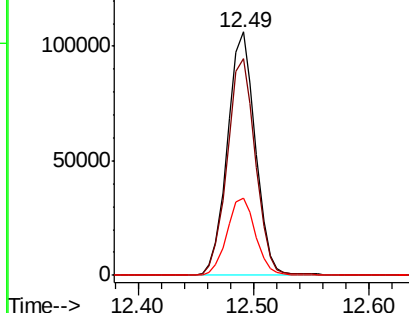


Abundance

Ion 142.00 (141.70 to 142.70): E

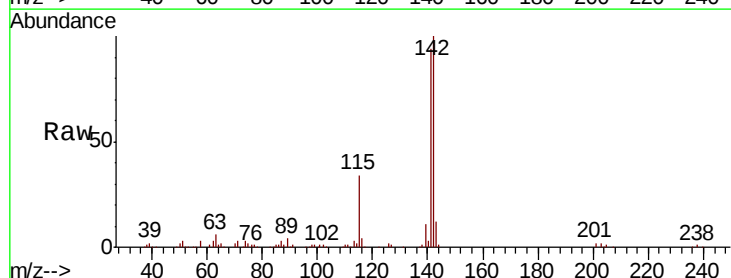
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 41.276 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	76.2	114.2
116	3.6	2.8	4.2

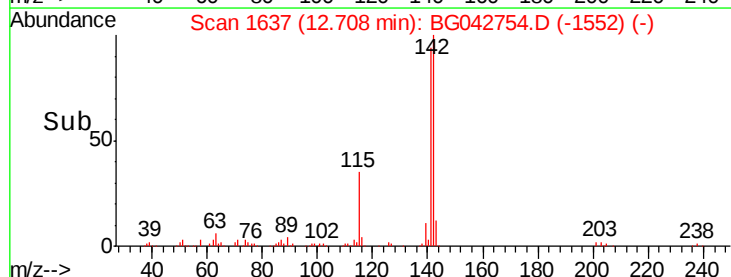
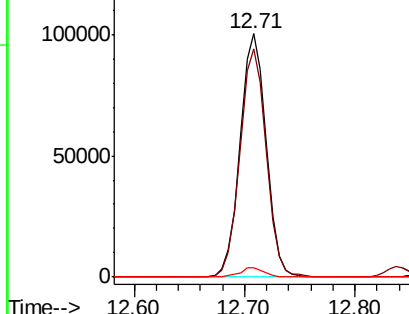


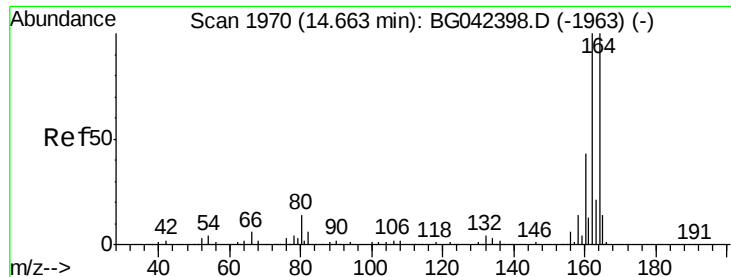
Abundance

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# 1970

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

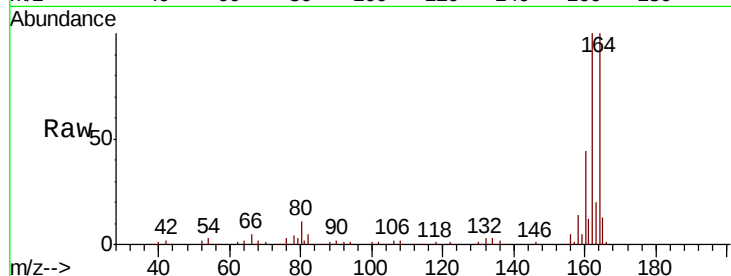
Tot Ion:164 Resp: 96058

Ion Ratio Lower Upper

164 100

162 99.8 79.9 119.9

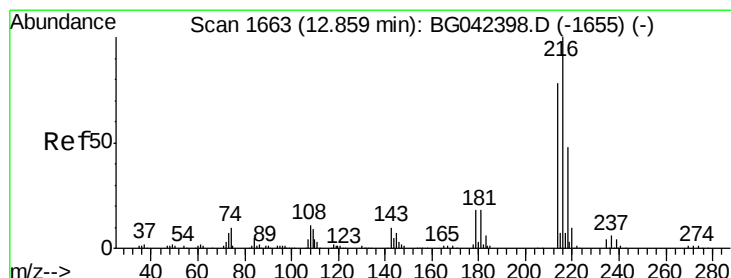
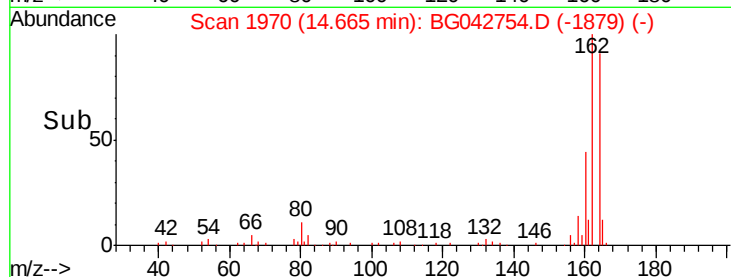
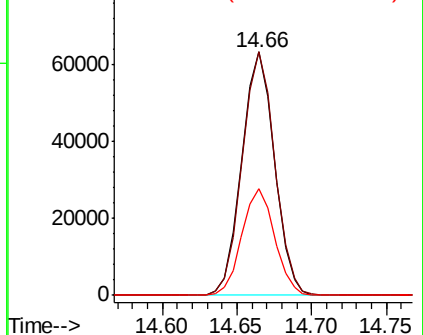
160 43.9 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.266 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Tgt Ion:216 Resp: 124212

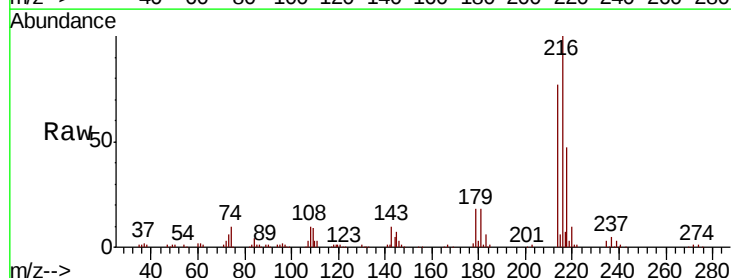
Ion Ratio Lower Upper

216 100

214 76.8 61.4 92.2

179 18.3 15.1 22.7

108 11.1 9.4 14.0

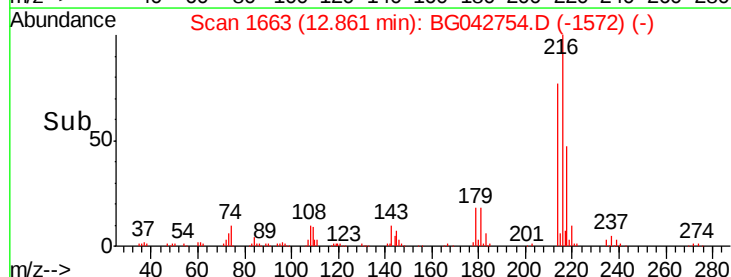
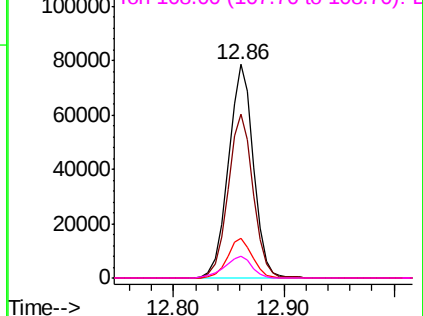


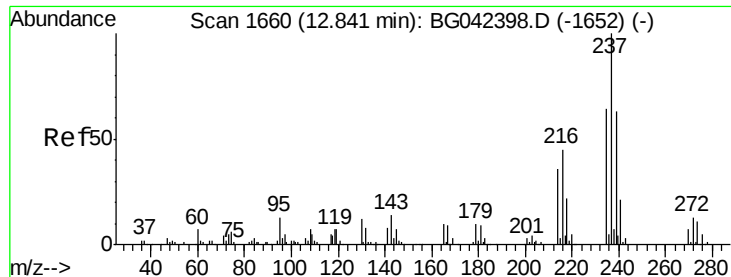
Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.354 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

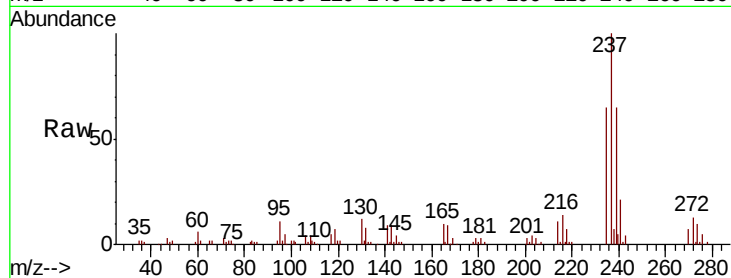
Tot Ion:237 Resp: 75112

Ion Ratio Lower Upper

237 100

235 65.1 43.7 83.7

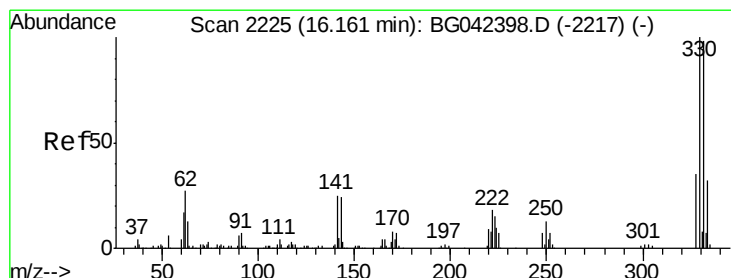
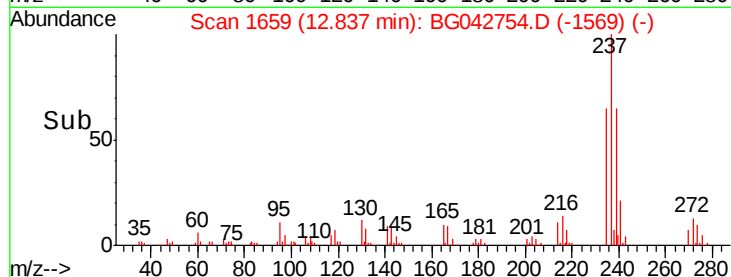
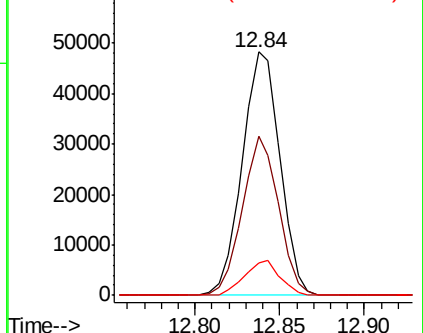
272 13.5 0.0 33.3



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: 118.011 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

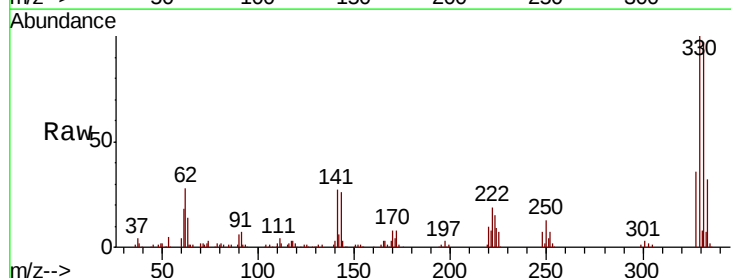
Tgt Ion:330 Resp: 161121

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.0

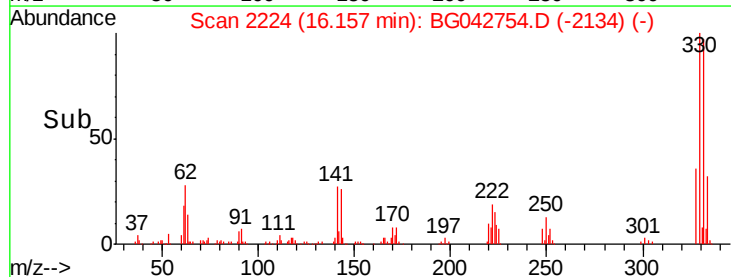
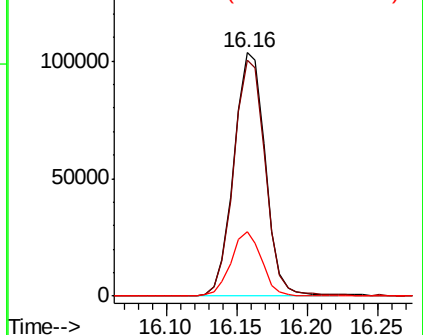
141 25.8 21.4 32.0



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

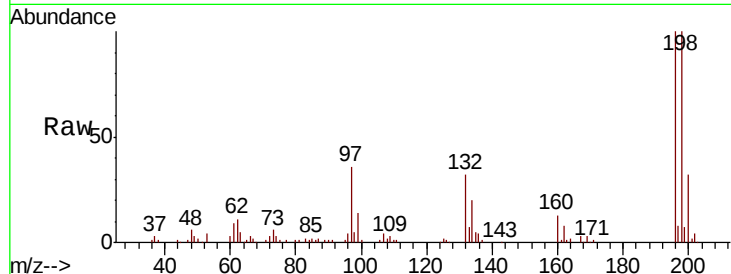




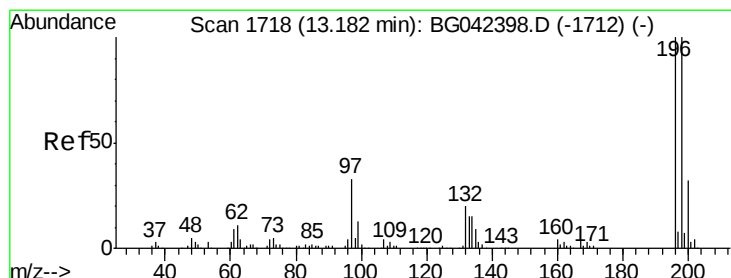
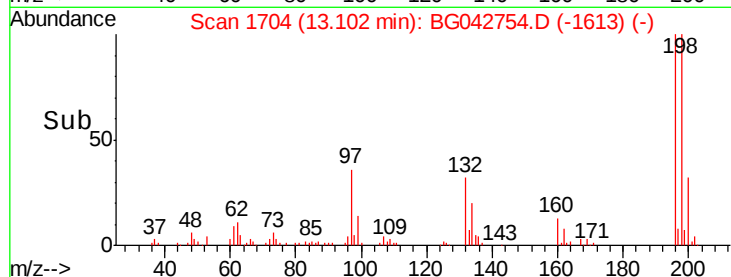
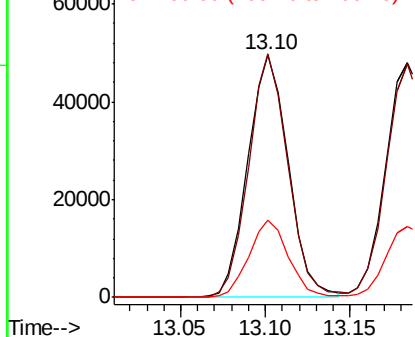
#43
 2,4,6-Trichlorophenol
 Concen: 39.634 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 82640
 Ion Ratio Lower Upper
 196 100
 198 100.3 80.7 121.1
 200 31.8 25.7 38.5

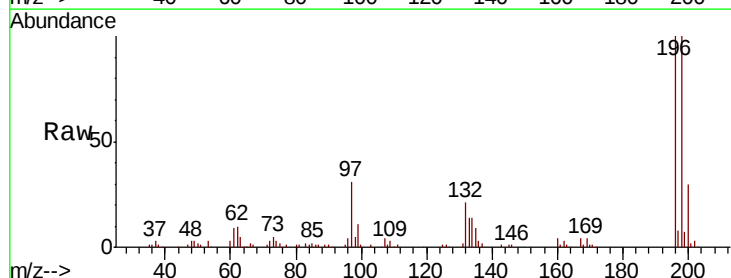


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

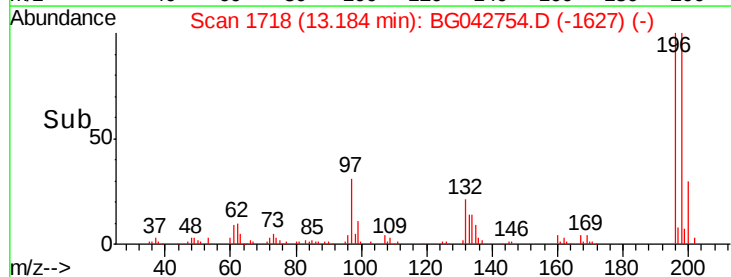
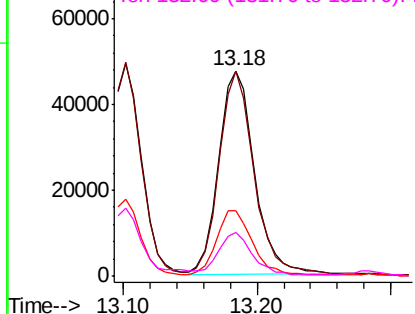


#44
 2,4,5-Trichlorophenol
 Concen: 41.308 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Tgt Ion:196 Resp: 89257
 Ion Ratio Lower Upper
 196 100
 198 99.7 80.2 120.4
 97 31.5 26.3 39.5
 132 20.9 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

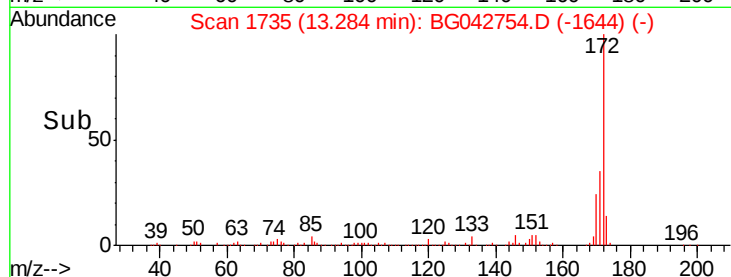
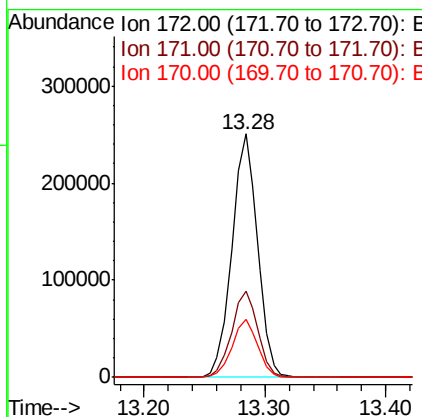
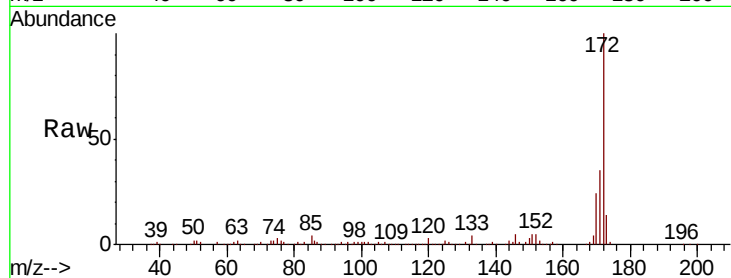




#45
2-Fluorobiphenyl
Concen: 65.265 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

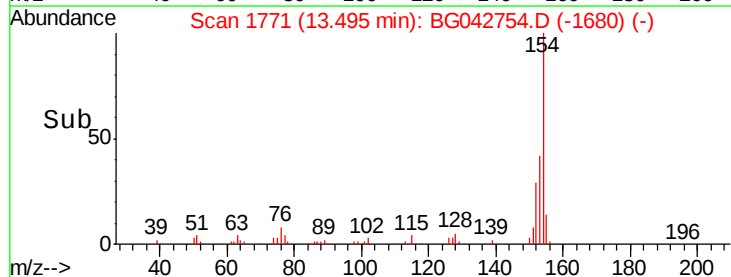
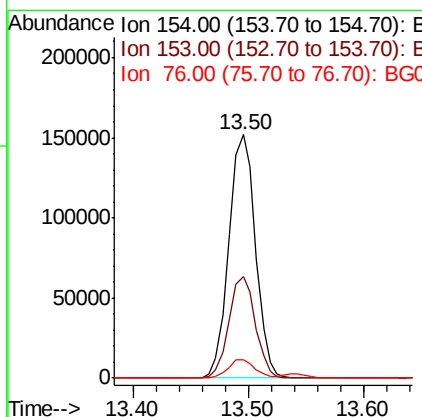
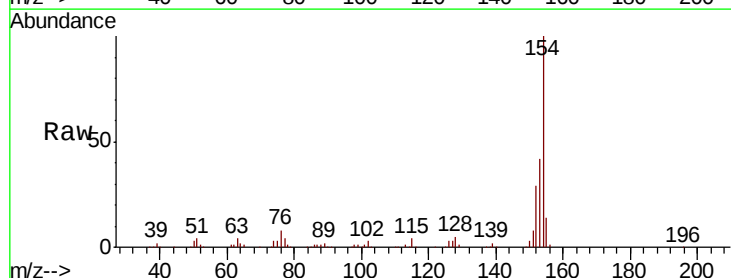
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.5	45.7
170	23.8	20.2	30.2



#46
1,1'-Biphenyl
Concen: 39.064 ng
RT: 13.50 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	23.0	63.0
76	7.7	0.0	29.6

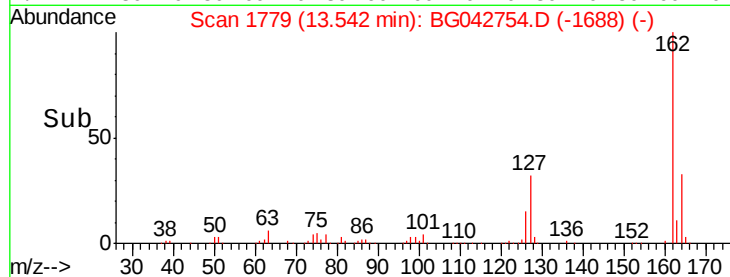
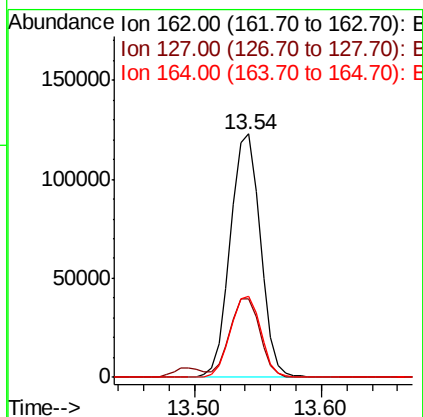
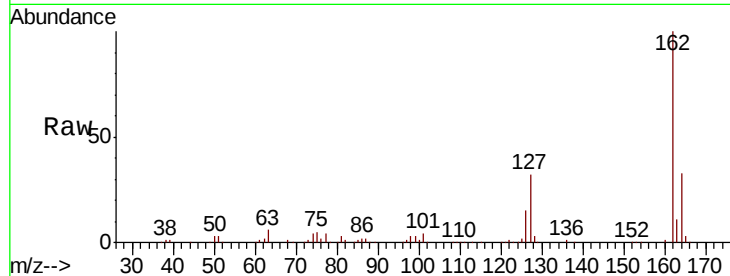




#47
2-Chloronaphthalene
Concen: 37.566 ng
RT: 13.54 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

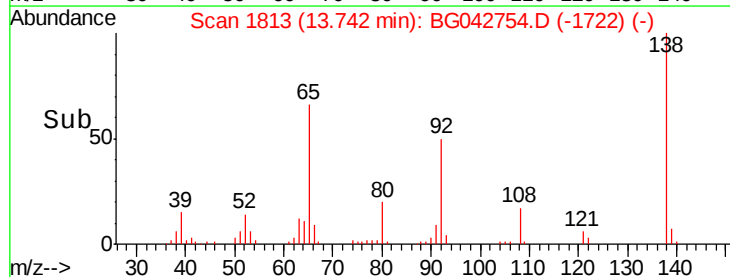
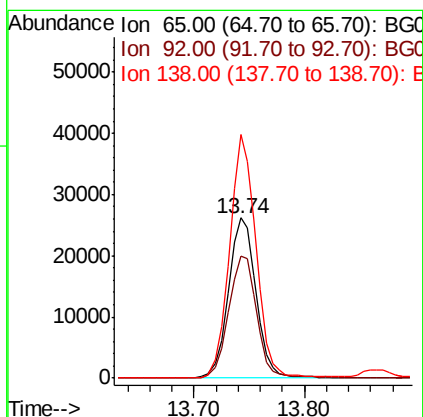
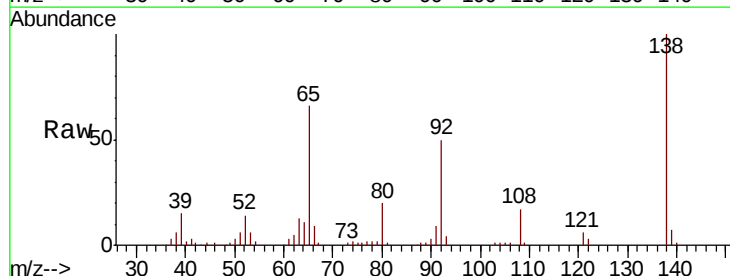
Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 201131
Ion Ratio Lower Upper
162 100
127 32.1 26.0 39.0
164 33.1 27.4 41.0



#48
2-Nitroaniline
Concen: 35.511 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Tgt Ion: 65 Resp: 45848
Ion Ratio Lower Upper
65 100
92 76.6 61.8 92.6
138 152.3 111.0 166.6





#49

Acenaphthylene

Concen: 39.562 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampled :

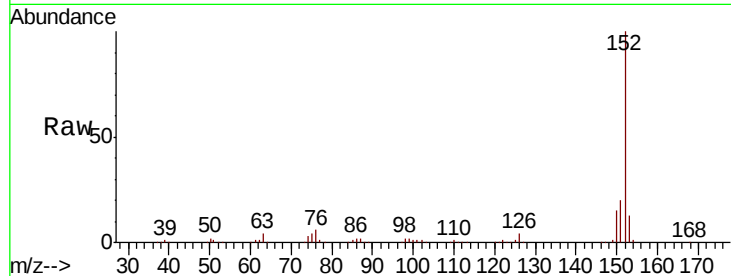
Tot Ion:152 Resp: 318666

Ion Ratio Lower Upper

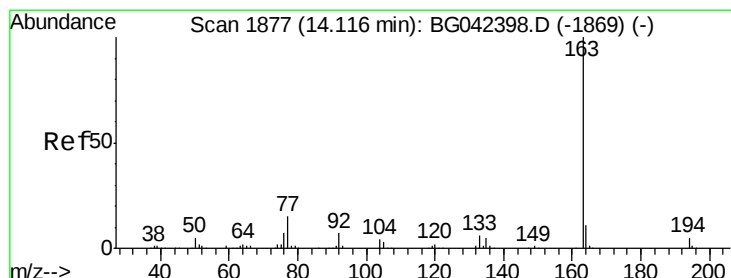
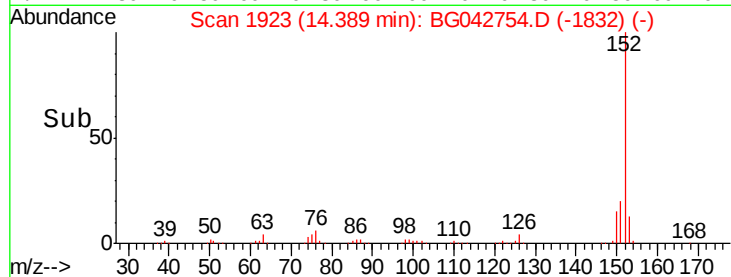
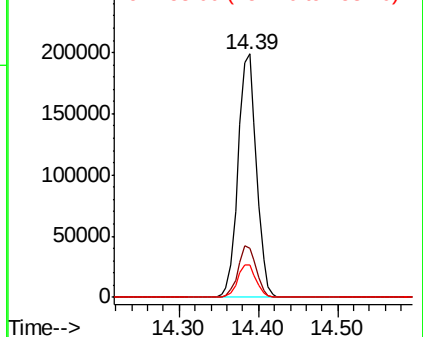
152 100

151 20.4 17.0 25.4

153 13.3 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: 39.900 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

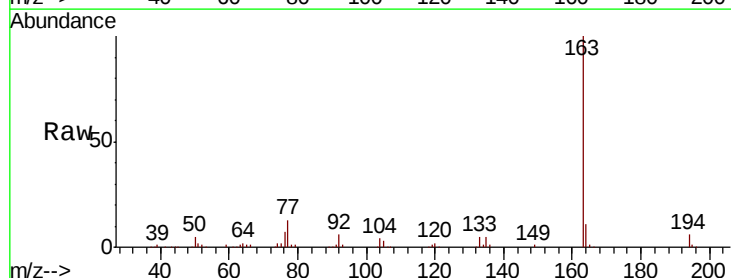
Tgt Ion:163 Resp: 276546

Ion Ratio Lower Upper

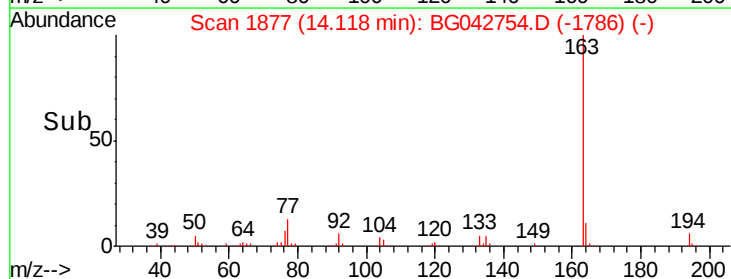
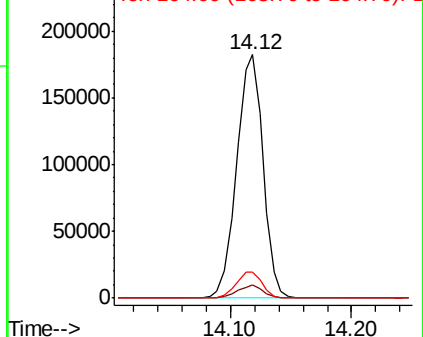
163 100

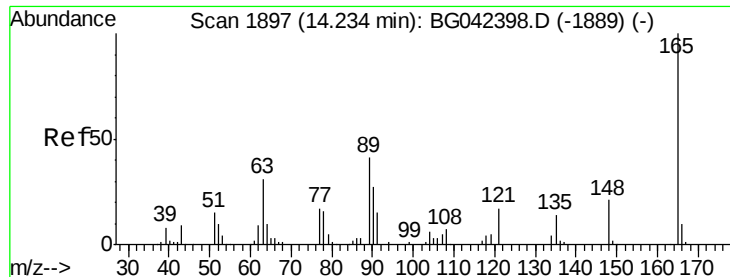
194 5.6 4.2 6.2

164 10.6 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

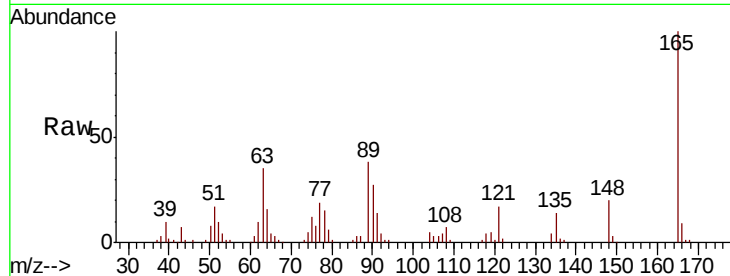




#51
 2,6-Dinitrotoluene
 Concen: 41.235 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.0	30.6	45.8
89	38.0	32.6	49.0

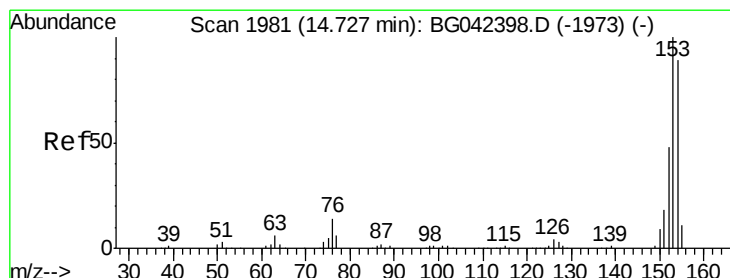
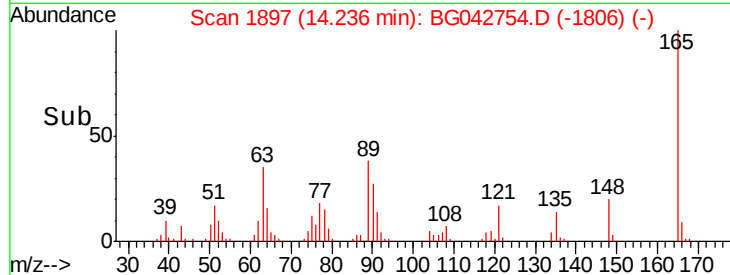
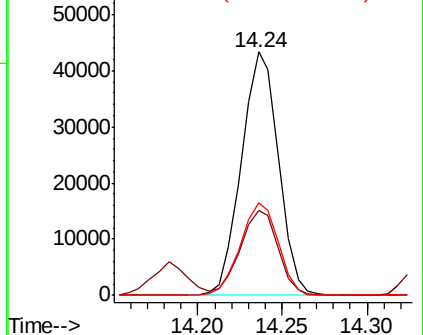


Abundance

Ion 165.00 (164.70 to 165.70): E

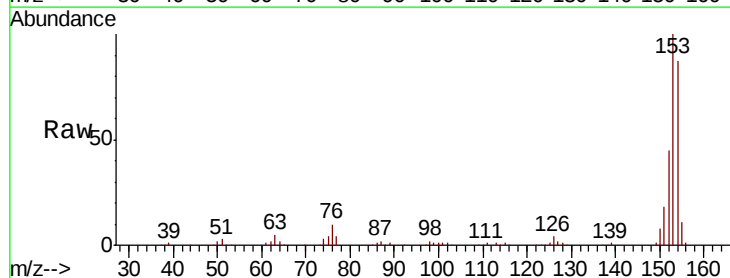
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
 Acenaphthene
 Concen: 38.358 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.4	90.2	135.4
152	52.3	43.2	64.8

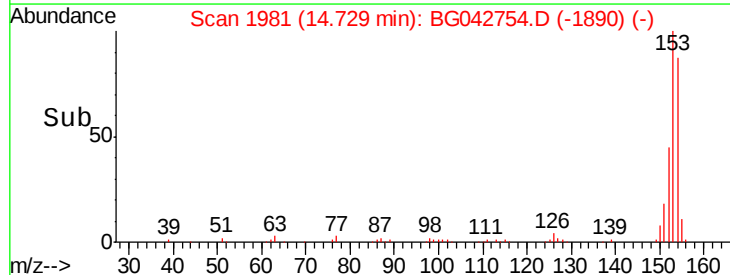
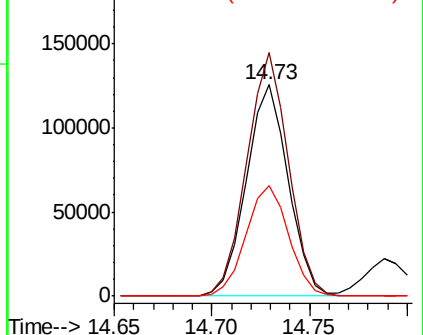


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

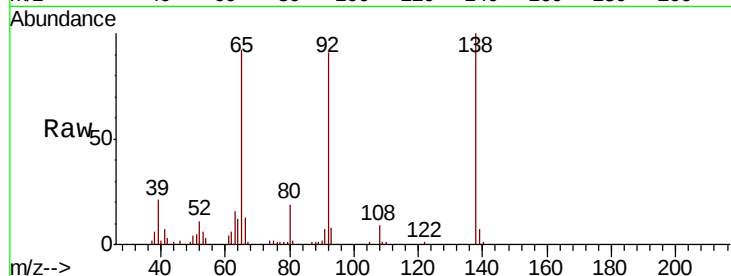




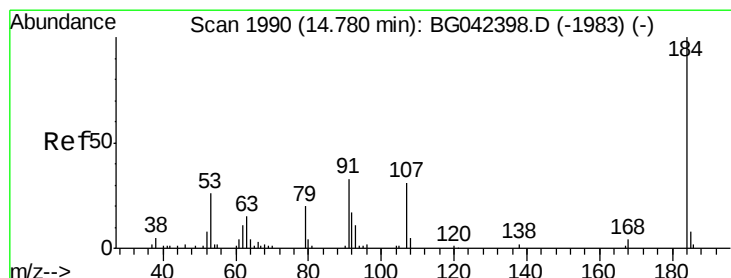
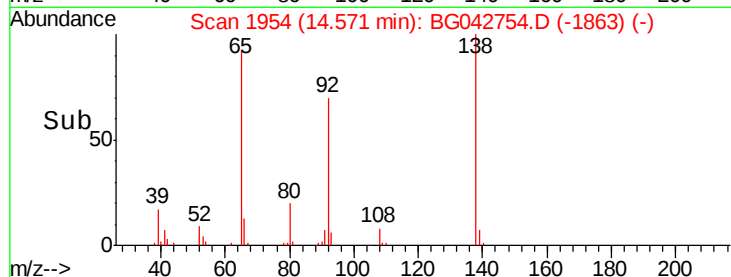
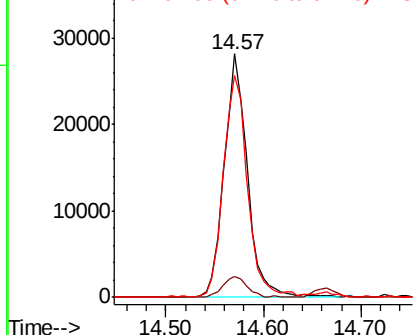
#53
3-Nitroaniline
Concen: 28.974 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 46552
Ion Ratio Lower Upper
138 100
108 8.6 8.3 12.5
92 90.9 78.2 117.4

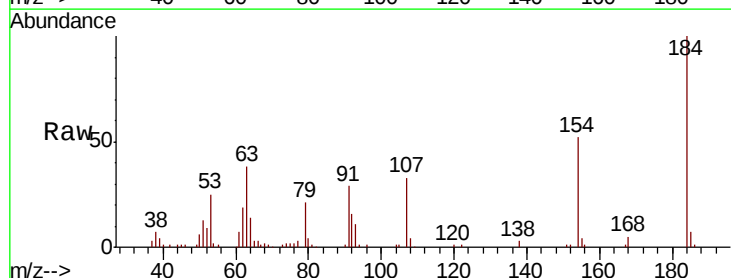


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

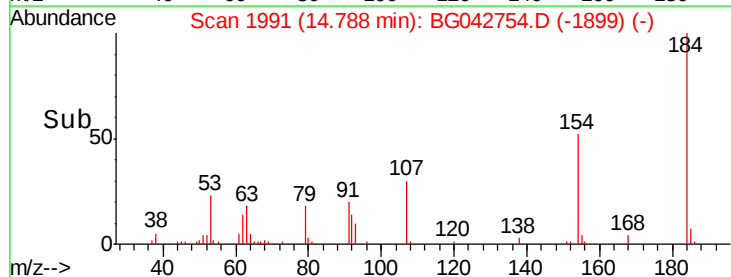
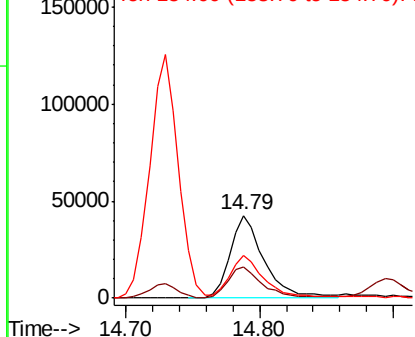


#54
2,4-Dinitrophenol
Concen: 70.294 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Tgt Ion:184 Resp: 75233
Ion Ratio Lower Upper
184 100
63 37.9 31.7 47.5
154 52.4 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

Dibenzenofuran

Concen: 41.026 ng

RT: 15.06 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampled :

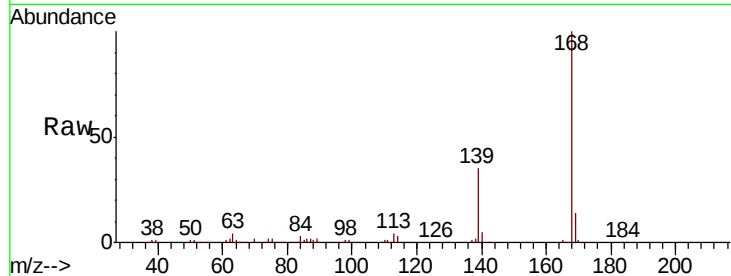
Tot Ion:168 Resp: 332152

Ion Ratio Lower Upper

168 100

139 35.1 27.2 40.8

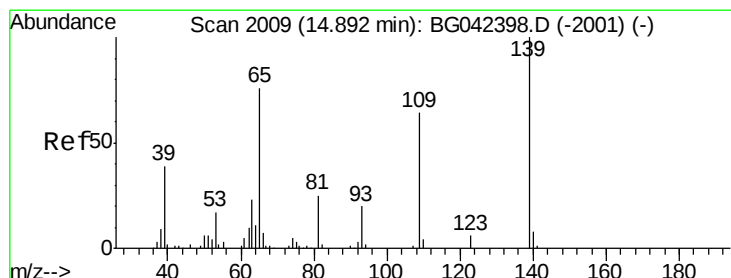
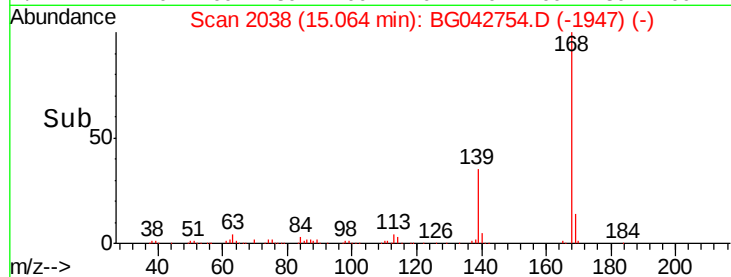
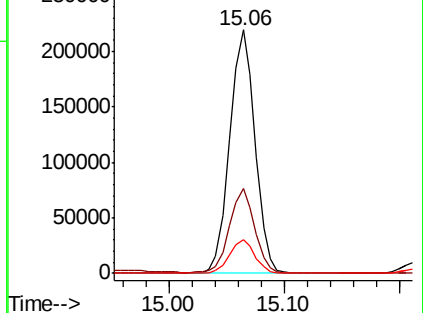
169 13.8 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 79.055 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

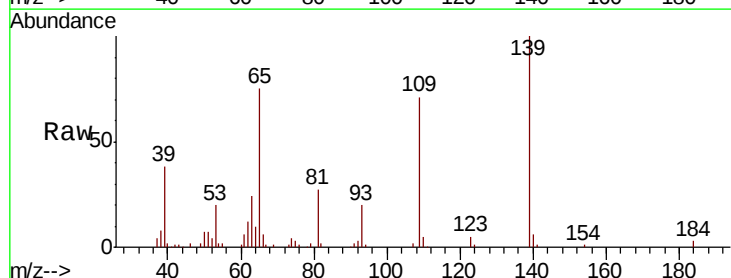
Tgt Ion:139 Resp: 90255

Ion Ratio Lower Upper

139 100

109 71.3 43.9 83.9

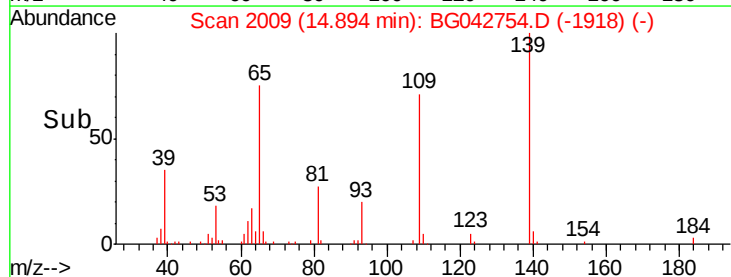
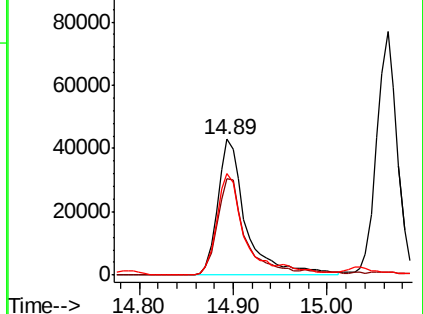
65 74.5 56.3 96.3

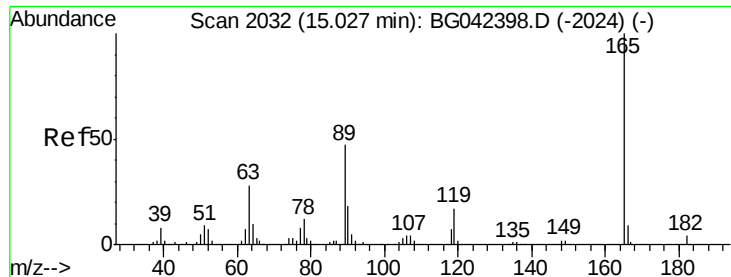


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

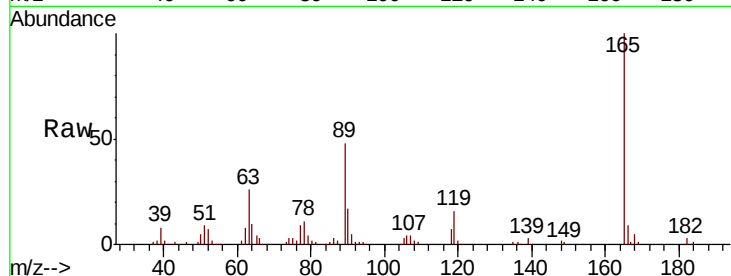




#57
2,4-Dinitrotoluene
Concen: 41.880 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	25.9	22.5	33.7
89	48.1	37.8	56.6
182	3.2	3.0	4.4



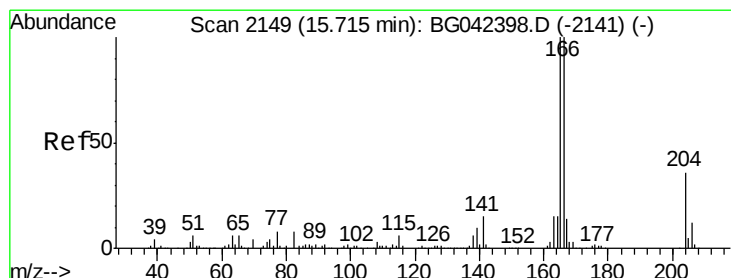
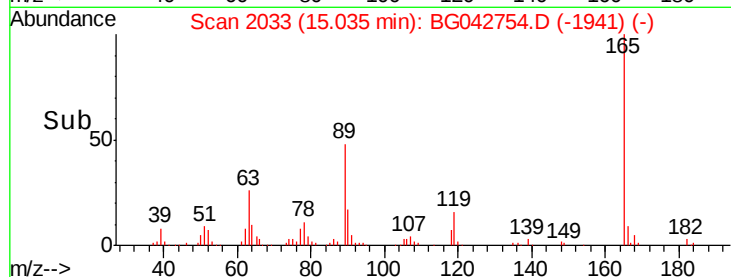
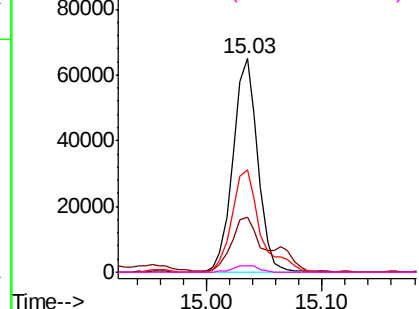
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

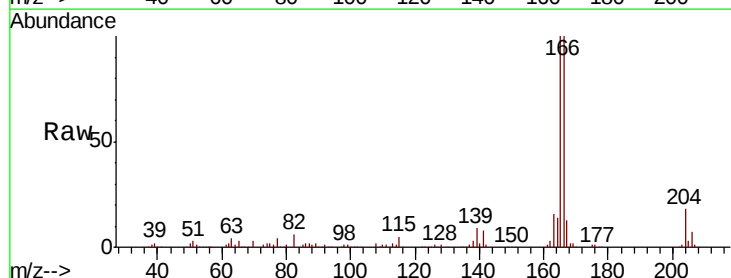
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.774 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.7	119.5
167	13.4	10.9	16.3

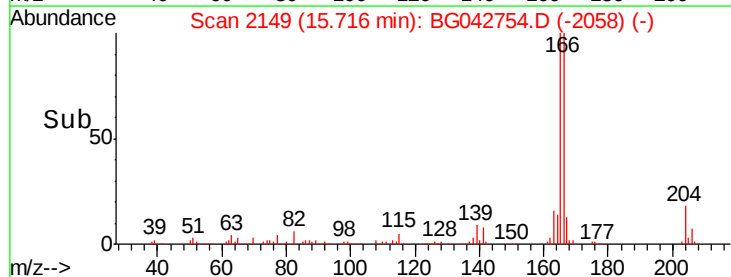
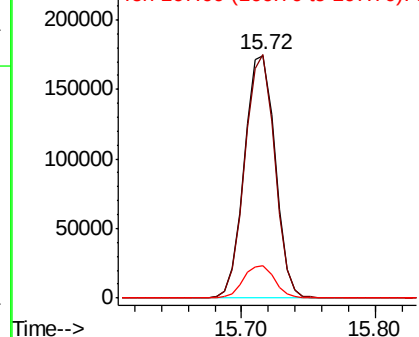


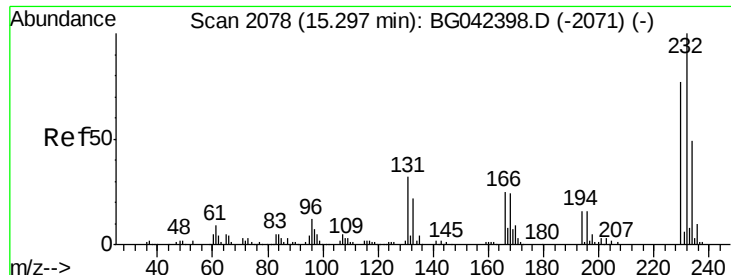
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

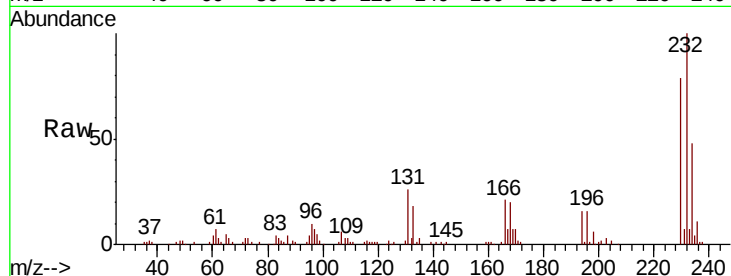




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.315 ng
RT: 15.22 min Scan# 2064
Delta R.T. -0.08 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	27.3	22.9	34.3
130	1.5	1.4	2.0
166	20.3	17.0	25.4



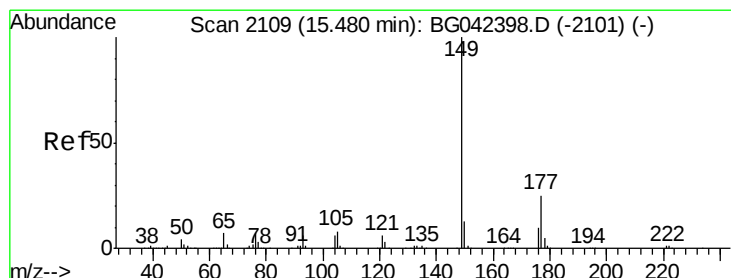
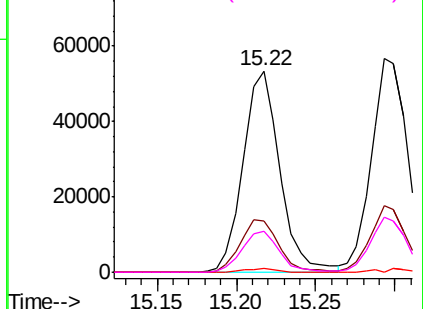
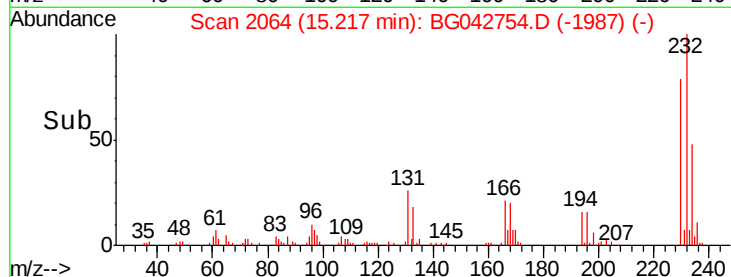
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

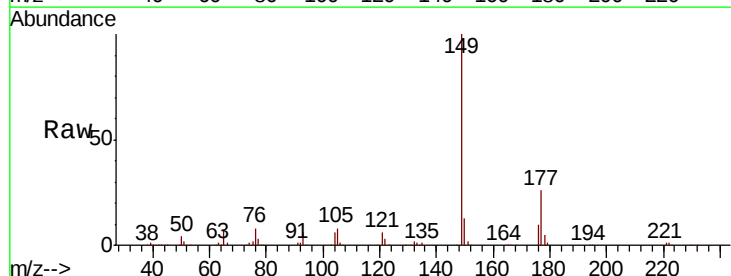
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.569 ng
RT: 15.48 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.0	20.4	30.6
150	13.0	10.3	15.5

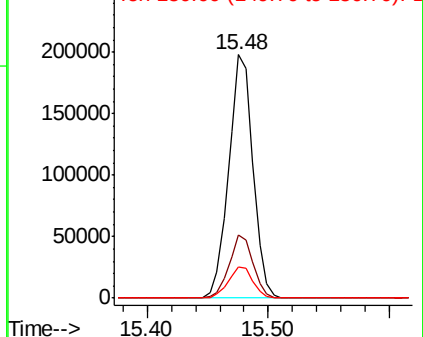
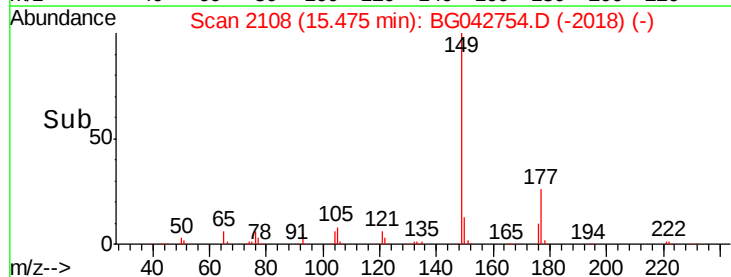


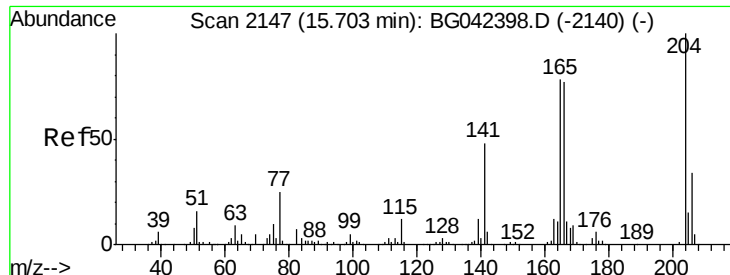
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

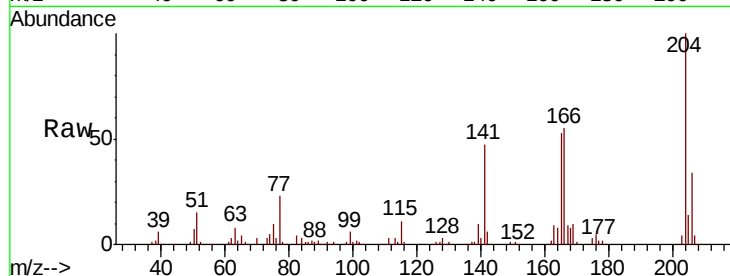




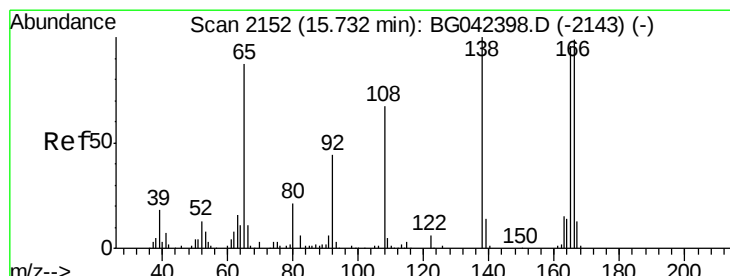
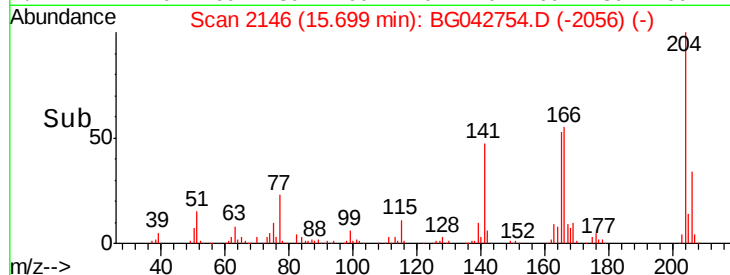
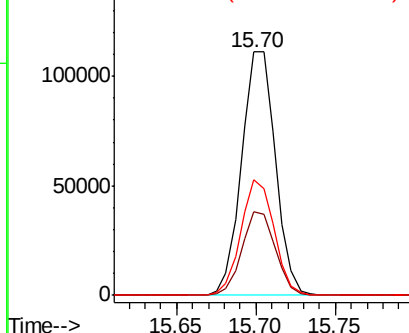
#61
 4-Chlorophenyl-phenylether
 Concen: 41.393 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 165140
 Ion Ratio Lower Upper
 204 100
 206 34.3 27.2 40.8
 141 47.4 38.7 58.1

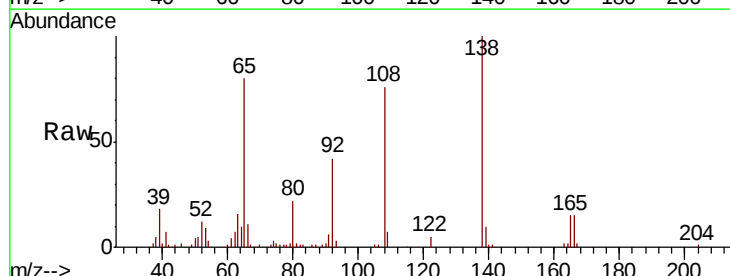


Abundance Ion 204.00 (203.70 to 204.70): E
 150000 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

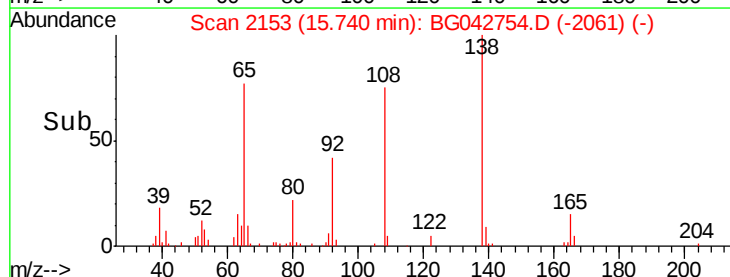
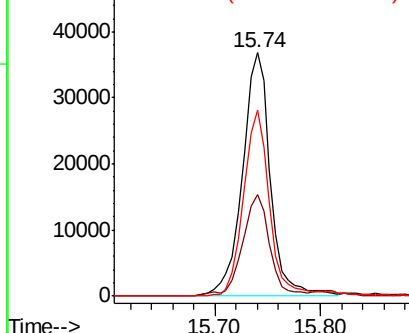


#62
 4-Nitroaniline
 Concen: 39.301 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Tgt Ion:138 Resp: 67580
 Ion Ratio Lower Upper
 138 100
 92 41.8 24.2 64.2
 108 76.2 46.8 86.8



Abundance Ion 138.00 (137.70 to 138.70): E
 50000 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

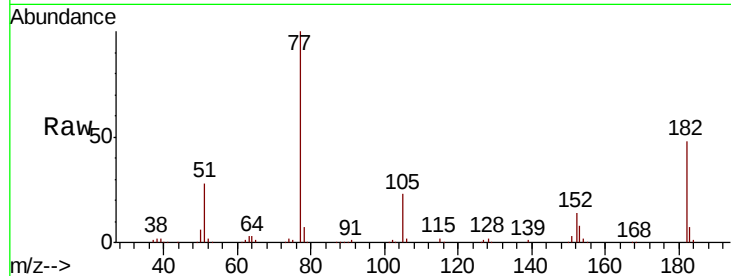




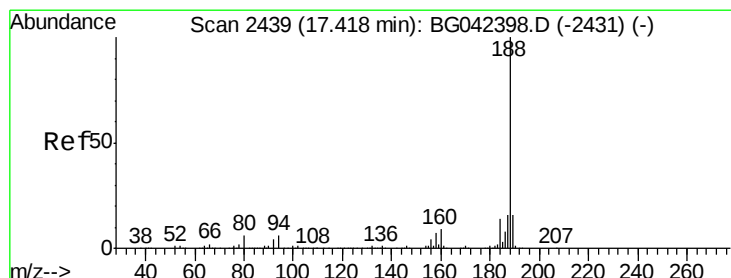
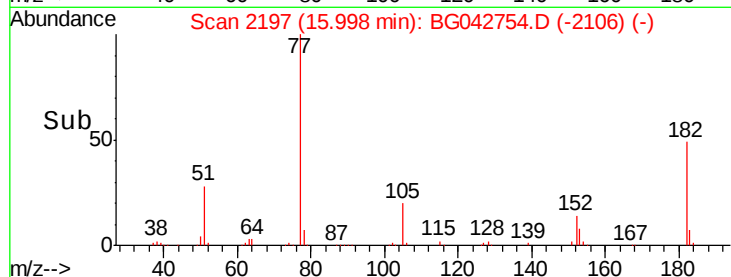
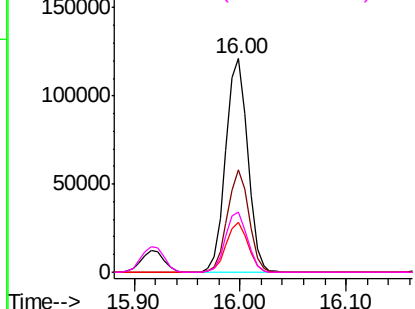
#63
Azobenzene
Concen: 37.653 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 174810
Ion Ratio Lower Upper
77 100
182 47.9 19.9 59.9
105 23.1 2.9 42.9
51 28.3 7.6 47.6

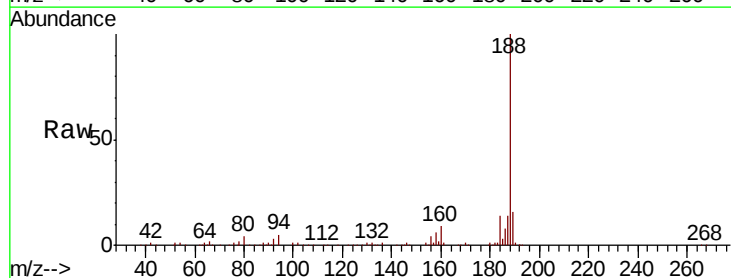


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

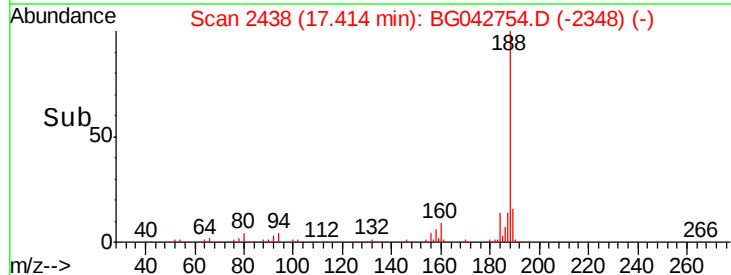
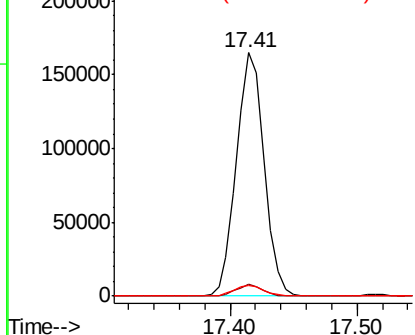


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Tgt Ion: 188 Resp: 249688
Ion Ratio Lower Upper
188 100
94 4.7 4.5 6.7
80 4.5 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

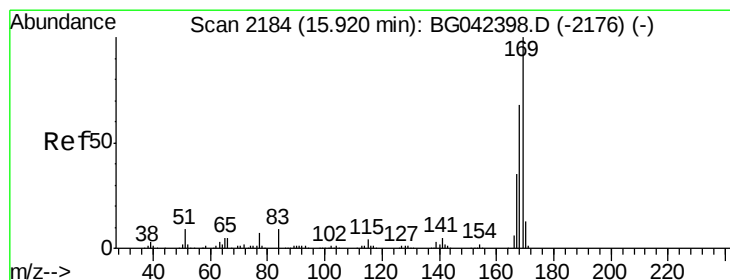
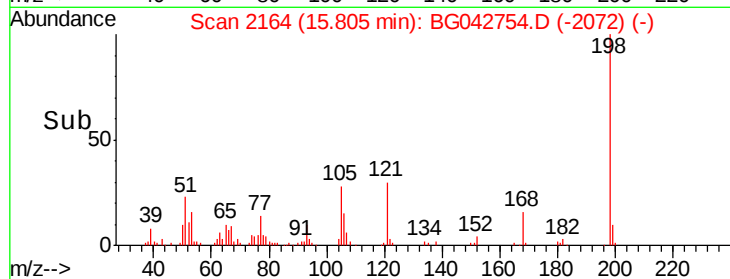
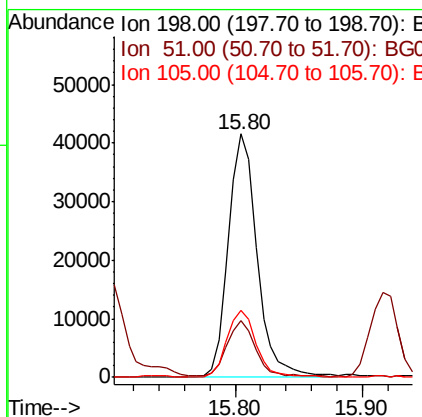
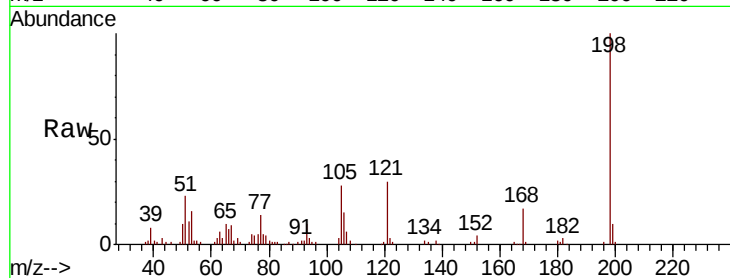




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.824 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

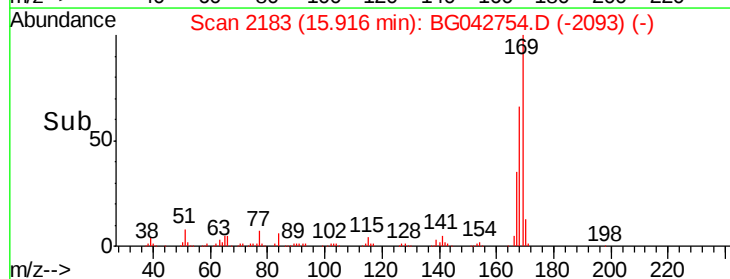
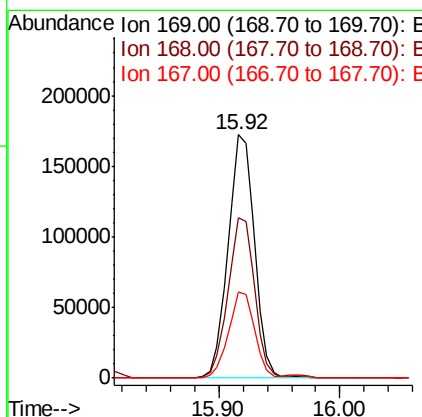
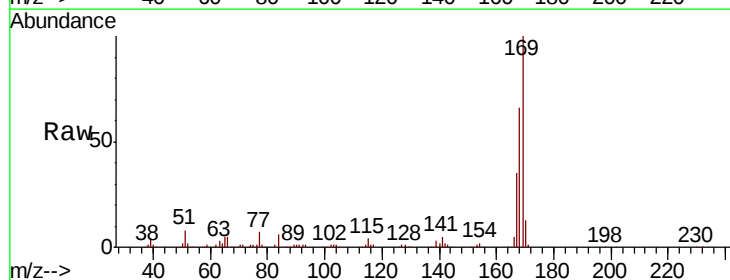
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 65473
 Ion Ratio Lower Upper
 198 100
 51 23.5 4.2 44.2
 105 27.7 8.8 48.8



#66
 n-Nitrosodiphenylamine
 Concen: 38.178 ng
 RT: 15.92 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Tgt Ion:169 Resp: 262151
 Ion Ratio Lower Upper
 169 100
 168 66.1 54.3 81.5
 167 35.3 28.2 42.2

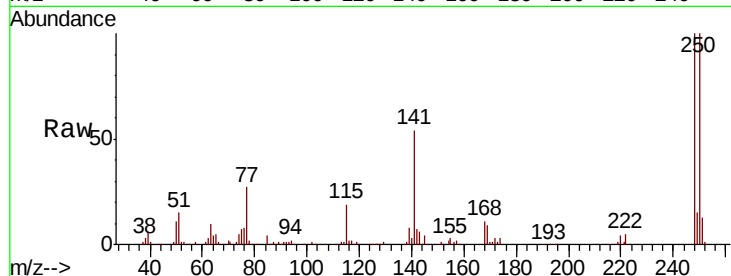




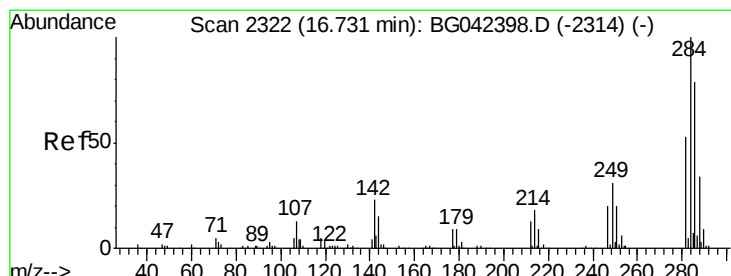
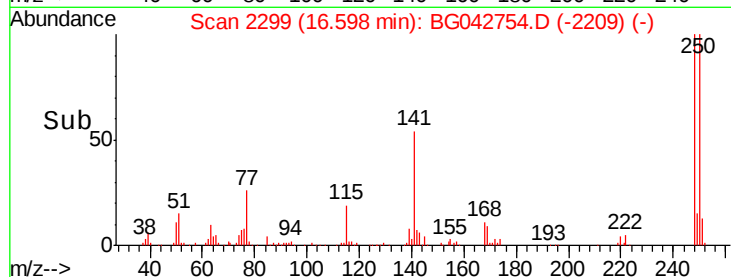
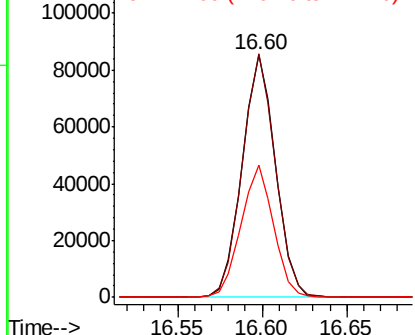
#67
 4-Bromophenyl-phenylether
 Concen: 37.072 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 117413
 Ion Ratio Lower Upper
 248 100
 250 100.3 78.9 118.3
 141 54.6 43.3 64.9

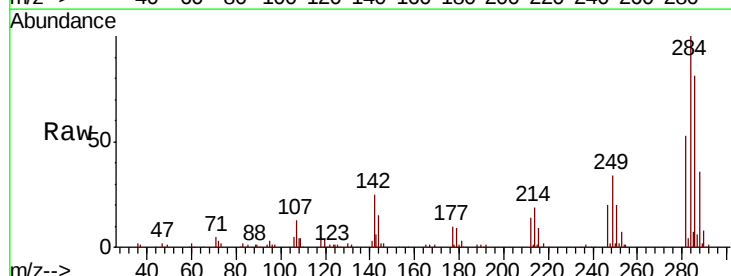


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

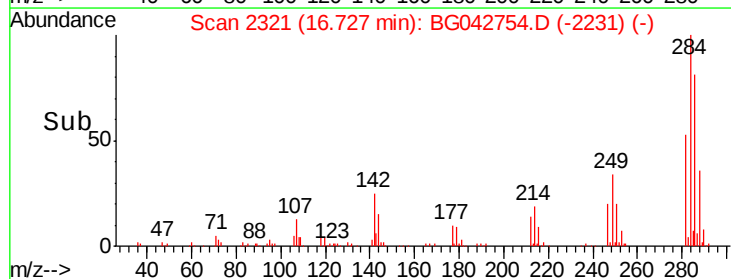
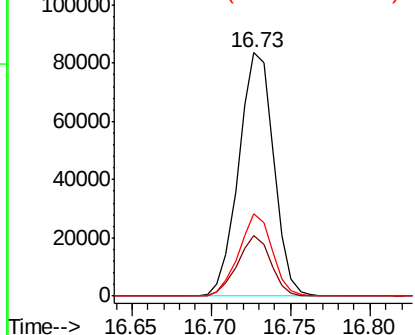


#68
 Hexachlorobenzene
 Concen: 37.055 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Tgt Ion:284 Resp: 127578
 Ion Ratio Lower Upper
 284 100
 142 24.9 18.2 27.4
 249 33.6 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: 42.338 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampled :

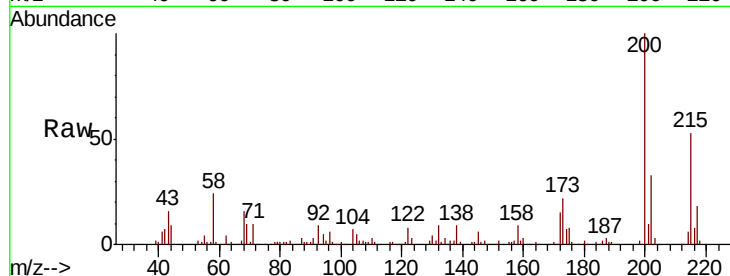
Tot Ion:200 Resp: 102807

Ion Ratio Lower Upper

200 100

173 22.3 4.9 44.9

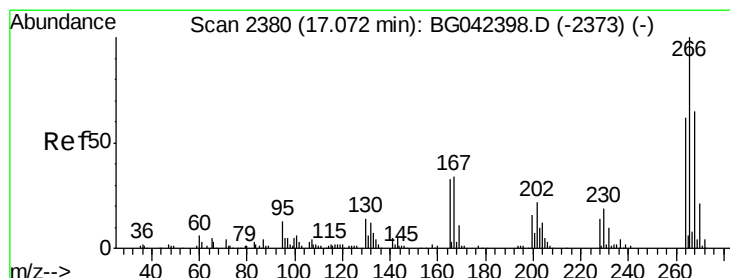
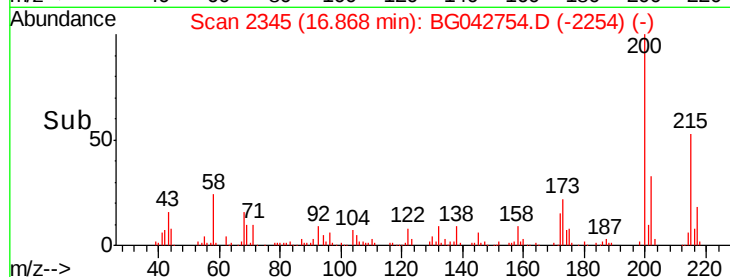
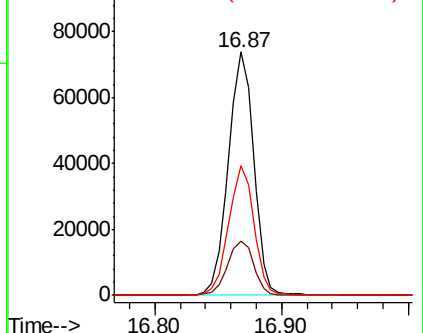
215 53.1 30.7 70.7



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: 77.652 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

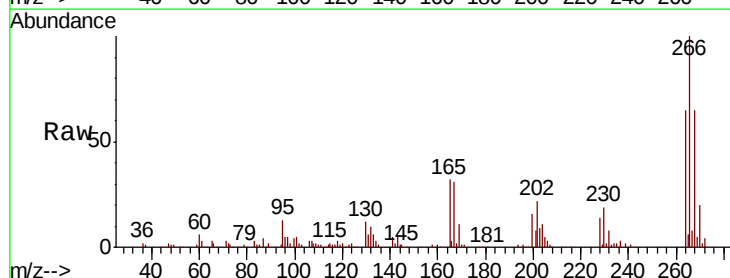
Tgt Ion:266 Resp: 138910

Ion Ratio Lower Upper

266 100

268 64.8 52.1 78.1

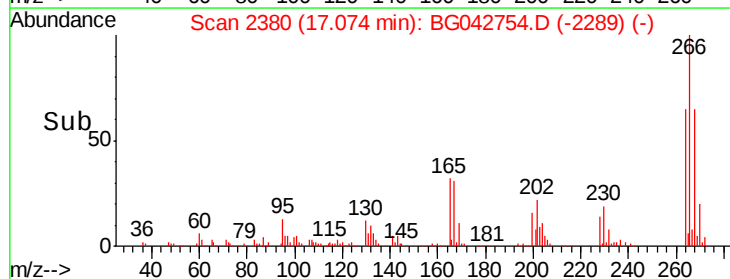
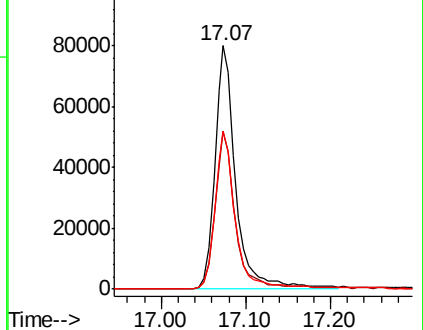
264 64.9 49.4 74.2

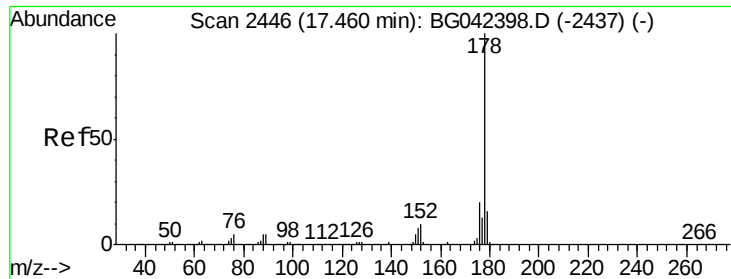


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

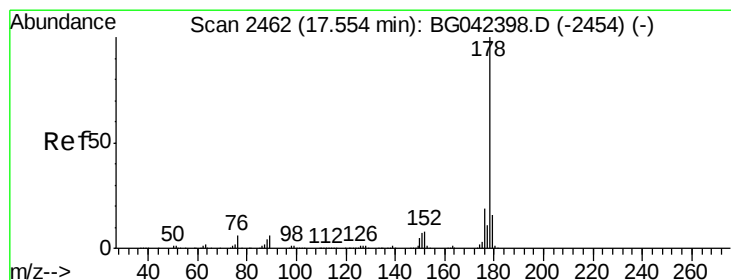
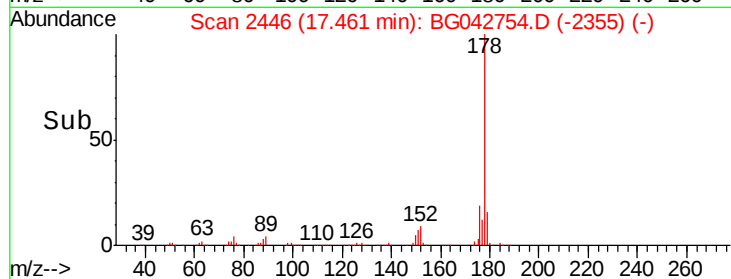
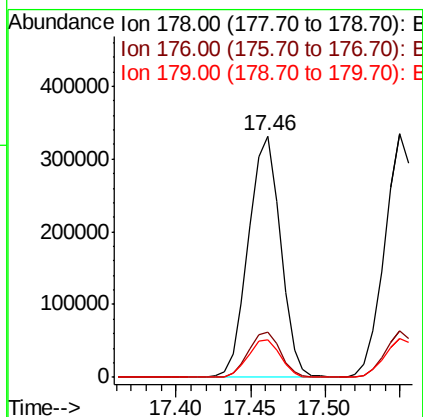
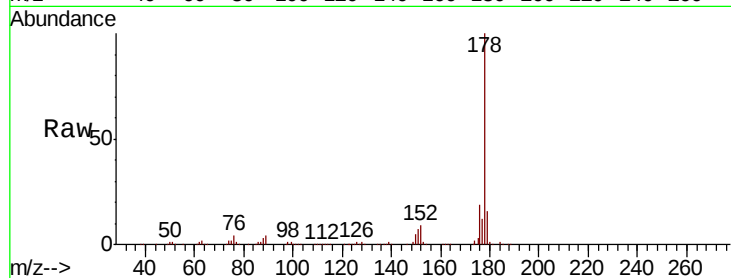




#71
Phenanthrene
Concen: 39.790 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

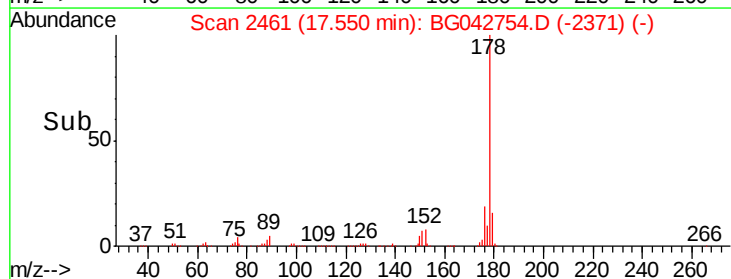
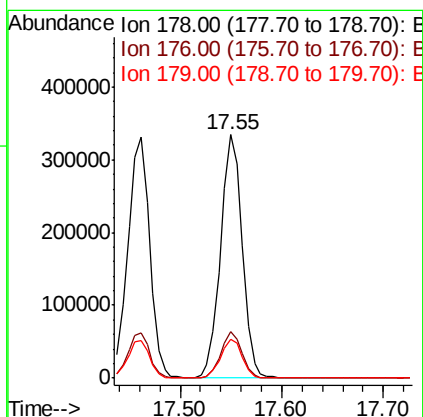
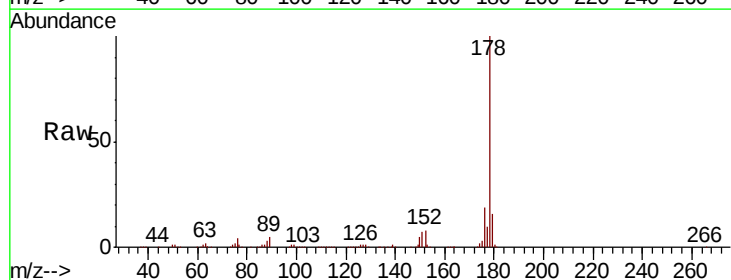
Instrument :
BNA_G
ClientSampleId :

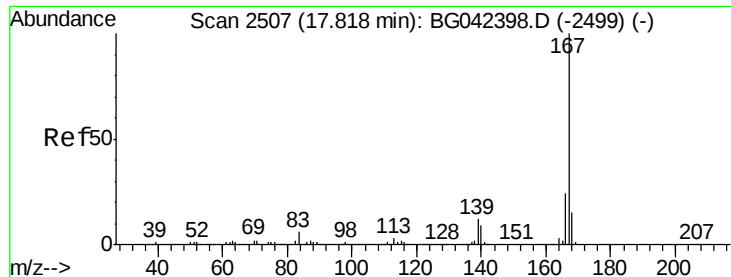
Tot Ion:178 Resp: 493493
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.6 12.7 19.1



#72
Anthracene
Concen: 40.104 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Tgt Ion:178 Resp: 496539
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 16.1 12.9 19.3





#73

Carbazole

Concen: 40.514 ng

RT: 17.82 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

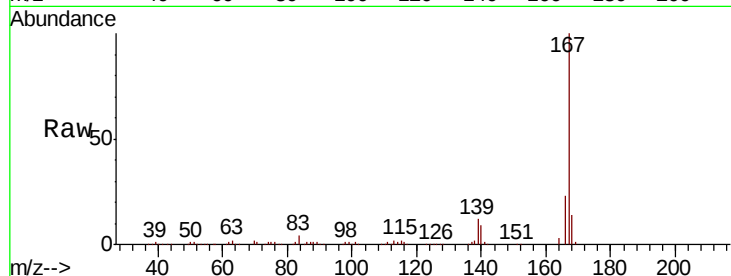
Tot Ion:167 Resp: 447068

Ion Ratio Lower Upper

167 100

166 22.9 18.9 28.3

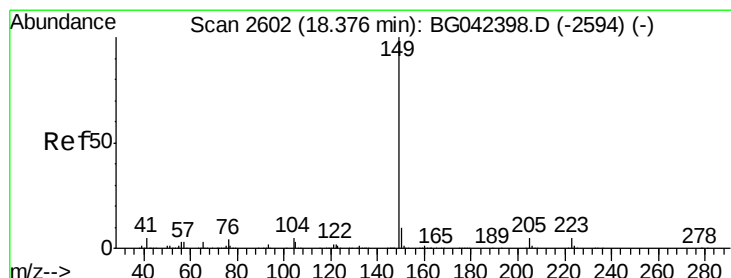
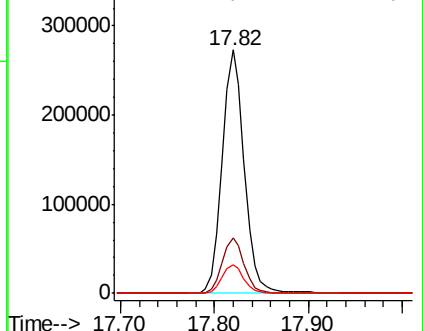
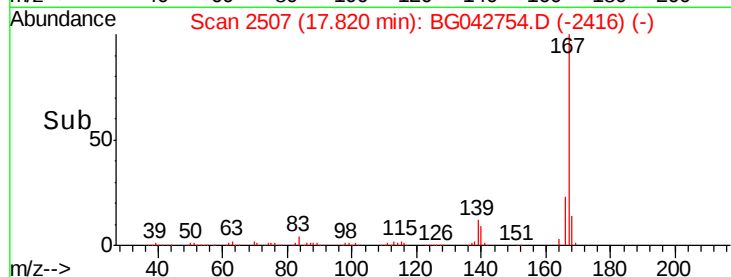
139 11.9 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.398 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

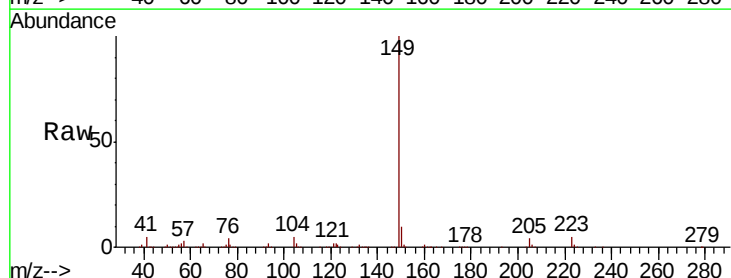
Tgt Ion:149 Resp: 513911

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

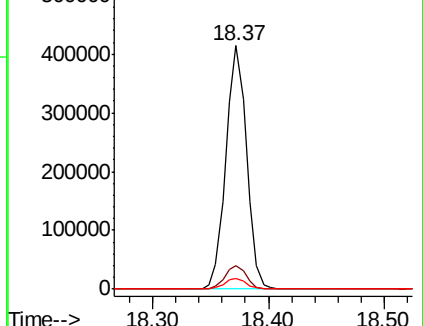
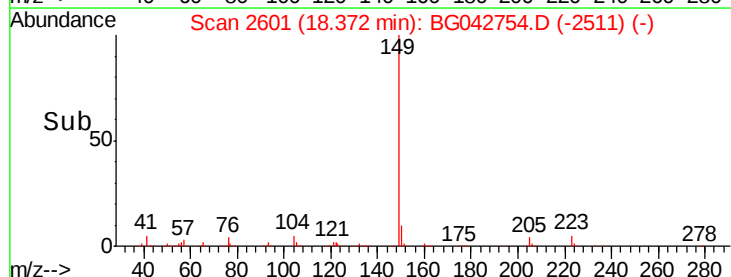
104 4.6 3.7 5.5

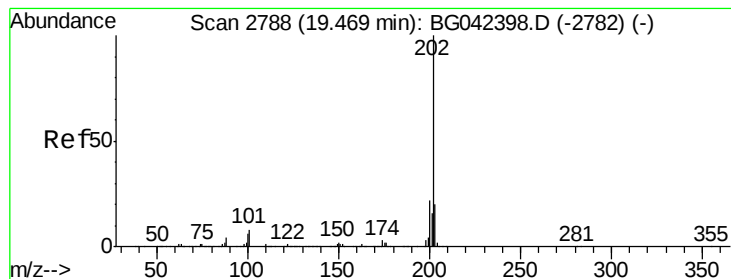


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.259 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

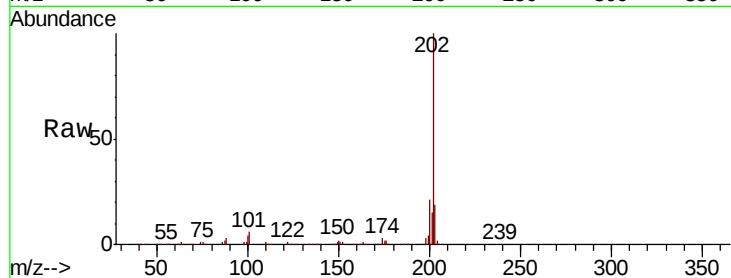
Tot Ion:202 Resp: 669913

Ion Ratio Lower Upper

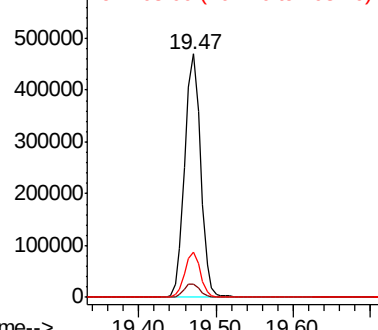
202 100

101 5.7 0.0 28.3

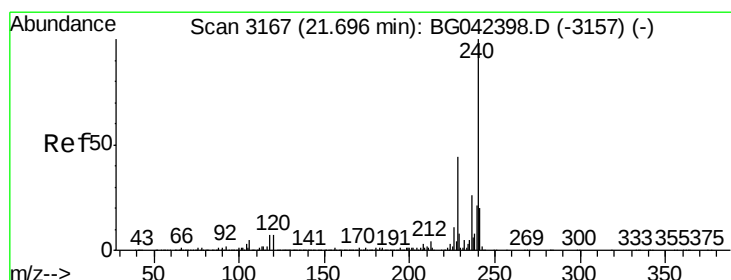
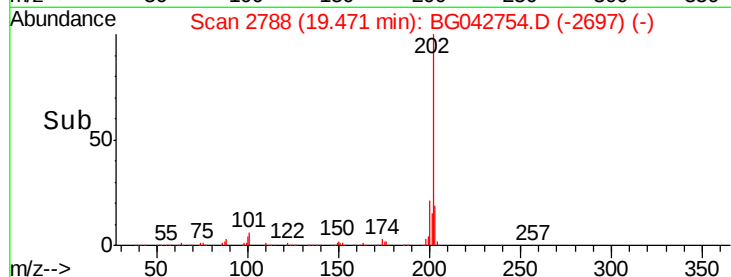
203 18.8 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

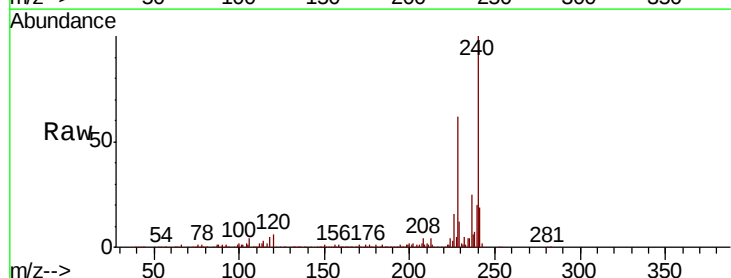
Tgt Ion:240 Resp: 219398

Ion Ratio Lower Upper

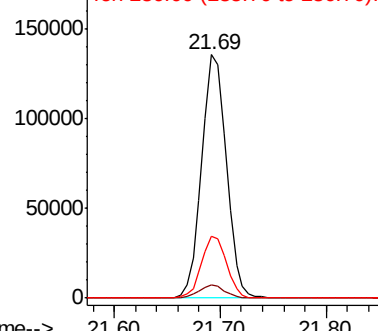
240 100

120 5.5 5.7 8.5#

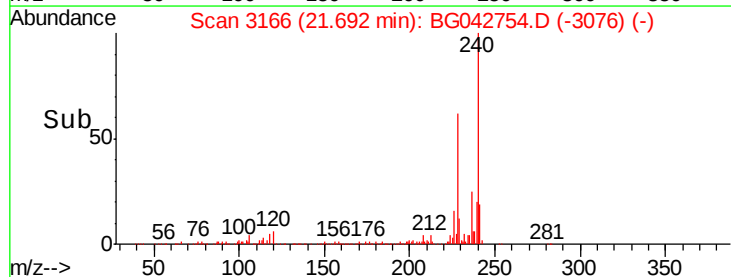
236 25.4 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 19.667 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

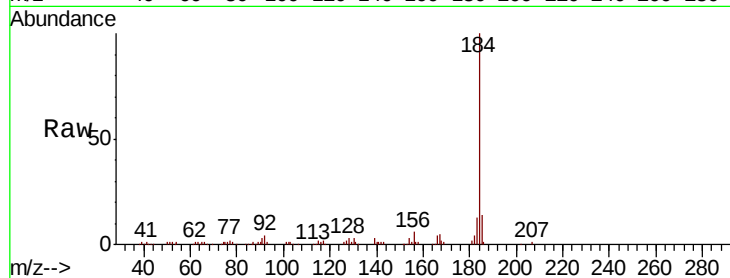
Tot Ion:184 Resp: 123709

Ion Ratio Lower Upper

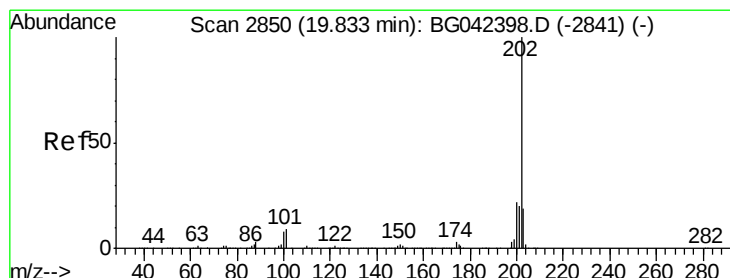
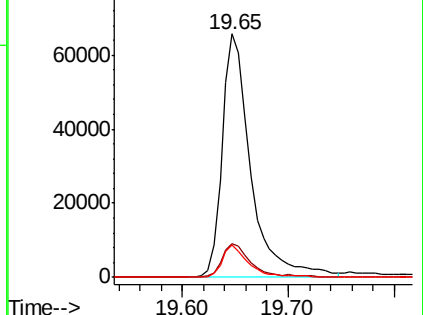
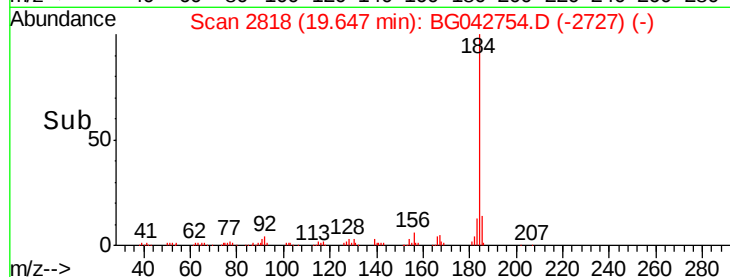
184 100

185 13.9 12.2 18.4

183 13.4 10.8 16.2



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



#78

Pyrene

Concen: 49.064 ng

RT: 19.84 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

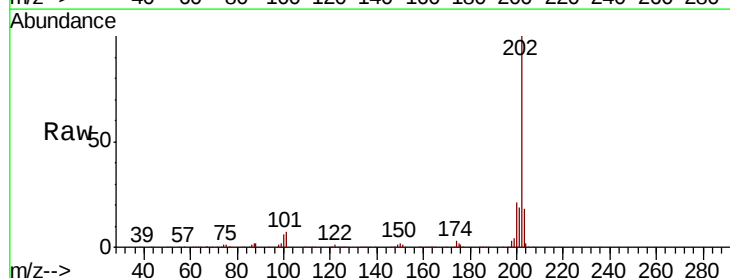
Tgt Ion:202 Resp: 659974

Ion Ratio Lower Upper

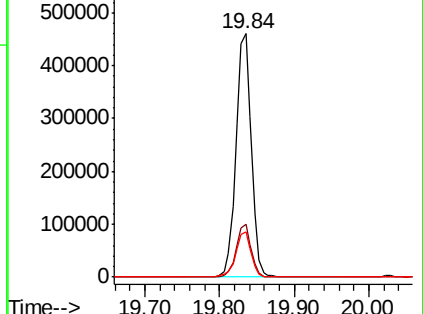
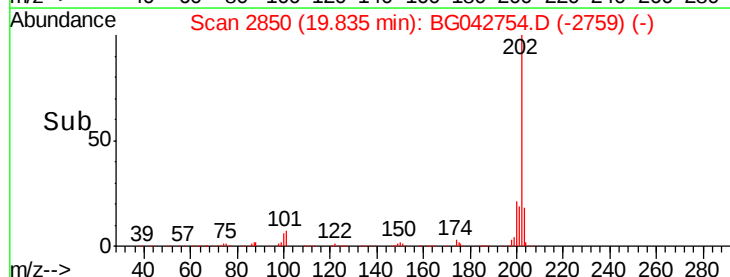
202 100

200 21.5 17.8 26.6

203 18.4 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.115 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

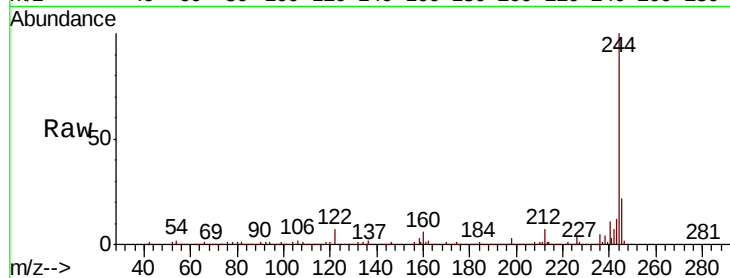
Tot Ion:244 Resp: 833330

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

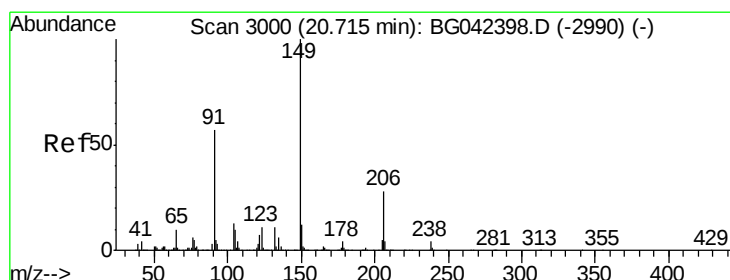
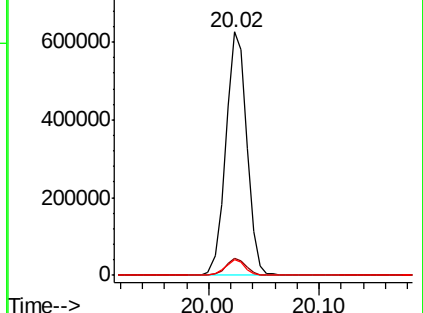
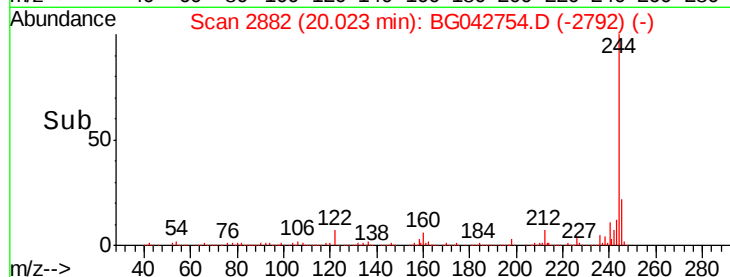
122 6.7 6.7 10.1#



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: 36.692 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

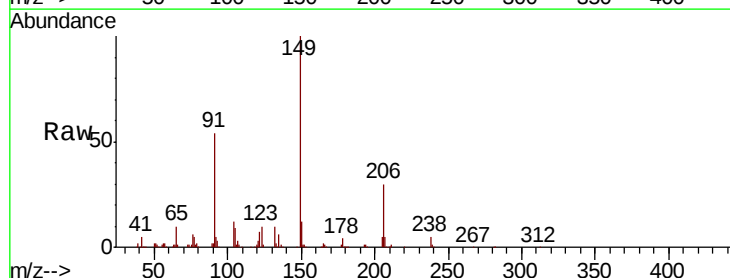
Tgt Ion:149 Resp: 194124

Ion Ratio Lower Upper

149 100

91 54.4 45.9 68.9

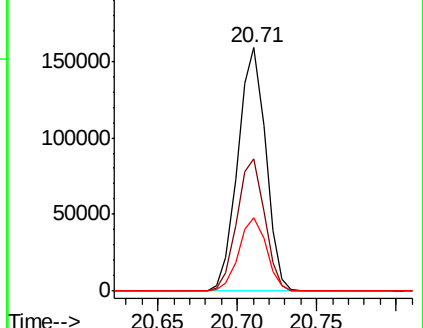
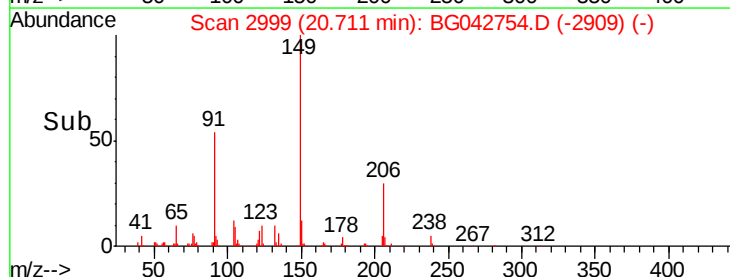
206 30.1 22.5 33.7

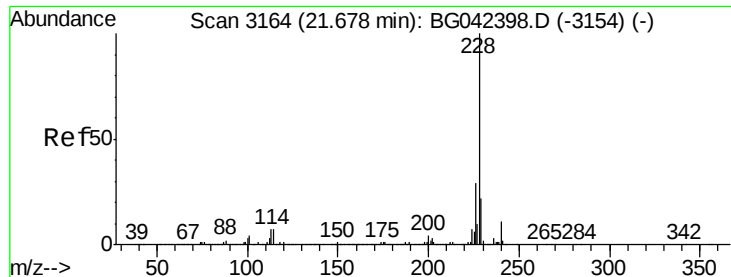


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.164 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

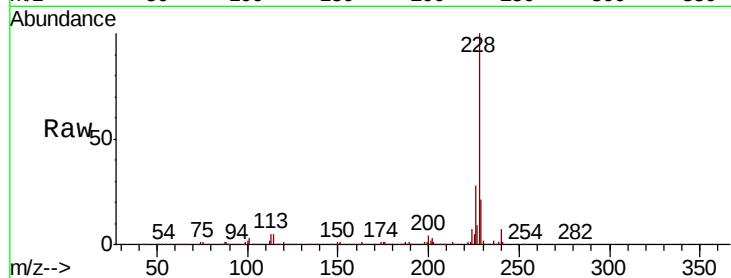
Tot Ion:228 Resp: 536051

Ion Ratio Lower Upper

228 100

226 27.8 23.4 35.2

229 21.2 17.4 26.2

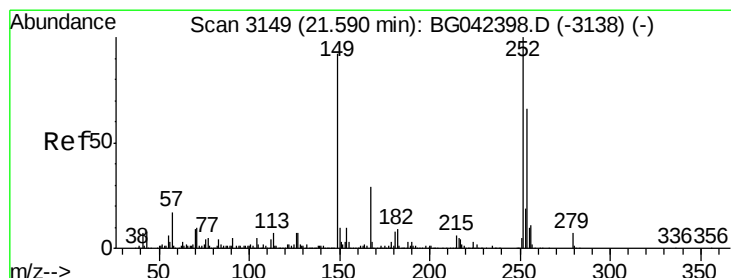
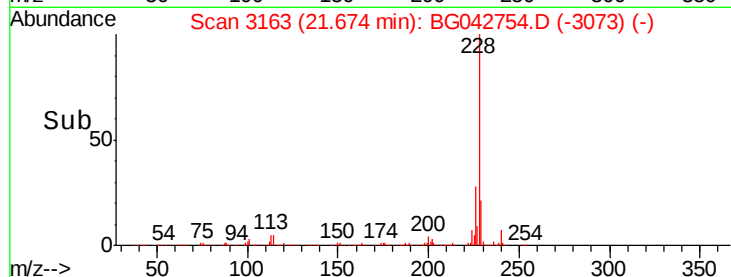
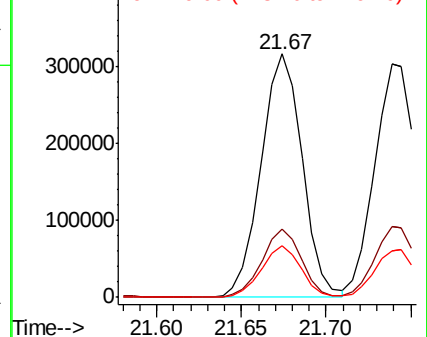


Abundance

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: 32.263 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

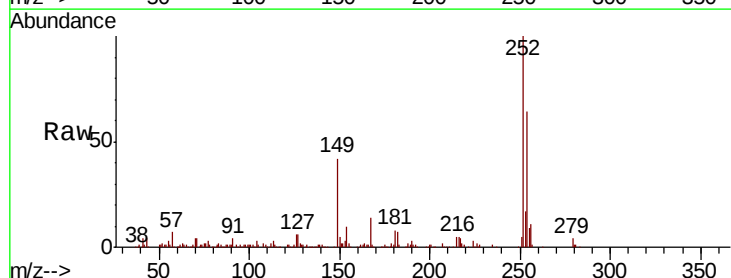
Tgt Ion:252 Resp: 173180

Ion Ratio Lower Upper

252 100

254 63.8 53.0 79.4

126 5.9 5.7 8.5

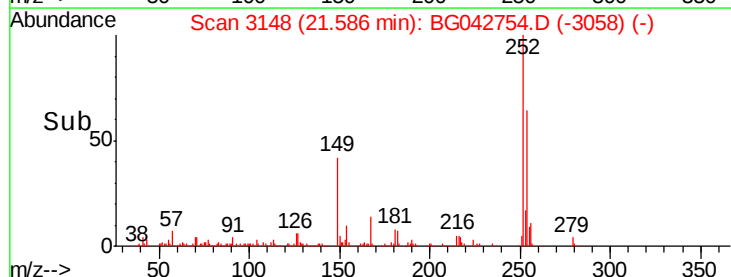
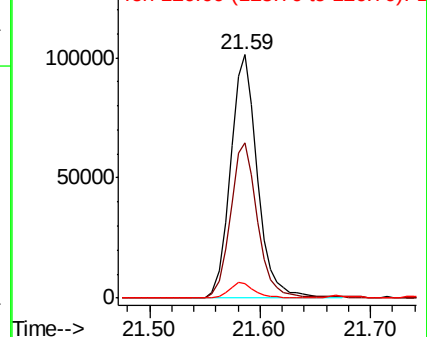


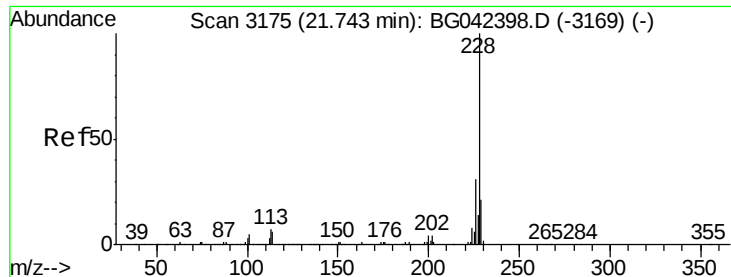
Abundance

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

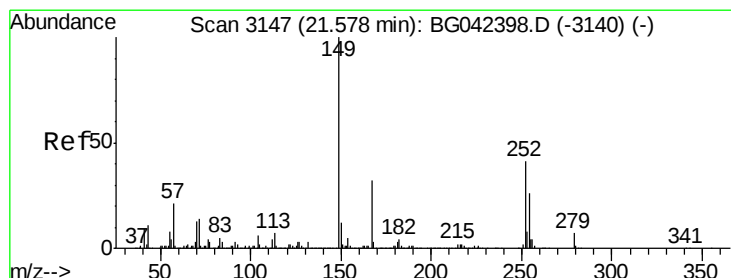
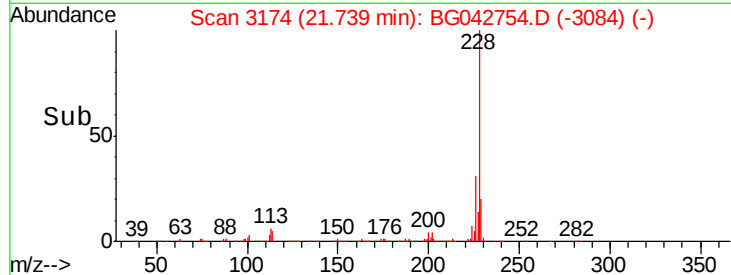
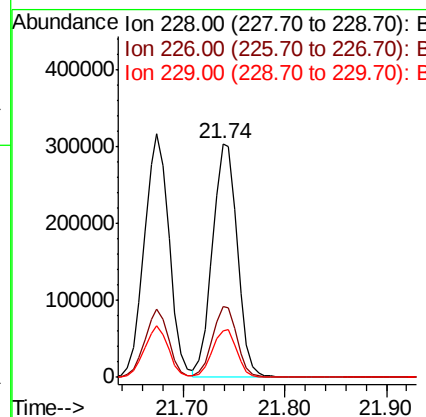
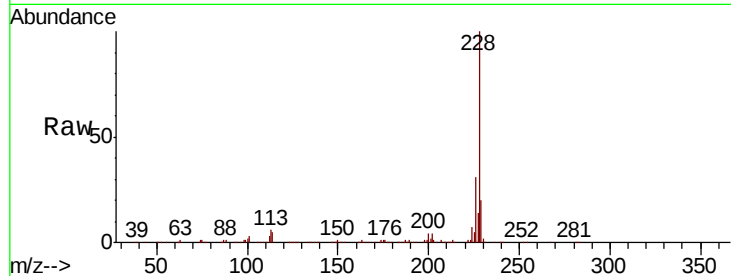




#83
 Chrvsene
 Concen: 40.078 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

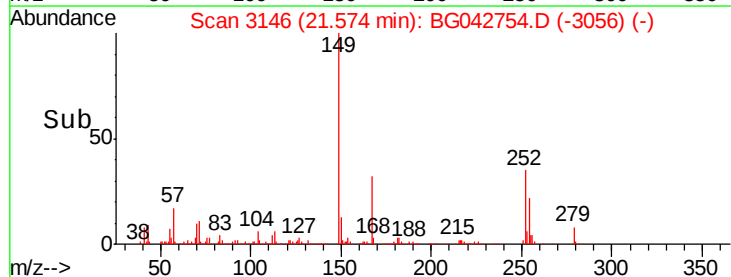
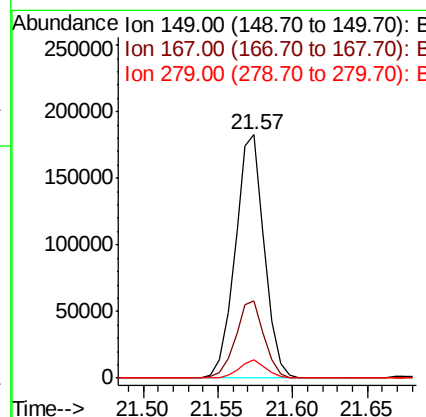
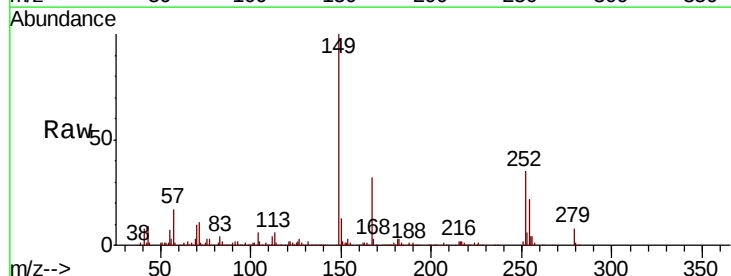
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.0	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.611 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG042754.D
 Acq: 6 Sep 2019 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.7	26.0	39.0
279	7.6	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 34.702 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042754.D

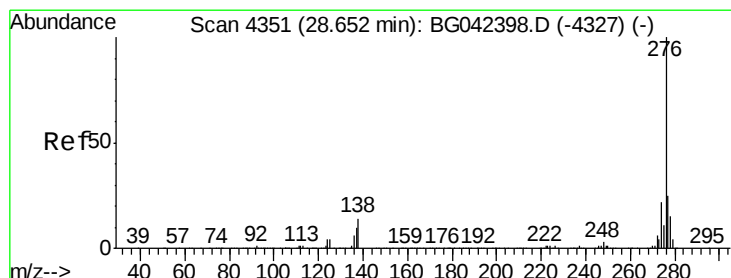
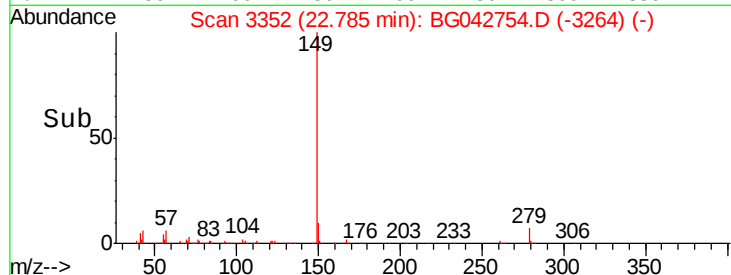
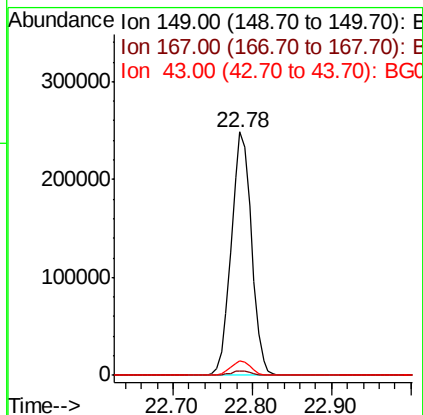
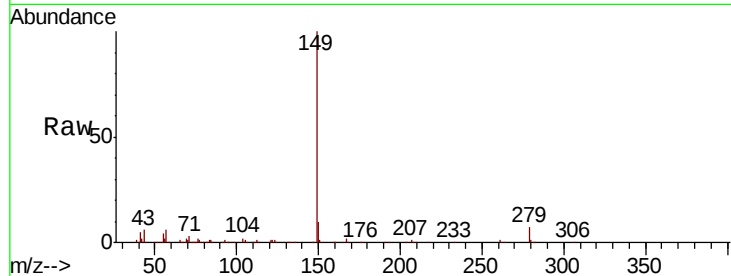
Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	438430
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.1	5.3	7.9



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.581 ng

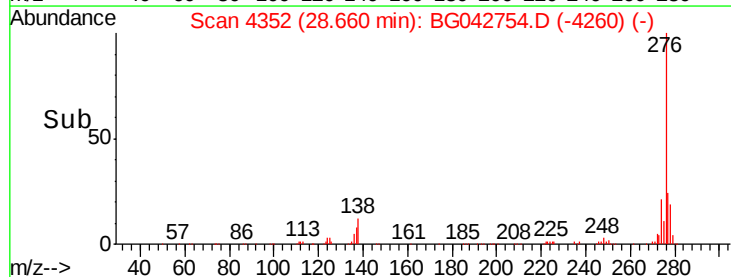
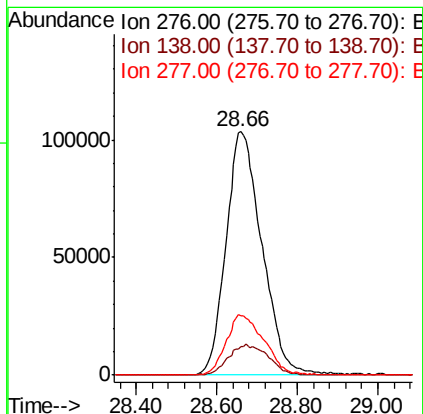
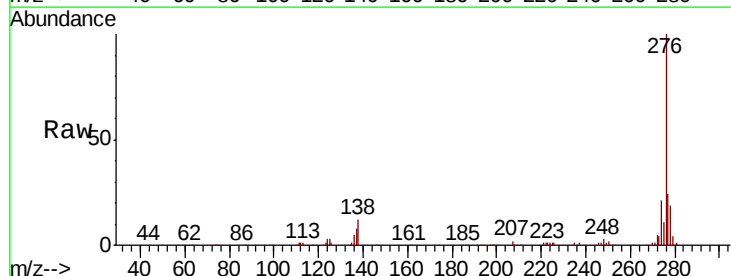
RT: 28.66 min Scan# 4352

Delta R.T. 0.01 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Tgt Ion:	276	Resp:	639870
Ion	Ratio	Lower	Upper
276	100		
138	13.9	9.2	13.8#
277	26.1	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

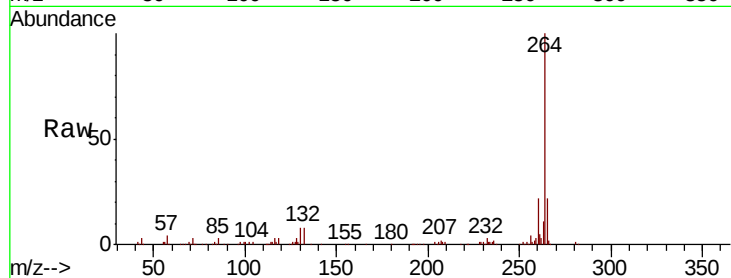
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 202766

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	21.8	17.6	26.4

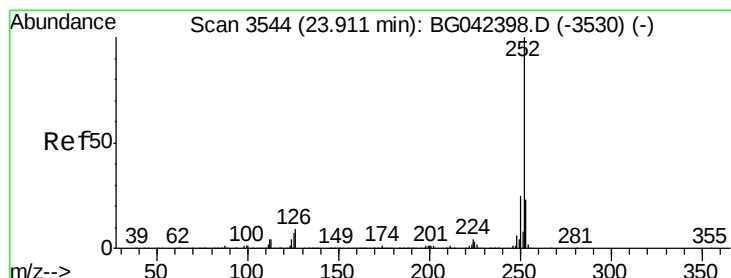
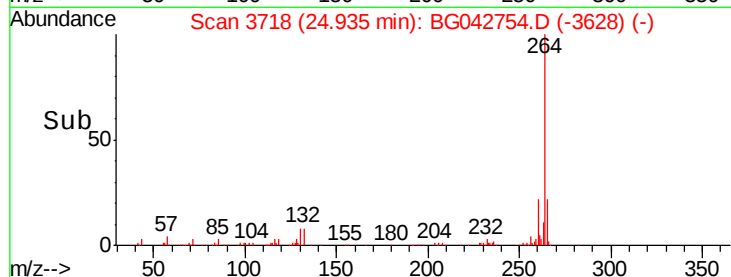
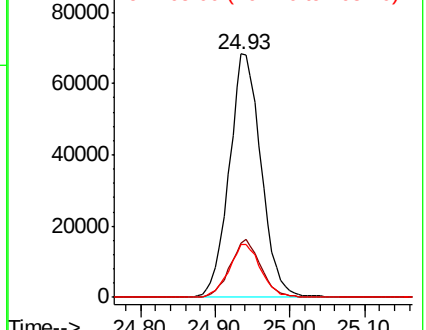


Abundance

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: 48.822 ng

RT: 23.91 min Scan# 3543

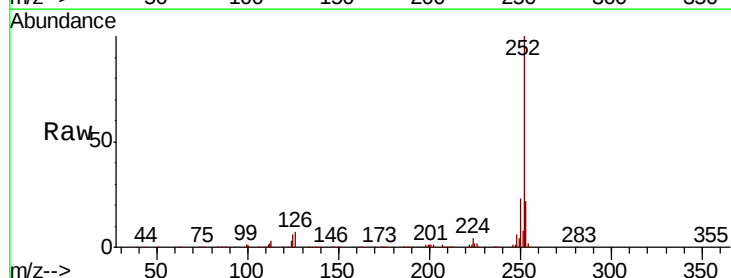
Delta R.T. -0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Tgt Ion:252 Resp: 544239

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	27.8
125	5.5	5.6	8.4#

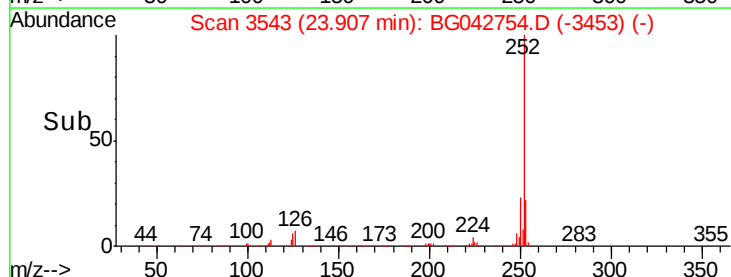
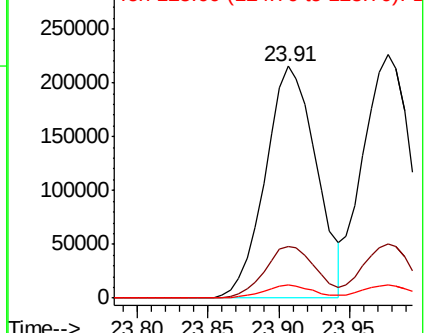


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.303 ng

RT: 23.98 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

Instrument :

BNA_G

ClientSampleId :

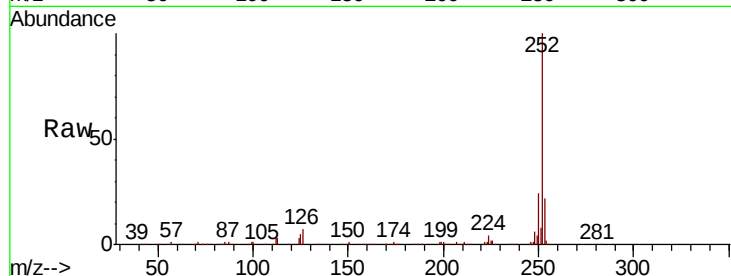
Tot Ion:252 Resp: 538990

Ion Ratio Lower Upper

252 100

253 22.4 18.6 27.8

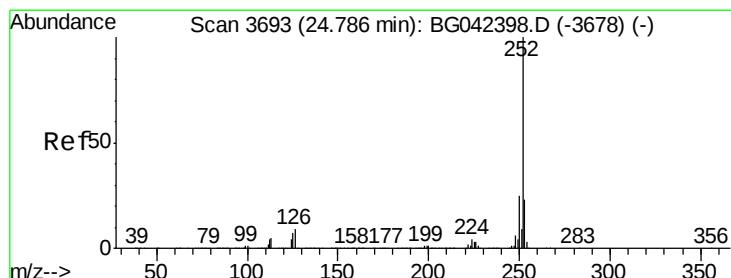
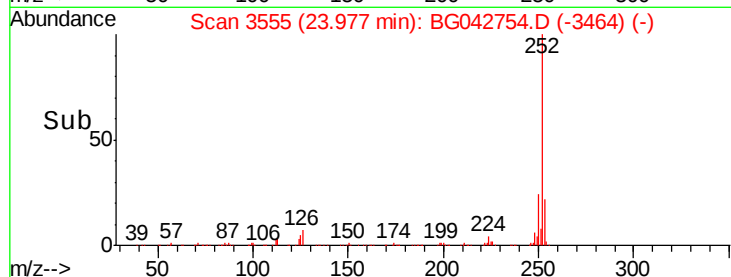
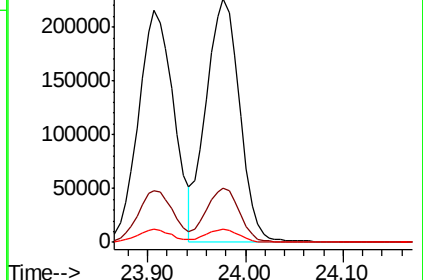
125 5.5 5.8 8.6#



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: 50.416 ng

RT: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG042754.D

Acq: 6 Sep 2019 19:14

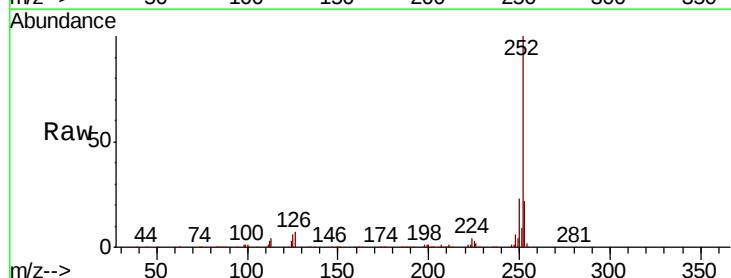
Tgt Ion:252 Resp: 533289

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

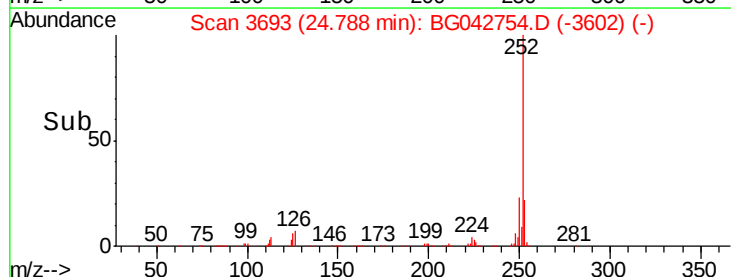
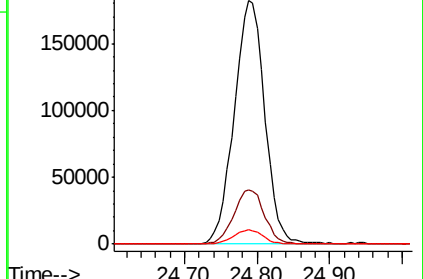
125 5.7 6.0 9.0#

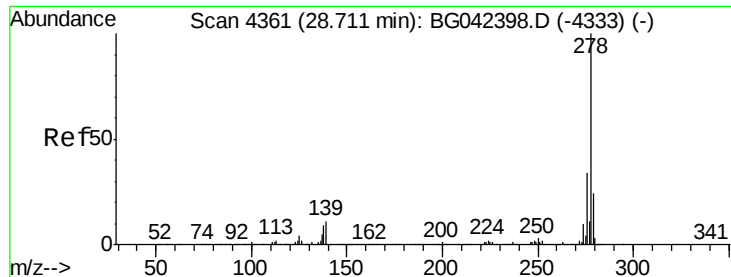


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

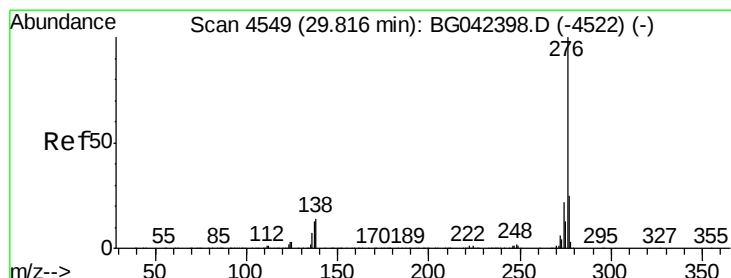
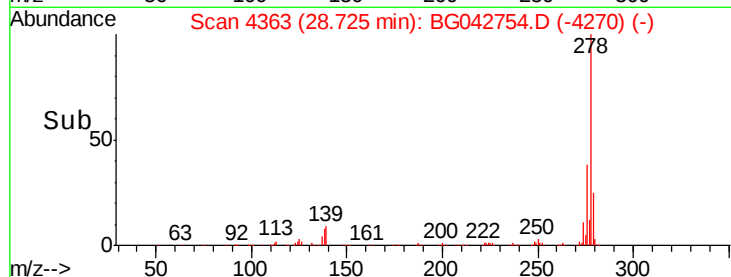
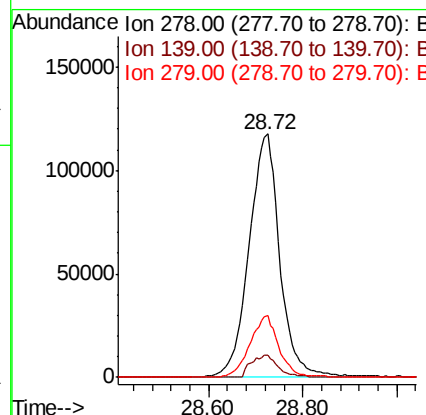
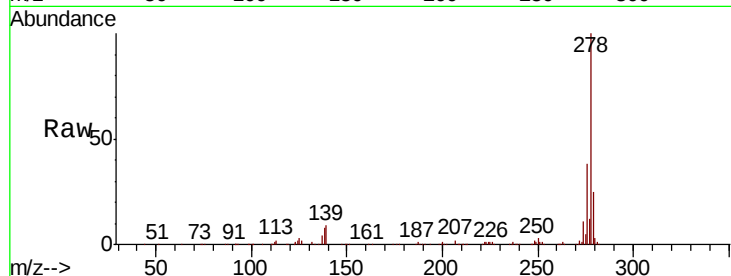




#91
Dibenzo(a,h)anthracene
Concen: 49.776 ng
RT: 28.72 min Scan# 4363
Delta R.T. 0.01 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.8	13.2
279	25.3	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 50.128 ng
RT: 29.83 min Scan# 4551
Delta R.T. 0.01 min
Lab File: BG042754.D
Acq: 6 Sep 2019 19:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.8	29.8
138	12.1	11.4	17.0

