

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042748.D
 Acq On : 6 Sep 2019 14:47
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 16:46:38 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	7.99	152	39266	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	166373	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	134890	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	335330	20.00	ng	0.00
76) Chrysene-d12	21.69	240	261497	20.00	ng	0.00
87) Perylene-d12	24.94	264	318124	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	148740	76.72	ng	-0.01
7) Phenol-d6	7.16	99	203459	77.69	ng	-0.01
23) Nitrobenzene-d5	9.17	82	188161	78.15	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	169158	88.23	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	651711	81.71	ng	0.00
79) Terphenyl-d14	20.03	244	1151461	95.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	26723	33.028	ng	97
3) Pyridine	3.82	79	75266	36.278	ng	93
4) n-Nitrosodimethylamine	3.74	42	31218	42.129	ng	89
6) Aniline	7.31	93	133070	38.096	ng	98
8) 2-Chlorophenol	7.56	128	92813	39.501	ng	98
9) Benzaldehyde	7.13	77	49188	37.516	ng	98
10) Phenol	7.19	94	102405	38.459	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	76556	36.609	ng	98
12) 1,3-Dichlorobenzene	7.88	146	117527	39.319	ng	98
13) 1,4-Dichlorobenzene	8.03	146	120511	39.803	ng	98
14) 1,2-Dichlorobenzene	8.35	146	116113	40.046	ng	97
15) Benzyl Alcohol	8.24	79	75741	40.200	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	99882	35.240	ng	98
17) 2-Methylphenol	8.45	107	76565	39.039	ng	95
18) Hexachloroethane	9.08	117	39586	38.191	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	63819	37.615	ng	93
20) 3+4-Methylphenols	8.78	107	106066	39.083	ng	96
22) Acetophenone	8.82	105	142220	39.967	ng	# 100
24) Nitrobenzene	9.21	77	93071	38.175	ng	99
25) Isophorone	9.73	82	183557	38.632	ng	99
26) 2-Nitrophenol	9.93	139	61448	40.219	ng	97
27) 2,4-Dimethylphenol	9.99	122	84258	40.036	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	112762	37.654	ng	98
29) 2,4-Dichlorophenol	10.47	162	116606	42.348	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	141615	41.901	ng	99
31) Naphthalene	10.87	128	308809	39.979	ng	98
32) Benzoic acid	10.18	122	40882	30.380	ng	96
33) 4-Chloroaniline	10.98	127	144081	40.407	ng	98
34) Hexachlorobutadiene	11.16	225	100509	44.249	ng	98
35) Caprolactam	11.77	113	37865	41.212	ng	93
36) 4-Chloro-3-methylphenol	12.11	107	107648	41.183	ng	100
37) 2-Methylnaphthalene	12.48	142	255245	41.154	ng	98
38) 1-Methylnaphthalene	12.70	142	243884	41.397	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	178622	41.235	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	80589	35.417	ng	100
43) 2,4,6-Trichlorophenol	13.09	196	115989	39.614	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	119641	39.430	ng	98
46) 1,1'-Biphenyl	13.49	154	341310	39.144	ng	99
47) 2-Chloronaphthalene	13.54	162	297615	39.585	ng	98
48) 2-Nitroaniline	13.74	65	70179	38.708	ng	95
49) Acenaphthylene	14.38	152	445438	39.380	ng	99
50) Dimethylphthalate	14.11	163	401960	41.299	ng	100
51) 2,6-Dinitrotoluene	14.23	165	93093	41.265	ng	96
52) Acenaphthene	14.72	154	268302	39.063	ng	97
53) 3-Nitroaniline	14.57	138	90616	40.163	ng	99
54) 2,4-Dinitrophenol	14.79	184	55428	39.857	ng	96
55) Dibenzofuran	15.06	168	464968	40.898	ng	99
56) 4-Nitrophenol	14.89	139	56087	34.984	ng	93
57) 2,4-Dinitrotoluene	15.03	165	137107	42.441	ng	96
58) Fluorene	15.71	166	383916	41.310	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	121119	40.364	ng	94
60) Diethylphthalate	15.47	149	396604	41.685	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	241170	43.048	ng	98
62) 4-Nitroaniline	15.74	138	98110	40.630	ng	93
63) Azobenzene	15.99	77	245116	37.598	ng	95
65) 4,6-Dinitro-2-methylphenol	15.80	198	82418	39.202	ng	98
66) n-Nitrosodiphenylamine	15.91	169	359479	38.981	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	172235	40.493	ng	97
68) Hexachlorobenzene	16.73	284	188136	40.688	ng	99
69) Atrazine	16.87	200	120411	36.923	ng	97
70) Pentachlorophenol	17.07	266	81264	33.825	ng	97
71) Phenanthrene	17.45	178	672910	40.399	ng	99
72) Anthracene	17.55	178	672182	40.425	ng	99
73) Carbazole	17.82	167	576314	38.889	ng	99
74) Di-n-butylphthalate	18.37	149	686371	39.181	ng	100
75) Fluoranthene	19.47	202	804334	39.568	ng	96
77) Benzidine	19.64	184	278236	37.112	ng	99
78) Pyrene	19.83	202	787308	49.108	ng	99
80) Butylbenzylphthalate	20.71	149	233211	36.983	ng	95
81) Benzo(a)anthracene	21.67	228	660461	41.519	ng	96
82) 3,3'-Dichlorobenzidine	21.58	252	253409	39.610	ng	97
83) Chrysene	21.74	228	628961	40.998	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	330353	37.732	ng	99
85) Di-n-octyl phthalate	22.78	149	585600	38.889	ng	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	834278	40.017	ng	# 97
88) Benzo(b)fluoranthene	23.91	252	714152	40.834	ng	# 98
89) Benzo(k)fluoranthene	23.98	252	702663	41.798	ng	# 98
90) Benzo(a)pyrene	24.79	252	685395	41.299	ng	98
91) Dibenzo(a,h)anthracene	28.72	278	678259	40.364	ng	97
92) Benzo(g,h,i)perylene	29.83	276	677607	40.320	ng	97

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

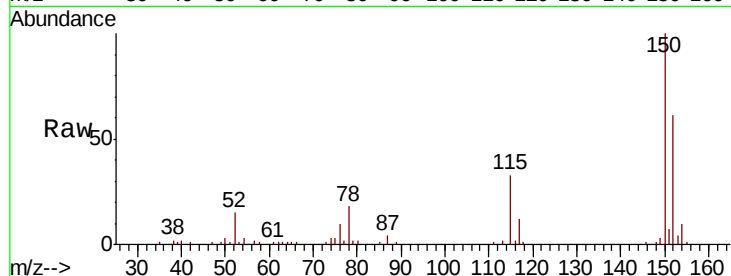


#1

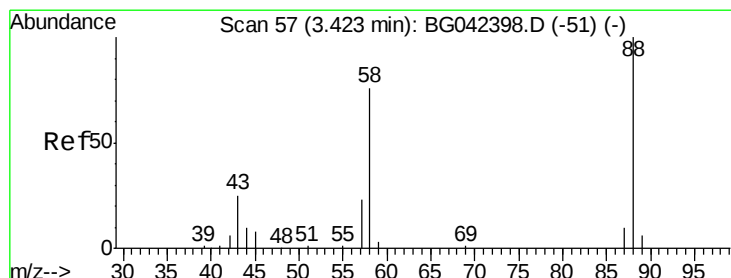
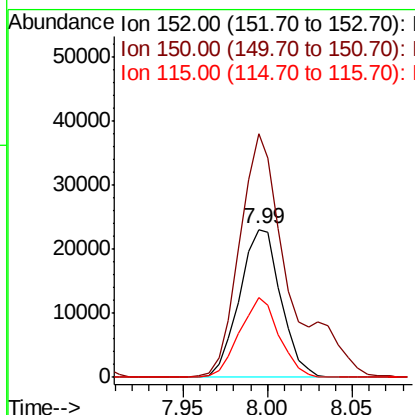
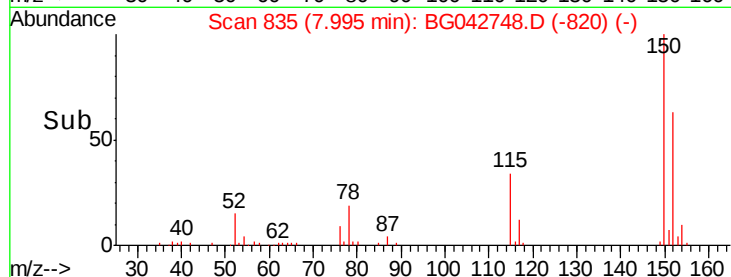
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39266
Ion Ratio Lower Upper
152 100
150 164.6 125.4 188.0
115 53.9 38.5 57.7



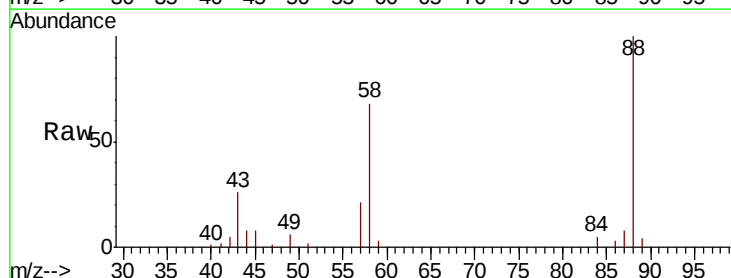
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



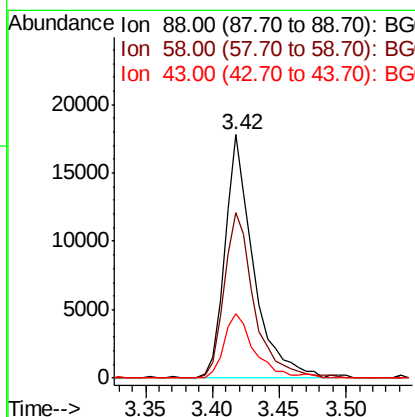
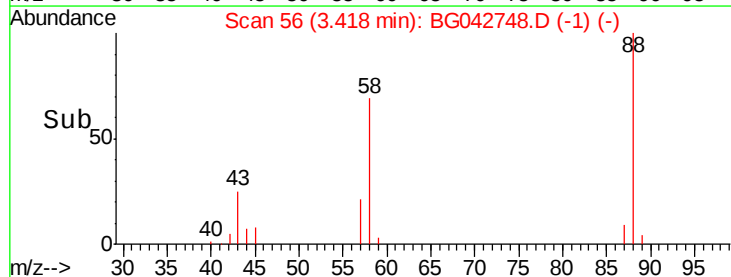
#2

1,4-Dioxane
Concen: 33.028 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion: 88 Resp: 26723
Ion Ratio Lower Upper
88 100
58 71.6 58.3 87.5
43 27.9 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: 36.278 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

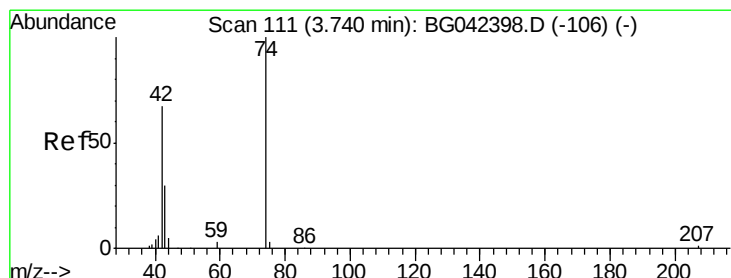
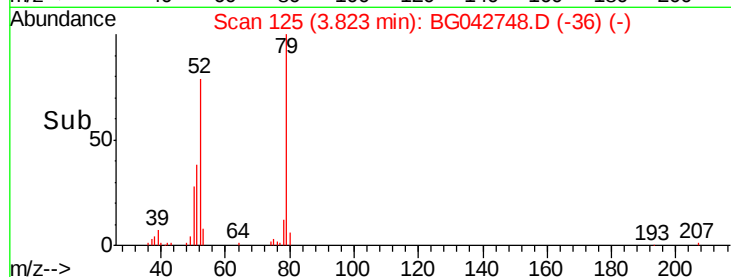
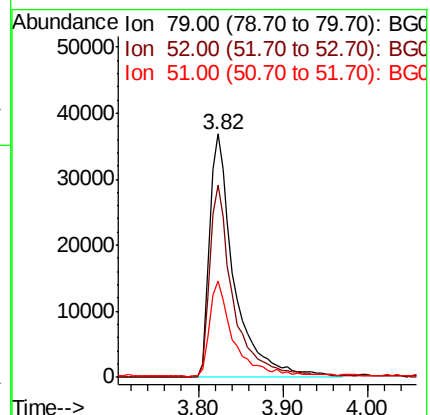
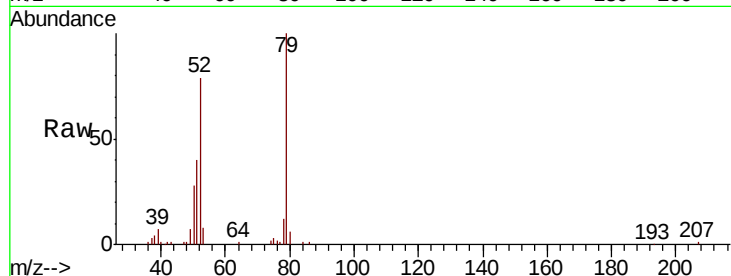
Tot Ion: 79 Resp: 75266

Ion Ratio Lower Upper

79 100

52 78.8 57.7 86.5

51 39.5 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 42.129 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

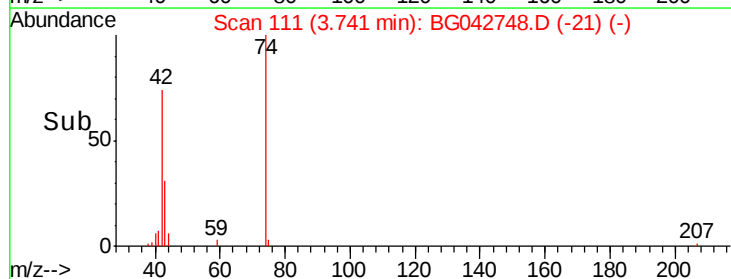
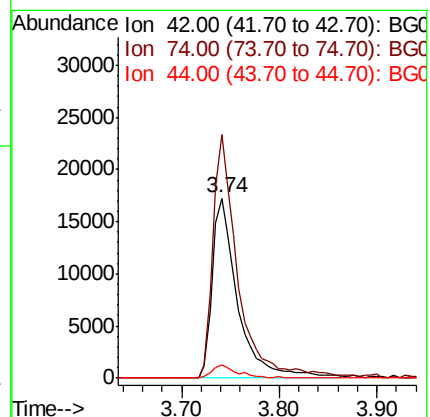
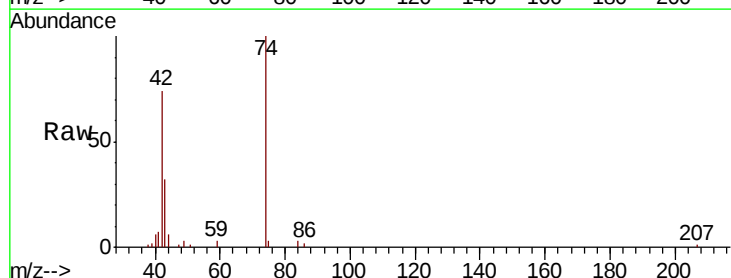
Tgt Ion: 42 Resp: 31218

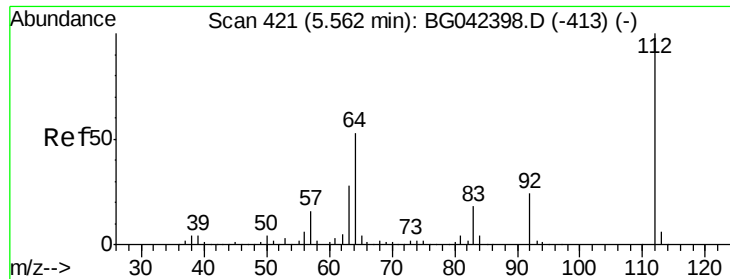
Ion Ratio Lower Upper

42 100

74 135.5 119.6 179.4

44 7.5 6.5 9.7





#5

2-Fluorophenol

Concen: 76.718 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampled :

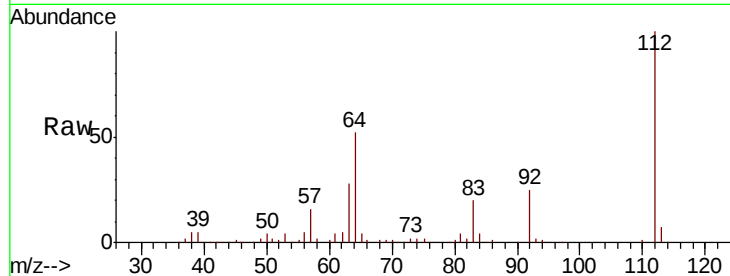
Tot Ion: 112 Resp: 148740

Ion Ratio Lower Upper

112 100

64 52.2 42.8 64.2

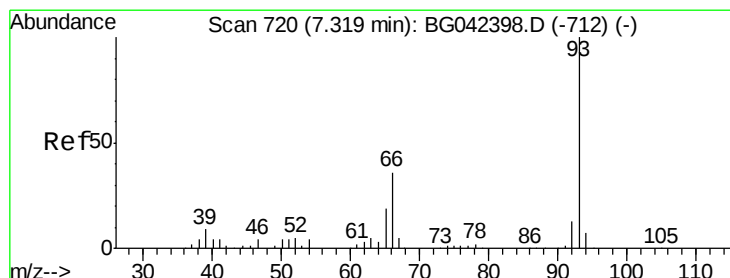
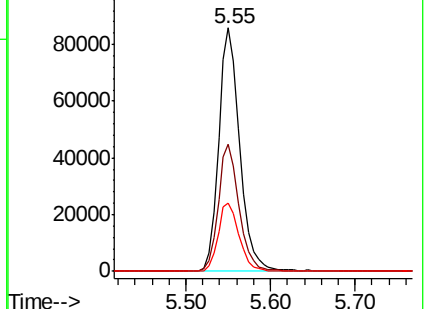
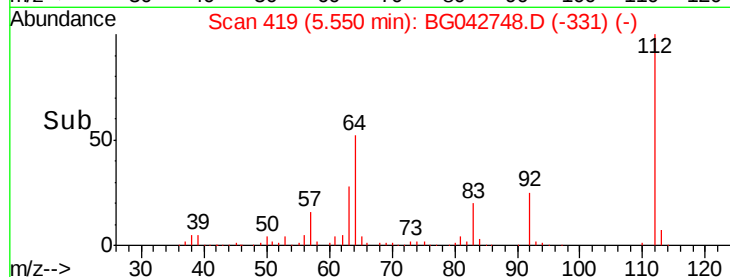
63 28.1 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.096 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

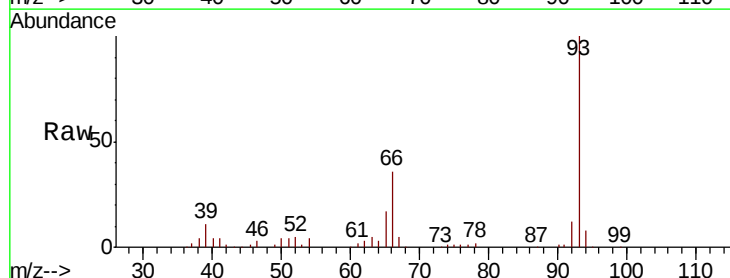
Tgt Ion: 93 Resp: 133070

Ion Ratio Lower Upper

93 100

66 36.1 29.0 43.6

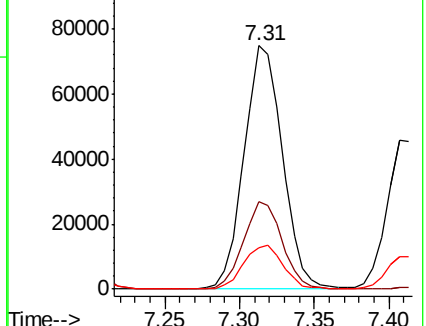
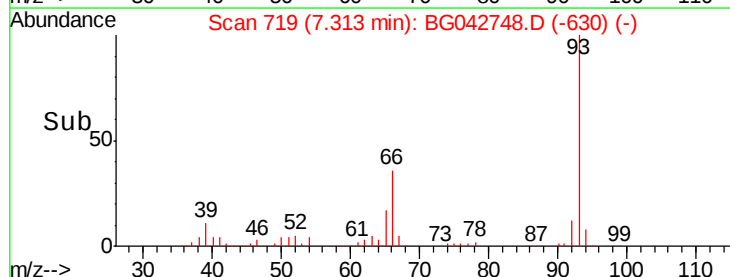
65 17.1 15.2 22.8

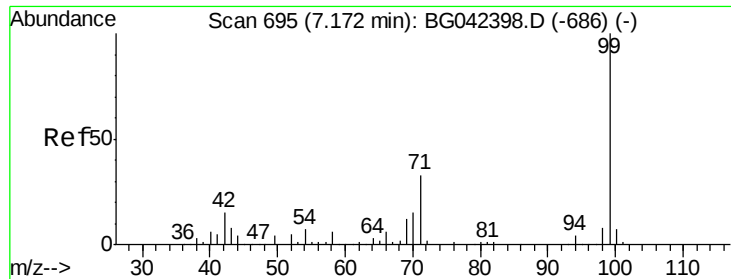


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.690 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

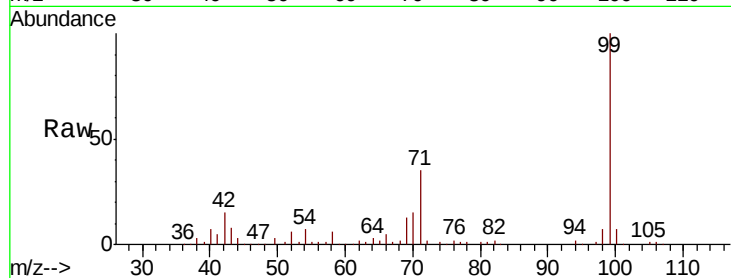
Tot Ion: 99 Resp: 203459

Ion Ratio Lower Upper

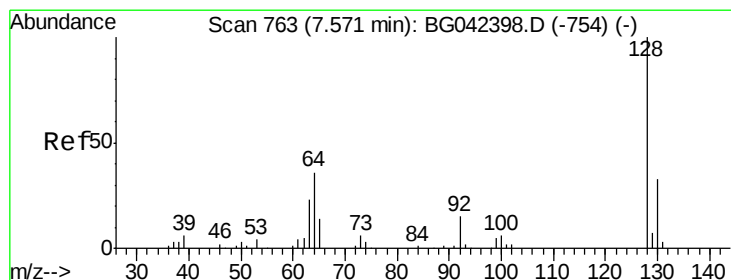
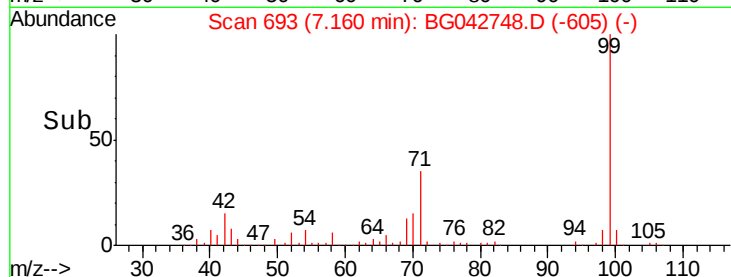
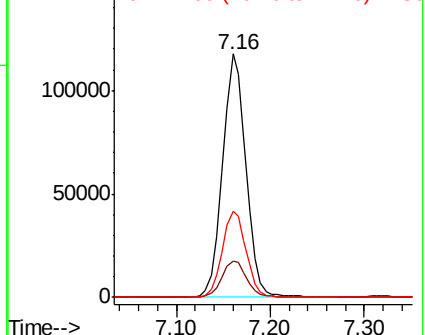
99 100

42 14.8 12.0 18.0

71 35.3 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: 39.501 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

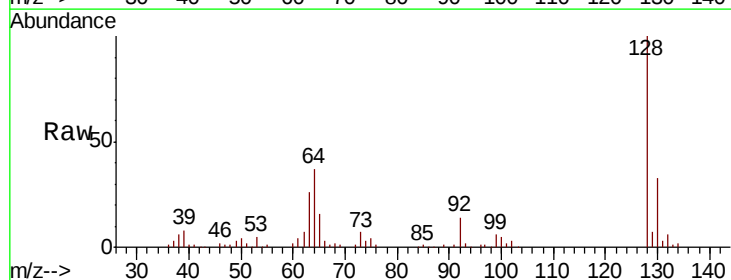
Tgt Ion: 128 Resp: 92813

Ion Ratio Lower Upper

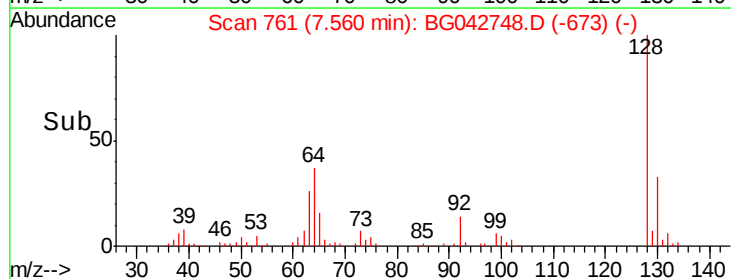
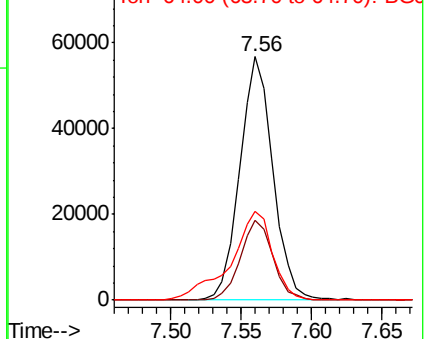
128 100

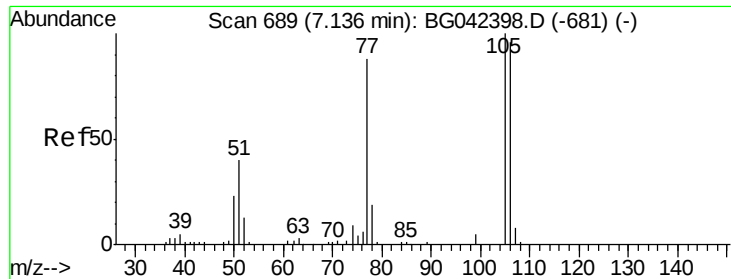
130 32.6 12.8 52.8

64 36.6 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: 37.516 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

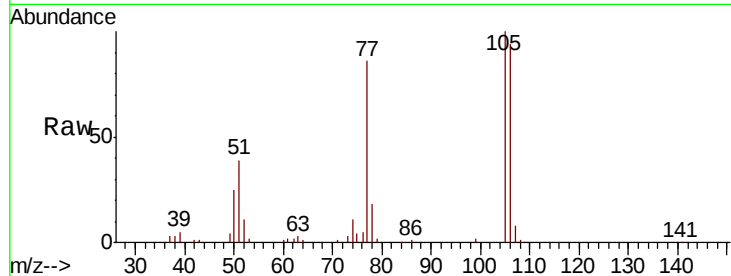
Tot Ion: 77 Resp: 49188

Ion Ratio Lower Upper

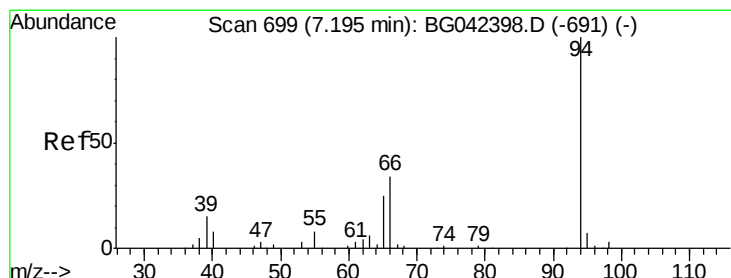
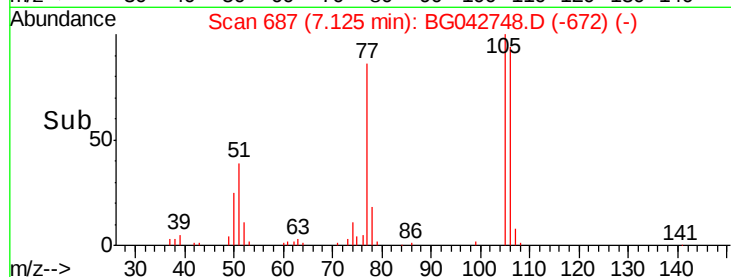
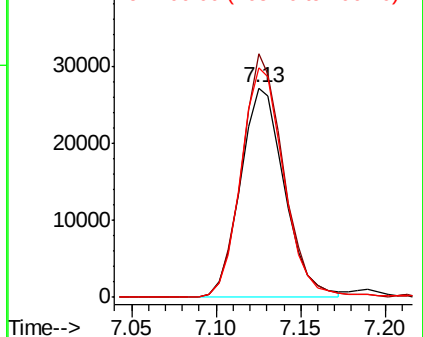
77 100

105 116.4 93.4 133.4

106 109.8 88.4 128.4



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



#10

Phenol

Concen: 38.459 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

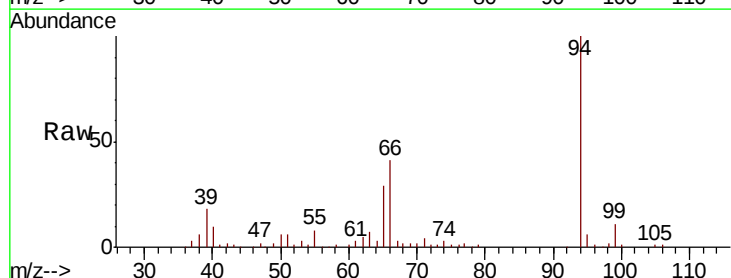
Tgt Ion: 94 Resp: 102405

Ion Ratio Lower Upper

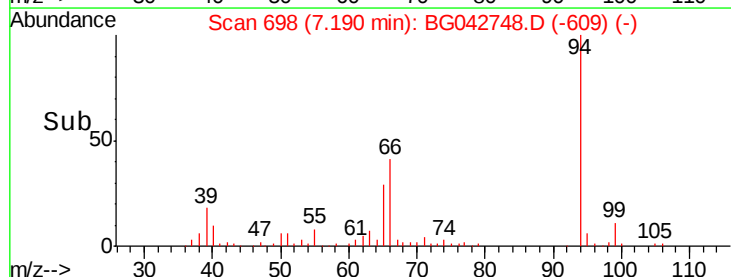
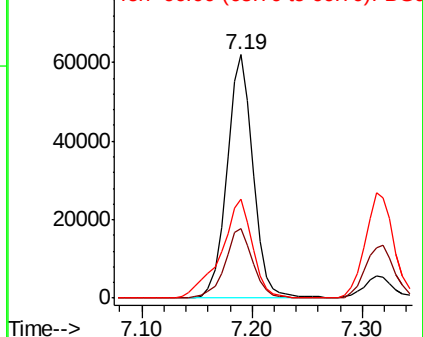
94 100

65 28.5 5.6 45.6

66 40.9 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

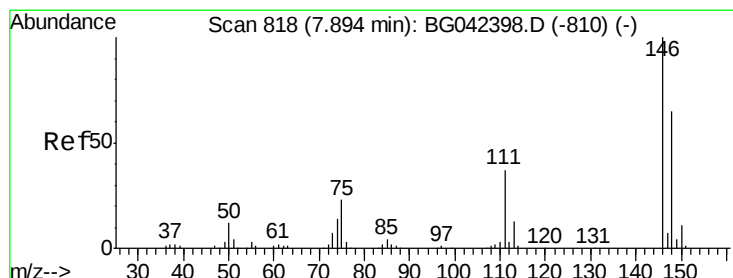
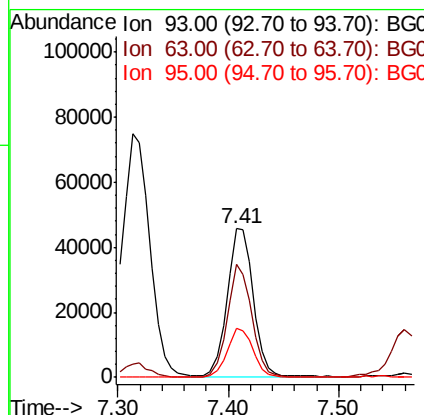
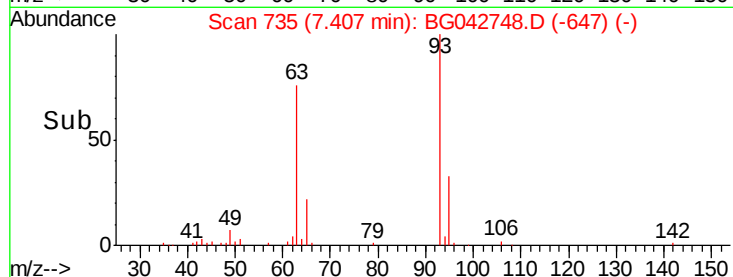
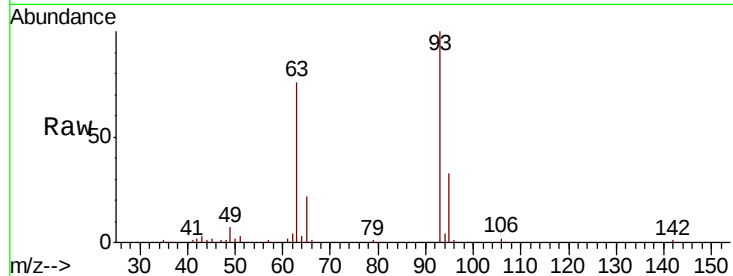




#11
 bis(2-Chloroethyl)ether
 Concen: 36.609 ng
 RT: 7.41 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

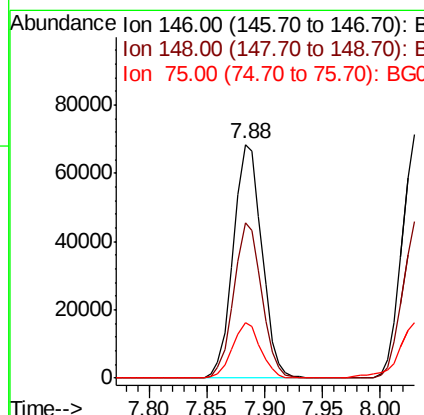
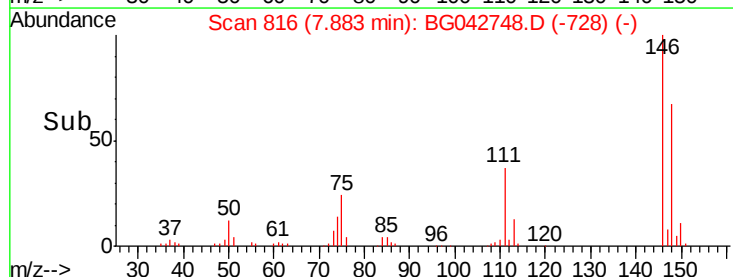
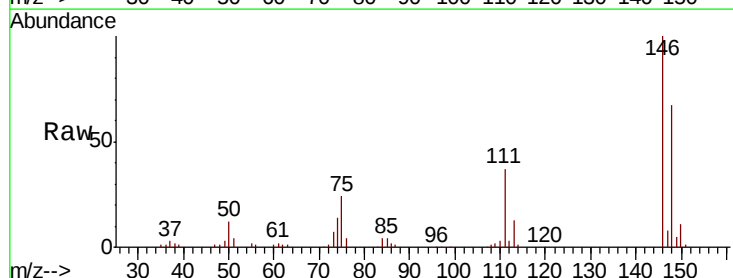
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	93	Resp:	76556
Ion	Ratio	Lower	Upper
93	100		
63	76.1	53.8	93.8
95	33.3	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 39.319 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Tgt Ion:	146	Resp:	117527
Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.2	78.2
75	23.6	18.0	27.0

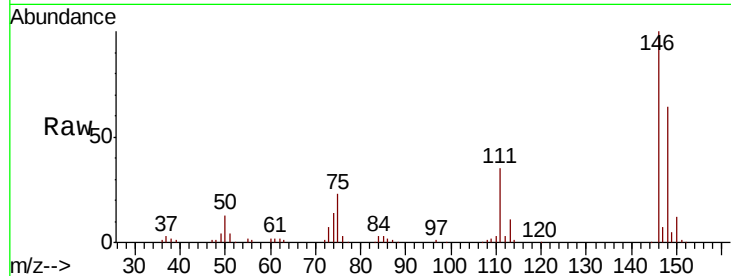




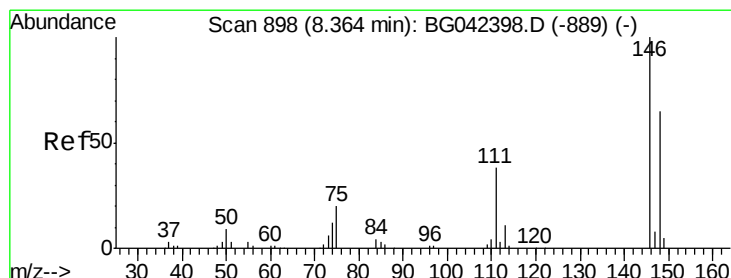
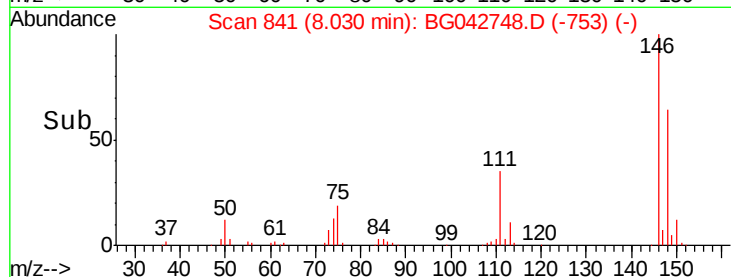
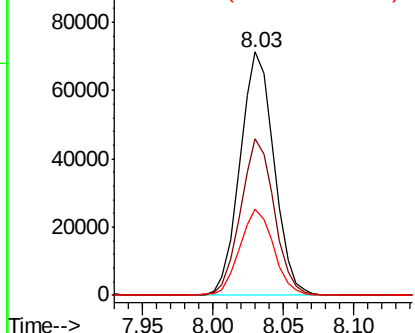
#13
 1,4-Dichlorobenzene
 Concen: 39.803 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 120511
 Ion Ratio Lower Upper
 146 100
 148 64.4 49.5 74.3
 111 35.4 28.1 42.1

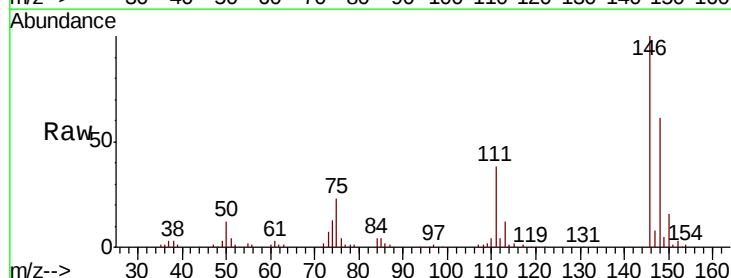


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

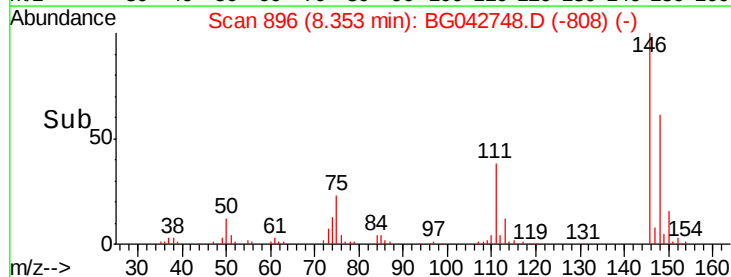
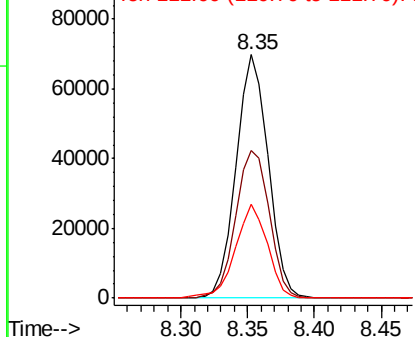


#14
 1,2-Dichlorobenzene
 Concen: 40.046 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Tgt Ion:146 Resp: 116113
 Ion Ratio Lower Upper
 146 100
 148 60.7 51.8 77.6
 111 38.4 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: 40.200 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampled :

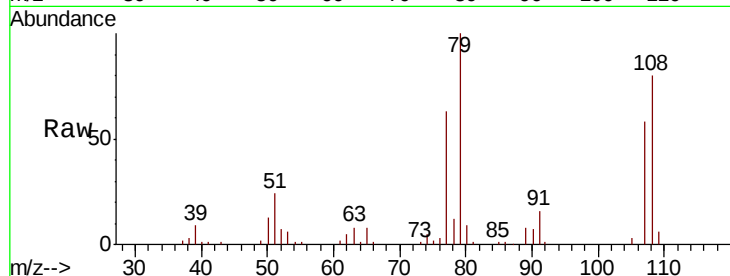
Tot Ion: 79 Resp: 75741

Ion Ratio Lower Upper

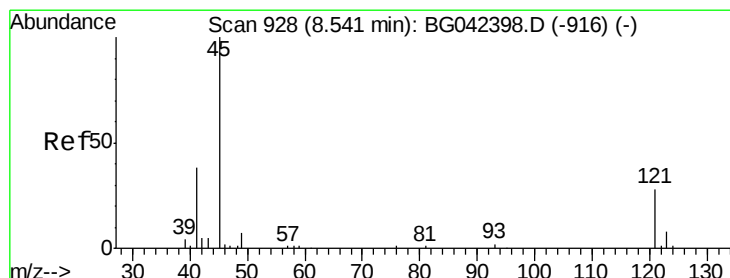
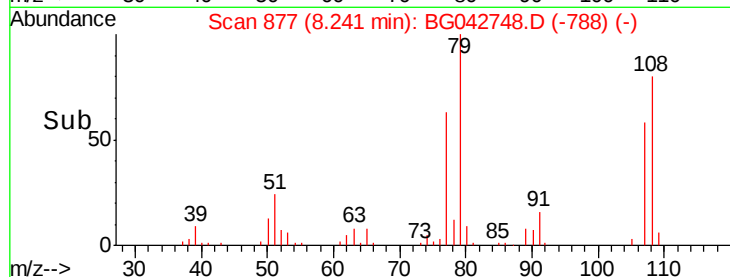
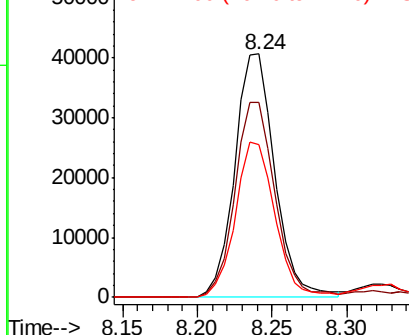
79 100

108 80.0 67.4 101.2

77 62.9 50.8 76.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.240 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

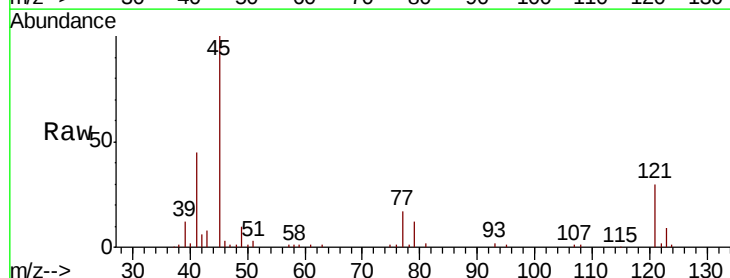
Tgt Ion: 45 Resp: 99882

Ion Ratio Lower Upper

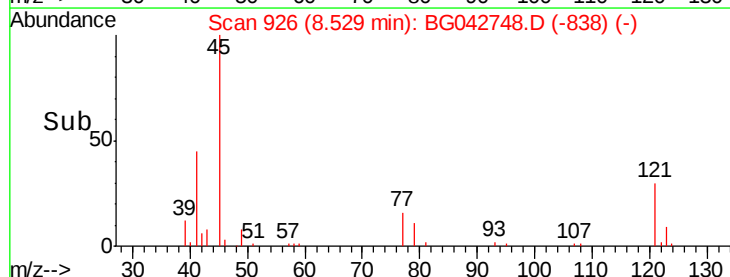
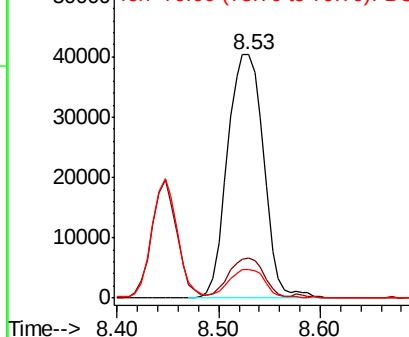
45 100

77 16.7 0.0 35.6

79 11.7 0.0 31.6



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





#17

2-Methylphenol

Concen: 39.039 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 76565

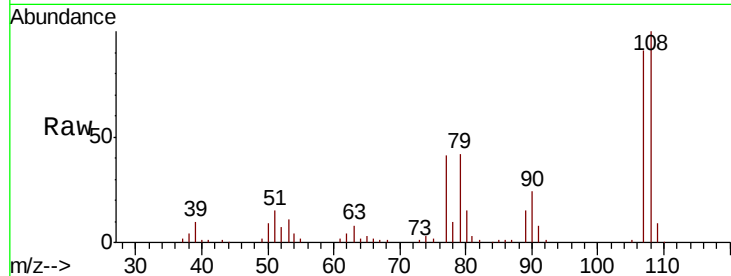
Ion Ratio Lower Upper

107 100

108 109.4 92.9 139.3

77 45.2 34.4 51.6

79 45.7 33.8 50.6

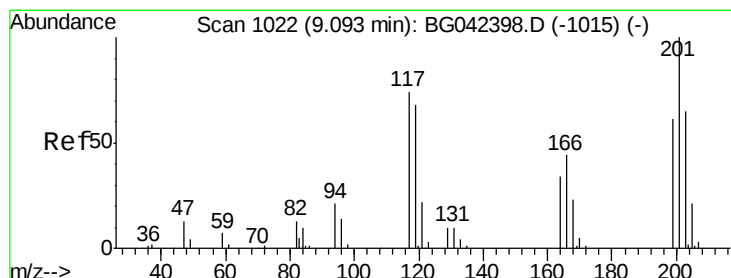
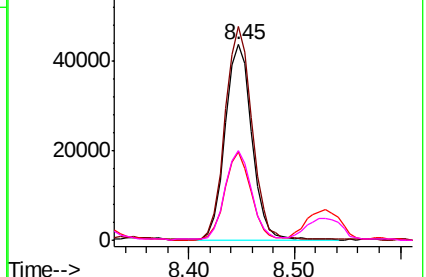
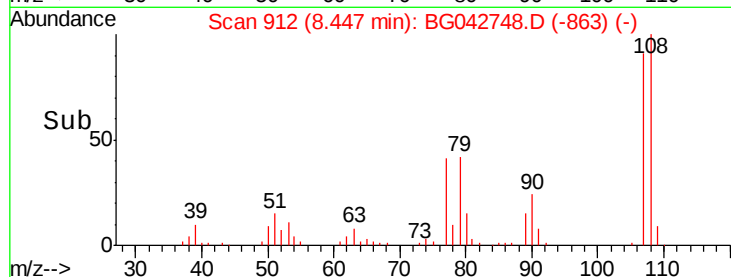


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.191 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

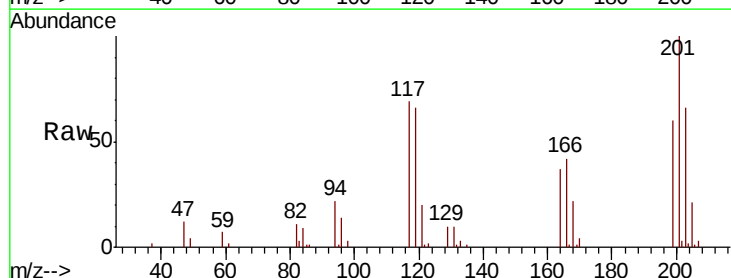
Tgt Ion:117 Resp: 39586

Ion Ratio Lower Upper

117 100

119 95.7 73.8 110.8

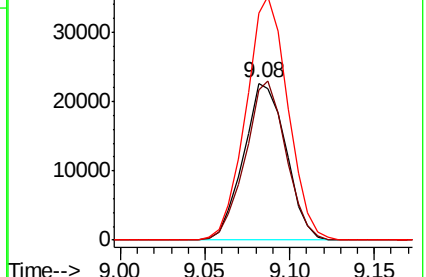
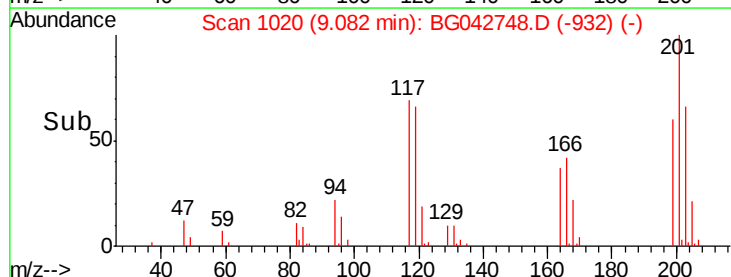
201 144.8 108.3 162.5



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

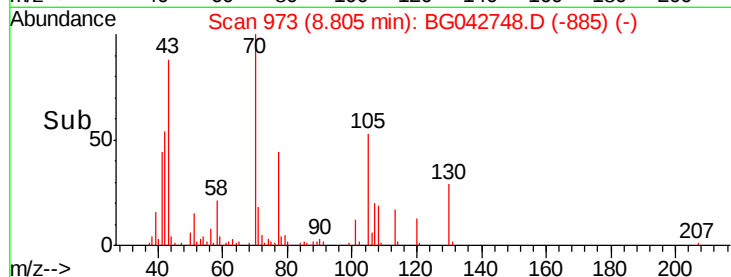
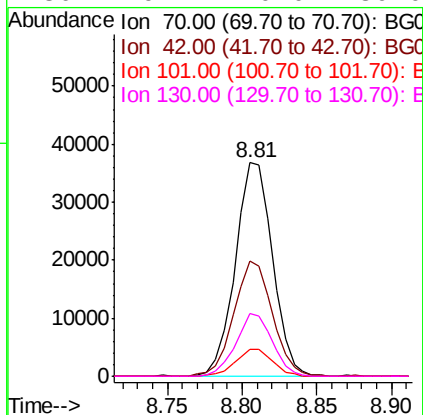
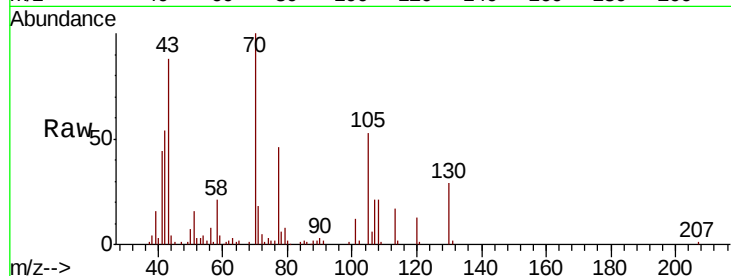




#19
n-Nitroso-di-n-propylamine
Concen: 37.615 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

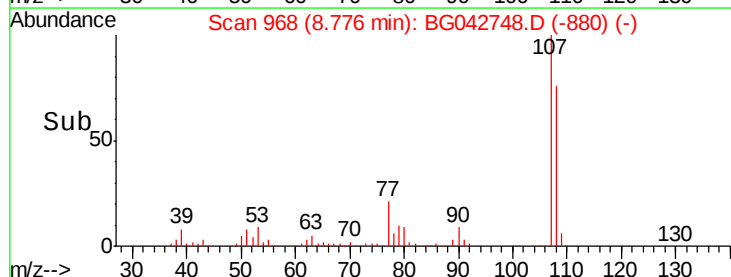
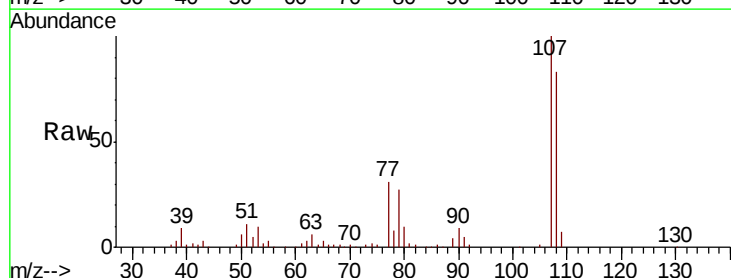
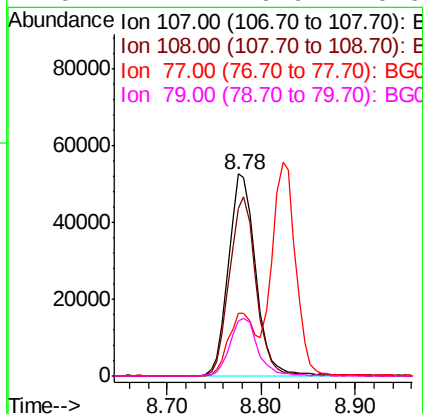
Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	63819
Ion	Ratio	Lower	Upper
70	100		
42	53.7	38.8	58.2
101	12.3	9.0	13.6
130	29.1	20.0	30.0



#20
3+4-Methylphenols
Concen: 39.083 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion:	107	Resp:	106066
Ion	Ratio	Lower	Upper
107	100		
108	82.8	68.7	108.7
77	30.8	10.2	50.2
79	27.2	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 166373

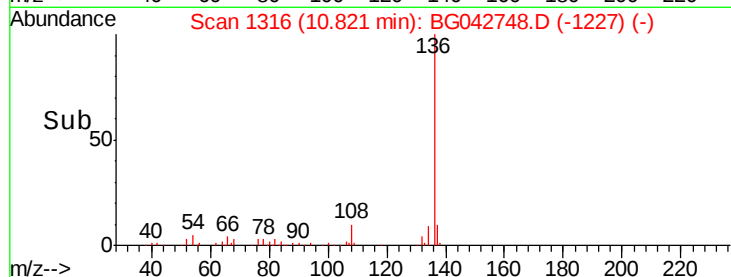
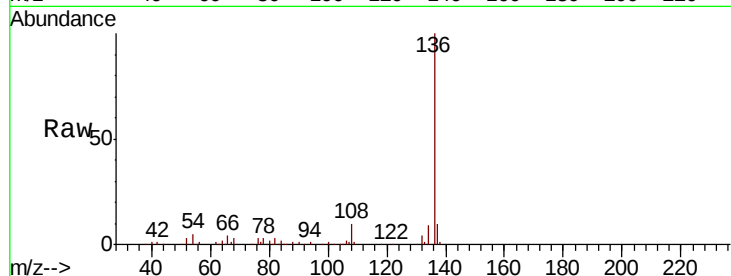
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.2 4.9 7.3

68 3.3 3.6 5.4#



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

150000

100000

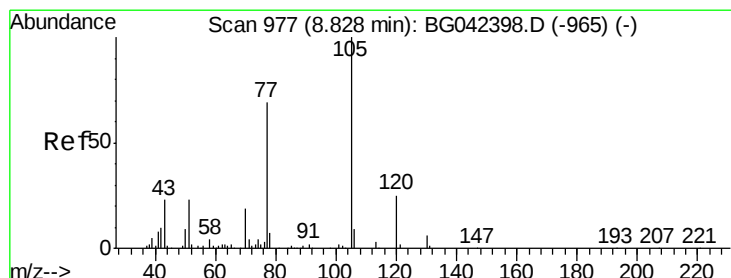
50000

0

10.82

10.80 10.90

Time-->



#22

Acetophenone

Concen: 39.967 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Tgt Ion:105 Resp: 142220

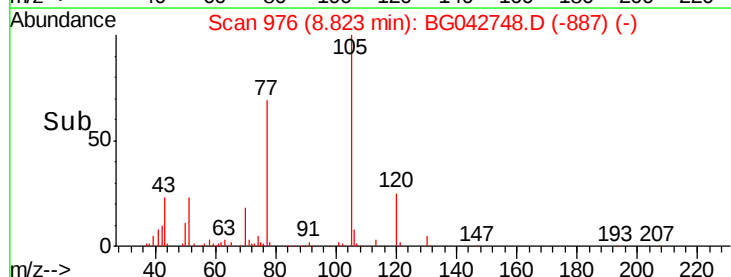
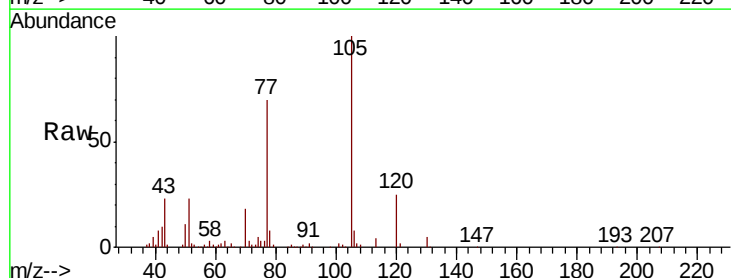
Ion Ratio Lower Upper

105 100

71 2.8 2.8 4.2#

51 23.4 18.7 28.1

120 25.2 20.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

120000

100000

80000

60000

40000

20000

0

8.82

8.70 8.90

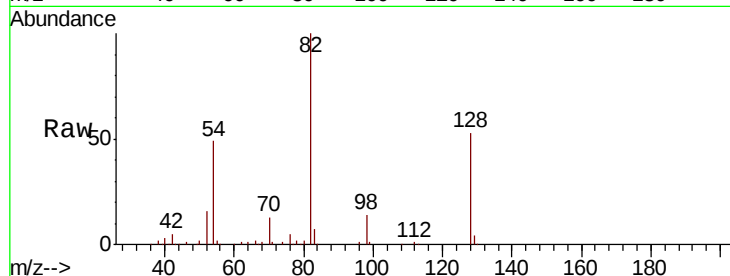
Time-->



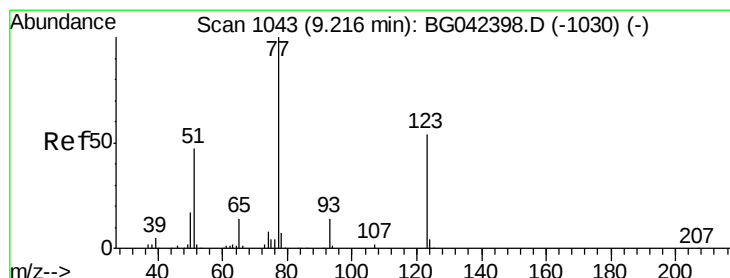
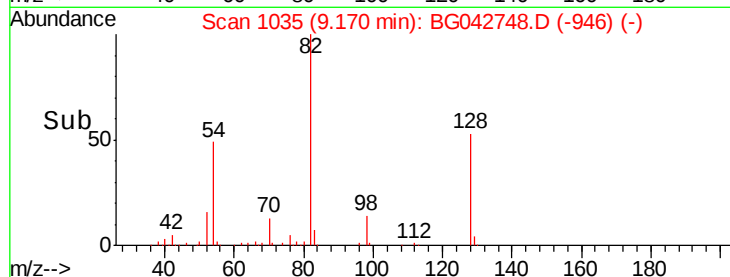
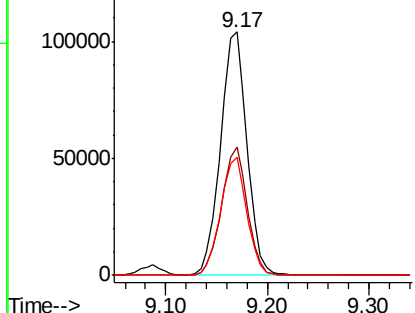
#23
 Nitrobenzene-d5
 Concen: 78.154 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	188161
Ion Ratio	Lower	Upper	
82	100		
128	52.6	40.7	61.1
54	48.6	36.3	54.5

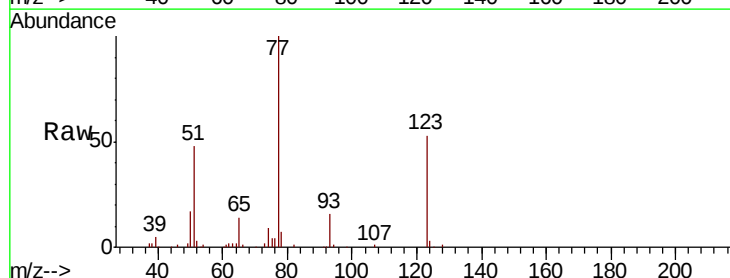


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

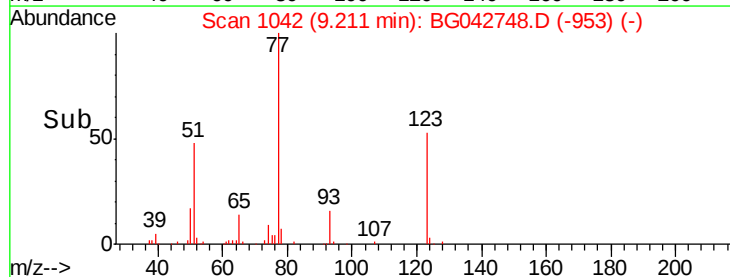
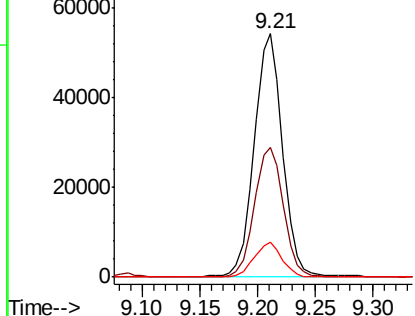


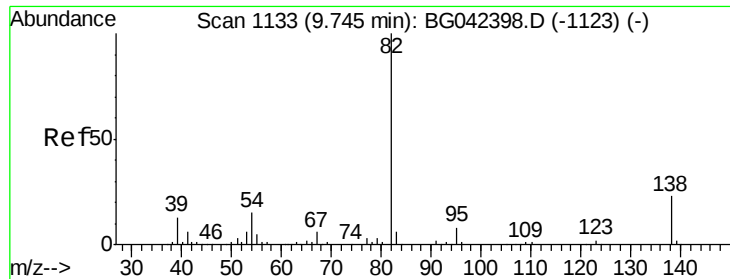
#24
 Nitrobenzene
 Concen: 38.175 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Tgt Ion	77	Resp	93071
Ion Ratio	Lower	Upper	
77	100		
123	53.2	43.4	65.0
65	14.3	11.0	16.6



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





#25

Isophorone

Concen: 38.632 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampled :

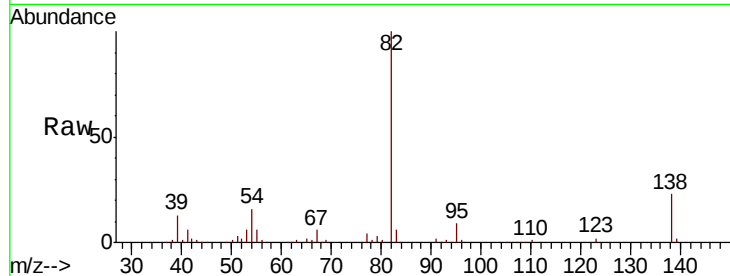
Tot Ion: 82 Resp: 183557

Ion Ratio Lower Upper

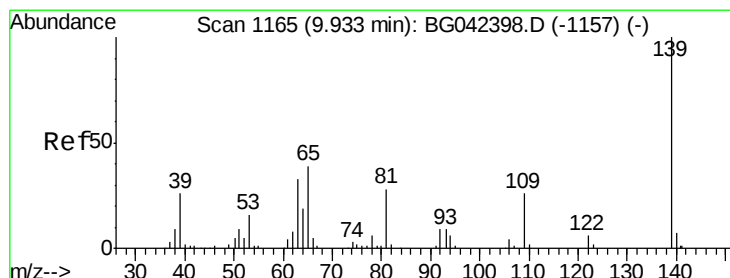
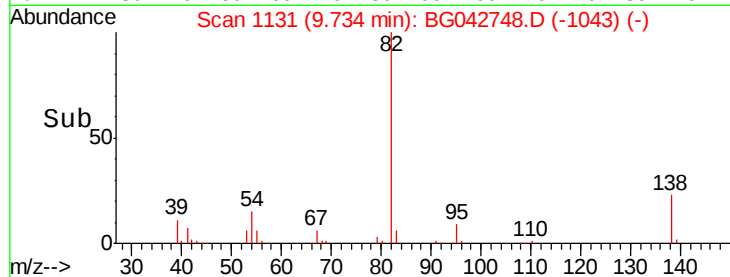
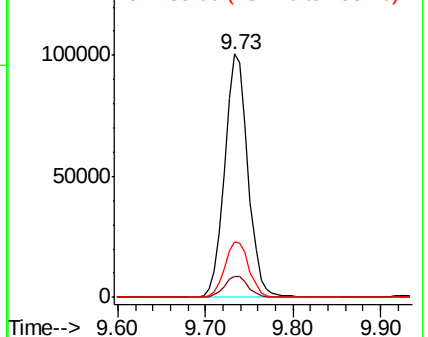
82 100

95 8.6 6.6 9.8

138 22.5 18.6 27.8



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



#26

2-Nitrophenol

Concen: 40.219 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

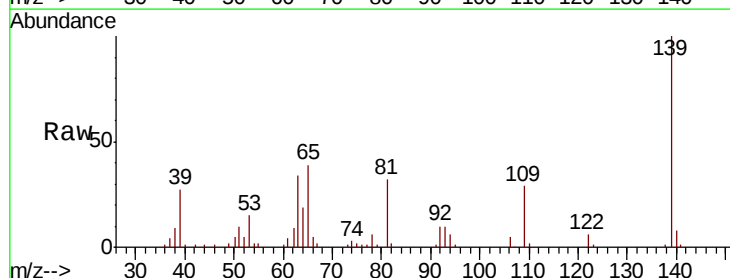
Tgt Ion: 139 Resp: 61448

Ion Ratio Lower Upper

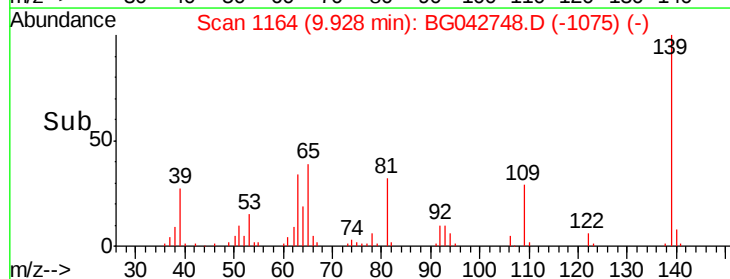
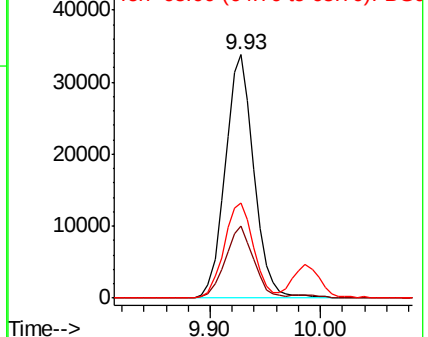
139 100

109 29.4 20.5 30.7

65 39.0 30.9 46.3



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

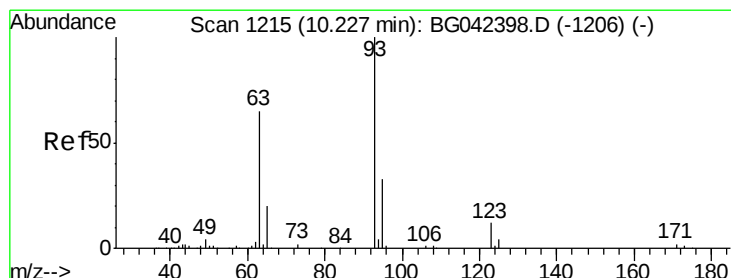
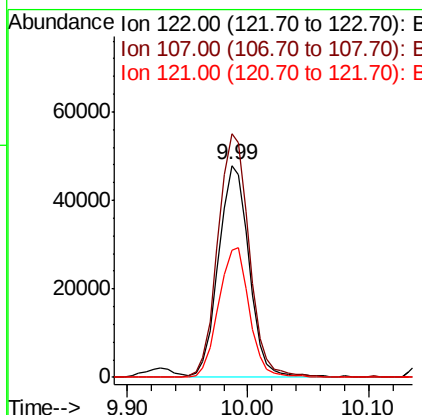
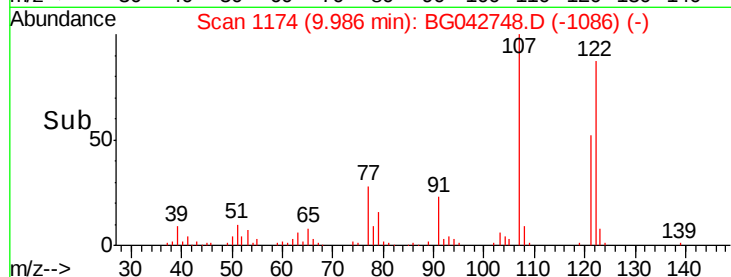
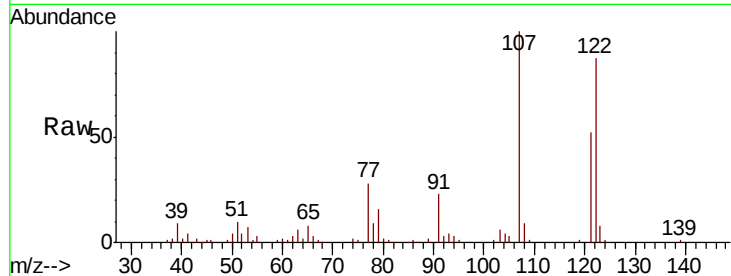




#27
 2,4-Dimethylphenol
 Concen: 40.036 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

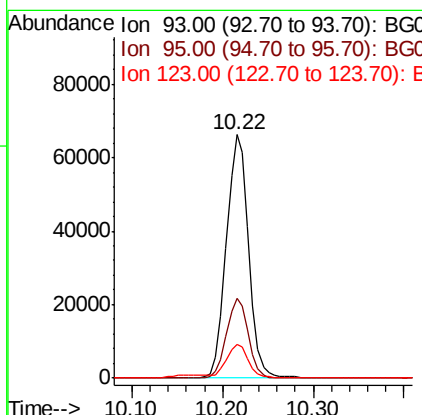
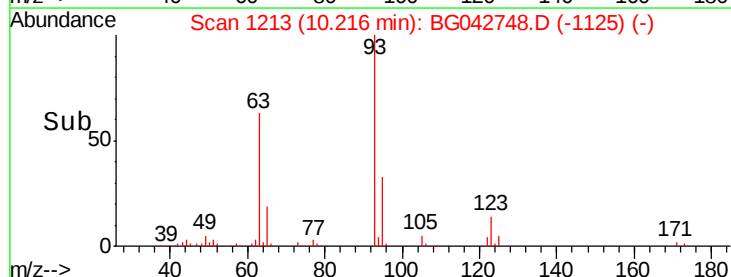
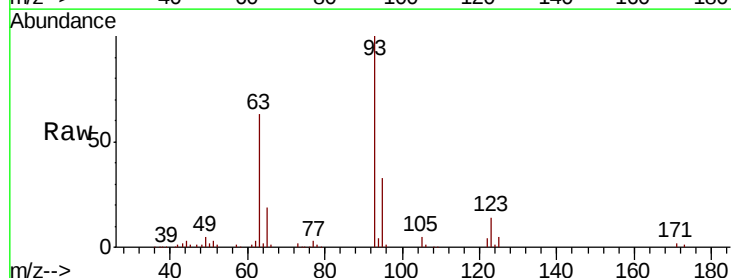
Instrument :
 BNA_G
 ClientSampleId :

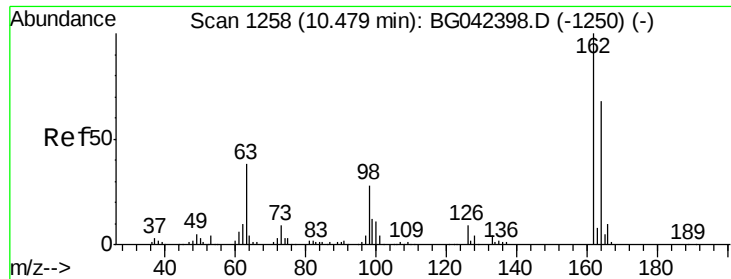
Tot Ion:122 Resp: 84258
 Ion Ratio Lower Upper
 122 100
 107 115.0 90.8 136.2
 121 59.7 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.654 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Tgt Ion: 93 Resp: 112762
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.6 40.0
 123 14.0 10.1 15.1

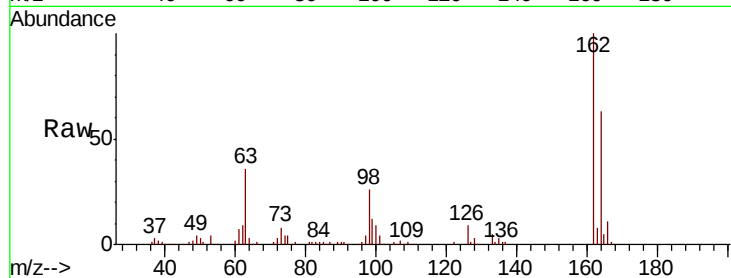




#29
 2,4-Dichlorophenol
 Concen: 42.348 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	116606
Ion	Ratio	Lower	Upper
162	100		
164	62.7	48.1	88.1
98	25.7	7.6	47.6

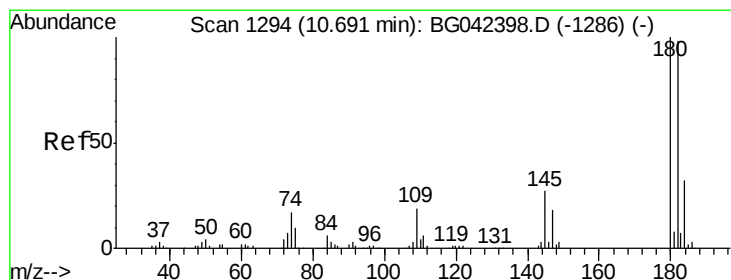
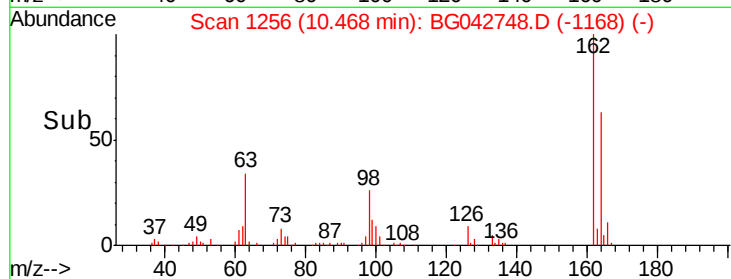
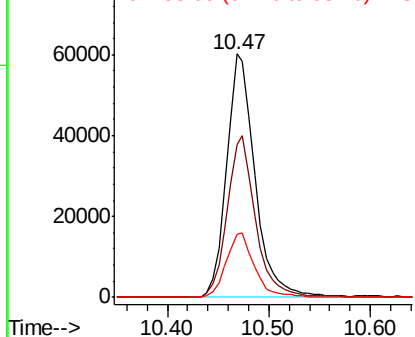


Abundance

Ion 162.00 (161.70 to 162.70): E

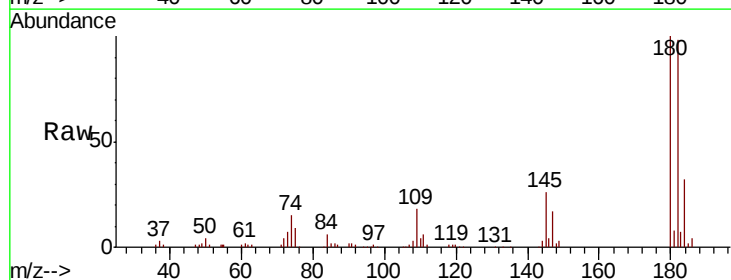
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 41.901 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Tgt Ion	180	Resp	141615
Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.7	118.1
145	25.5	21.6	32.4

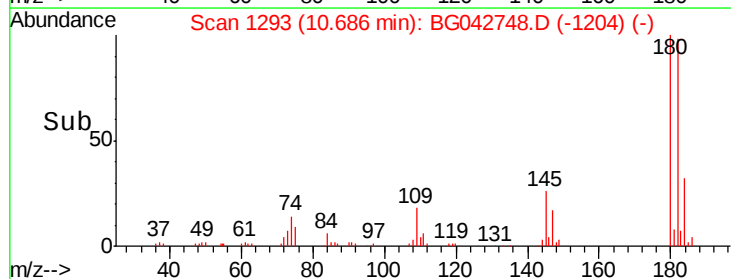
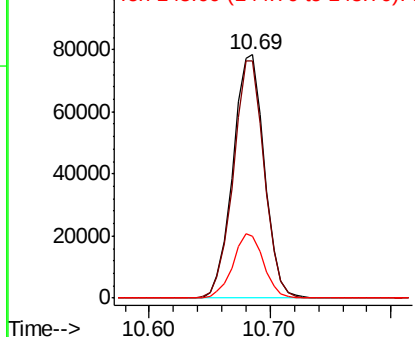


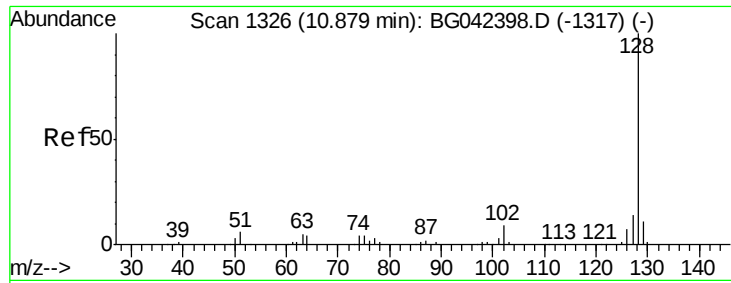
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

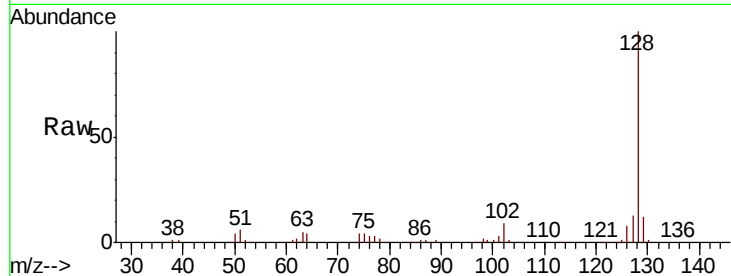




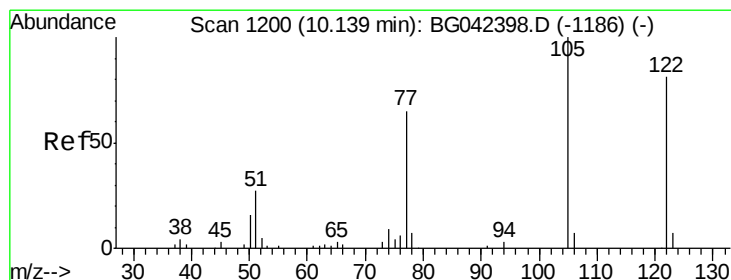
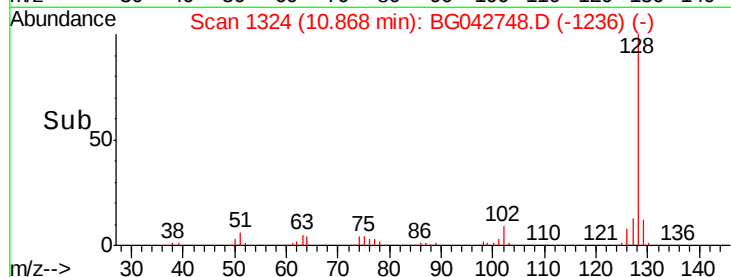
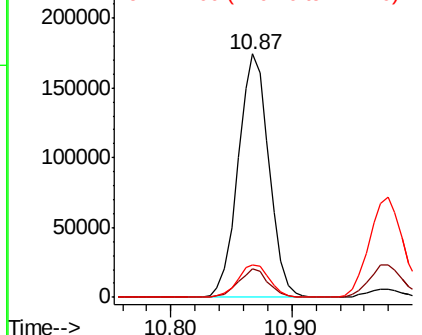
#31
Naphthalene
Concen: 39.979 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 308809
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.5 11.4 17.0

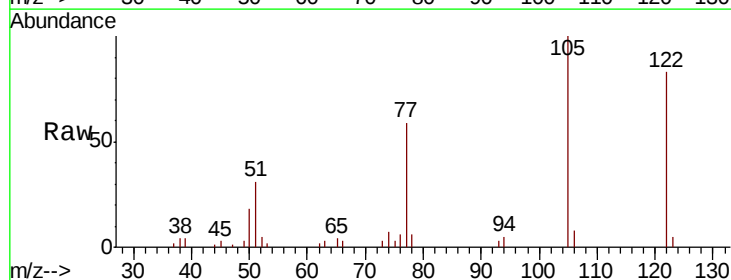


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

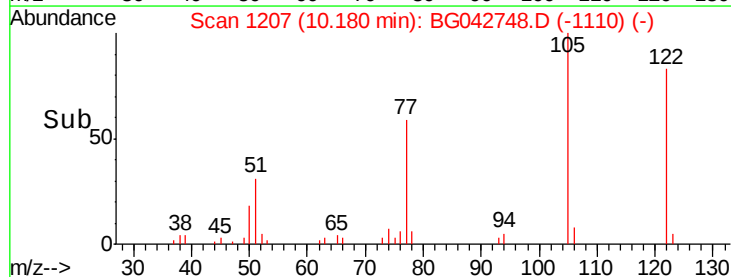
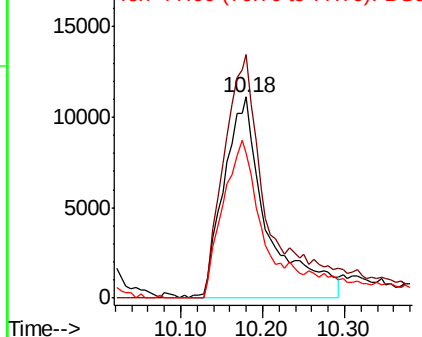


#32
Benzoic acid
Concen: 30.380 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.04 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion:122 Resp: 40882
Ion Ratio Lower Upper
122 100
105 121.2 99.6 139.6
77 71.9 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): BGO

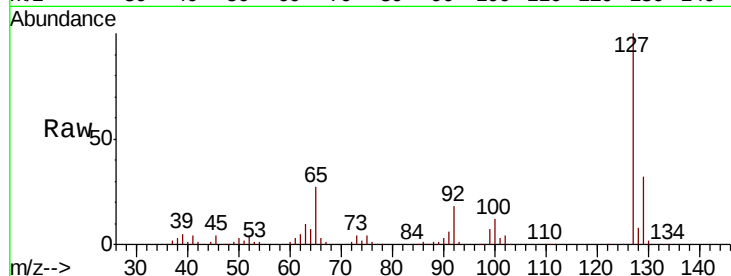




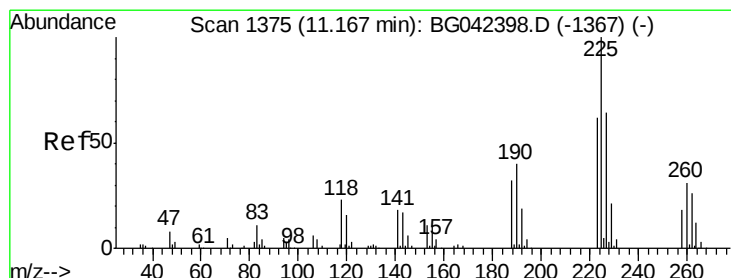
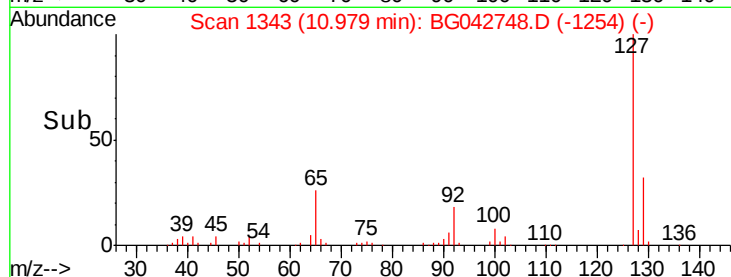
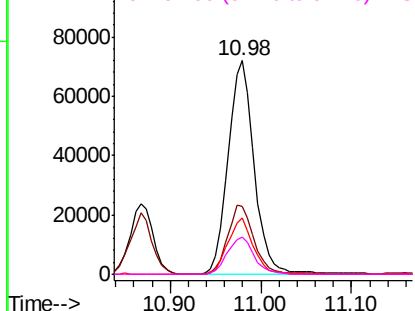
#33
4-Chloroaniline
Concen: 40.407 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	144081
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.8	40.2
65	26.6	20.7	31.1
92	17.6	13.6	20.4

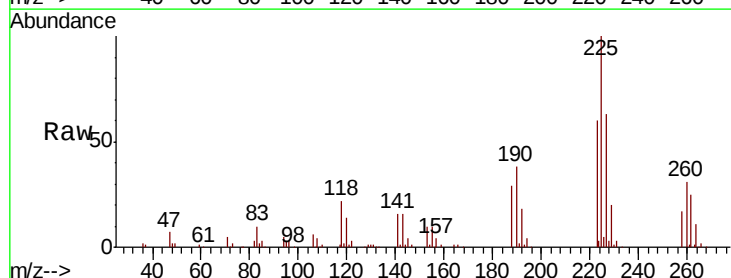


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

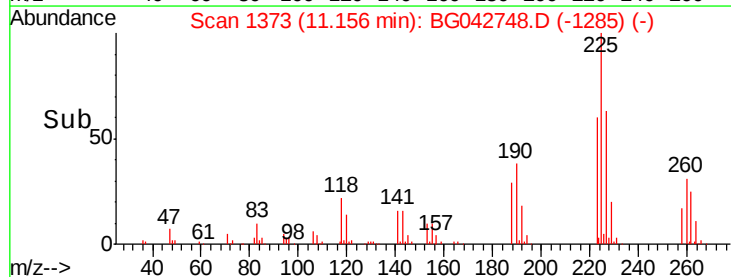
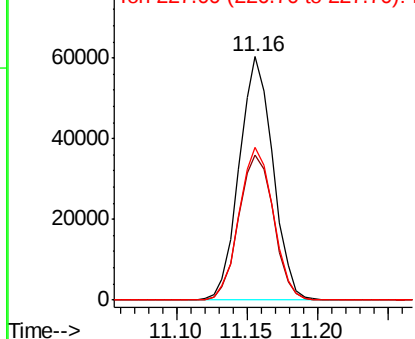


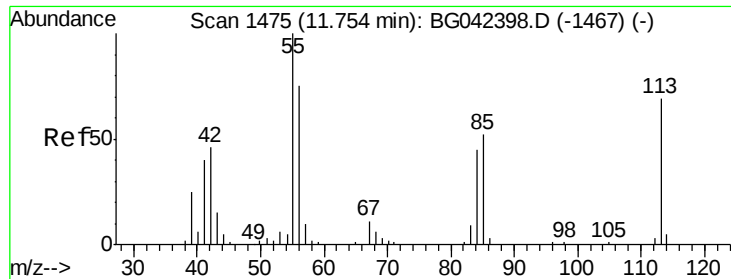
#34
Hexachlorobutadiene
Concen: 44.249 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion:	225	Resp:	100509
Ion	Ratio	Lower	Upper
225	100		
223	59.7	49.8	74.6
227	62.7	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

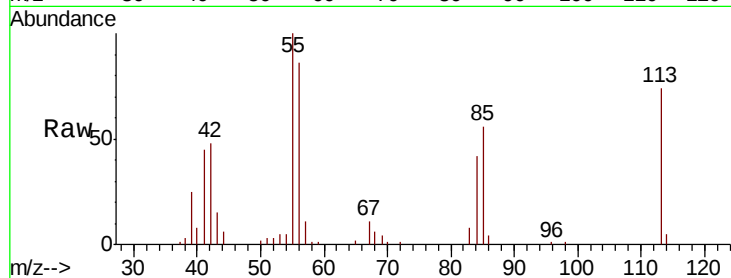




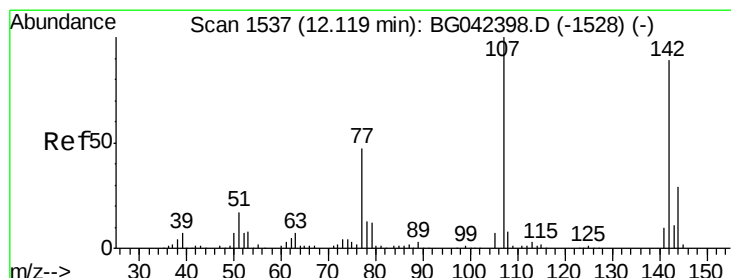
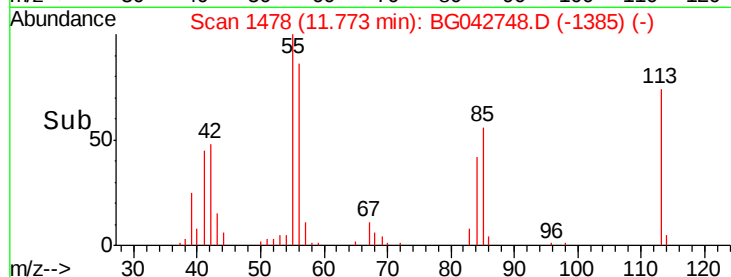
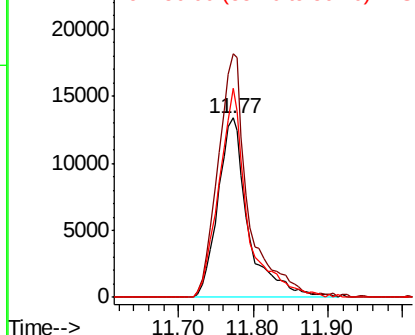
#35
Caprolactam
Concen: 41.212 ng
RT: 11.77 min Scan# 1478
Delta R.T. 0.02 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:113 Resp: 37865
Ion Ratio Lower Upper
113 100
55 136.0 124.6 164.6
56 116.7 88.3 128.3

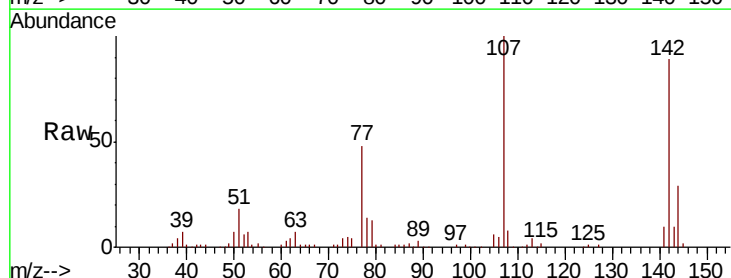


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

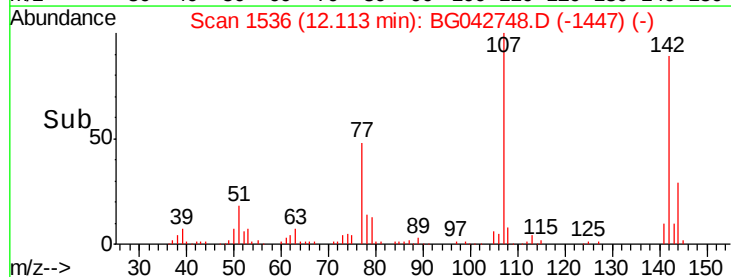
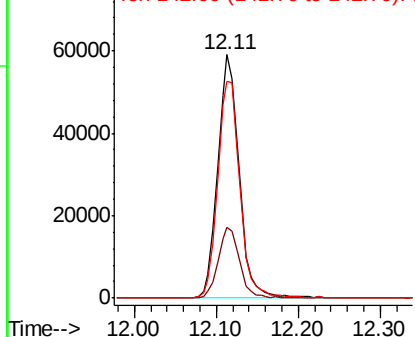


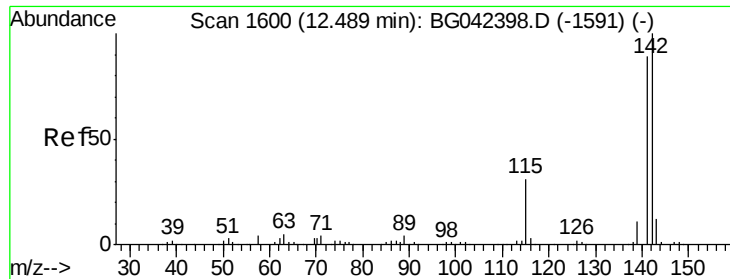
#36
4-Chloro-3-methylphenol
Concen: 41.183 ng
RT: 12.11 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion:107 Resp: 107648
Ion Ratio Lower Upper
107 100
144 29.3 23.6 35.4
142 88.8 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

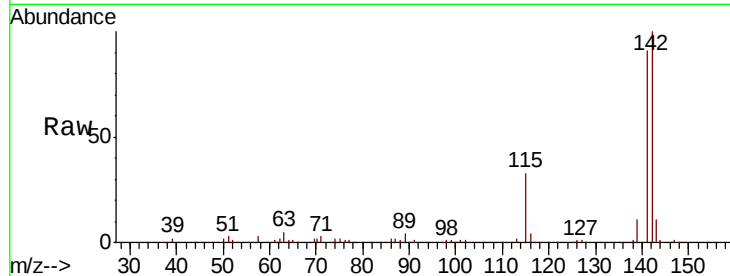




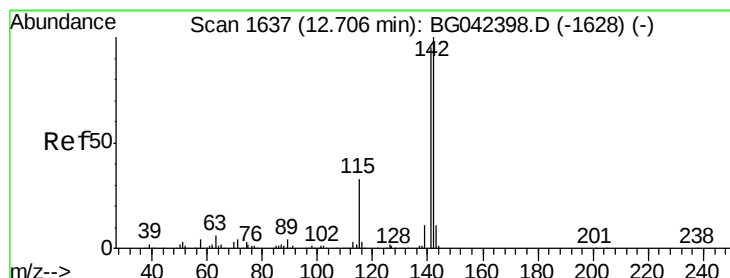
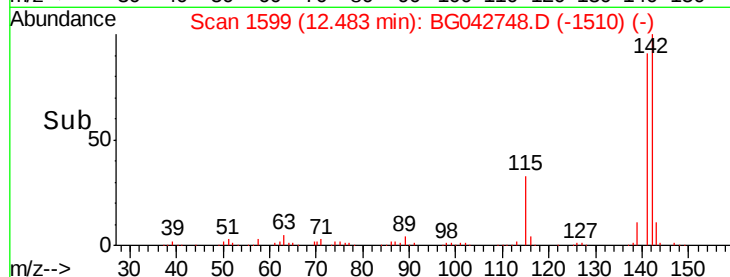
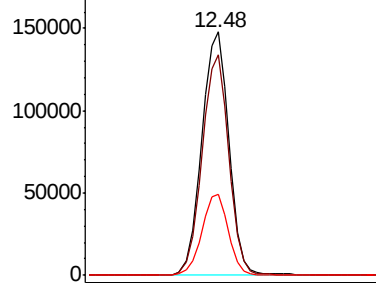
#37
 2-Methylnaphthalene
 Concen: 41.154 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.4	107.2
115	33.1	25.2	37.8

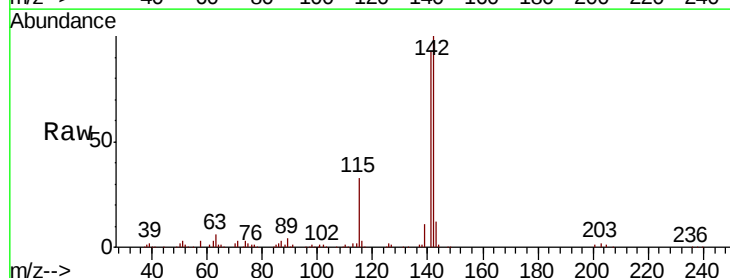


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

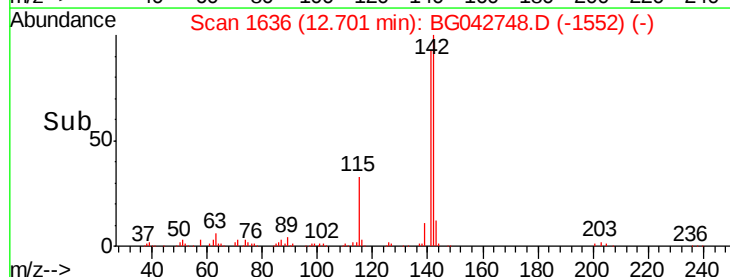
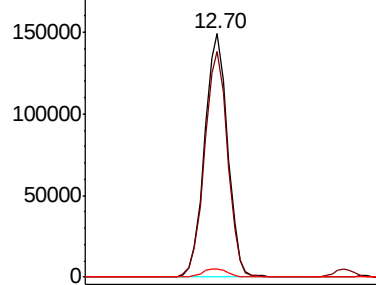


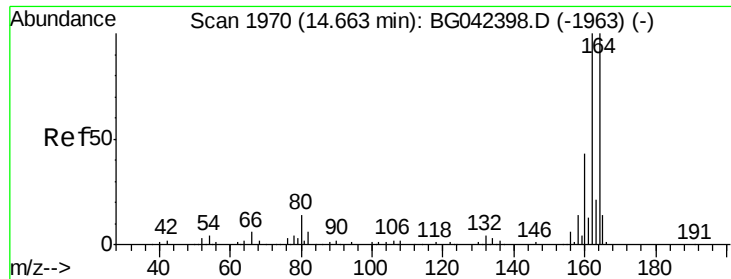
#38
 1-Methylnaphthalene
 Concen: 41.397 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	76.2	114.2
116	3.5	2.8	4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

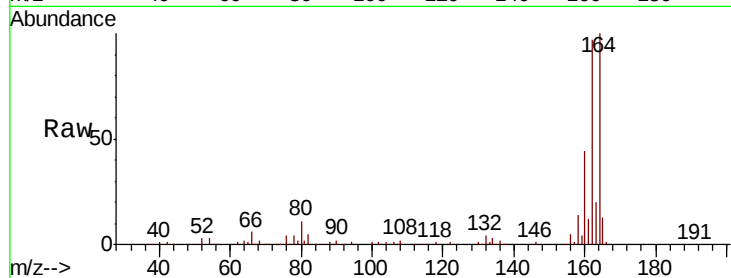
Tot Ion:164 Resp: 134890

Ion Ratio Lower Upper

164 100

162 97.2 79.9 119.9

160 43.6 34.3 51.5

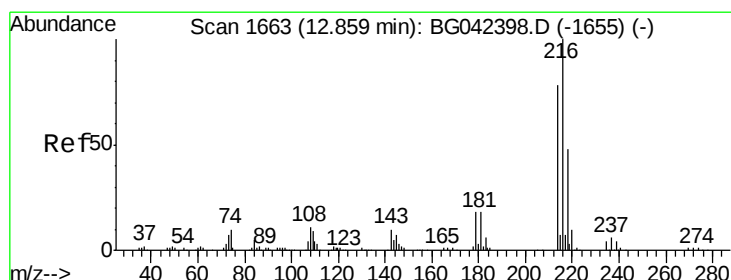
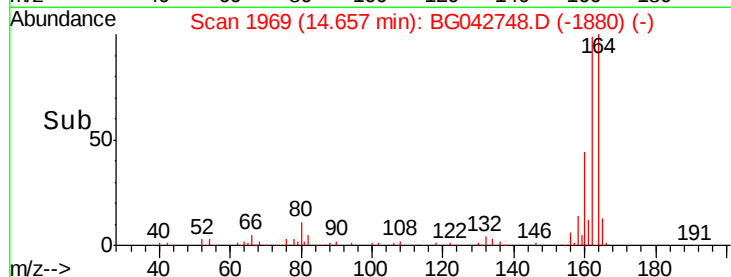
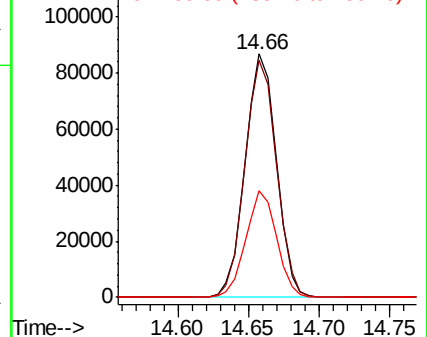


Abundance

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: 41.235 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Tgt Ion:216 Resp: 178622

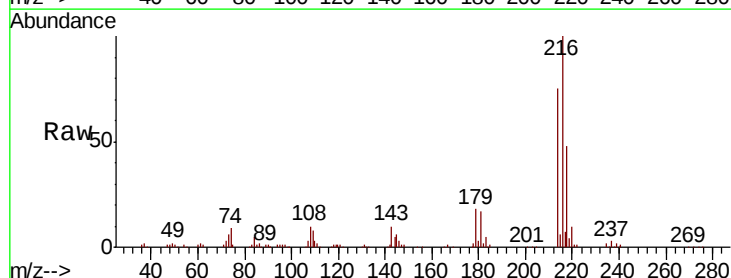
Ion Ratio Lower Upper

216 100

214 76.7 61.4 92.2

179 17.8 15.1 22.7

108 10.9 9.4 14.0



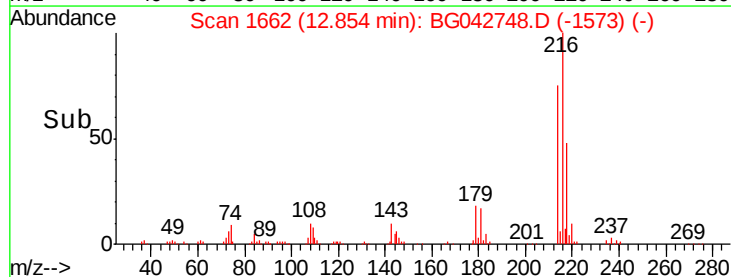
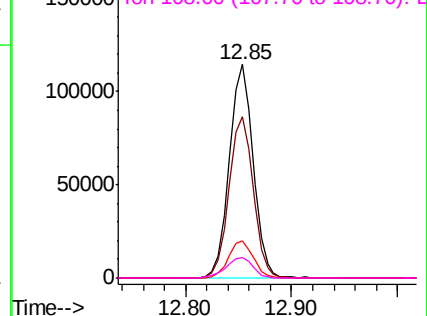
Abundance

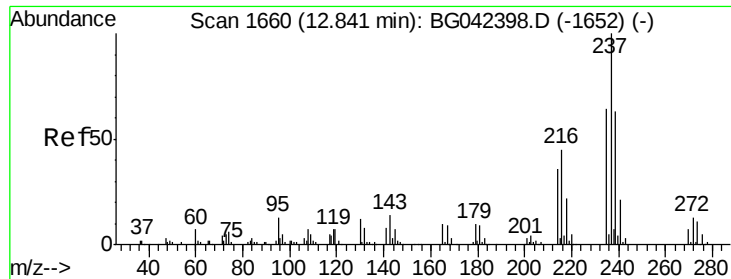
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

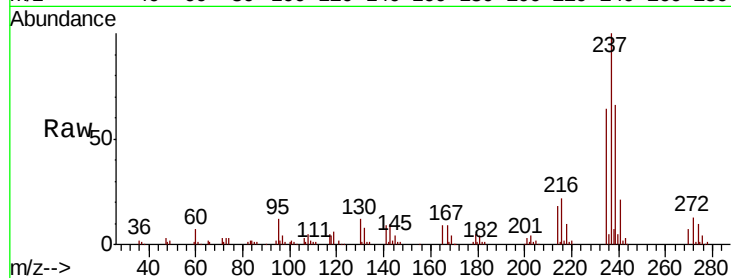




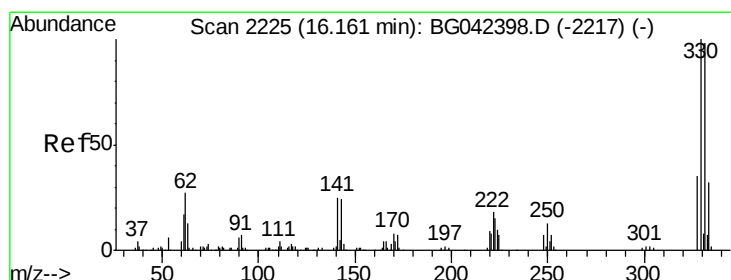
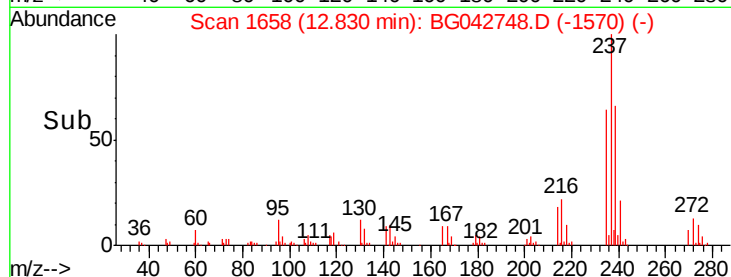
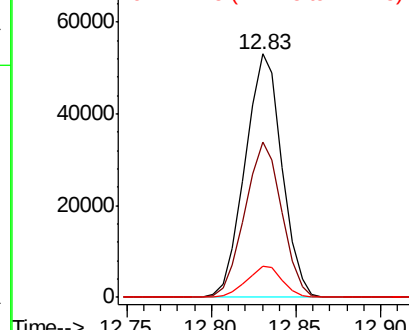
#41
Hexachlorocyclopentadiene
Concen: 35.417 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 80589
Ion Ratio Lower Upper
237 100
235 63.9 43.7 83.7
272 12.9 0.0 33.3

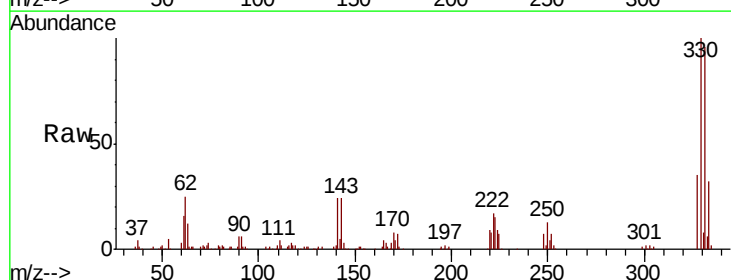


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

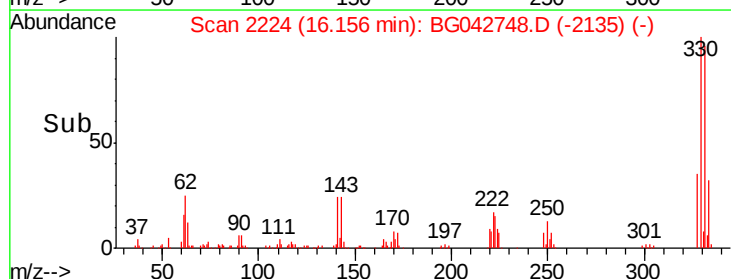
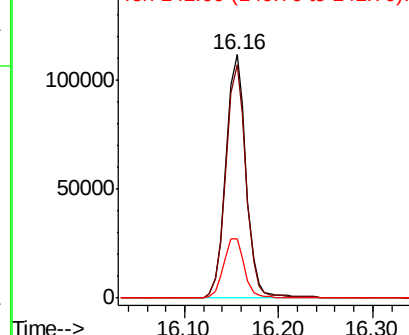


#42
2,4,6-Tribromophenol
Concen: 88.230 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion:330 Resp: 169158
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 25.3 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

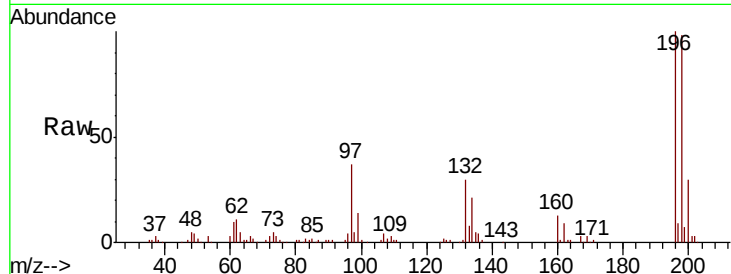




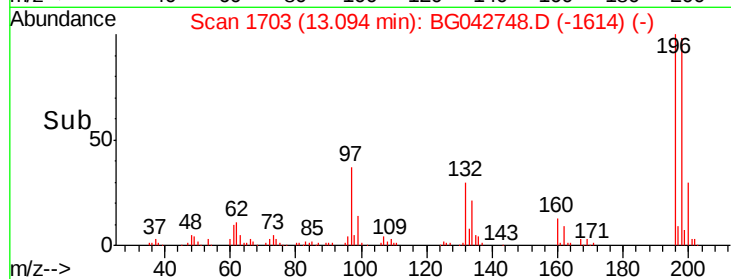
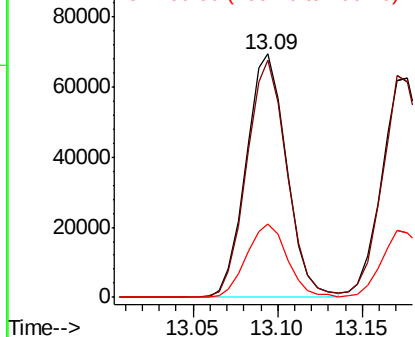
#43
 2,4,6-Trichlorophenol
 Concen: 39.614 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 115989
 Ion Ratio Lower Upper
 196 100
 198 97.5 80.7 121.1
 200 30.4 25.7 38.5



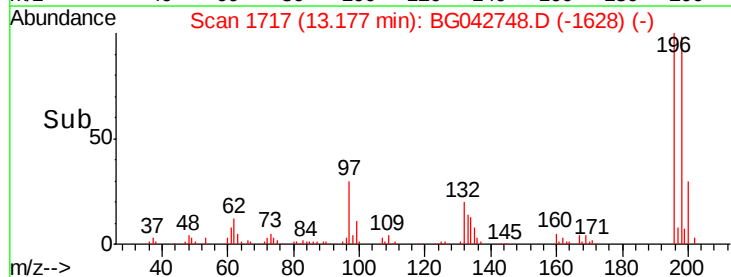
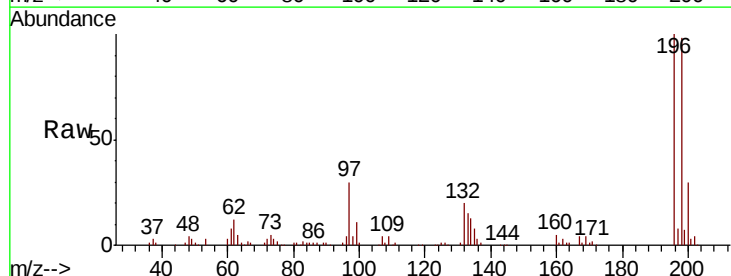
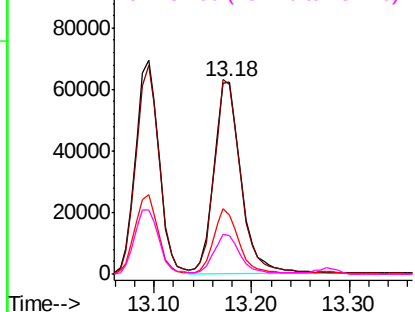
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.430 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Tgt Ion:196 Resp: 119641
 Ion Ratio Lower Upper
 196 100
 198 98.5 80.2 120.4
 97 30.3 26.3 39.5
 132 19.9 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

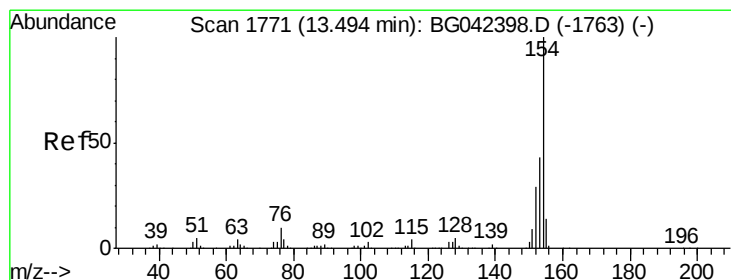
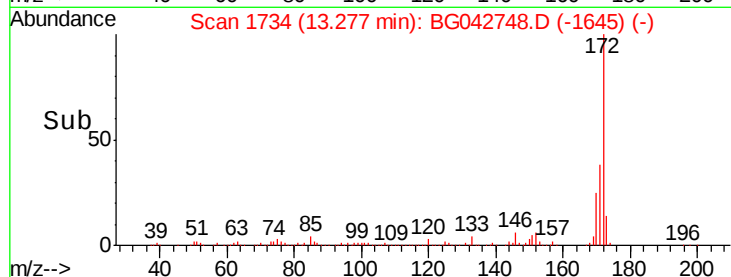
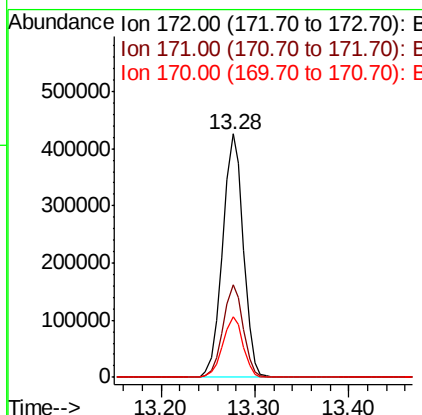
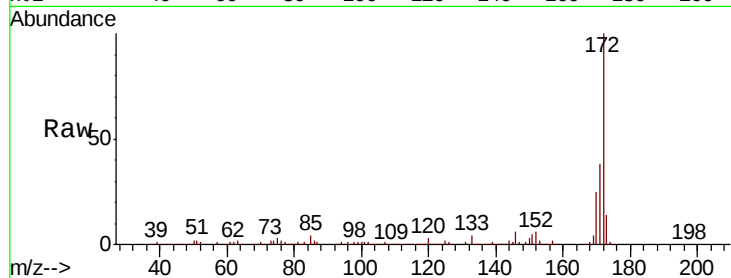




#45
2-Fluorobiphenyl
Concen: 81.713 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

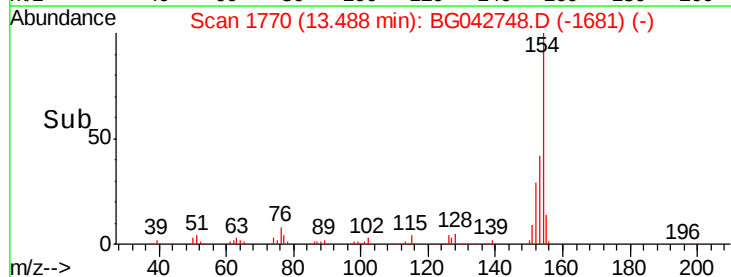
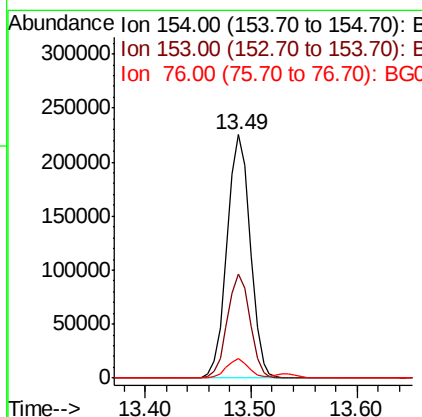
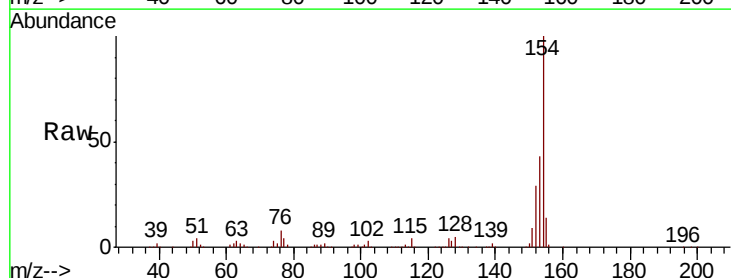
Instrument :
BNA_G
ClientSampleId :

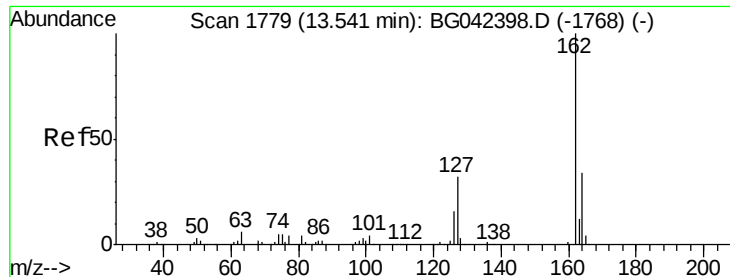
Tot Ion:172 Resp: 651711
Ion Ratio Lower Upper
172 100
171 38.2 30.5 45.7
170 25.1 20.2 30.2



#46
1,1'-Biphenyl
Concen: 39.144 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion:154 Resp: 341310
Ion Ratio Lower Upper
154 100
153 42.5 23.0 63.0
76 7.9 0.0 29.6

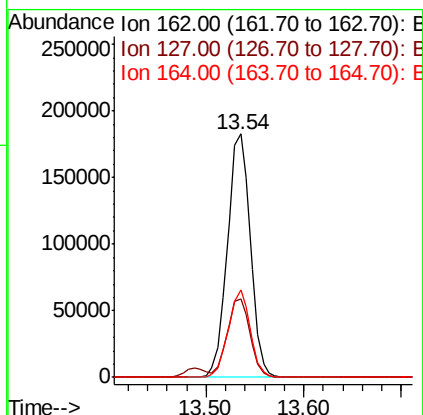
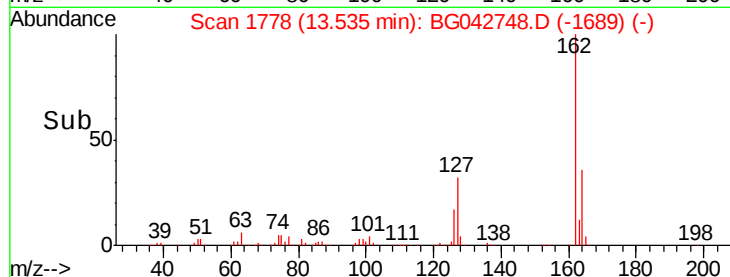
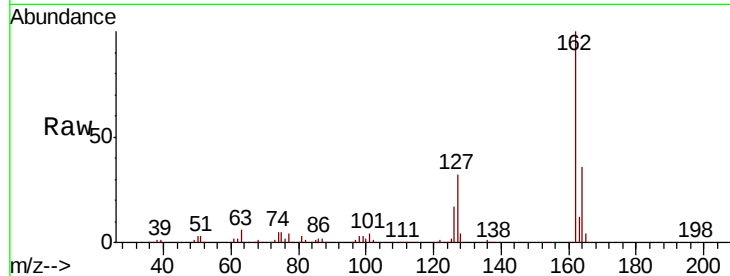




#47
2-Chloronaphthalene
Concen: 39.585 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

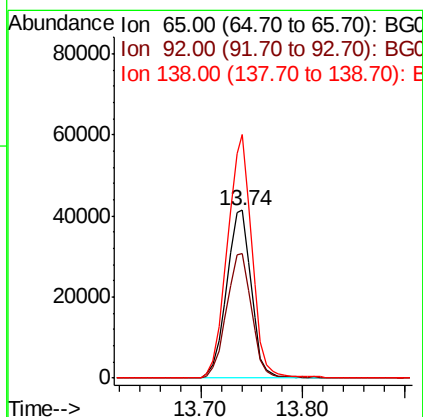
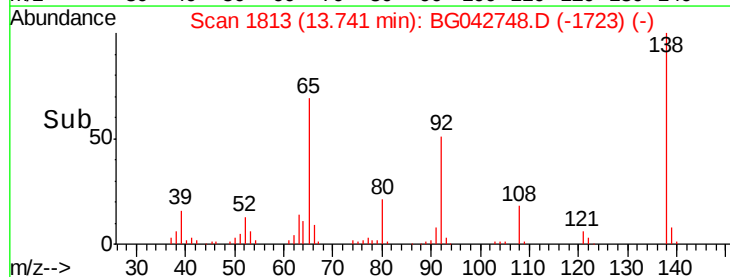
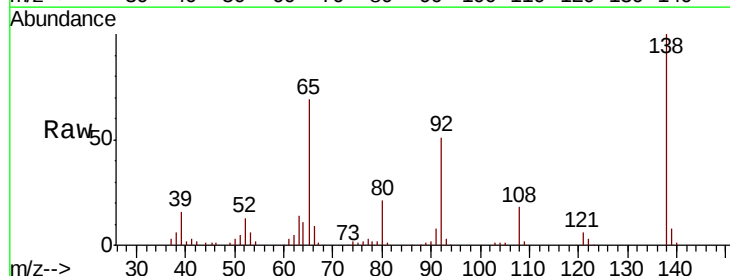
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	32.1	26.0	39.0
164	35.8	27.4	41.0



#48
2-Nitroaniline
Concen: 38.708 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	61.8	92.6
138	145.3	111.0	166.6





#49

Acenaphthylene

Concen: 39.380 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

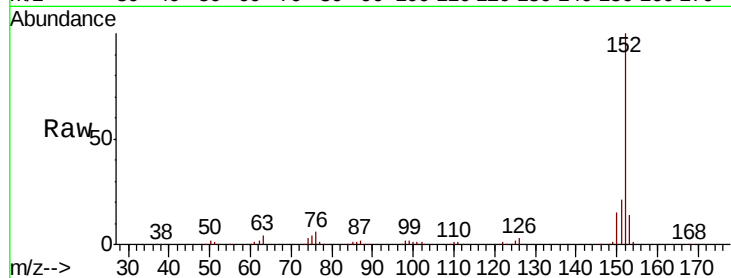
Tot Ion:152 Resp: 445438

Ion Ratio Lower Upper

152 100

151 21.4 17.0 25.4

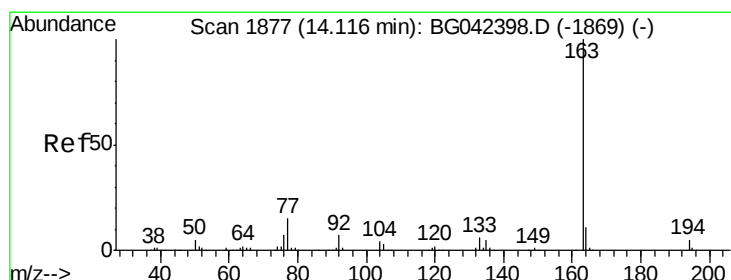
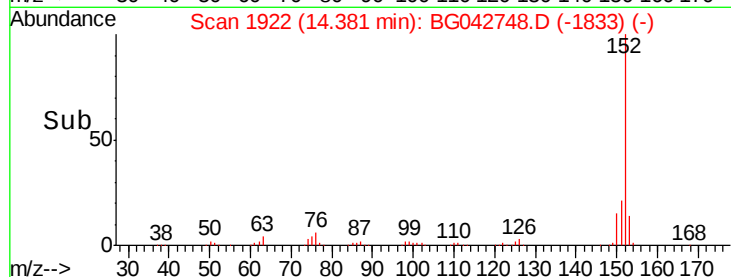
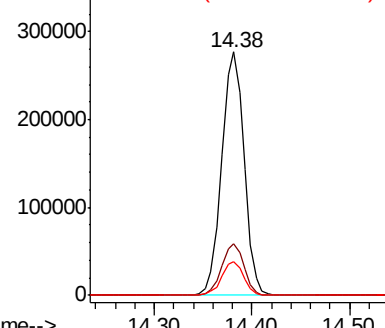
153 14.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.299 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

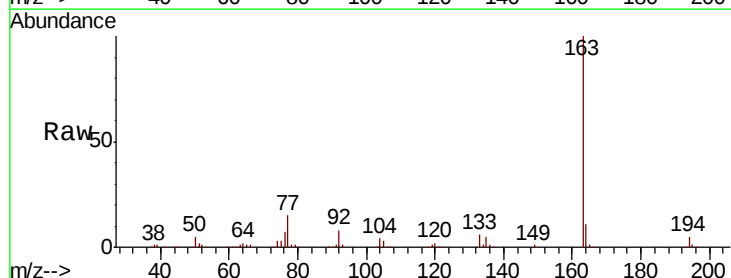
Tgt Ion:163 Resp: 401960

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

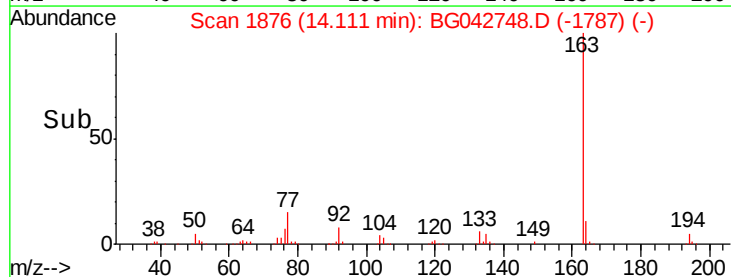
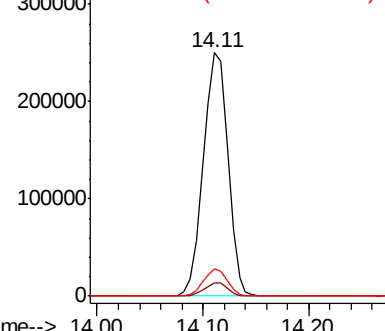
164 11.0 8.8 13.2

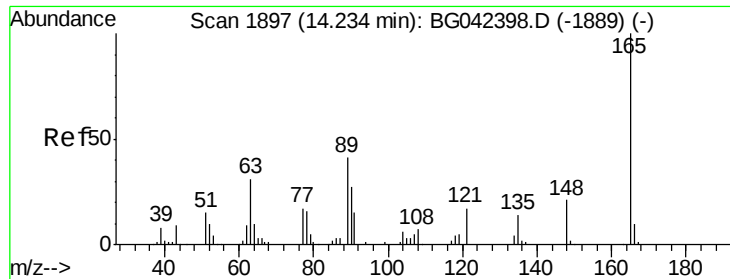


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

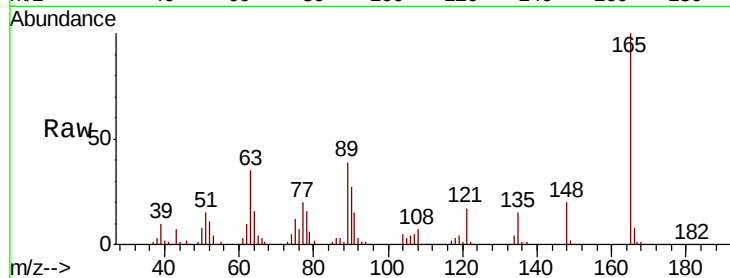




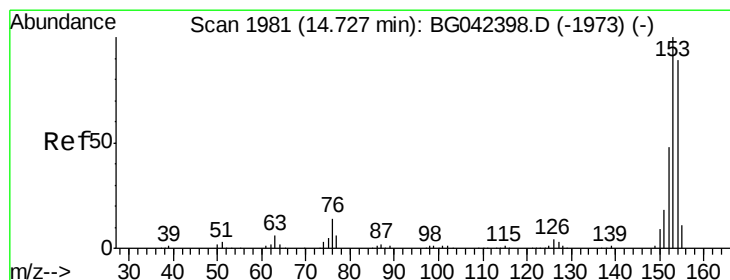
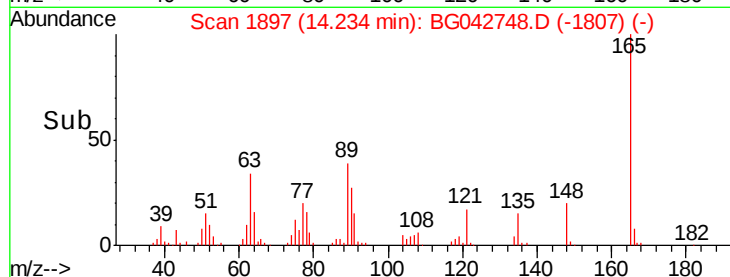
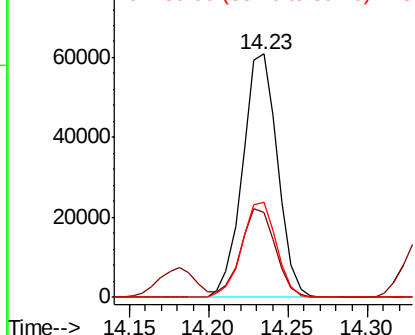
#51
2,6-Dinitrotoluene
Concen: 41.265 ng
RT: 14.23 min Scan# 1897
Delta R.T. 0.00 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.8	30.6	45.8
89	39.3	32.6	49.0

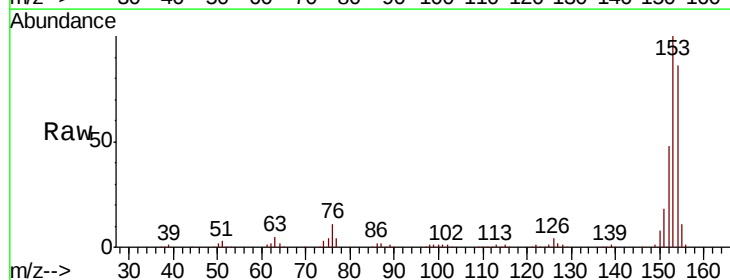


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

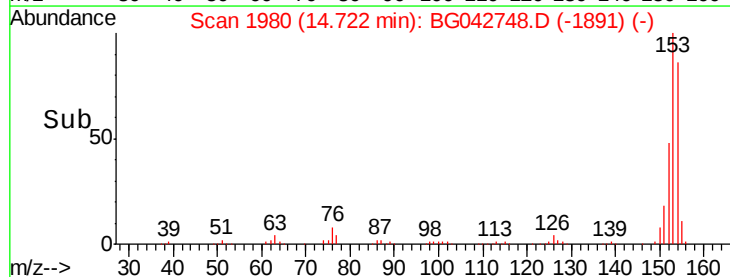
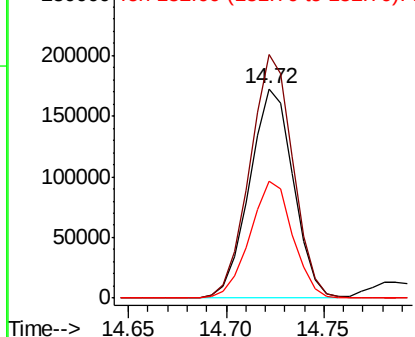


#52
Acenaphthene
Concen: 39.063 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.4	90.2	135.4
152	55.8	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

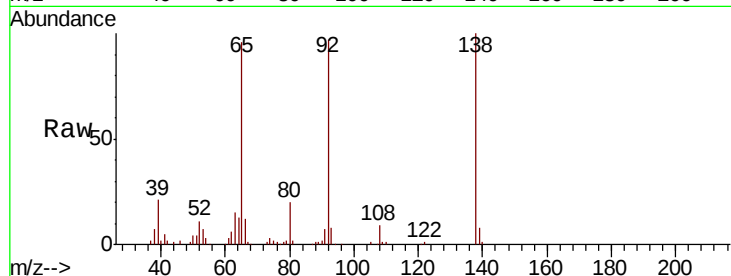




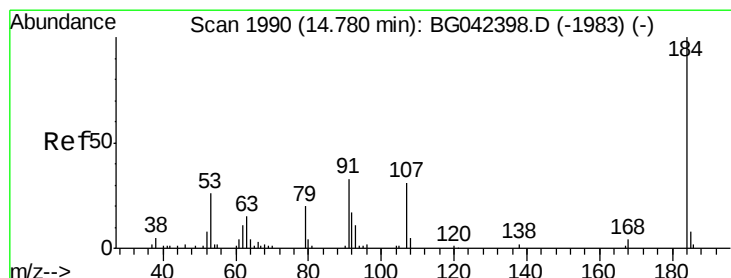
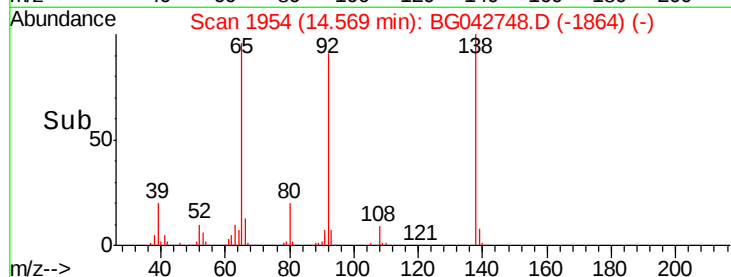
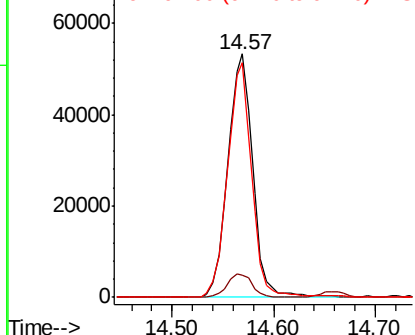
#53
3-Nitroaniline
Concen: 40.163 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 90616
Ion Ratio Lower Upper
138 100
108 9.3 8.3 12.5
92 96.6 78.2 117.4

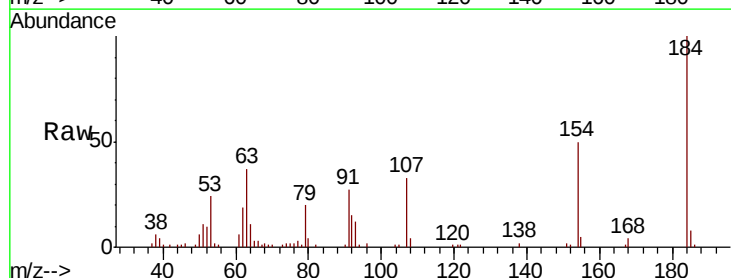


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

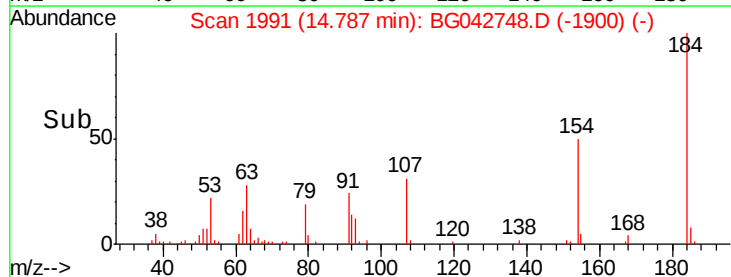
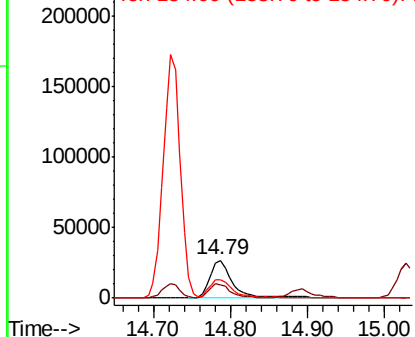


#54
2,4-Dinitrophenol
Concen: 39.857 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion:184 Resp: 55428
Ion Ratio Lower Upper
184 100
63 36.6 31.7 47.5
154 49.7 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

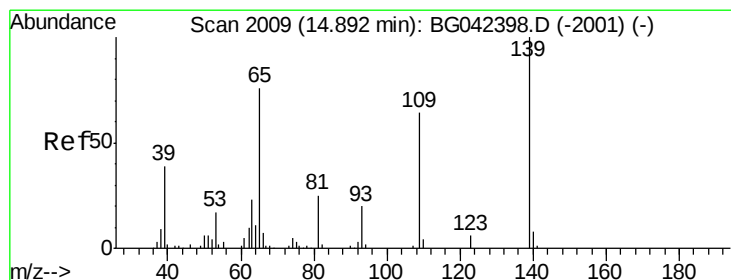
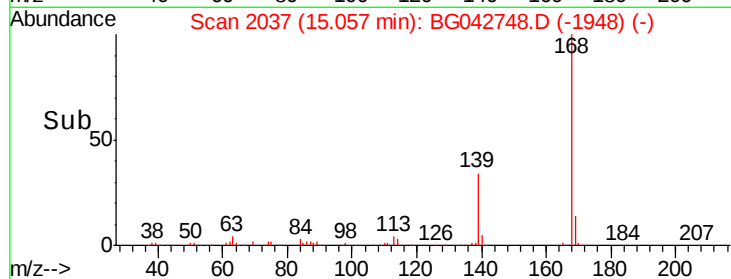
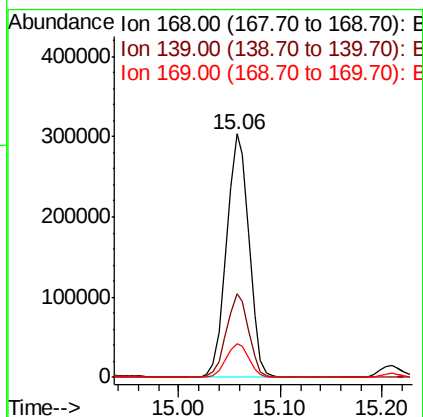
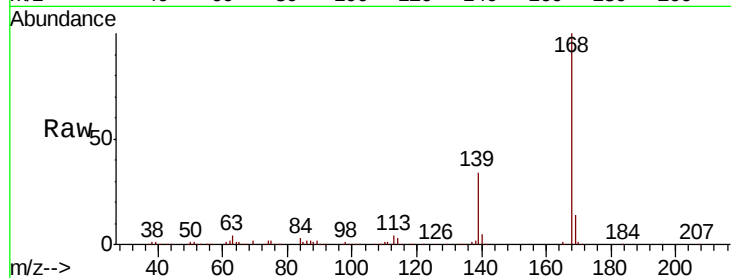




#55
Dibenzenofuran
Concen: 40.898 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

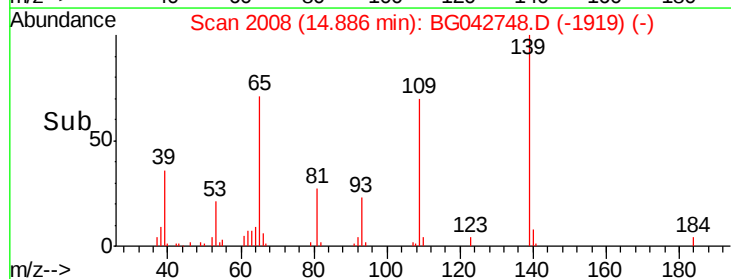
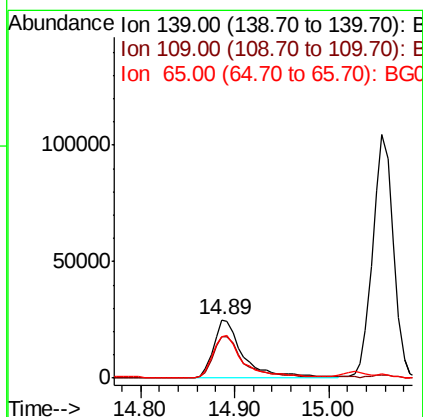
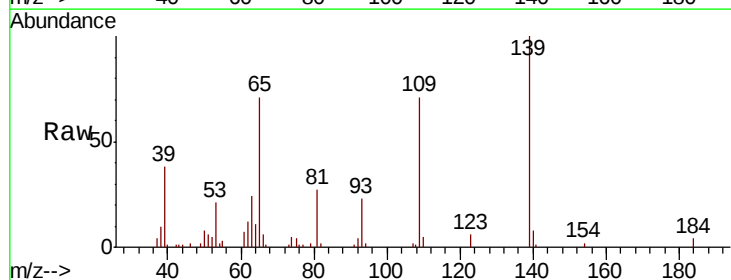
Instrument :
BNA_G
ClientSampleId :

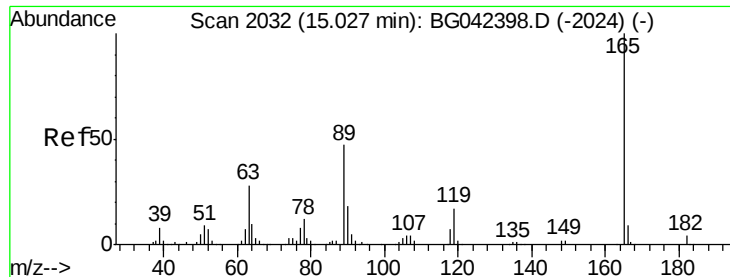
Tot Ion:168 Resp: 464968
Ion Ratio Lower Upper
168 100
139 34.4 27.2 40.8
169 13.9 11.5 17.3



#56
4-Nitrophenol
Concen: 34.984 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion:139 Resp: 56087
Ion Ratio Lower Upper
139 100
109 70.9 43.9 83.9
65 71.3 56.3 96.3

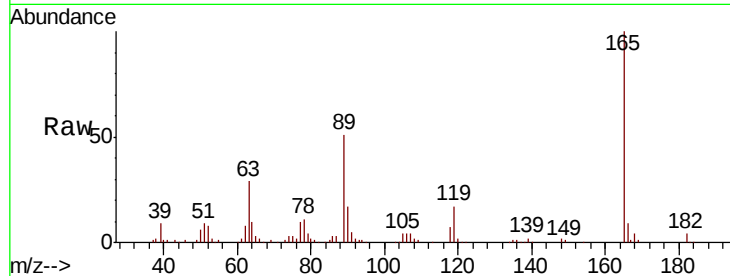




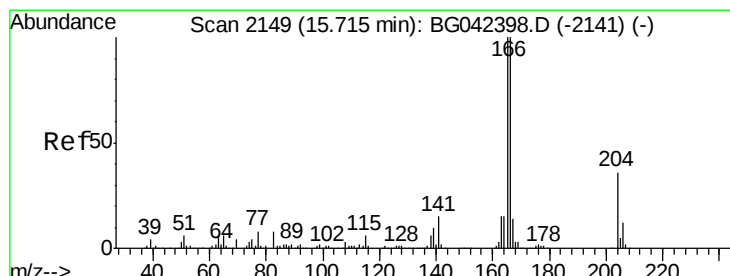
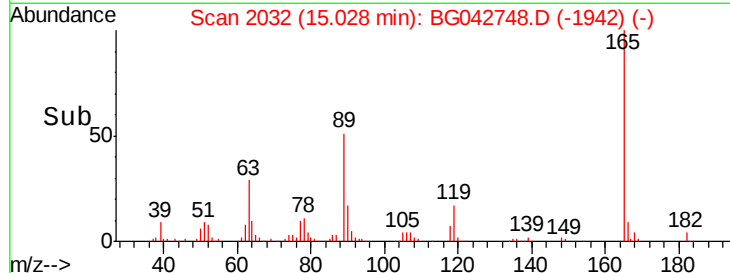
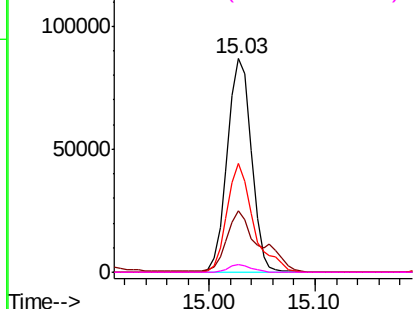
#57
2,4-Dinitrotoluene
Concen: 42.441 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	137107
Ion Ratio	Lower	Upper
165	100	
63	28.8	22.5 33.7
89	50.9	37.8 56.6
182	3.7	3.0 4.4

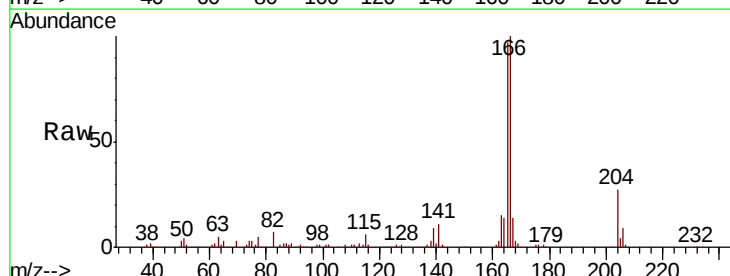


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

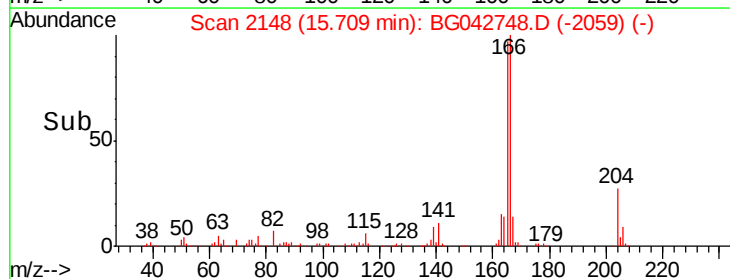
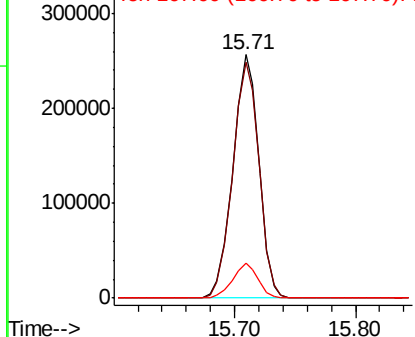


#58
Fluorene
Concen: 41.310 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion:166	Resp:	383916
Ion Ratio	Lower	Upper
166	100	
165	97.1	79.7 119.5
167	14.3	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

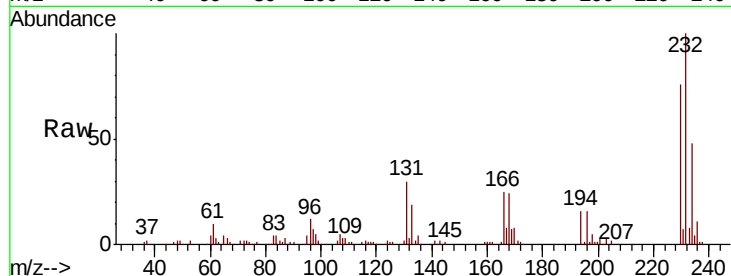




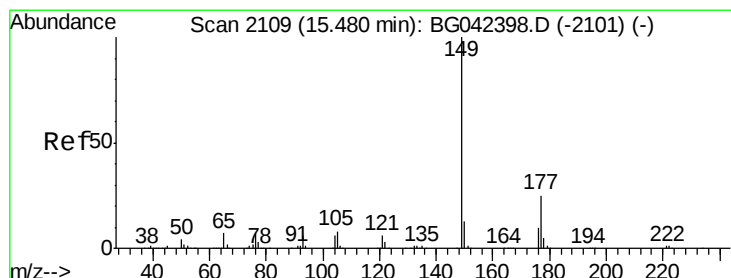
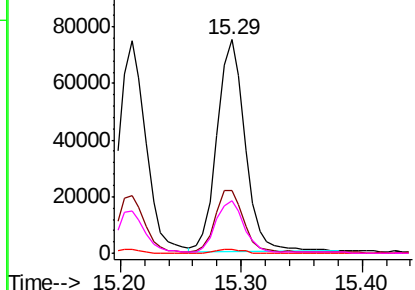
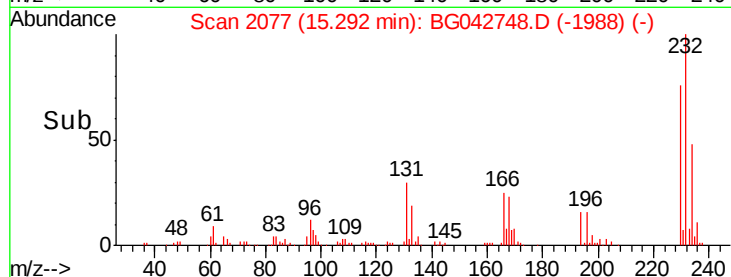
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.364 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	121119
Ion	Ratio	Lower	Upper
232	100		
131	32.1	22.9	34.3
130	1.6	1.4	2.0
166	24.4	17.0	25.4

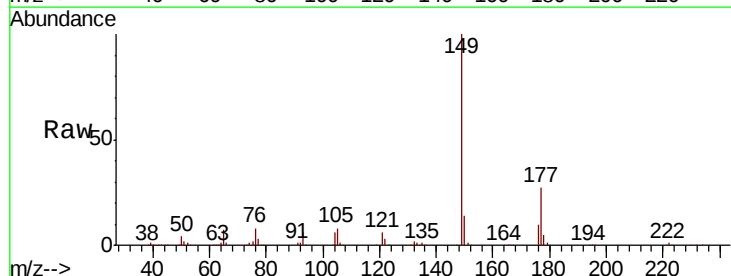


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

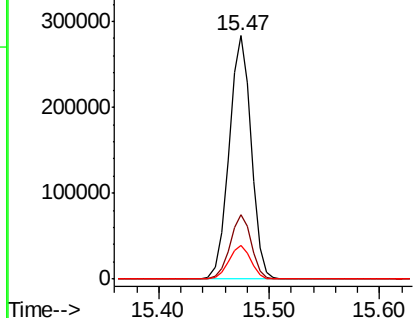
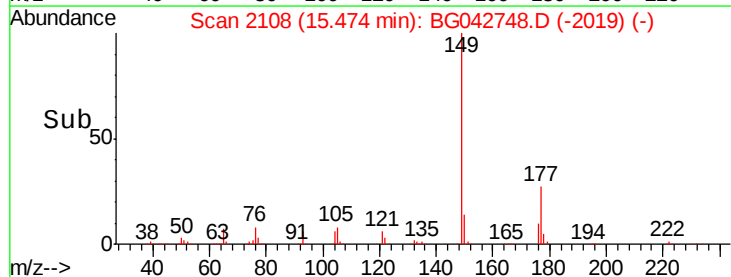


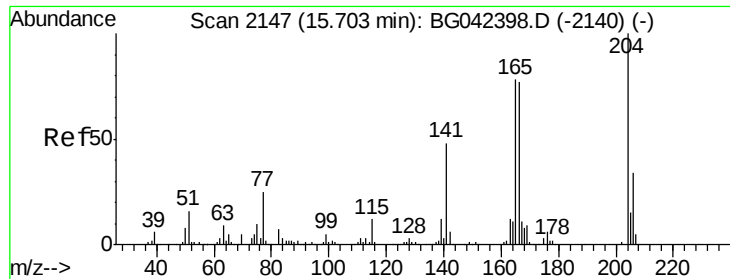
#60
 Diethylphthalate
 Concen: 41.685 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Tgt Ion:	149	Resp:	396604
Ion	Ratio	Lower	Upper
149	100		
177	26.5	20.4	30.6
150	13.9	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

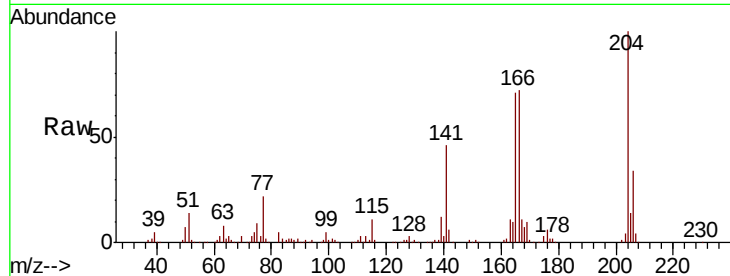




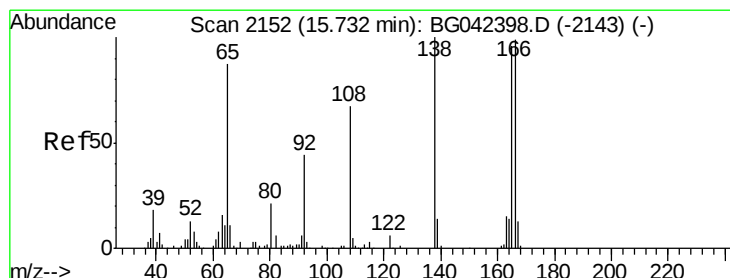
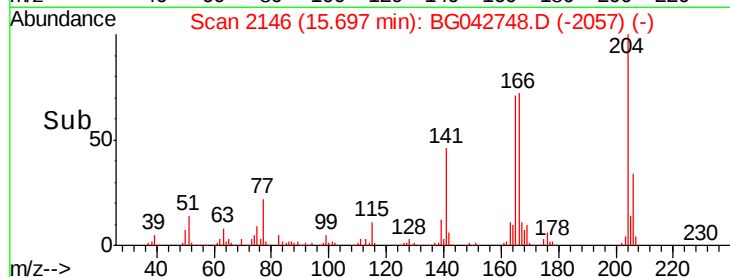
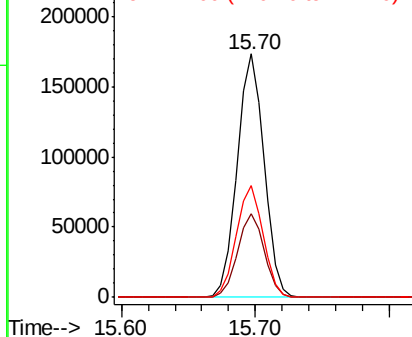
#61
4-Chlorophenyl-phenylether
Concen: 43.048 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 241170
Ion Ratio Lower Upper
204 100
206 34.5 27.2 40.8
141 46.0 38.7 58.1

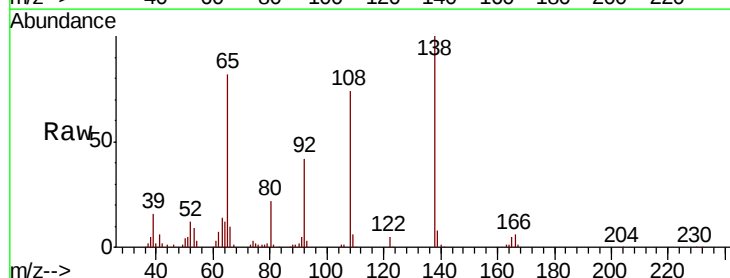


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

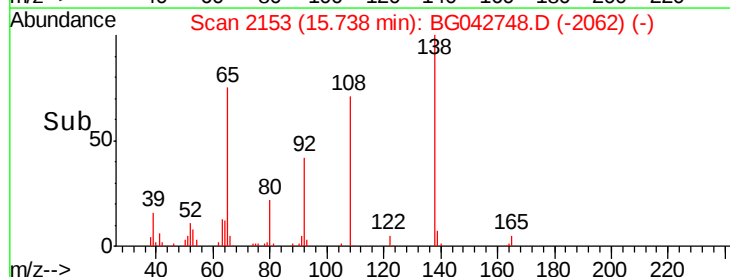
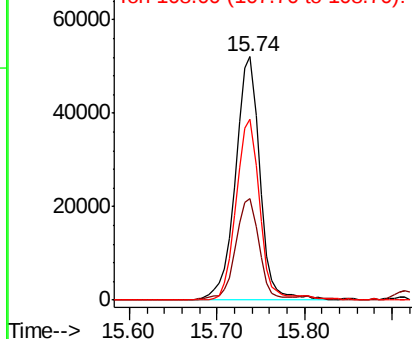


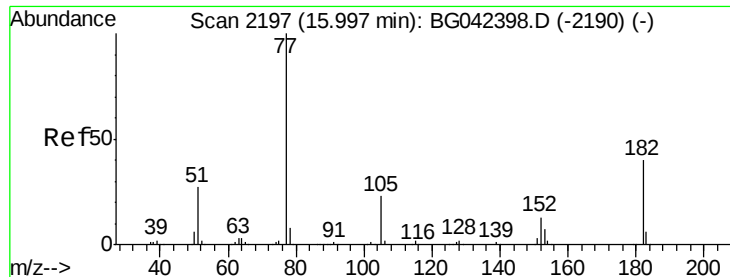
#62
4-Nitroaniline
Concen: 40.630 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion:138 Resp: 98110
Ion Ratio Lower Upper
138 100
92 41.8 24.2 64.2
108 74.5 46.8 86.8



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





#63

Azobenzene

Concen: 37.598 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 245116

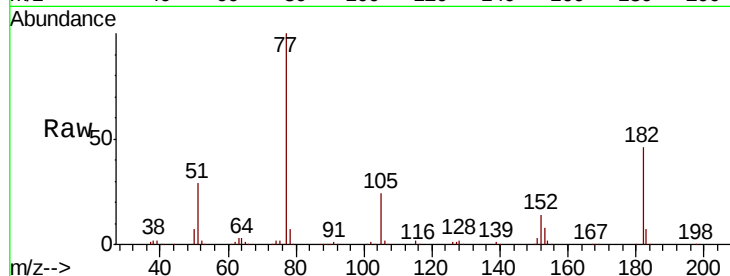
Ion Ratio Lower Upper

77 100

182 45.9 19.9 59.9

105 23.6 2.9 42.9

51 28.9 7.6 47.6

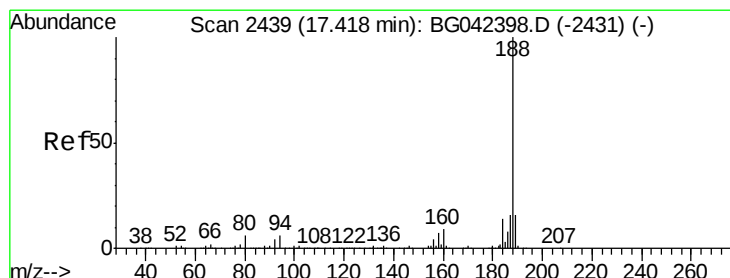
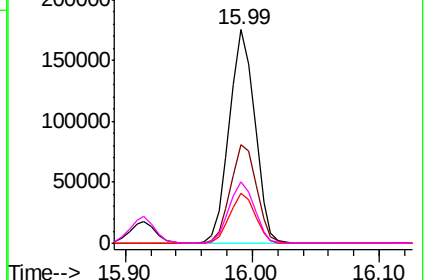
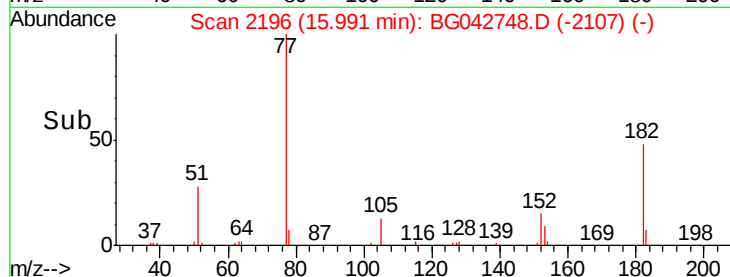


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

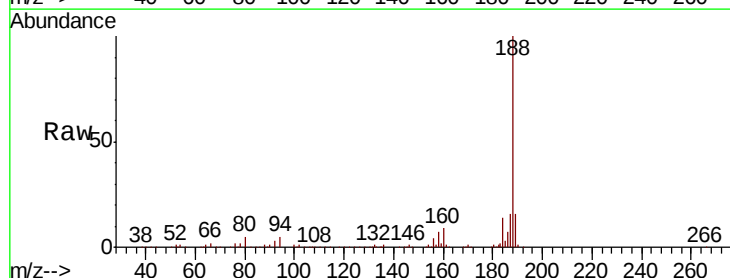
Tgt Ion: 188 Resp: 335330

Ion Ratio Lower Upper

188 100

94 4.6 4.5 6.7

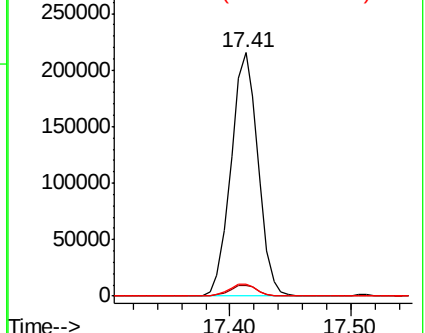
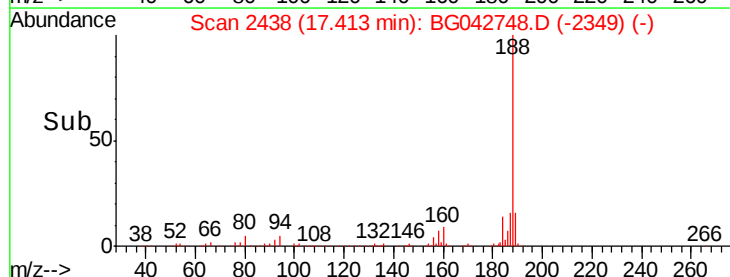
80 4.8 4.9 7.3#

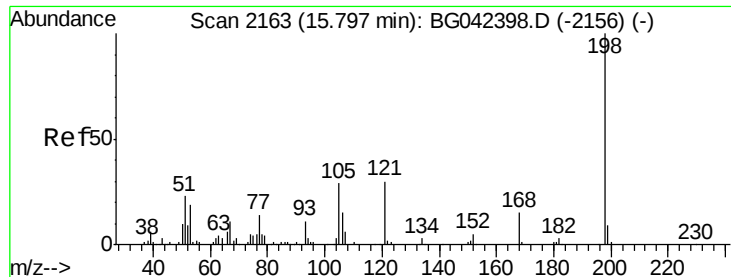


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 39.202 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

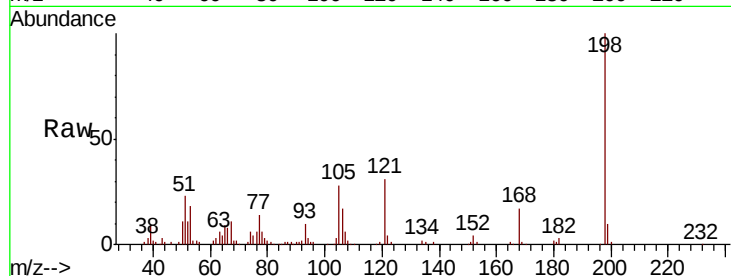
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 82418

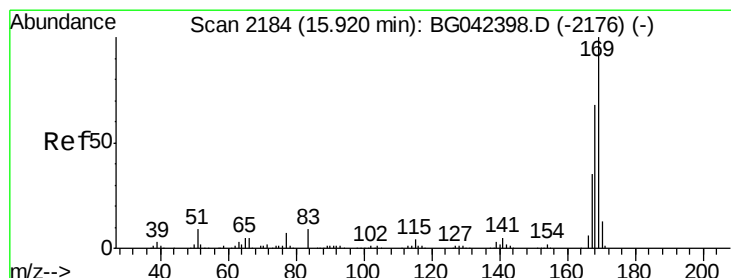
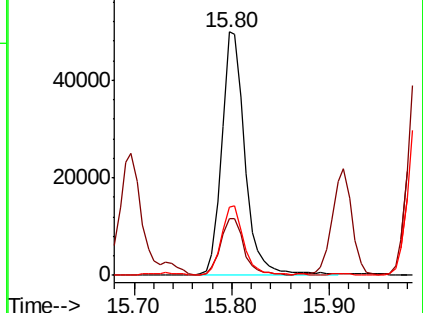
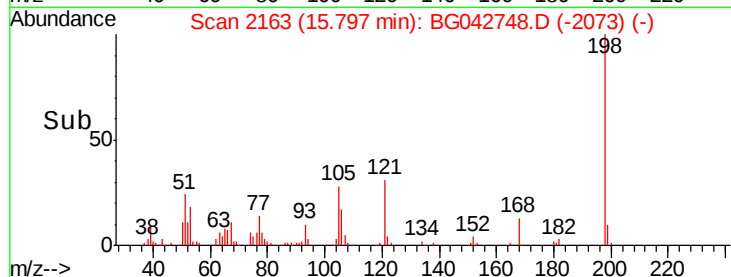
Ion	Ratio	Lower	Upper
198	100		
51	23.4	4.2	44.2
105	27.8	8.8	48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.981 ng

RT: 15.91 min Scan# 2183

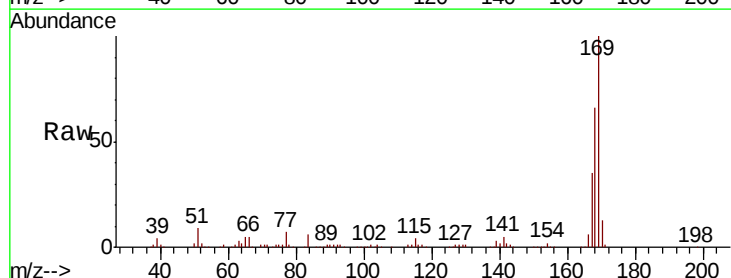
Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Tgt Ion:169 Resp: 359479

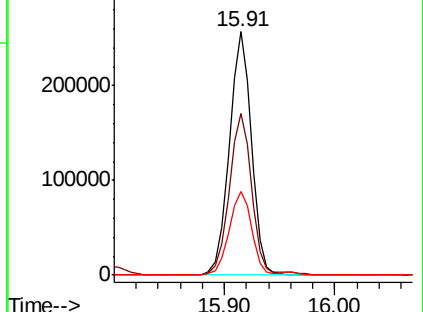
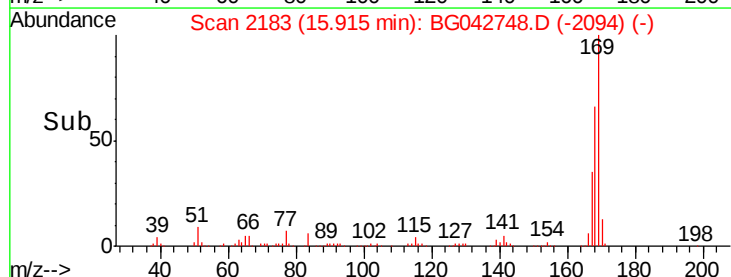
Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.3	81.5
167	34.5	28.2	42.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

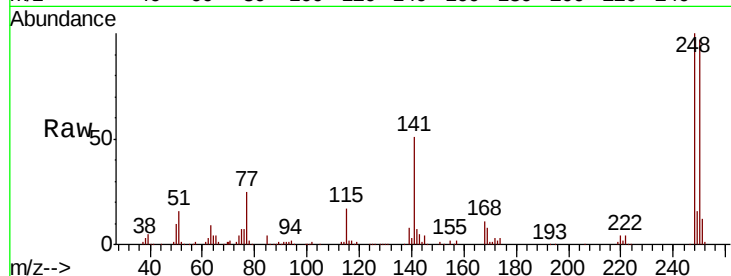




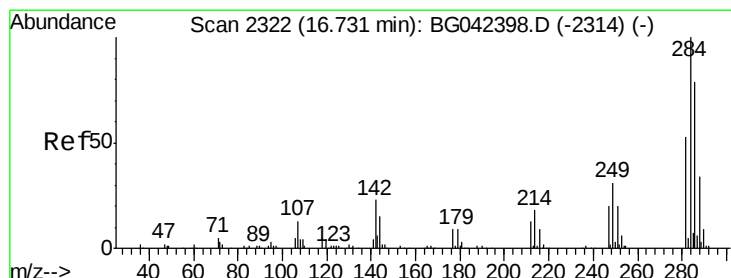
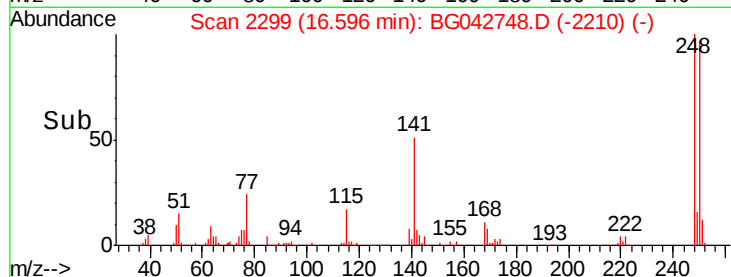
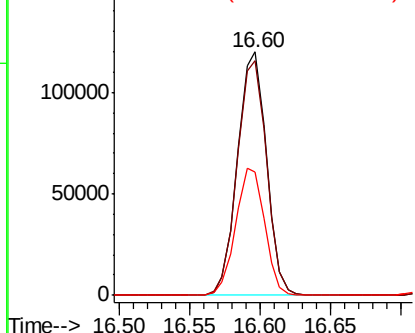
#67
 4-Bromophenyl-phenylether
 Concen: 40.493 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 172235
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.9 118.3
 141 50.8 43.3 64.9

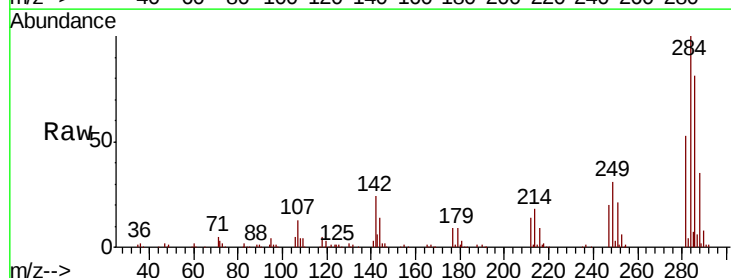


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

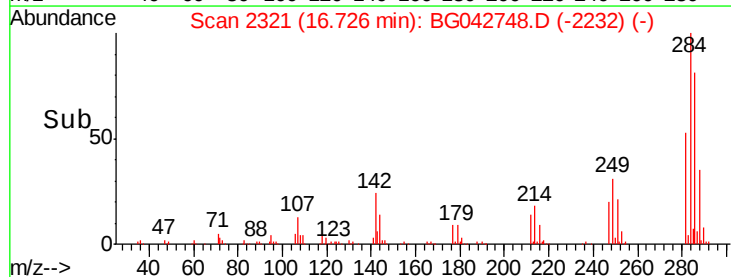
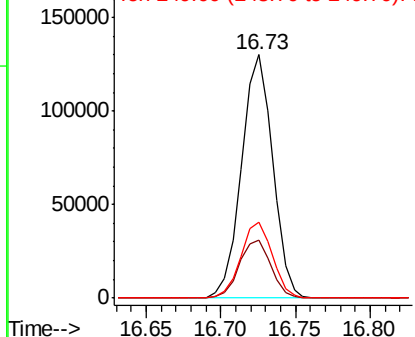


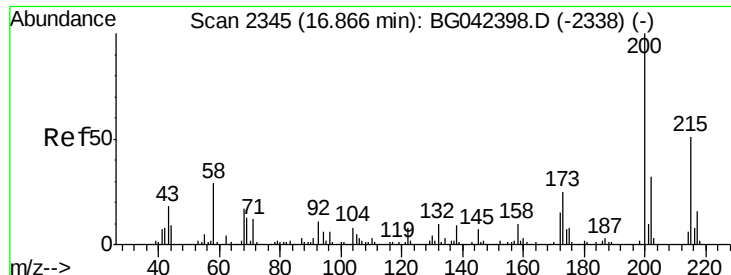
#68
 Hexachlorobenzene
 Concen: 40.688 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Tgt Ion:284 Resp: 188136
 Ion Ratio Lower Upper
 284 100
 142 23.8 18.2 27.4
 249 31.1 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: 36.923 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

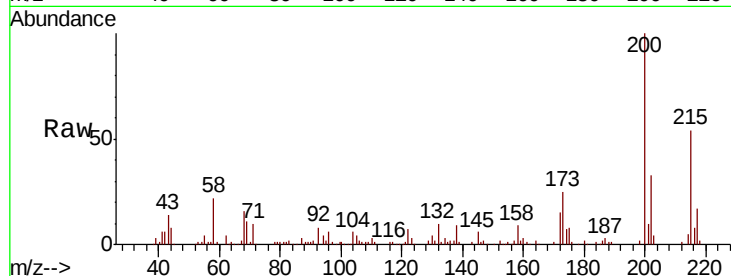
Tot Ion:200 Resp: 120411

Ion Ratio Lower Upper

200 100

173 25.3 4.9 44.9

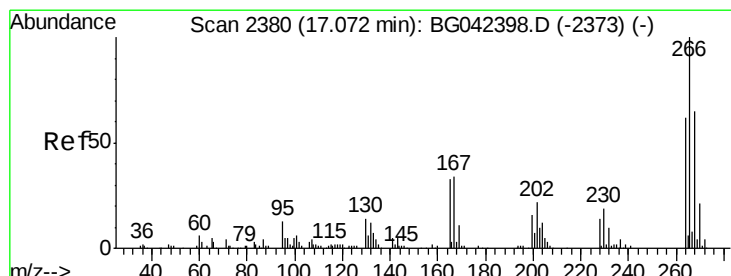
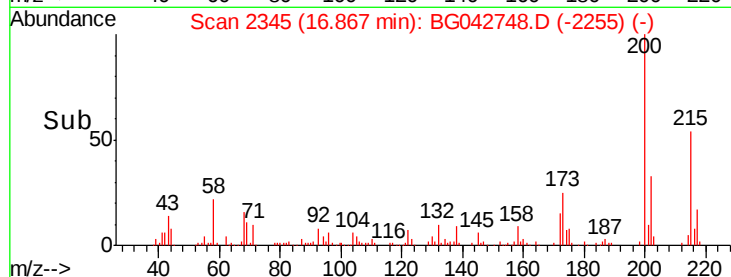
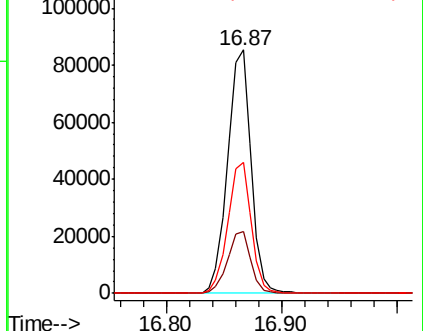
215 53.9 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 33.825 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

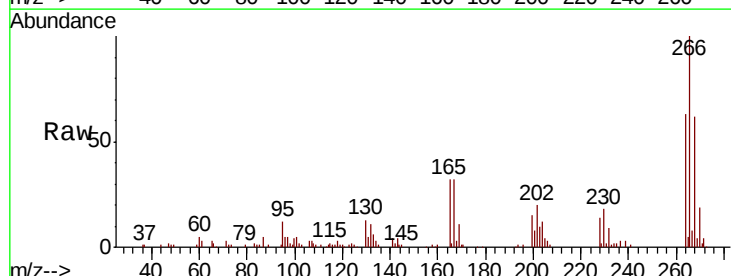
Tgt Ion:266 Resp: 81264

Ion Ratio Lower Upper

266 100

268 62.1 52.1 78.1

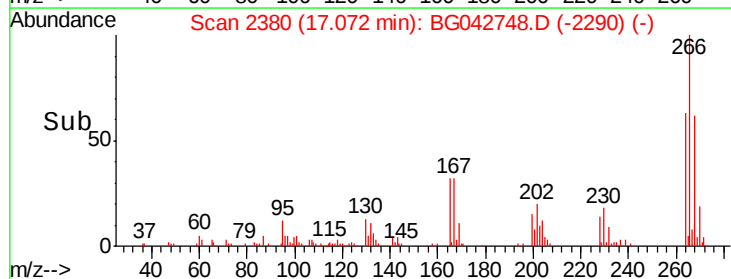
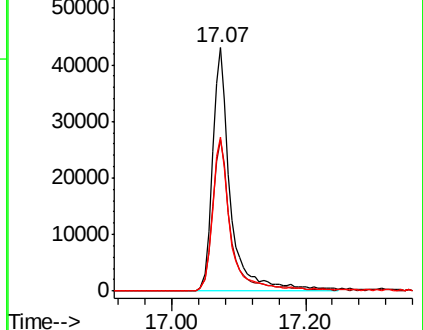
264 63.1 49.4 74.2



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

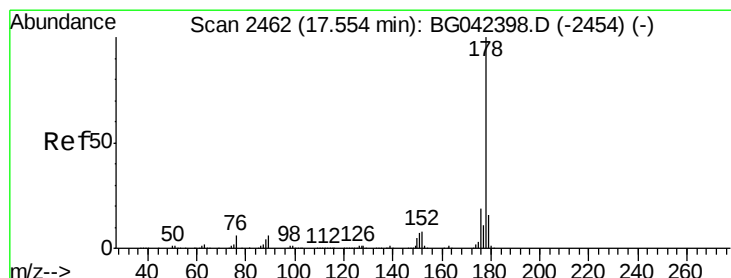
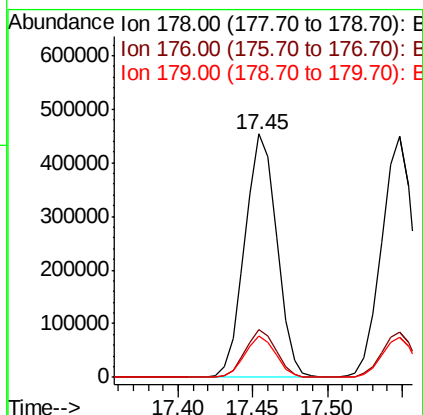
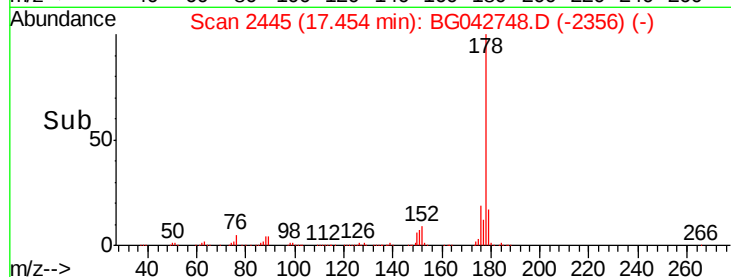
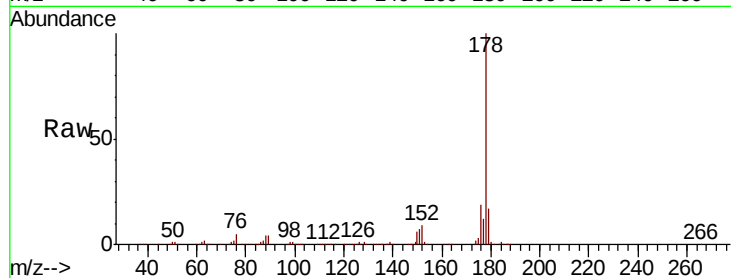




#71
Phenanthrene
Concen: 40.399 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

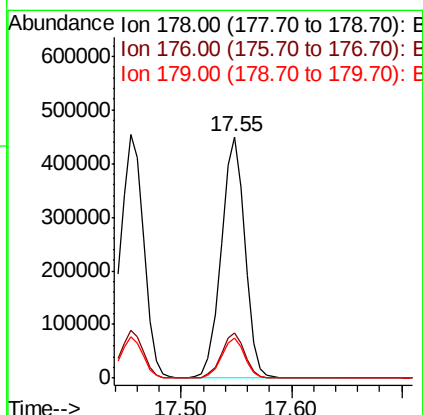
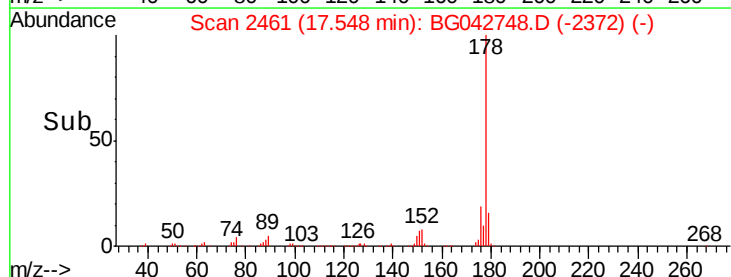
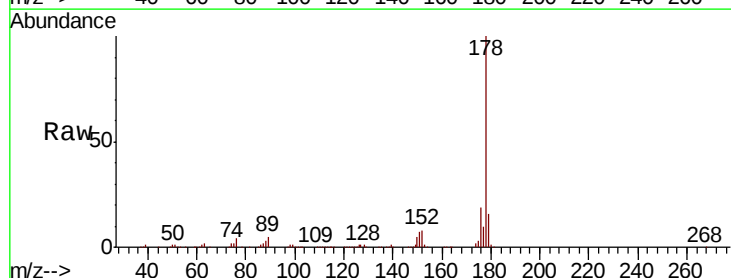
Instrument :
BNA_G
ClientSampleId :

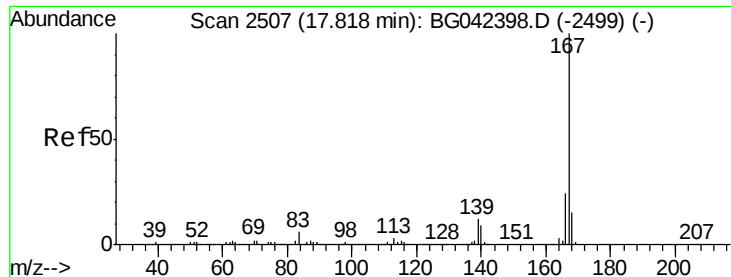
Tot Ion:178 Resp: 672910
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 16.8 12.7 19.1



#72
Anthracene
Concen: 40.425 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion:178 Resp: 672182
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 16.5 12.9 19.3





#73

Carbazole

Concen: 38.889 ng

RT: 17.82 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampled :

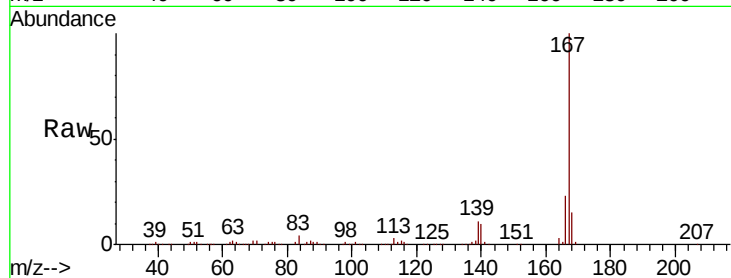
Tot Ion:167 Resp: 576314

Ion Ratio Lower Upper

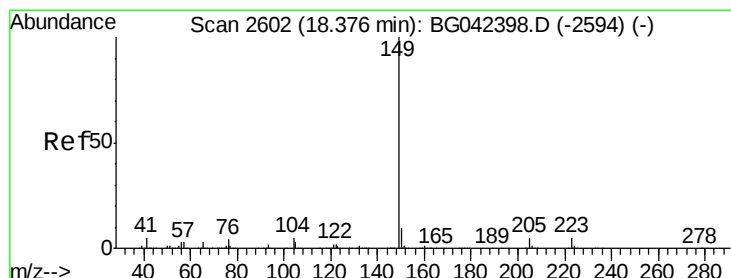
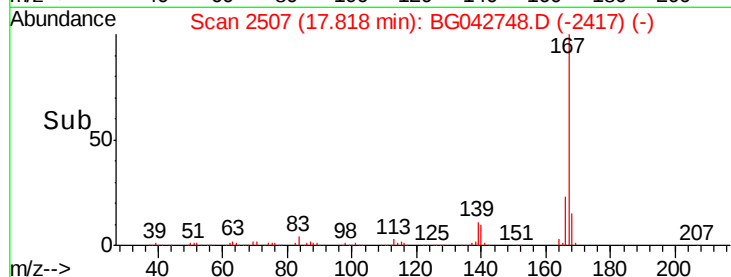
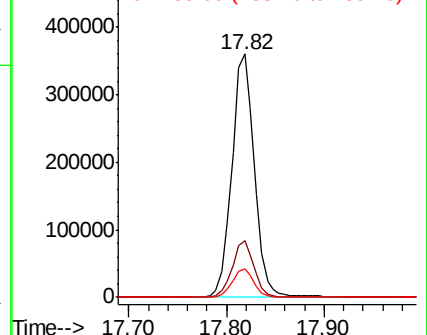
167 100

166 23.2 18.9 28.3

139 11.5 9.8 14.6



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



#74

Di-n-butylphthalate

Concen: 39.181 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

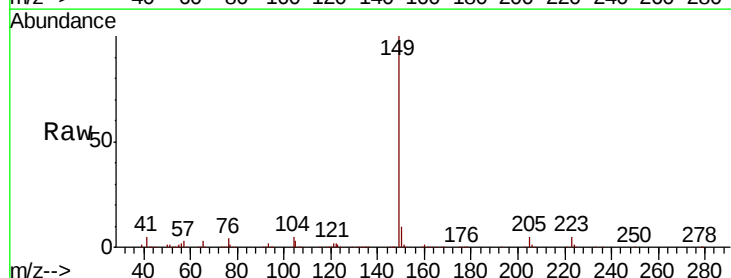
Tgt Ion:149 Resp: 686371

Ion Ratio Lower Upper

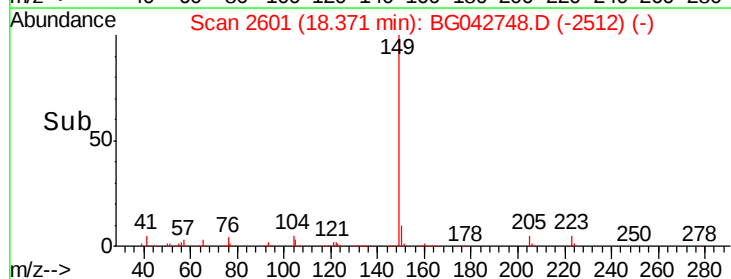
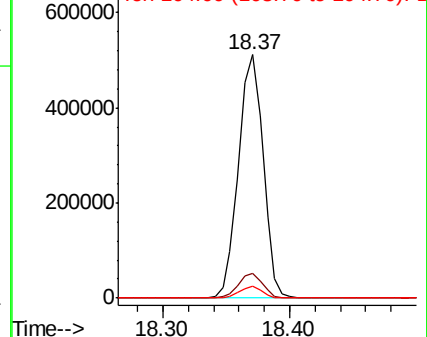
149 100

150 10.1 8.1 12.1

104 4.8 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: 39.568 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

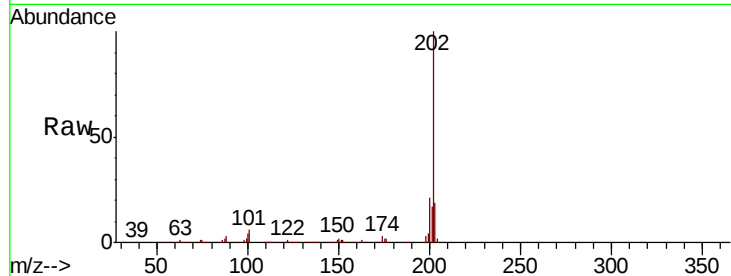
Tot Ion:202 Resp: 804334

Ion Ratio Lower Upper

202 100

101 5.6 0.0 28.3

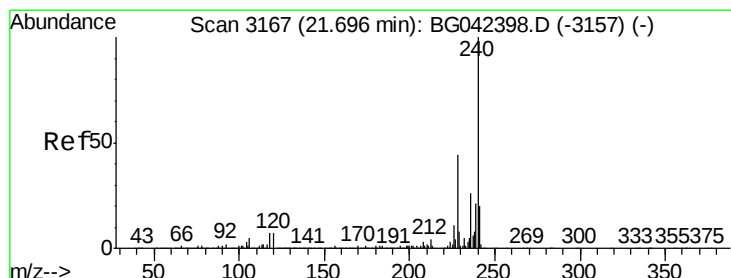
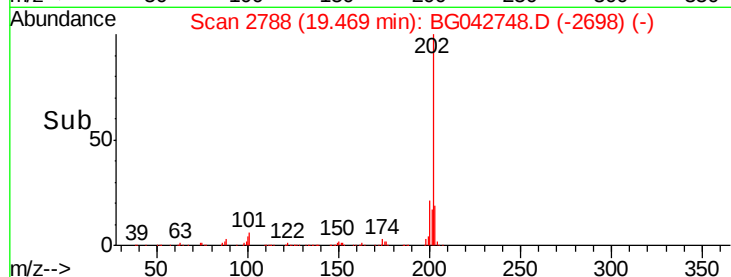
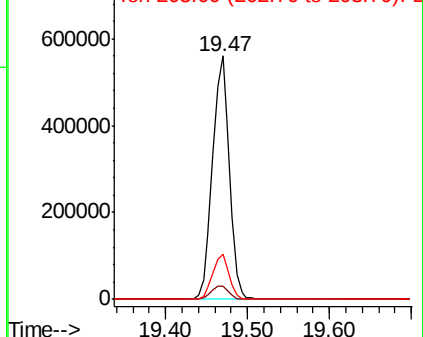
203 18.8 0.0 39.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

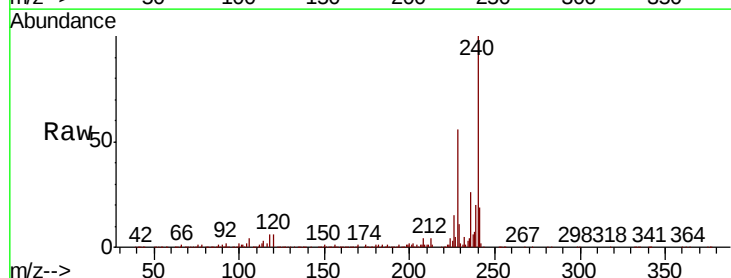
Tgt Ion:240 Resp: 261497

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

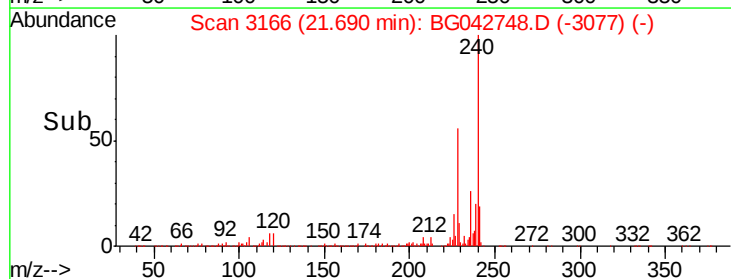
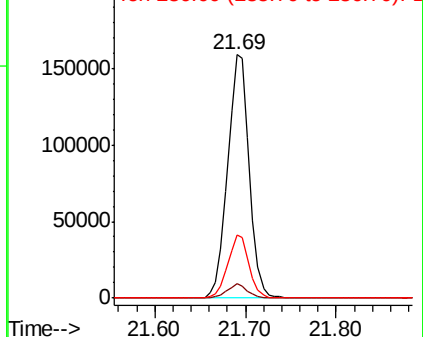
236 26.1 21.0 31.4



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





#77

Benzidine

Concen: 37.112 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

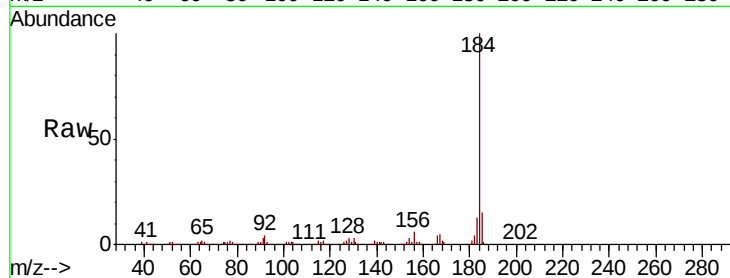
Tot Ion:184 Resp: 278236

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.4

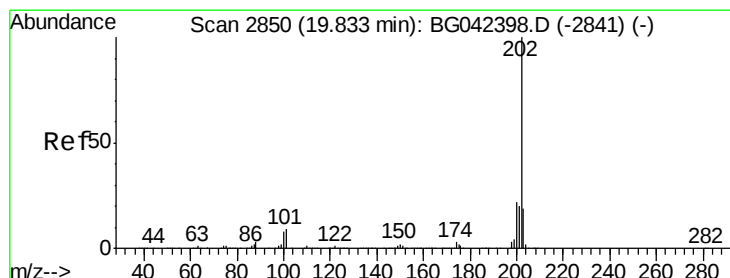
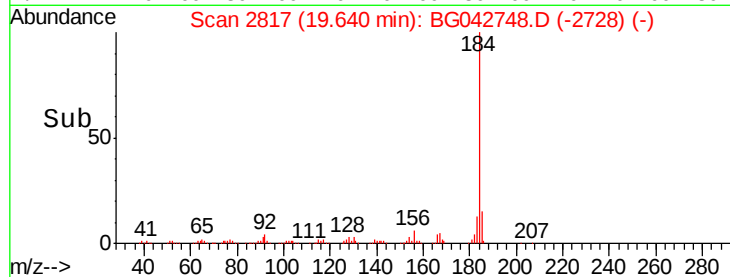
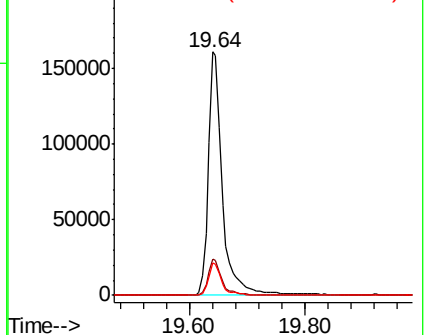
183 13.3 10.8 16.2



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: 49.108 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

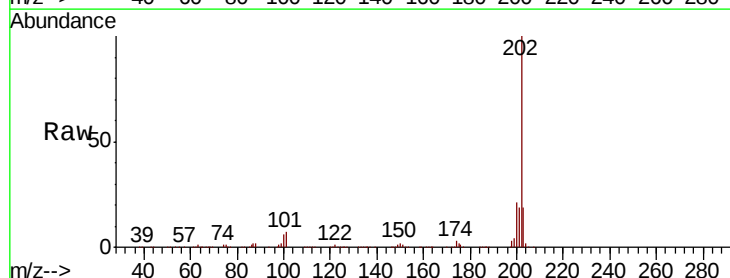
Tgt Ion:202 Resp: 787308

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

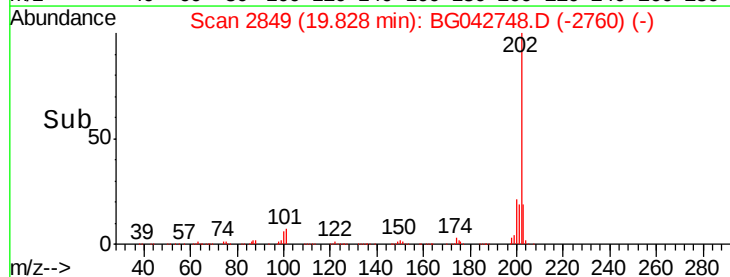
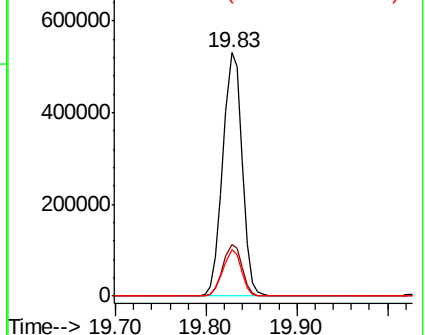
203 19.2 15.5 23.3



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: 95.197 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

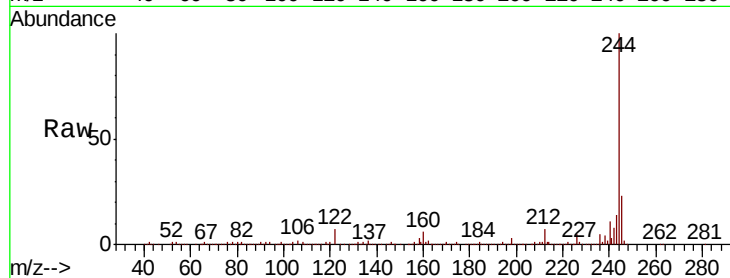
Tot Ion:244 Resp: 1151461

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

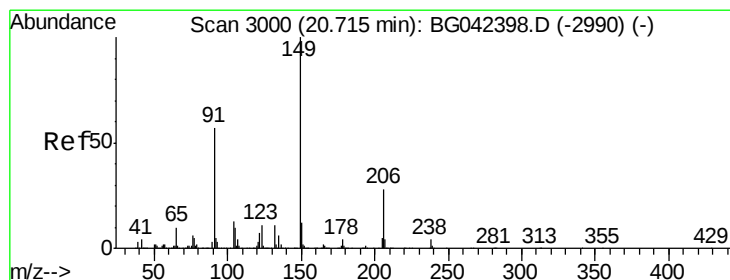
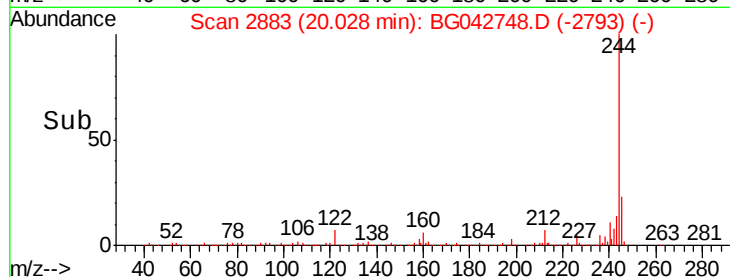
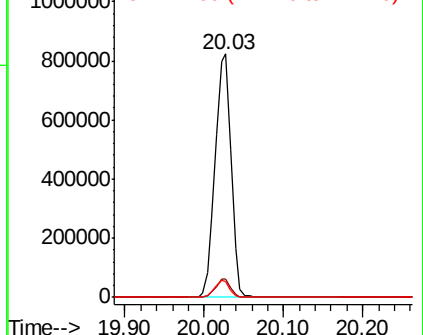
122 6.6 6.7 10.1#



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: 36.983 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

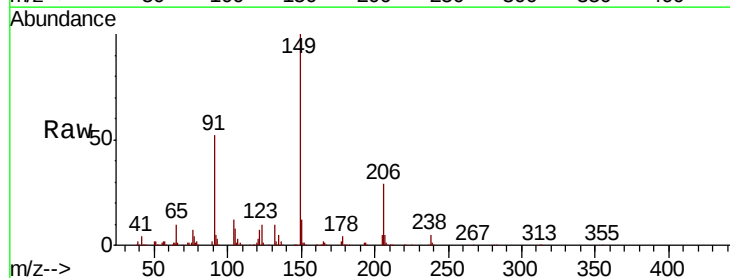
Tgt Ion:149 Resp: 233211

Ion Ratio Lower Upper

149 100

91 52.4 45.9 68.9

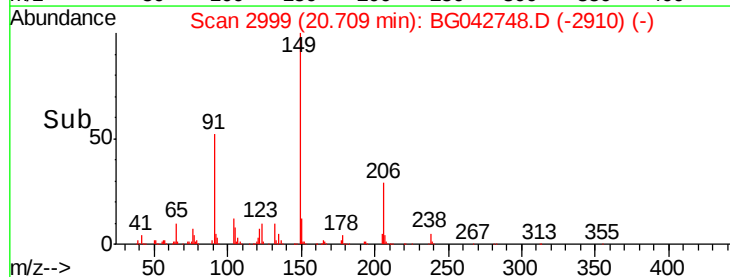
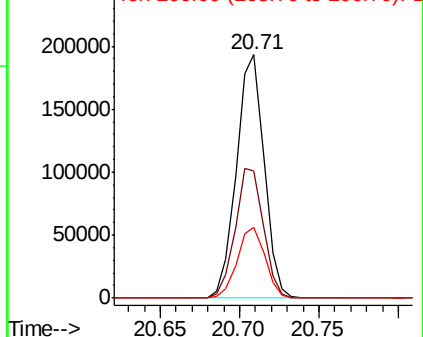
206 29.1 22.5 33.7



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: 41.519 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

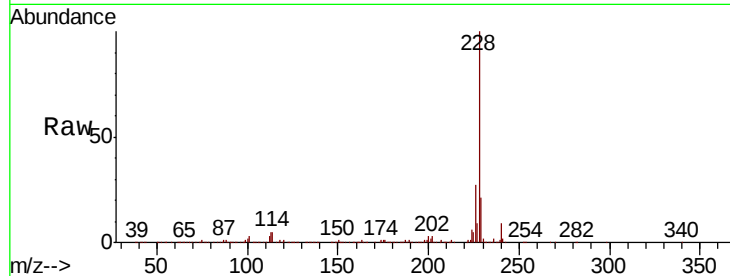
Tot Ion:228 Resp: 660461

Ion Ratio Lower Upper

228 100

226 26.8 23.4 35.2

229 20.9 17.4 26.2

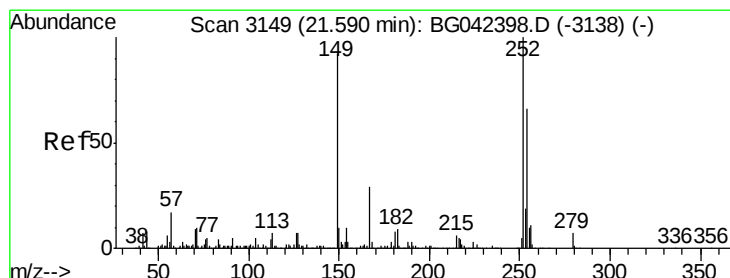
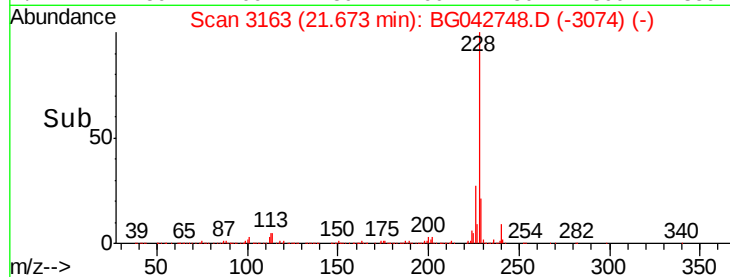
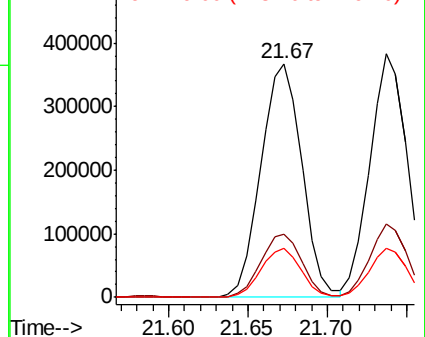


Abundance

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: 39.610 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

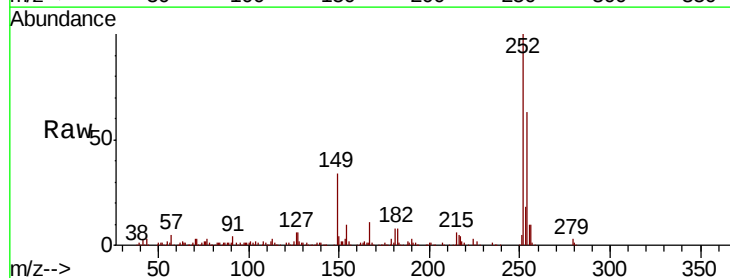
Tgt Ion:252 Resp: 253409

Ion Ratio Lower Upper

252 100

254 63.5 53.0 79.4

126 6.0 5.7 8.5

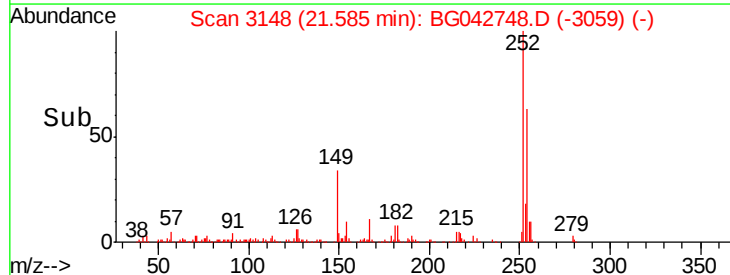
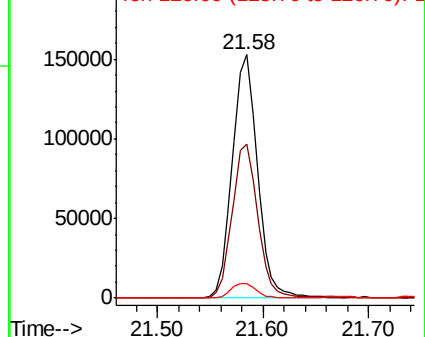


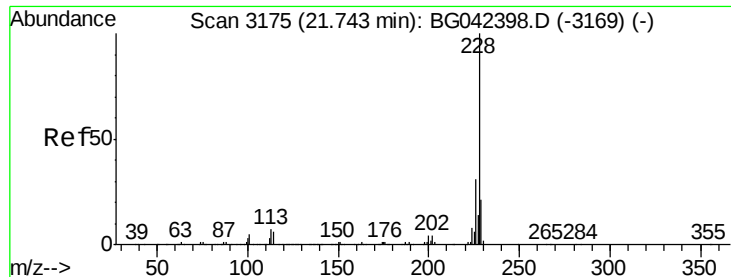
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

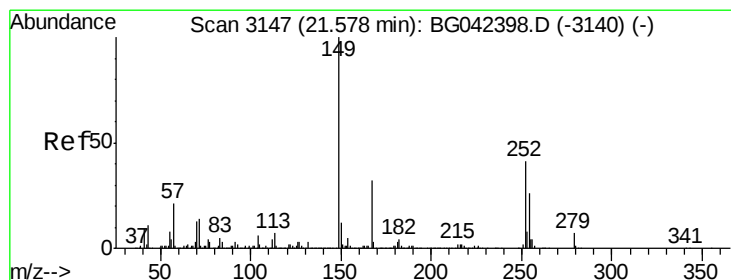
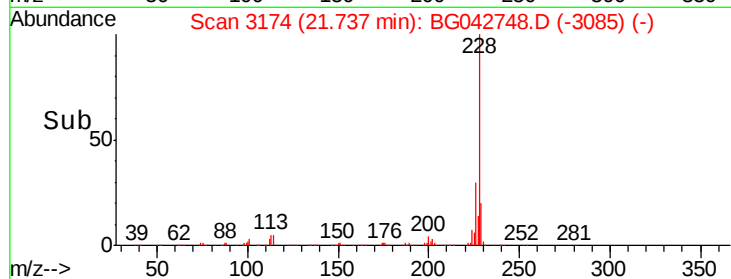
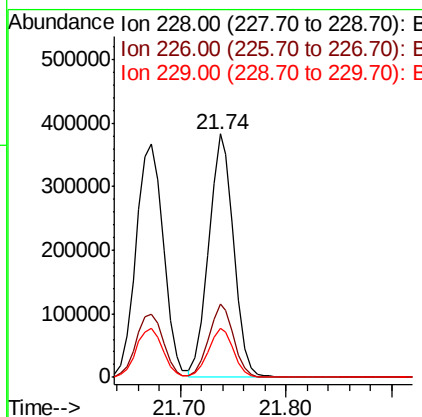
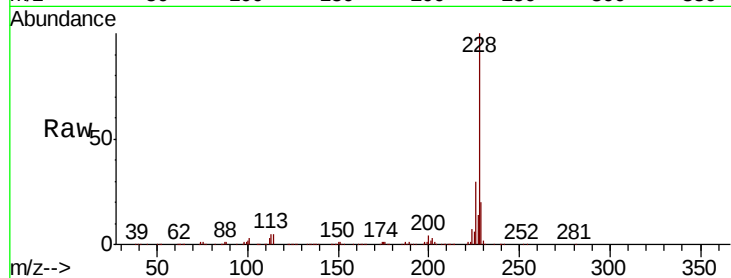




#83
 Chrysene
 Concen: 40.998 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

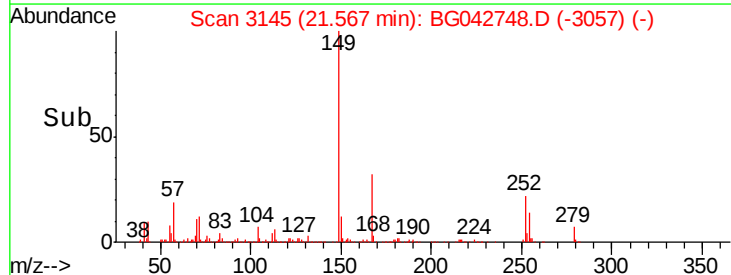
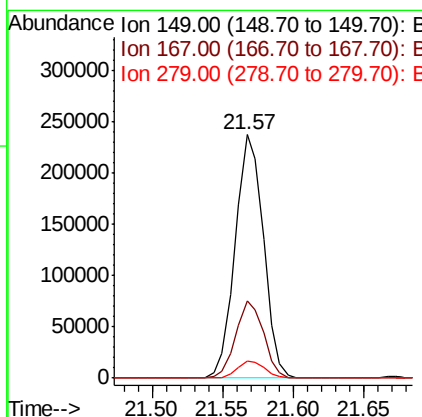
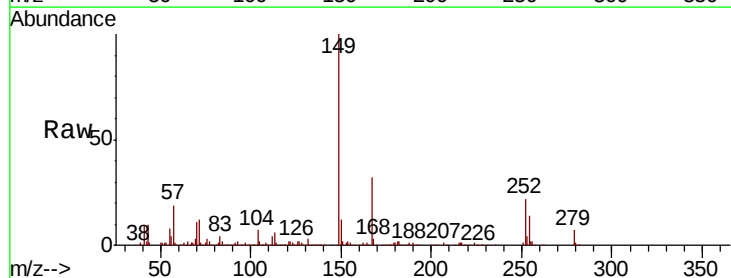
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 628961
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 20.3 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.732 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042748.D
 Acq: 6 Sep 2019 14:47

Tgt Ion:149 Resp: 330353
 Ion Ratio Lower Upper
 149 100
 167 31.9 26.0 39.0
 279 7.0 5.4 8.0





#85

Di-n-octyl phthalate

Concen: 38.889 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042748.D

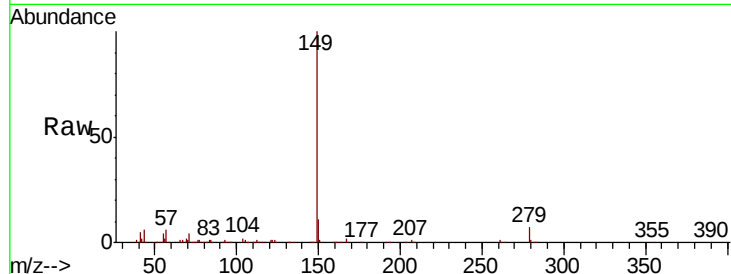
Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

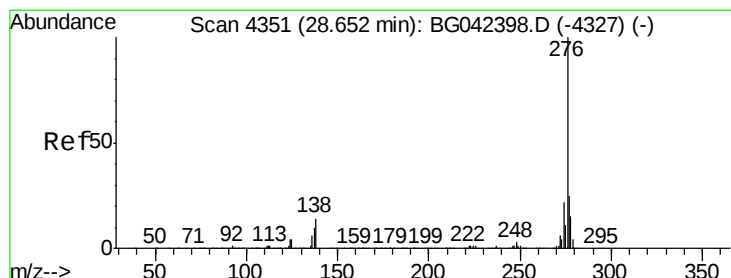
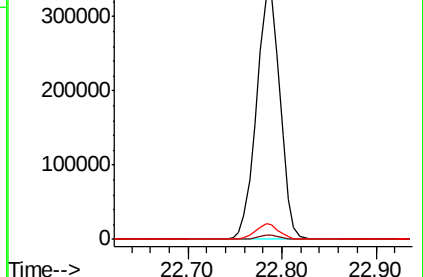
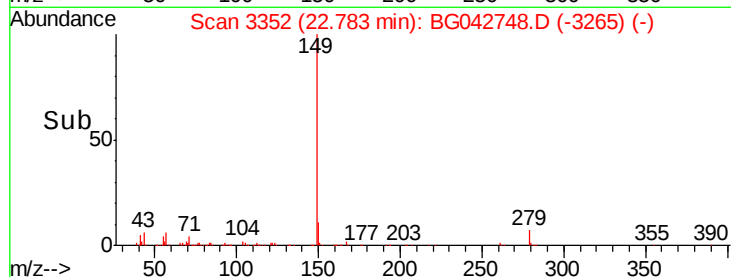
Tot Ion:149	Resp:	585600
Ion Ratio	Lower	Upper
149	100	
167	1.8	1.6 2.4
43	6.2	5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.017 ng

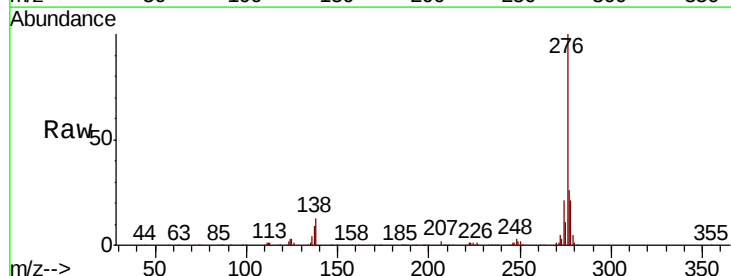
RT: 28.66 min Scan# 4353

Delta R.T. 0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

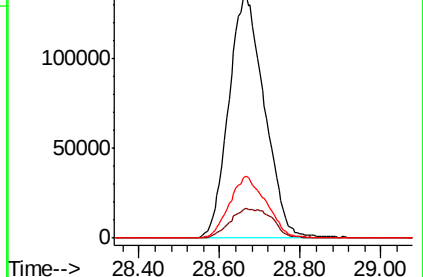
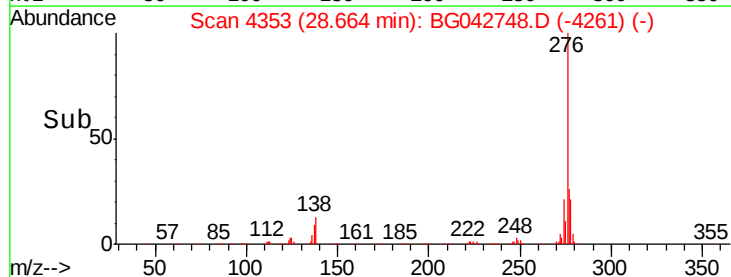
Tgt Ion:276	Resp:	834278
Ion Ratio	Lower	Upper
276	100	
138	14.3	9.2 13.8#
277	26.0	21.0 31.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



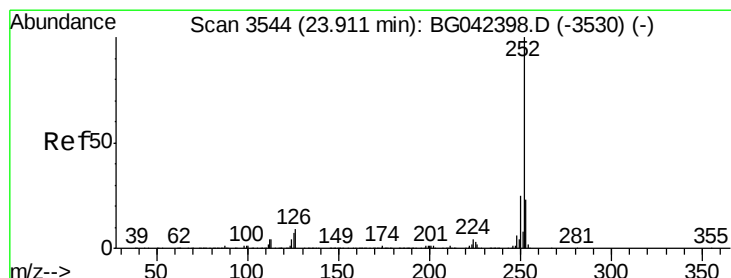
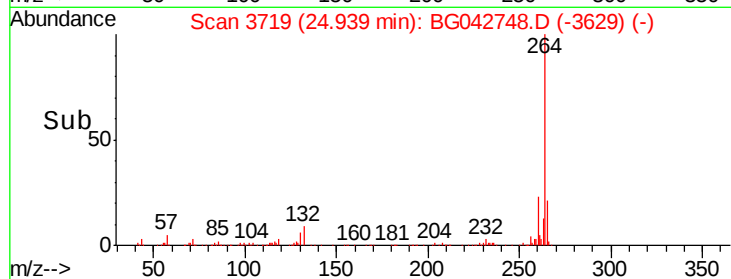
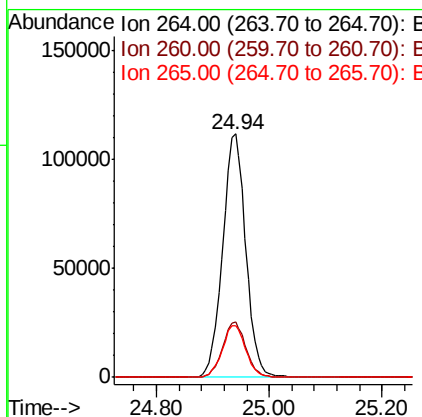
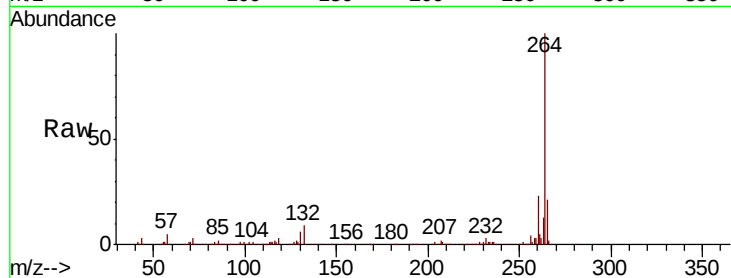


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. 0.00 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 318124

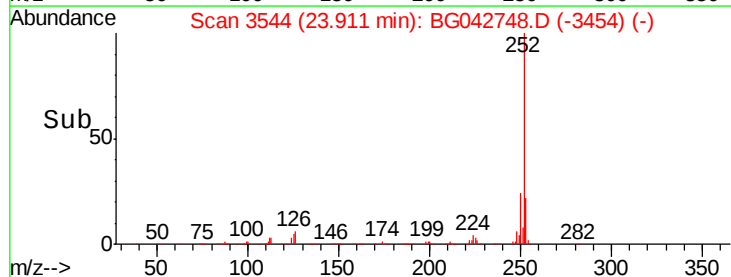
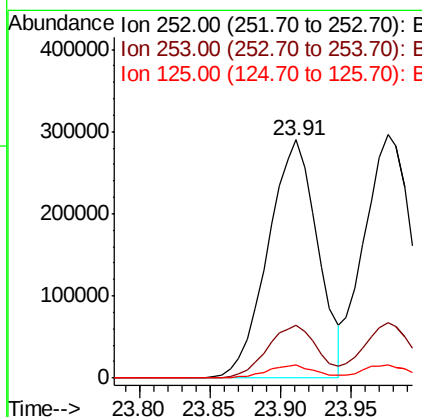
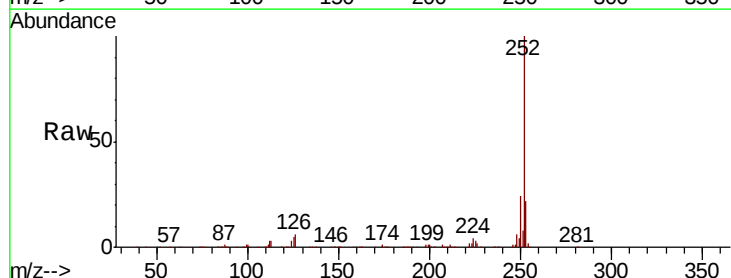
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.3	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 40.834 ng
RT: 23.91 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG042748.D
Acq: 6 Sep 2019 14:47

Tgt Ion:252 Resp: 714152

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	5.4	5.6	8.4#





#89

Benzo(k)fluoranthene

Concen: 41.798 ng

RT: 23.98 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

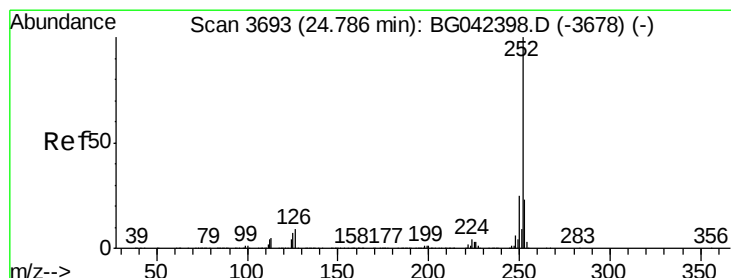
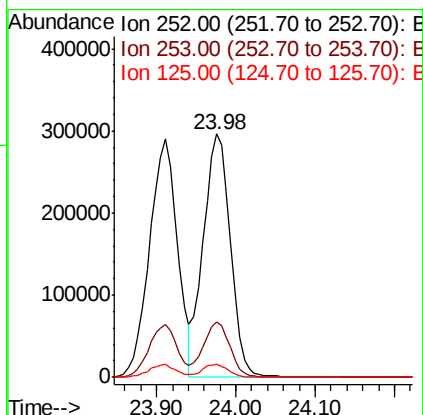
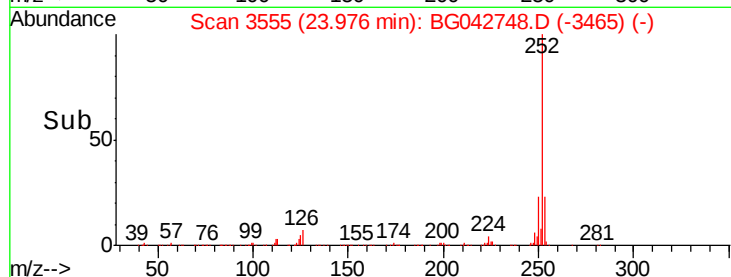
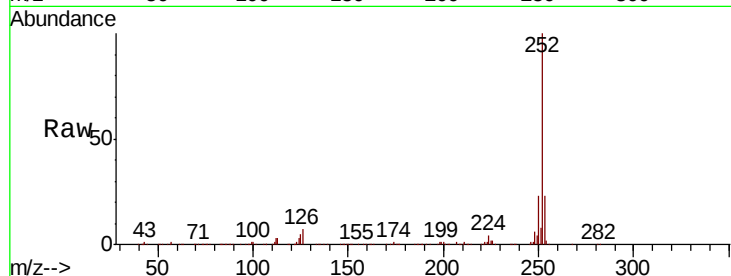
Tot Ion:252 Resp: 702663

Ion Ratio Lower Upper

252 100

253 23.0 18.6 27.8

125 5.4 5.8 8.6#



#90

Benzo(a)pyrene

Concen: 41.299 ng

RT: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

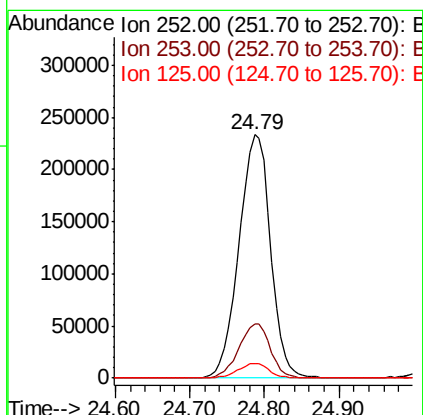
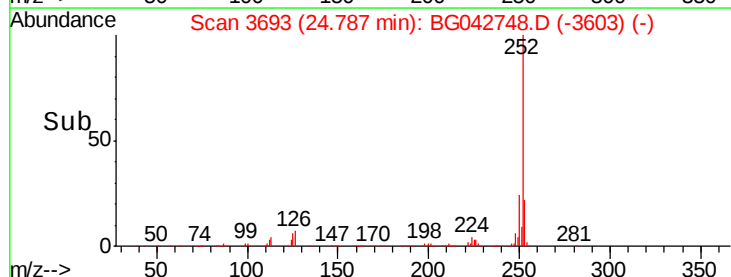
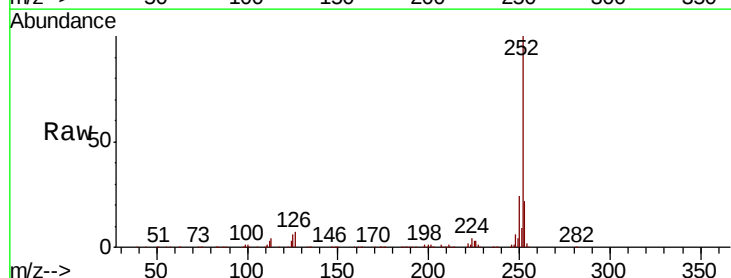
Tgt Ion:252 Resp: 685395

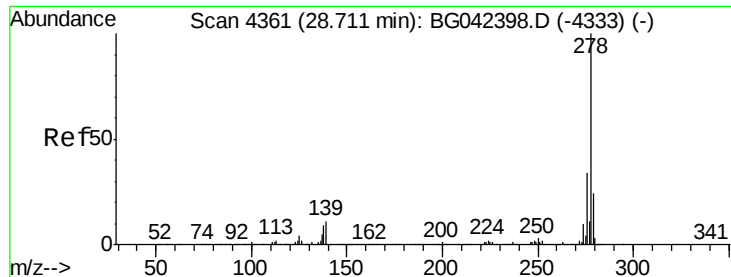
Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

125 6.1 6.0 9.0





#91

Dibenzo(a,h)anthracene

Concen: 40.364 ng

RT: 28.72 min Scan# 4362

Delta R.T. 0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

Instrument :

BNA_G

ClientSampleId :

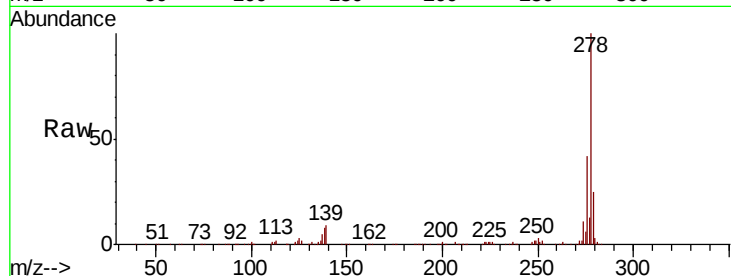
Tot Ion:278 Resp: 678259

Ion Ratio Lower Upper

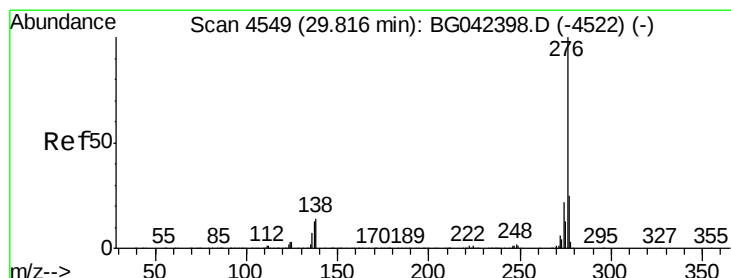
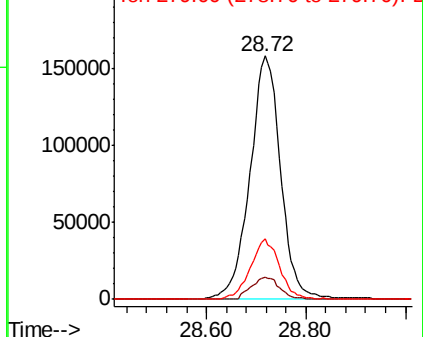
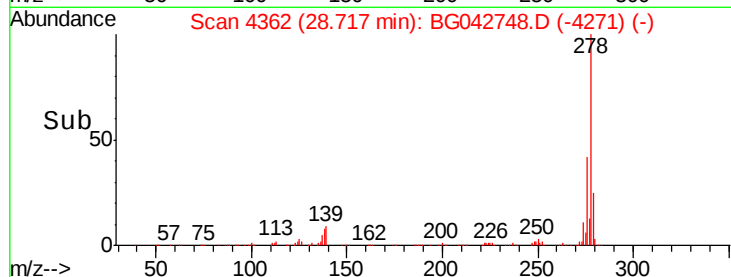
278 100

139 9.1 8.8 13.2

279 24.8 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.320 ng

RT: 29.83 min Scan# 4551

Delta R.T. 0.01 min

Lab File: BG042748.D

Acq: 6 Sep 2019 14:47

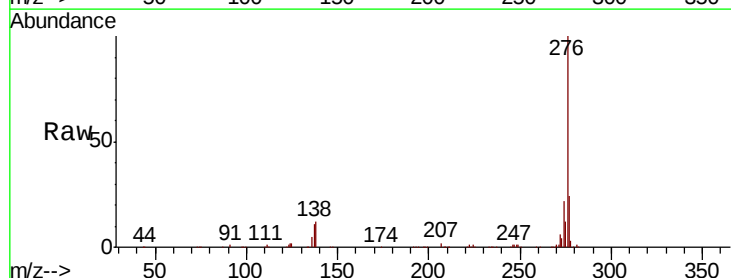
Tgt Ion:276 Resp: 677607

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 11.8 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

