

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042633.D
 Acq On : 31 Aug 2019 13:56
 Operator : HP/JU
 Sample : K4562-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 18:12:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	38376	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	140272	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	101206	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	237885	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	255114	20.00	ng	-0.01
87) Perylene-d12	24.92	264	307927	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	257492	135.89	ng	0.00
7) Phenol-d6	7.16	99	341878	133.57	ng	0.00
23) Nitrobenzene-d5	9.17	82	189920	93.56	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	215069	149.51	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	532341	88.96	ng	0.00
79) Terphenyl-d14	20.02	244	961055	81.44	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	24996	31.610	ng	97
3) Pyridine	3.82	79	60496	29.835	ng	100
4) n-Nitrosodimethylamine	3.73	42	32383	44.715	ng	89
6) Aniline	7.31	93	104839	30.710	ng	99
8) 2-Chlorophenol	7.56	128	105731	46.042	ng	100
9) Benzaldehyde	7.12	77	59816	46.680	ng	98
10) Phenol	7.19	94	126383	48.565	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	81753	40.001	ng	99
12) 1,3-Dichlorobenzene	7.89	146	119740	40.988	ng	99
13) 1,4-Dichlorobenzene	8.03	146	122612	41.436	ng	97
14) 1,2-Dichlorobenzene	8.35	146	118920	41.965	ng	98
15) Benzyl Alcohol	8.23	79	82334	44.712	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	106796	38.553	ng	98
17) 2-Methylphenol	8.45	107	86964	45.370	ng	95
18) Hexachloroethane	9.09	117	41479	40.946	ng	93
19) n-Nitroso-di-n-propylamine	8.80	70	66892	40.340	ng	94
20) 3+4-Methylphenols	8.78	107	115210	43.437	ng	99
22) Acetophenone	8.82	105	147455	49.149	ng	99
24) Nitrobenzene	9.20	77	98182	47.765	ng	99
25) Isophorone	9.73	82	186212	46.483	ng	98
26) 2-Nitrophenol	9.93	139	65320	50.709	ng	97
27) 2,4-Dimethylphenol	9.99	122	100371	56.566	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	115882	45.896	ng	99
29) 2,4-Dichlorophenol	10.47	162	122943	52.957	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	141547	49.674	ng	94
31) Naphthalene	10.87	128	317346	48.729	ng	99
32) Benzoic acid	10.16	122	47475	38.761	ng	97
33) 4-Chloroaniline	10.98	127	61375	20.415	ng	97
34) Hexachlorobutadiene	11.15	225	95855	50.053	ng	97
35) Caprolactam	11.76	113	19885	25.670	ng	92
36) 4-Chloro-3-methylphenol	12.11	107	110190	49.999	ng	99
37) 2-Methylnaphthalene	12.48	142	257233	49.191	ng	99
38) 1-Methylnaphthalene	12.70	142	240930	48.505	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	176331	54.254	ng	99

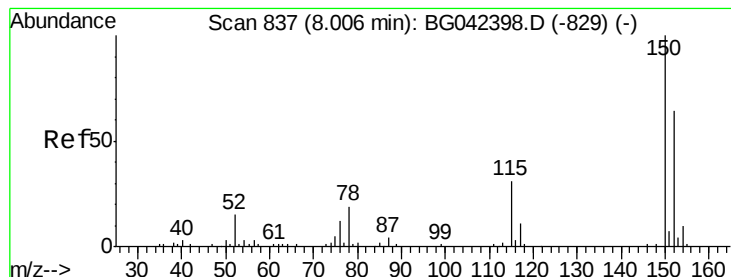
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
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 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	181462	106.290	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	114190	51.979	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	122565	53.838	ng	98
46) 1,1'-Biphenyl	13.49	154	338411	51.729	ng	99
47) 2-Chloronaphthalene	13.53	162	279193	49.494	ng	100
48) 2-Nitroaniline	13.73	65	61433	45.162	ng	95
49) Acenaphthylene	14.38	152	434468	51.194	ng	99
50) Dimethylphthalate	14.11	163	463638	63.491	ng	100
51) 2,6-Dinitrotoluene	14.23	165	85564	50.551	ng	95
52) Acenaphthene	14.72	154	254509	49.388	ng	99
53) 3-Nitroaniline	14.56	138	45937	27.137	ng	97
54) 2,4-Dinitrophenol	14.78	184	101944	88.615	ng	97
55) Dibenzofuran	15.06	168	440955	51.694	ng	99
56) 4-Nitrophenol	14.89	139	121914	101.353	ng	95
57) 2,4-Dinitrotoluene	15.03	165	122088	50.370	ng	99
58) Fluorene	15.71	166	357205	51.228	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	113196	50.279	ng	99
60) Diethylphthalate	15.47	149	347895	48.735	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	212959	50.664	ng	98
62) 4-Nitroaniline	15.73	138	87319	48.197	ng	95
63) Azobenzene	15.99	77	235563	48.158	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	81909	54.920	ng	97
66) n-Nitrosodiphenylamine	15.91	169	331008	50.597	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	150357	49.830	ng	98
68) Hexachlorobenzene	16.72	284	160420	48.906	ng	97
69) Atrazine	16.86	200	126512	54.685	ng	98
70) Pentachlorophenol	17.06	266	180586	105.958	ng	98
71) Phenanthrene	17.45	178	607535	51.416	ng	99
72) Anthracene	17.54	178	622627	52.783	ng	100
73) Carbazole	17.81	167	546884	52.019	ng	99
74) Di-n-butylphthalate	18.36	149	628760	50.594	ng	100
75) Fluoranthene	19.46	202	802136	55.624	ng	98
77) Benzidine	19.64	184	455848	62.323	ng	98
78) Pyrene	19.83	202	807846	51.650	ng	99
80) Butylbenzylphthalate	20.70	149	294088	47.804	ng	99
81) Benzo(a)anthracene	21.67	228	795594	51.266	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	214621	34.386	ng	96
83) Chrysene	21.73	228	772958	51.645	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	419403	49.101	ng	98
85) Di-n-octyl phthalate	22.78	149	727400	49.514	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1024484	50.369	ng	98
88) Benzo(b)fluoranthene	23.90	252	863198	50.990	ng	99
89) Benzo(k)fluoranthene	23.90	252	863198	53.048	ng	99
90) Benzo(a)pyrene	24.77	252	863132	53.731	ng	99
91) Dibenzo(a,h)anthracene	28.69	278	849709	52.242	ng	97
92) Benzo(g,h,i)perylene	29.80	276	863822	53.102	ng	98

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

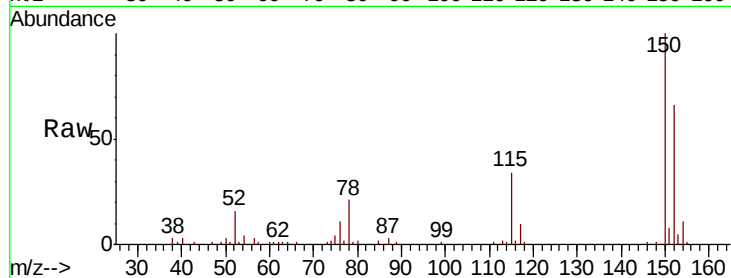


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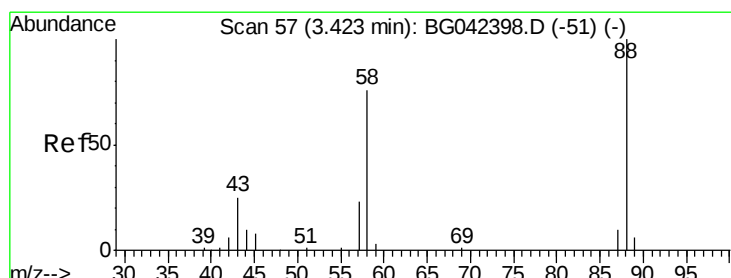
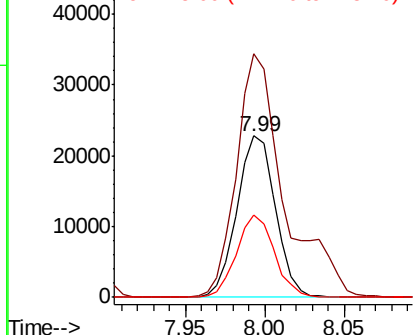
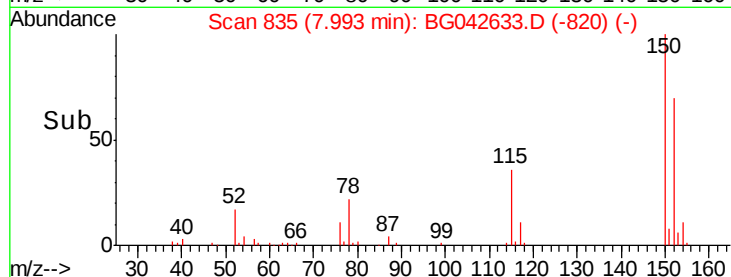
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38376
Ion Ratio Lower Upper
152 100
150 150.6 125.4 188.0
115 50.9 38.5 57.7



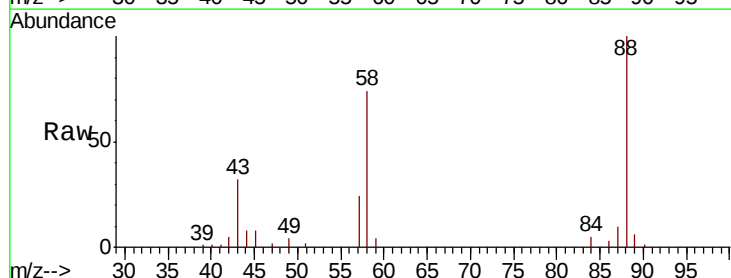
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



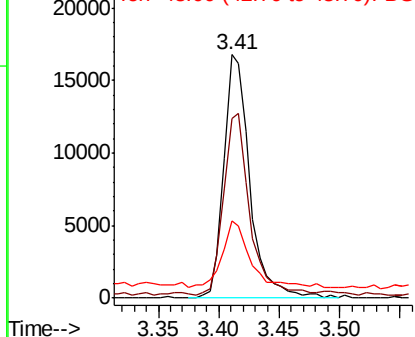
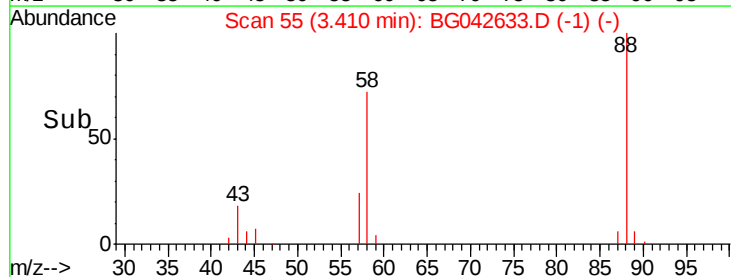
#2

1,4-Dioxane
Concen: 31.610 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Tgt Ion: 88 Resp: 24996
Ion Ratio Lower Upper
88 100
58 74.0 58.3 87.5
43 29.3 20.2 30.2



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





#3

Pvridine

Concen: 29.835 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampleId :

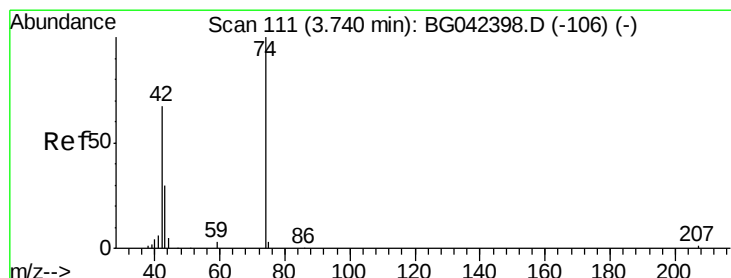
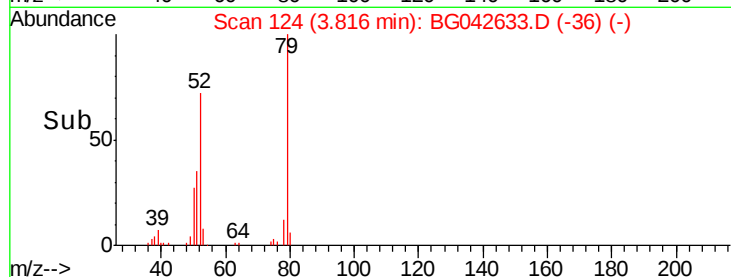
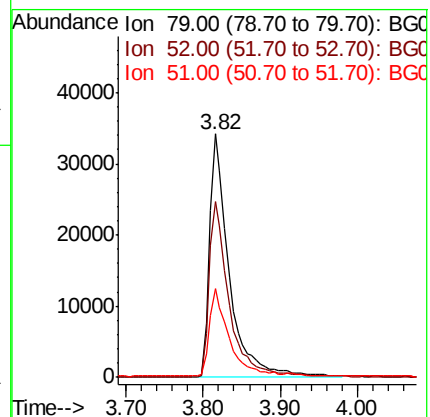
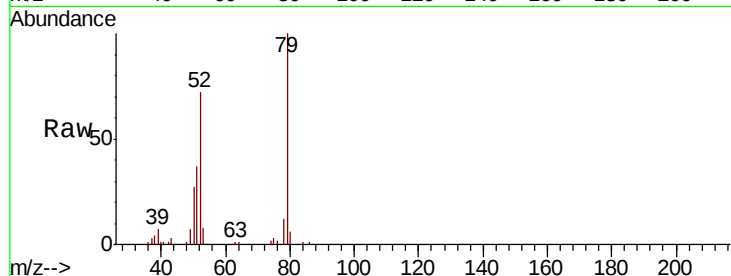
Tot Ion: 79 Resp: 60496

Ion Ratio Lower Upper

79 100

52 72.3 57.7 86.5

51 36.5 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 44.715 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

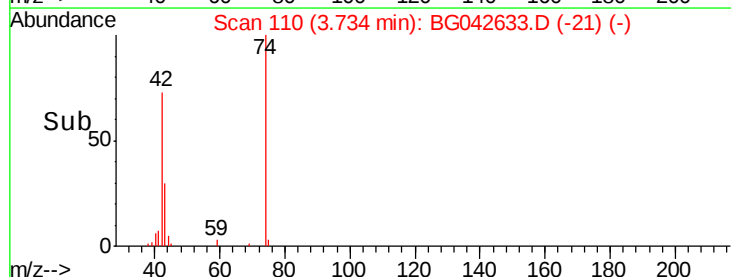
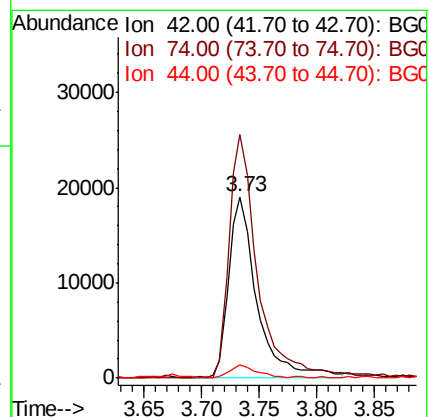
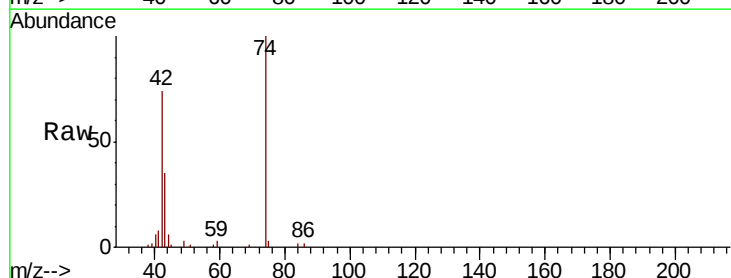
Tgt Ion: 42 Resp: 32383

Ion Ratio Lower Upper

42 100

74 134.6 119.6 179.4

44 7.5 6.5 9.7





#5

2-Fluorophenol

Concen: 135.891 ng

RT: 5.55 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampled :

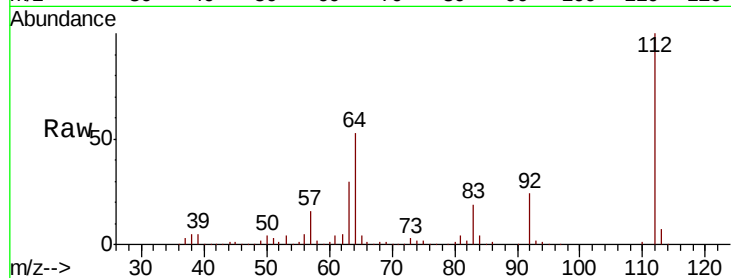
Tot Ion:112 Resp: 257492

Ion Ratio Lower Upper

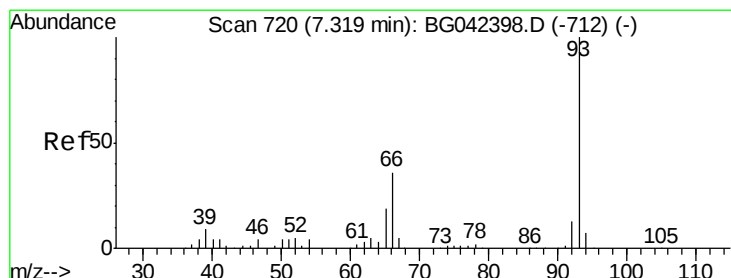
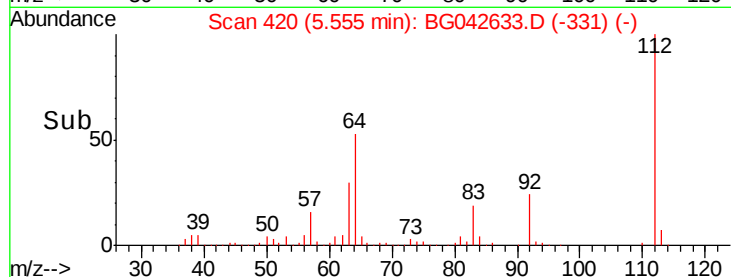
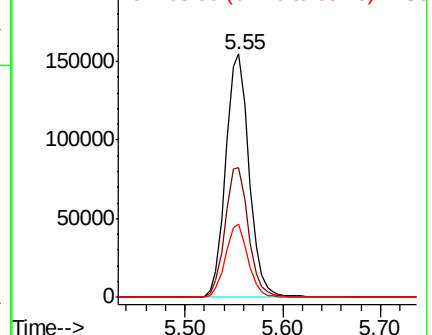
112 100

64 53.1 42.8 64.2

63 29.9 22.7 34.1



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



#6

Aniline

Concen: 30.710 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

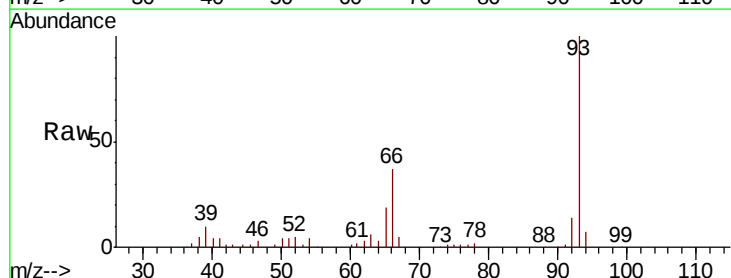
Tgt Ion: 93 Resp: 104839

Ion Ratio Lower Upper

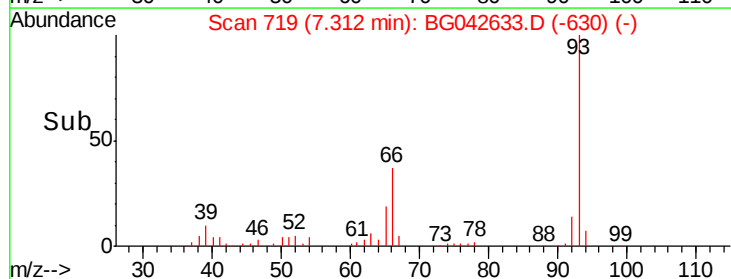
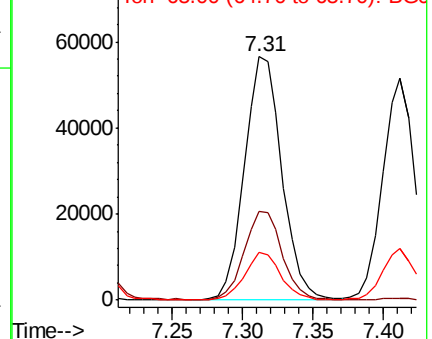
93 100

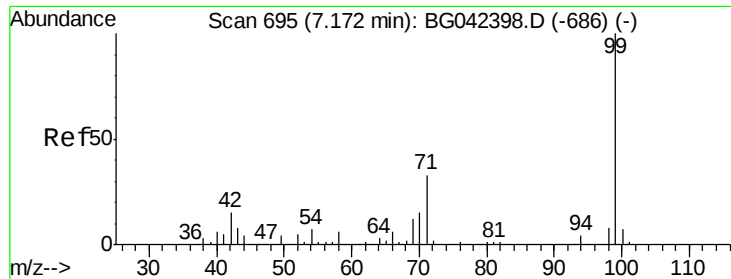
66 36.6 29.0 43.6

65 19.4 15.2 22.8



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





#7

Phenol-d6

Concen: 133.572 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampled :

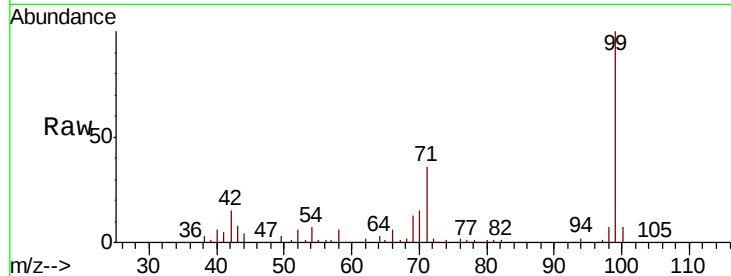
Tot Ion: 99 Resp: 341878

Ion Ratio Lower Upper

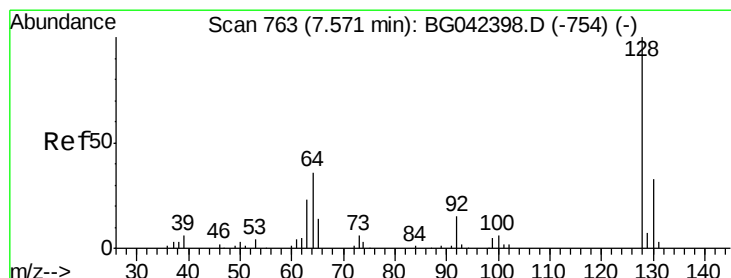
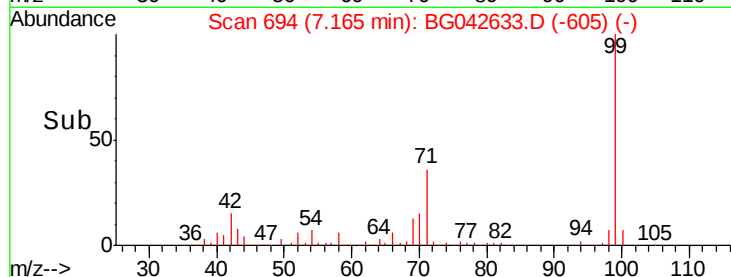
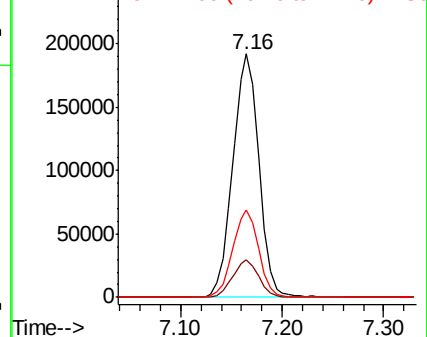
99 100

42 15.4 12.0 18.0

71 36.2 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.042 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

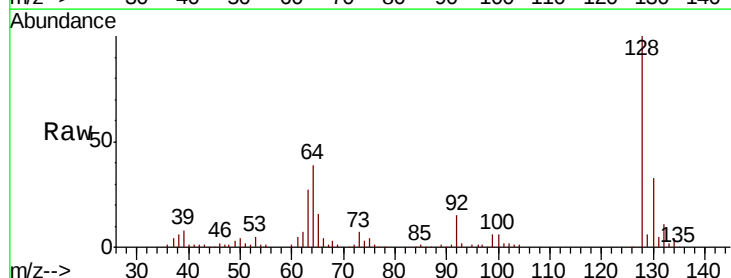
Tgt Ion: 128 Resp: 105731

Ion Ratio Lower Upper

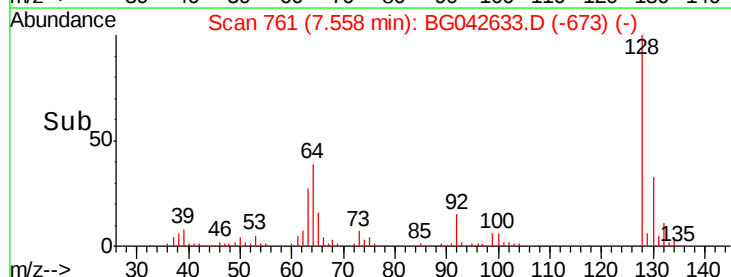
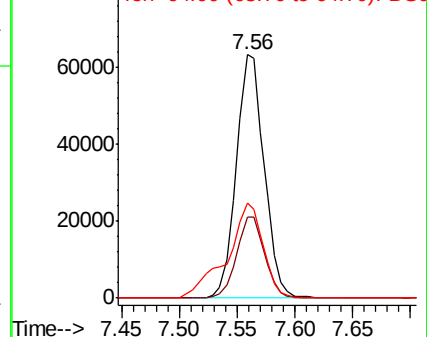
128 100

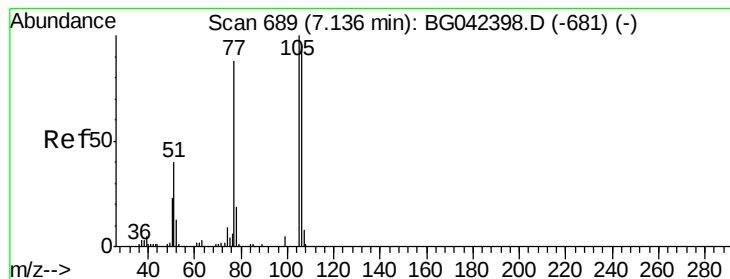
130 33.3 12.8 52.8

64 39.3 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: 46.680 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampled :

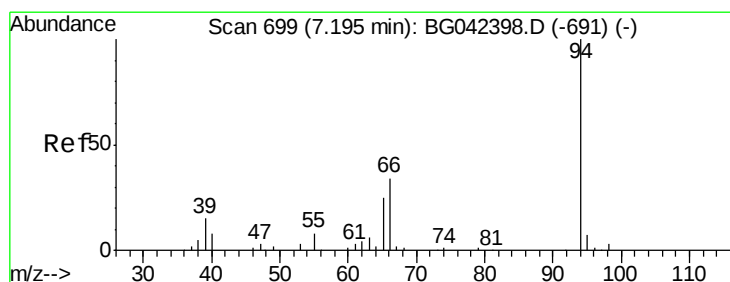
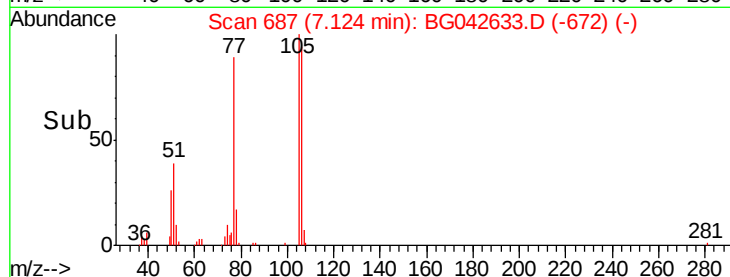
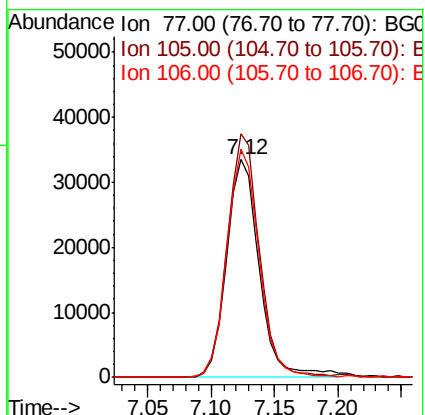
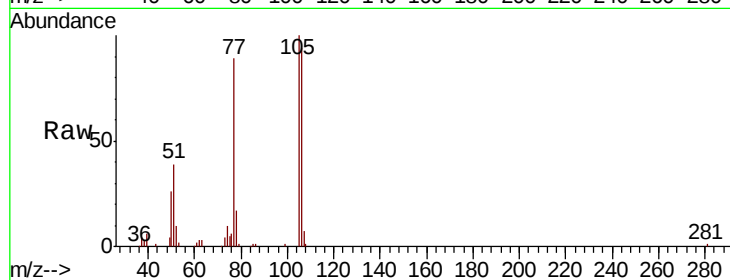
Tot Ion: 77 Resp: 59816

Ion Ratio Lower Upper

77 100

105 112.0 93.4 133.4

106 104.9 88.4 128.4



#10

Phenol

Concen: 48.565 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

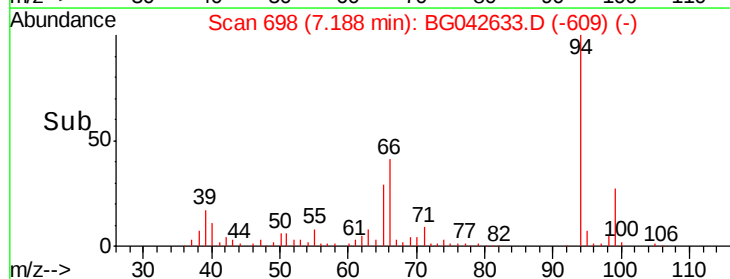
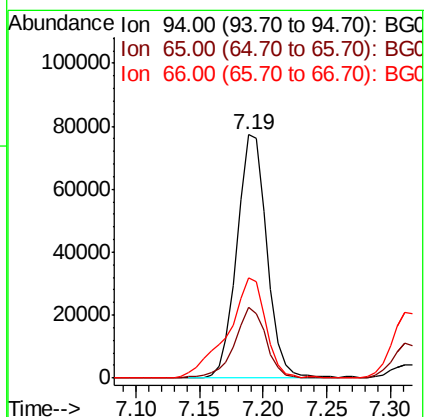
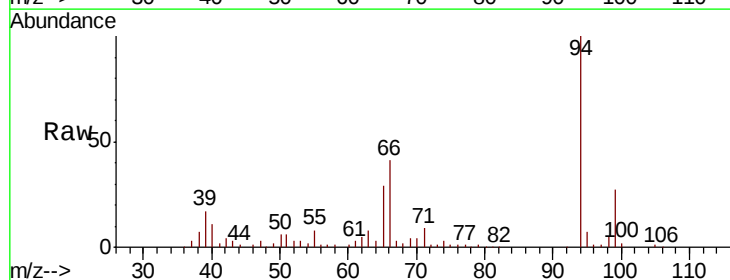
Tgt Ion: 94 Resp: 126383

Ion Ratio Lower Upper

94 100

65 29.2 5.6 45.6

66 41.4 16.0 56.0





#11

bis(2-Chloroethyl)ether

Concen: 40.001 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampleId :

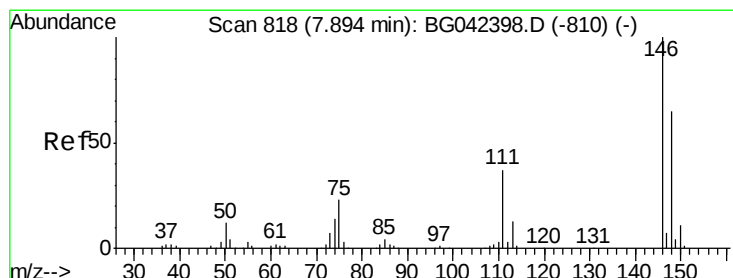
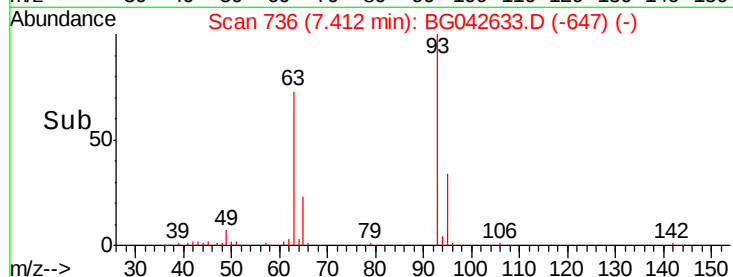
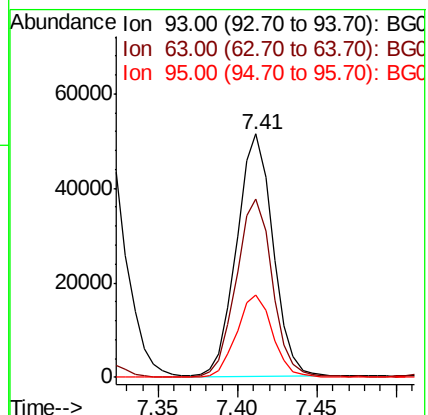
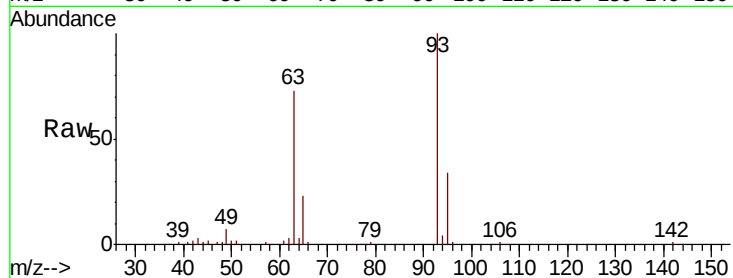
Tot Ion: 93 Resp: 81753

Ion Ratio Lower Upper

93 100

63 73.3 53.8 93.8

95 33.7 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 40.988 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

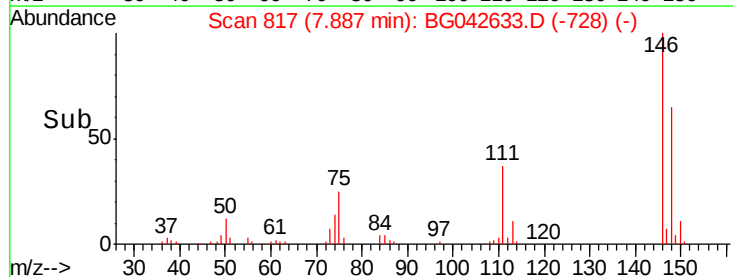
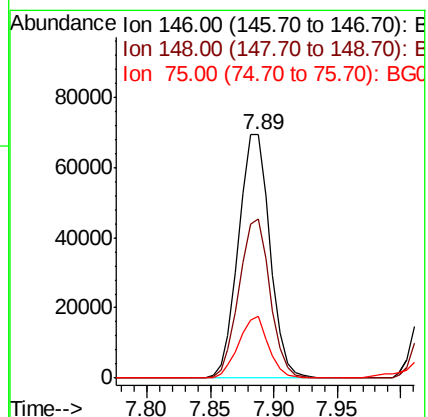
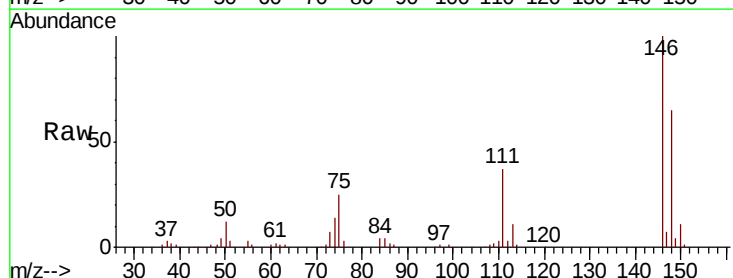
Tgt Ion: 146 Resp: 119740

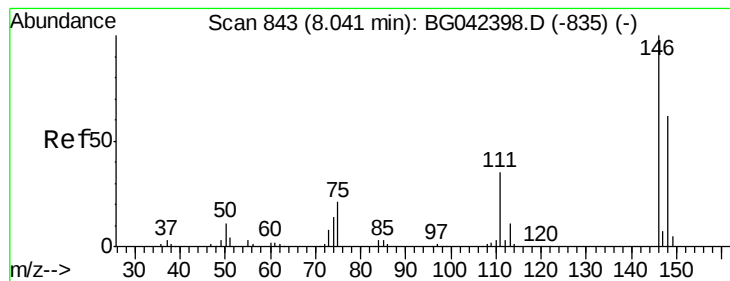
Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.2

75 25.2 18.0 27.0





#13

1,4-Dichlorobenzene

Concen: 41.436 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampled :

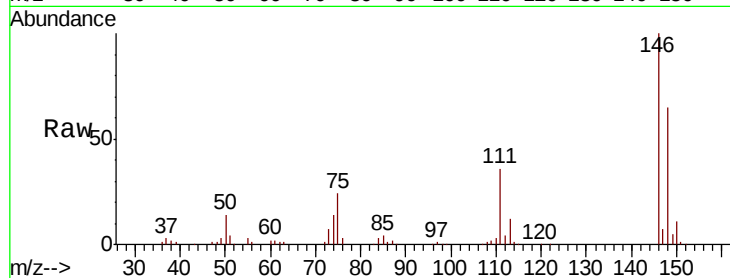
Tot Ion:146 Resp: 122612

Ion Ratio Lower Upper

146 100

148 65.4 49.5 74.3

111 35.8 28.1 42.1

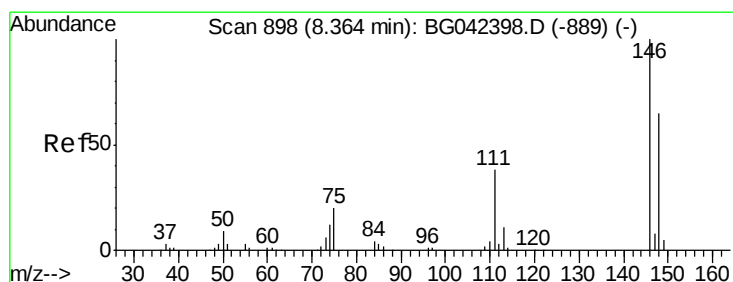
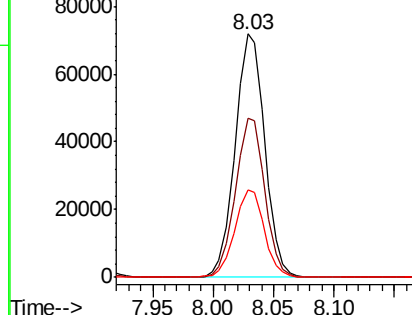
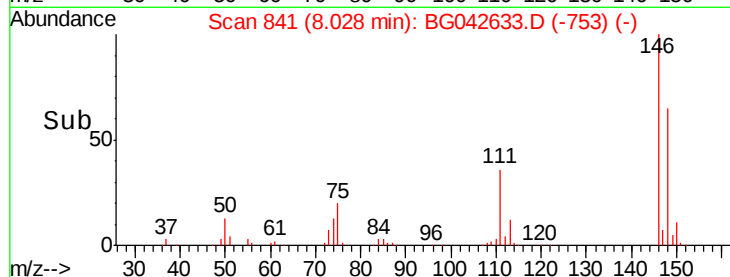


Abundance

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: 41.965 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

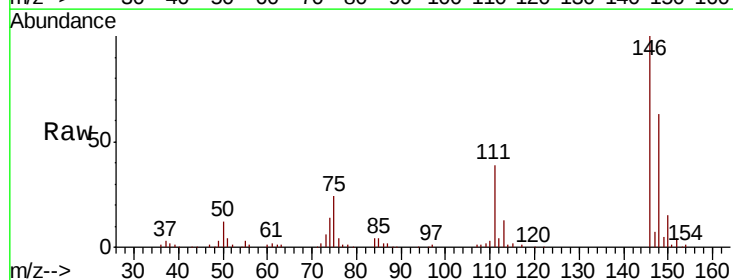
Tgt Ion:146 Resp: 118920

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

111 39.0 30.9 46.3

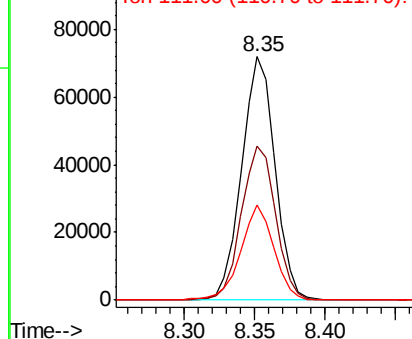
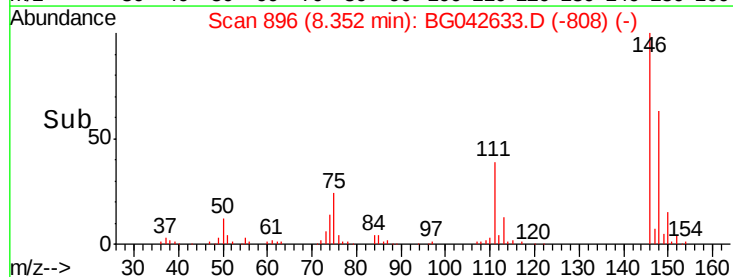


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

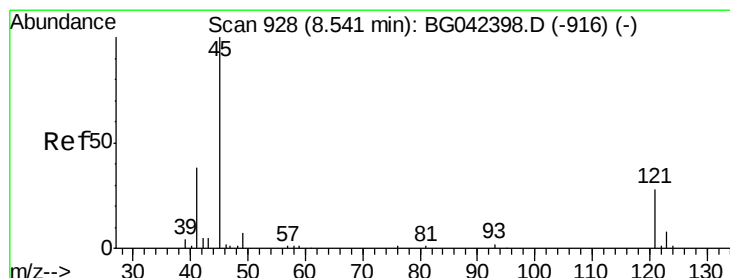
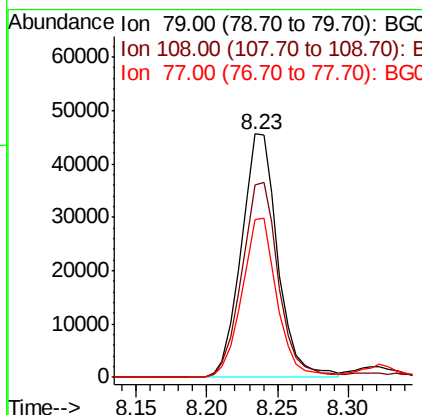
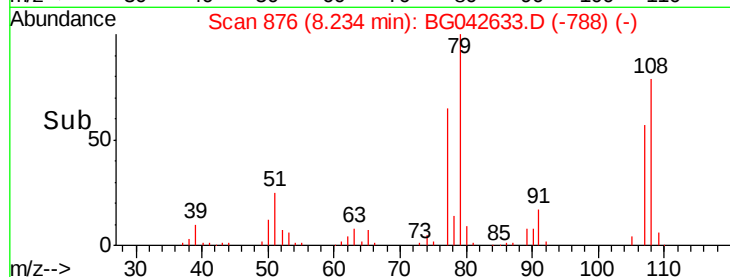
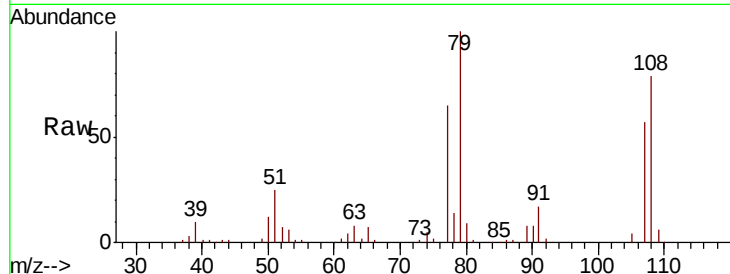




#15
Benzyl Alcohol
Concen: 44.712 ng
RT: 8.23 min Scan# 876
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

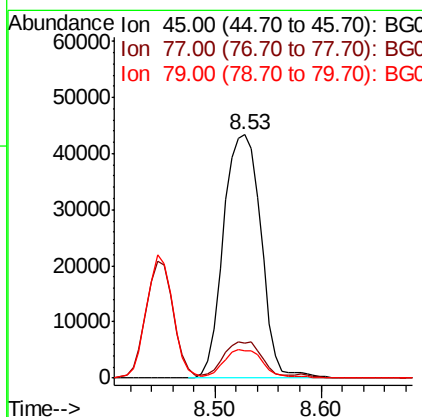
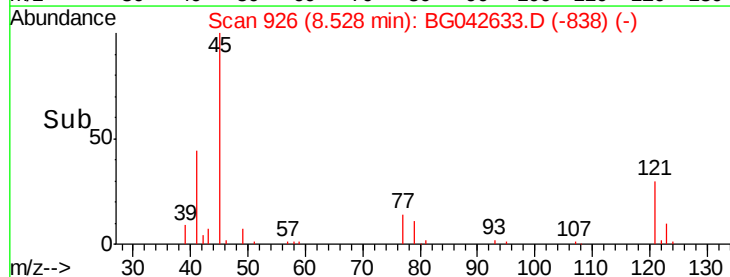
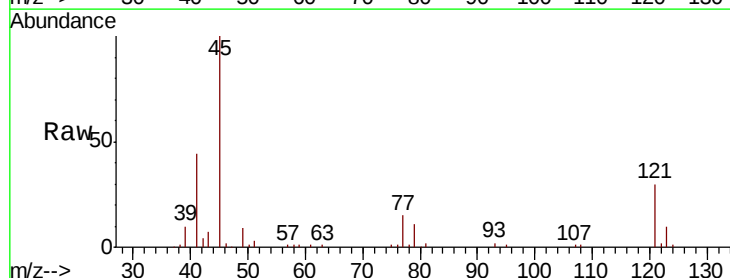
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 82334
Ion Ratio Lower Upper
79 100
108 79.1 67.4 101.2
77 65.0 50.8 76.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.553 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Tgt Ion: 45 Resp: 106796
Ion Ratio Lower Upper
45 100
77 14.5 0.0 35.6
79 11.3 0.0 31.6

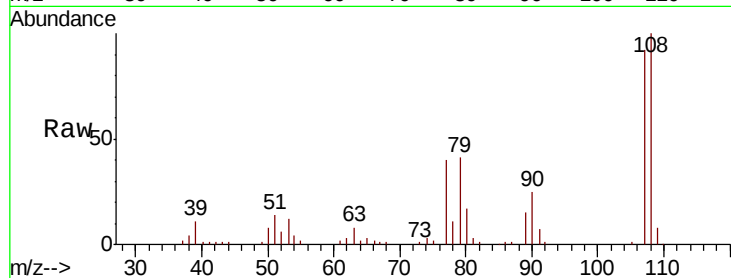




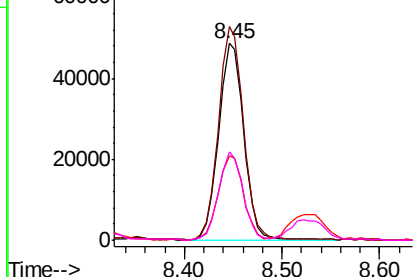
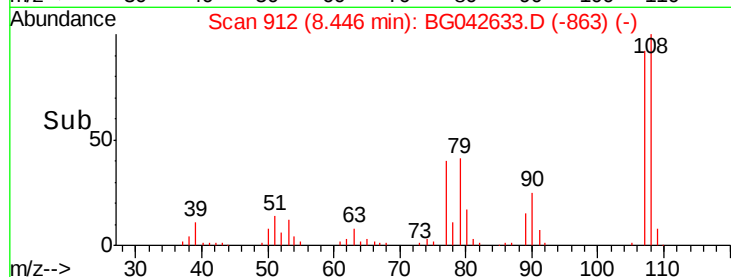
#17
2-Methylphenol
Concen: 45.370 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 86964
Ion Ratio Lower Upper
107 100
108 108.4 92.9 139.3
77 42.9 34.4 51.6
79 44.9 33.8 50.6

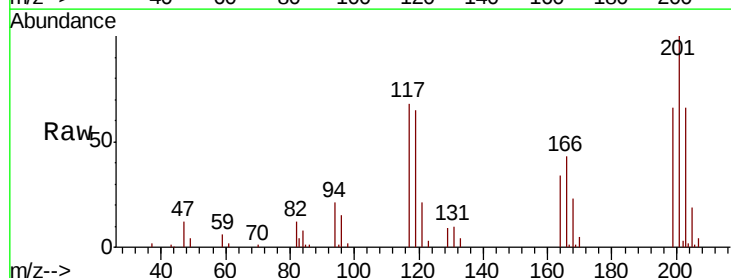


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

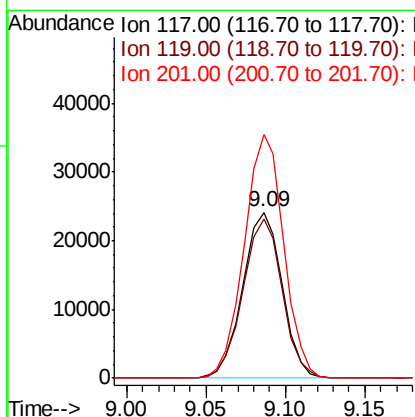
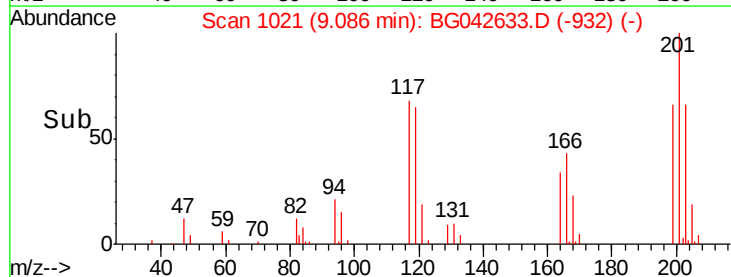


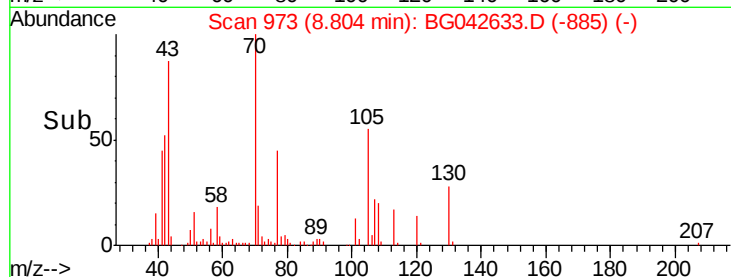
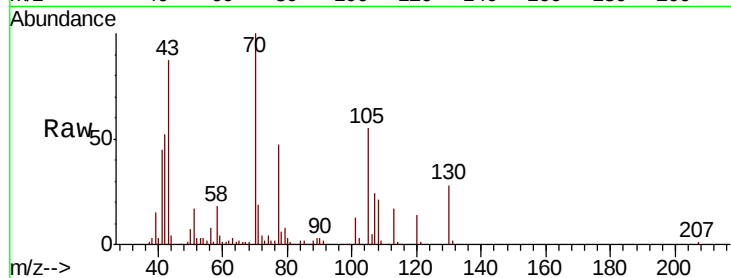
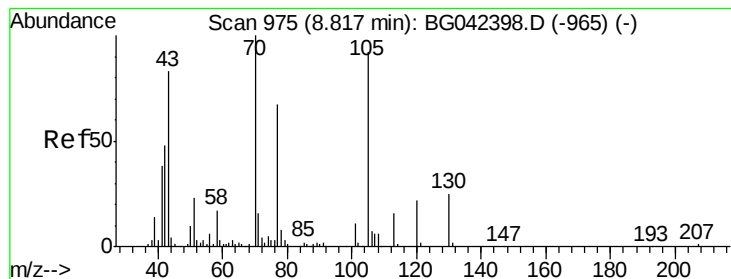
#18
Hexachloroethane
Concen: 40.946 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Tgt Ion:117 Resp: 41479
Ion Ratio Lower Upper
117 100
119 96.0 73.8 110.8
201 147.0 108.3 162.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.340 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 66892

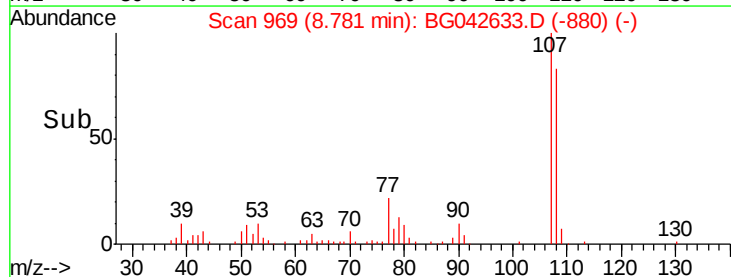
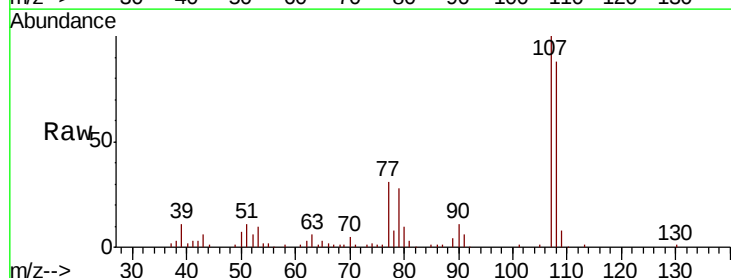
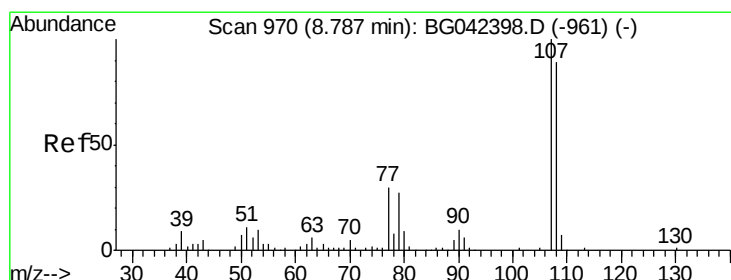
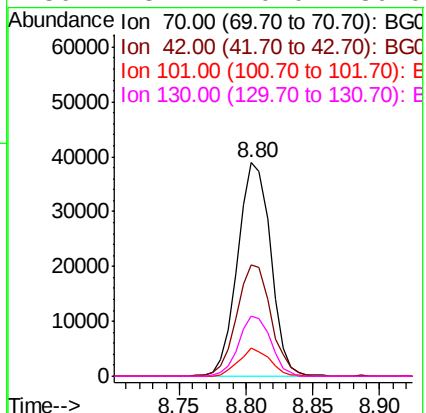
Ion Ratio Lower Upper

70 100

42 52.2 38.8 58.2

101 13.5 9.0 13.6

130 28.4 20.0 30.0



#20

3+4-Methylphenols

Concen: 43.437 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Tgt Ion: 107 Resp: 115210

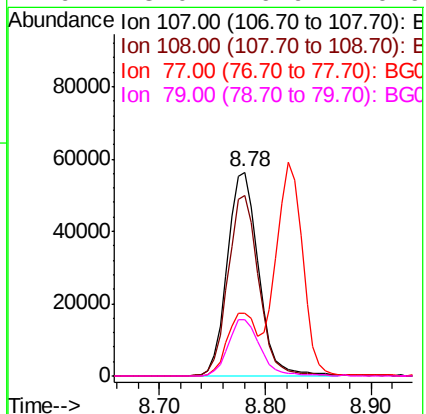
Ion Ratio Lower Upper

107 100

108 88.4 68.7 108.7

77 30.7 10.2 50.2

79 28.0 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 140272

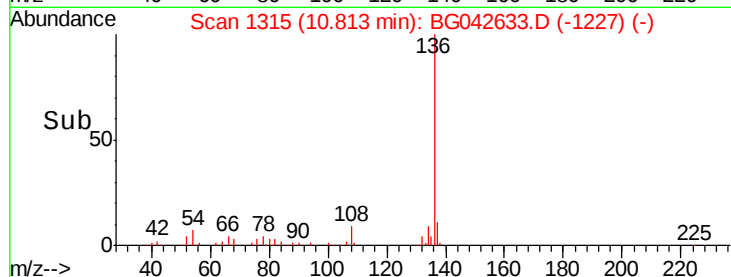
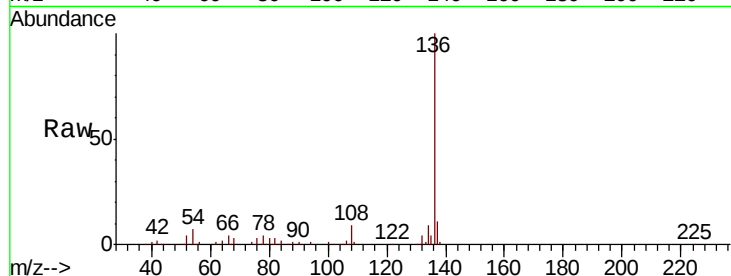
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.6 4.9 7.3

68 3.4 3.6 5.4#

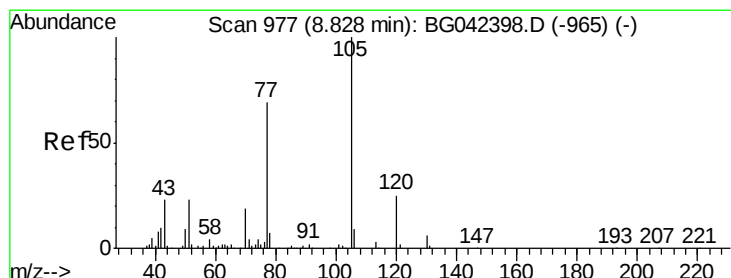
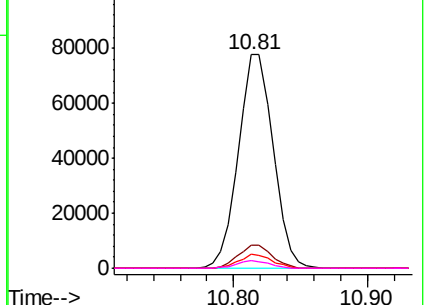


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 49.149 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Tgt Ion:105 Resp: 147455

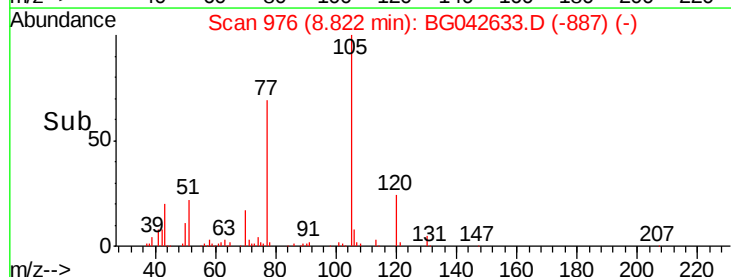
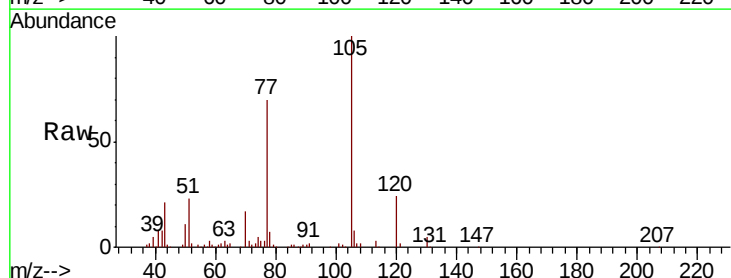
Ion Ratio Lower Upper

105 100

71 3.0 2.8 4.2

51 23.0 18.7 28.1

120 24.5 20.1 30.1

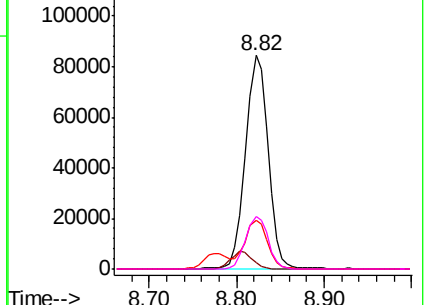


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

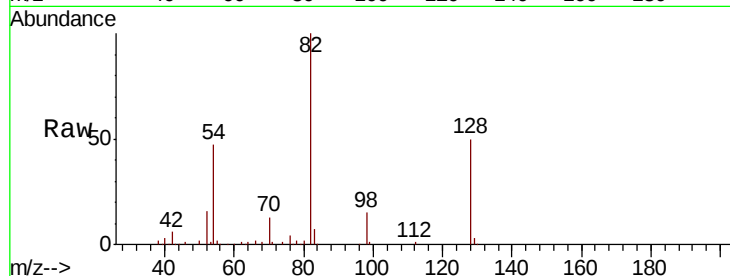




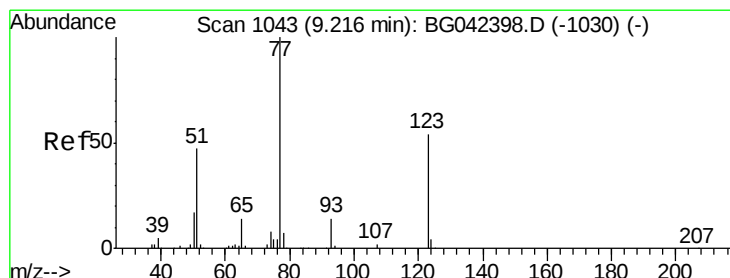
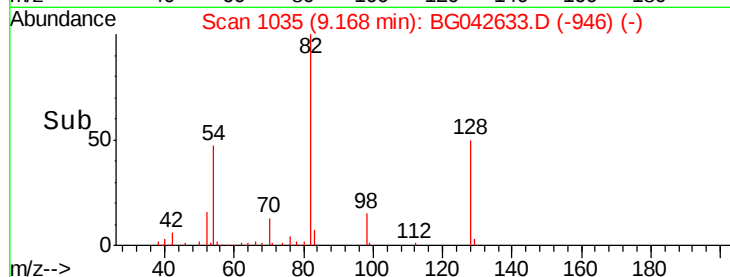
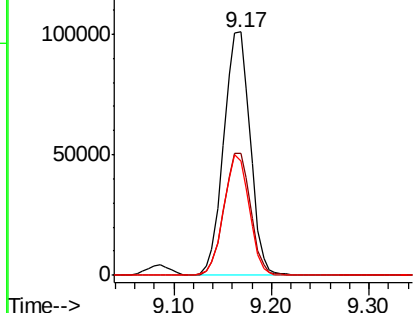
#23
 Nitrobenzene-d5
 Concen: 93.563 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	189920
Ion Ratio	Lower	Upper	
82	100		
128	50.1	40.7	61.1
54	46.9	36.3	54.5

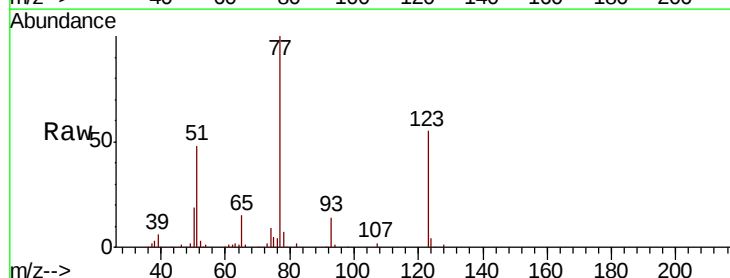


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

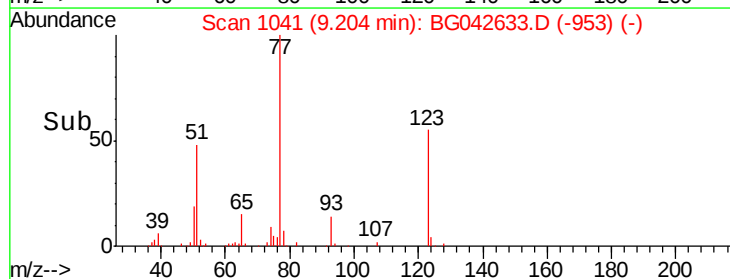
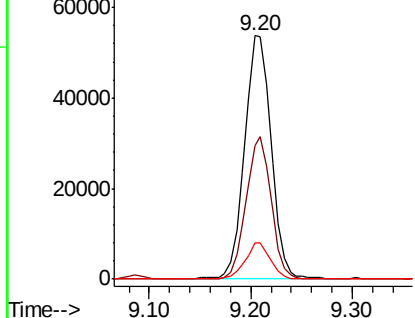


#24
 Nitrobenzene
 Concen: 47.765 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Tgt Ion	77	Resp	98182
Ion Ratio	Lower	Upper	
77	100		
123	54.8	43.4	65.0
65	15.1	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: 46.483 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampleId :

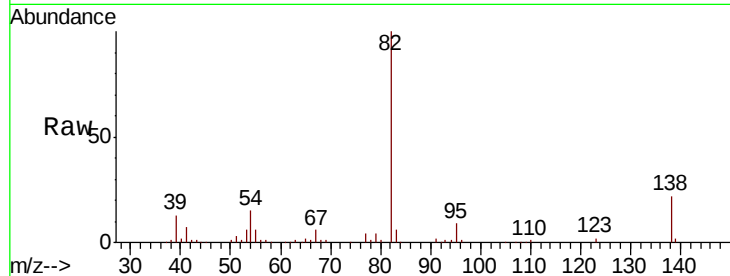
Tot Ion: 82 Resp: 186212

Ion Ratio Lower Upper

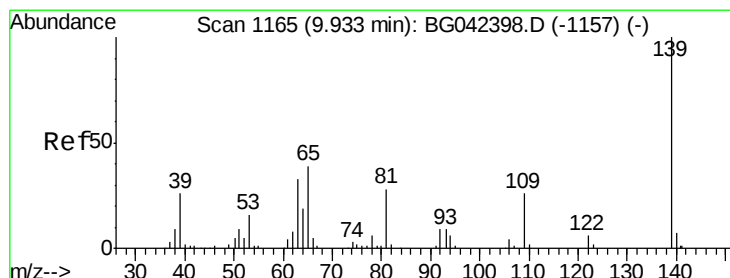
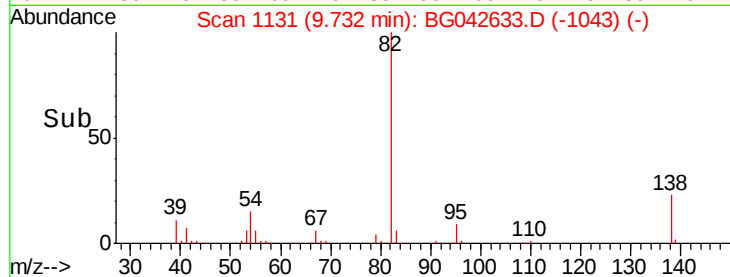
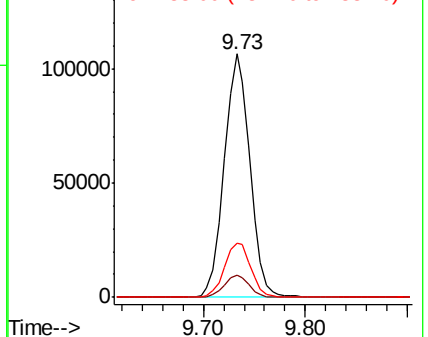
82 100

95 8.9 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: 50.709 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

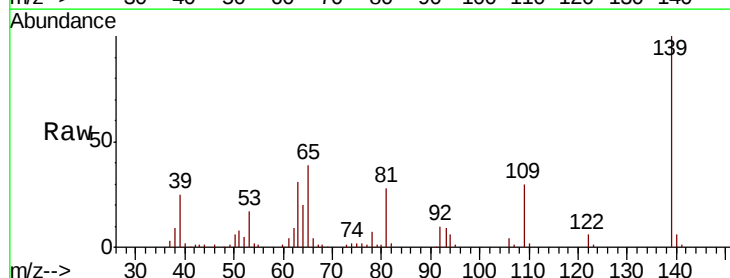
Tgt Ion: 139 Resp: 65320

Ion Ratio Lower Upper

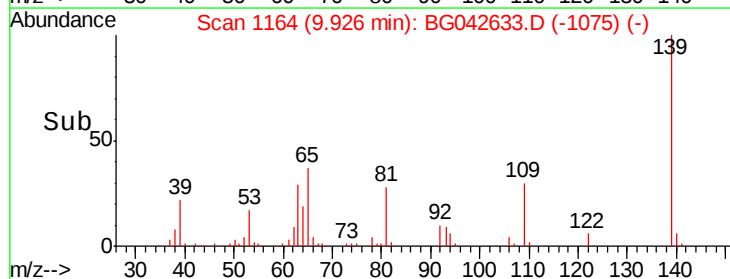
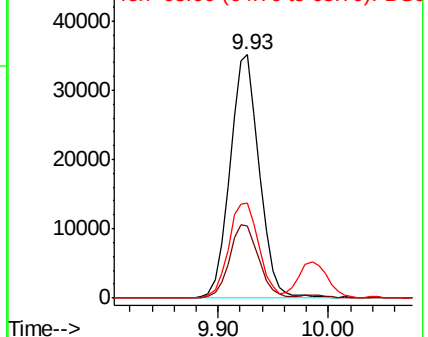
139 100

109 29.5 20.5 30.7

65 38.9 30.9 46.3



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

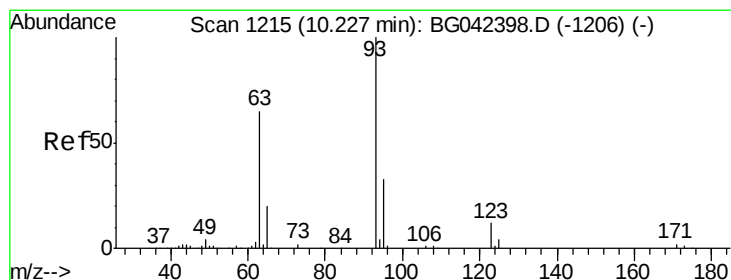
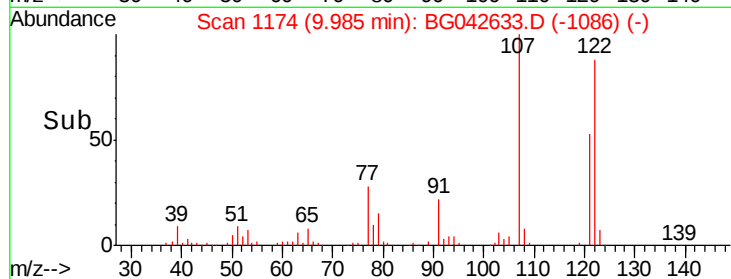
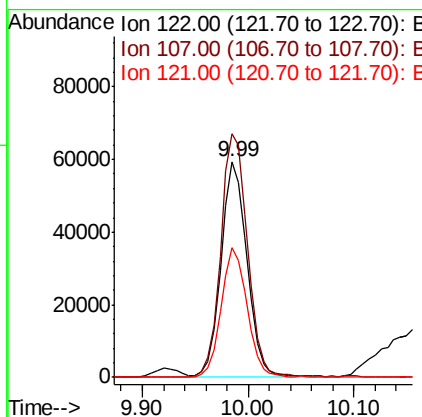
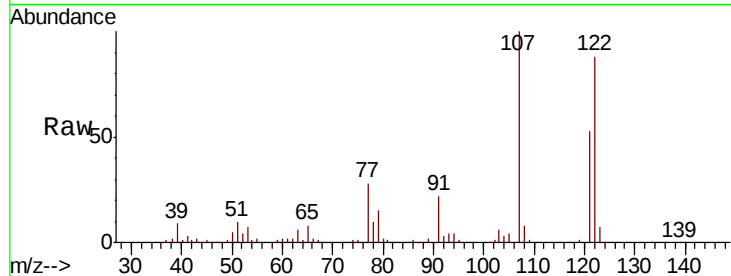




#27
 2,4-Dimethylphenol
 Concen: 56.566 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

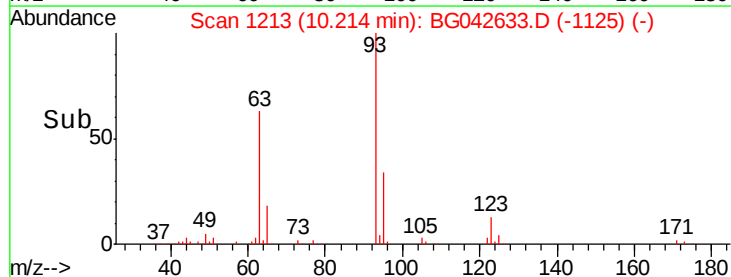
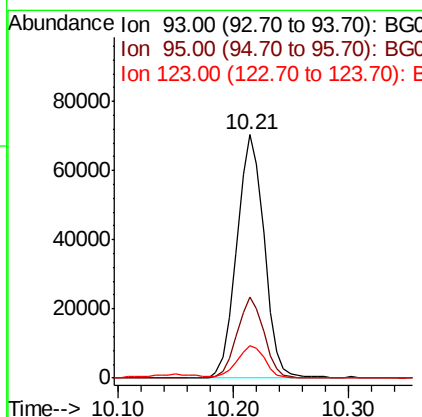
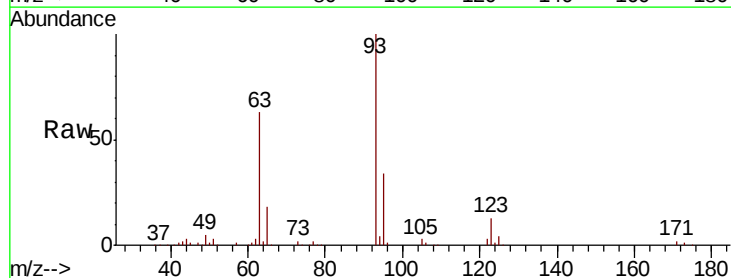
Instrument :
 BNA_G
 ClientSampled :

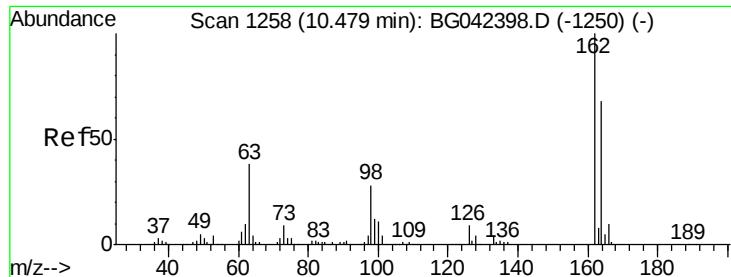
Tot Ion:122 Resp: 100371
 Ion Ratio Lower Upper
 122 100
 107 113.0 90.8 136.2
 121 60.0 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.896 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Tgt Ion: 93 Resp: 115882
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.6 40.0
 123 13.4 10.1 15.1

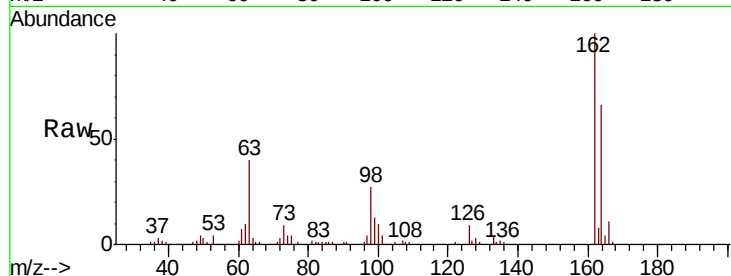




#29
 2,4-Dichlorophenol
 Concen: 52.957 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	48.1	88.1
98	27.4	7.6	47.6

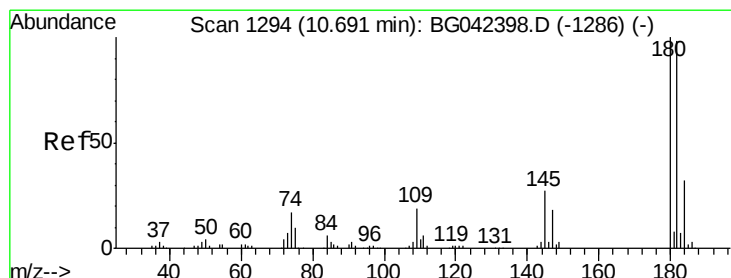
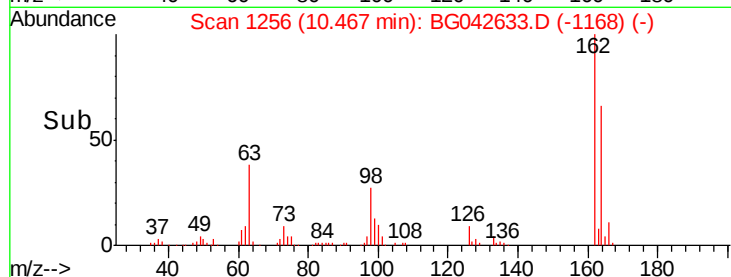
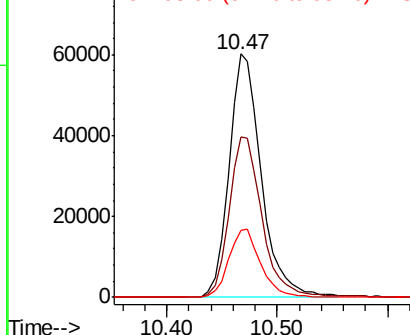


Abundance

Ion 162.00 (161.70 to 162.70): E

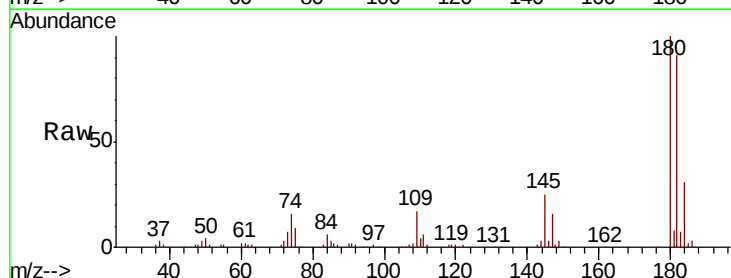
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 49.674 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	78.7	118.1
145	25.3	21.6	32.4

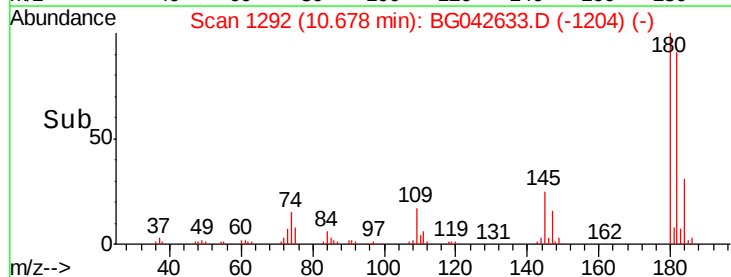
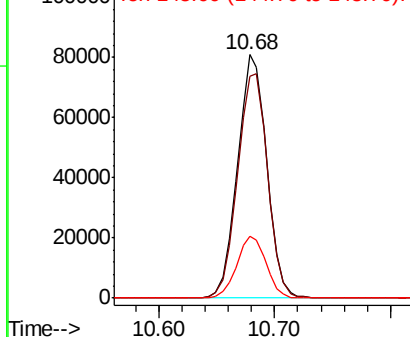


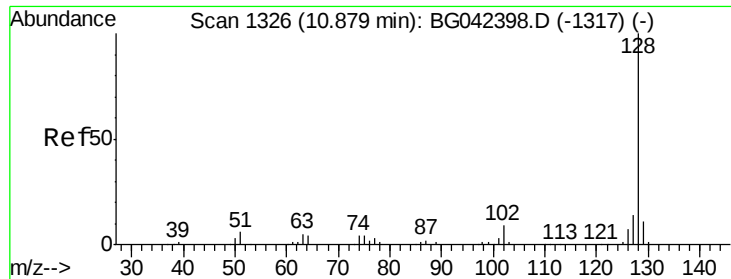
Abundance

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

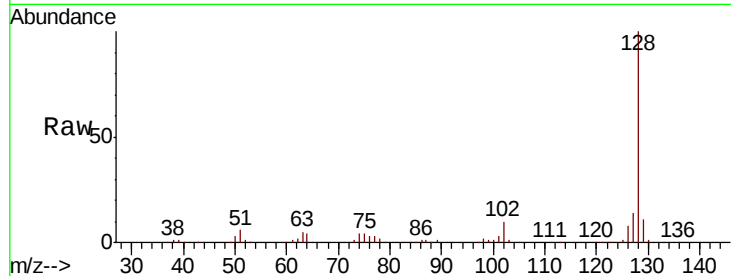




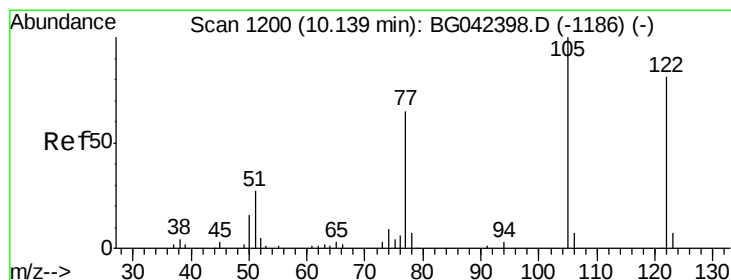
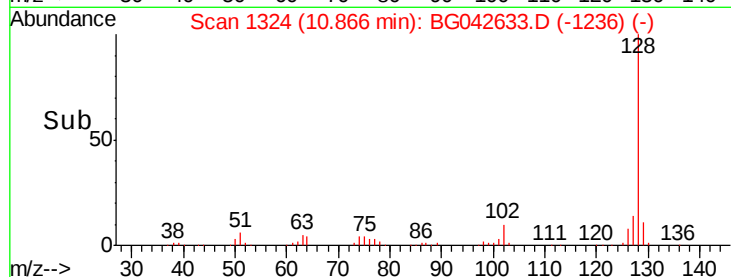
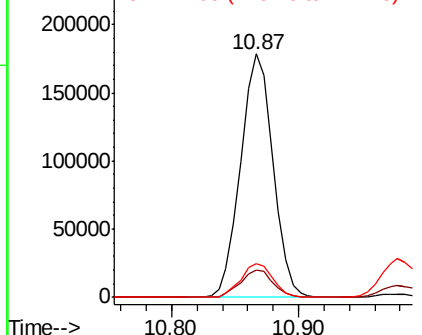
#31
Naphthalene
Concen: 48.729 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 317346
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.9 11.4 17.0

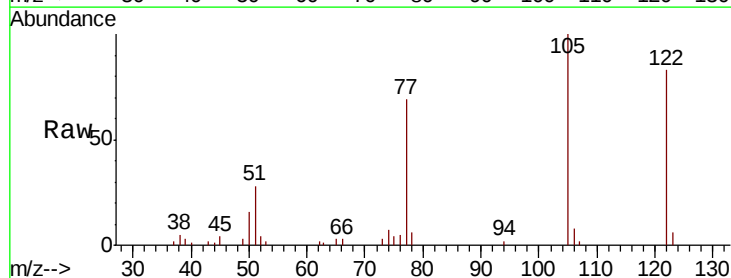


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

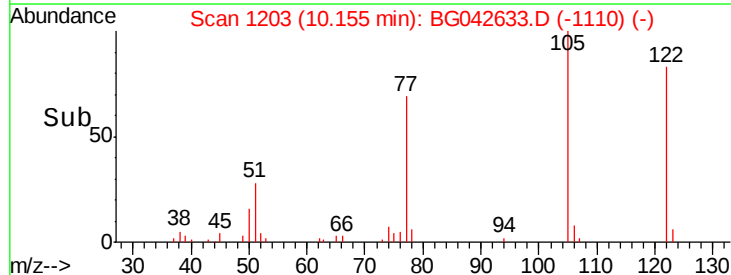
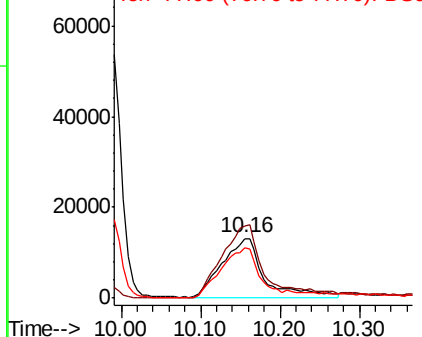


#32
Benzoic acid
Concen: 38.761 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Tgt Ion:122 Resp: 47475
Ion Ratio Lower Upper
122 100
105 120.9 99.6 139.6
77 83.5 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

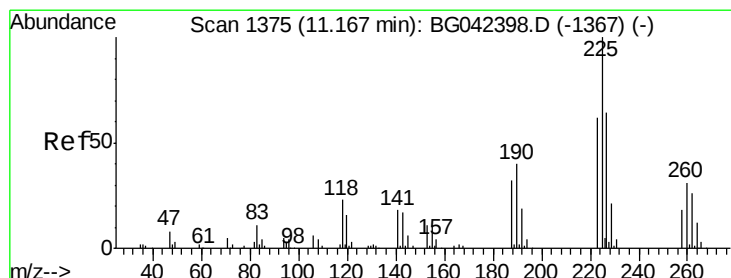
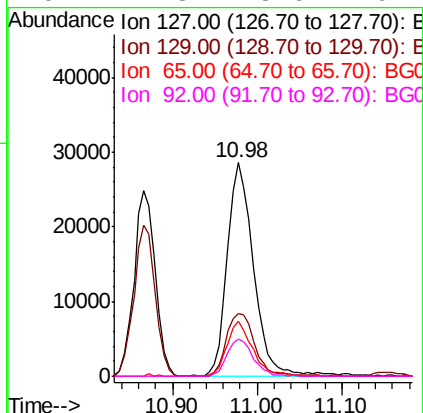
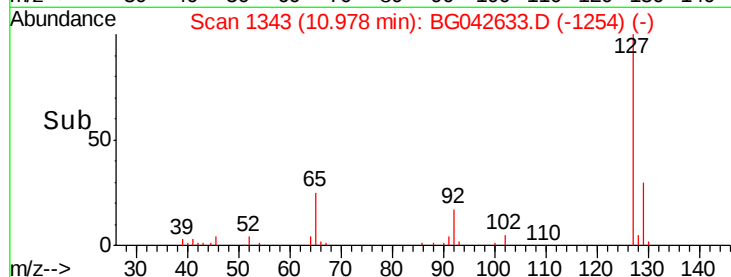
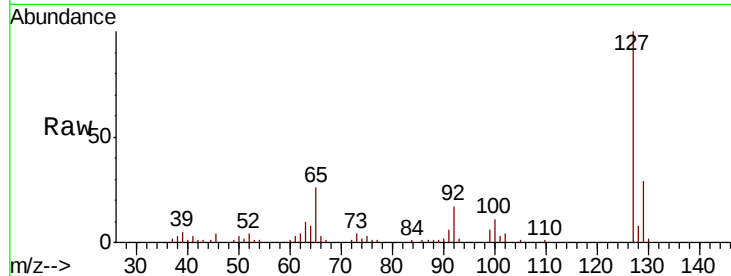




#33
4-Chloroaniline
Concen: 20.415 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

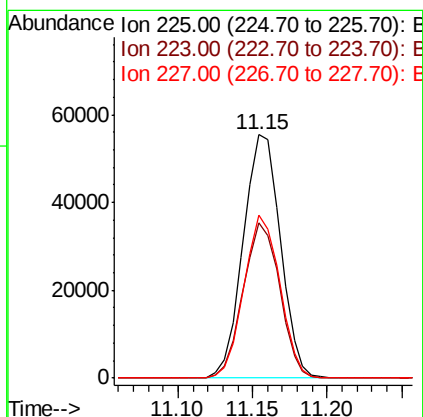
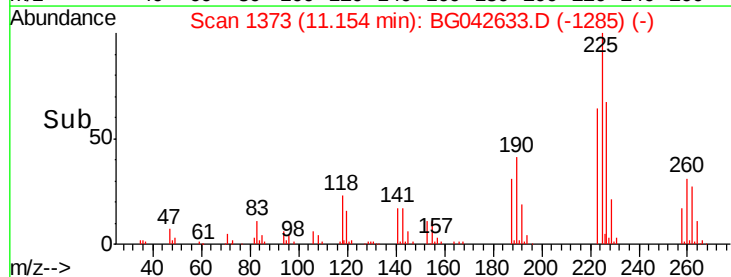
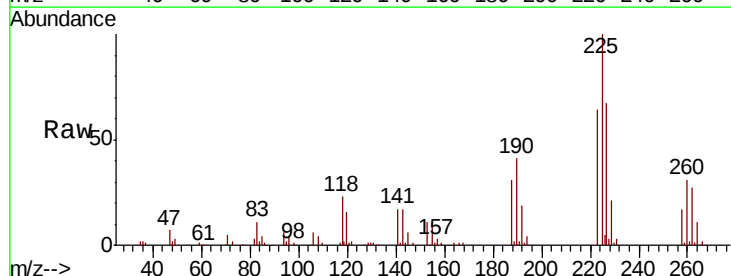
Instrument :
BNA_G
ClientSampleId :

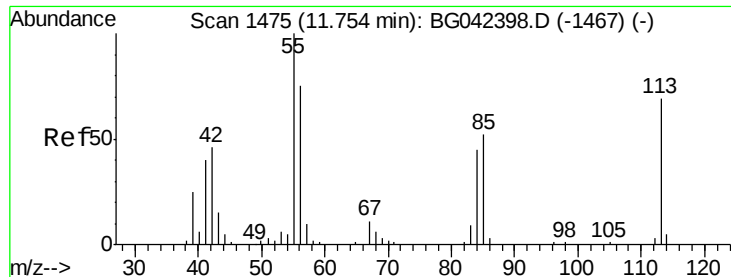
Tot Ion:	127	Resp:	61375
Ion	Ratio	Lower	Upper
127	100		
129	29.4	26.8	40.2
65	26.0	20.7	31.1
92	17.3	13.6	20.4



#34
Hexachlorobutadiene
Concen: 50.053 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Tgt Ion:	225	Resp:	95855
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	67.0	50.9	76.3





#35

Caprolactam

Concen: 25.670 ng

RT: 11.76 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampleId :

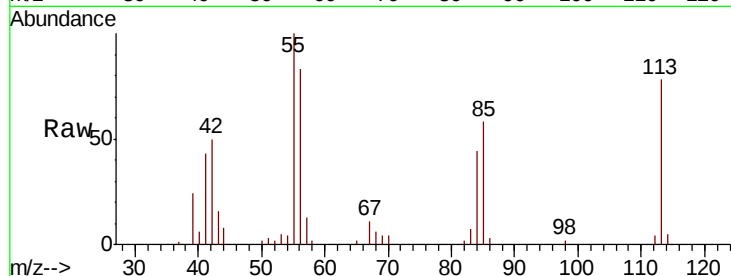
Tot Ion:113 Resp: 19885

Ion Ratio Lower Upper

113 100

55 128.9 124.6 164.6

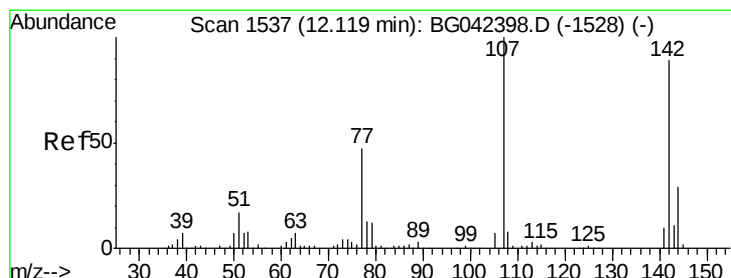
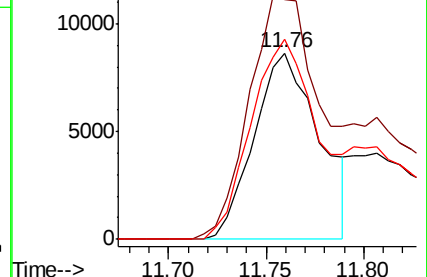
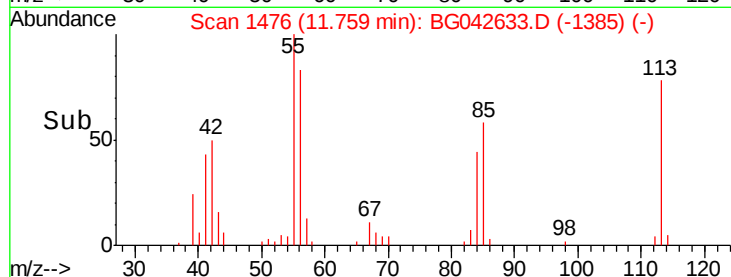
56 107.6 88.3 128.3



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: 49.999 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

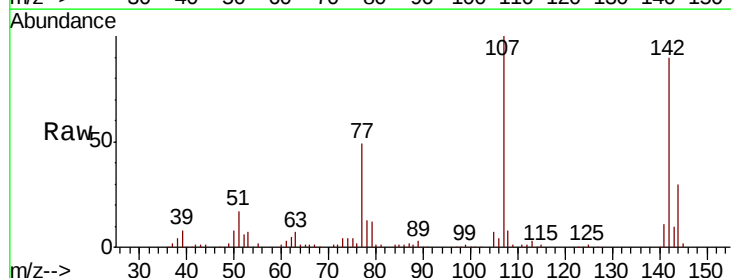
Tgt Ion:107 Resp: 110190

Ion Ratio Lower Upper

107 100

144 29.9 23.6 35.4

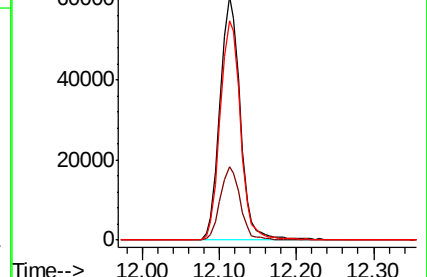
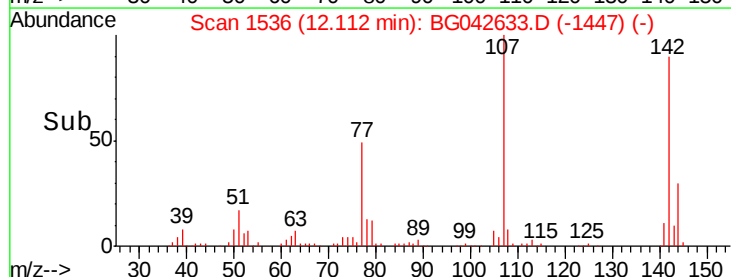
142 90.3 71.0 106.4



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

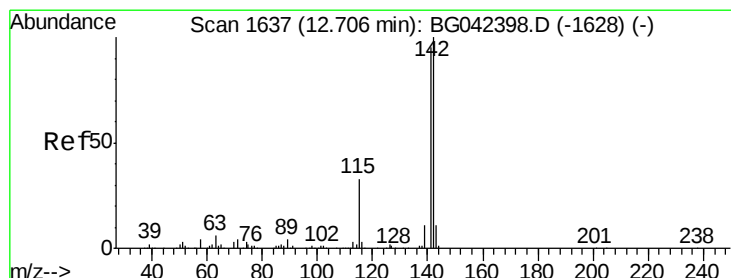
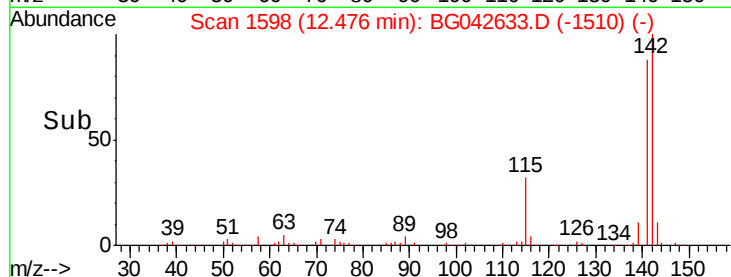
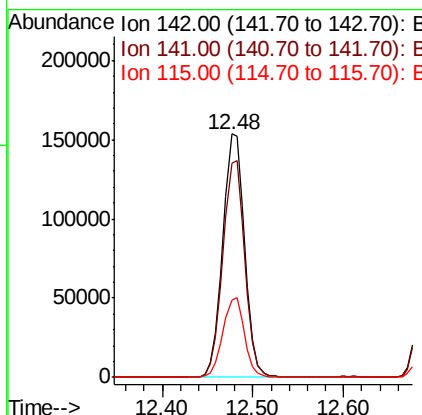
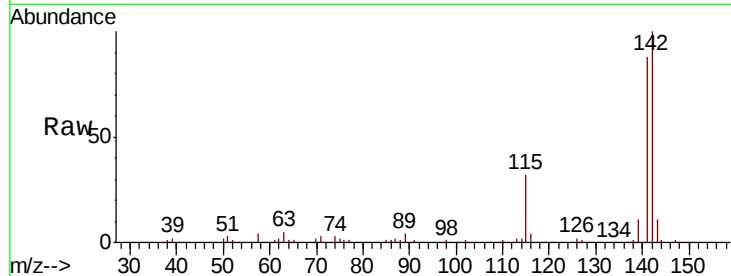




#37
 2-Methylnaphthalene
 Concen: 49.191 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

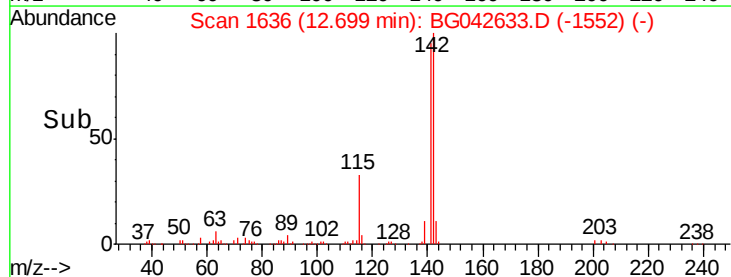
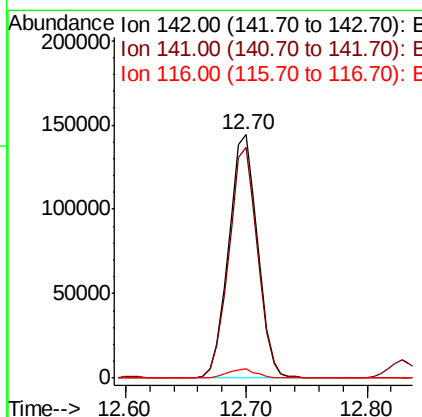
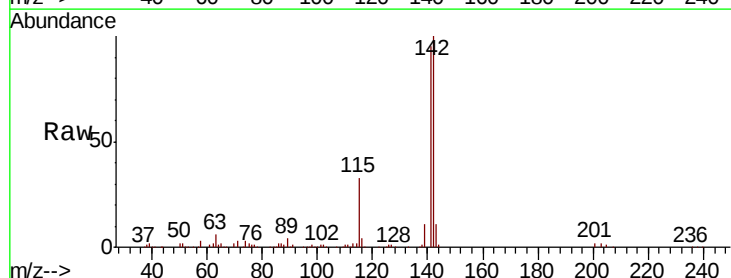
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.2
115	31.7	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 48.505 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	76.2	114.2
116	3.8	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampleId :

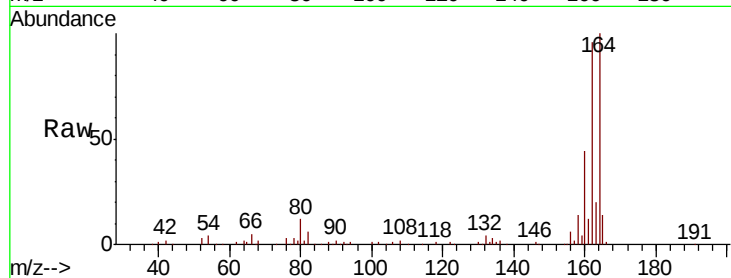
Tot Ion:164 Resp: 101206

Ion Ratio Lower Upper

164 100

162 95.5 79.9 119.9

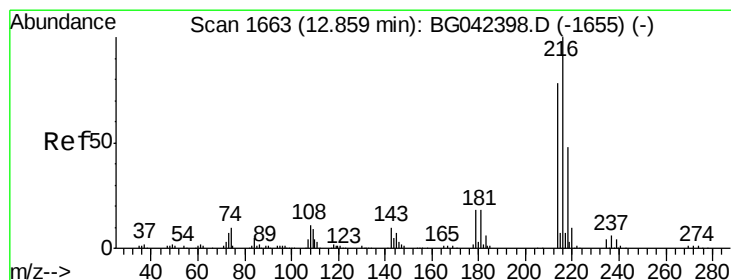
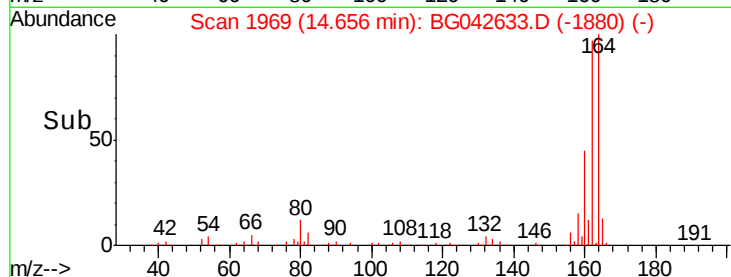
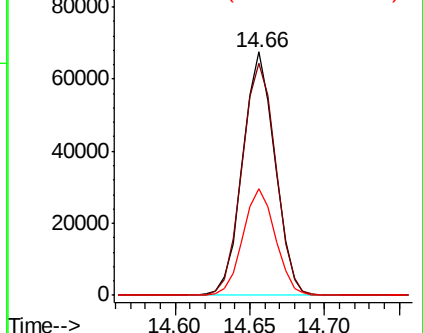
160 43.8 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.254 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Tgt Ion:216 Resp: 176331

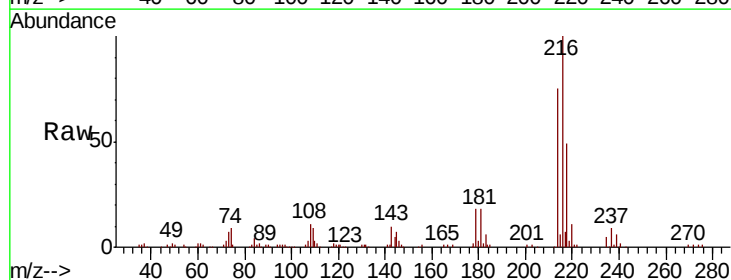
Ion Ratio Lower Upper

216 100

214 77.0 61.4 92.2

179 18.4 15.1 22.7

108 12.4 9.4 14.0

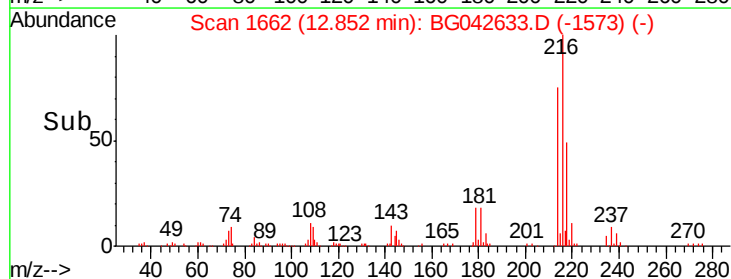
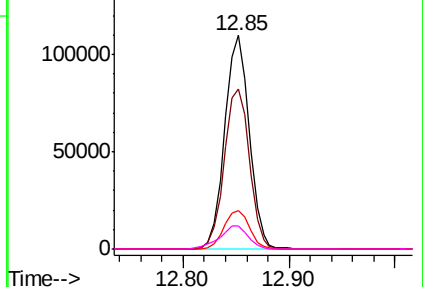


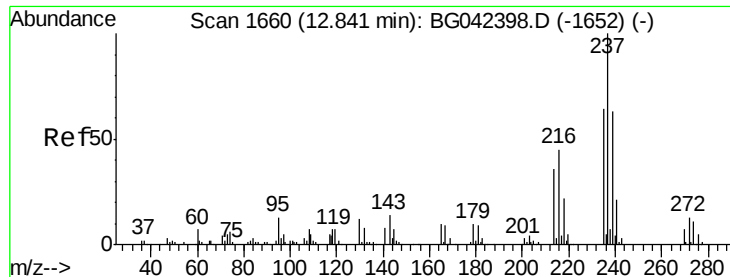
Abundance Ion 216.00 (215.70 to 216.70): E

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

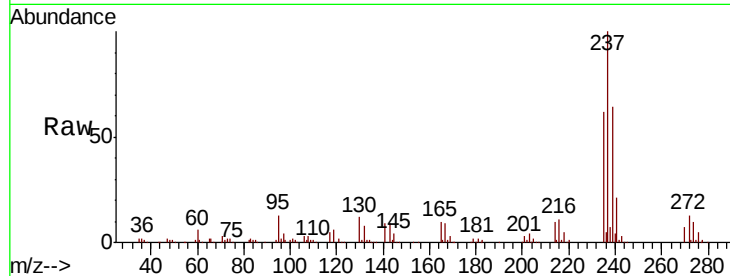




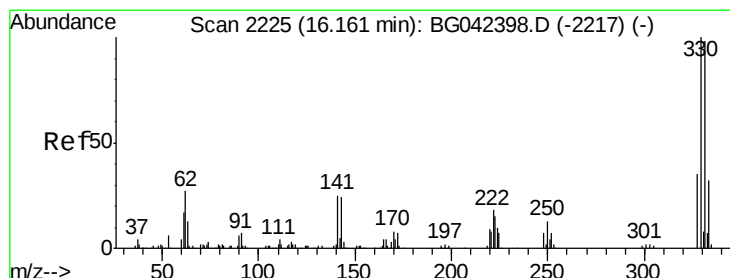
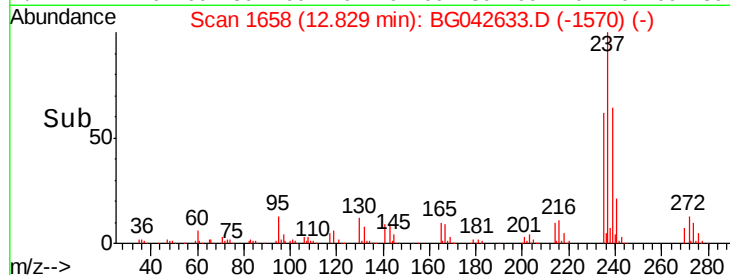
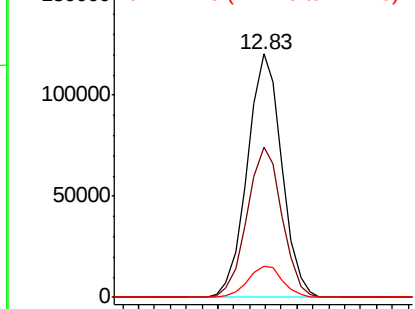
#41
Hexachlorocyclopentadiene
Concen: 106.290 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 181462
Ion Ratio Lower Upper
237 100
235 61.5 43.7 83.7
272 12.9 0.0 33.3

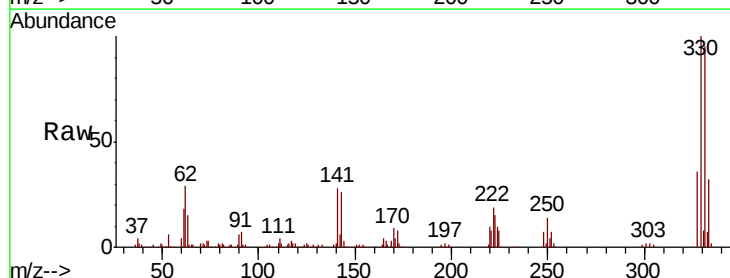


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

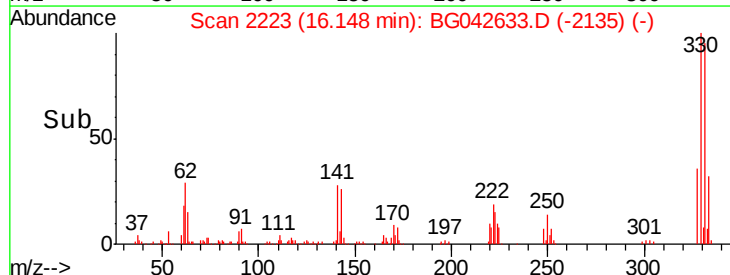
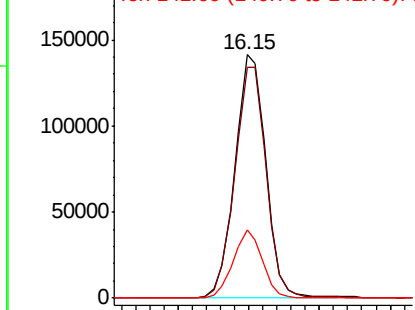


#42
2,4,6-Tribromophenol
Concen: 149.512 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Tgt Ion:330 Resp: 215069
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 26.5 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

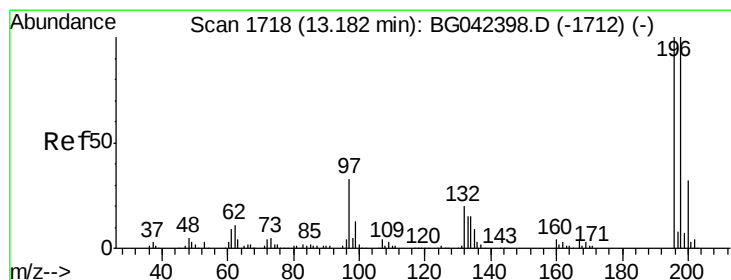
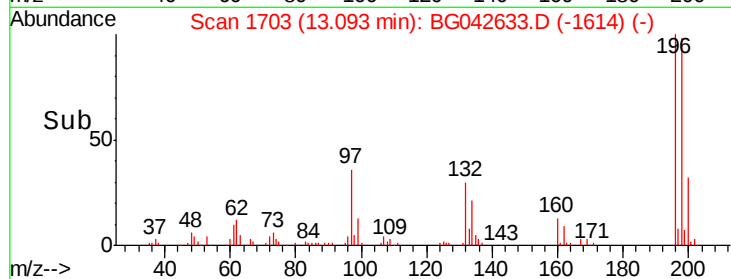
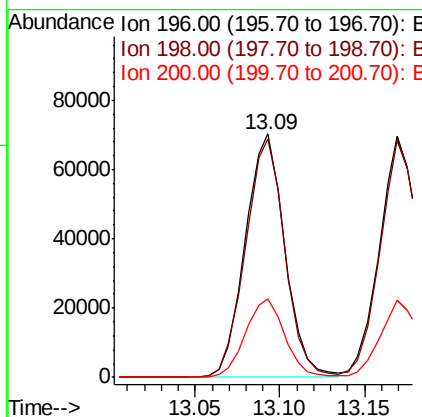
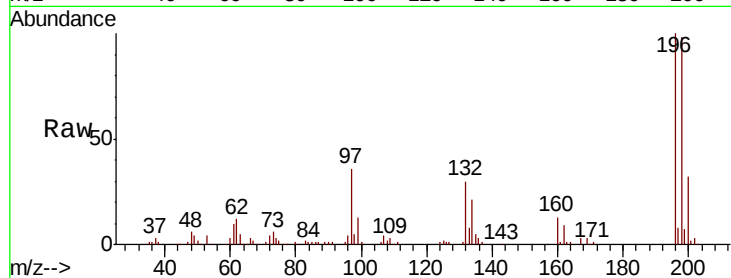




#43
 2,4,6-Trichlorophenol
 Concen: 51.979 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

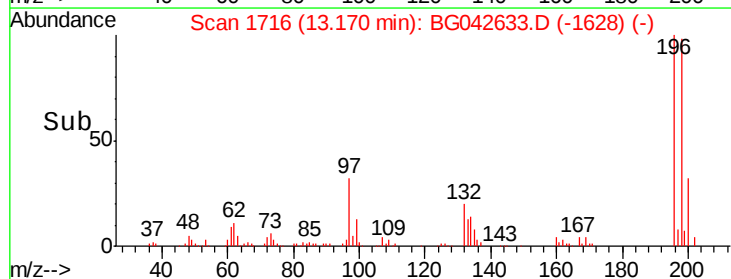
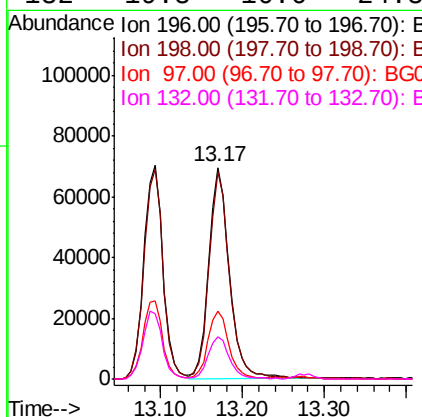
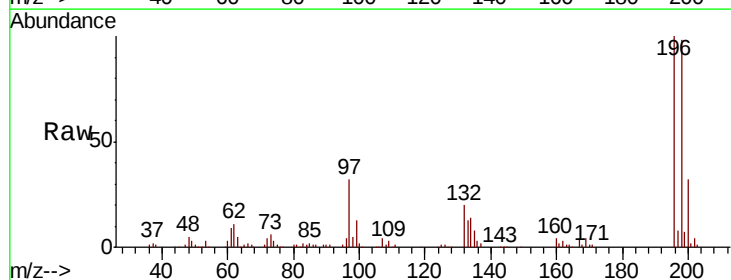
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 114190
 Ion Ratio Lower Upper
 196 100
 198 98.2 80.7 121.1
 200 32.1 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 53.838 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Tgt Ion:196 Resp: 122565
 Ion Ratio Lower Upper
 196 100
 198 98.3 80.2 120.4
 97 32.4 26.3 39.5
 132 19.8 16.6 24.8

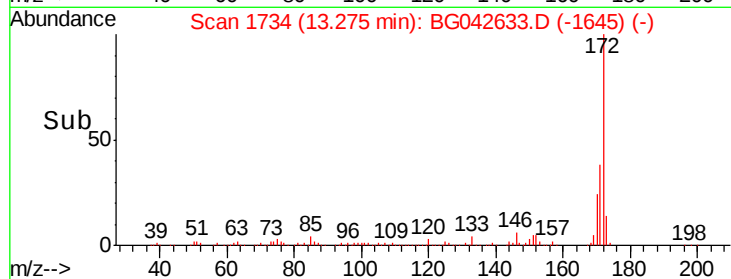
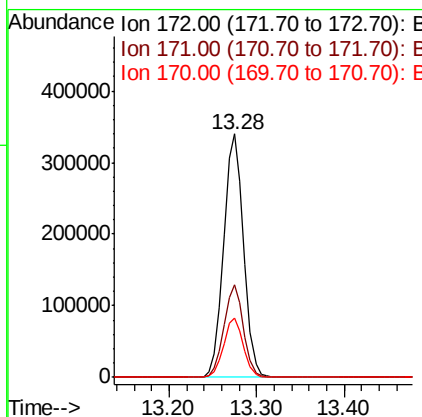
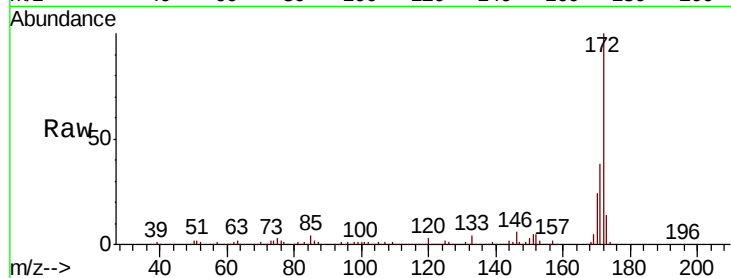




#45
2-Fluorobiphenyl
Concen: 88.961 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

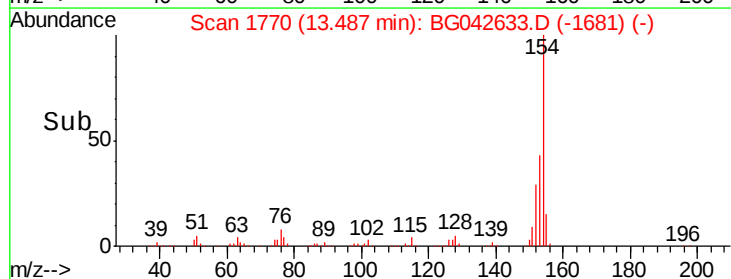
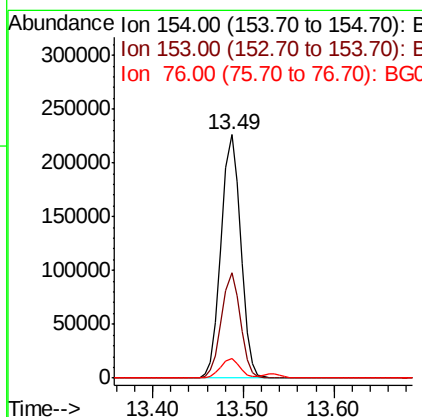
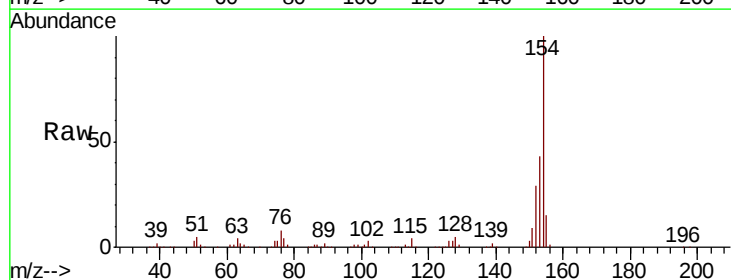
Instrument :
BNA_G
ClientSampleId :

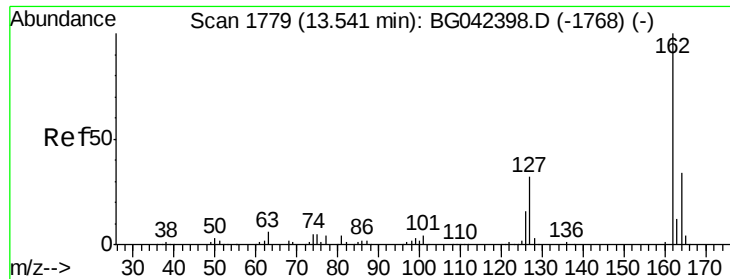
Tot Ion:172 Resp: 532341
Ion Ratio Lower Upper
172 100
171 37.9 30.5 45.7
170 24.4 20.2 30.2



#46
1,1'-Biphenyl
Concen: 51.729 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Tgt Ion:154 Resp: 338411
Ion Ratio Lower Upper
154 100
153 43.1 23.0 63.0
76 8.3 0.0 29.6

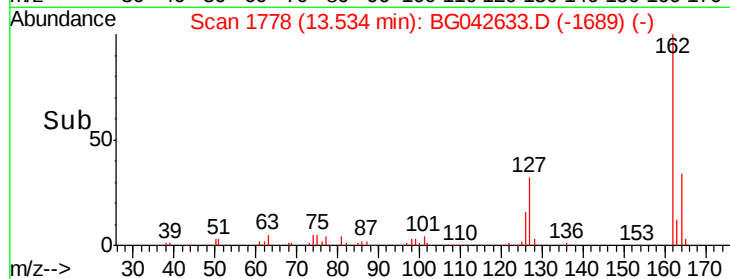
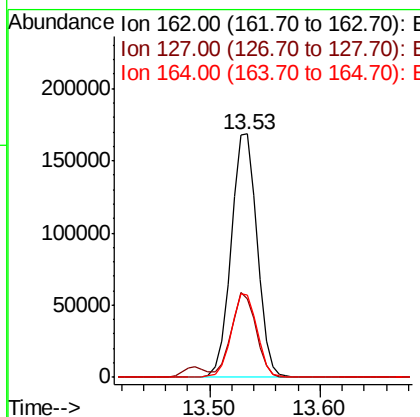
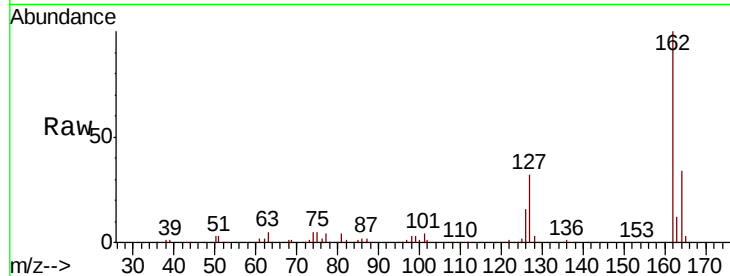




#47
 2-Chloronaphthalene
 Concen: 49.494 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

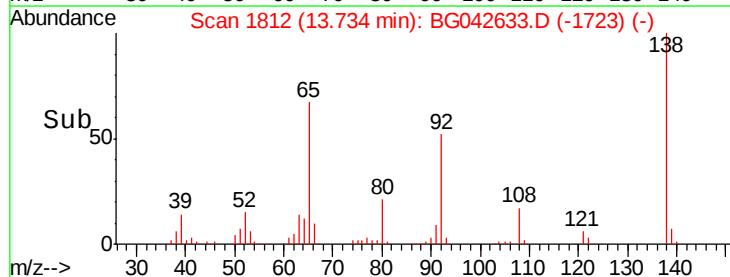
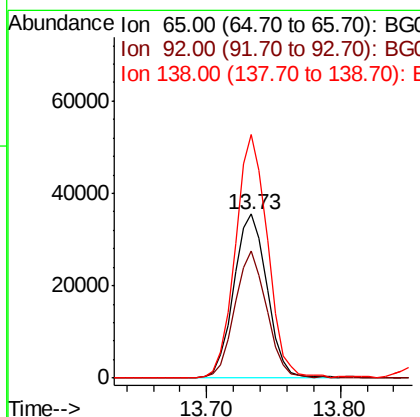
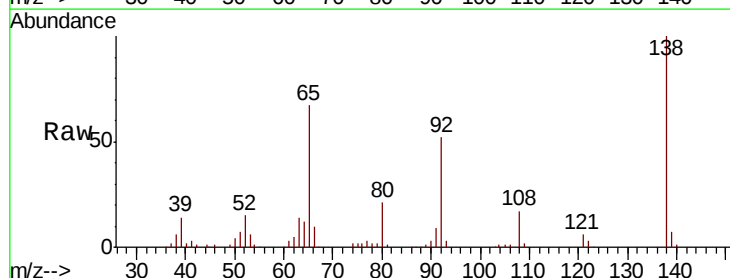
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 279193
 Ion Ratio Lower Upper
 162 100
 127 32.5 26.0 39.0
 164 33.8 27.4 41.0



#48
 2-Nitroaniline
 Concen: 45.162 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Tgt Ion: 65 Resp: 61433
 Ion Ratio Lower Upper
 65 100
 92 77.7 61.8 92.6
 138 148.8 111.0 166.6





#49

Acenaphthylene

Concen: 51.194 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampleId :

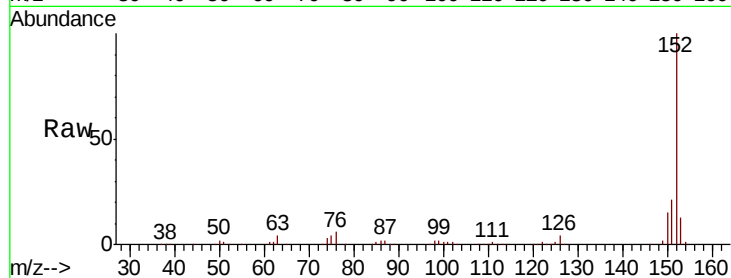
Tot Ion:152 Resp: 434468

Ion Ratio Lower Upper

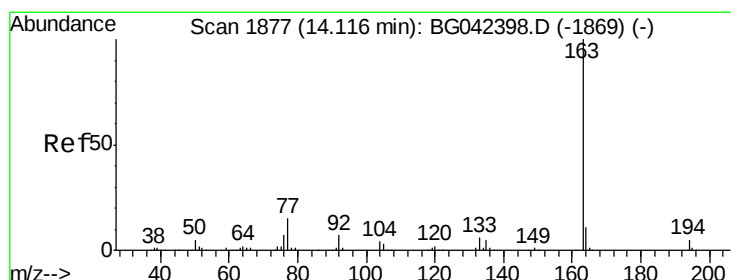
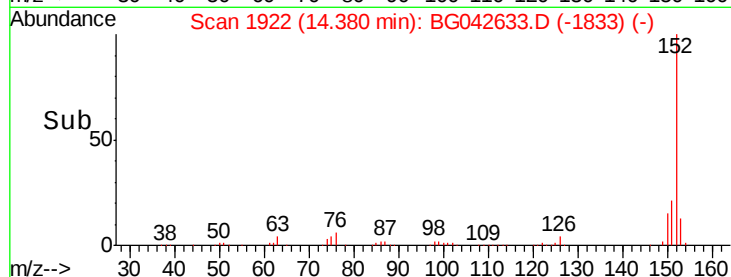
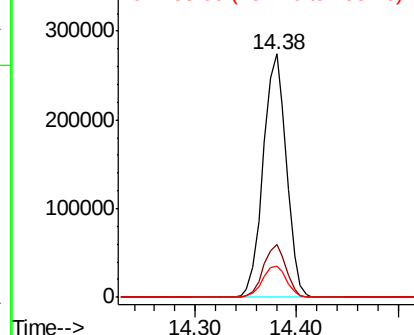
152 100

151 21.5 17.0 25.4

153 13.1 10.6 16.0



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



#50

Dimethylphthalate

Concen: 63.491 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

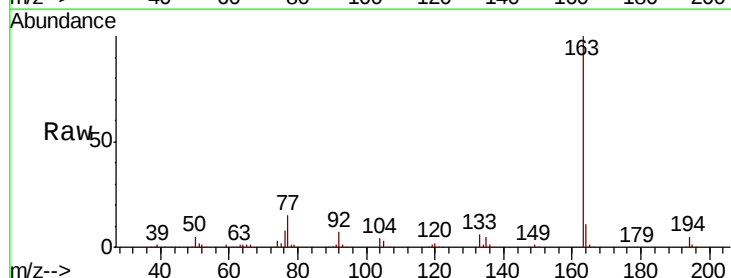
Tgt Ion:163 Resp: 463638

Ion Ratio Lower Upper

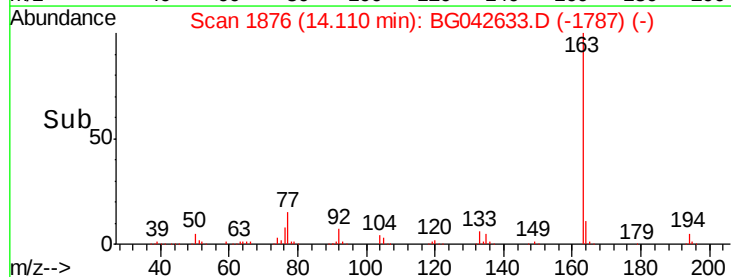
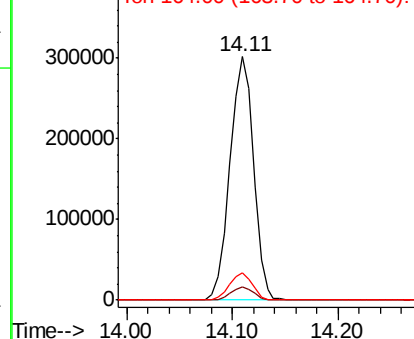
163 100

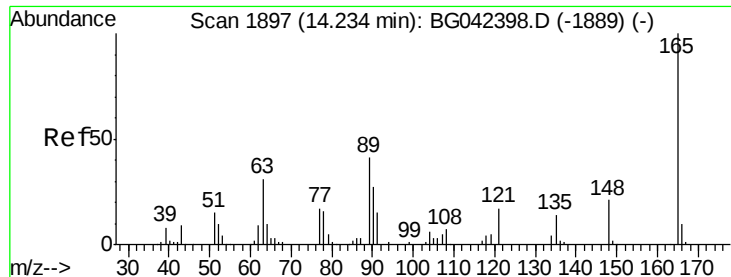
194 5.4 4.2 6.2

164 11.1 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

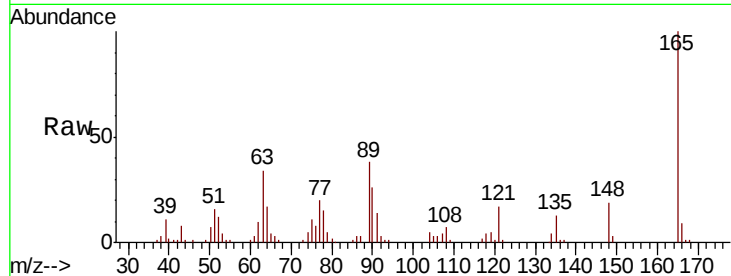




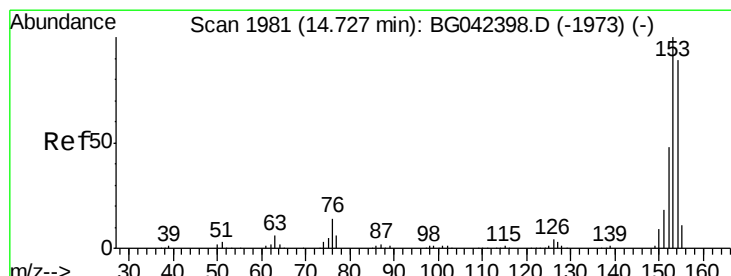
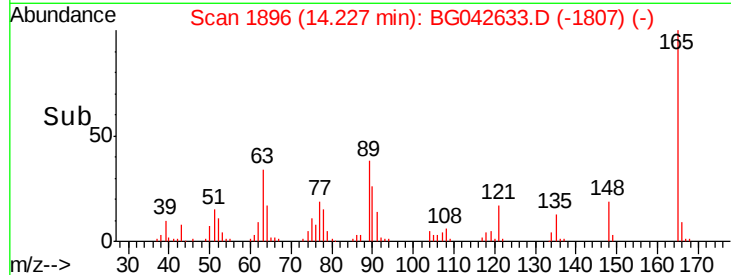
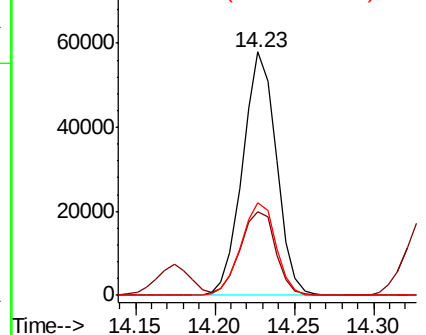
#51
 2,6-Dinitrotoluene
 Concen: 50.551 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.5	30.6	45.8
89	37.9	32.6	49.0

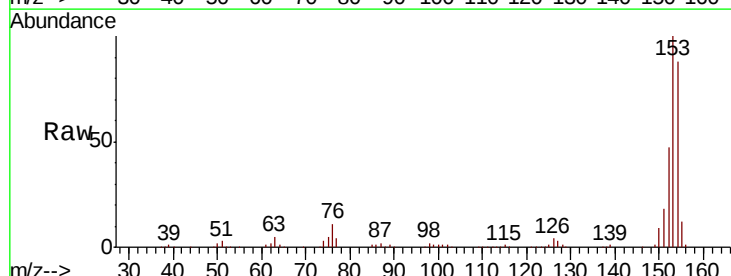


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

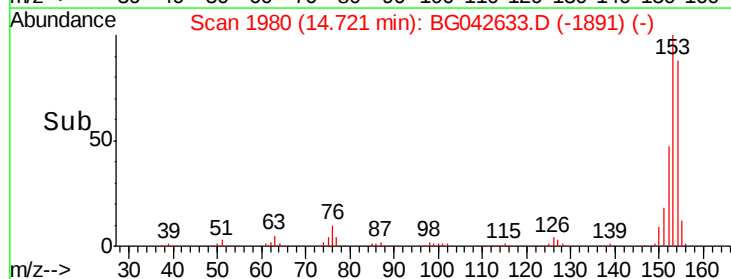
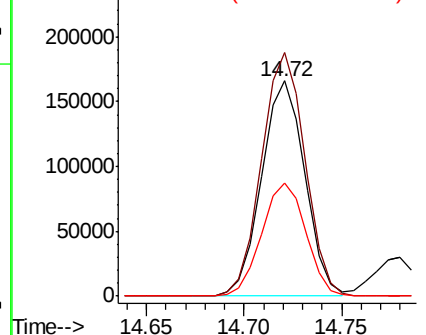


#52
 Acenaphthene
 Concen: 49.388 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.2	135.4
152	52.8	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

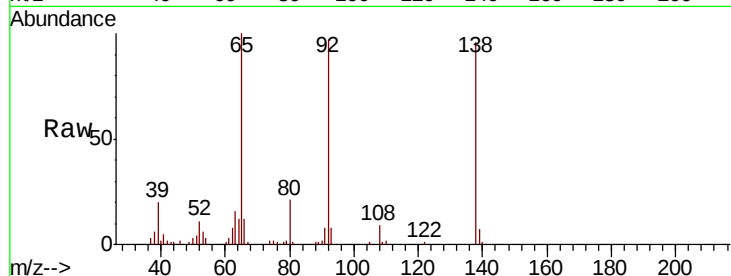




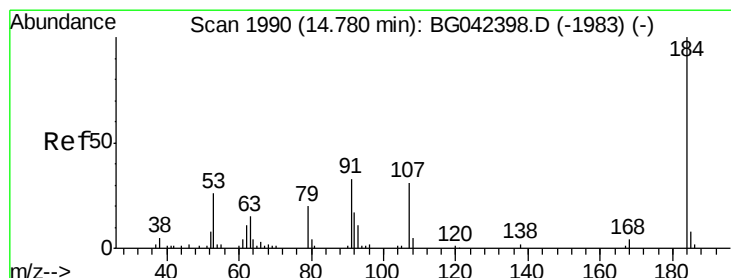
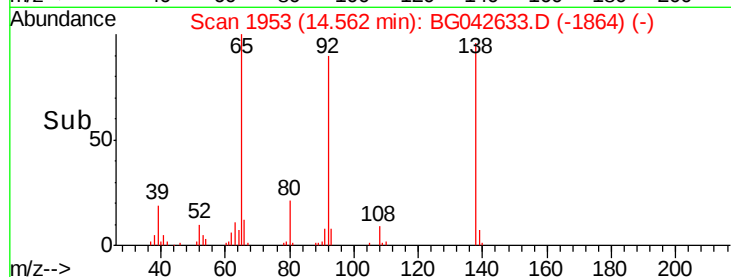
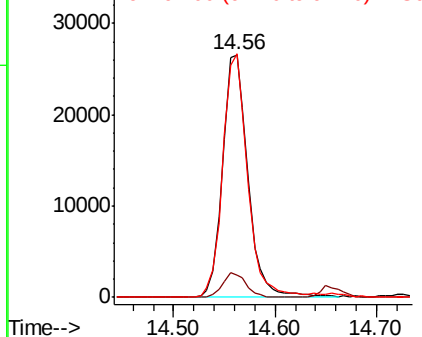
#53
3-Nitroaniline
Concen: 27.137 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 45937
Ion Ratio Lower Upper
138 100
108 9.2 8.3 12.5
92 100.5 78.2 117.4

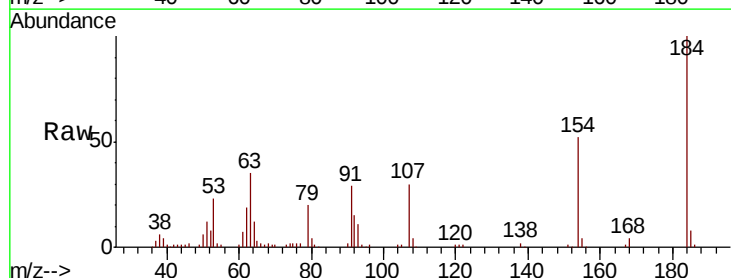


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

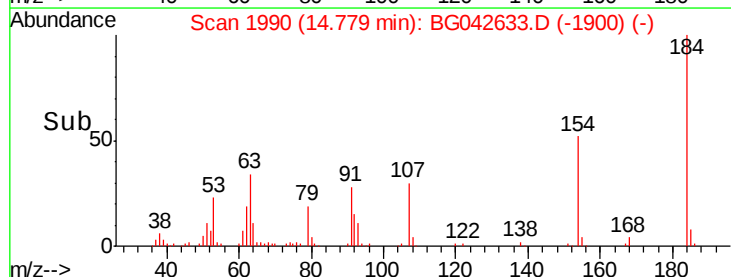
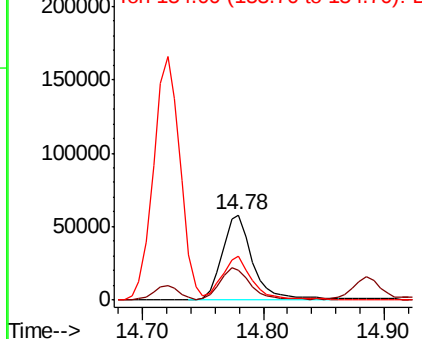


#54
2,4-Dinitrophenol
Concen: 88.615 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Tgt Ion:184 Resp: 101944
Ion Ratio Lower Upper
184 100
63 35.5 31.7 47.5
154 52.1 42.0 63.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 51.694 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampleId :

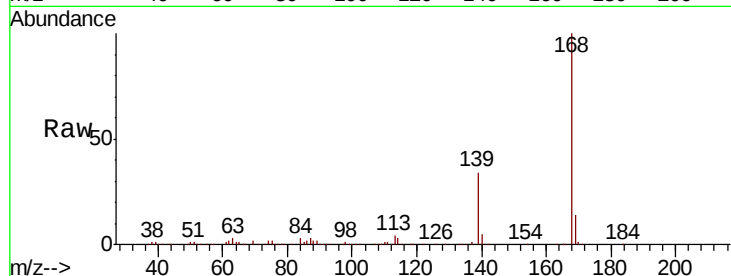
Tot Ion:168 Resp: 440955

Ion Ratio Lower Upper

168 100

139 33.8 27.2 40.8

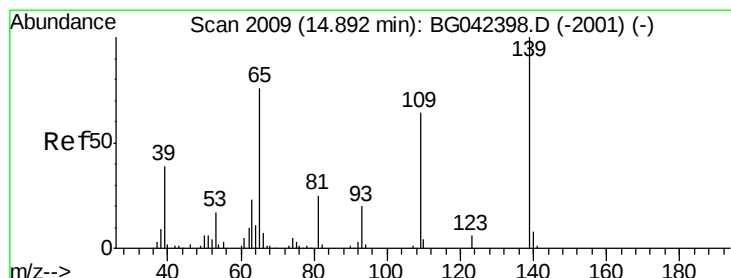
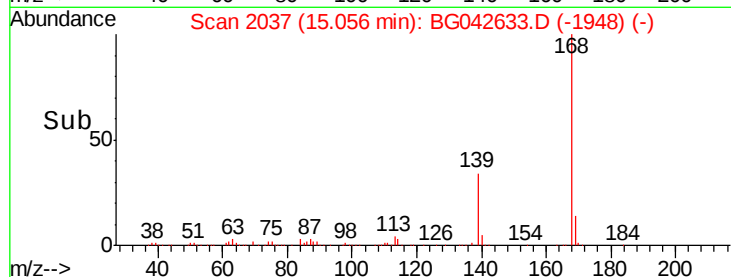
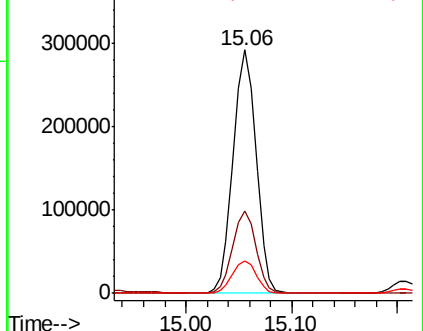
169 13.5 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 101.353 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

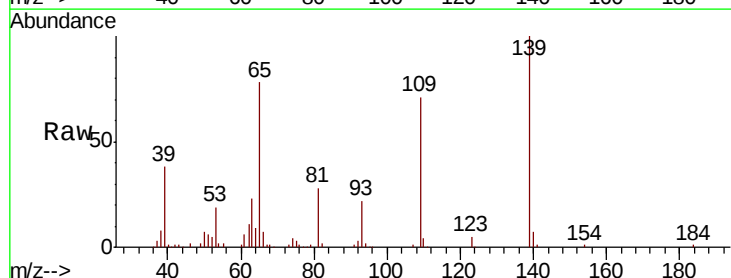
Tgt Ion:139 Resp: 121914

Ion Ratio Lower Upper

139 100

109 70.8 43.9 83.9

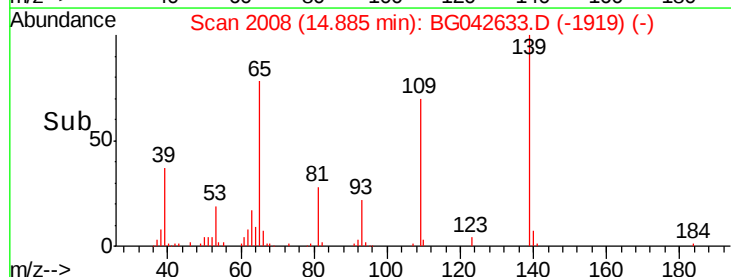
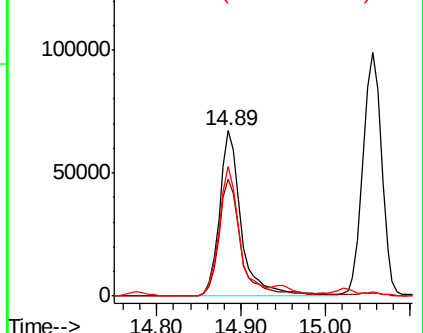
65 78.2 56.3 96.3

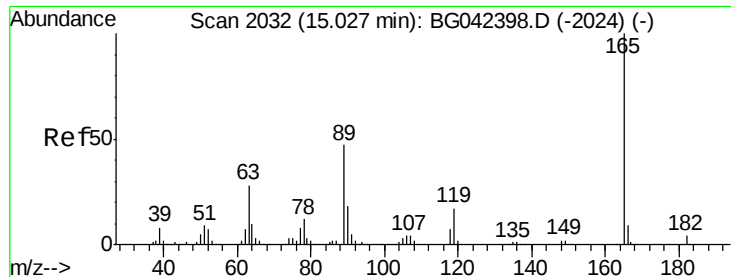


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

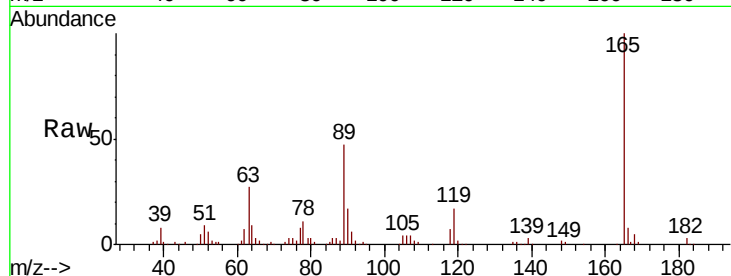




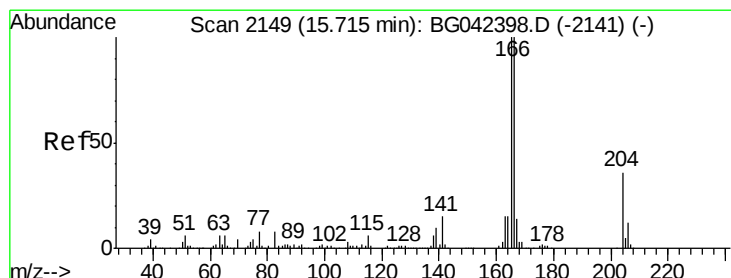
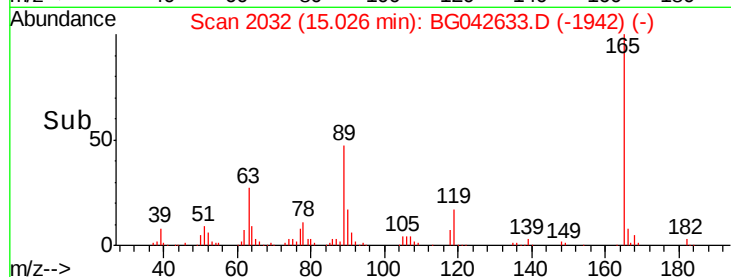
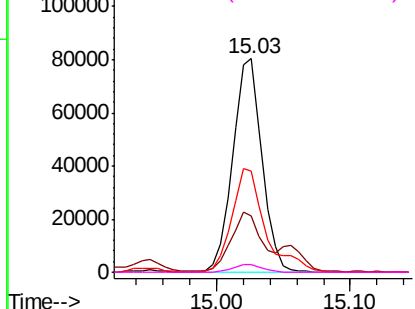
#57
 2,4-Dinitrotoluene
 Concen: 50.370 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	122088
Ion Ratio	Lower	Upper
165	100	
63	26.7	22.5 33.7
89	47.4	37.8 56.6
182	3.5	3.0 4.4

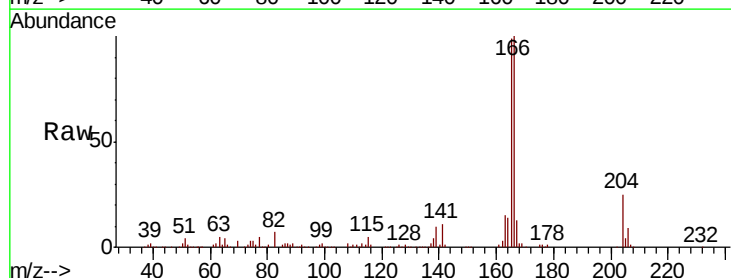


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

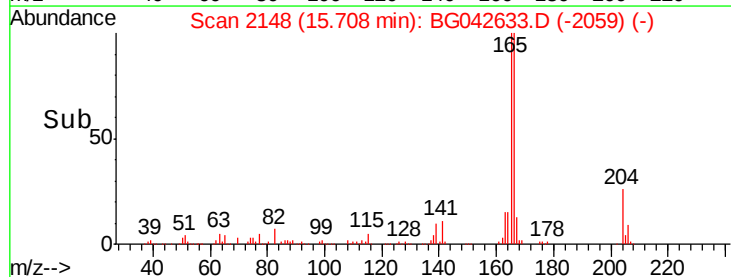
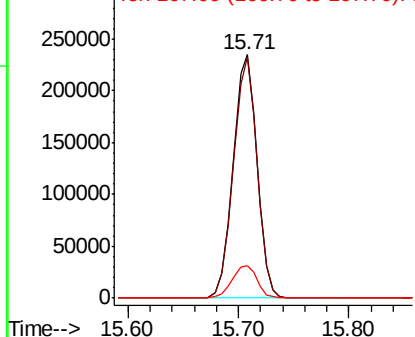


#58
 Fluorene
 Concen: 51.228 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Tgt Ion:166	Resp:	357205
Ion Ratio	Lower	Upper
166	100	
165	99.1	79.7 119.5
167	13.4	10.9 16.3



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

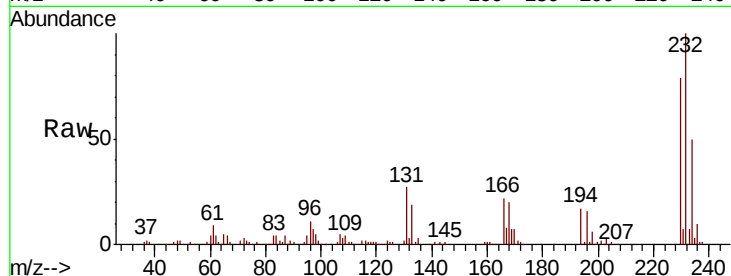




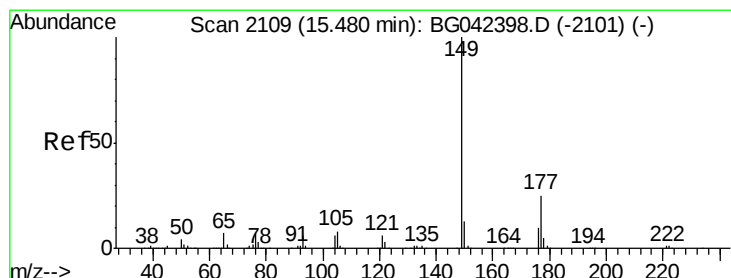
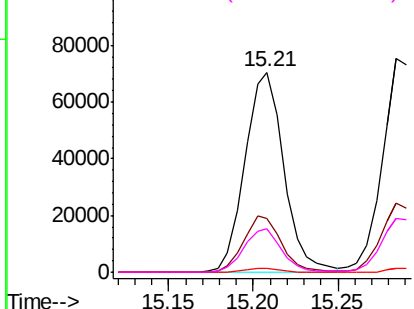
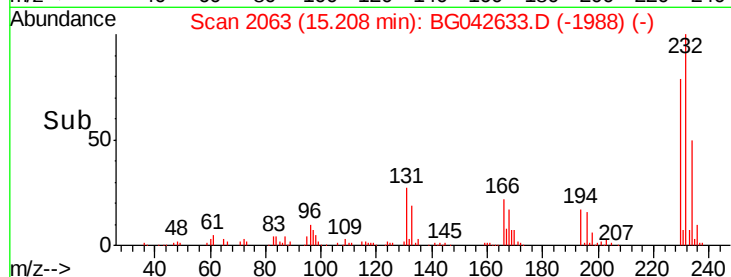
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.279 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232 Resp: 113196
 Ion Ratio Lower Upper
 232 100
 131 27.5 22.9 34.3
 130 1.7 1.4 2.0
 166 21.0 17.0 25.4

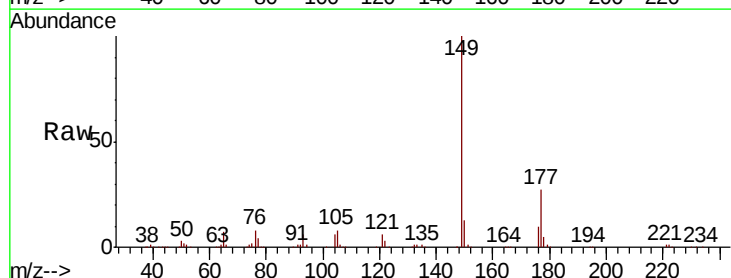


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

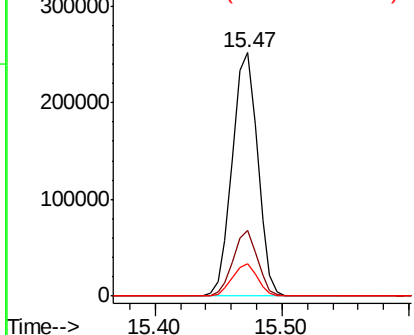
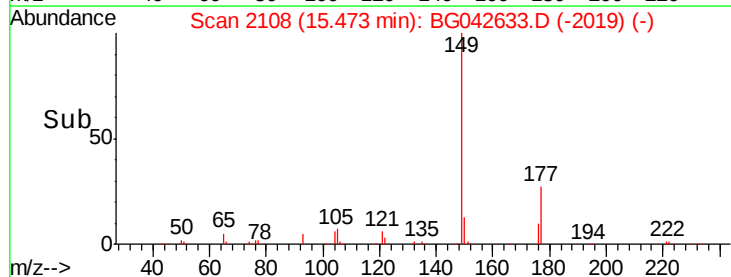


#60
 Diethylphthalate
 Concen: 48.735 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Tgt Ion:149 Resp: 347895
 Ion Ratio Lower Upper
 149 100
 177 27.1 20.4 30.6
 150 13.2 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

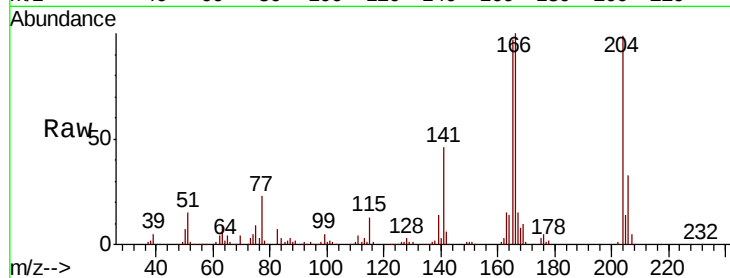




#61
4-Chlorophenyl-phenylether
Concen: 50.664 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.2	40.8
141	46.7	38.7	58.1

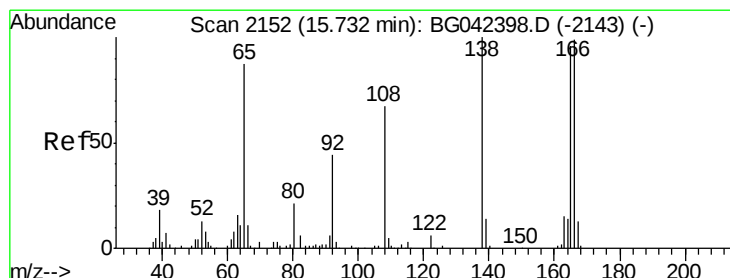
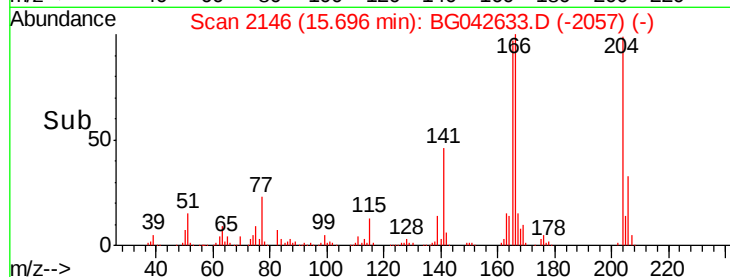
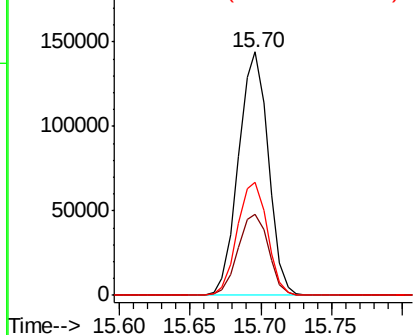


Abundance

Ion 204.00 (203.70 to 204.70): E

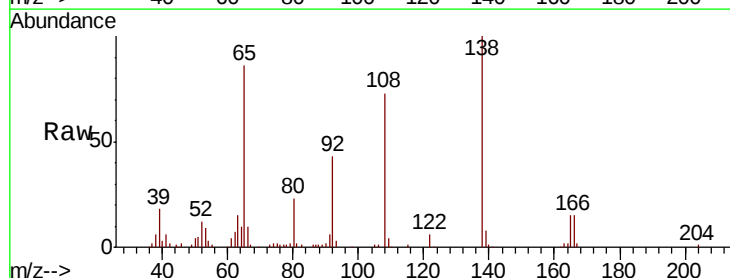
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.197 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.4	24.2	64.2
108	73.3	46.8	86.8

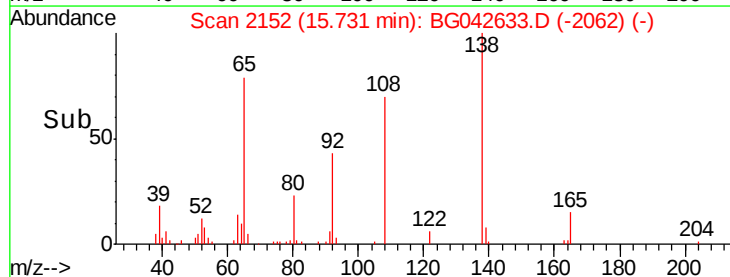
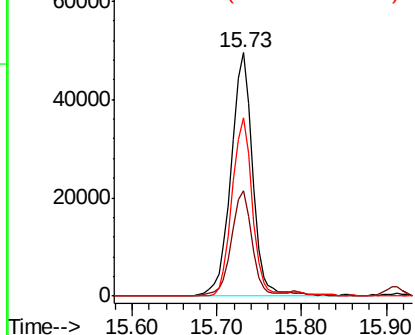


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 48.158 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 235563

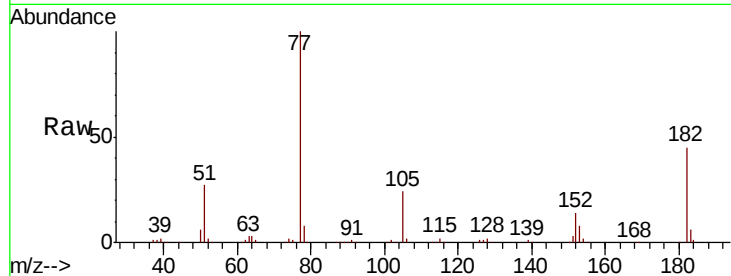
Ion Ratio Lower Upper

77 100

182 44.6 19.9 59.9

105 23.9 2.9 42.9

51 27.2 7.6 47.6

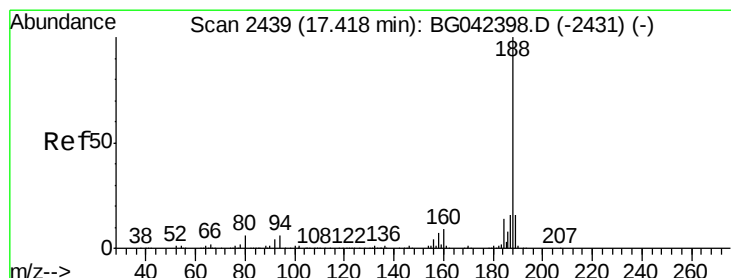
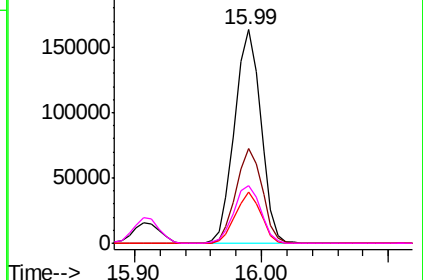
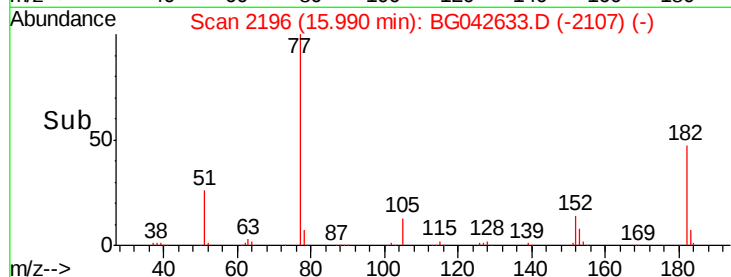


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

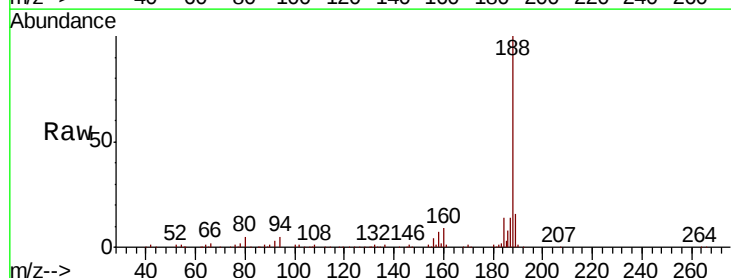
Tgt Ion: 188 Resp: 237885

Ion Ratio Lower Upper

188 100

94 5.2 4.5 6.7

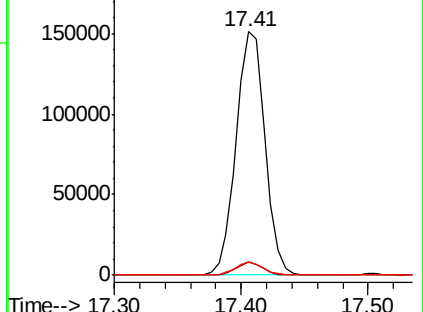
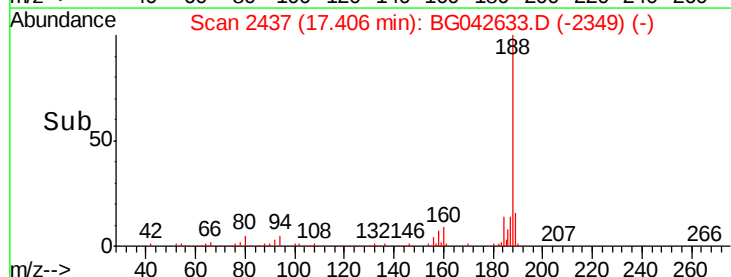
80 5.4 4.9 7.3

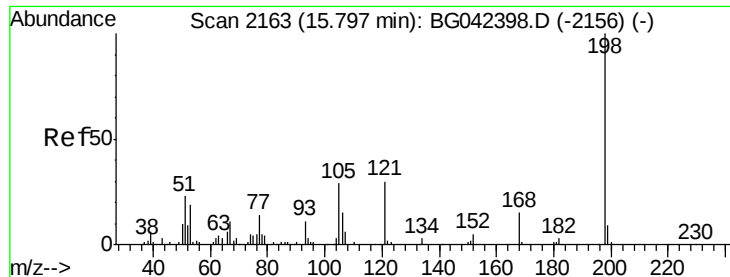


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 54.920 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampleId :

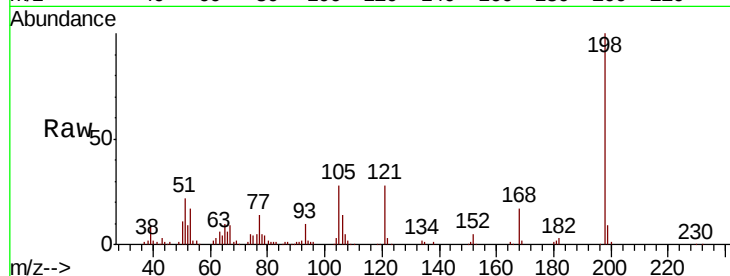
Tot Ion:198 Resp: 81909

Ion Ratio Lower Upper

198 100

51 22.0 4.2 44.2

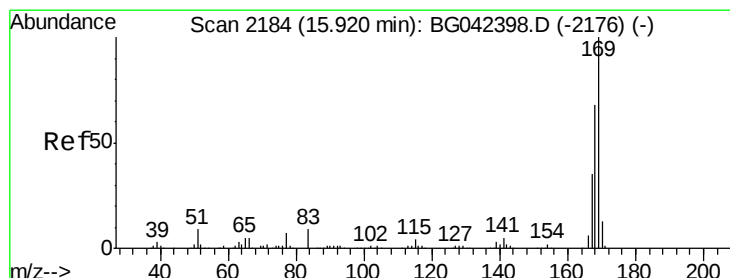
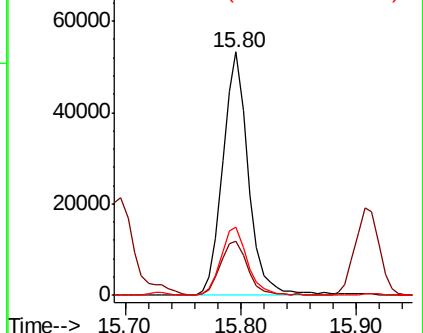
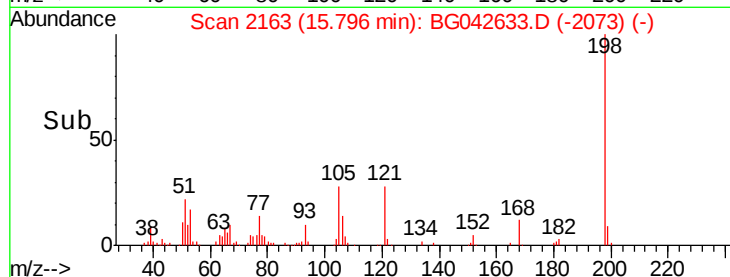
105 27.9 8.8 48.8



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: 50.597 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

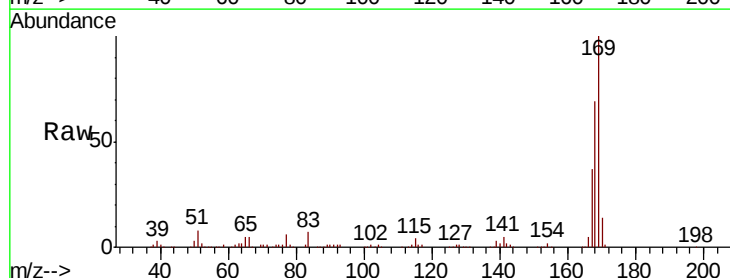
Tgt Ion:169 Resp: 331008

Ion Ratio Lower Upper

169 100

168 69.2 54.3 81.5

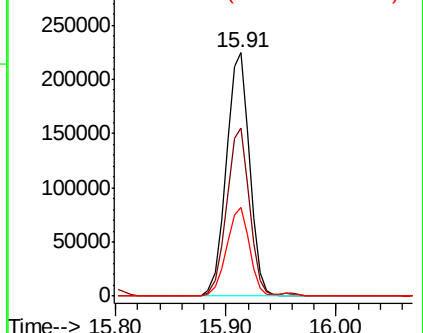
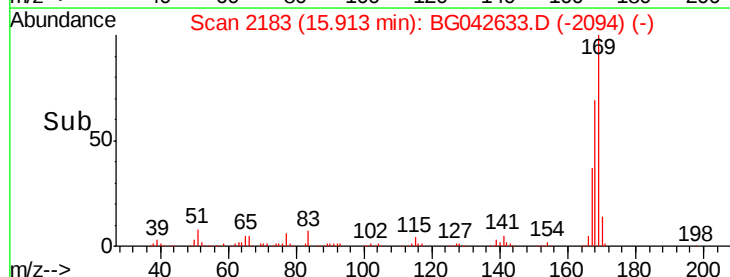
167 36.6 28.2 42.2



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

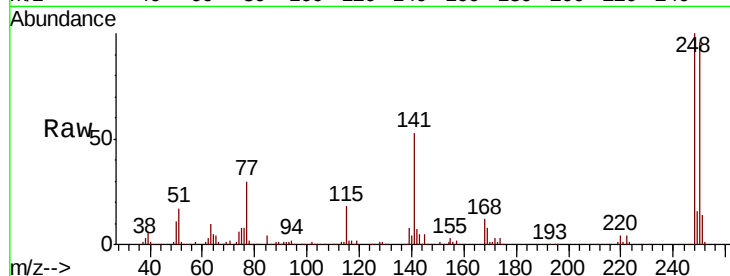




#67
 4-Bromophenyl-phenylether
 Concen: 49.830 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	78.9	118.3
141	53.0	43.3	64.9

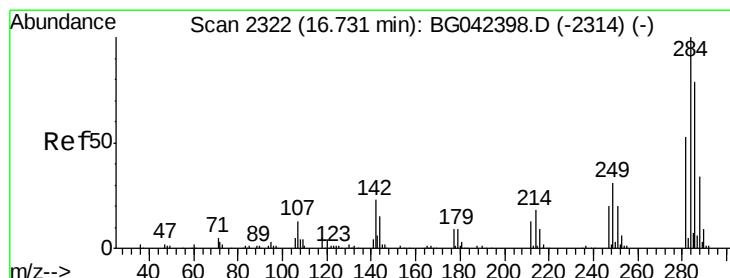
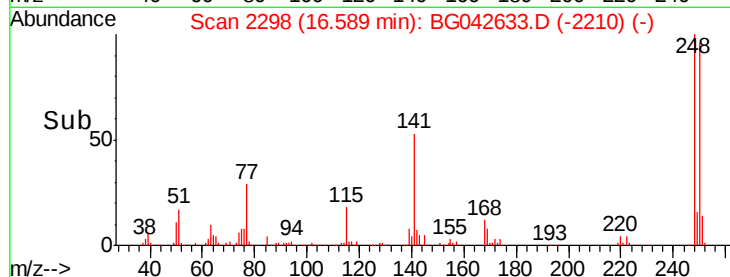
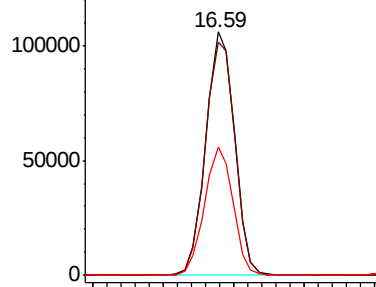


Abundance

Ion 248.00 (247.70 to 248.70): E

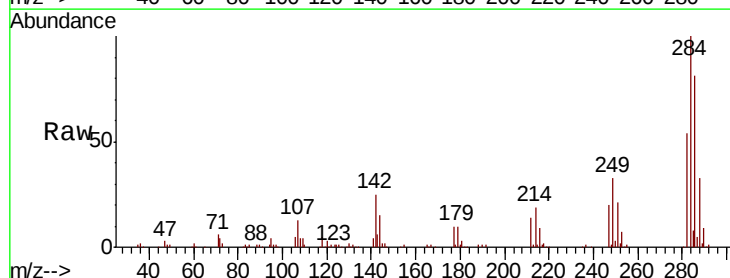
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 48.906 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	18.2	27.4
249	32.7	25.0	37.4

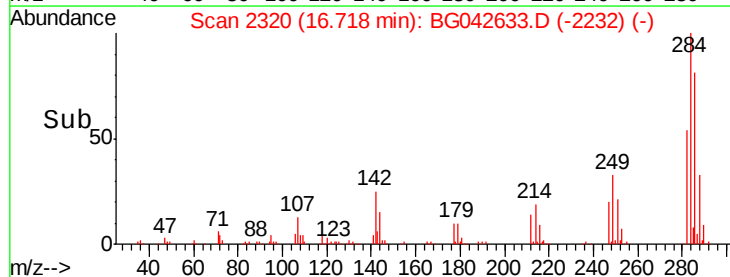
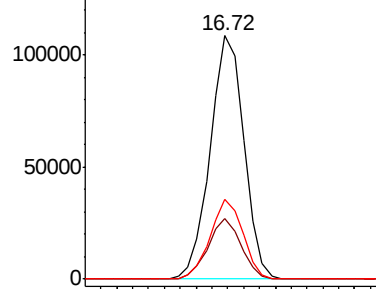


Abundance

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

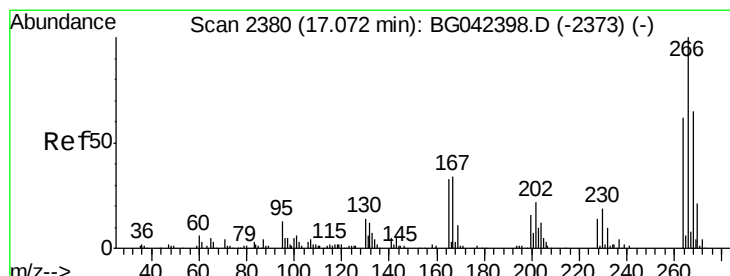
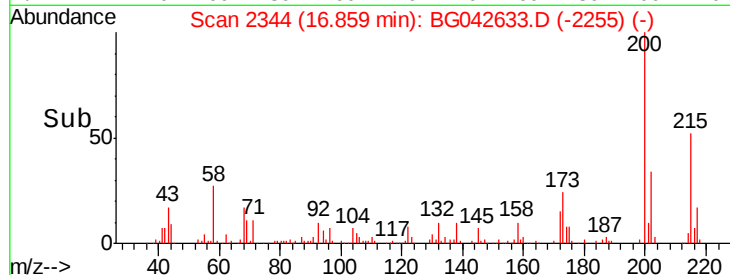
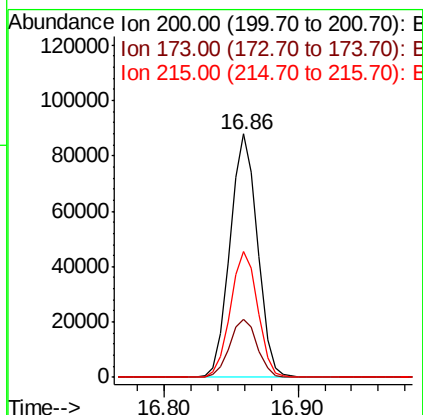
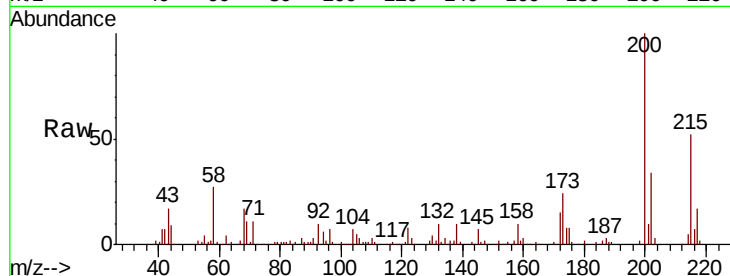




#69
 Atrazine
 Concen: 54.685 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

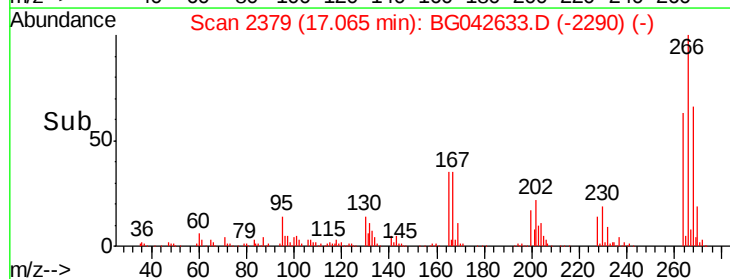
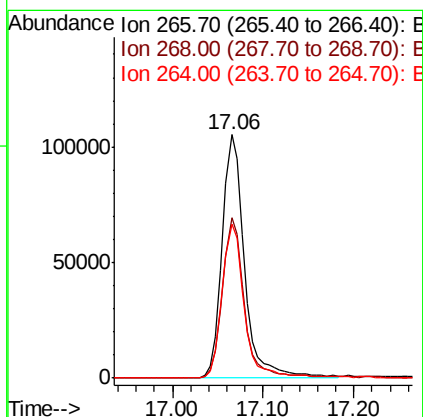
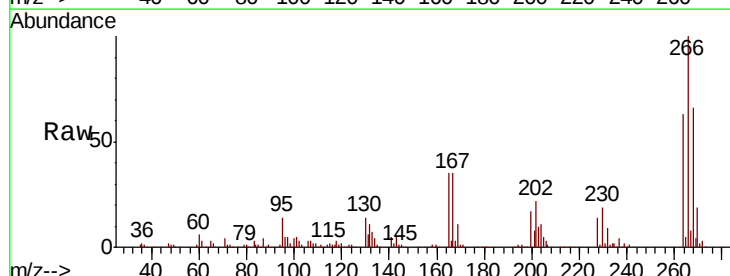
Instrument :
 BNA_G
 ClientSampleId :

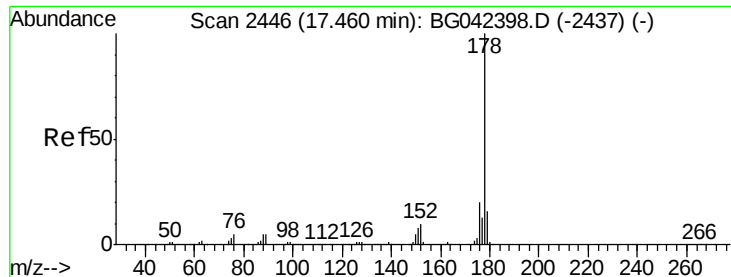
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	4.9	44.9
215	51.6	30.7	70.7



#70
 Pentachlorophenol
 Concen: 105.958 ng
 RT: 17.06 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	52.1	78.1
264	63.3	49.4	74.2

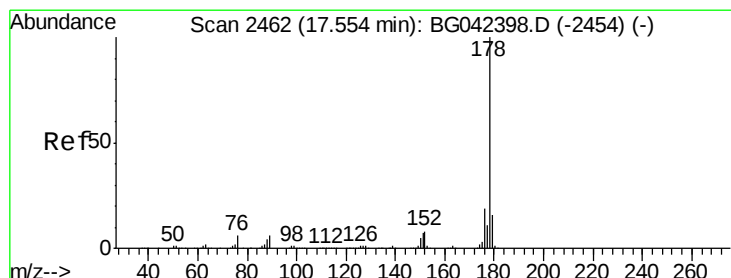
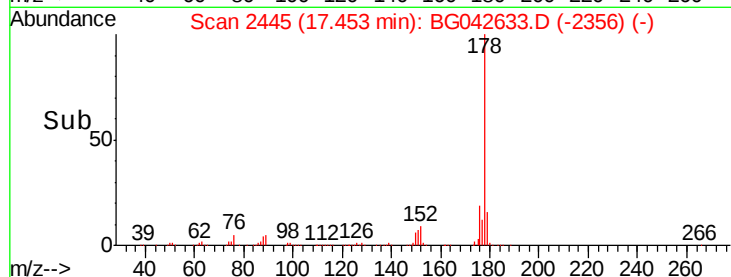
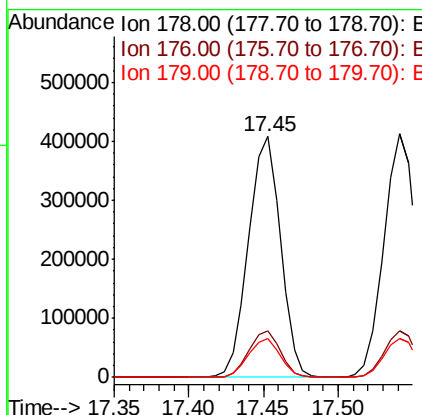
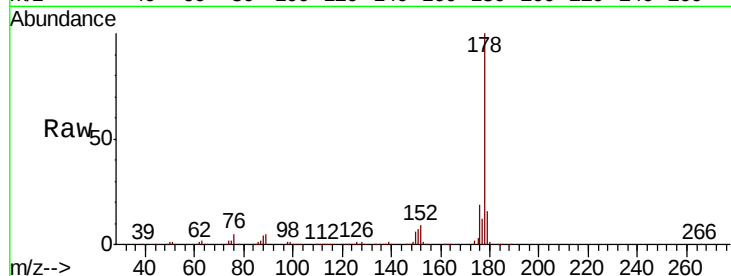




#71
Phenanthrene
Concen: 51.416 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

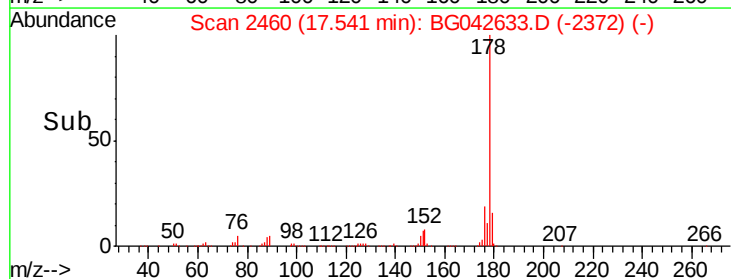
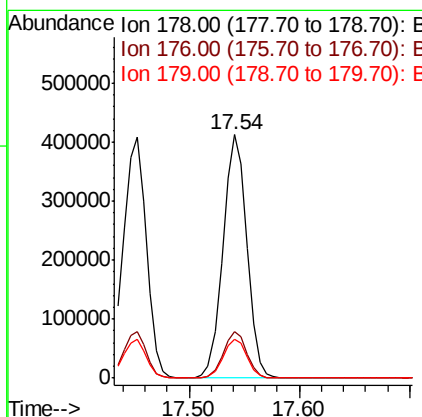
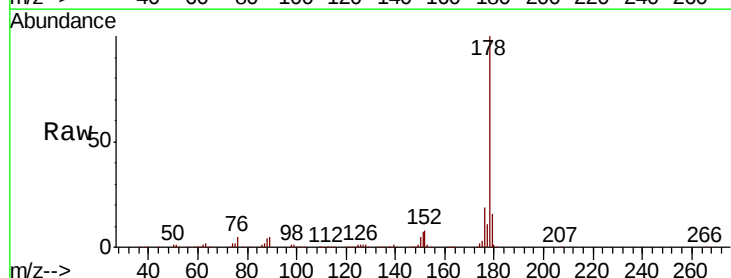
Instrument :
BNA_G
ClientSampleId :

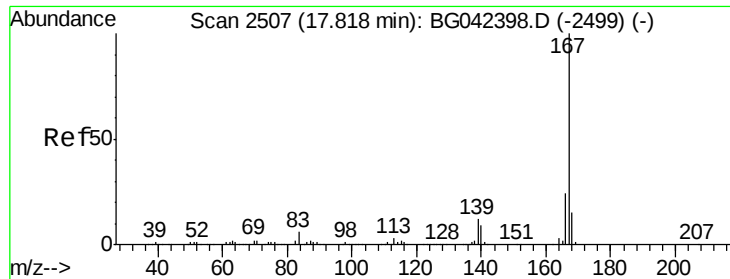
Tot Ion:178 Resp: 607535
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 16.3 12.7 19.1



#72
Anthracene
Concen: 52.783 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Tgt Ion:178 Resp: 622627
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.2 12.9 19.3

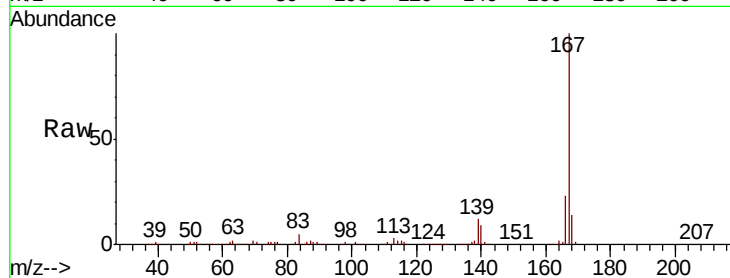




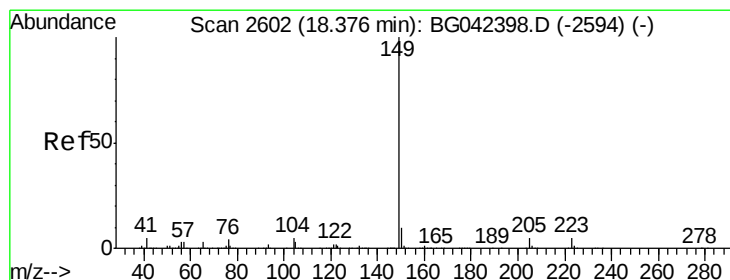
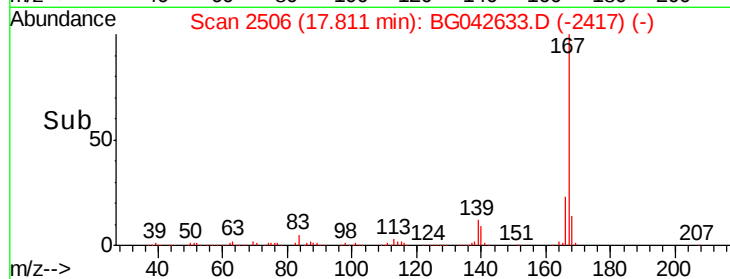
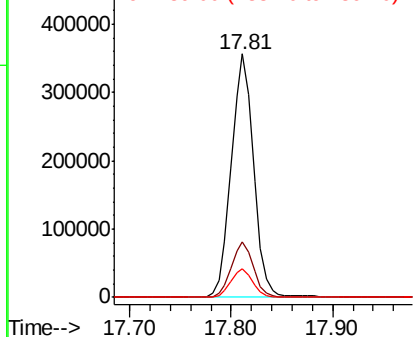
#73
 Carbazole
 Concen: 52.019 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 546884
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.9 28.3
 139 11.9 9.8 14.6

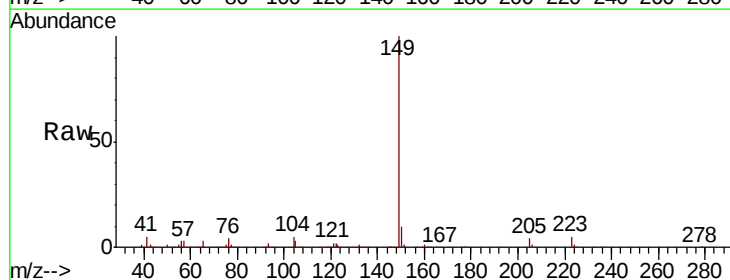


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

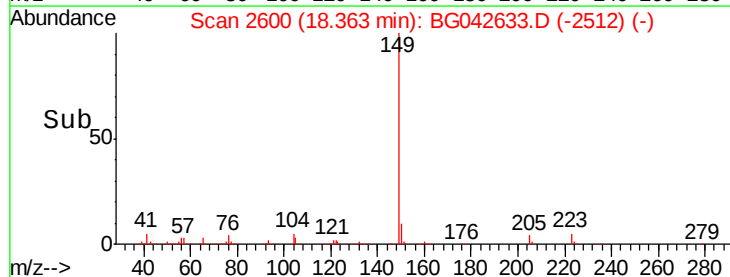
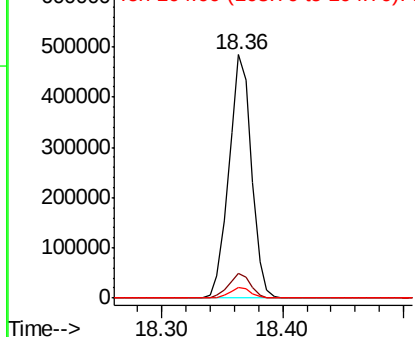


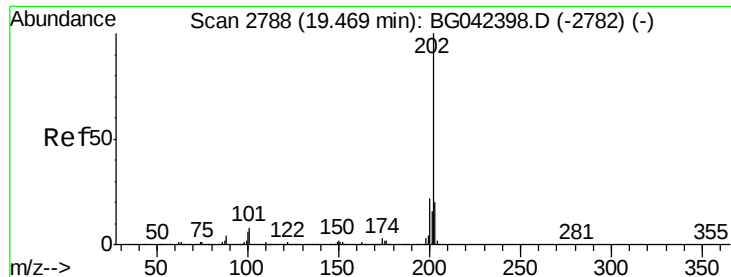
#74
 Di-n-butylphthalate
 Concen: 50.594 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Tgt Ion:149 Resp: 628760
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.1 12.1
 104 4.6 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 55.624 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042633.D

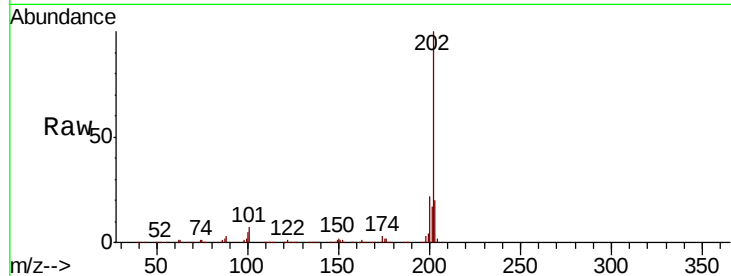
Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampleId :

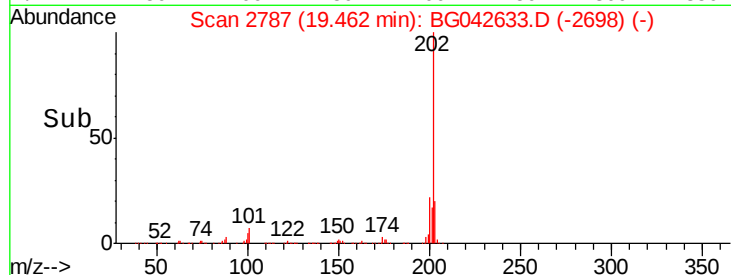
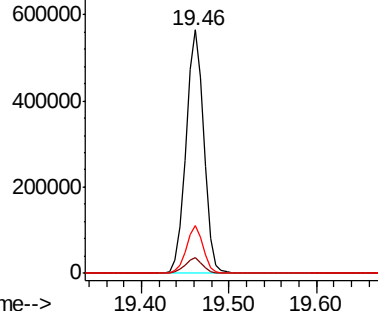
Tot Ion:	202	Resp:	802136
Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	28.3
203	19.5	0.0	39.6



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

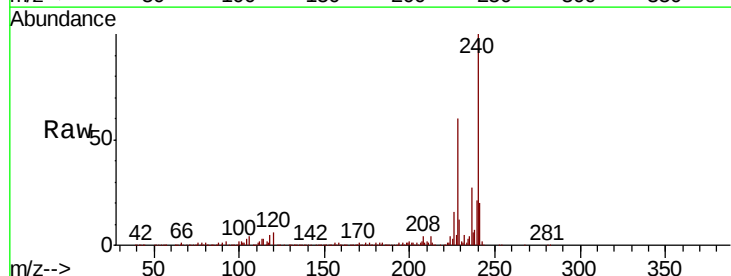
RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

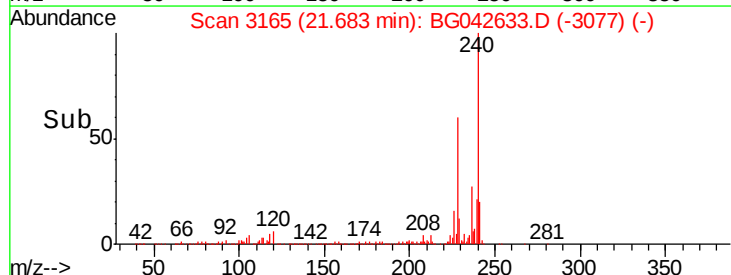
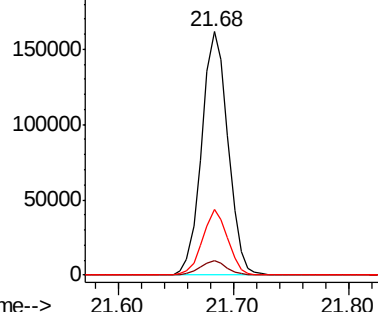
Tgt Ion:	240	Resp:	255114
Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.7	8.5
236	26.8	21.0	31.4



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: 62.323 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampleId :

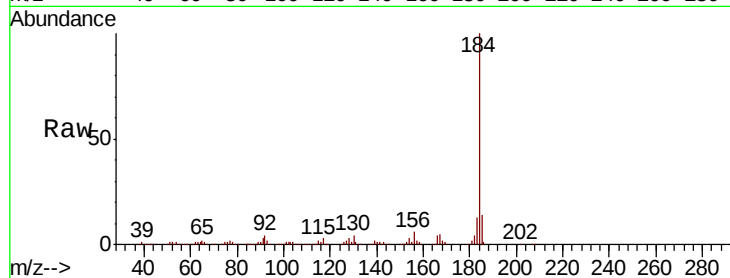
Tot Ion:184 Resp: 455848

Ion Ratio Lower Upper

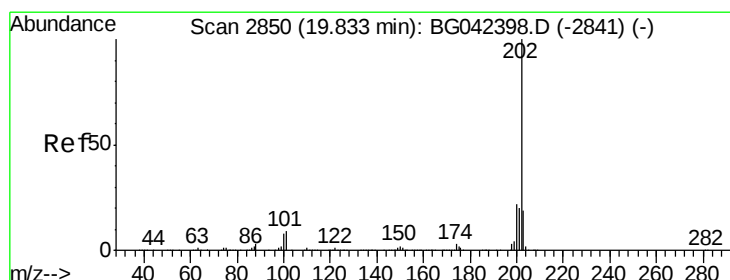
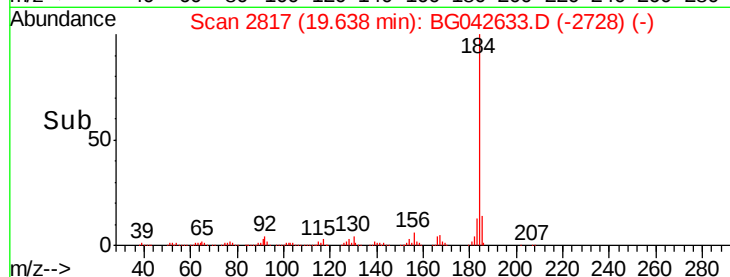
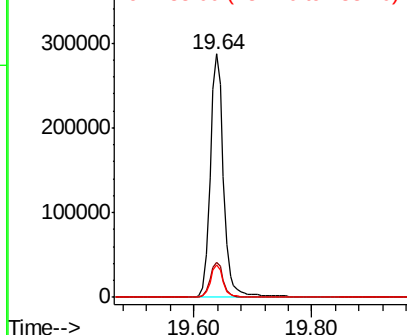
184 100

185 14.2 12.2 18.4

183 13.2 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: 51.650 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

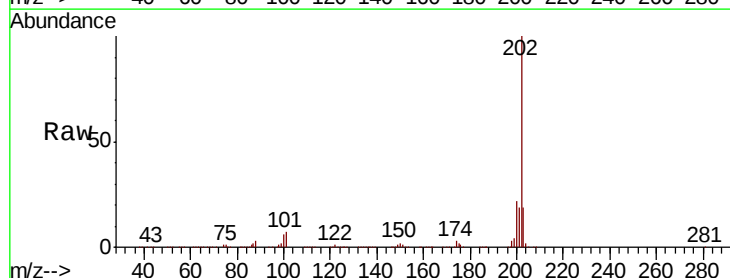
Tgt Ion:202 Resp: 807846

Ion Ratio Lower Upper

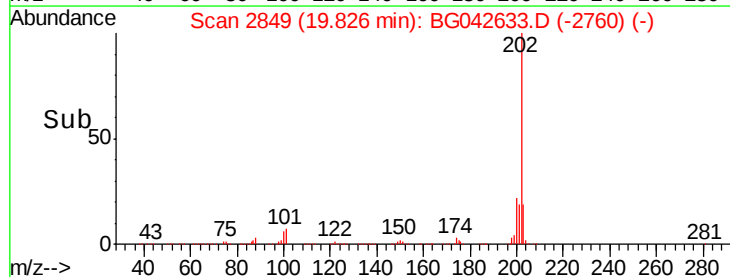
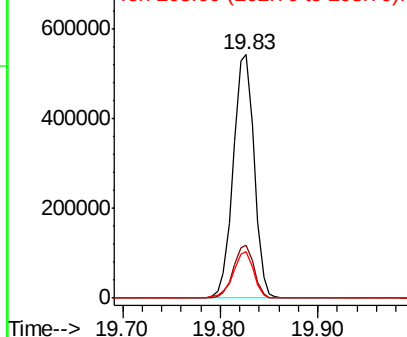
202 100

200 21.7 17.8 26.6

203 19.1 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: 81.443 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampled :

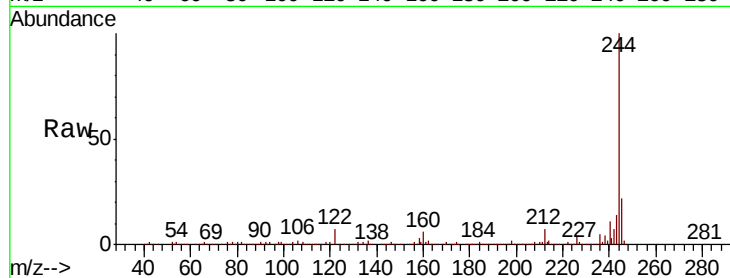
Tot Ion:244 Resp: 961055

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

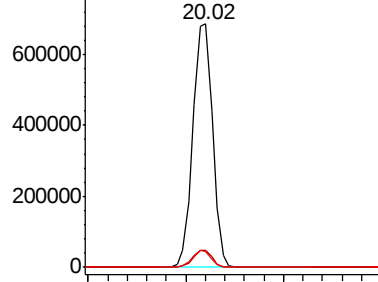
122 6.6 6.7 10.1#



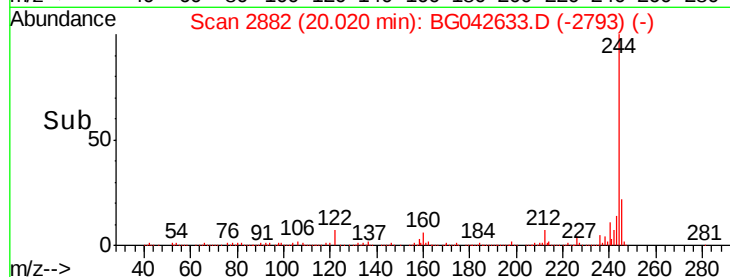
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10



#80

Butylbenzylphthalate

Concen: 47.804 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

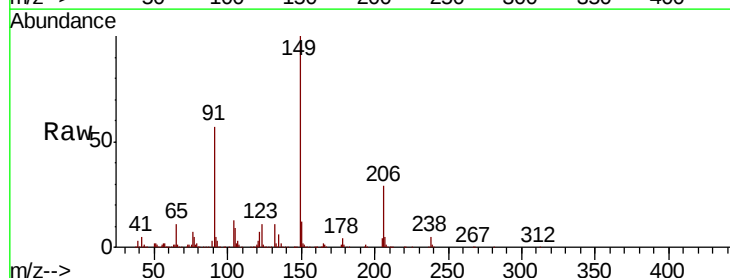
Tgt Ion:149 Resp: 294088

Ion Ratio Lower Upper

149 100

91 57.1 45.9 68.9

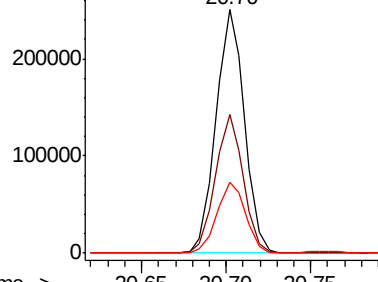
206 29.3 22.5 33.7



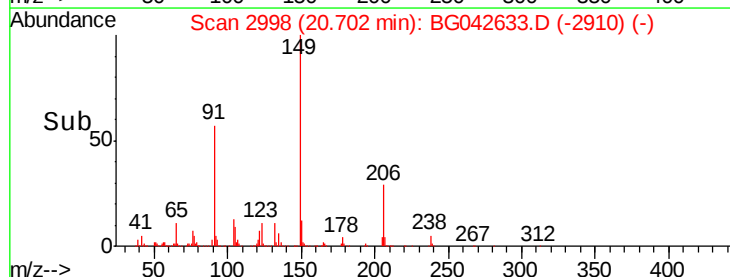
Abundance Ion 149.00 (148.70 to 149.70): E

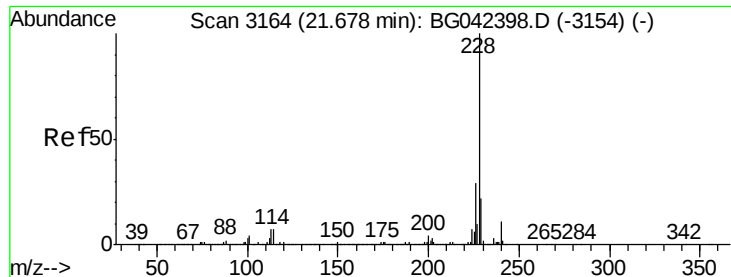
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 51.266 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampleId :

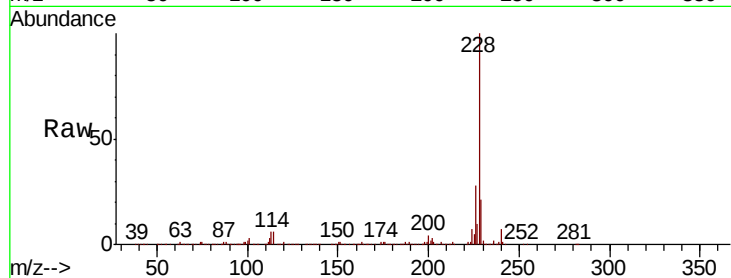
Tot Ion:228 Resp: 795594

Ion Ratio Lower Upper

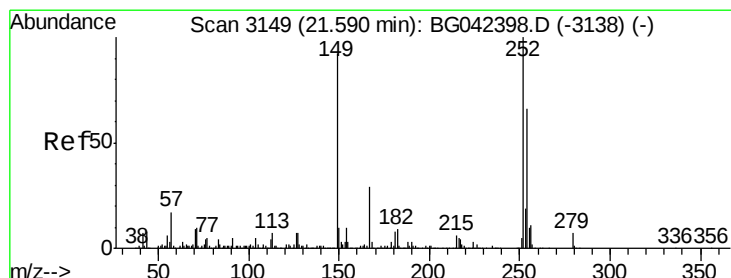
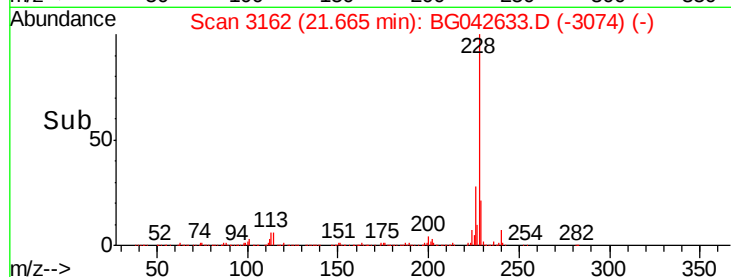
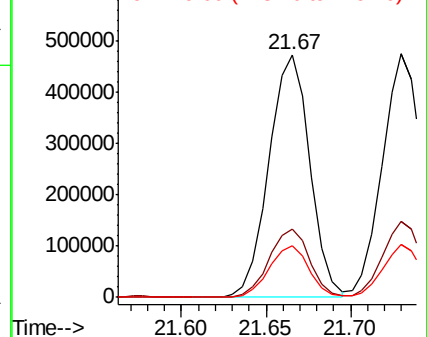
228 100

226 28.1 23.4 35.2

229 21.3 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: 34.386 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

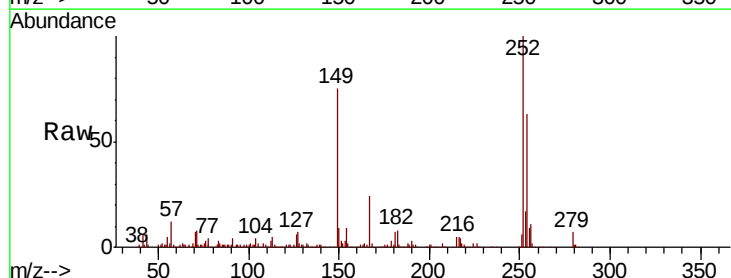
Tgt Ion:252 Resp: 214621

Ion Ratio Lower Upper

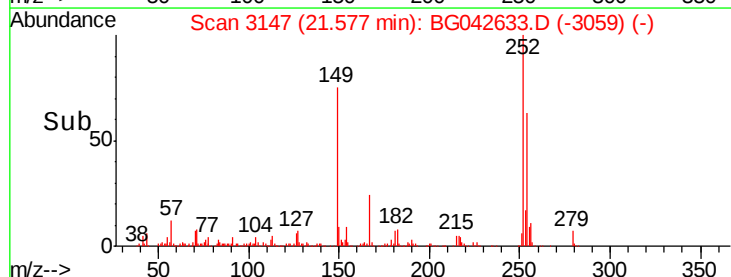
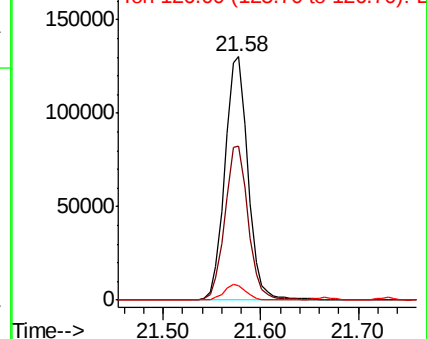
252 100

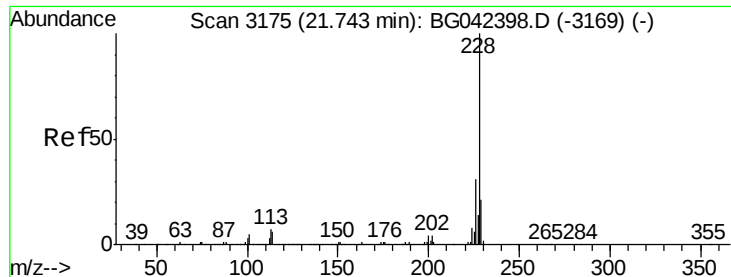
254 63.2 53.0 79.4

126 5.8 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

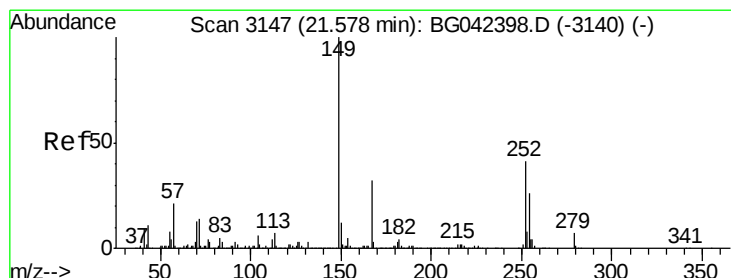
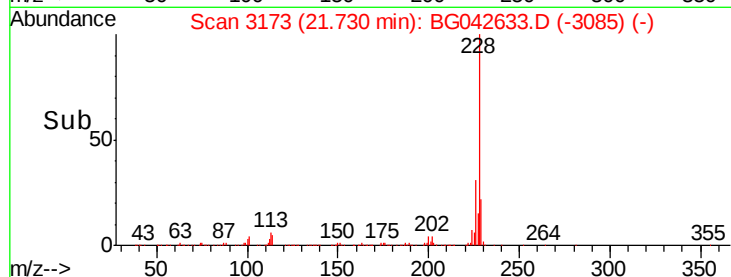
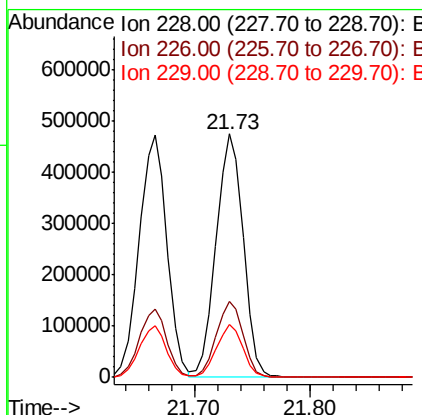
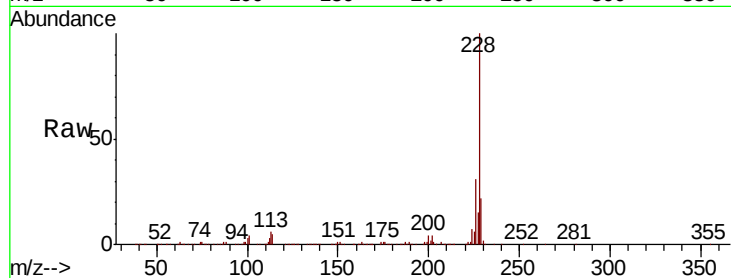




#83
 Chrysene
 Concen: 51.645 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

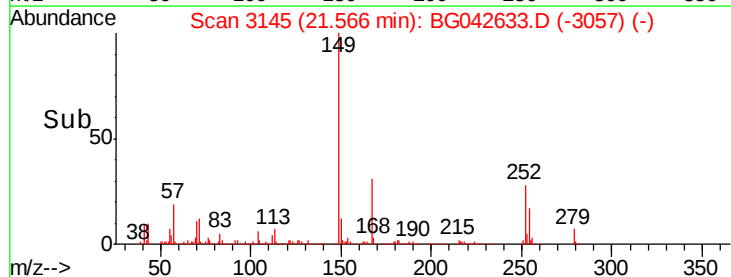
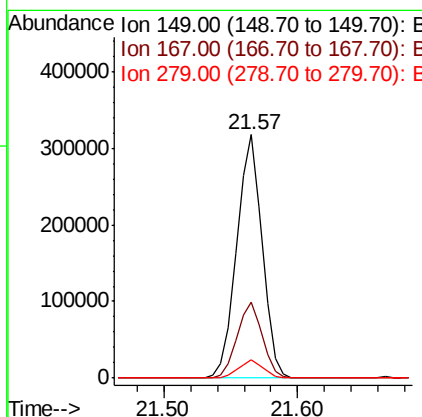
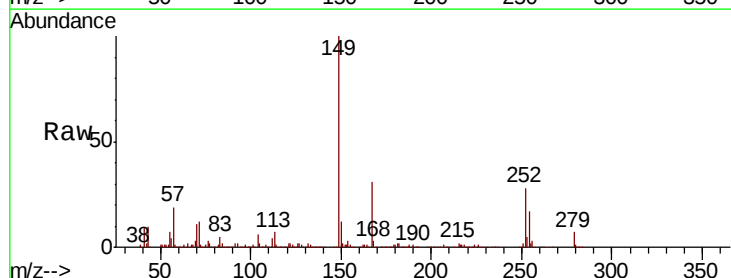
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.5	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.101 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042633.D
 Acq: 31 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.1	26.0	39.0
279	7.4	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 49.514 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Instrument :

BNA_G

ClientSampled :

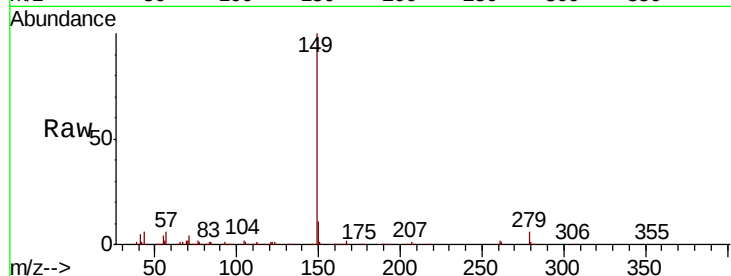
Tot Ion:149 Resp: 727400

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

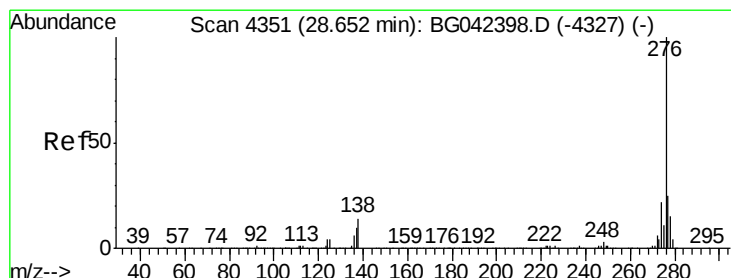
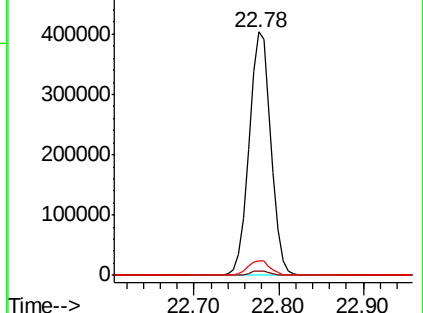
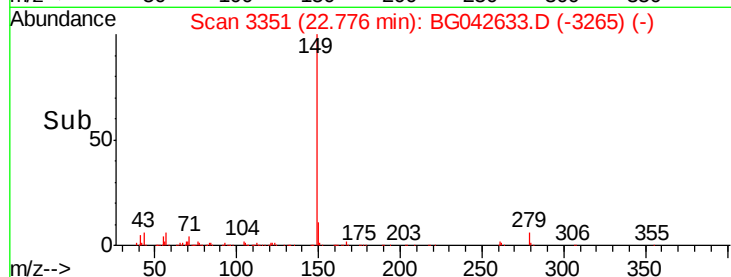
43 6.1 5.3 7.9



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: 50.369 ng

RT: 28.64 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

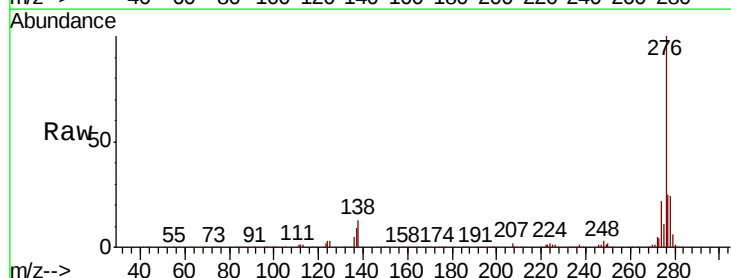
Tgt Ion:276 Resp: 1024484

Ion Ratio Lower Upper

276 100

138 9.4 9.2 13.8

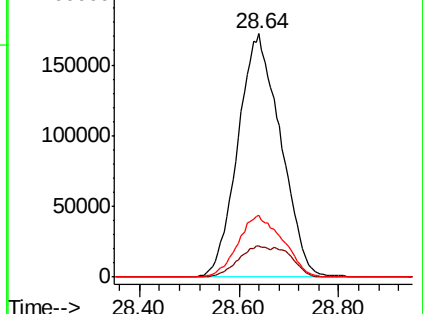
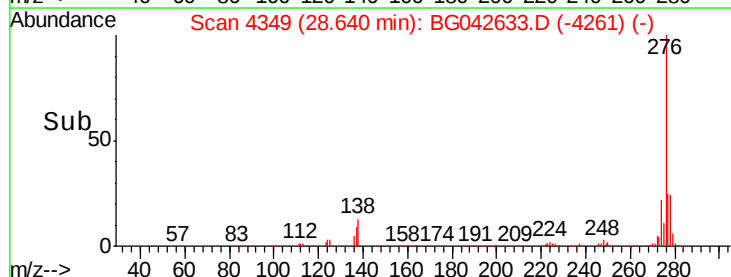
277 26.6 21.0 31.6

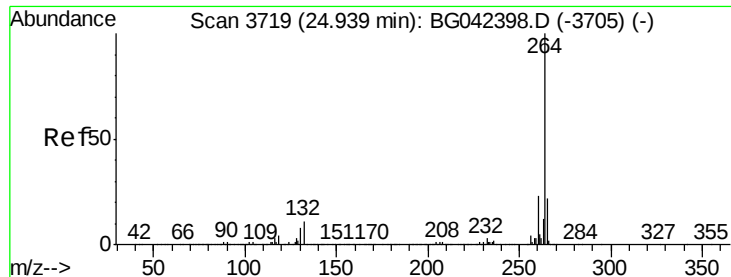


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

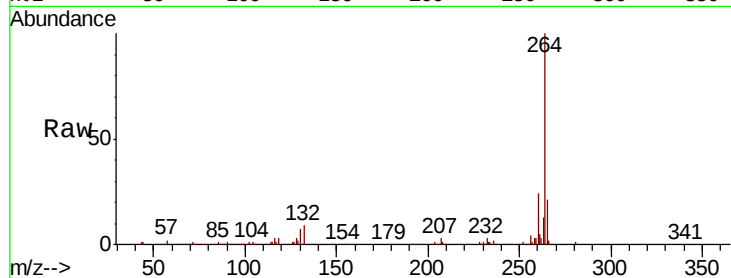
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 307927

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.5	17.6	26.4

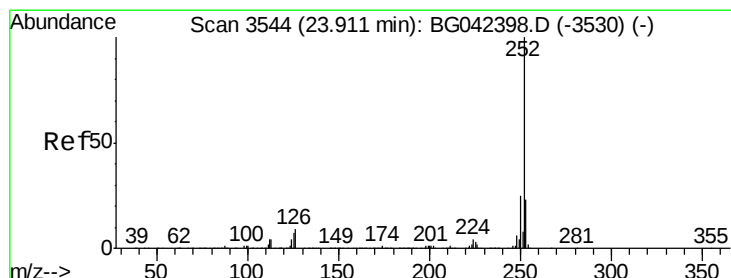
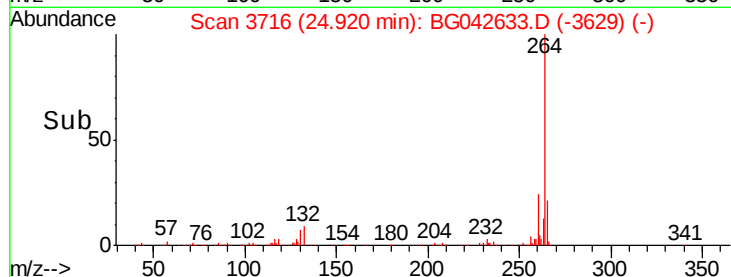
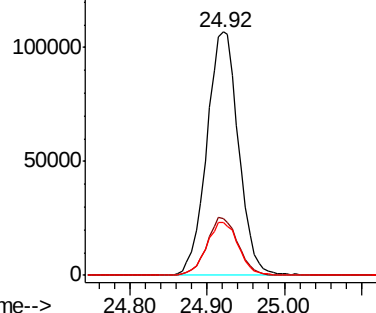


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.990 ng

RT: 23.90 min Scan# 3542

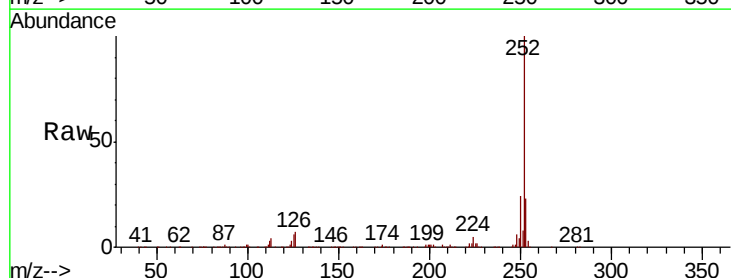
Delta R.T. -0.01 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Tgt Ion:252 Resp: 863198

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	27.8
125	6.1	5.6	8.4

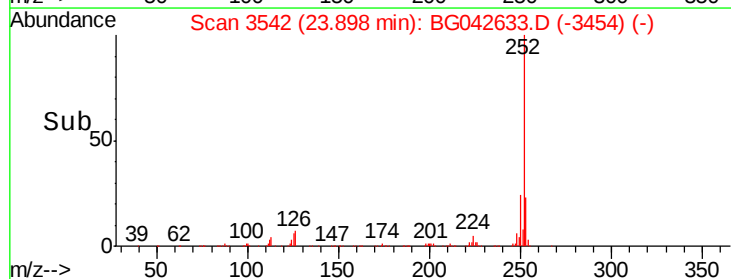
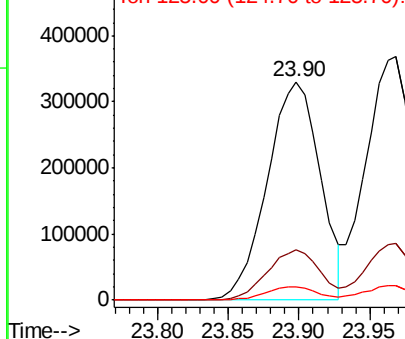


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

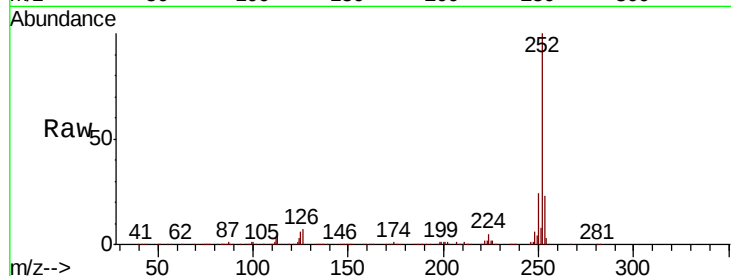




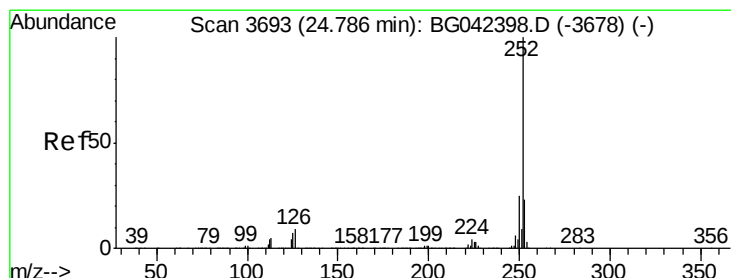
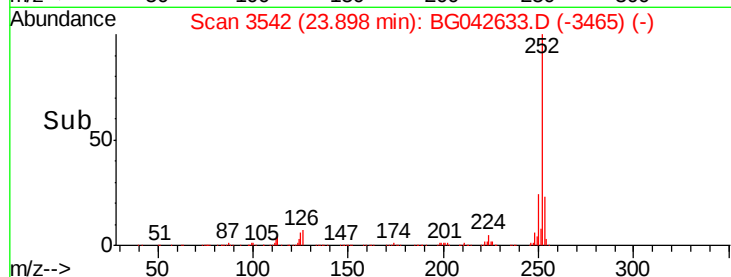
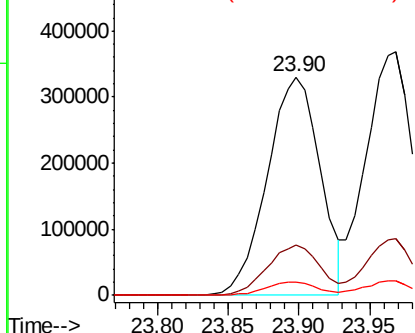
#89
Benzo(k)fluoranthene
Concen: 53.048 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.08 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 863198
Ion Ratio Lower Upper
252 100
253 23.2 18.6 27.8
125 6.1 5.8 8.6

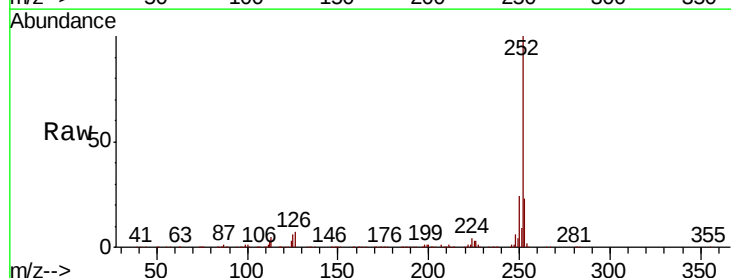


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

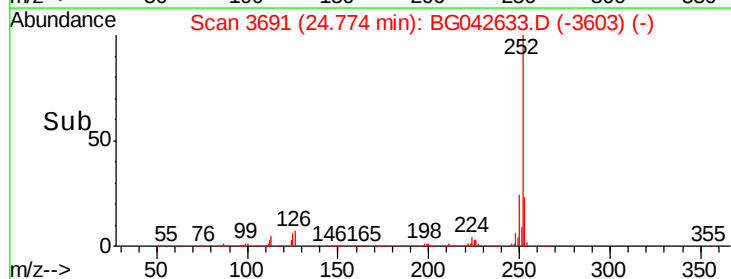
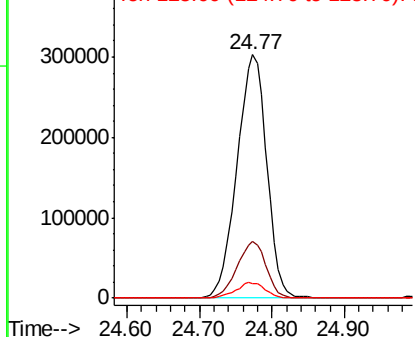


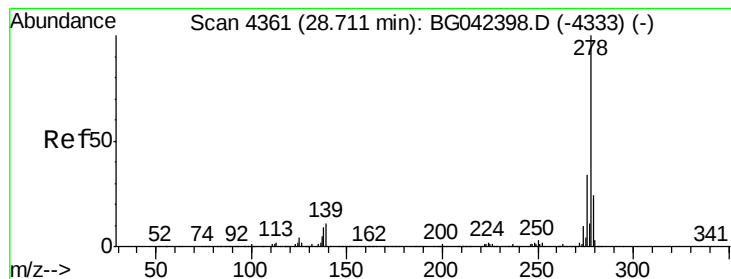
#90
Benzo(a)pyrene
Concen: 53.731 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042633.D
Acq: 31 Aug 2019 13:56

Tgt Ion:252 Resp: 863132
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 6.1 6.0 9.0



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





#91

Dibenzo(a,h)anthracene

Concen: 52.242 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

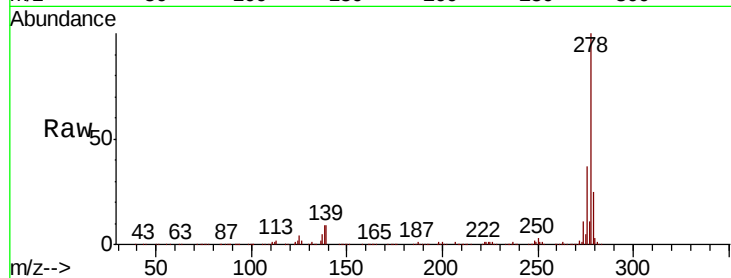
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 849709

Ion	Ratio	Lower	Upper
278	100		
139	9.2	8.8	13.2
279	24.6	19.1	28.7

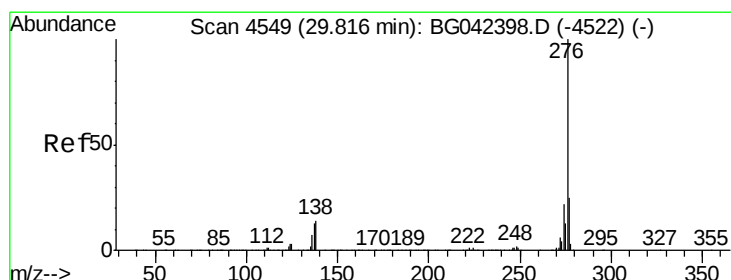
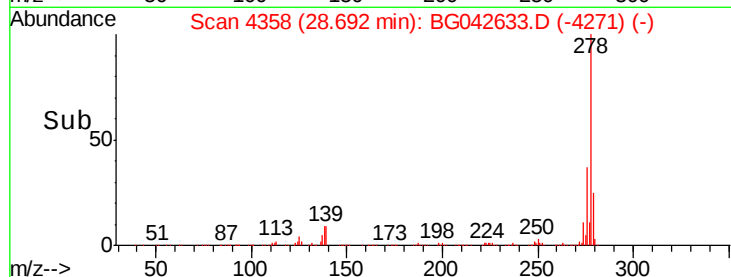
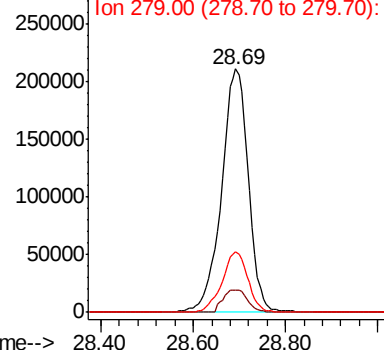


Abundance

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: 53.102 ng

RT: 29.80 min Scan# 4546

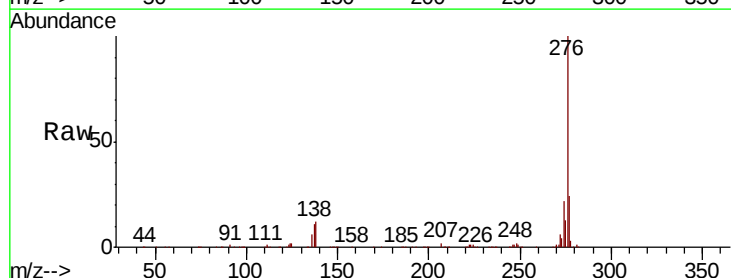
Delta R.T. -0.02 min

Lab File: BG042633.D

Acq: 31 Aug 2019 13:56

Tgt Ion:276 Resp: 863822

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	12.0	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

