

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043788.D
 Acq On : 9 Dec 2019 12:51
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 09 15:32:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 15:25:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	113234	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	509112	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	354592	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	808272	20.00	ng	0.00
76) Chrysene-d12	21.63	240	693626	20.00	ng	0.00
87) Perylene-d12	24.79	264	784737	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	129031	20.49	ng	0.00
7) Phenol-d6	7.15	99	189688	20.72	ng	0.00
23) Nitrobenzene-d5	9.15	82	181766	19.63	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	62586	14.63	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	509744	23.63	ng	0.00
79) Terphenyl-d14	19.99	244	870880	28.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	31453	11.262	ng	97
3) Pyridine	3.88	79	87546	11.133	ng	97
4) n-Nitrosodimethylamine	3.79	42	38496	9.855	ng	# 96
6) Aniline	7.32	93	125942	10.555	ng	97
8) 2-Chlorophenol	7.57	128	76409	10.636	ng	98
9) Benzaldehyde	7.14	77	66840	12.221	ng	90
10) Phenol	7.18	94	97965	10.422	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	84962	10.831	ng	99
12) 1,3-Dichlorobenzene	7.89	146	95155	11.252	ng	95
13) 1,4-Dichlorobenzene	8.04	146	97907	11.430	ng	95
14) 1,2-Dichlorobenzene	8.36	146	93372	11.521	ng	97
15) Benzyl Alcohol	8.23	79	71477	9.346	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	137916	10.223	ng	96
17) 2-Methylphenol	8.43	107	67793	10.088	ng	97
18) Hexachloroethane	9.09	117	33454	10.346	ng	89
19) n-Nitroso-di-n-propylamine	8.80	70	72873	10.121	ng	94
20) 3+4-Methylphenols	8.76	107	91364	9.745	ng	94
22) Acetophenone	8.82	105	139418	10.332	ng	# 96
24) Nitrobenzene	9.19	77	94234	9.901	ng	93
25) Isophorone	9.72	82	189015	9.520	ng	99
26) 2-Nitrophenol	9.91	139	22695	6.609	ng	93
27) 2,4-Dimethylphenol	9.97	122	62046	9.202	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	124609	10.183	ng	96
29) 2,4-Dichlorophenol	10.44	162	73009	8.907	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	100374	10.450	ng	95
31) Naphthalene	10.86	128	273768	10.840	ng	98
32) Benzoic acid	10.04	122	16974	3.491	ng	91
33) 4-Chloroaniline	10.95	127	123173	10.123	ng	99
34) Hexachlorobutadiene	11.16	225	57567	9.114	ng	95
35) Caprolactam	11.69	113	29368	8.811	ng	96
36) 4-Chloro-3-methylphenol	12.07	107	82785	8.987	ng	99
37) 2-Methylnaphthalene	12.46	142	207821	10.920	ng	97
38) 1-Methylnaphthalene	12.68	142	199673	11.055	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	113926	10.097	ng	99

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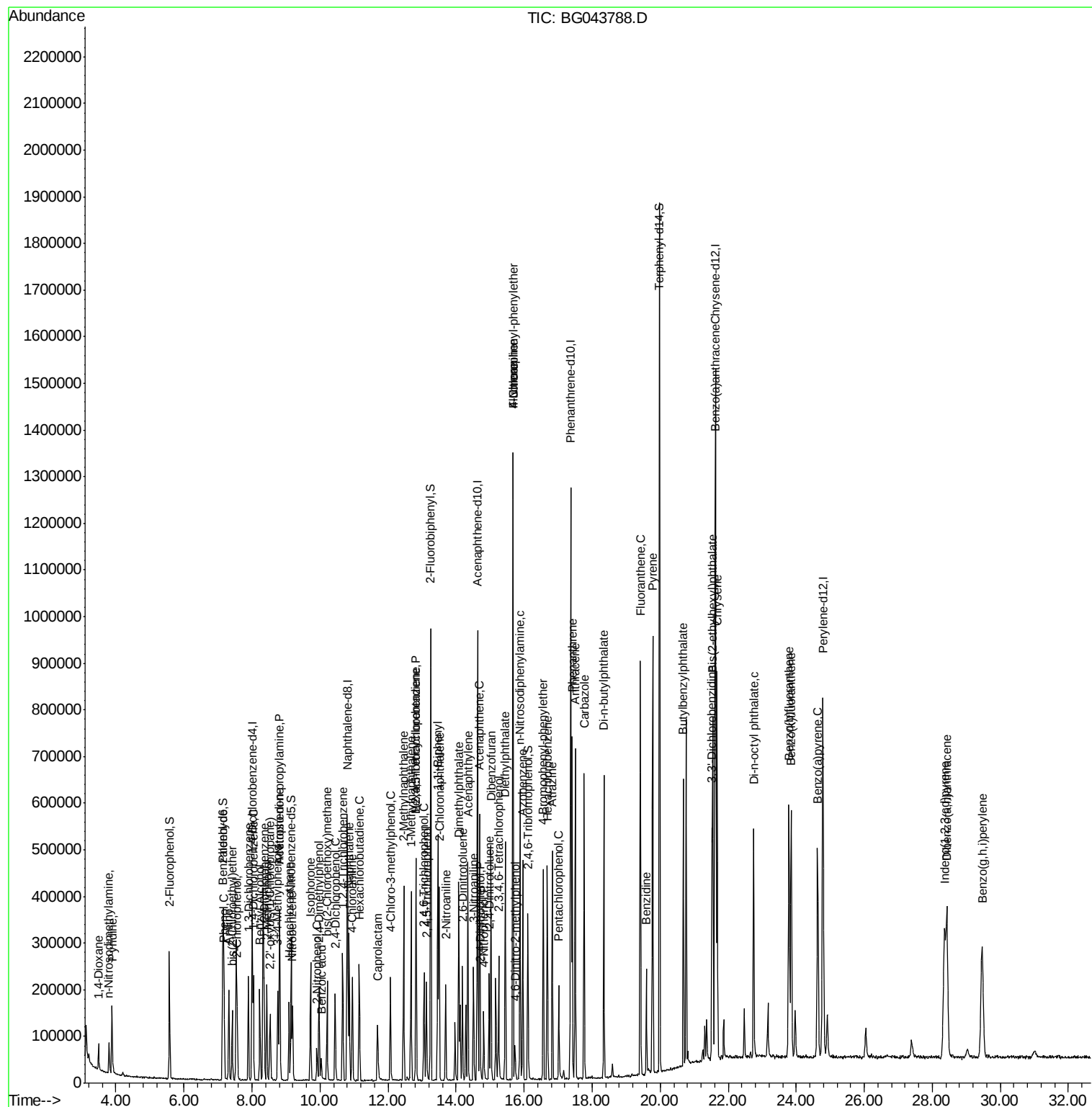
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	44463	7.294	ng	93
43) 2,4,6-Trichlorophenol	13.06	196	61158	8.428	ng	97
44) 2,4,5-Trichlorophenol	13.13	196	65462	8.671	ng	99
46) 1,1'-Biphenyl	13.46	154	282188	11.481	ng	95
47) 2-Chloronaphthalene	13.51	162	225444	11.247	ng	98
48) 2-Nitroaniline	13.69	65	48375	8.244	ng	98
49) Acenaphthylene	14.35	152	352287	11.171	ng	96
50) Dimethylphthalate	14.08	163	293559	10.451	ng	97
51) 2,6-Dinitrotoluene	14.19	165	49032	9.400	ng #	85
52) Acenaphthene	14.69	154	215538	10.687	ng	97
53) 3-Nitroaniline	14.52	138	59299	9.732	ng	98
54) 2,4-Dinitrophenol	14.72	184	11606	5.446	ng #	23
55) Dibenzofuran	15.03	168	350528	11.157	ng	95
56) 4-Nitrophenol	14.82	139	37124	7.234	ng	94
57) 2,4-Dinitrotoluene	14.97	165	63069	8.718	ng	96
58) Fluorene	15.67	166	280095	10.871	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	60065	7.922	ng #	89
60) Diethylphthalate	15.44	149	298202	10.111	ng	95
61) 4-Chlorophenyl-phenylether	15.67	204	150568	10.614	ng	98
62) 4-Nitroaniline	15.67	138	67241	9.624	ng	97
63) Azobenzene	15.96	77	275884	10.435	ng	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	17839	6.504	ng	96
66) n-Nitrosodiphenylamine	15.88	169	251530	11.754	ng	97
67) 4-Bromophenyl-phenylether	16.56	248	89747	10.529	ng	98
68) Hexachlorobenzene	16.68	284	99304	10.657	ng	99
69) Atrazine	16.82	200	86594	10.097	ng	98
70) Pentachlorophenol	17.02	266	40767	7.170	ng	94
71) Phenanthrene	17.41	178	471130	11.780	ng	94
72) Anthracene	17.50	178	459090	11.363	ng	95
73) Carbazole	17.77	167	434976	10.867	ng	96
74) Di-n-butylphthalate	18.34	149	489955	9.564	ng #	95
75) Fluoranthene	19.42	202	562567	9.806	ng	94
77) Benzidine	19.59	184	131989	6.514	ng	97
78) Pyrene	19.78	202	583253	13.029	ng	93
80) Butylbenzylphthalate	20.68	149	177578	8.708	ng	96
81) Benzo(a)anthracene	21.61	228	538302	11.609	ng	93
82) 3,3'-Dichlorobenzidine	21.52	252	173355	9.969	ng	99
83) Chrysene	21.67	228	503591	11.477	ng	93
84) Bis(2-ethylhexyl)phthalate	21.55	149	292472	10.193	ng	97
85) Di-n-octyl phthalate	22.75	149	444846	9.558	ng	99
86) Indeno(1,2,3-cd)pyrene	28.35	276	562618	11.023	ng	98
88) Benzo(b)fluoranthene	23.79	252	502325	10.721	ng	95
89) Benzo(k)fluoranthene	23.85	252	501062	11.143	ng	99
90) Benzo(a)pyrene	24.63	252	475791	10.799	ng	96
91) Dibenzo(a,h)anthracene	28.42	278	461447	10.798	ng	99
92) Benzo(g,h,i)perylene	29.47	276	453254	10.755	ng	97

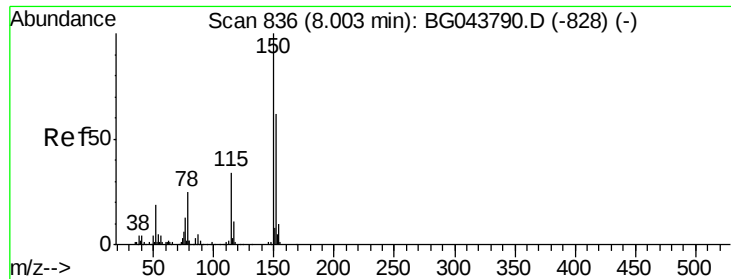
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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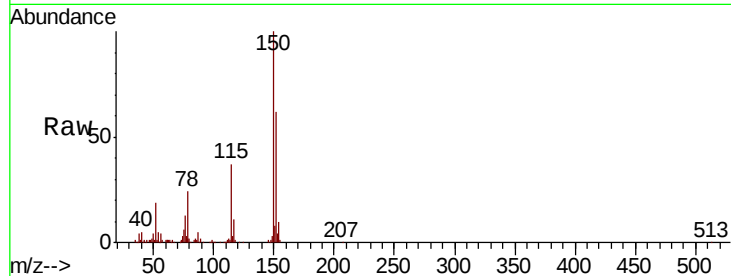


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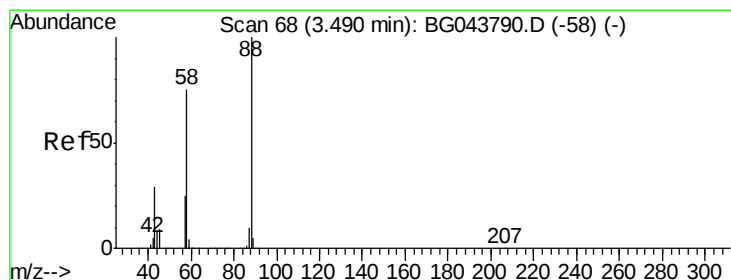
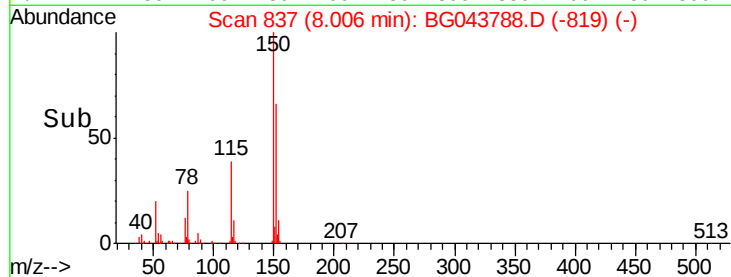
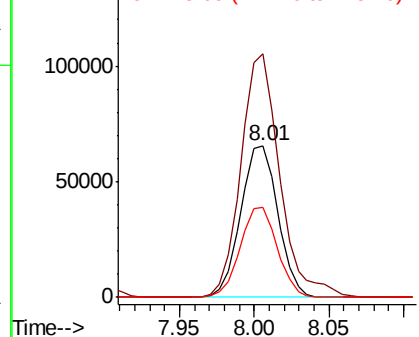
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 113234
Ion Ratio Lower Upper
152 100
150 160.6 128.6 192.8
115 59.5 44.3 66.5



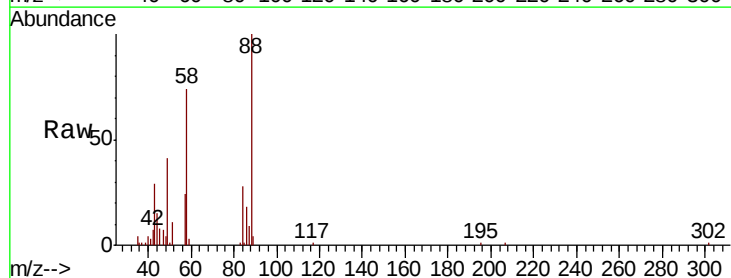
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



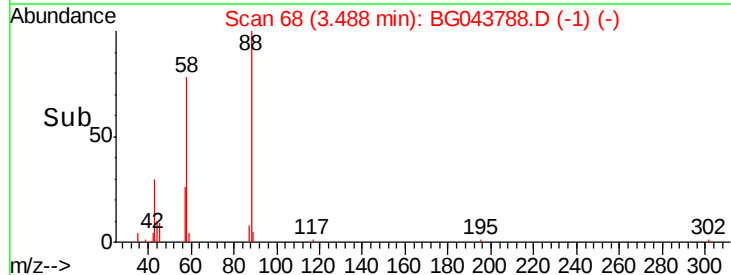
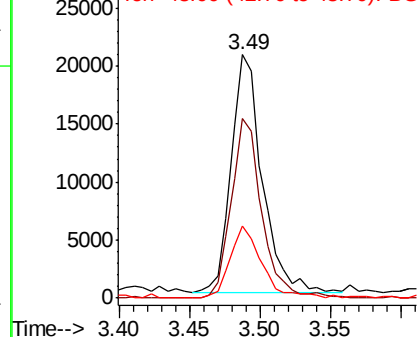
#2

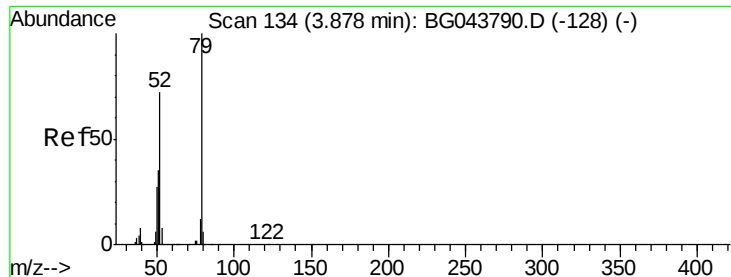
1,4-Dioxane
Concen: 11.262 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Tgt Ion: 88 Resp: 31453
Ion Ratio Lower Upper
88 100
58 74.3 62.2 93.4
43 30.9 24.3 36.5



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: 11.133 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

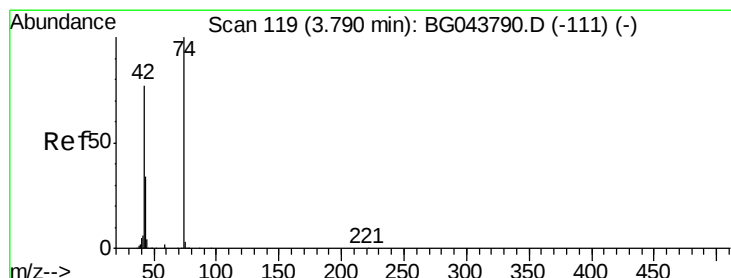
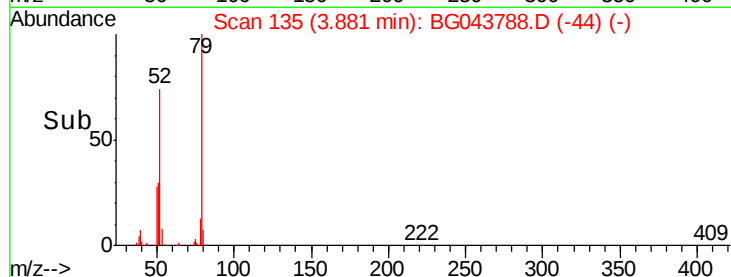
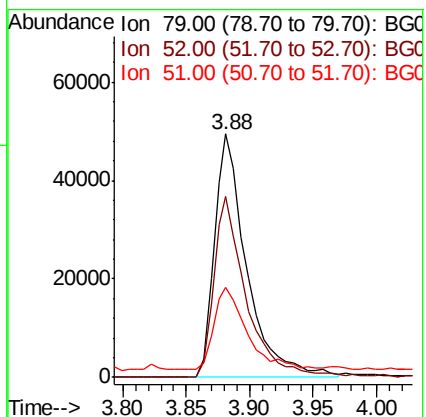
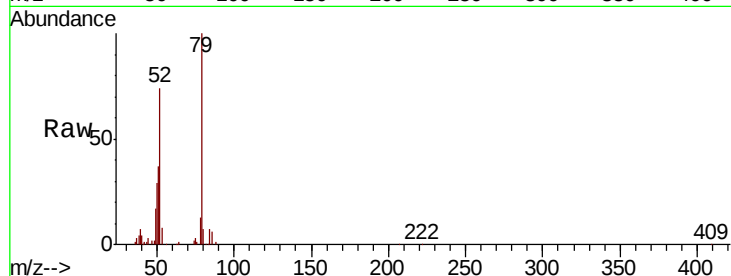
Tot Ion: 79 Resp: 87546

Ion Ratio Lower Upper

79 100

52 74.4 57.6 86.4

51 36.7 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 9.855 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

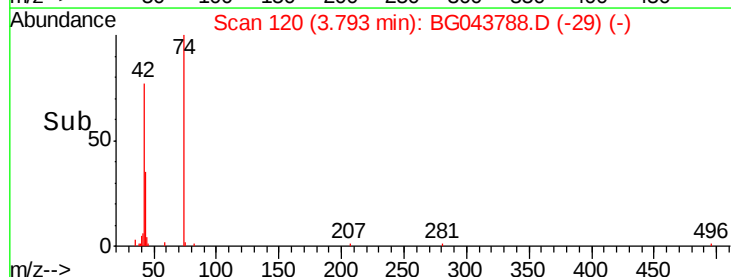
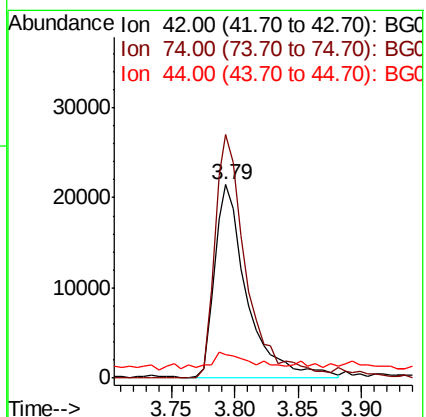
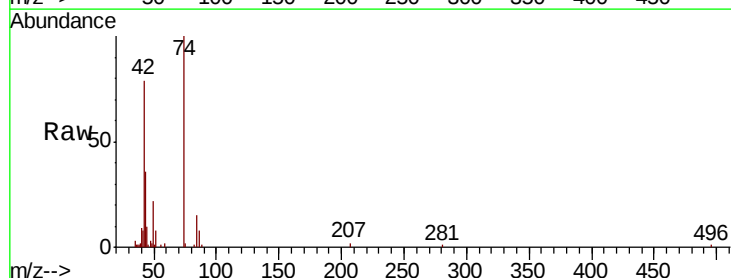
Tgt Ion: 42 Resp: 38496

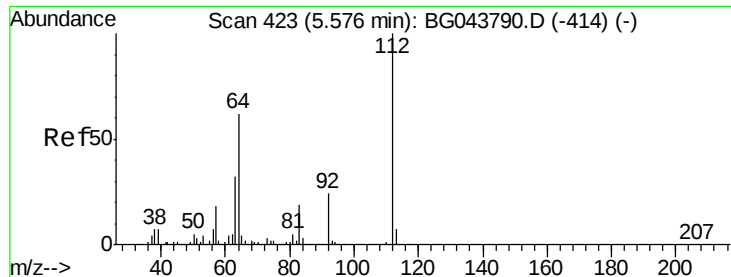
Ion Ratio Lower Upper

42 100

74 126.1 104.2 156.4

44 12.4 5.6 8.4#





#5

2-Fluorophenol

Concen: 20.486 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampled :

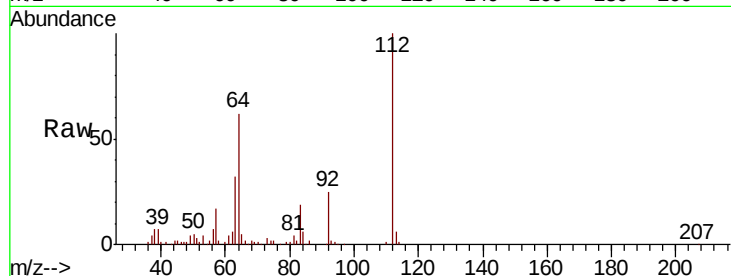
Tot Ion:112 Resp: 129031

Ion Ratio Lower Upper

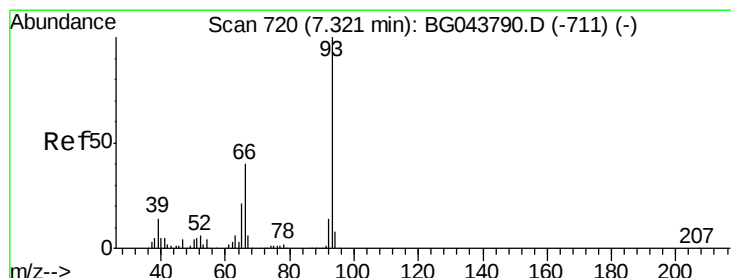
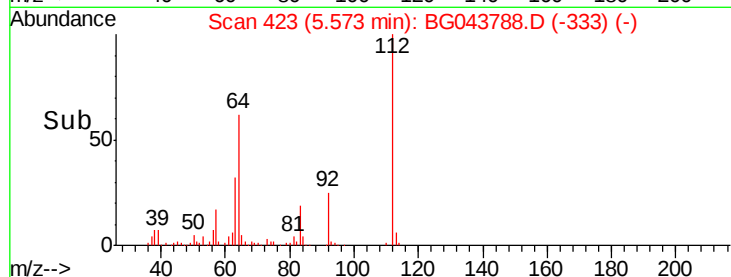
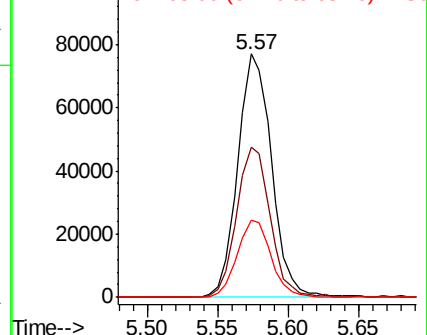
112 100

64 61.5 49.9 74.9

63 31.8 26.0 39.0



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: 10.555 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

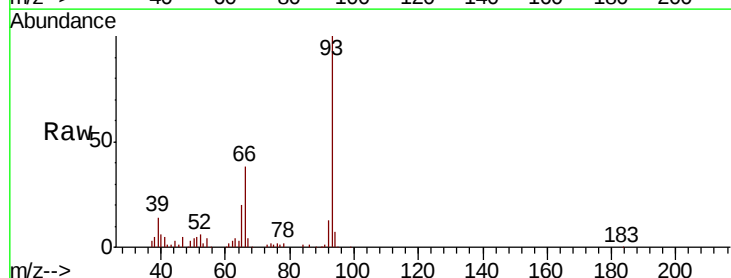
Tgt Ion: 93 Resp: 125942

Ion Ratio Lower Upper

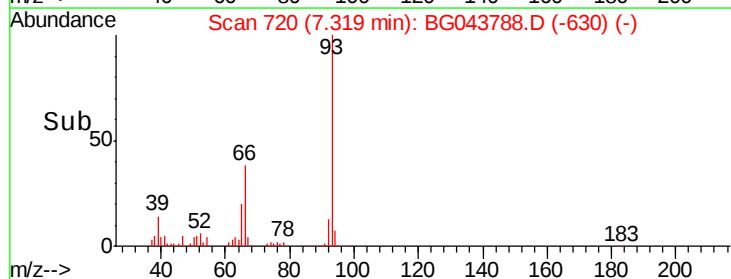
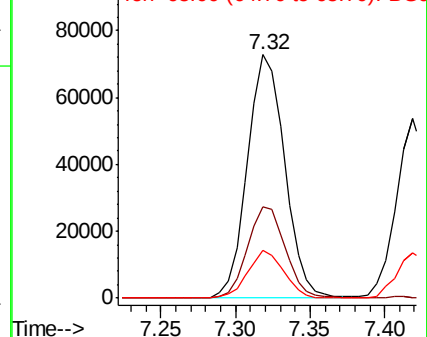
93 100

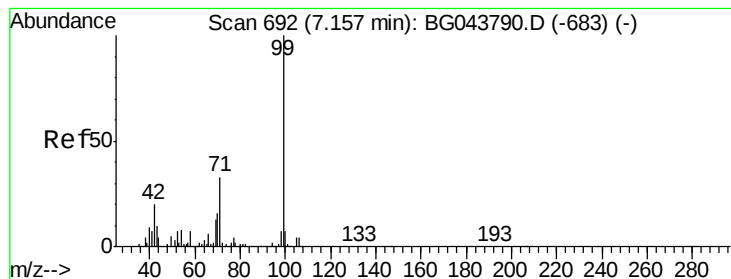
66 37.7 31.9 47.9

65 19.7 16.8 25.2



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: 20.717 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampled :

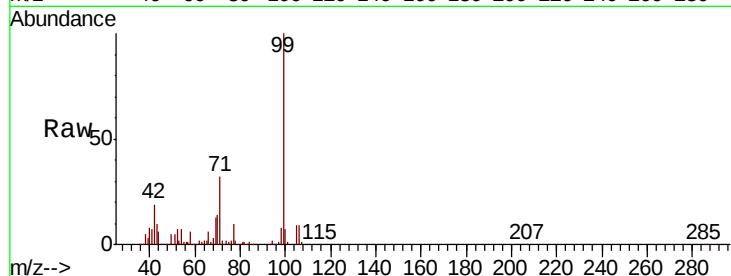
Tot Ion: 99 Resp: 189688

Ion Ratio Lower Upper

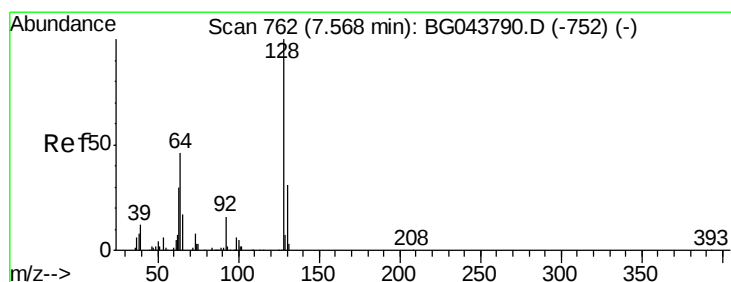
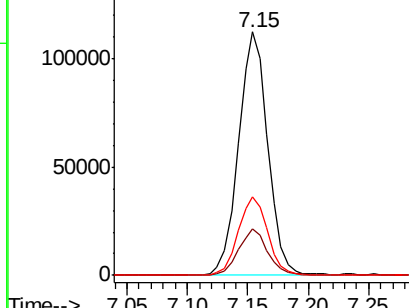
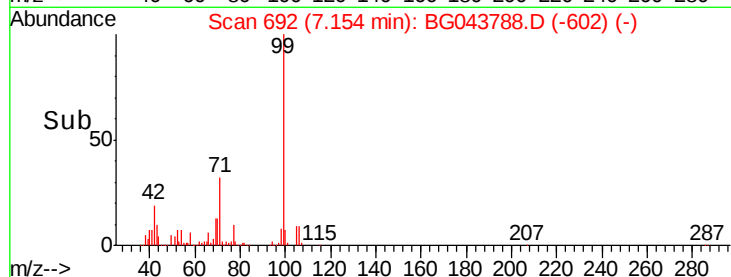
99 100

42 19.3 16.2 24.2

71 32.4 26.6 40.0



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: 10.636 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

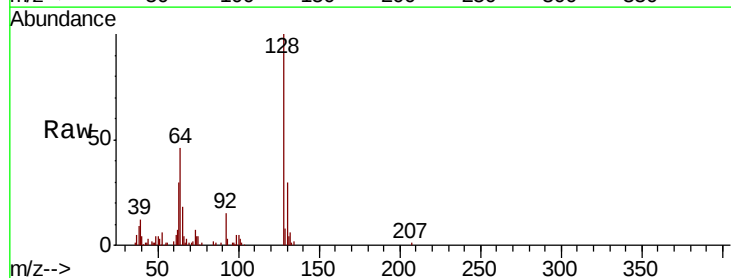
Tgt Ion:128 Resp: 76409

Ion Ratio Lower Upper

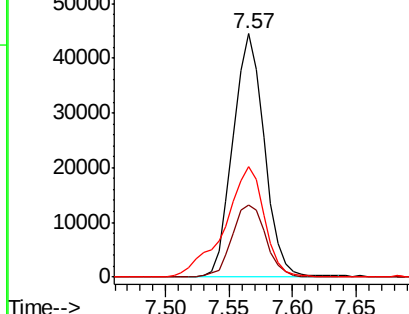
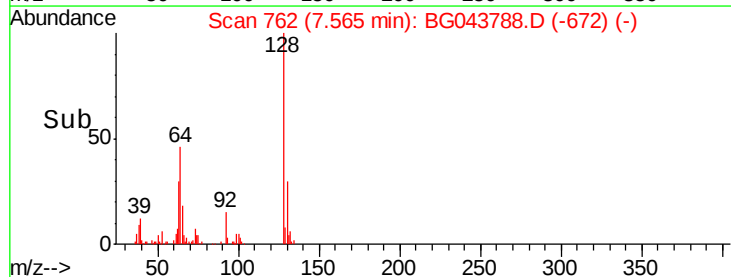
128 100

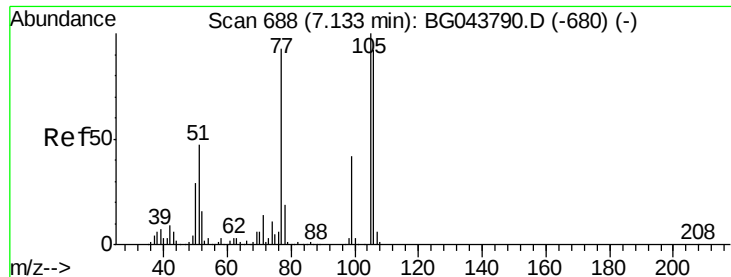
130 29.6 11.1 51.1

64 45.5 26.5 66.5



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





#9

Benzaldehyde

Concen: 12.221 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampled :

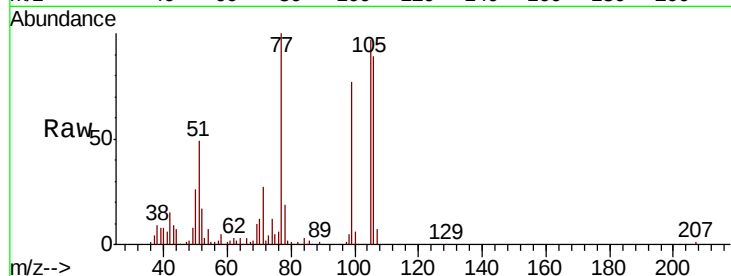
Tot Ion: 77 Resp: 66840

Ion Ratio Lower Upper

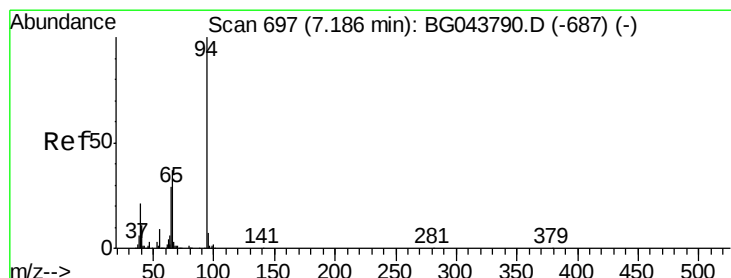
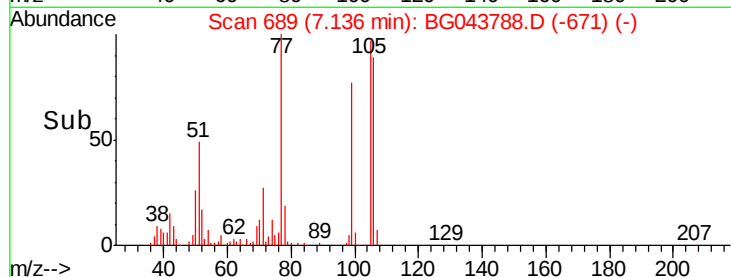
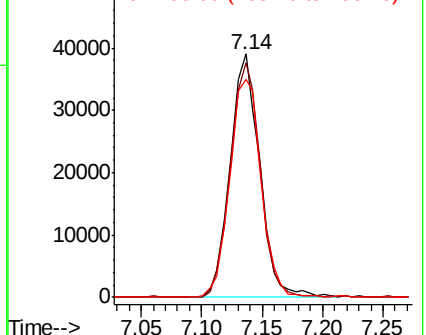
77 100

105 96.5 87.1 127.1

106 89.4 78.2 118.2



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



#10

Phenol

Concen: 10.422 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

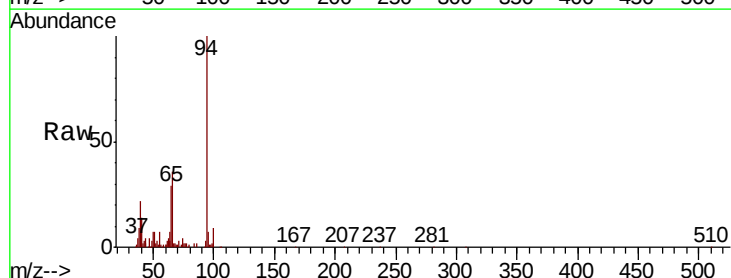
Tgt Ion: 94 Resp: 97965

Ion Ratio Lower Upper

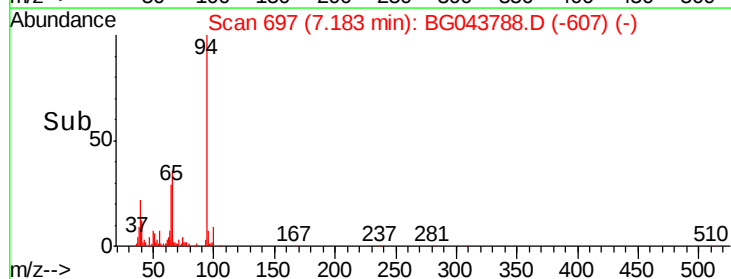
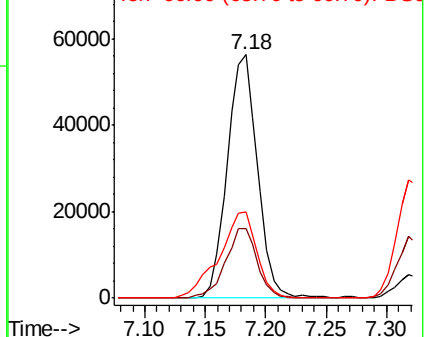
94 100

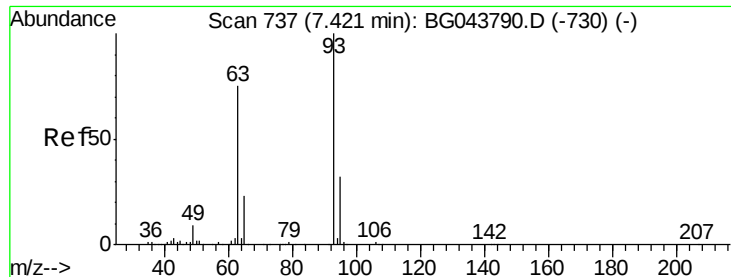
65 28.5 9.5 49.5

66 35.6 16.8 56.8



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

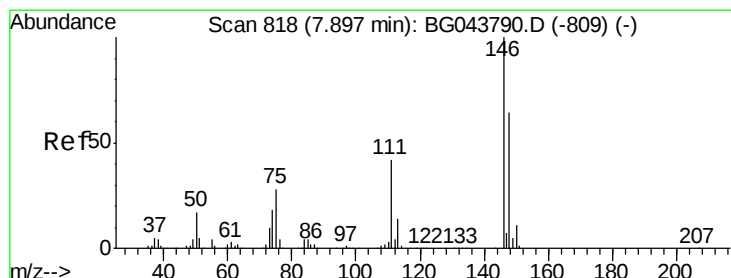
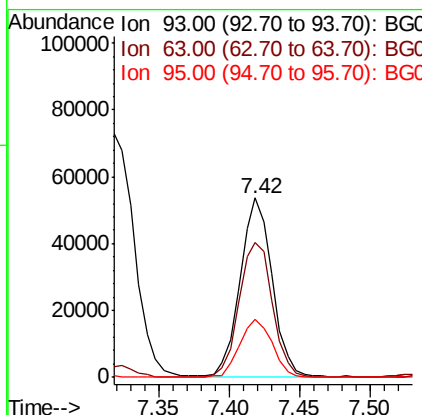
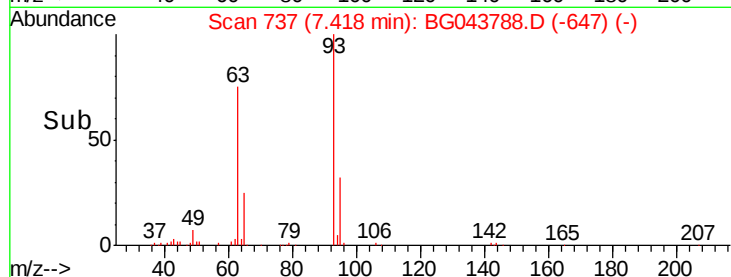
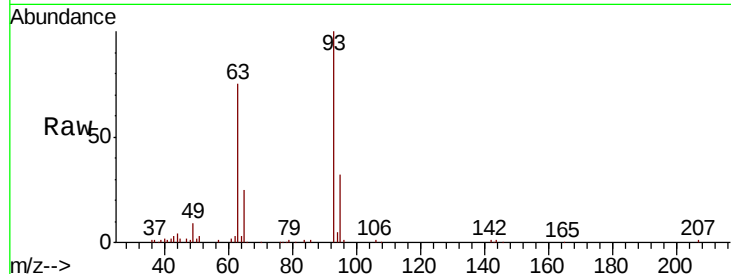




#11
bis(2-Chloroethyl)ether
Concen: 10.831 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

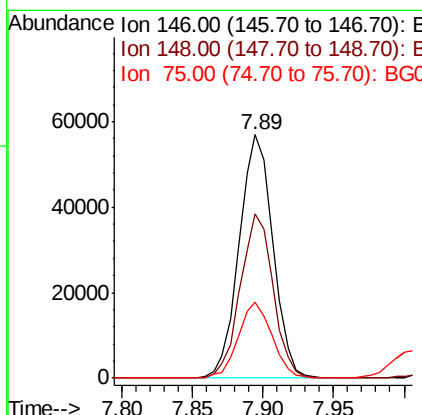
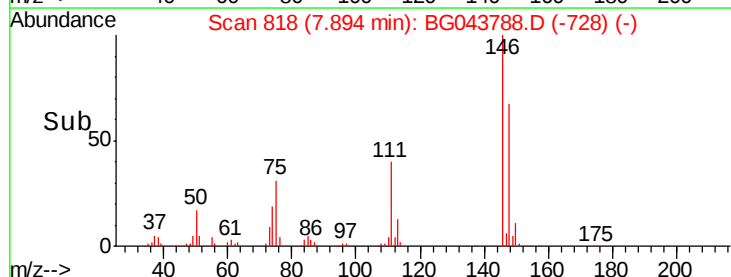
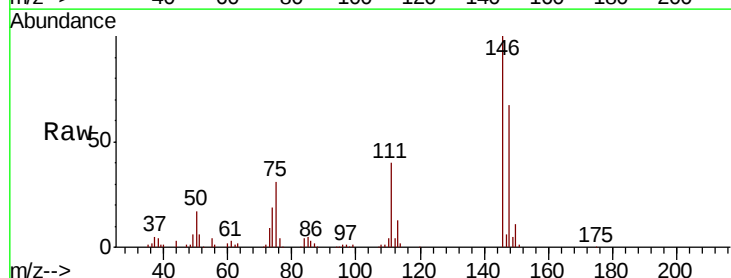
Instrument :
BNA_G
ClientSampleId :

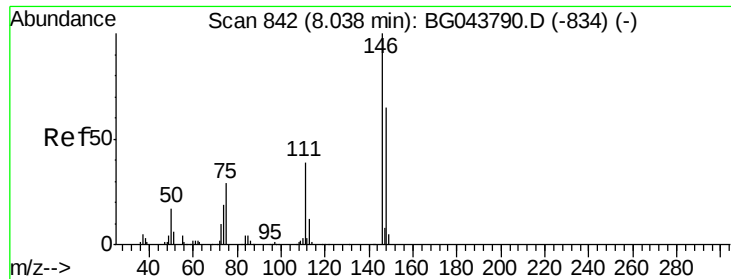
Tot Ion: 93 Resp: 84962
Ion Ratio Lower Upper
93 100
63 75.1 54.7 94.7
95 32.2 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 11.252 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Tgt Ion: 146 Resp: 95155
Ion Ratio Lower Upper
146 100
148 67.5 51.4 77.2
75 31.0 22.4 33.6

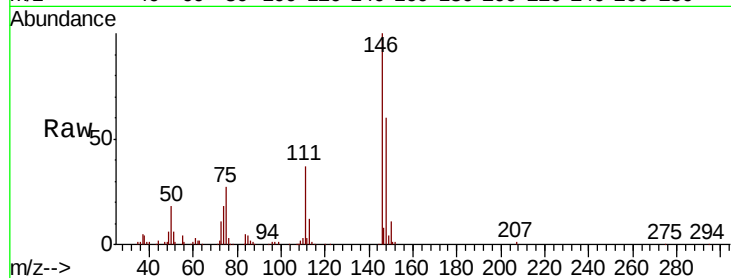




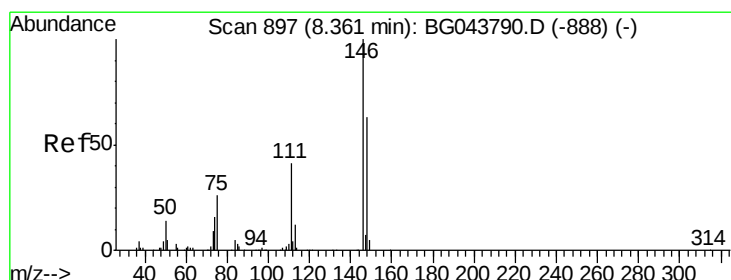
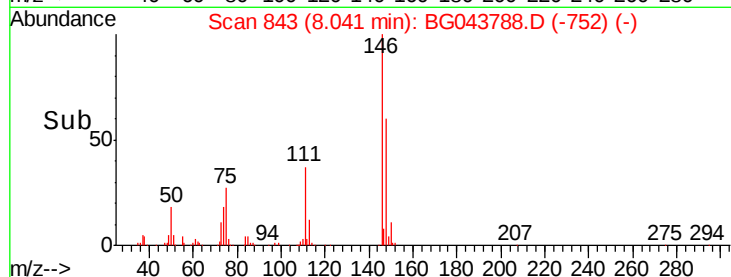
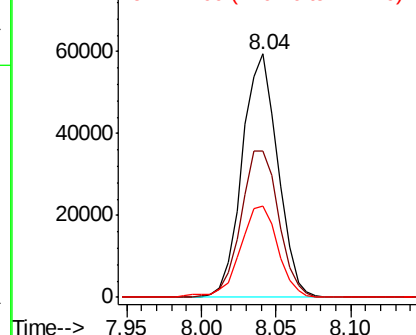
#13
 1,4-Dichlorobenzene
 Concen: 11.430 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 97907
 Ion Ratio Lower Upper
 146 100
 148 60.2 51.8 77.8
 111 37.4 31.4 47.2

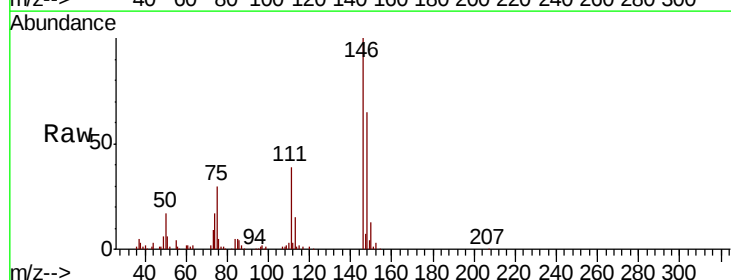


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

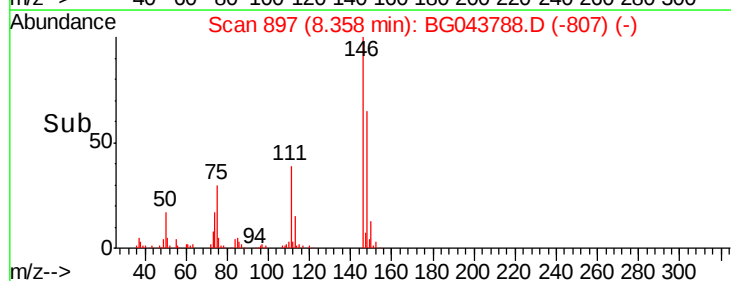
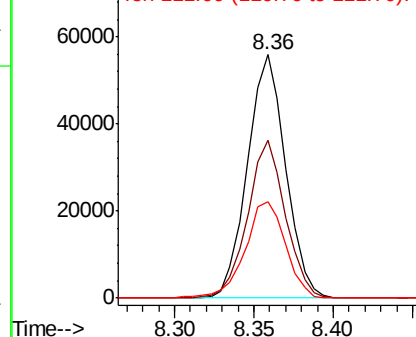


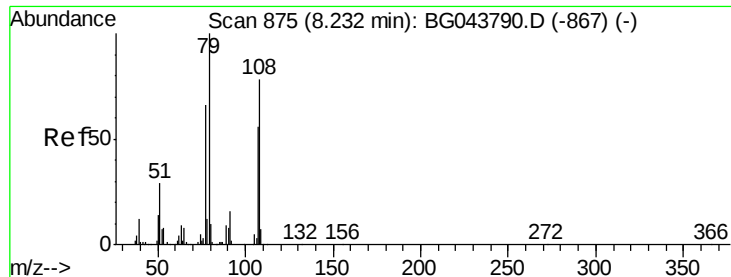
#14
 1,2-Dichlorobenzene
 Concen: 11.521 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

Tgt Ion:146 Resp: 93372
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.2 75.2
 111 39.5 33.4 50.2



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: 9.346 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampled :

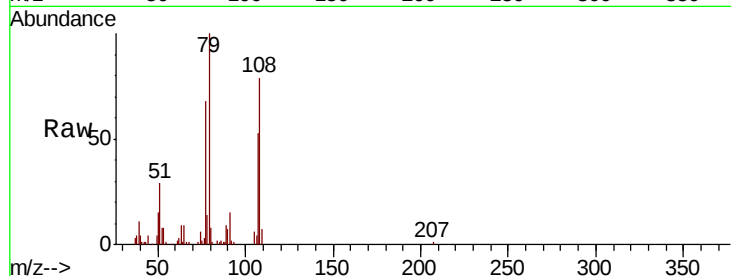
Tot Ion: 79 Resp: 71477

Ion Ratio Lower Upper

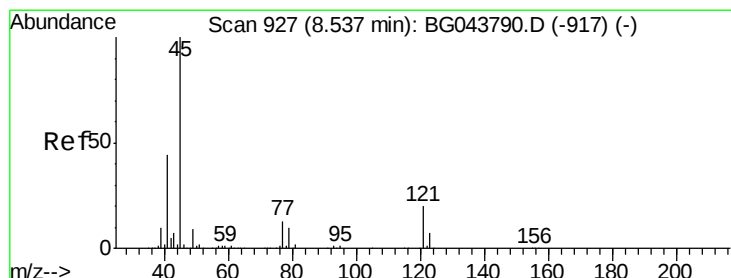
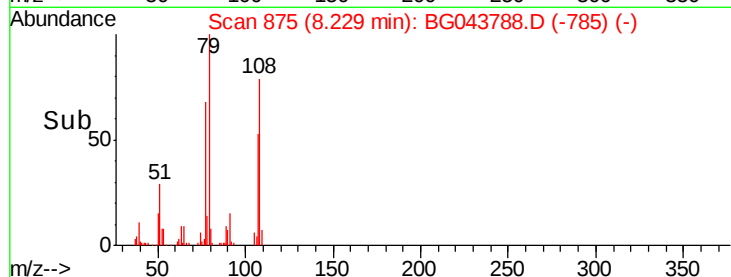
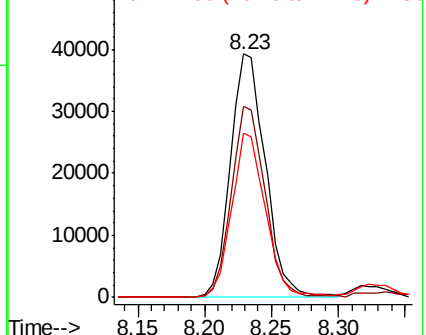
79 100

108 78.5 62.2 93.2

77 67.5 52.8 79.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.223 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

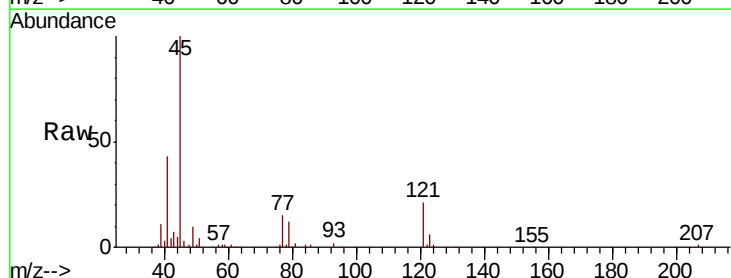
Tgt Ion: 45 Resp: 137916

Ion Ratio Lower Upper

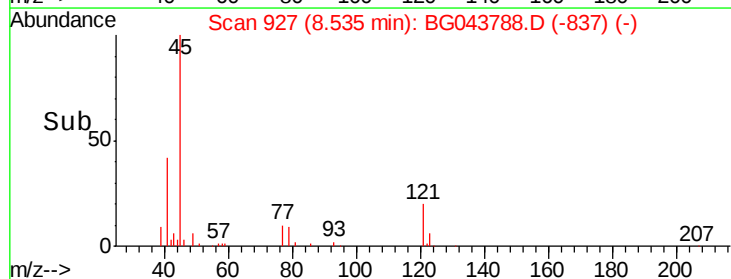
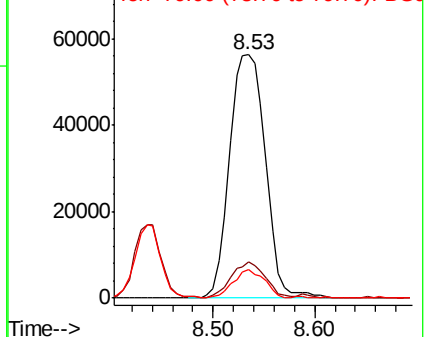
45 100

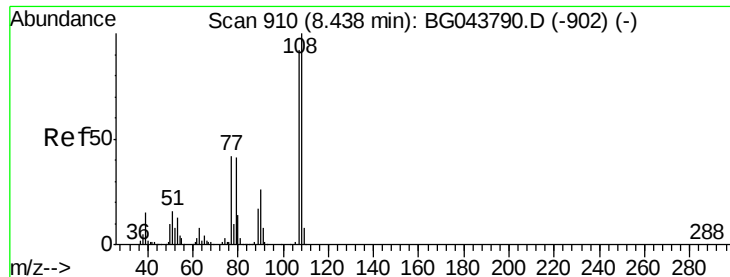
77 14.8 0.0 33.6

79 11.9 0.0 29.9



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





#17

2-Methylphenol

Concen: 10.088 ng

RT: 8.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 67793

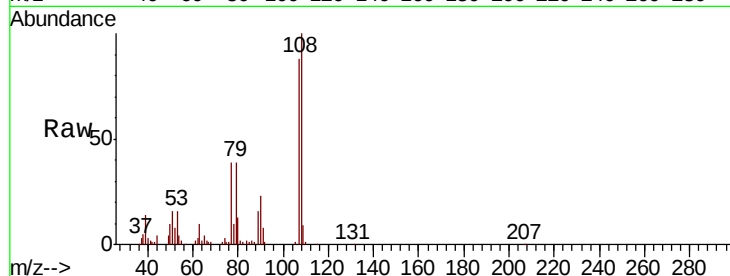
Ion Ratio Lower Upper

107 100

108 113.4 87.2 130.8

77 44.3 36.6 54.8

79 43.9 35.5 53.3

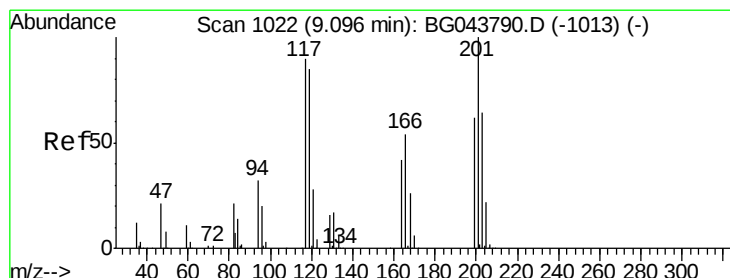
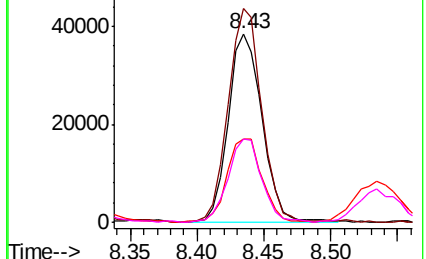
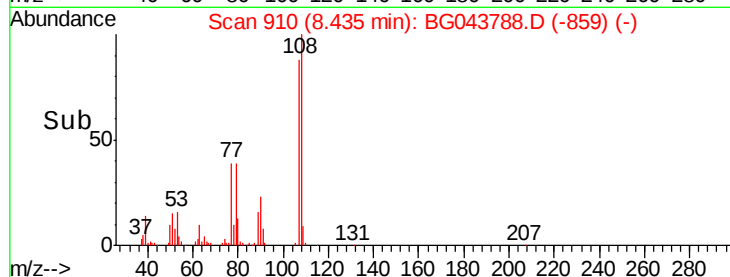


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.346 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

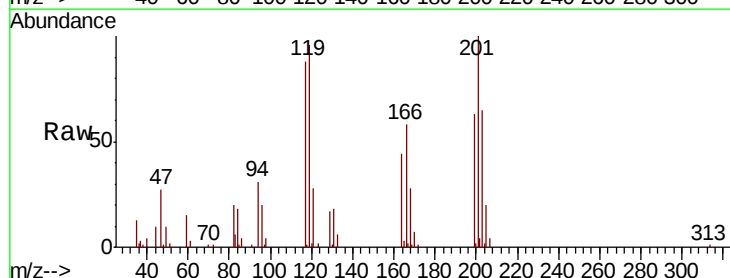
Tgt Ion:117 Resp: 33454

Ion Ratio Lower Upper

117 100

119 109.2 75.6 113.4

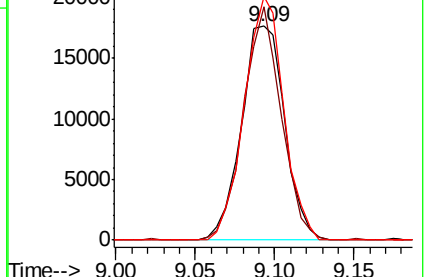
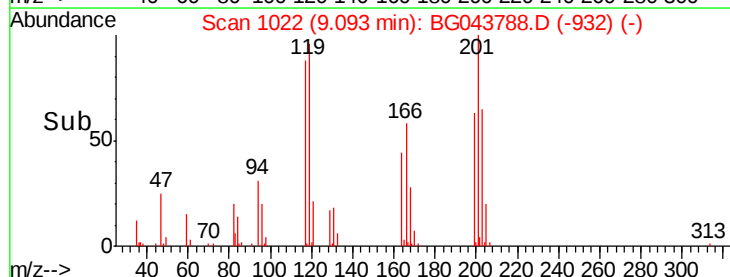
201 117.9 88.6 133.0

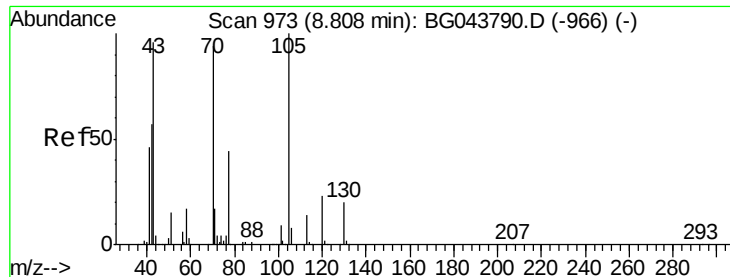


Abundance Ion 117.00 (116.70 to 117.70): E

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: 10.121 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 72873

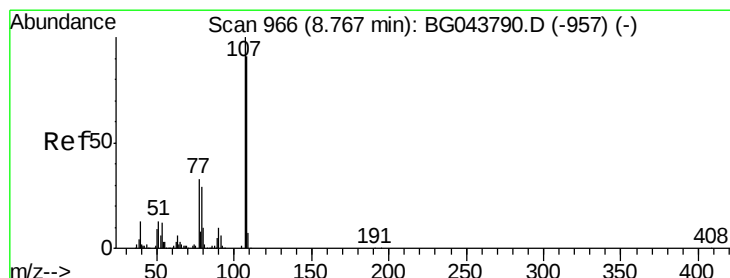
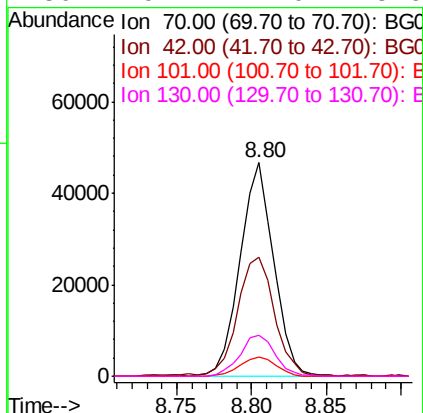
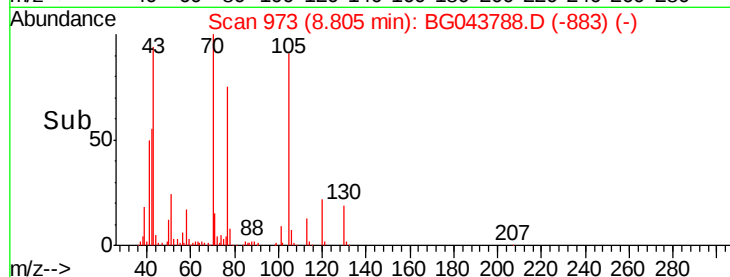
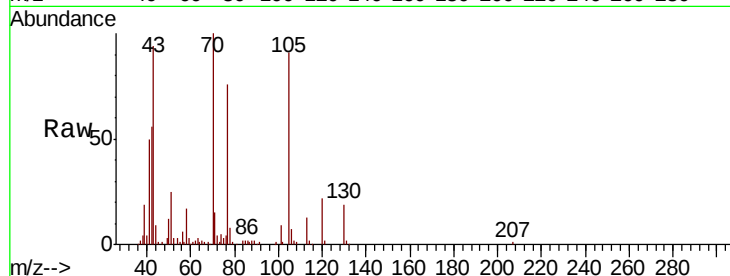
Ion Ratio Lower Upper

70 100

42 55.8 49.2 73.8

101 8.8 7.8 11.6

130 19.4 17.0 25.6



#20

3+4-Methylphenols

Concen: 9.745 ng

RT: 8.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Tgt Ion: 107 Resp: 91364

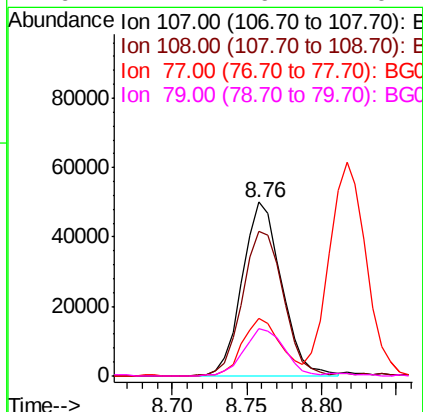
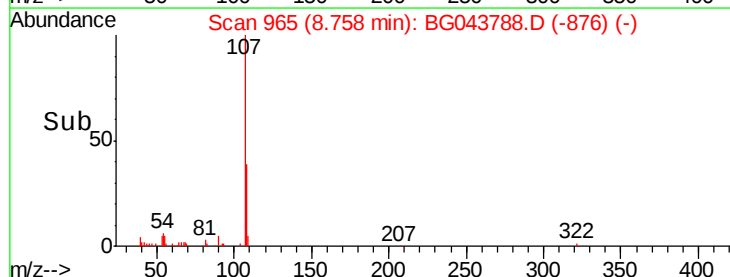
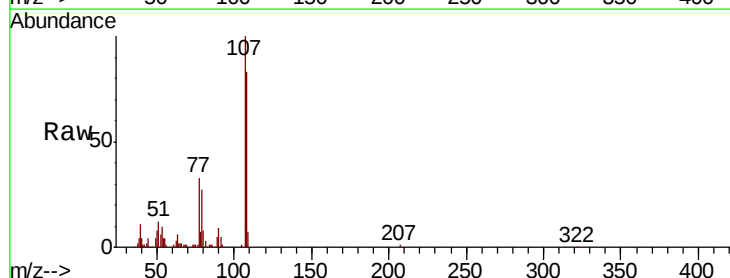
Ion Ratio Lower Upper

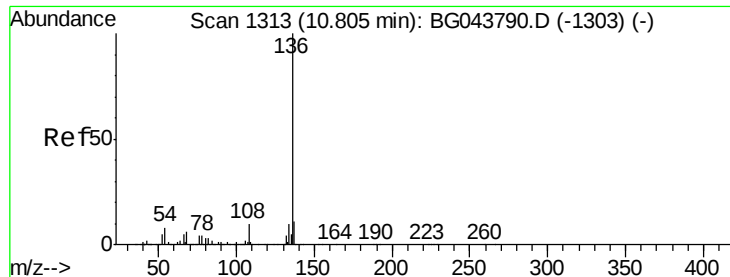
107 100

108 83.5 70.9 110.9

77 33.1 12.7 52.7

79 27.1 9.1 49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 509112

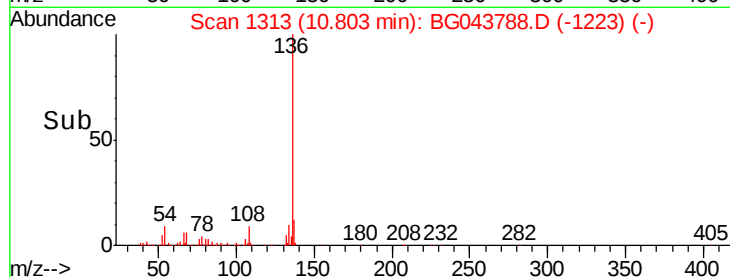
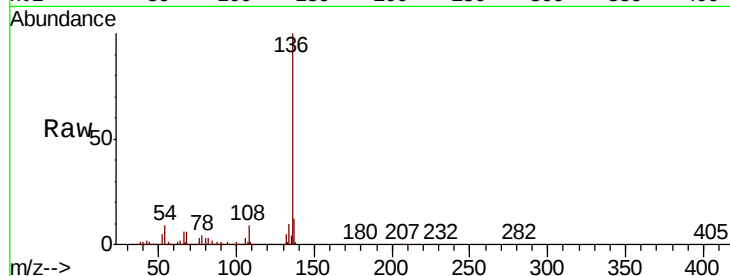
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 8.5 6.8 10.2

68 6.0 5.0 7.4



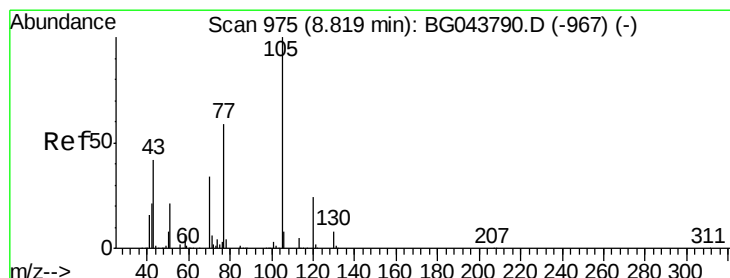
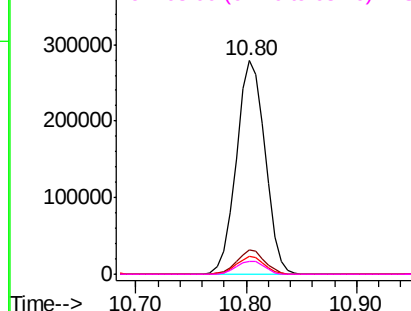
Abundance

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: 10.332 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Tgt Ion:105 Resp: 139418

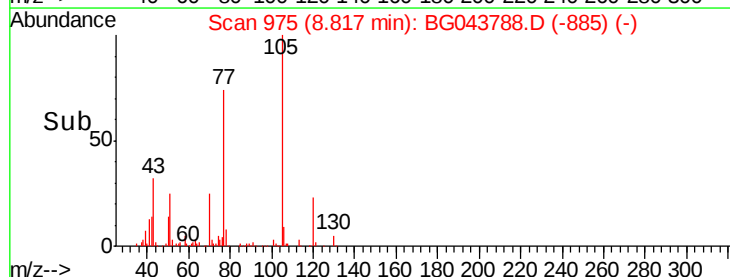
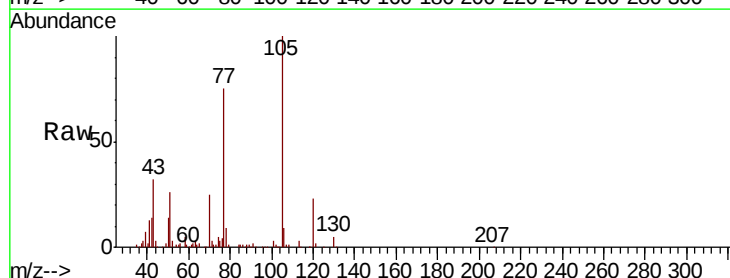
Ion Ratio Lower Upper

105 100

71 2.8 4.9 7.3#

51 26.1 22.2 33.4

120 22.7 19.0 28.6



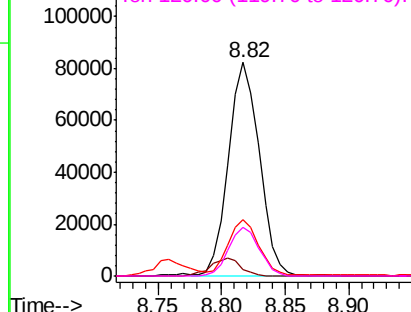
Abundance

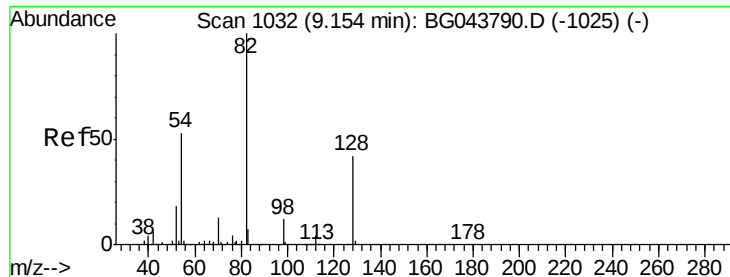
Ion 105.00 (104.70 to 105.70): E

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

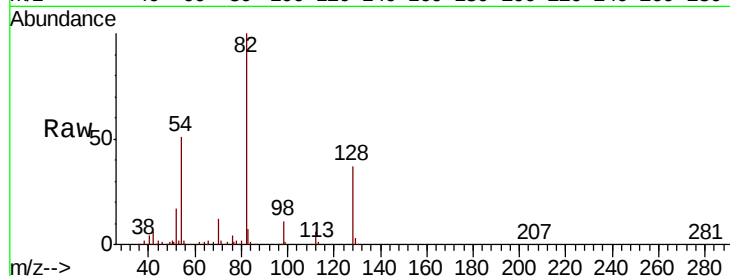




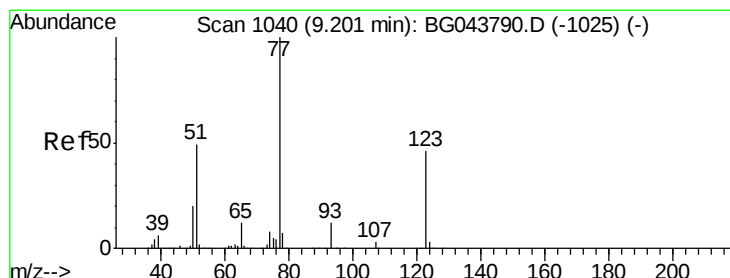
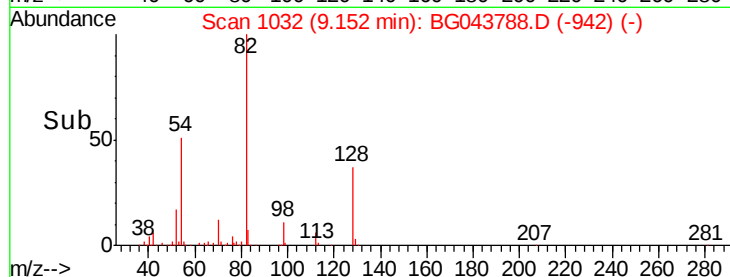
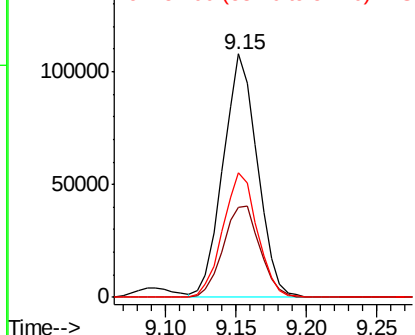
#23
 Nitrobenzene-d5
 Concen: 19.630 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	181766
Ion Ratio	Lower	Upper	
82	100		
128	37.0	33.6	50.4
54	51.4	42.1	63.1

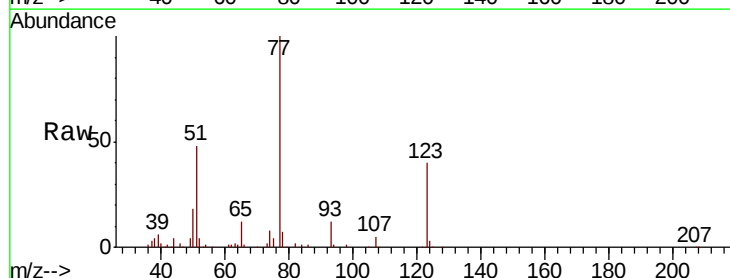


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

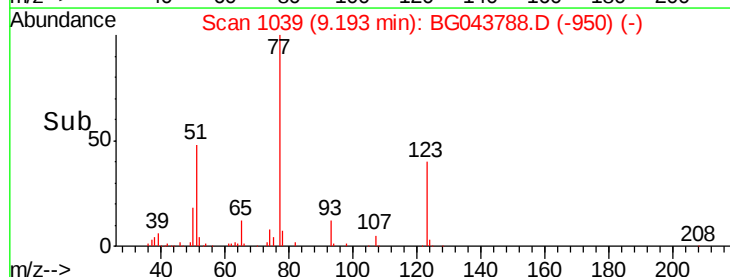
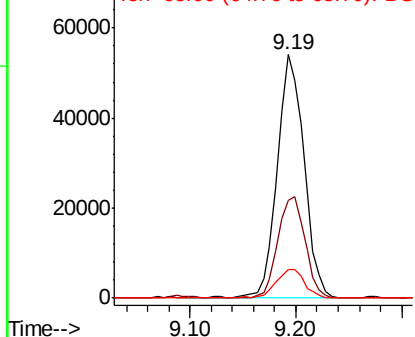


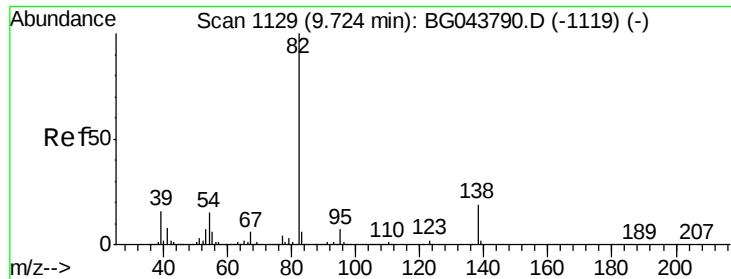
#24
 Nitrobenzene
 Concen: 9.901 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

Tgt Ion	77	Resp	94234
Ion Ratio	Lower	Upper	
77	100		
123	40.4	36.6	55.0
65	11.6	9.8	14.6



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

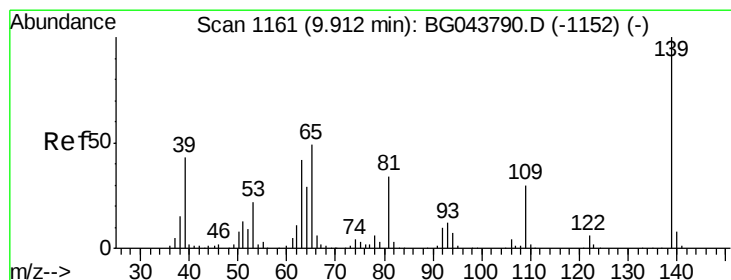
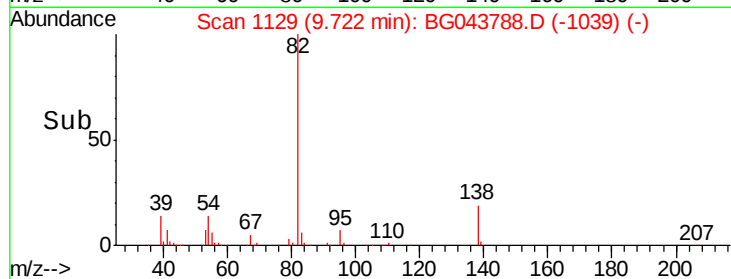
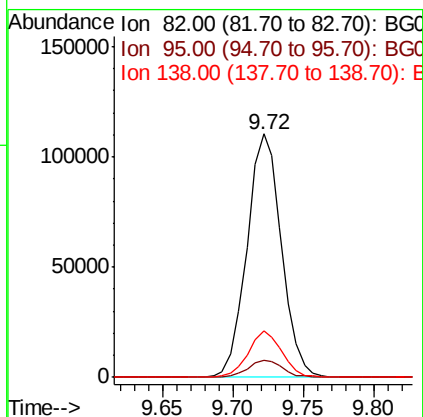
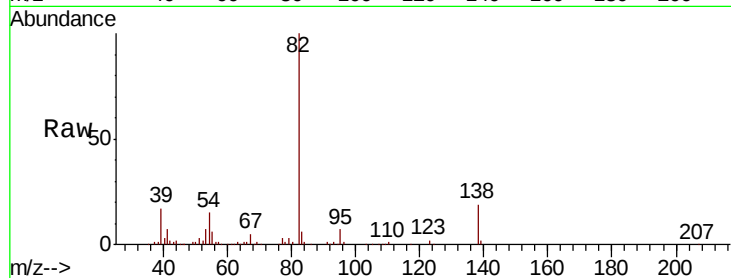




#25
Isophorone
Concen: 9.520 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

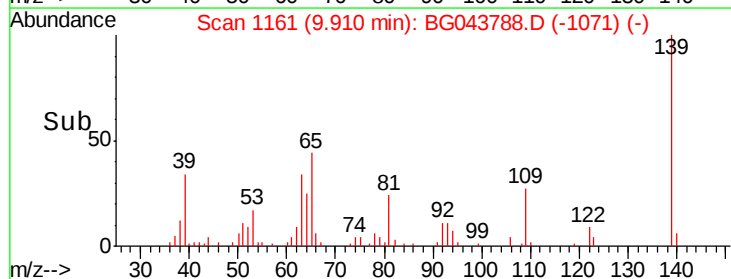
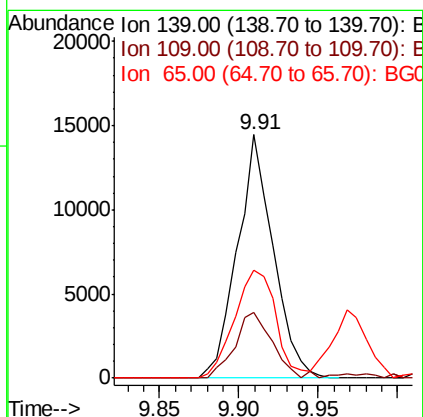
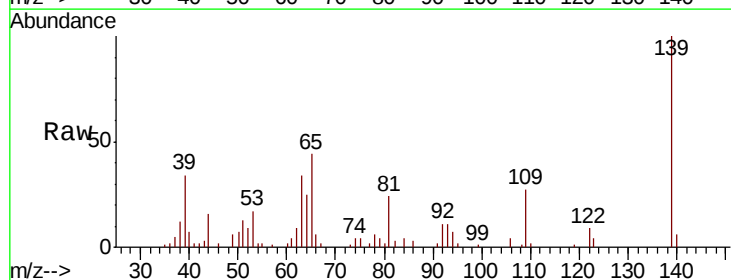
Instrument :
BNA_G
ClientSampleId :

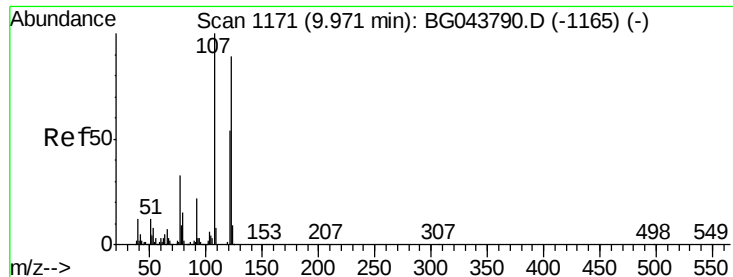
Tot Ion: 82 Resp: 189015
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.2 14.8 22.2



#26
2-Nitrophenol
Concen: 6.609 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Tgt Ion: 139 Resp: 22695
Ion Ratio Lower Upper
139 100
109 26.8 23.9 35.9
65 44.3 39.3 58.9





#27

2,4-Dimethylphenol

Concen: 9.202 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampled :

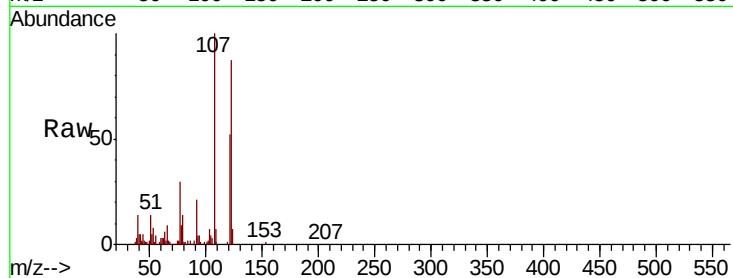
Tot Ion:122 Resp: 62046

Ion Ratio Lower Upper

122 100

107 114.3 90.0 135.0

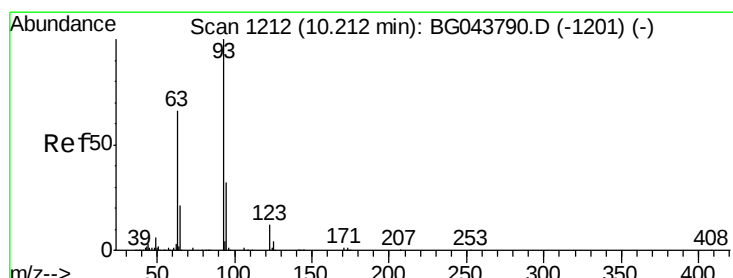
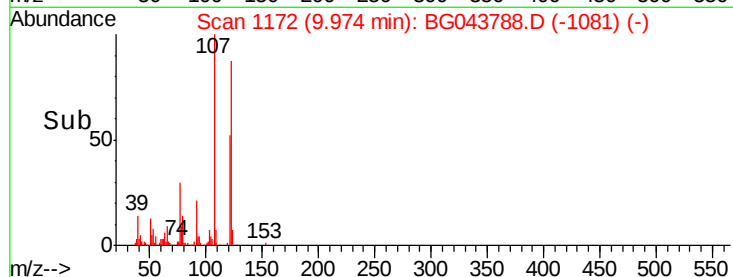
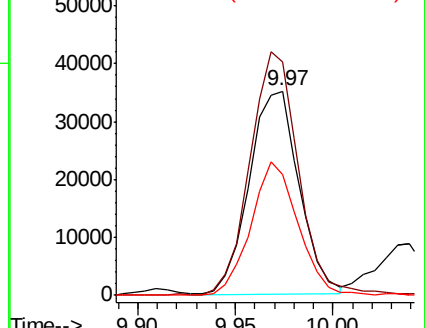
121 59.4 48.6 73.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 10.183 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

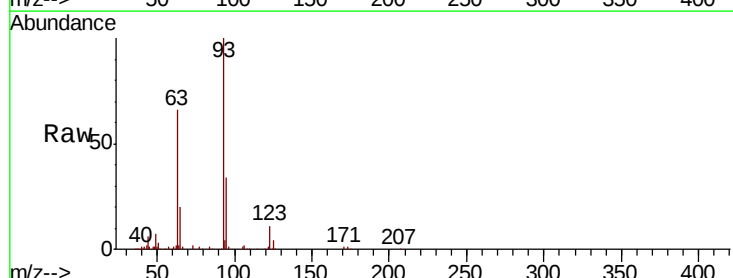
Tgt Ion: 93 Resp: 124609

Ion Ratio Lower Upper

93 100

95 34.4 25.7 38.5

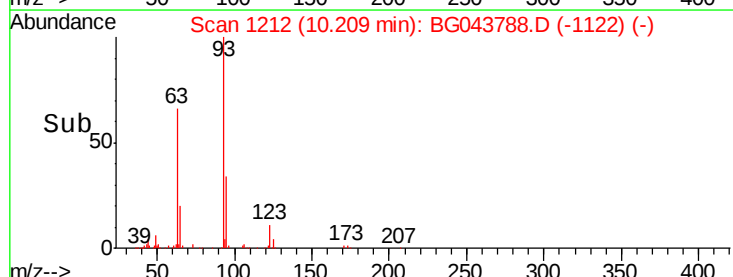
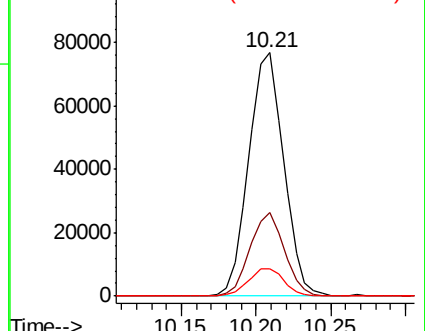
123 11.0 9.5 14.3

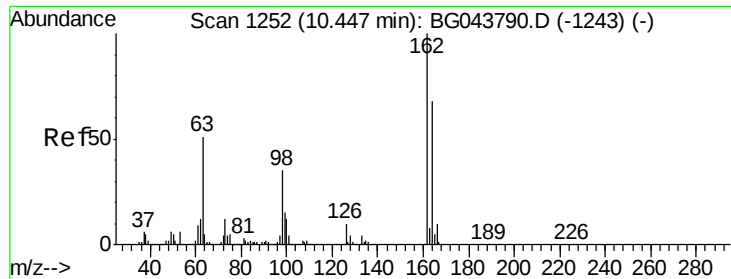


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

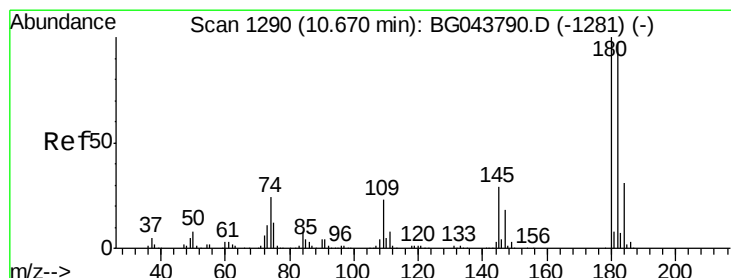
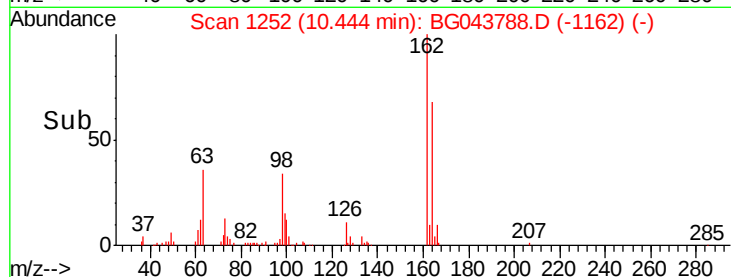
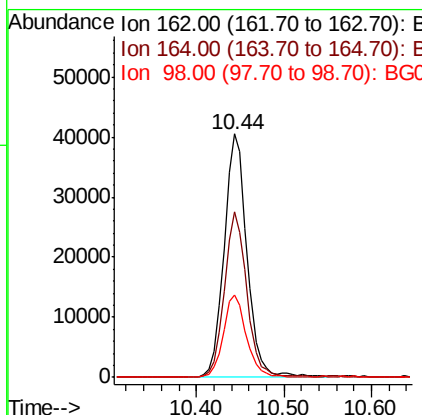
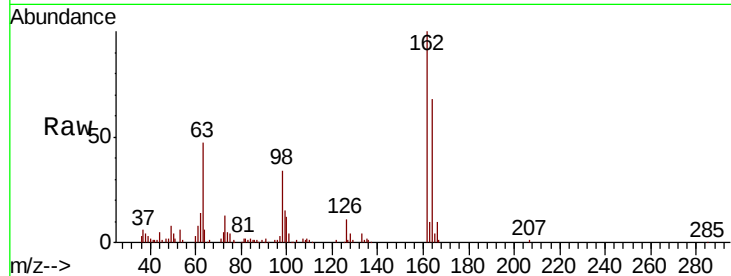




#29
 2,4-Dichlorophenol
 Concen: 8.907 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

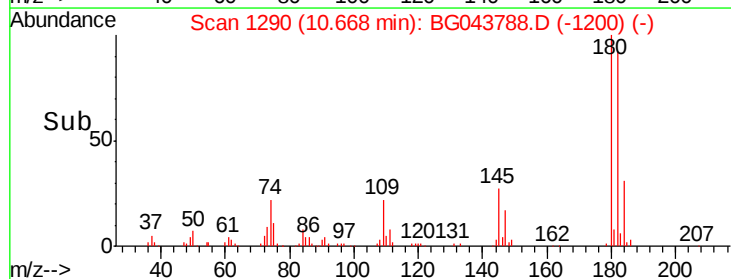
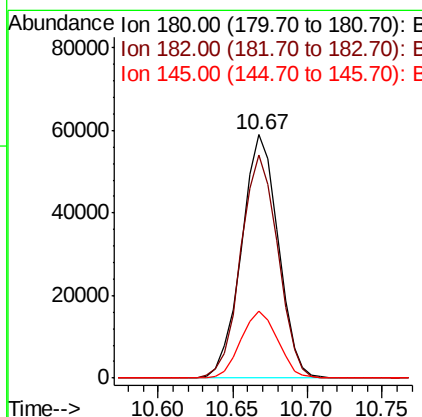
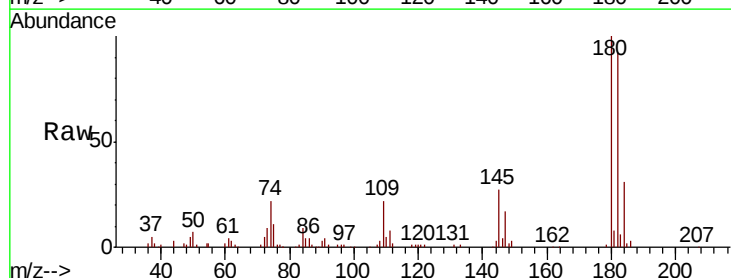
Instrument :
 BNA_G
 ClientSampleId :

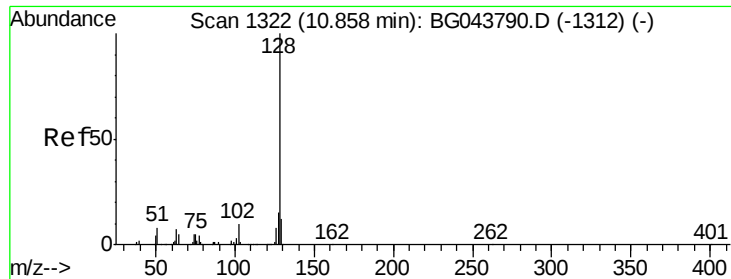
Tot Ion	162	Resp	73009
Ion	Ratio	Lower	Upper
162	100		
164	68.1	48.0	88.0
98	34.1	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 10.450 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

Tgt Ion	180	Resp	100374
Ion	Ratio	Lower	Upper
180	100		
182	91.5	77.8	116.8
145	27.3	23.0	34.6

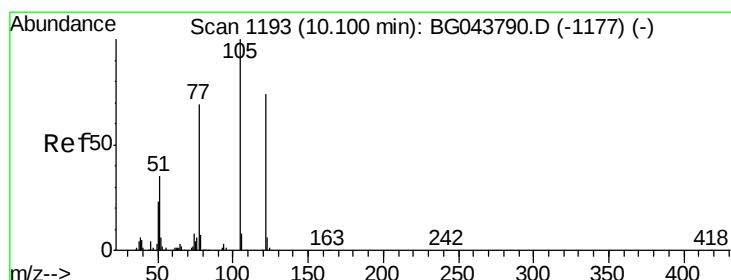
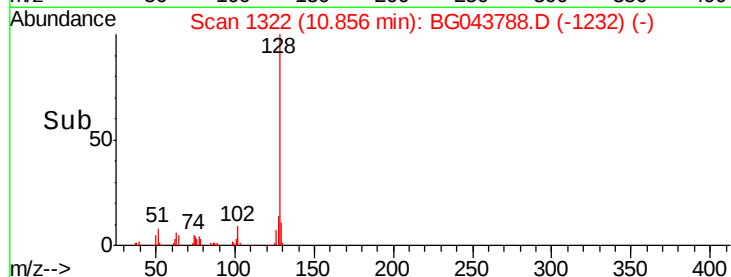
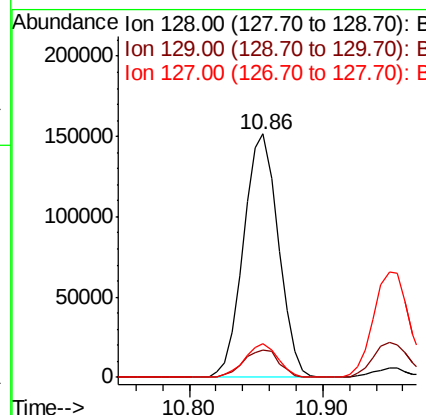
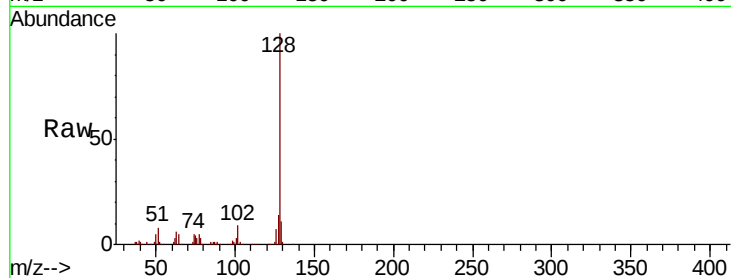




#31
Naphthalene
Concen: 10.840 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

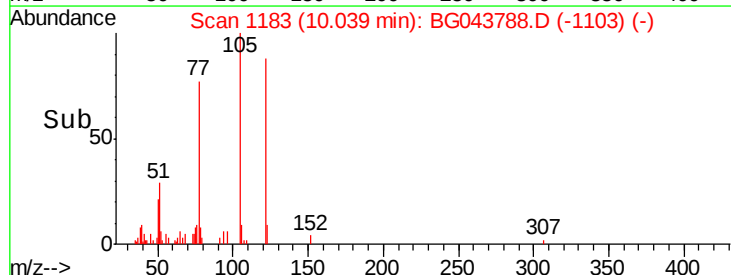
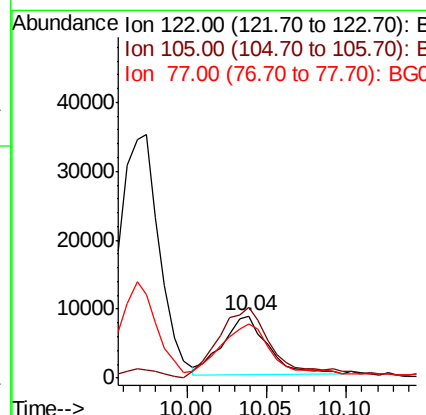
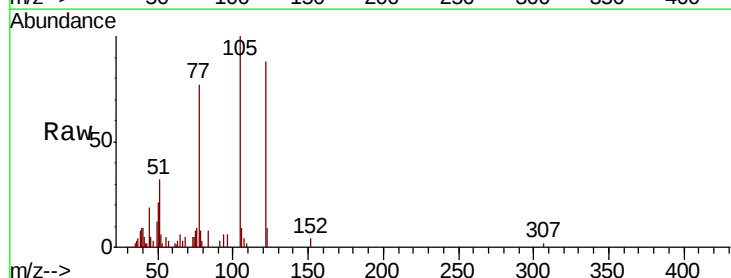
Instrument :
BNA_G
ClientSampleId :

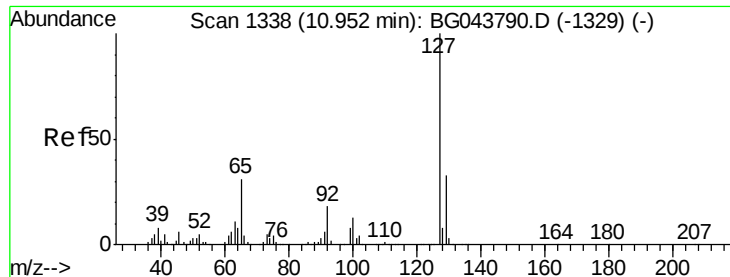
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.6
127	14.0	11.9	17.9



#32
Benzoic acid
Concen: 3.491 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.06 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.2	107.5	147.5
77	87.4	71.7	111.7

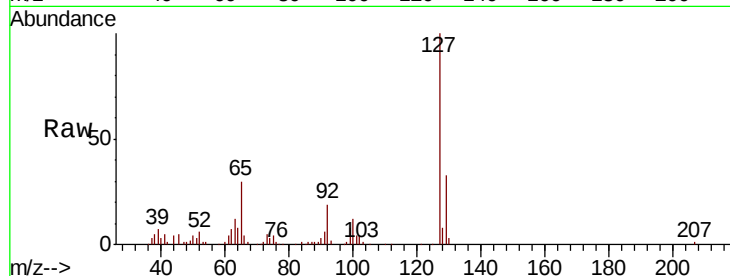




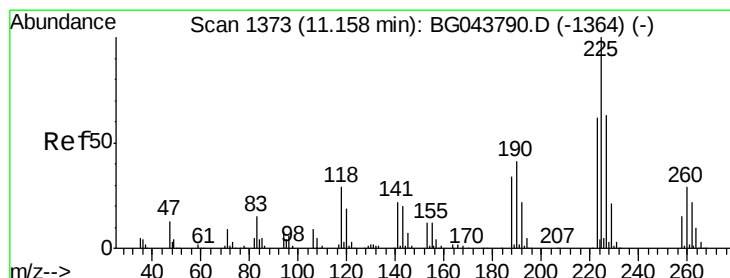
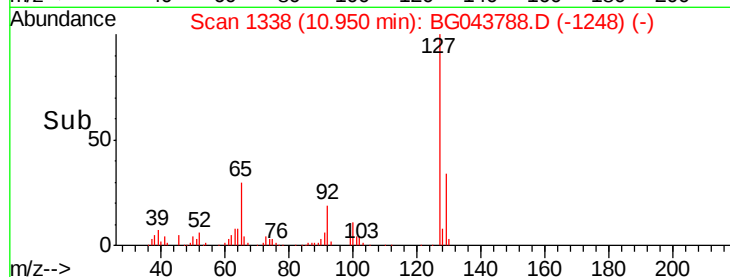
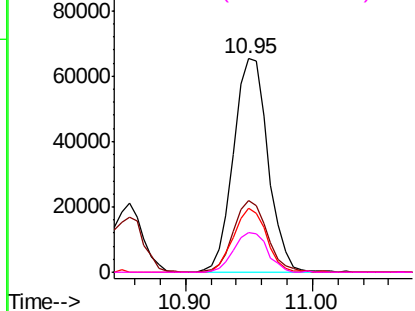
#33
4-Chloroaniline
Concen: 10.123 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	123173
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.1	39.1
65	30.2	24.4	36.6
92	18.6	14.6	22.0

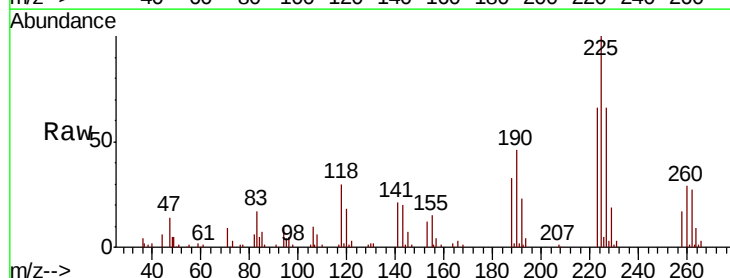


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

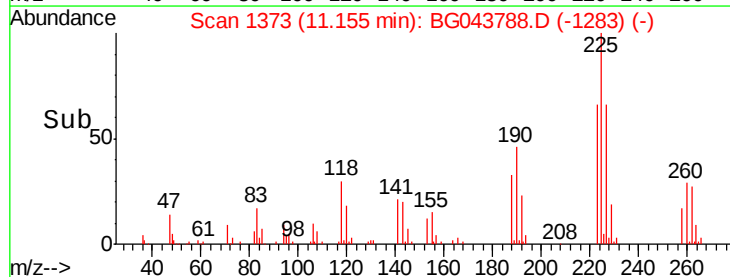
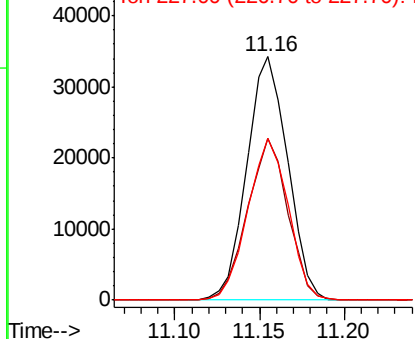


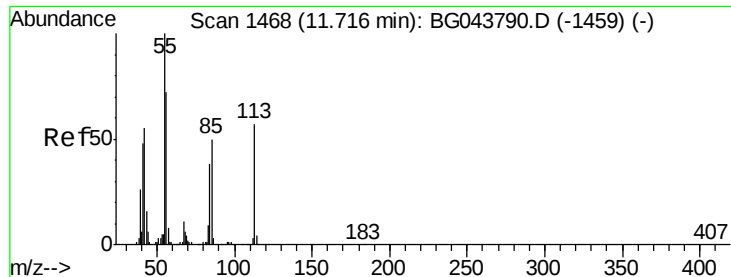
#34
Hexachlorobutadiene
Concen: 9.114 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Tgt Ion:	225	Resp:	57567
Ion	Ratio	Lower	Upper
225	100		
223	66.3	49.3	73.9
227	66.3	50.2	75.2



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





#35

Caprolactam

Concen: 8.811 ng

RT: 11.69 min Scan# 1464

Delta R.T. -0.03 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

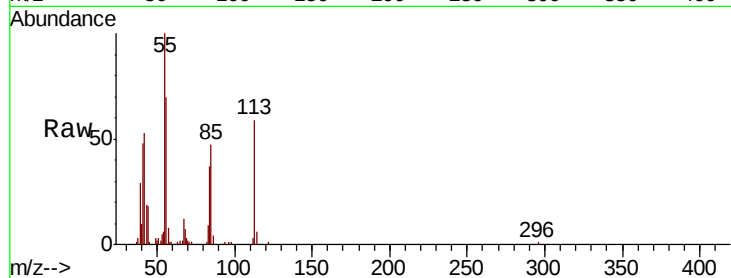
Tot Ion:113 Resp: 29368

Ion Ratio Lower Upper

113 100

55 170.7 154.2 194.2

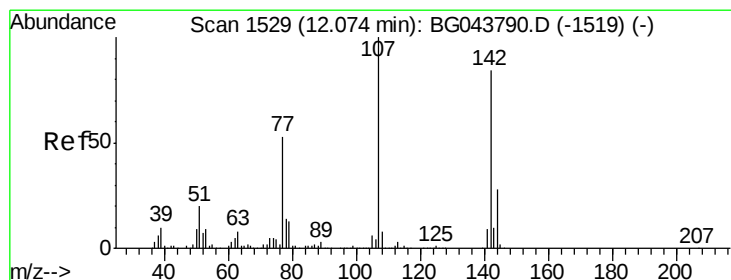
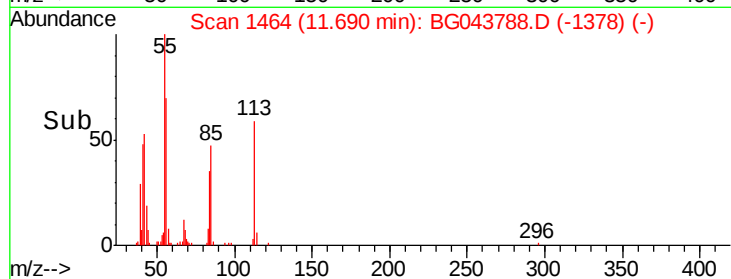
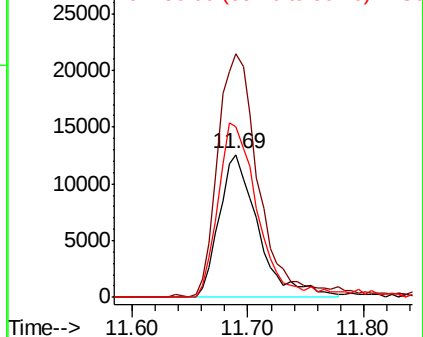
56 119.6 105.6 145.6



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: 8.987 ng

RT: 12.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

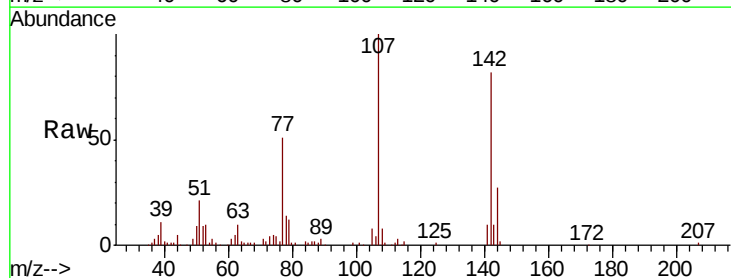
Tgt Ion:107 Resp: 82785

Ion Ratio Lower Upper

107 100

144 27.1 22.2 33.4

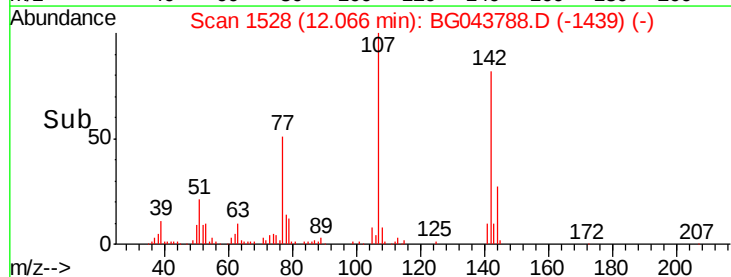
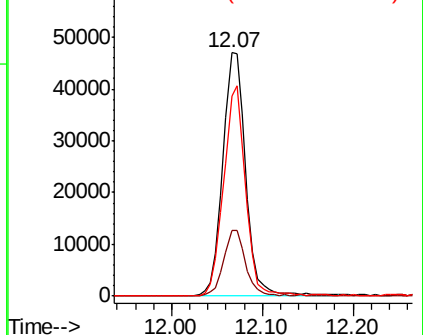
142 82.4 67.0 100.6

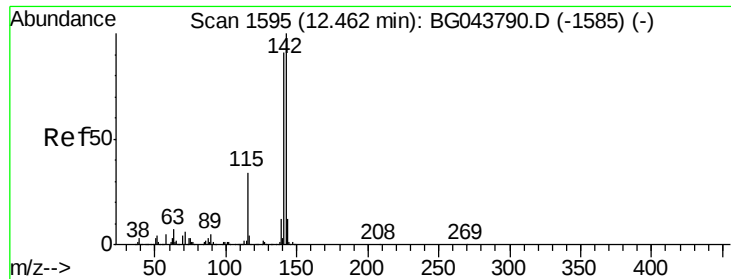


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

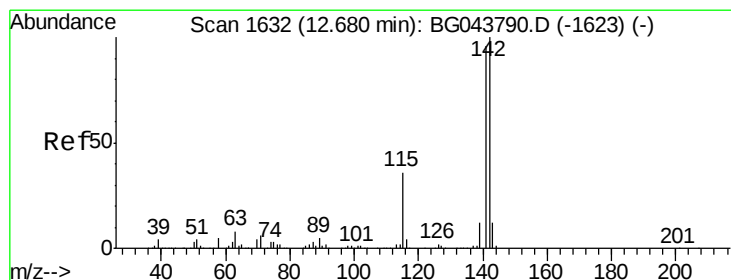
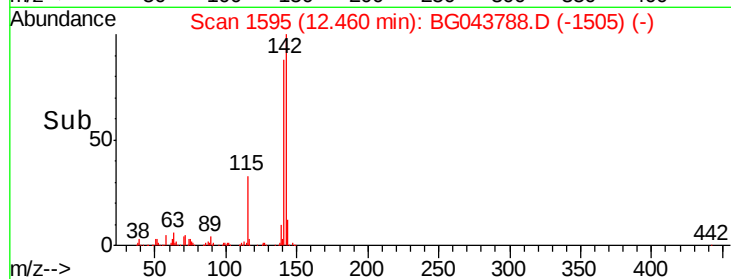
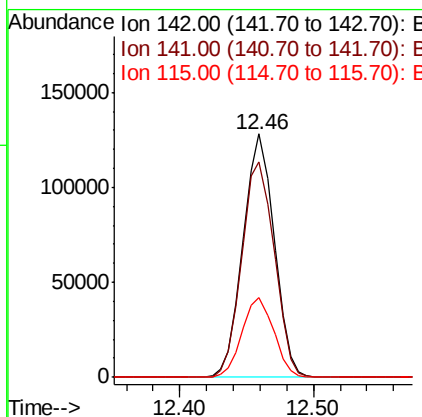
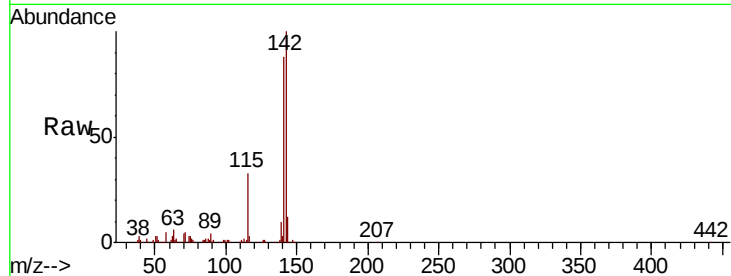




#37
2-Methylnaphthalene
Concen: 10.920 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

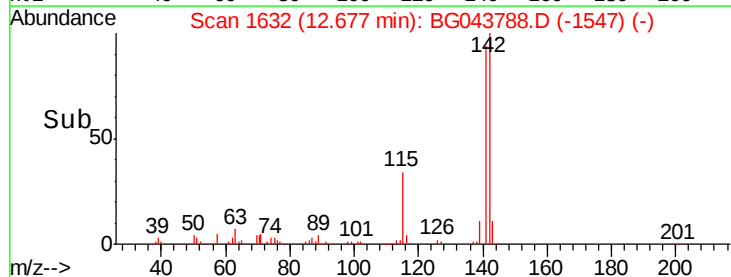
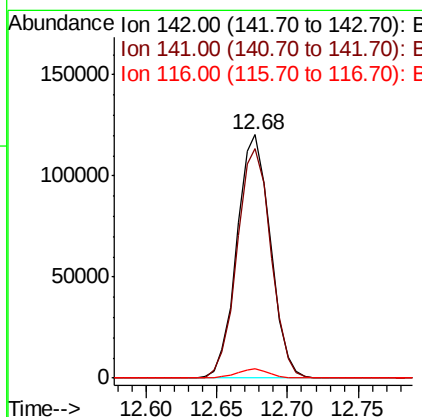
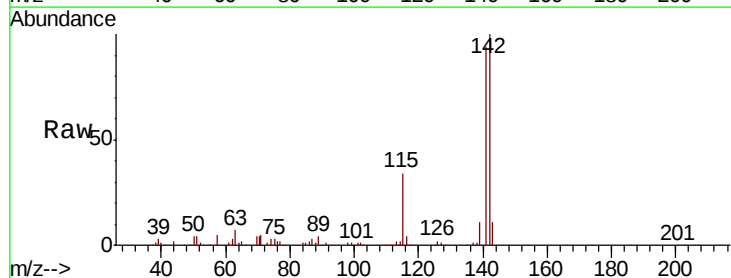
Instrument :
BNA_G
ClientSampleId :

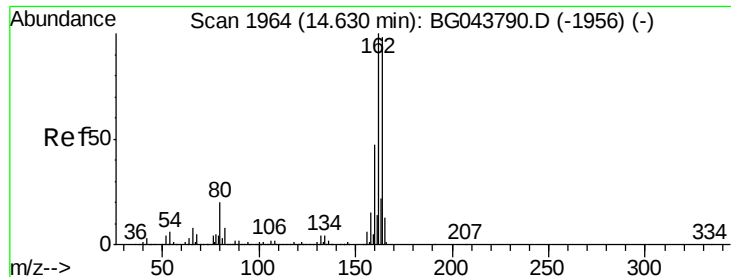
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.2	109.8
115	33.0	27.3	40.9



#38
1-Methylnaphthalene
Concen: 11.055 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	76.9	115.3
116	3.8	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

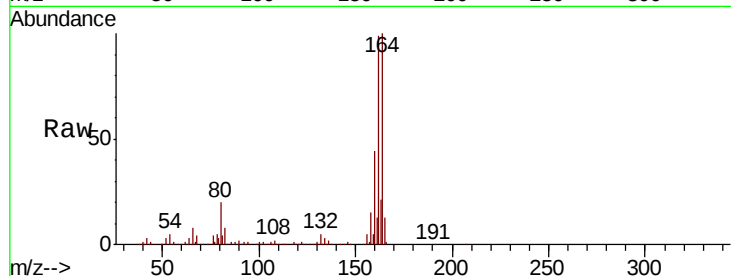
Tot Ion:164 Resp: 354592

Ion Ratio Lower Upper

164 100

162 99.4 81.9 122.9

160 44.5 38.3 57.5

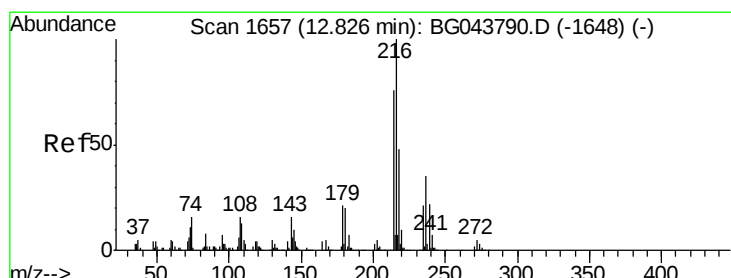
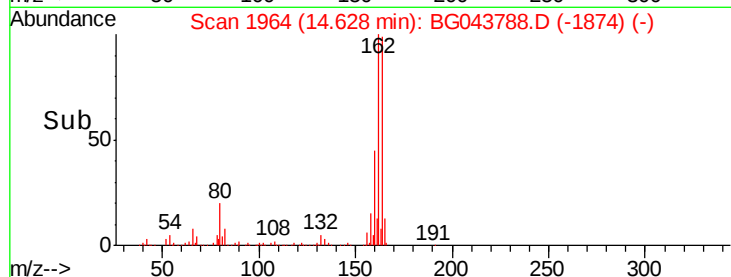
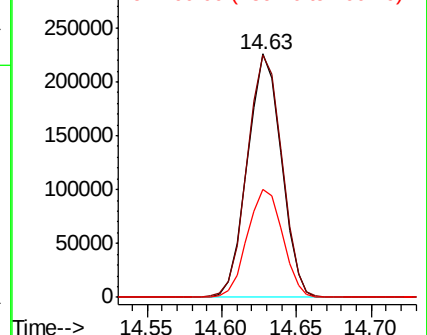


Abundance

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: 10.097 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Tgt Ion:216 Resp: 113926

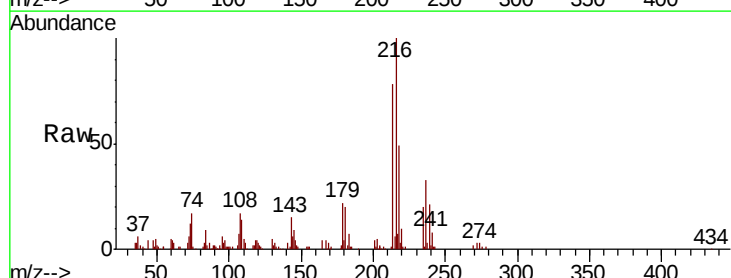
Ion Ratio Lower Upper

216 100

214 77.4 62.2 93.4

179 21.3 16.6 25.0

108 15.9 13.7 20.5



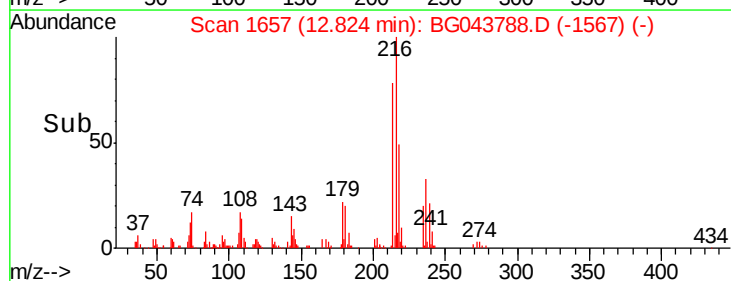
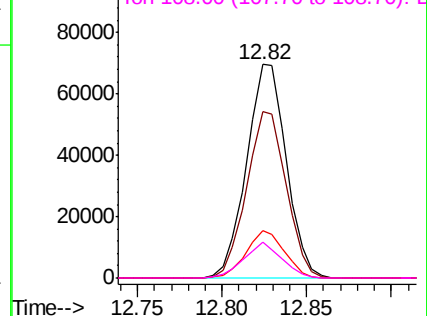
Abundance

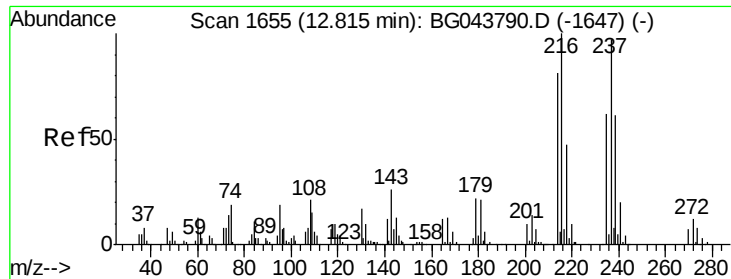
Ion 216.00 (215.70 to 216.70): E

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: 7.294 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

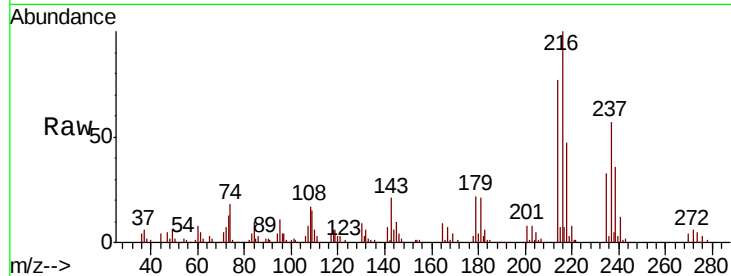
Tot Ion:237 Resp: 44463

Ion Ratio Lower Upper

237 100

235 57.9 43.9 83.9

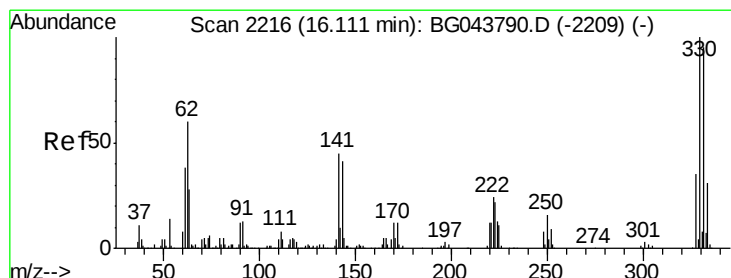
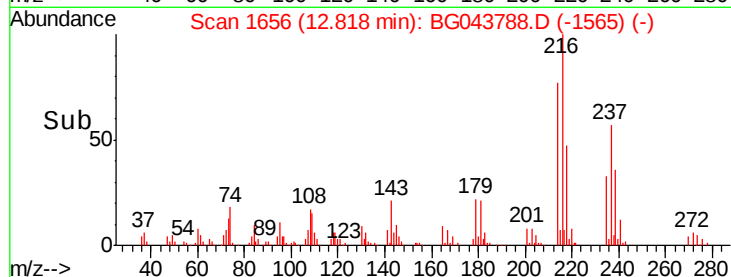
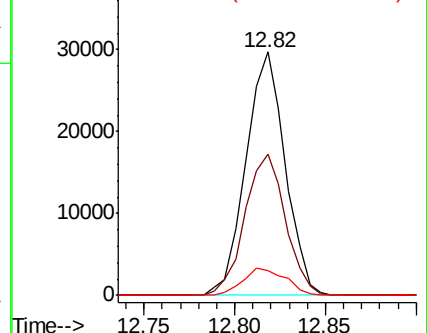
272 10.2 0.0 32.0



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: 14.633 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

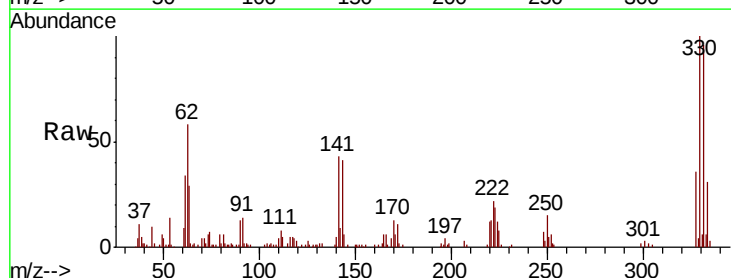
Tgt Ion:330 Resp: 62586

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

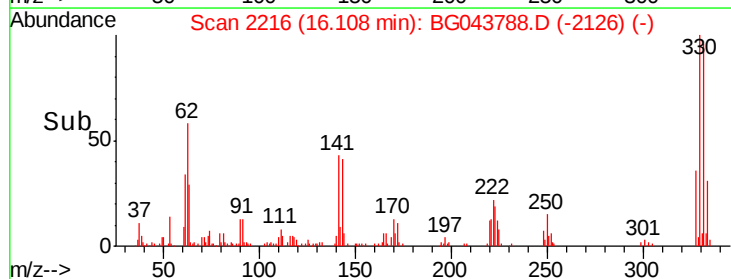
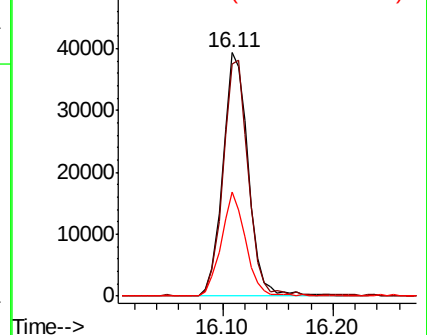
141 41.0 33.8 50.8

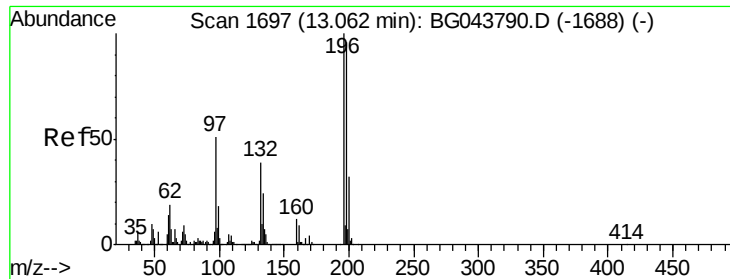


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

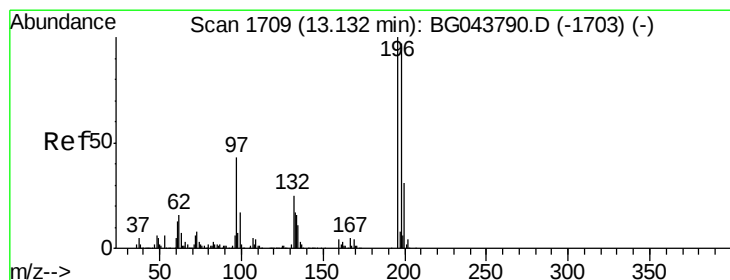
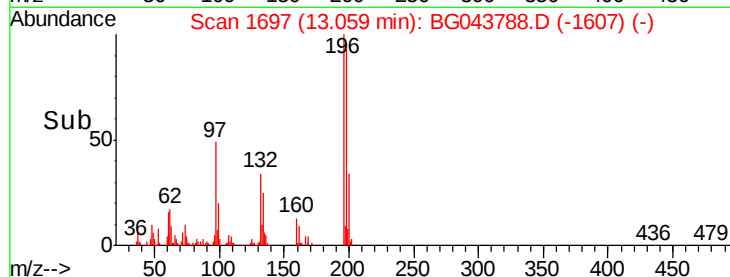
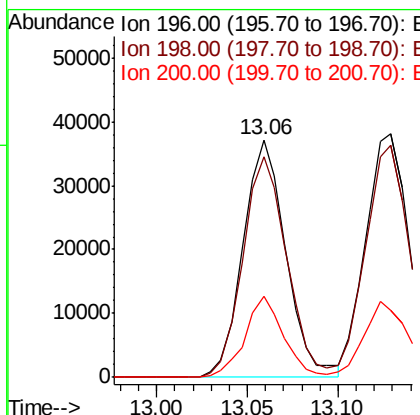
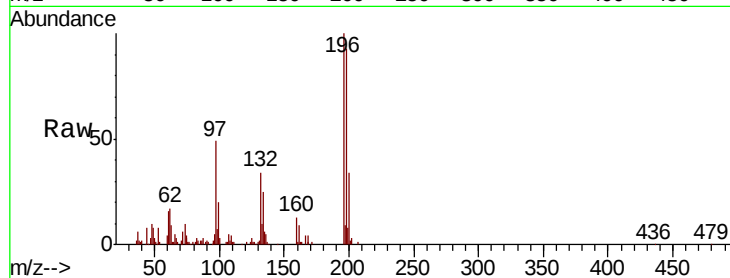




#43
 2,4,6-Trichlorophenol
 Concen: 8.428 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

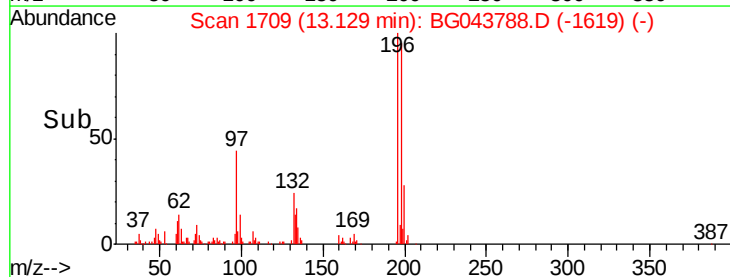
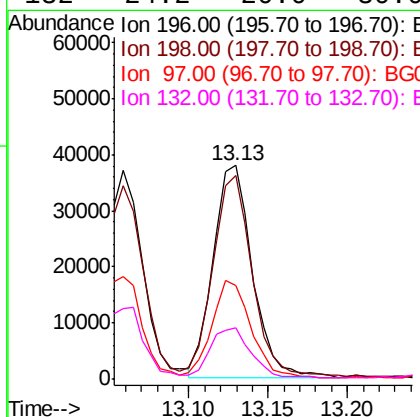
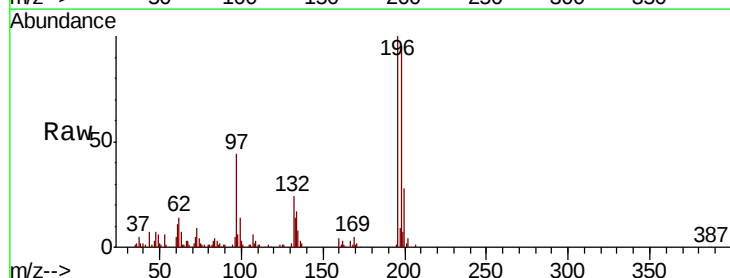
Instrument :
 BNA_G
 ClientSampleId :

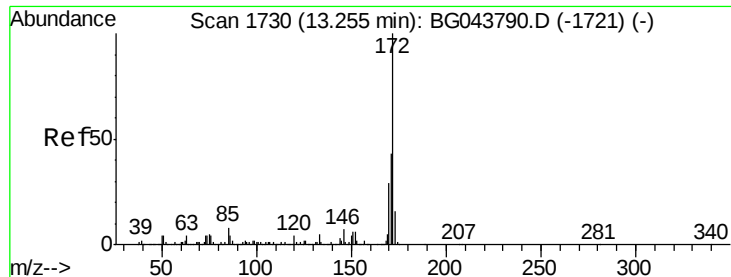
Tot Ion	196	Resp	61158
Ion Ratio	Lower	Upper	
196	100		
198	93.0	77.0	115.6
200	34.2	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 8.671 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

Tgt Ion	196	Resp	65462
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.4	116.0
97	43.9	34.7	52.1
132	24.2	20.0	30.0

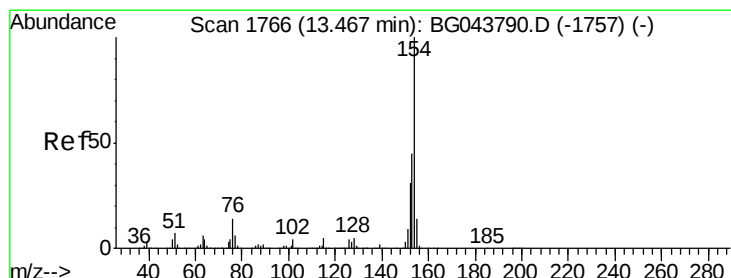
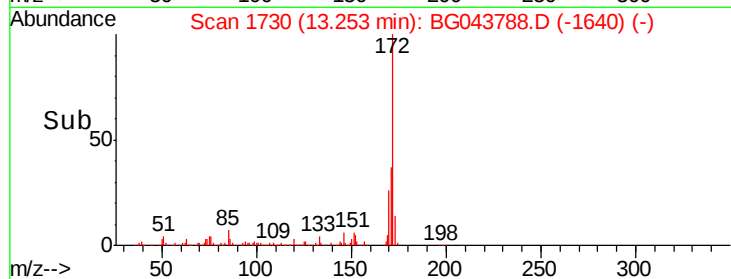
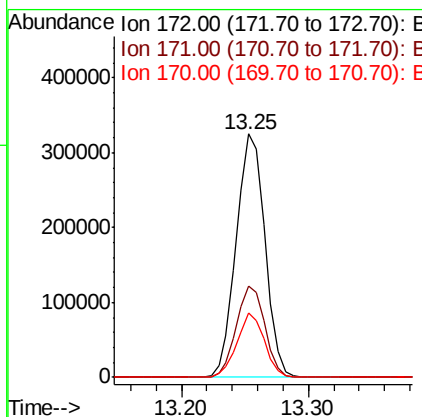
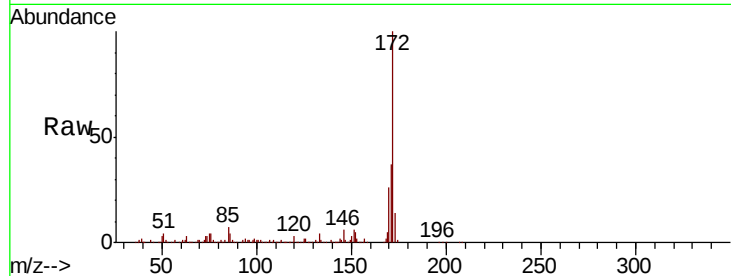




#45
2-Fluorobiphenyl
Concen: 23.630 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

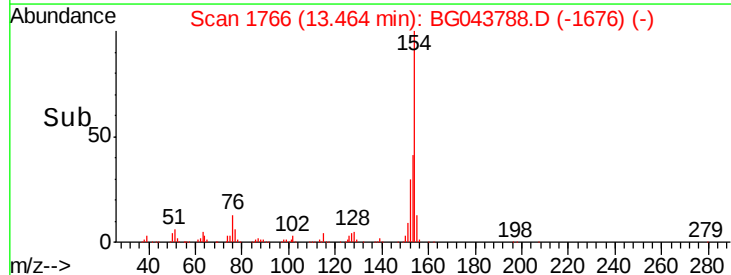
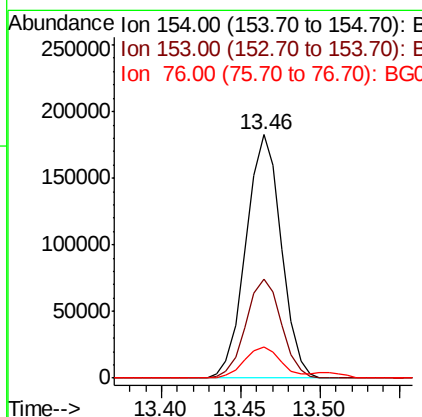
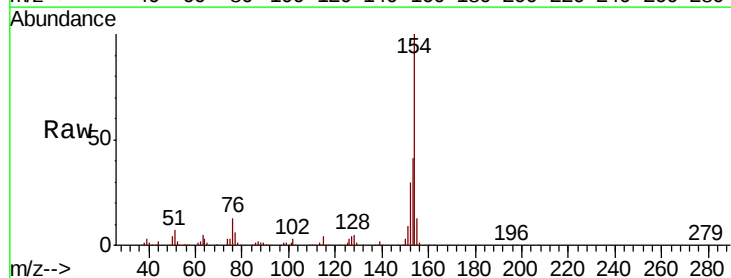
Instrument :
BNA_G
ClientSampleId :

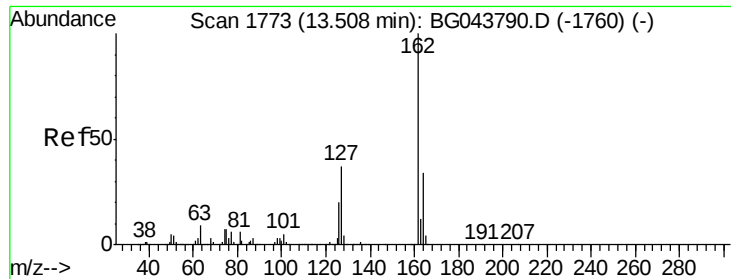
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	34.6	51.8
170	26.2	23.3	34.9



#46
1,1'-Biphenyl
Concen: 11.481 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	24.5	64.5
76	13.0	0.0	33.9





#47

2-Chloronaphthalene

Concen: 11.247 ng

RT: 13.51 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

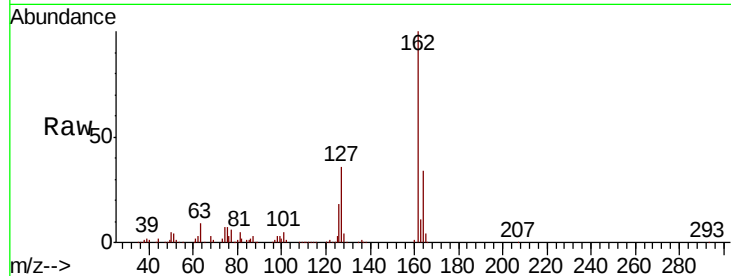
Tot Ion:162 Resp: 225444

Ion Ratio Lower Upper

162 100

127 35.6 30.0 45.0

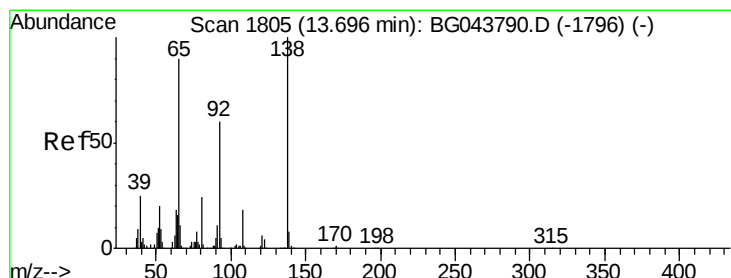
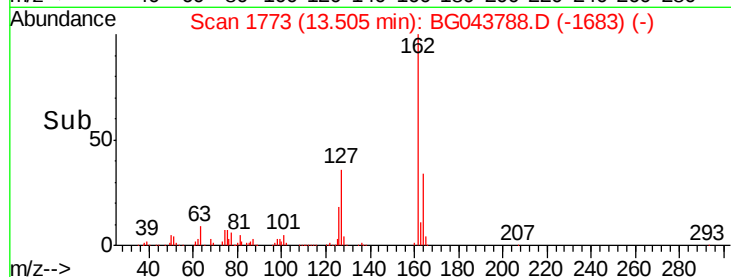
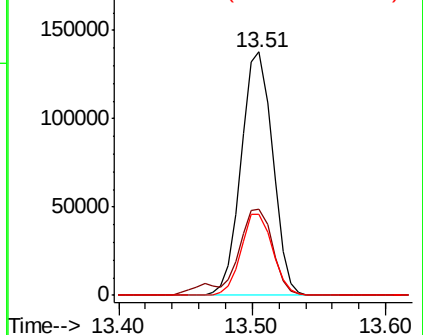
164 33.5 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 8.244 ng

RT: 13.69 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

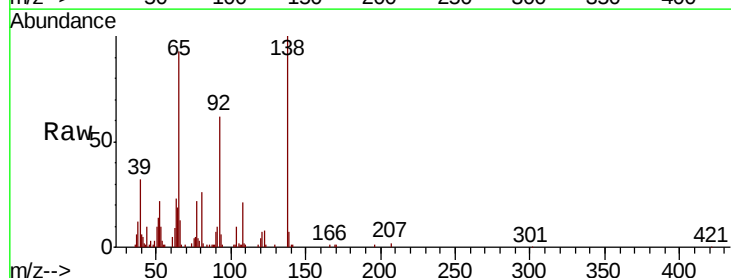
Tgt Ion: 65 Resp: 48375

Ion Ratio Lower Upper

65 100

92 66.7 53.7 80.5

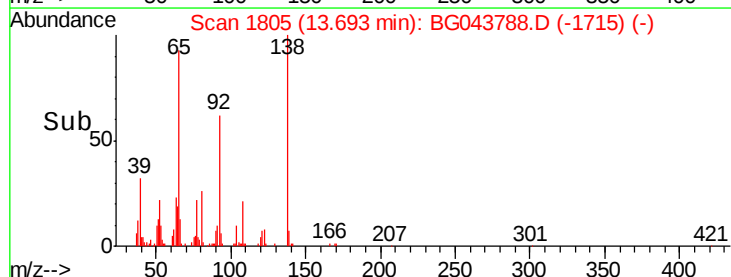
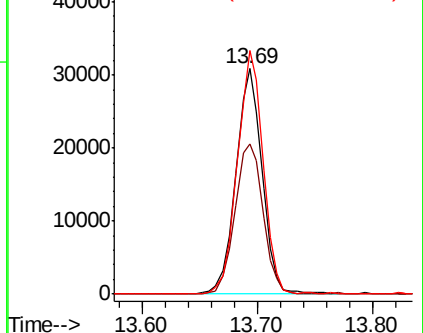
138 108.0 88.8 133.2

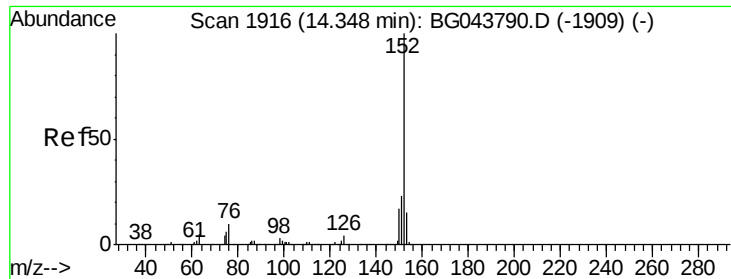


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 11.171 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

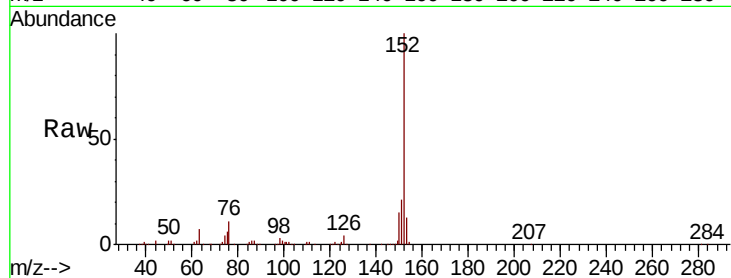
Tot Ion:152 Resp: 352287

Ion Ratio Lower Upper

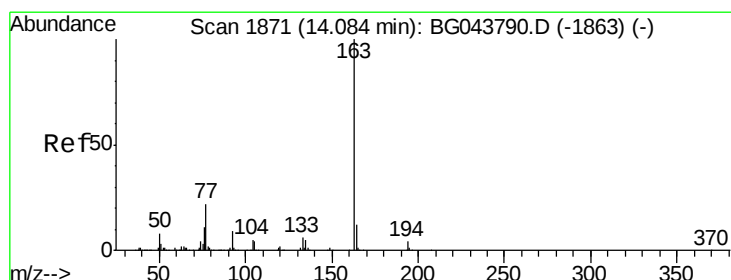
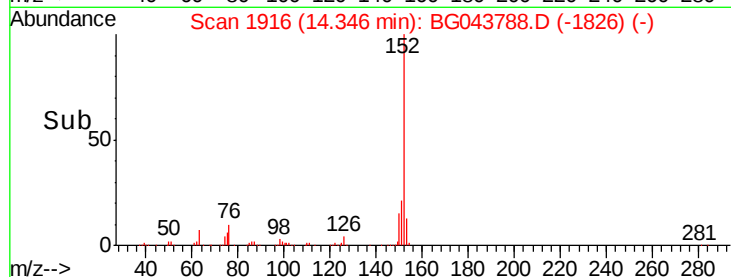
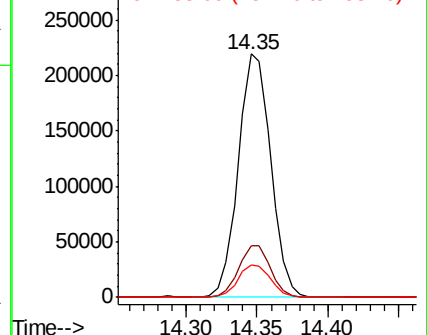
152 100

151 21.3 18.5 27.7

153 13.4 11.8 17.8



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: 10.451 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

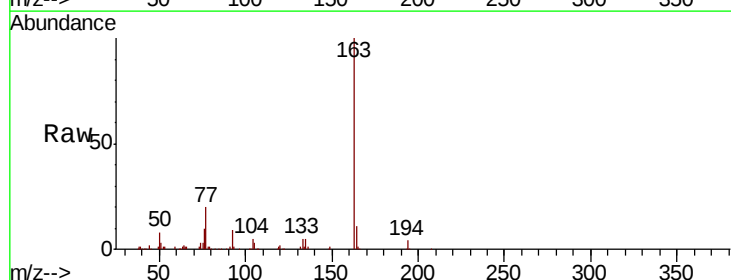
Tgt Ion:163 Resp: 293559

Ion Ratio Lower Upper

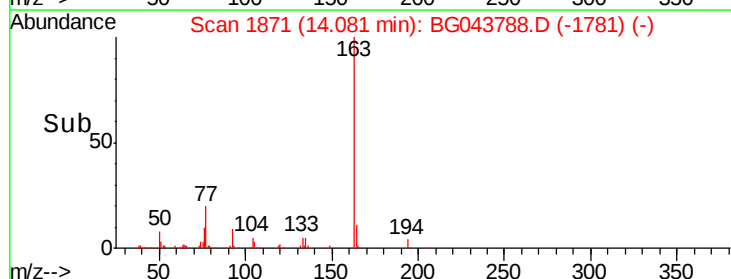
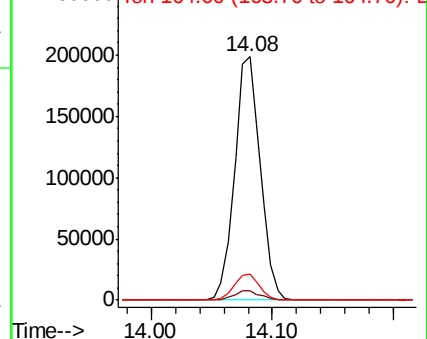
163 100

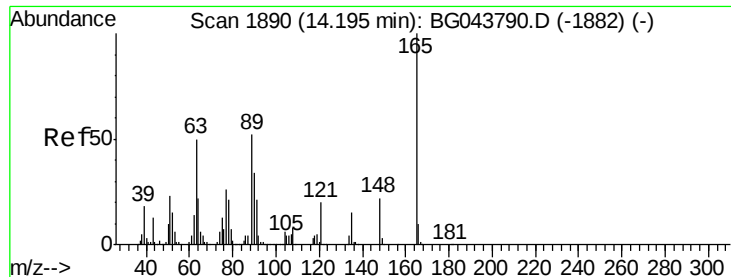
194 4.0 3.6 5.4

164 10.5 9.4 14.0



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

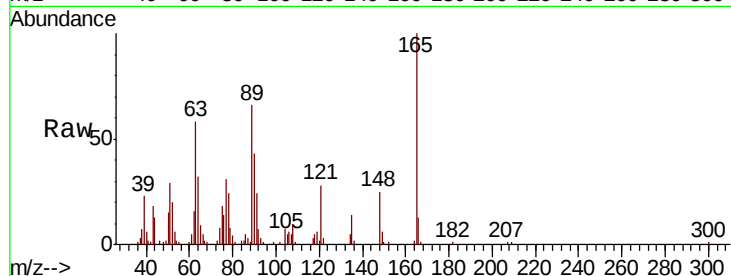




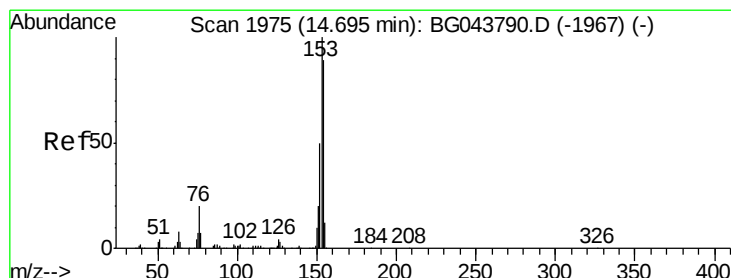
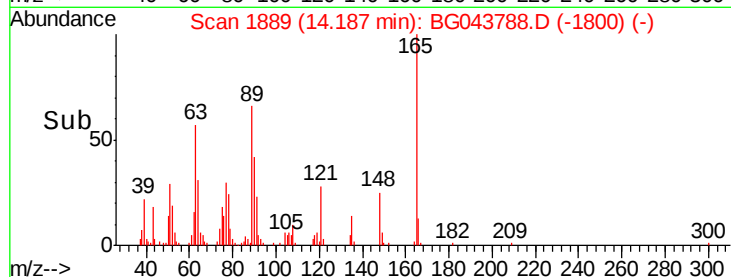
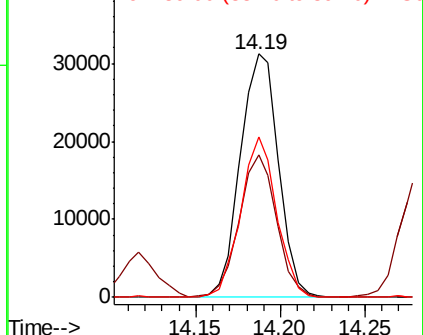
#51
 2,6-Dinitrotoluene
 Concen: 9.400 ng
 RT: 14.19 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 49032
 Ion Ratio Lower Upper
 165 100
 63 58.3 40.3 60.5
 89 65.7 41.8 62.8#

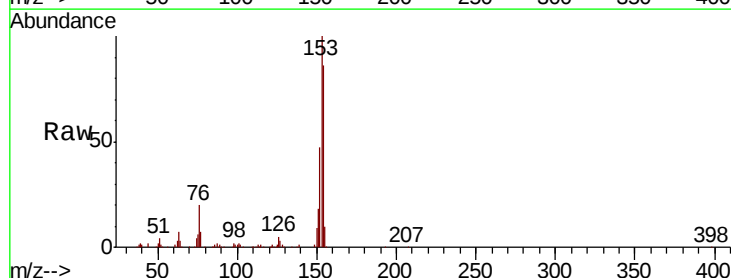


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

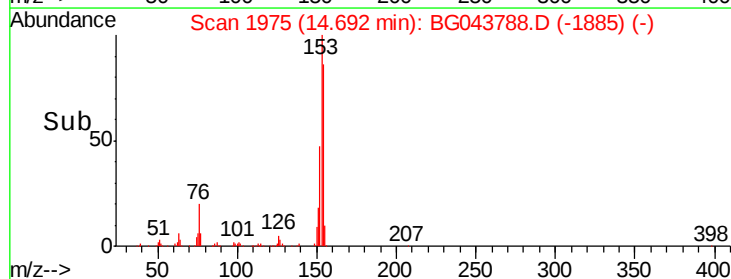
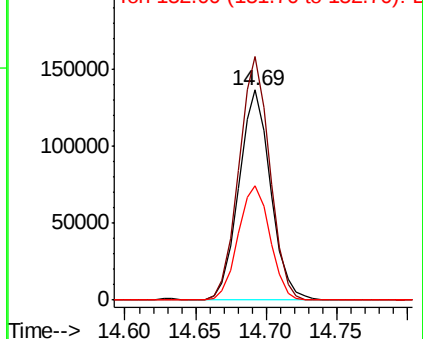


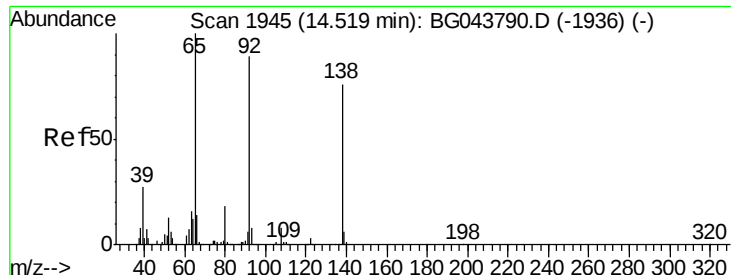
#52
 Acenaphthene
 Concen: 10.687 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

Tgt Ion:154 Resp: 215538
 Ion Ratio Lower Upper
 154 100
 153 115.9 89.5 134.3
 152 54.6 45.0 67.4



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

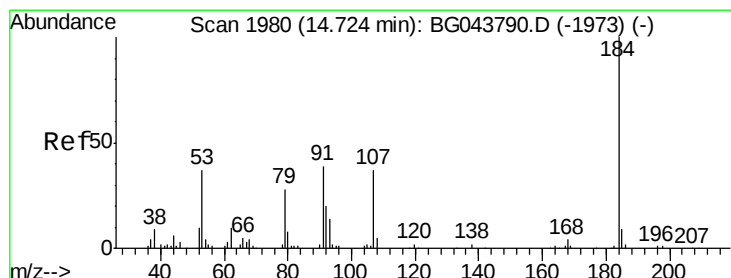
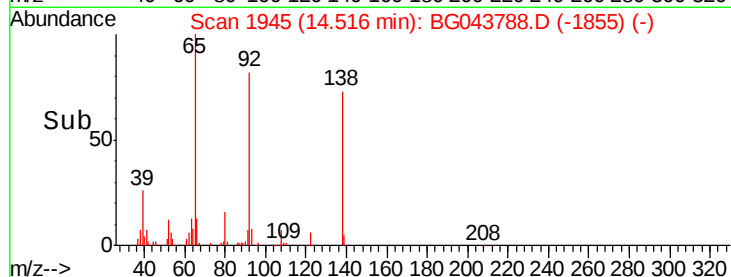
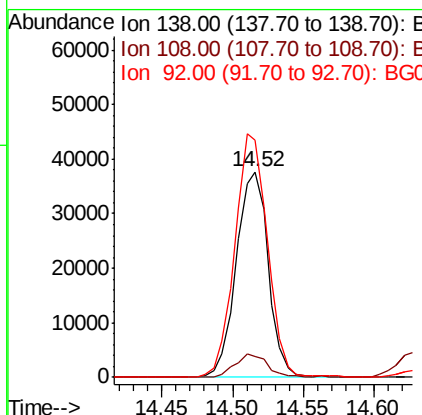
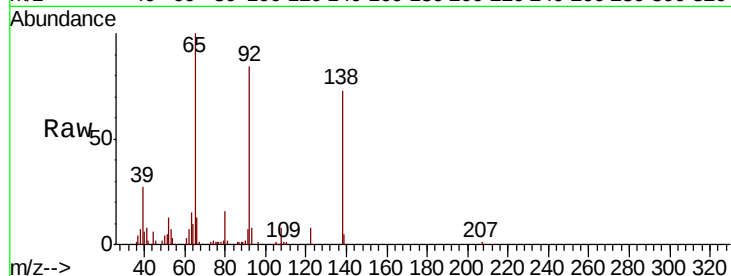




#53
3-Nitroaniline
Concen: 9.732 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

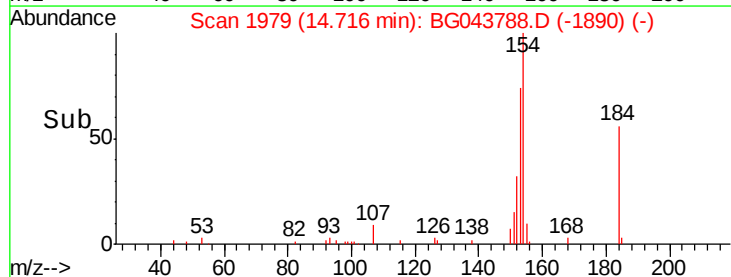
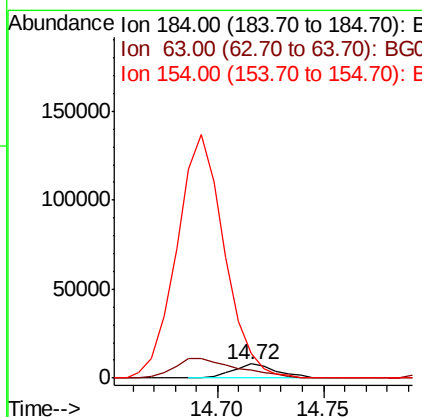
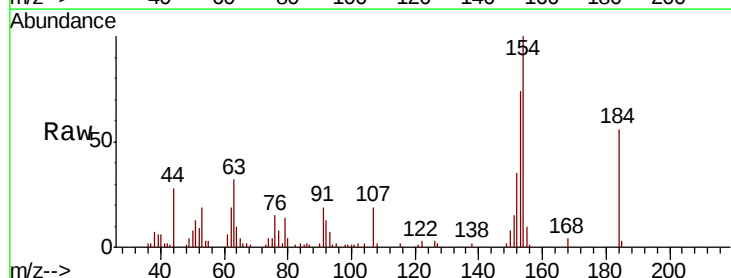
Instrument :
BNA_G
ClientSampleId :

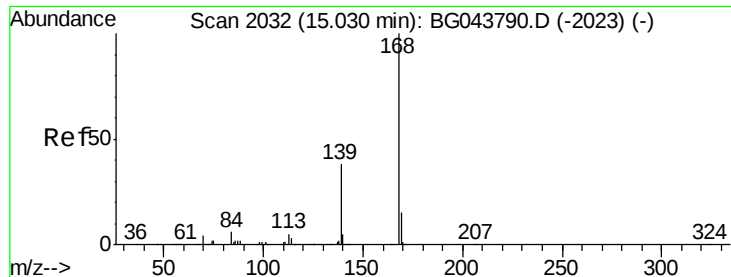
Tot Ion:138 Resp: 59299
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 115.6 94.6 141.8



#54
2,4-Dinitrophenol
Concen: 5.446 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Tgt Ion:184 Resp: 11606
Ion Ratio Lower Upper
184 100
63 56.8 43.4 65.0
154 177.5 54.8 82.2#

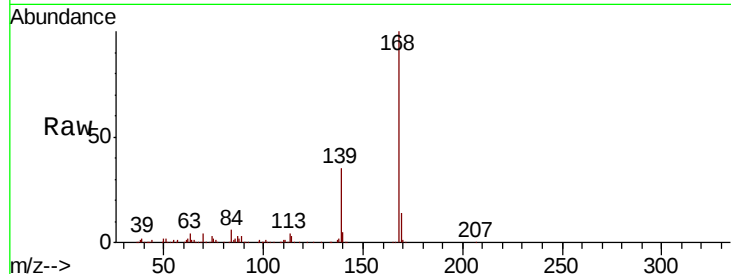




#55
Dibenzofuran
Concen: 11.157 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.7	30.4	45.6
169	13.9	12.0	18.0

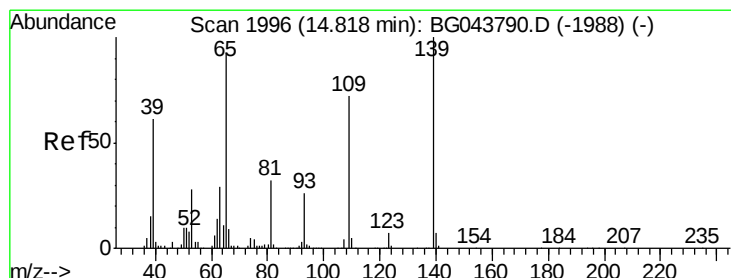
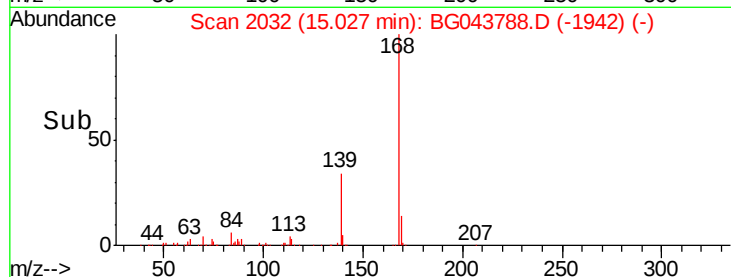
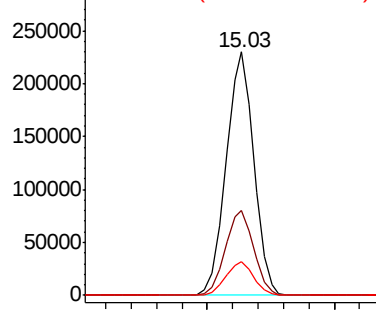


Abundance

Ion 168.00 (167.70 to 168.70): E

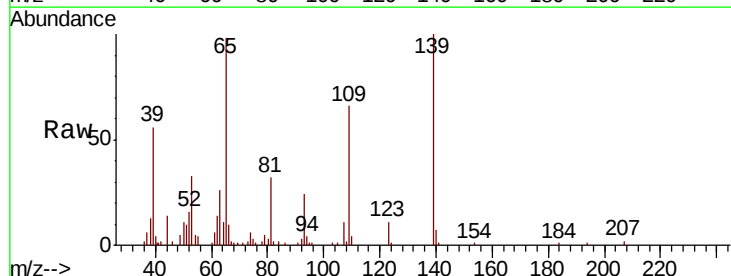
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 7.234 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.0	51.5	91.5
65	98.3	73.7	113.7

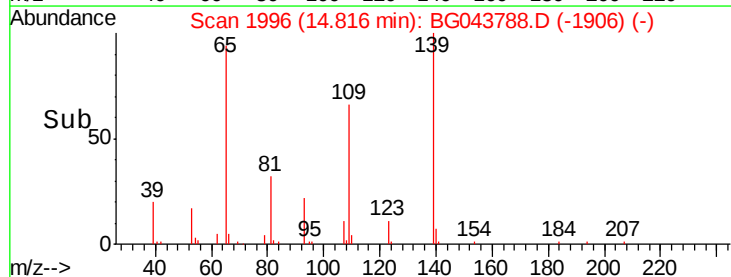
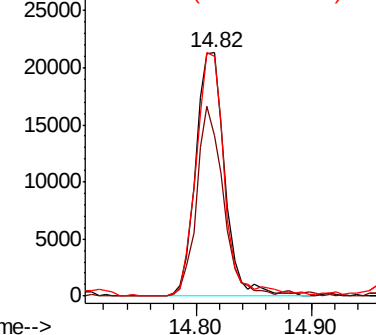


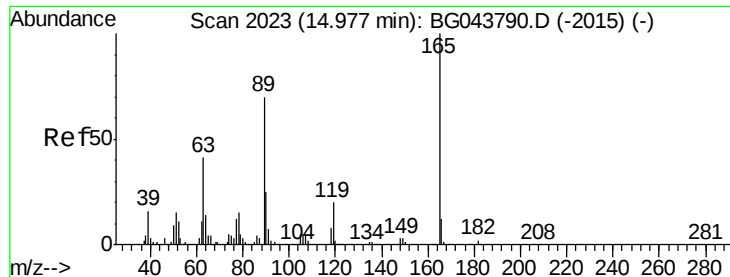
Abundance

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

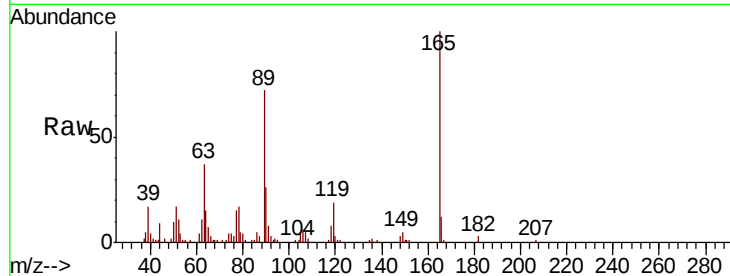




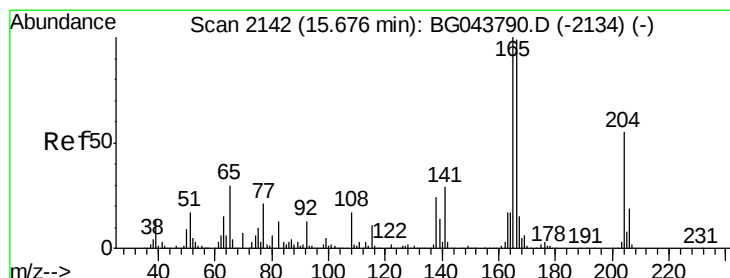
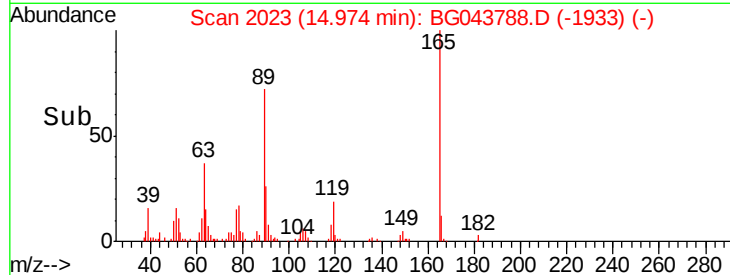
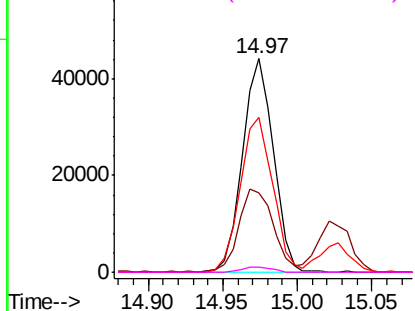
#57
2,4-Dinitrotoluene
Concen: 8.718 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	165	Resp:	63069
Ion	Ratio	Lower	Upper
165	100		
63	37.3	32.7	49.1
89	72.4	56.1	84.1
182	2.6	2.0	3.0

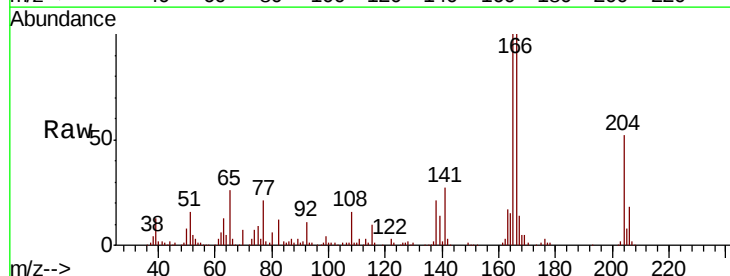


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

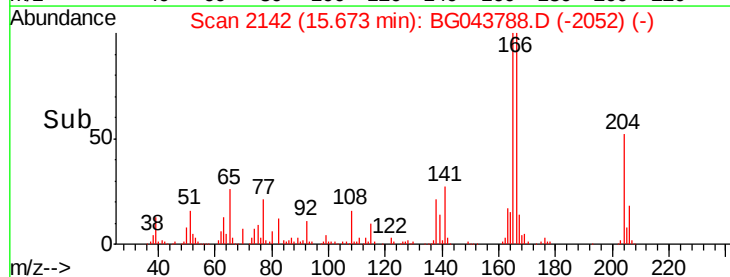
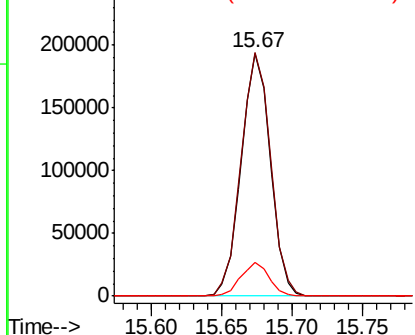


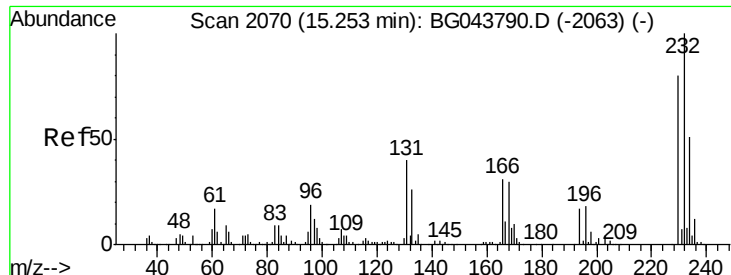
#58
Fluorene
Concen: 10.871 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Tgt Ion:	166	Resp:	280095
Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.5	120.7
167	13.7	12.1	18.1



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

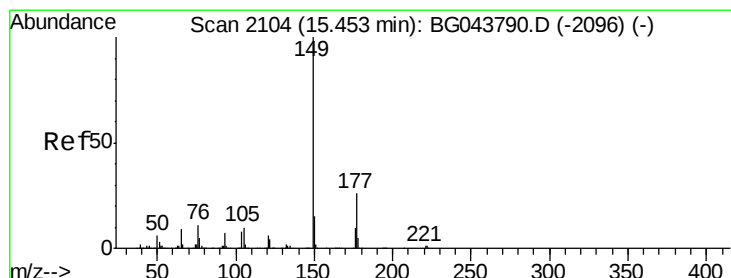
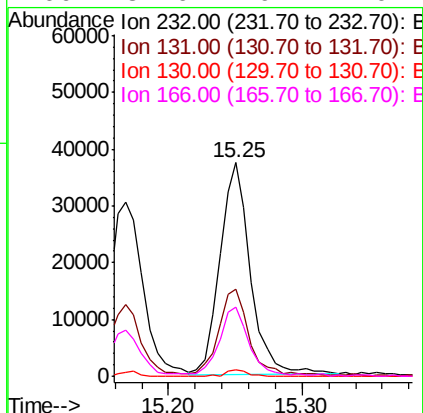
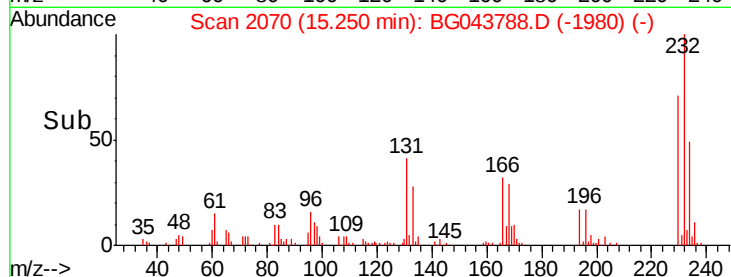
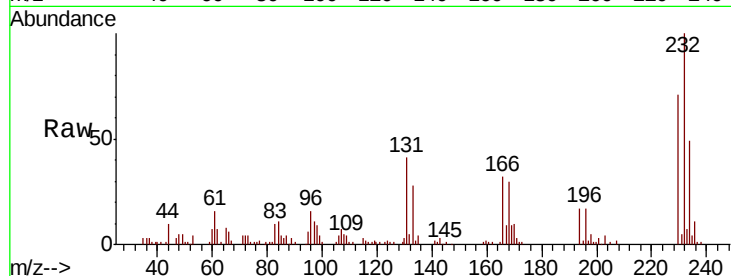




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.922 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

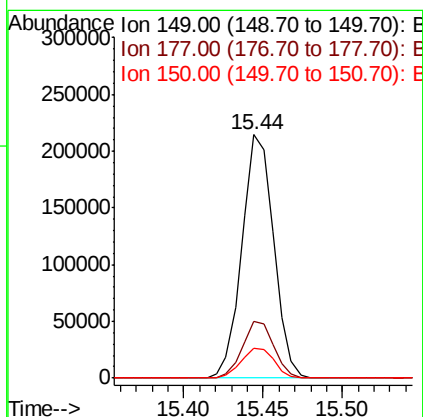
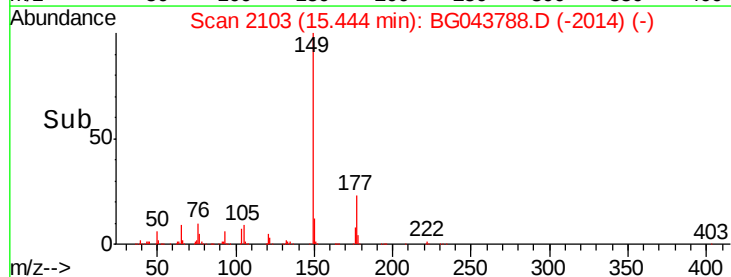
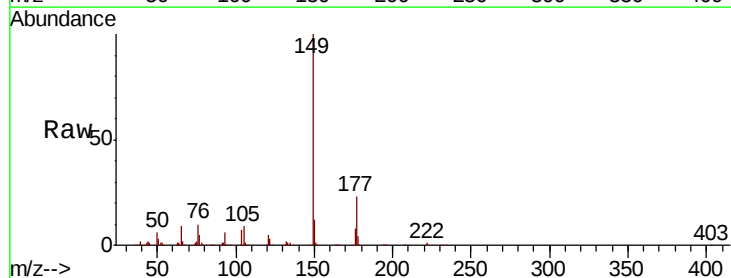
Instrument :
 BNA_G
 ClientSampleId :

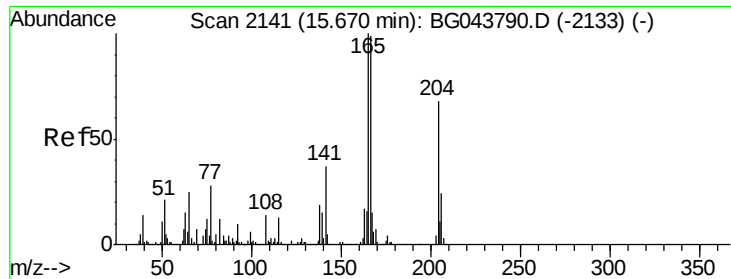
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.6	27.9	41.9
130	2.1	1.8	2.8
166	32.6	19.4	29.2



#60
 Diethylphthalate
 Concen: 10.111 ng
 RT: 15.44 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	20.4	30.6
150	12.2	11.6	17.4

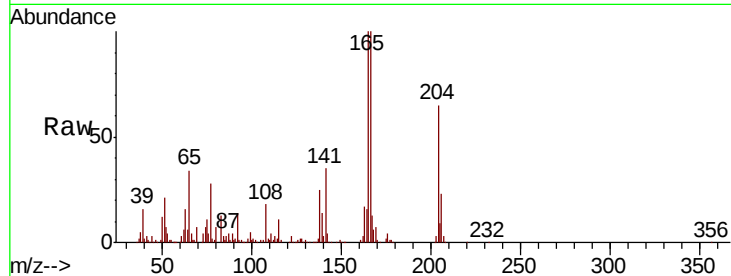




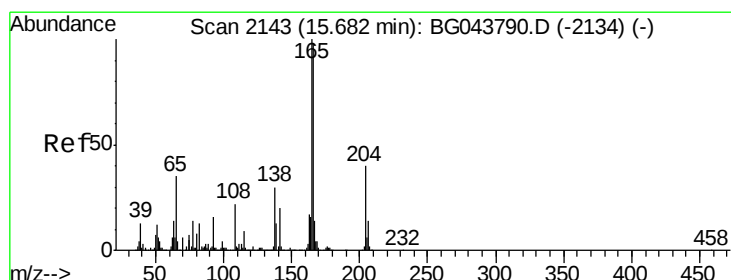
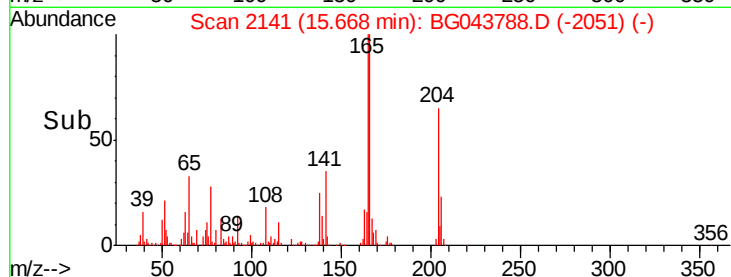
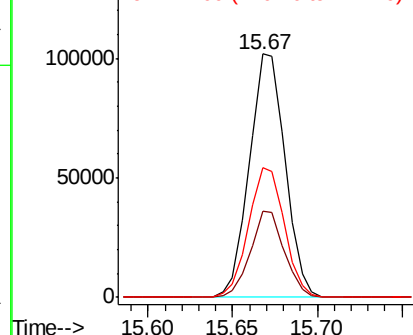
#61
4-Chlorophenyl-phenylether
Concen: 10.614 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 150568
Ion Ratio Lower Upper
204 100
206 35.2 28.1 42.1
141 53.2 44.1 66.1

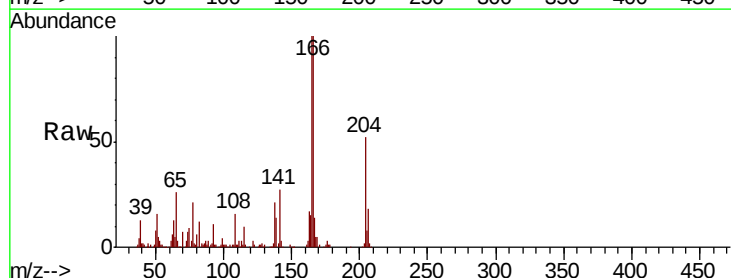


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

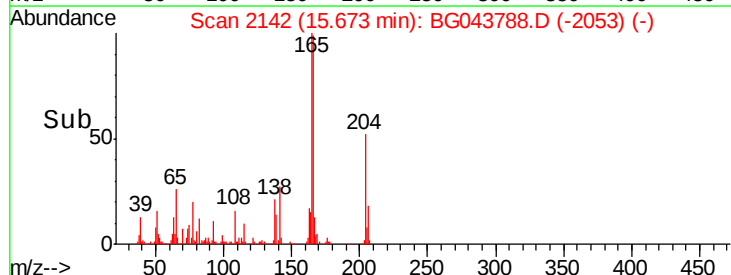
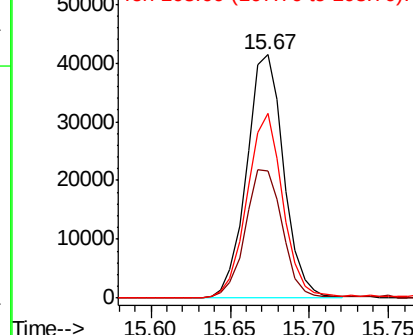


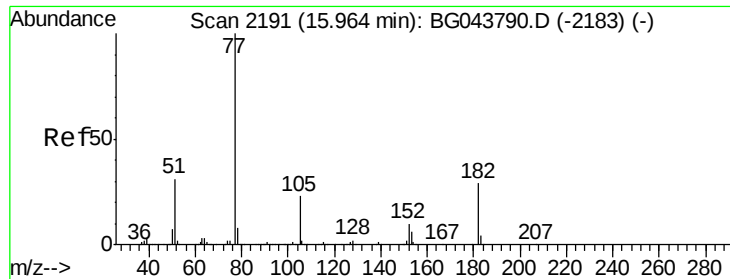
#62
4-Nitroaniline
Concen: 9.624 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Tgt Ion:138 Resp: 67241
Ion Ratio Lower Upper
138 100
92 52.4 31.5 71.5
108 75.9 53.1 93.1



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





#63

Azobenzene

Concen: 10.435 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 275884

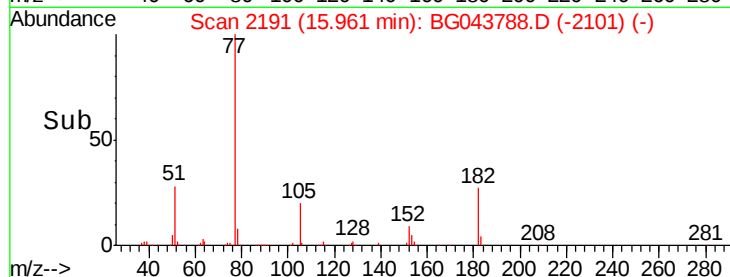
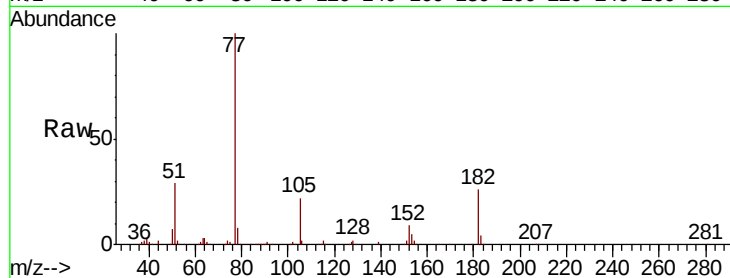
Ion Ratio Lower Upper

77 100

182 26.2 9.0 49.0

105 22.0 2.9 42.9

51 29.1 10.6 50.6

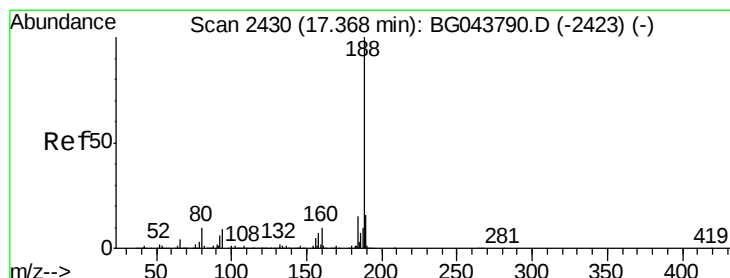
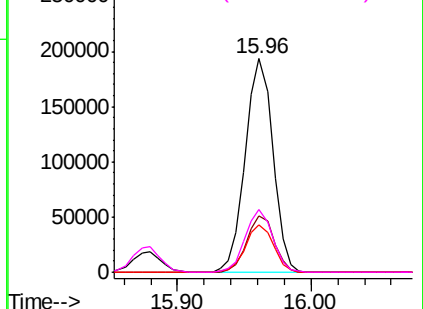


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

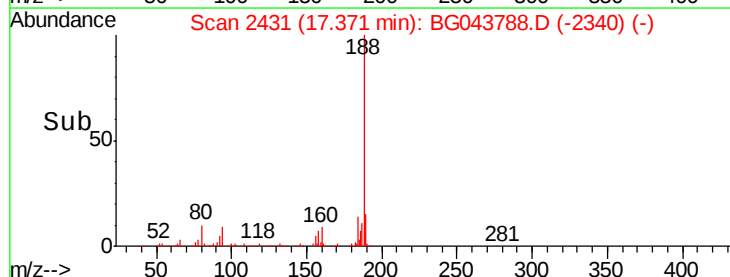
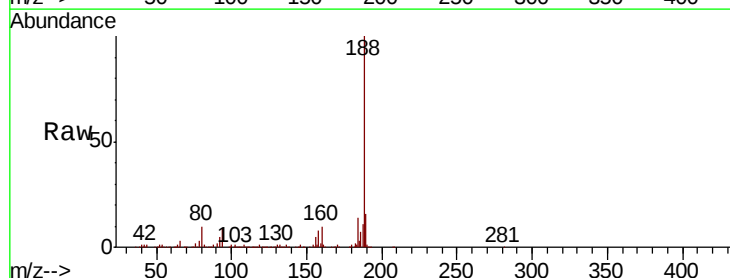
Tgt Ion: 188 Resp: 808272

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

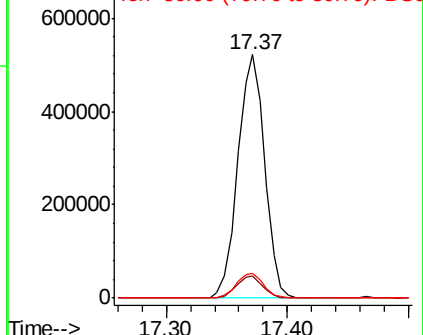
80 10.2 7.8 11.8

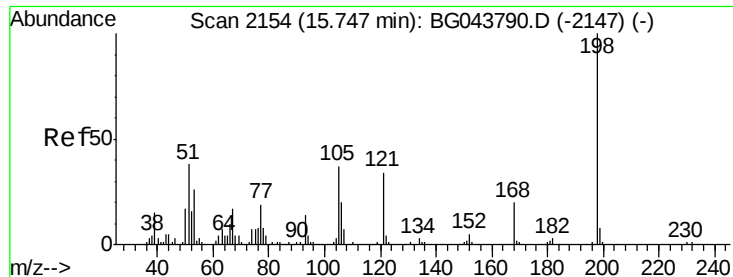


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 6.504 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

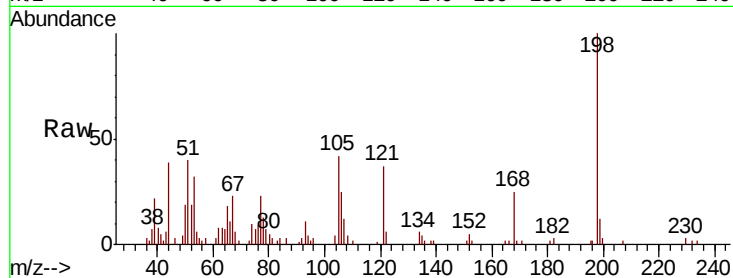
Tot Ion:198 Resp: 17839

Ion Ratio Lower Upper

198 100

51 40.0 18.9 58.9

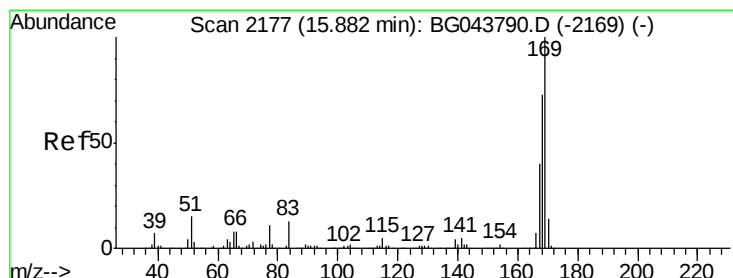
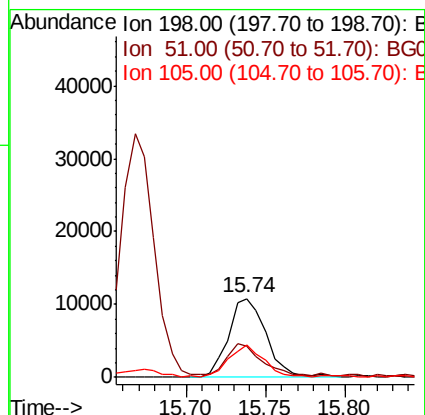
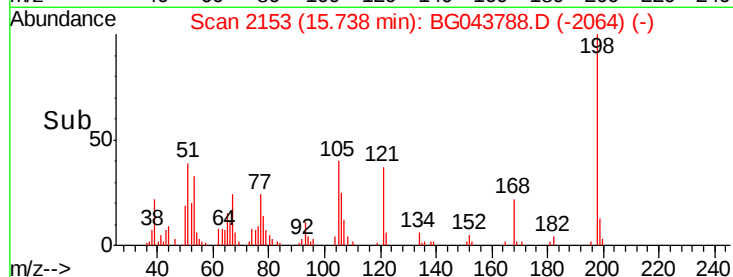
105 41.5 18.1 58.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043788.D (-2064) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 11.754 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

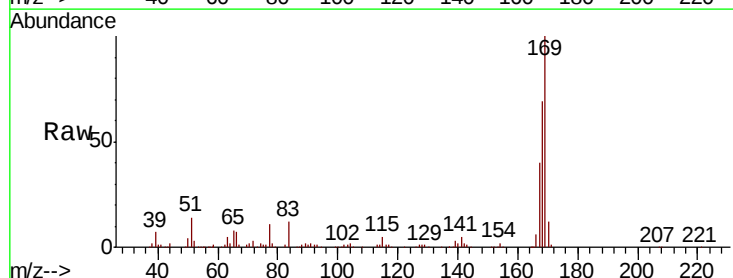
Tgt Ion:169 Resp: 251530

Ion Ratio Lower Upper

169 100

168 69.2 58.5 87.7

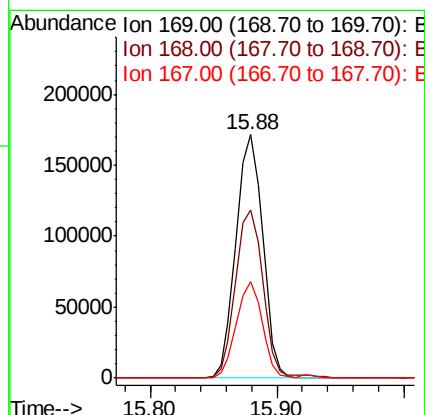
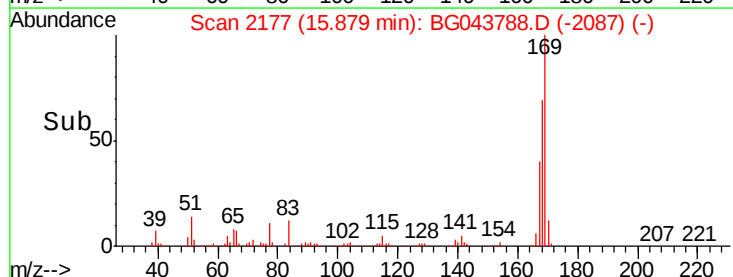
167 39.6 32.1 48.1

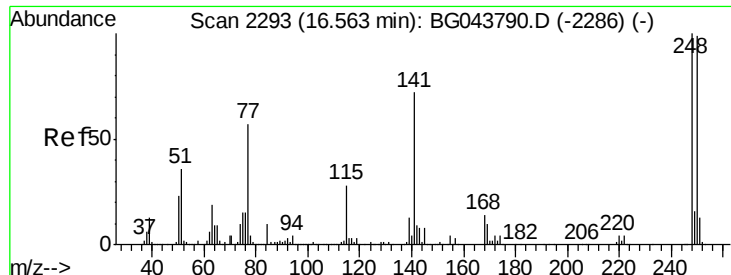


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 10.529 ng

RT: 16.56 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

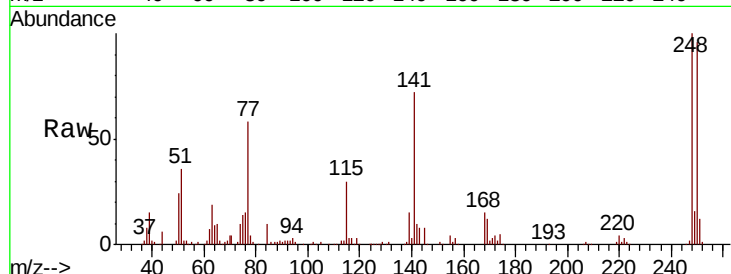
Tot Ion:248 Resp: 89747

Ion Ratio Lower Upper

248 100

250 95.8 79.0 118.6

141 71.5 57.8 86.6

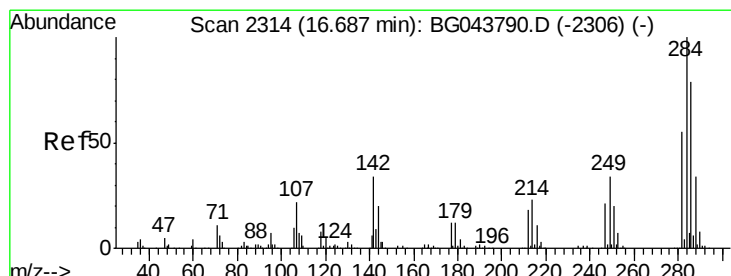
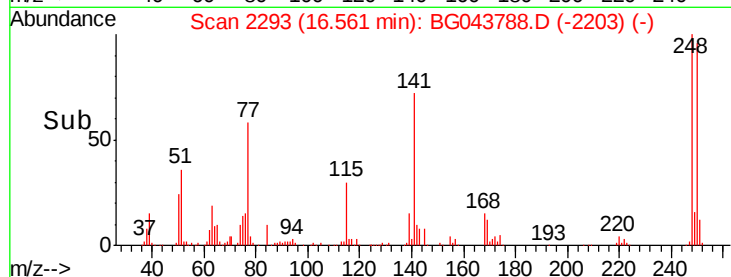
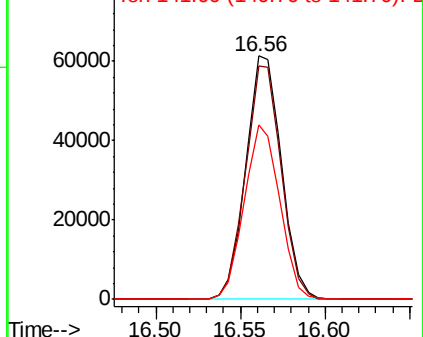


Abundance

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: 10.657 ng

RT: 16.68 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

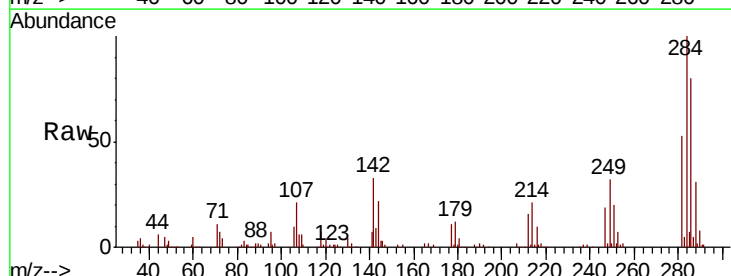
Tgt Ion:284 Resp: 99304

Ion Ratio Lower Upper

284 100

142 33.1 27.0 40.6

249 34.3 27.2 40.8

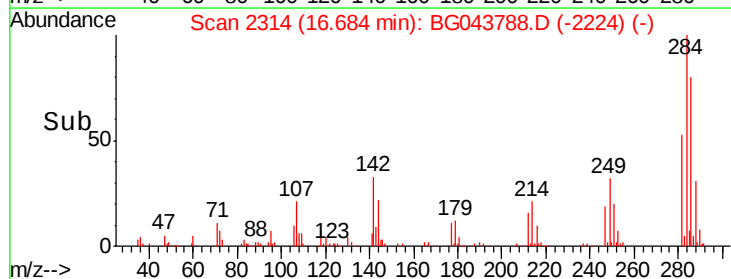
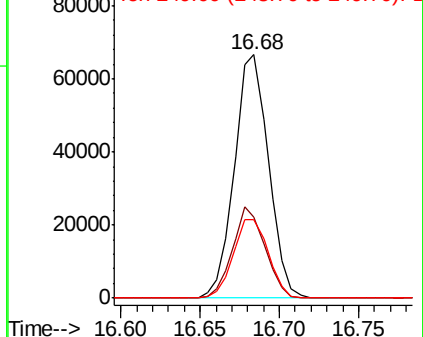


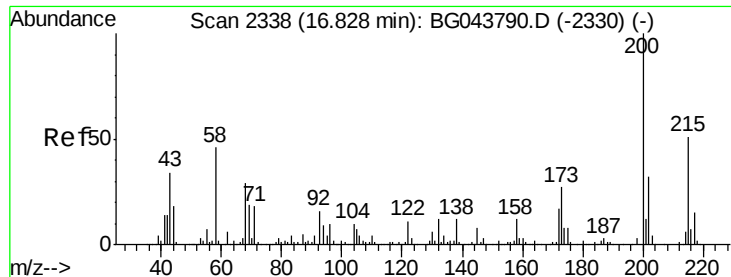
Abundance

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

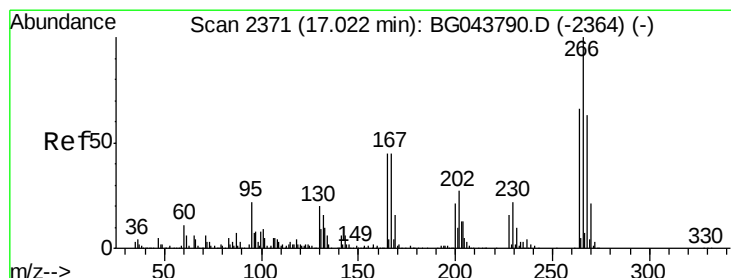
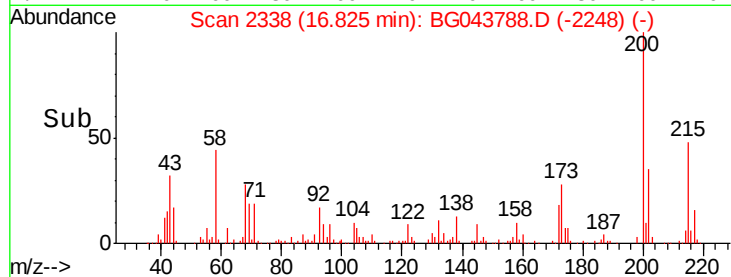
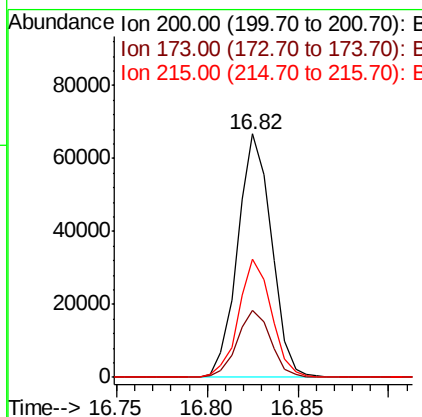
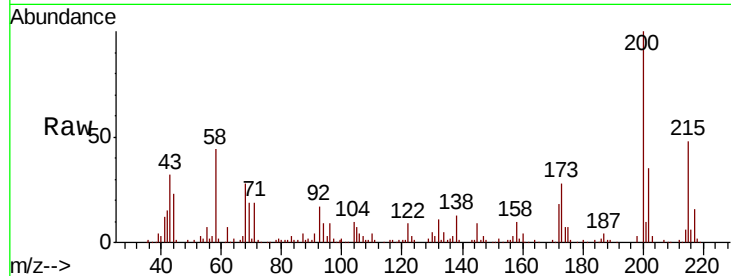




#69
 Atrazine
 Concen: 10.097 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

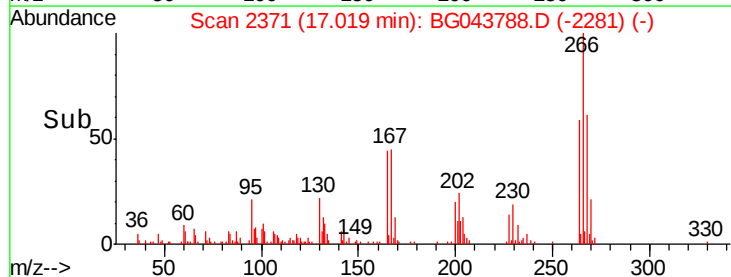
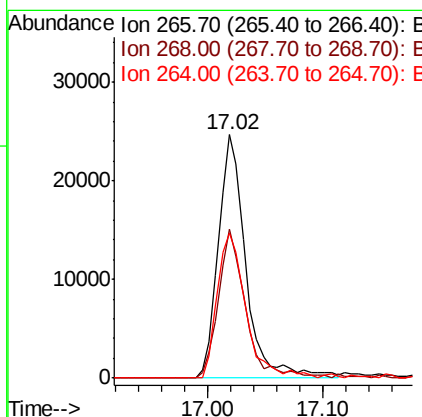
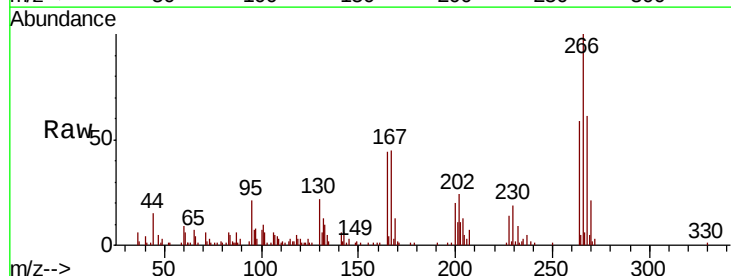
Instrument :
 BNA_G
 ClientSampled :

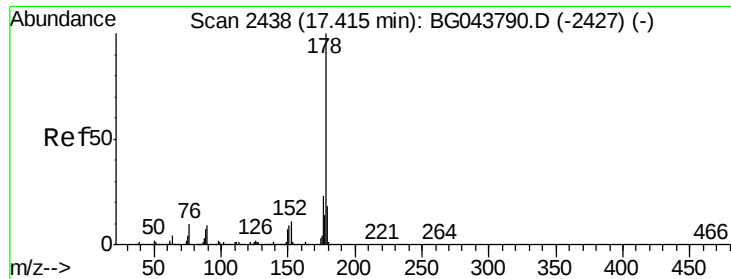
Tot Ion:200 Resp: 86594
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.4 47.4
 215 48.4 30.5 70.5



#70
 Pentachlorophenol
 Concen: 7.170 ng
 RT: 17.02 min Scan# 2371
 Delta R.T. -0.00 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

Tgt Ion:266 Resp: 40767
 Ion Ratio Lower Upper
 266 100
 268 61.0 50.8 76.2
 264 59.4 53.0 79.4

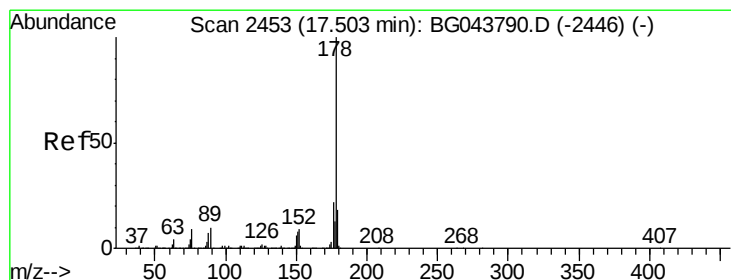
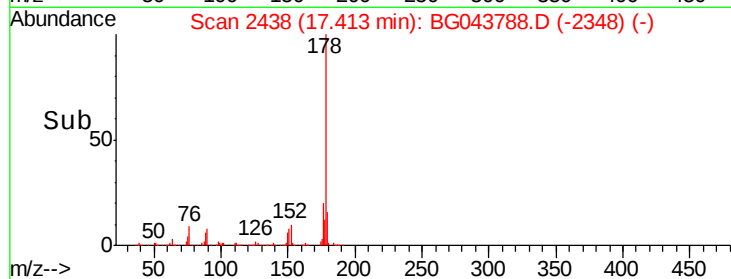
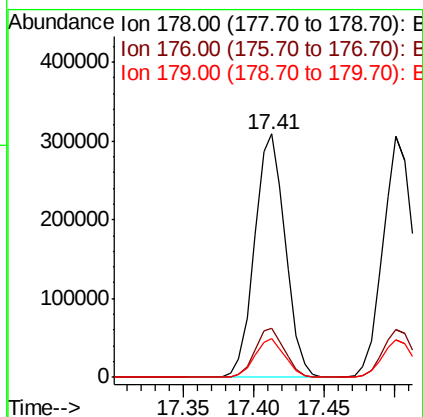
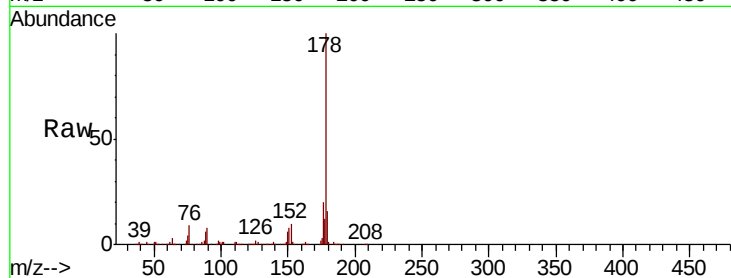




#71
Phenanthrene
Concen: 11.780 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

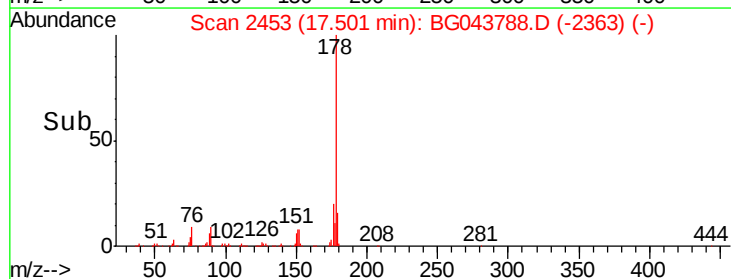
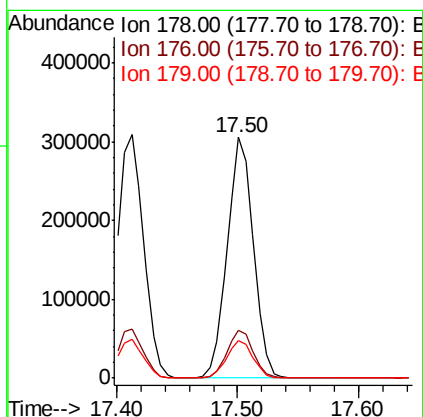
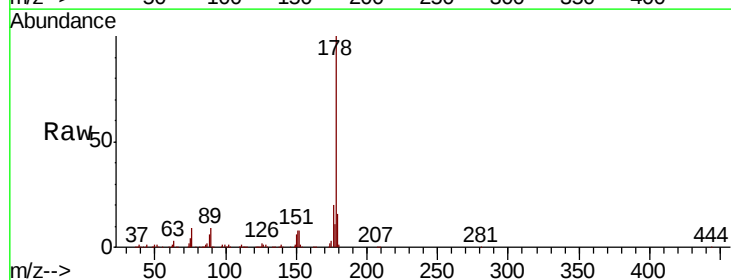
Instrument :
BNA_G
ClientSampleId :

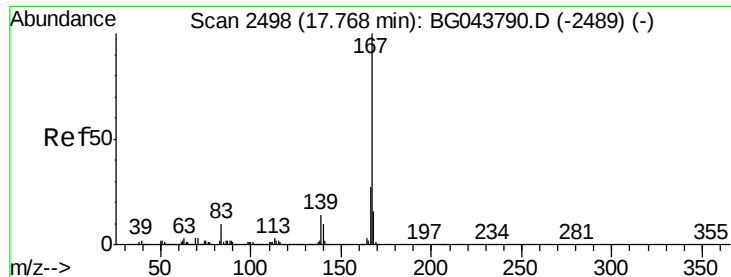
Tot Ion:178 Resp: 471130
Ion Ratio Lower Upper
178 100
176 20.2 18.6 27.8
179 15.7 14.7 22.1



#72
Anthracene
Concen: 11.363 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Tgt Ion:178 Resp: 459090
Ion Ratio Lower Upper
178 100
176 19.7 17.7 26.5
179 15.7 14.5 21.7

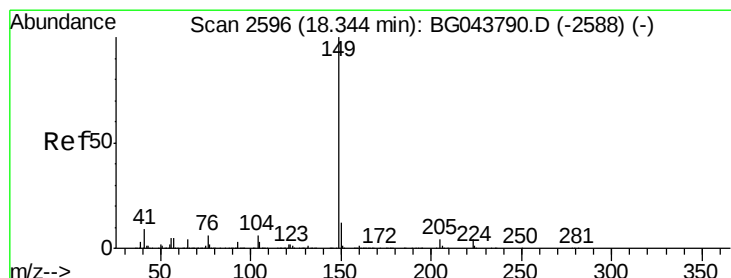
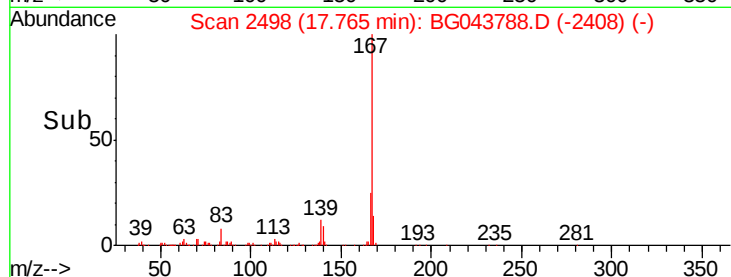
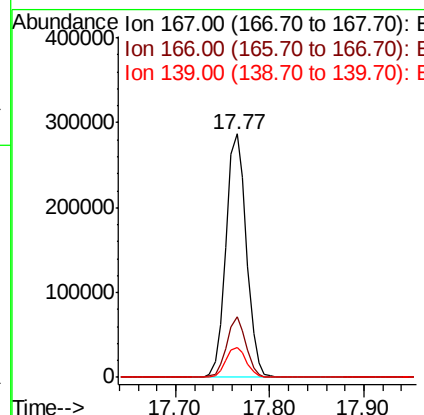
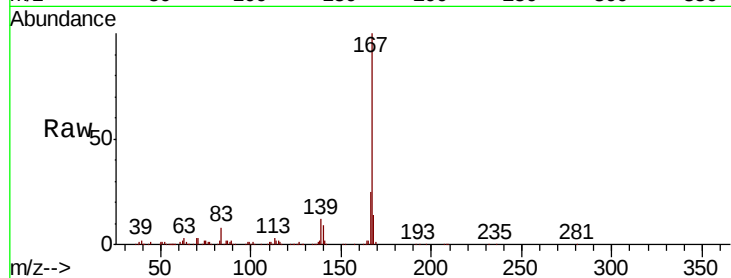




#73
 Carbazole
 Concen: 10.867 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

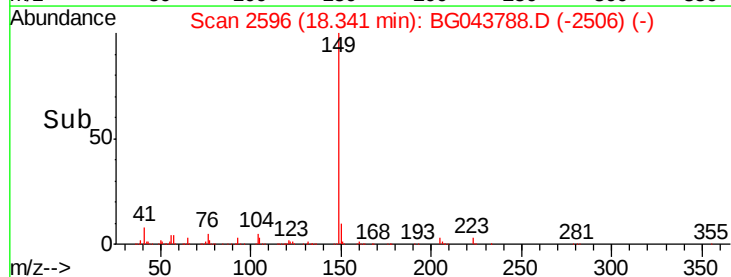
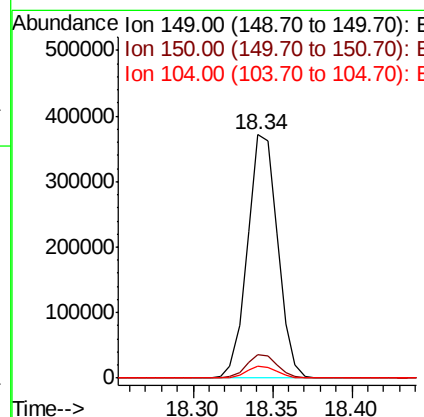
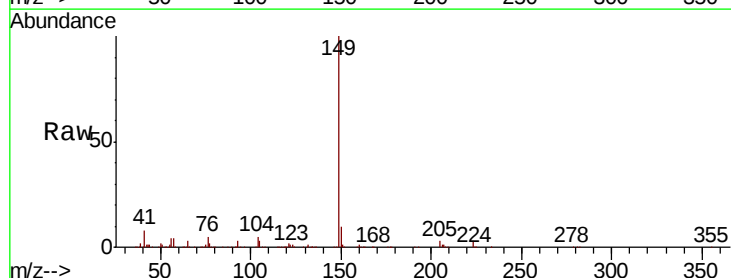
Instrument :
 BNA_G
 ClientSampleId :

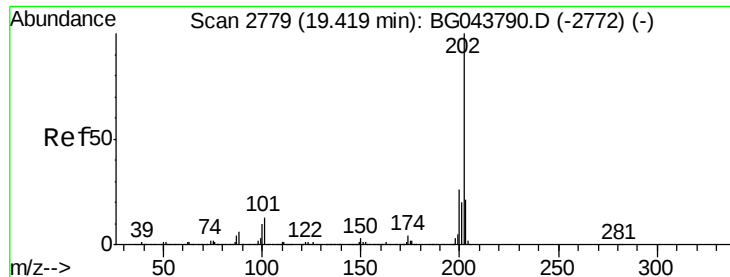
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	21.4	32.2
139	12.3	11.0	16.4



#74
 Di-n-butylphthalate
 Concen: 9.564 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG043788.D
 Acq: 9 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	9.4	14.0
104	4.8	4.8	7.2





#75

Fluoranthene

Concen: 9.806 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

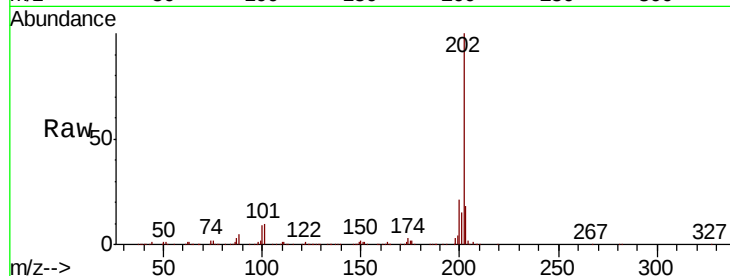
Tot Ion:202 Resp: 562567

Ion Ratio Lower Upper

202 100

101 10.3 0.0 32.7

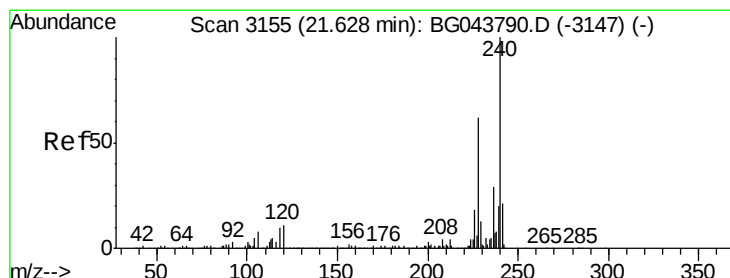
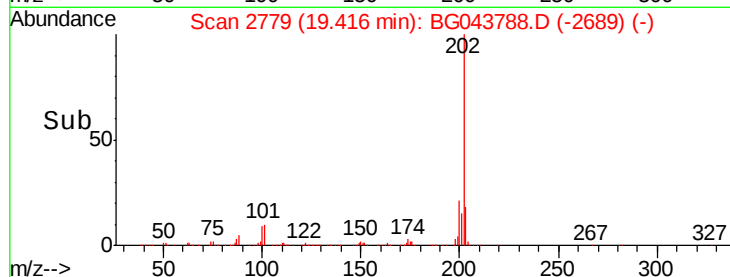
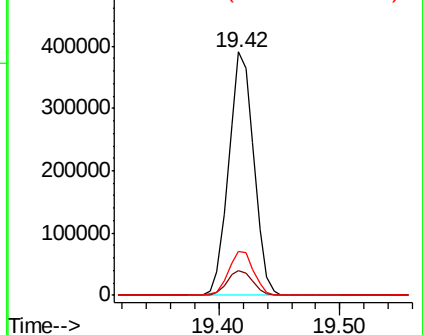
203 18.1 1.0 41.0



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: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

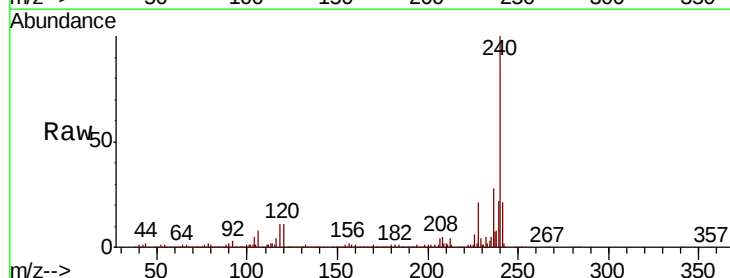
Tgt Ion:240 Resp: 693626

Ion Ratio Lower Upper

240 100

120 11.1 8.6 12.8

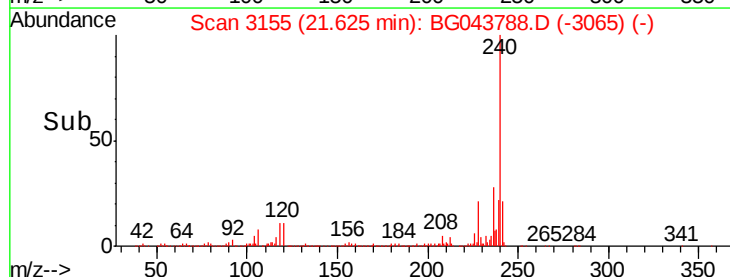
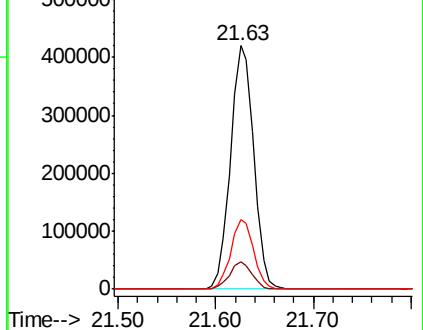
236 28.4 23.1 34.7

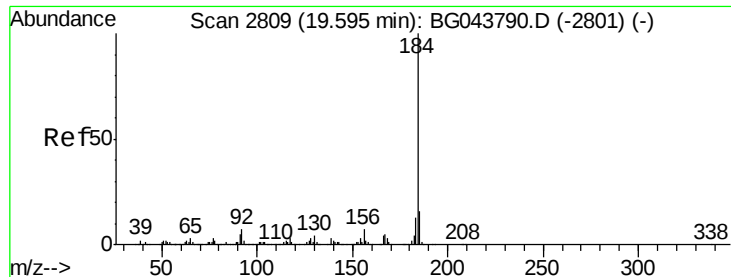


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.514 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

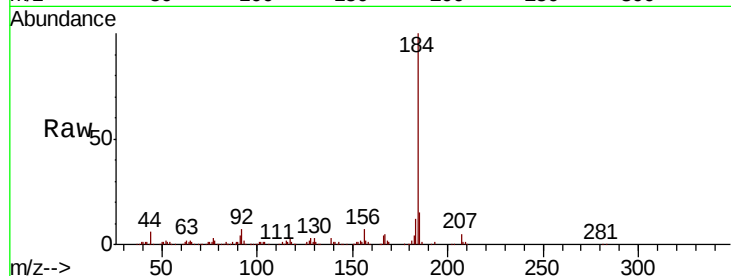
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 131989

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.9	19.3
183	11.8	10.3	15.5

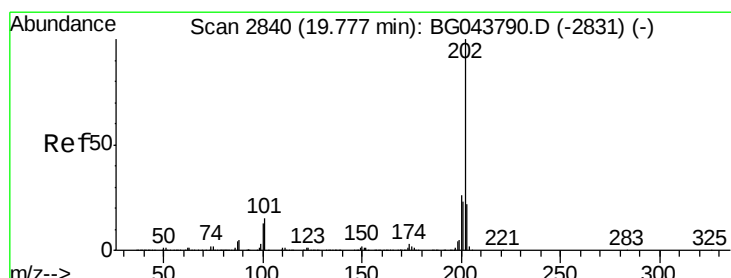
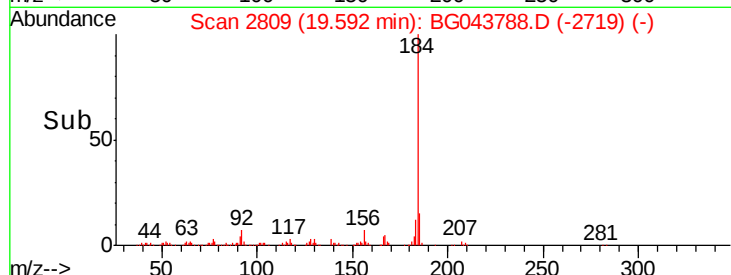
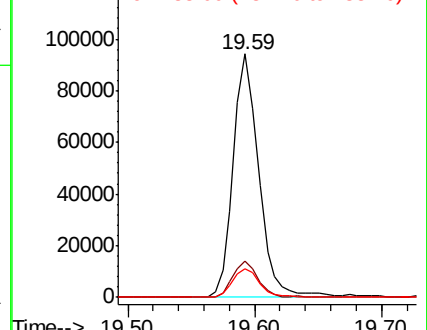


Abundance

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: 13.029 ng

RT: 19.78 min Scan# 2841

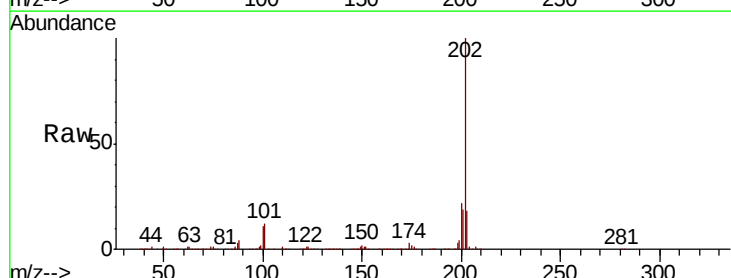
Delta R.T. 0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Tgt Ion:202 Resp: 583253

Ion	Ratio	Lower	Upper
202	100		
200	22.3	20.8	31.2
203	18.4	17.7	26.5

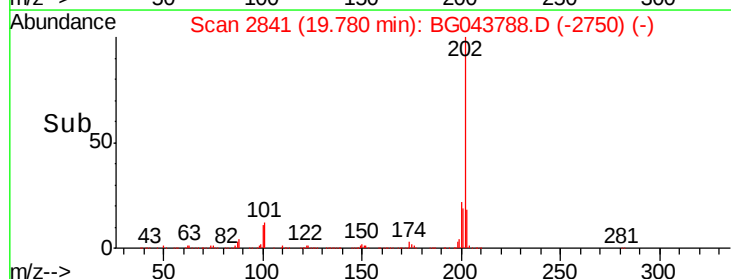
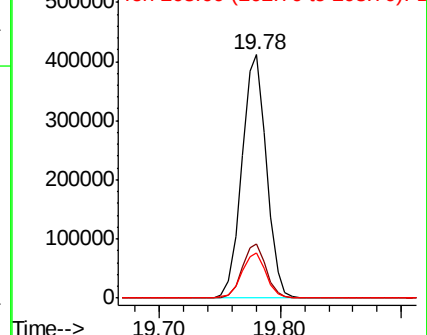


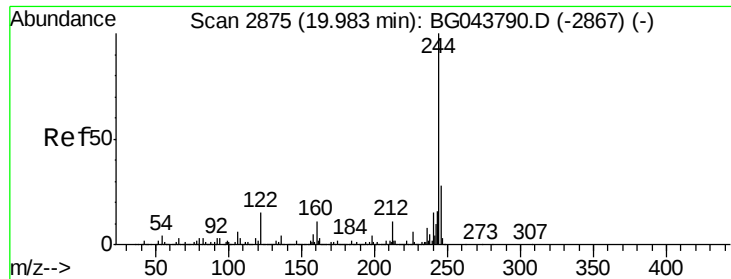
Abundance

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: 28.371 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

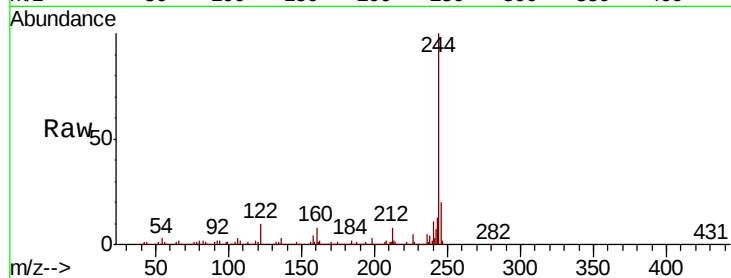
Tot Ion:244 Resp: 870880

Ion Ratio Lower Upper

244 100

212 7.7 9.1 13.7#

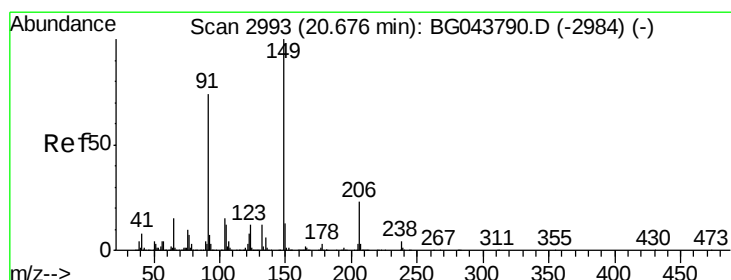
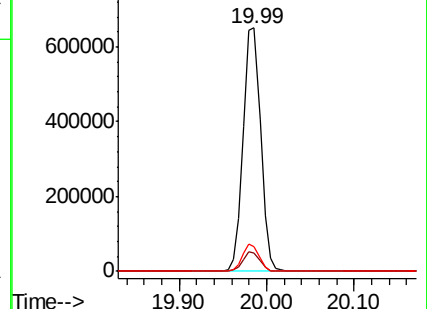
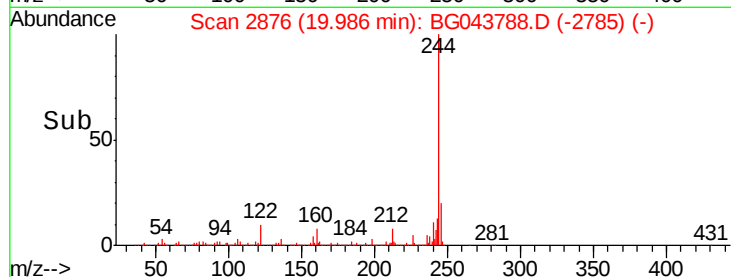
122 10.4 11.6 17.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 8.708 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

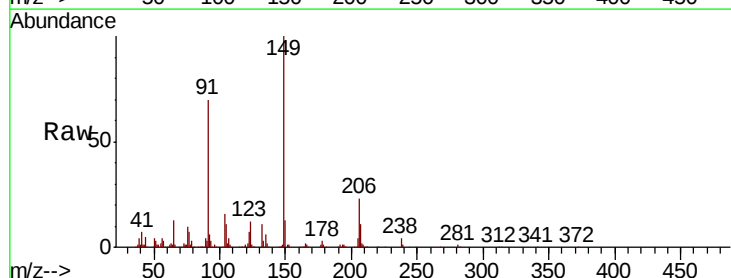
Tgt Ion:149 Resp: 177578

Ion Ratio Lower Upper

149 100

91 69.8 59.0 88.4

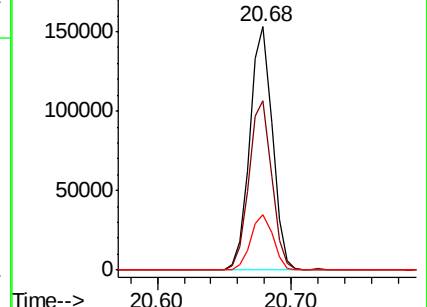
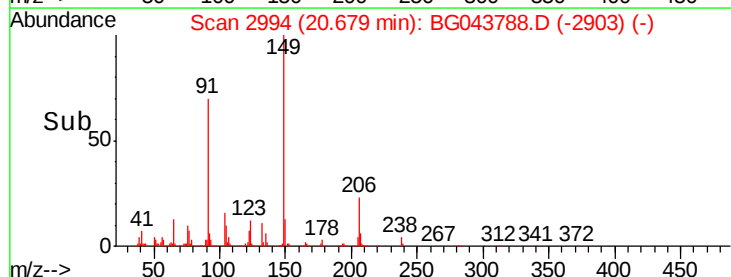
206 22.8 18.6 28.0

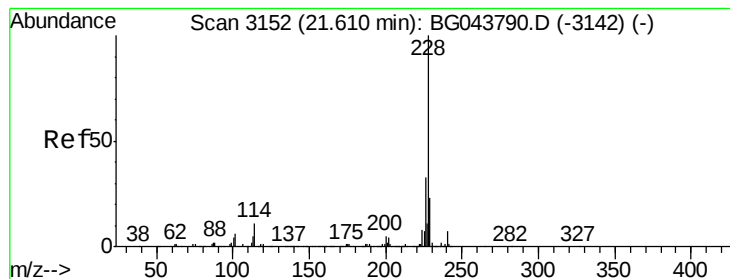


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 11.609 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

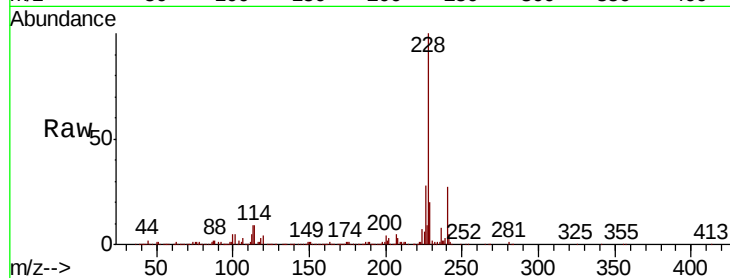
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 538302

Ion	Ratio	Lower	Upper
228	100		
226	28.5	26.1	39.1
229	20.4	18.6	27.8

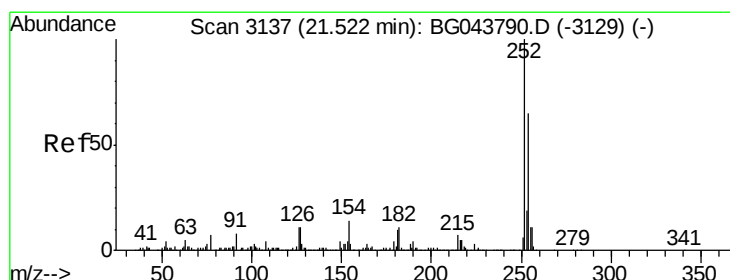
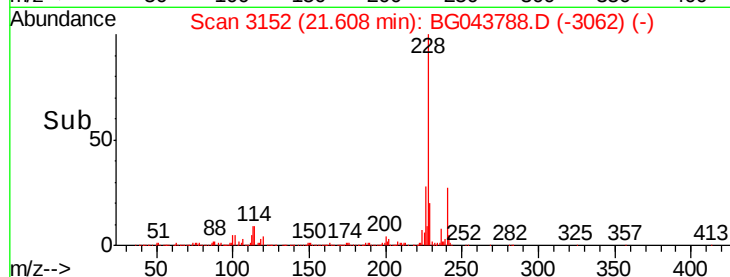
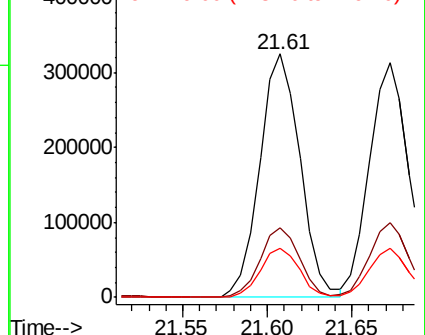


Abundance

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: 9.969 ng

RT: 21.52 min Scan# 3137

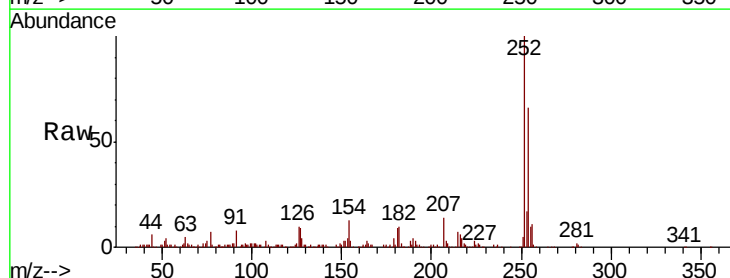
Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Tgt Ion:252 Resp: 173355

Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.2	78.2
126	9.5	8.7	13.1

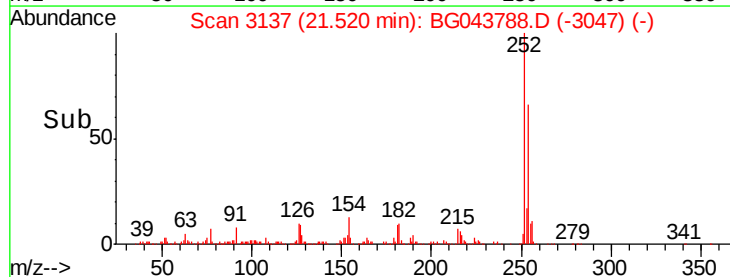
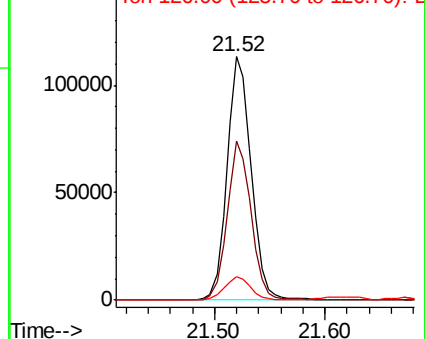


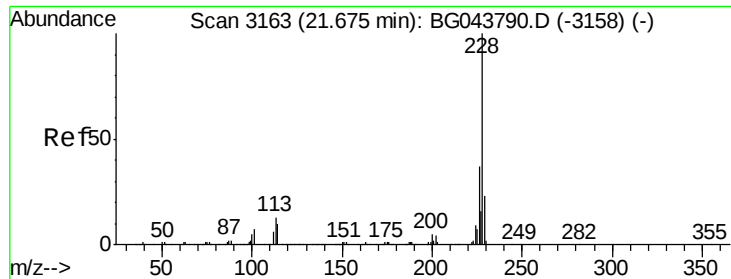
Abundance

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: 11.477 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

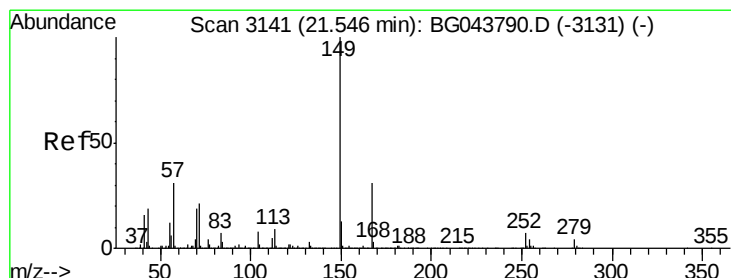
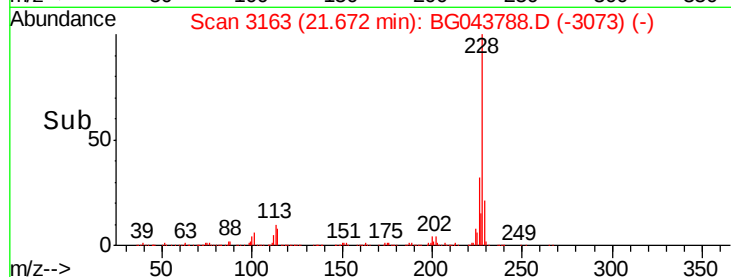
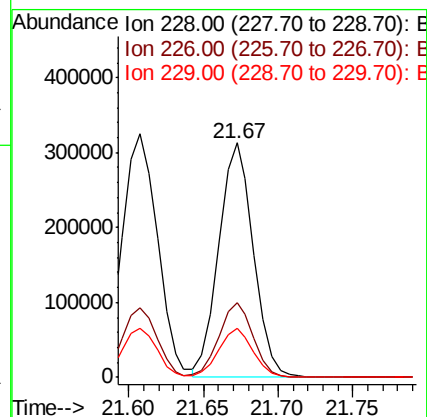
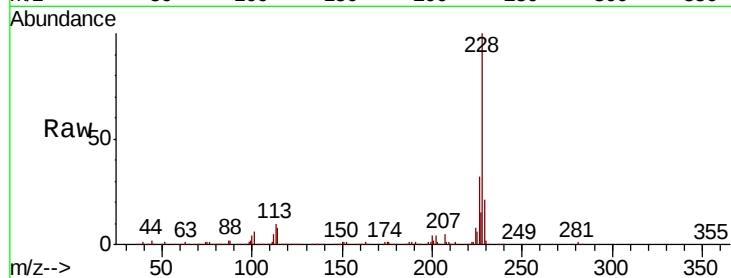
Tot Ion:228 Resp: 503591

Ion Ratio Lower Upper

228 100

226 31.8 29.1 43.7

229 20.7 18.6 28.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.193 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

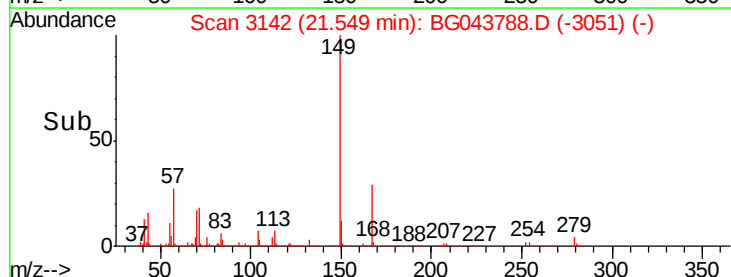
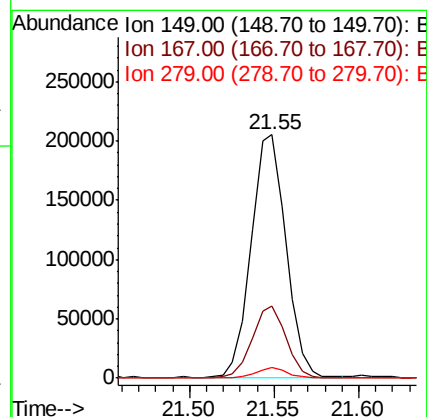
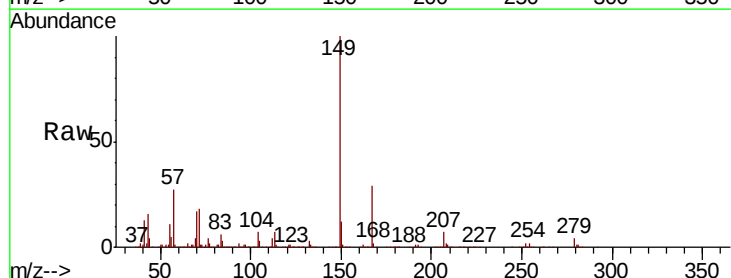
Tgt Ion:149 Resp: 292472

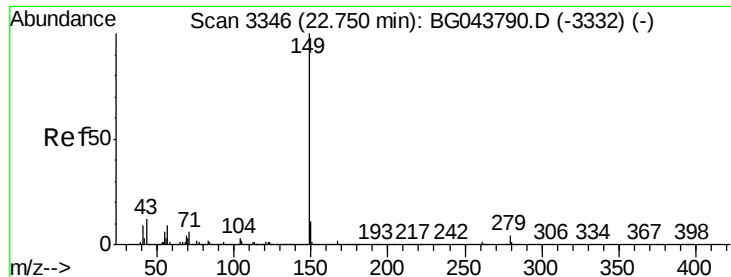
Ion Ratio Lower Upper

149 100

167 29.5 25.1 37.7

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 9.558 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

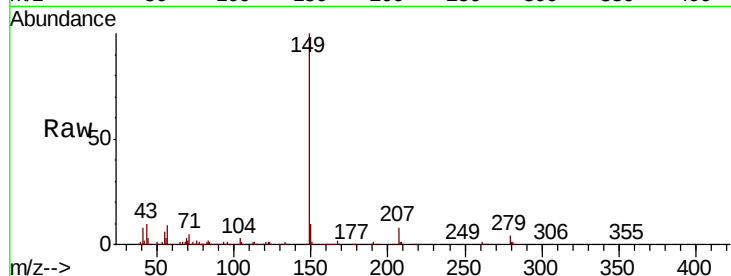
Tot Ion:149 Resp: 444846

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

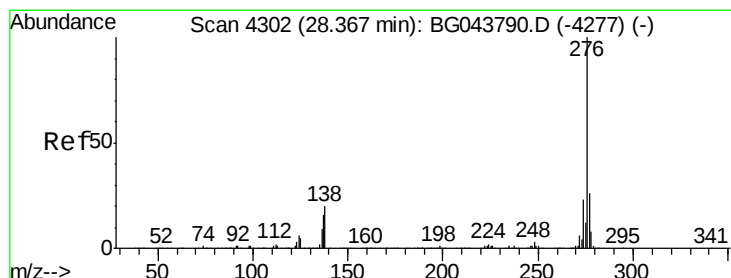
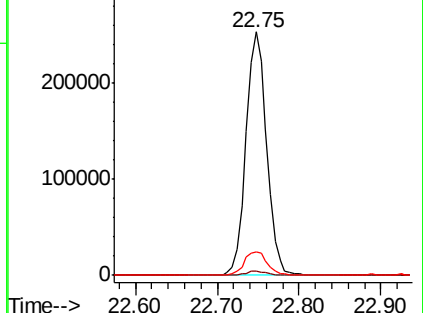
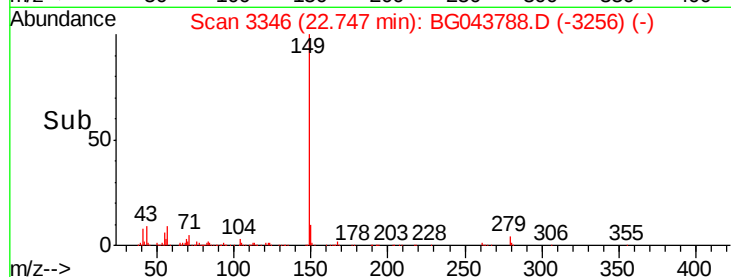
43 10.4 8.8 13.2



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: 11.023 ng

RT: 28.35 min Scan# 4300

Delta R.T. -0.01 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

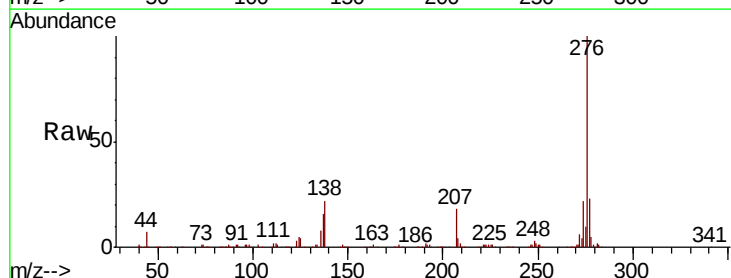
Tgt Ion:276 Resp: 562618

Ion Ratio Lower Upper

276 100

138 19.1 14.6 21.8

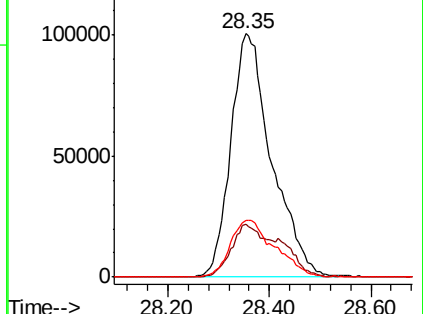
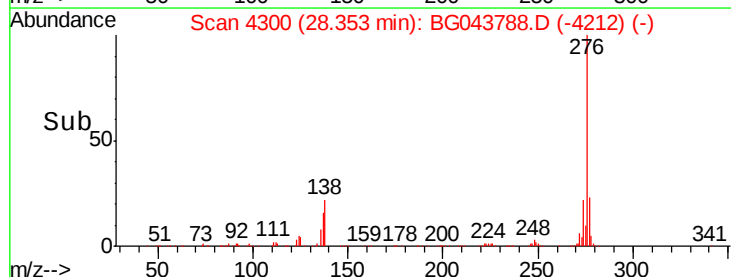
277 25.5 21.2 31.8

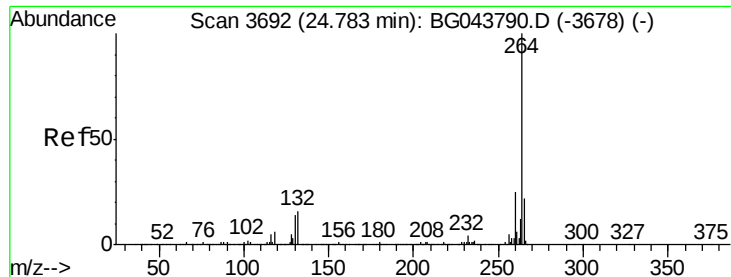


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Instrument :

BNA_G

ClientSampleId :

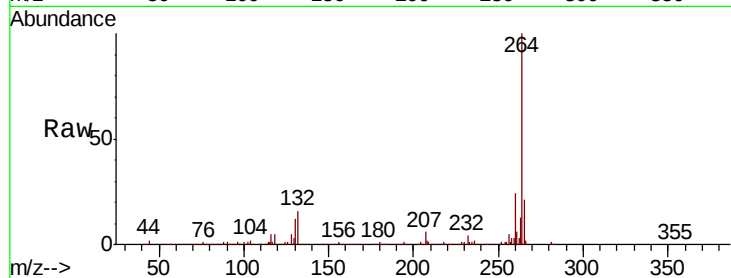
Tot Ion:264 Resp: 784737

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

265 21.2 17.9 26.9

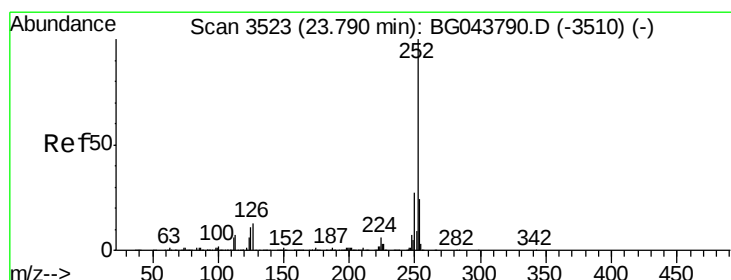
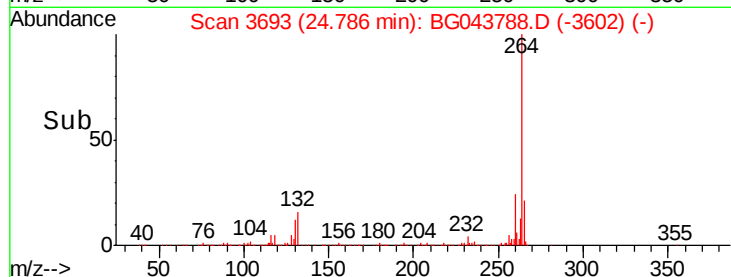
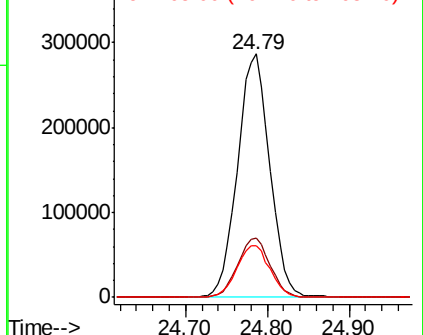


Abundance

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: 10.721 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

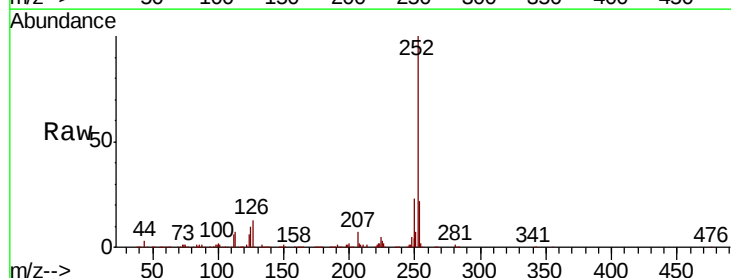
Tgt Ion:252 Resp: 502325

Ion Ratio Lower Upper

252 100

253 21.7 19.5 29.3

125 10.1 9.0 13.4

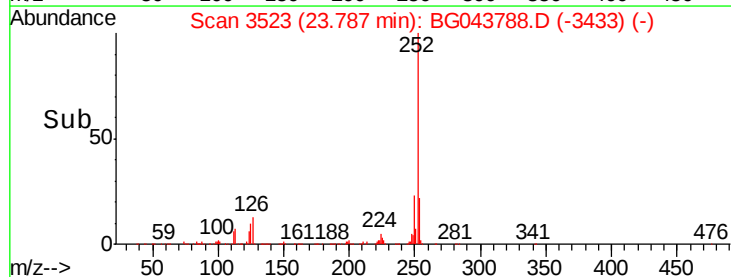
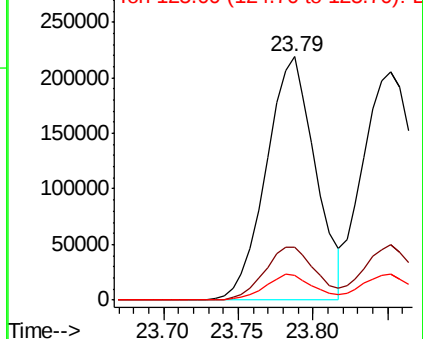


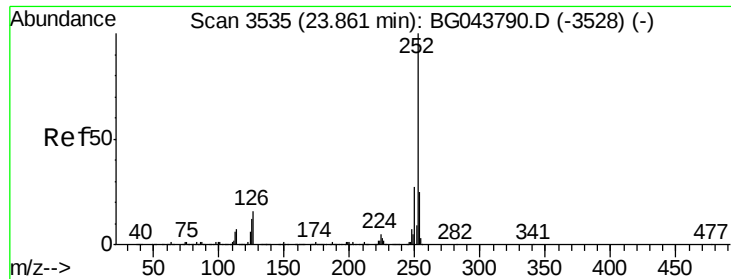
Abundance

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

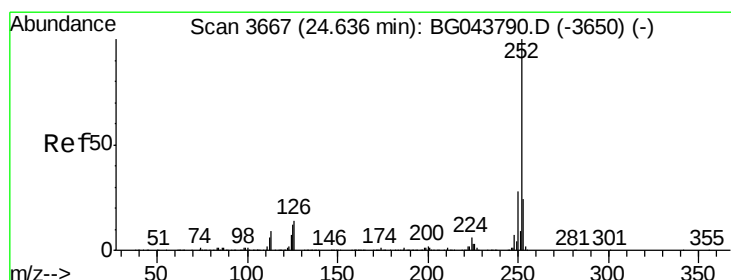
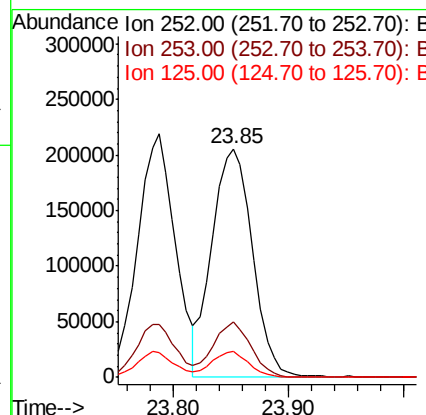
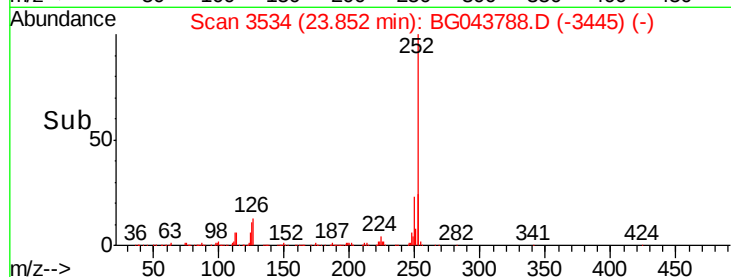
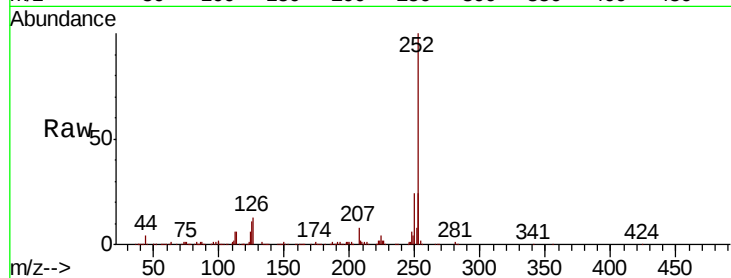




#89
Benzo(k)fluoranthene
Concen: 11.143 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

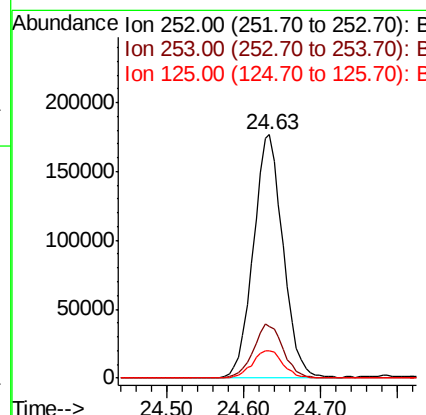
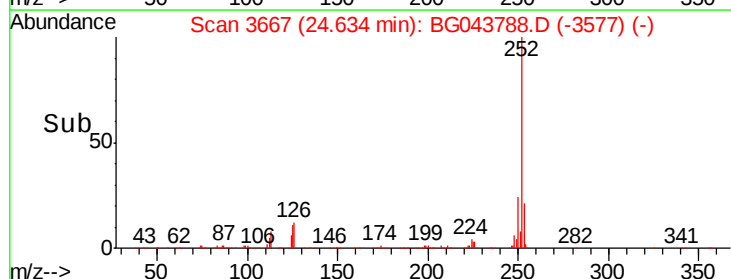
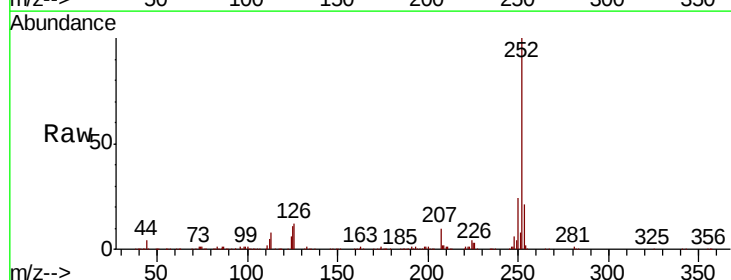
Instrument :
BNA_G
ClientSampled :

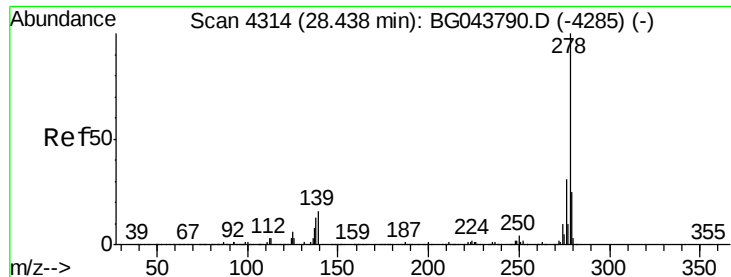
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.0
125	11.4	8.9	13.3



#90
Benzo(a)pyrene
Concen: 10.799 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.00 min
Lab File: BG043788.D
Acq: 9 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	19.1	28.7
125	11.0	9.4	14.0





#91

Dibenzo(a,h)anthracene

Concen: 10.798 ng

RT: 28.42 min Scan# 4312

Delta R.T. -0.01 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

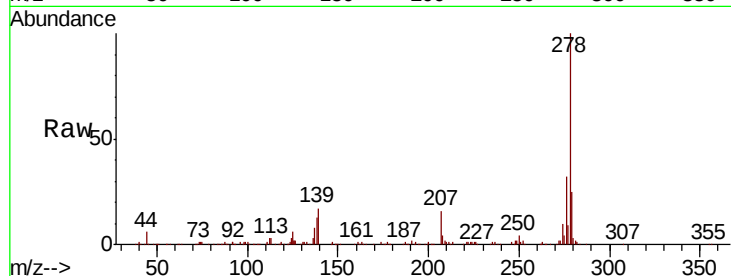
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 461447

Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.2	19.8
279	24.7	19.8	29.6

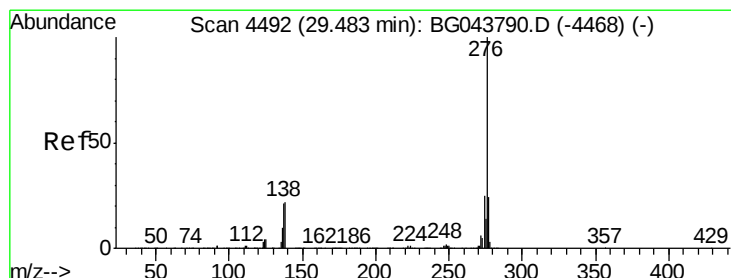
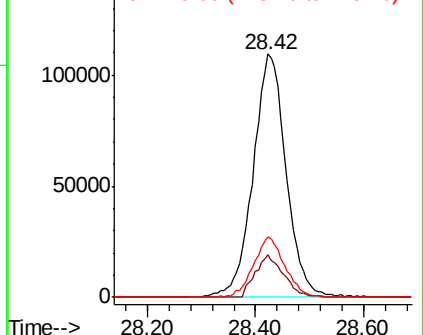
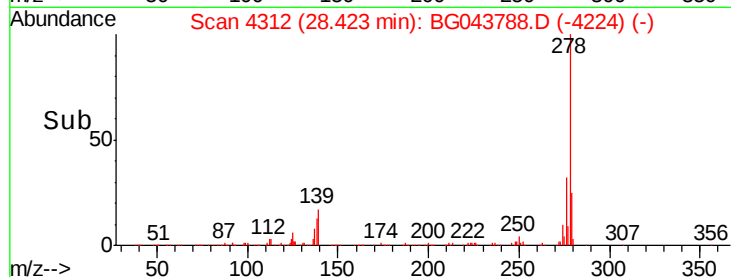


Abundance

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: 10.755 ng

RT: 29.47 min Scan# 4491

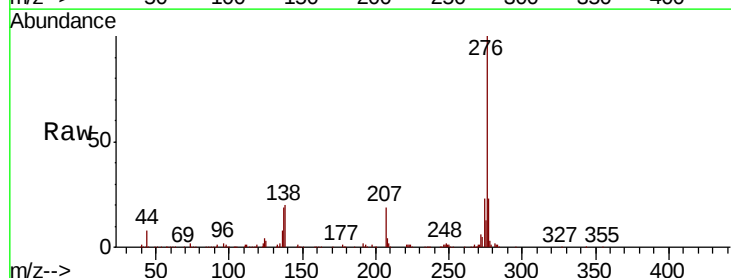
Delta R.T. -0.01 min

Lab File: BG043788.D

Acq: 9 Dec 2019 12:51

Tgt Ion:276 Resp: 453254

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.3	28.9
138	19.9	17.6	26.4



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

