

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043692.D
 Acq On : 19 Nov 2019 5:23
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 06:21:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27636	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	112091	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	83189	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	202254	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	221416	20.00	ng	-0.02
87) Perylene-d12	24.82	264	262808	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	124250	82.39	ng	-0.01
7) Phenol-d6	7.19	99	178483	82.26	ng	-0.01
23) Nitrobenzene-d5	9.16	82	171033	78.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	120493	76.11	ng	-0.02
45) 2-Fluorobiphenyl	13.24	172	474579	78.83	ng	-0.02
79) Terphenyl-d14	19.98	244	967769	82.00	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	24063	40.943	ng	97
3) Pyridine	3.86	79	60301	40.674	ng	97
4) n-Nitrosodimethylamine	3.77	42	33000	44.112	ng	# 77
6) Aniline	7.32	93	96660	38.670	ng	94
8) 2-Chlorophenol	7.57	128	66272	39.807	ng	96
9) Benzaldehyde	7.13	77	44574	41.800	ng	92
10) Phenol	7.21	94	79830	40.261	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	59196	38.615	ng	99
12) 1,3-Dichlorobenzene	8.03	146	84011	40.276	ng	98
13) 1,4-Dichlorobenzene	8.03	146	84011	39.808	ng	98
14) 1,2-Dichlorobenzene	8.35	146	78685	38.186	ng	94
15) Benzyl Alcohol	8.24	79	60088	39.430	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	89909	40.334	ng	98
17) 2-Methylphenol	8.46	107	57508	39.785	ng	97
18) Hexachloroethane	9.07	117	29831	39.179	ng	92
19) n-Nitroso-di-n-propylamine	8.80	70	54613	38.950	ng	# 90
20) 3+4-Methylphenols	8.79	107	78567	39.638	ng	89
22) Acetophenone	8.82	105	112600	39.226	ng	# 96
24) Nitrobenzene	9.20	77	80859	39.040	ng	98
25) Isophorone	9.72	82	156420	39.350	ng	99
26) 2-Nitrophenol	9.91	139	39155	39.158	ng	93
27) 2,4-Dimethylphenol	9.98	122	58456	40.788	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	84807	38.656	ng	99
29) 2,4-Dichlorophenol	10.46	162	72638	39.557	ng	94
30) 1,2,4-Trichlorobenzene	10.66	180	90273	39.005	ng	98
31) Naphthalene	10.85	128	222437	39.095	ng	98
32) Benzoic acid	10.16	122	35321	35.241	ng	91
33) 4-Chloroaniline	10.96	127	90759	38.914	ng	96
34) Hexachlorobutadiene	11.13	225	65949	38.547	ng	92
35) Caprolactam	11.74	113	27225	43.048	ng	96
36) 4-Chloro-3-methylphenol	12.10	107	79648	39.764	ng	97
37) 2-Methylnaphthalene	12.45	142	172019	39.403	ng	99
38) 1-Methylnaphthalene	12.67	142	162126	39.031	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	122795	39.885	ng	99

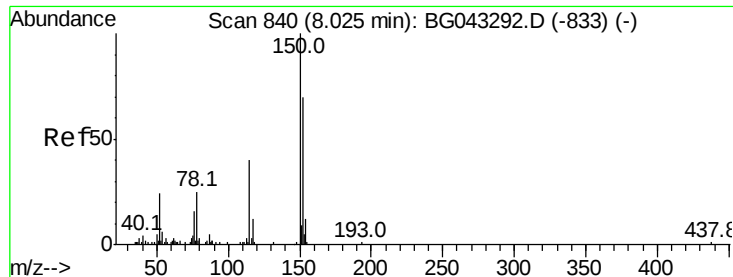
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043692.D
 Acq On : 19 Nov 2019 5:23
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	88418	54.671	ng	98
43) 2,4,6-Trichlorophenol	13.07	196	68914	38.009	ng	98
44) 2,4,5-Trichlorophenol	13.15	196	70747	38.597	ng	96
46) 1,1'-Biphenyl	13.45	154	249730	39.461	ng	97
47) 2-Chloronaphthalene	13.50	162	188480	39.143	ng	97
48) 2-Nitroaniline	13.71	65	57774	40.144	ng	92
49) Acenaphthylene	14.35	152	298064	39.773	ng	99
50) Dimethylphthalate	14.08	163	257851	40.017	ng	98
51) 2,6-Dinitrotoluene	14.20	165	54594	39.000	ng	96
52) Acenaphthene	14.69	154	182278	39.884	ng	98
53) 3-Nitroaniline	14.54	138	55254	40.883	ng	99
54) 2,4-Dinitrophenol	14.75	184	32846	41.437	ng	94
55) Dibenzofuran	15.02	168	292542	39.472	ng	98
56) 4-Nitrophenol	14.88	139	33483	36.969	ng	90
57) 2,4-Dinitrotoluene	14.99	165	80590	40.284	ng	97
58) Fluorene	15.67	166	250380	40.280	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.26	232	72068	37.006	ng	95
60) Diethylphthalate	15.43	149	256926	39.683	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	142721	39.358	ng	97
62) 4-Nitroaniline	15.70	138	57407	41.129	ng	89
63) Azobenzene	15.96	77	214107	40.861	ng	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	45634	38.339	ng	94
66) n-Nitrosodiphenylamine	15.88	169	217414	38.075	ng	98
67) 4-Bromophenyl-phenylether	16.56	248	102907	37.807	ng	97
68) Hexachlorobenzene	16.68	284	116313	37.228	ng	94
69) Atrazine	16.83	200	83883	42.276	ng	98
70) Pentachlorophenol	17.03	266	68773	48.307	ng	99
71) Phenanthrene	17.41	178	402957	38.907	ng	99
72) Anthracene	17.50	178	403736	38.962	ng	98
73) Carbazole	17.78	167	372717	39.719	ng	97
74) Di-n-butylphthalate	18.33	149	455566	40.011	ng	99
75) Fluoranthene	19.42	202	538064	39.850	ng	100
77) Benzidine	19.61	184	80470	18.059	ng	97
78) Pyrene	19.78	202	551823	40.263	ng	99
80) Butylbenzylphthalate	20.66	149	208963	40.244	ng	93
81) Benzo(a)anthracene	21.62	228	563601	40.636	ng	98
82) 3,3'-Dichlorobenzidine	21.53	252	213548	39.808	ng	96
83) Chrysene	21.68	228	554314	40.225	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	302813	41.054	ng	99
85) Di-n-octyl phthalate	22.71	149	512786	40.978	ng	99
86) Indeno(1,2,3-cd)pyrene	28.44	276	702110	40.590	ng	# 96
88) Benzo(b)fluoranthene	23.81	252	603273	40.530	ng	99
89) Benzo(k)fluoranthene	23.88	252	595764	39.759	ng	98
90) Benzo(a)pyrene	24.67	252	566682	39.869	ng	97
91) Dibenzo(a,h)anthracene	28.50	278	577815	39.744	ng	98
92) Benzo(g,h,i)perylene	29.56	276	565781	39.452	ng	99

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

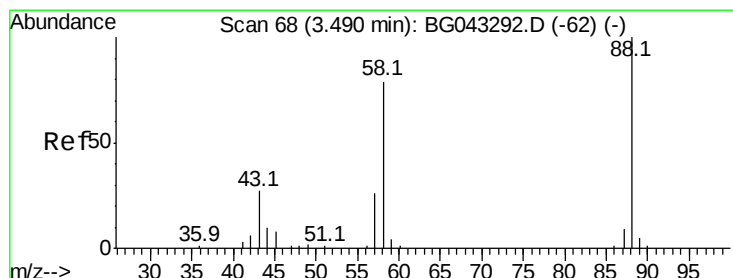
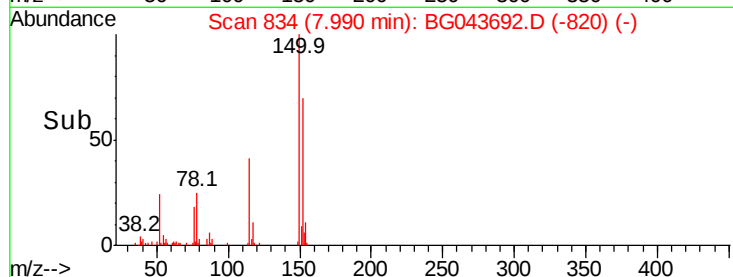
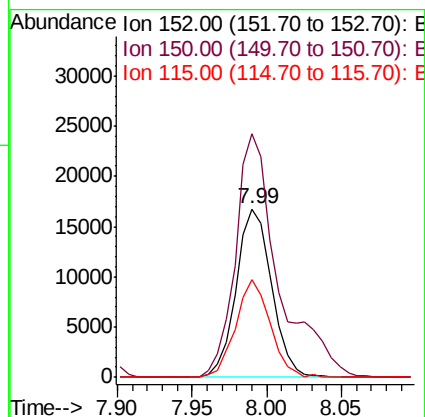
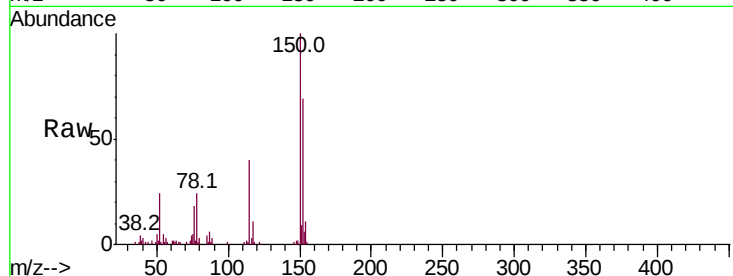


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Instrument :
BNA_G
ClientSampleId :

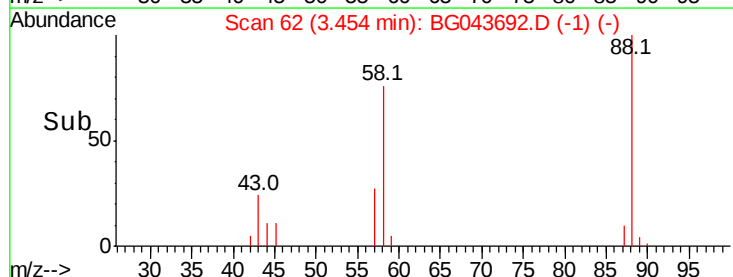
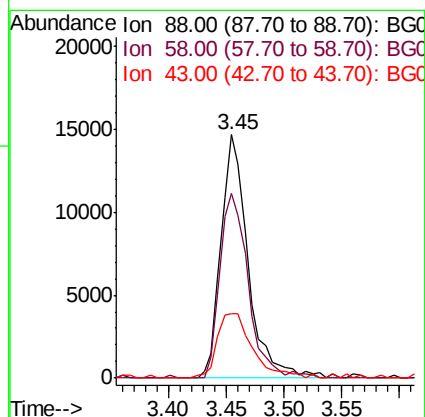
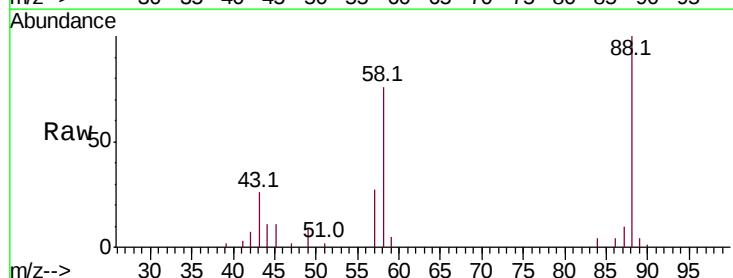
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Ion Ratio Lower Upper
152 100
150 144.7 129.4 194.0
115 57.9 48.8 73.2

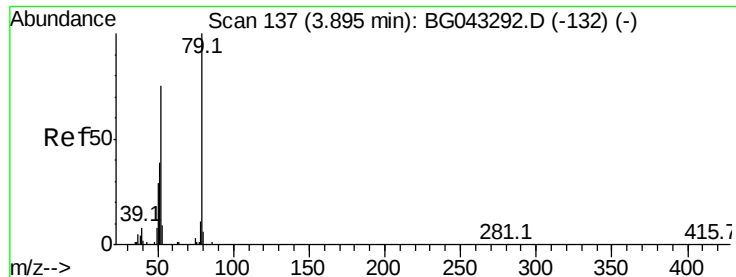


#2

1,4-Dioxane
Concen: 40.943 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Tgt Ion: 88 Resp: 24063
Ion Ratio Lower Upper
88 100
58 77.2 62.7 94.1
43 34.0 23.7 35.5





#3

Pvridine

Concen: 40.674 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

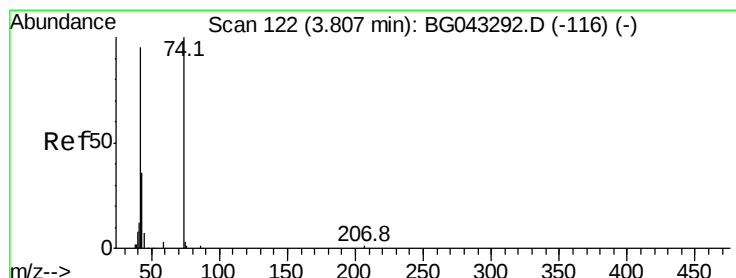
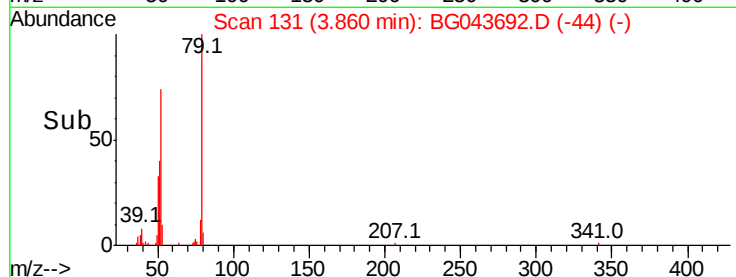
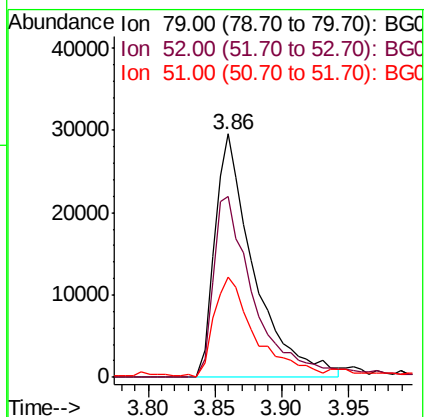
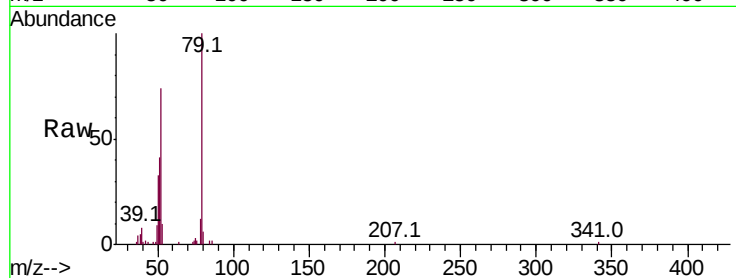
Tot Ion: 79 Resp: 60301

Ion Ratio Lower Upper

79 100

52 74.2 56.5 84.7

51 41.4 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 44.112 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

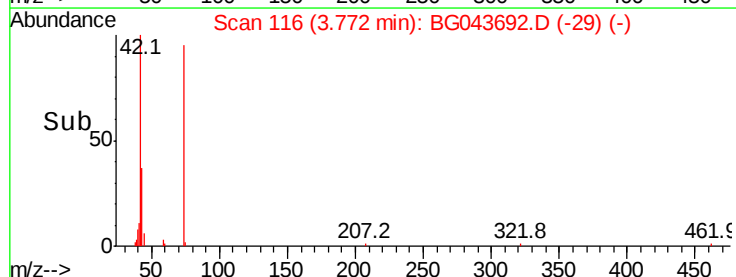
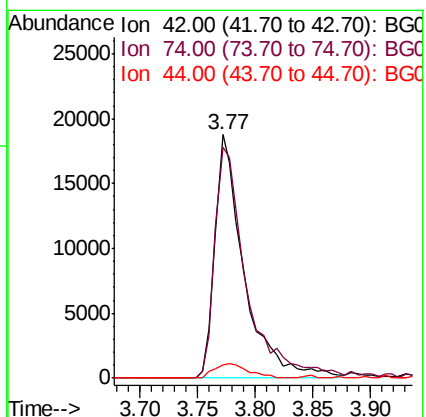
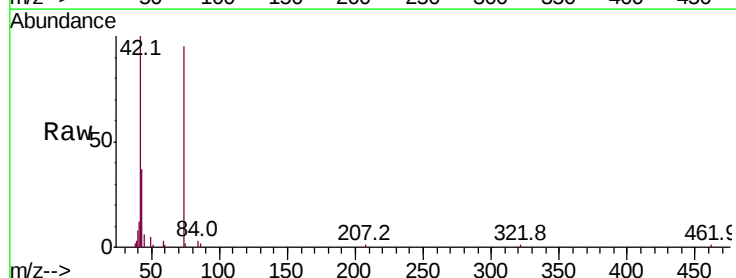
Tgt Ion: 42 Resp: 33000

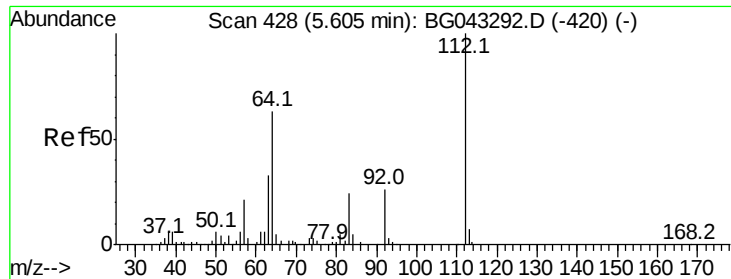
Ion Ratio Lower Upper

42 100

74 94.9 97.3 145.9#

44 5.6 4.4 6.6





#5

2-Fluorophenol

Concen: 82.386 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.01 min

Lab File: BG043692.D

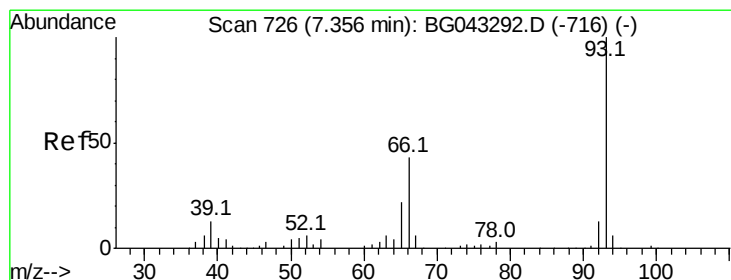
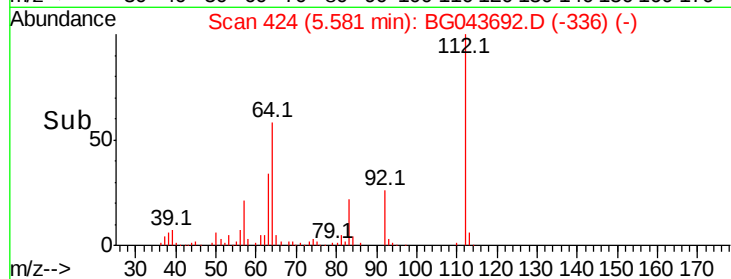
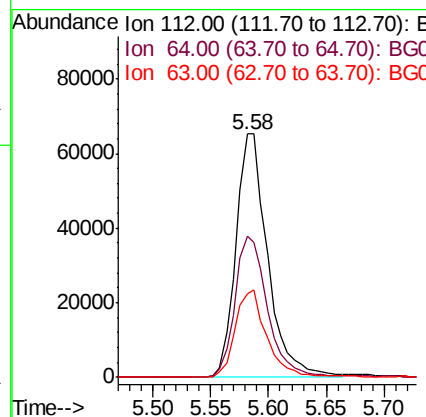
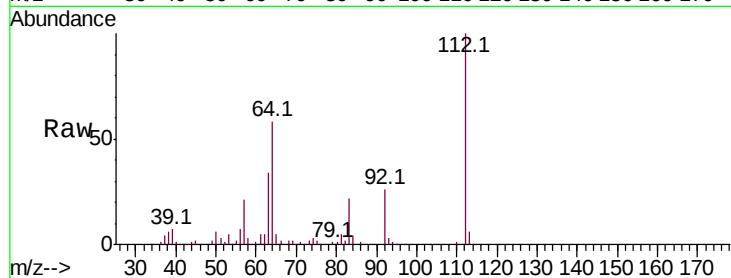
Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	124250
Ion	Ratio	Lower	Upper
112	100		
64	58.2	50.0	75.0
63	34.1	26.6	40.0



#6

Aniline

Concen: 38.670 ng

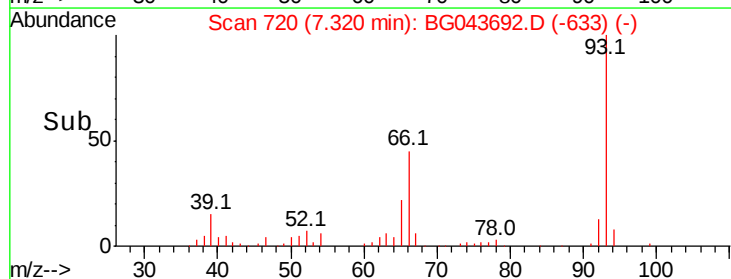
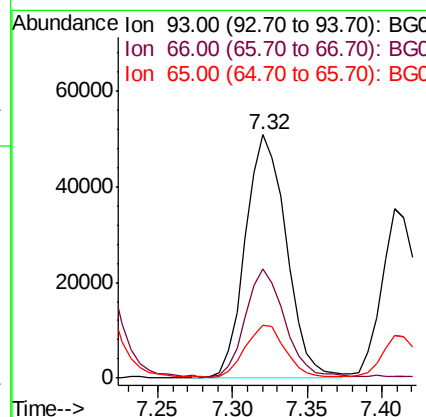
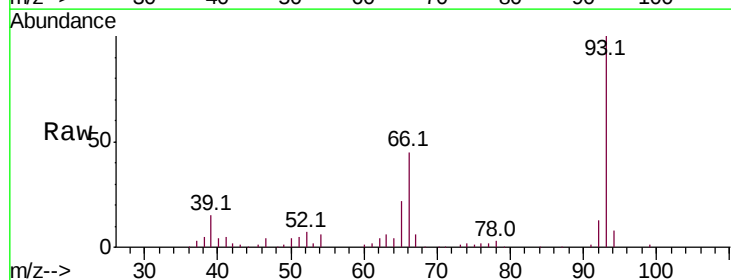
RT: 7.32 min Scan# 720

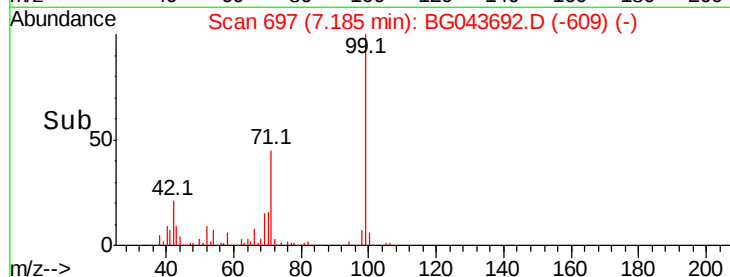
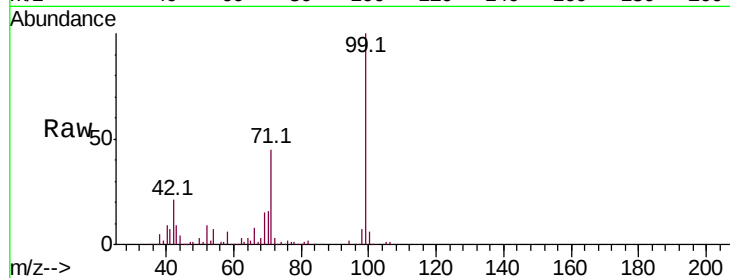
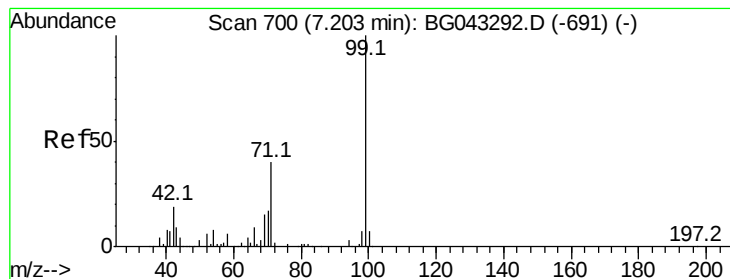
Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Tgt Ion:	93	Resp:	96660
Ion	Ratio	Lower	Upper
93	100		
66	44.6	32.3	48.5
65	21.6	16.1	24.1





#7

Phenol-d6

Concen: 82.255 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

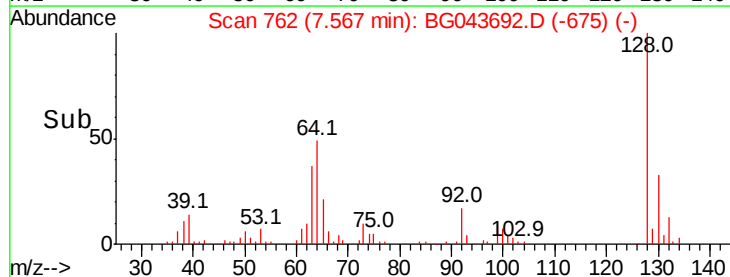
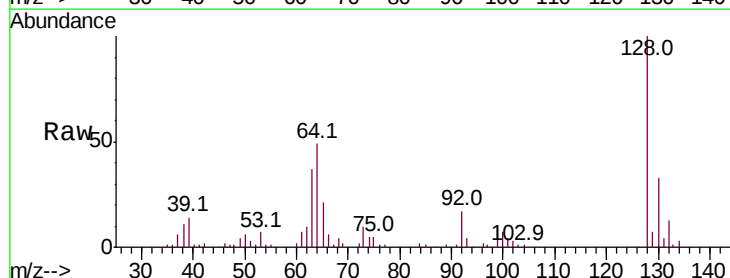
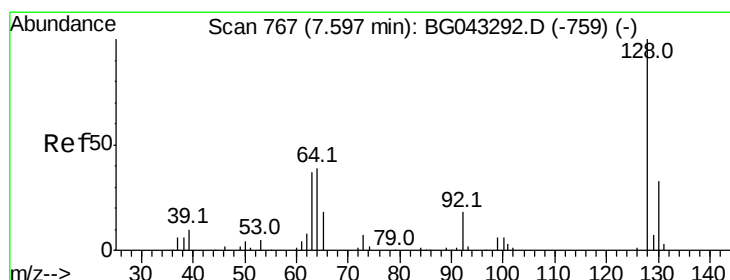
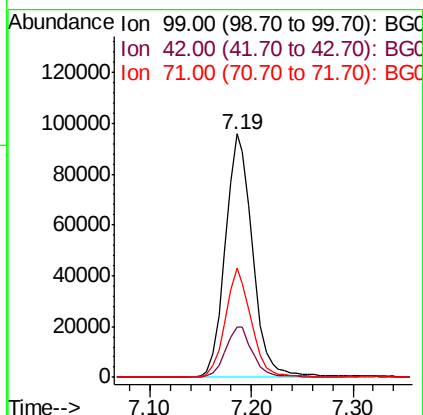
Tot Ion: 99 Resp: 178483

Ion Ratio Lower Upper

99 100

42 20.6 14.6 21.8

71 45.0 32.5 48.7



#8

2-Chlorophenol

Concen: 39.807 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

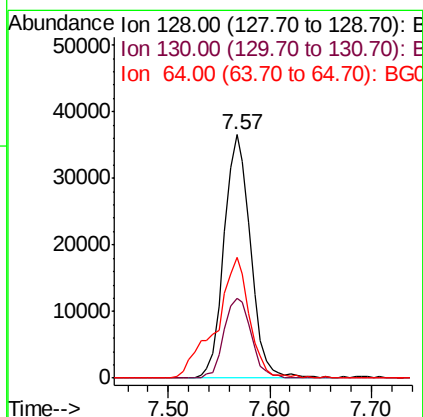
Tgt Ion:128 Resp: 66272

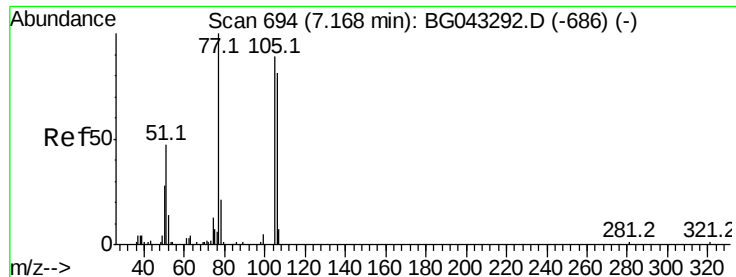
Ion Ratio Lower Upper

128 100

130 33.0 12.5 52.5

64 49.4 25.3 65.3





#9

Benzaldehyde

Concen: 41.800 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

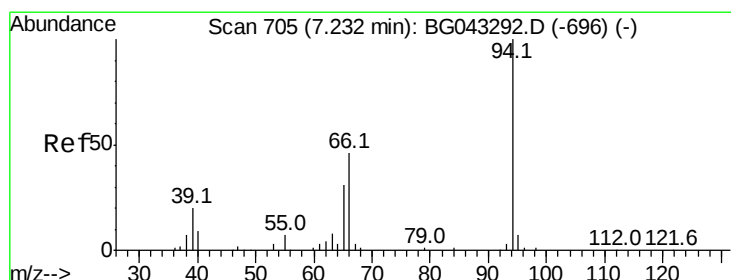
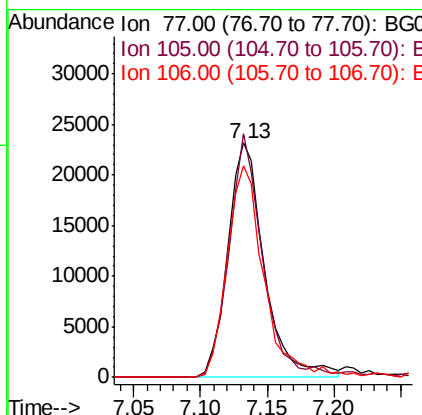
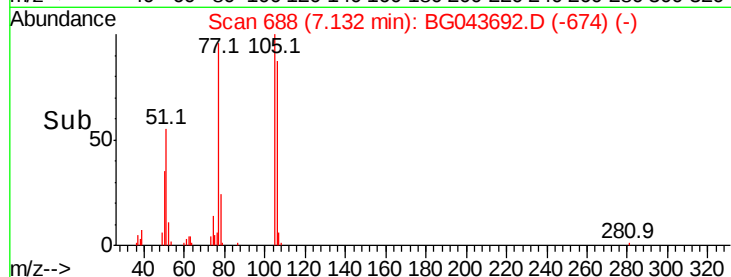
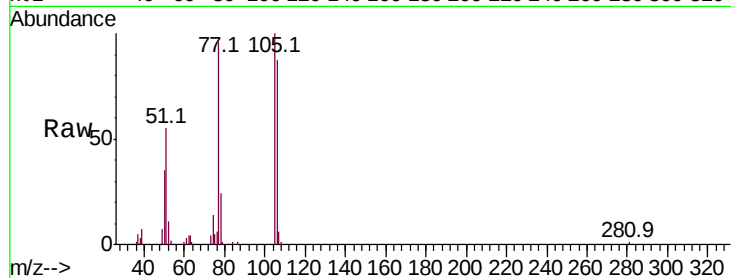
Tot Ion: 77 Resp: 44574

Ion Ratio Lower Upper

77 100

105 103.9 68.6 108.6

106 90.3 69.9 109.9



#10

Phenol

Concen: 40.261 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

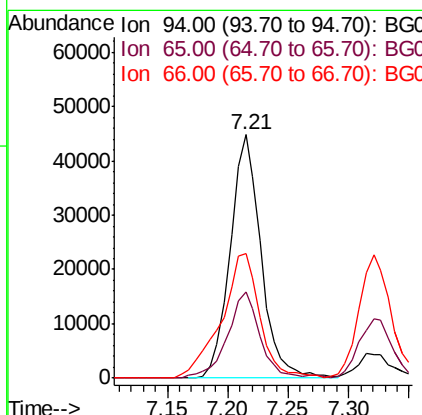
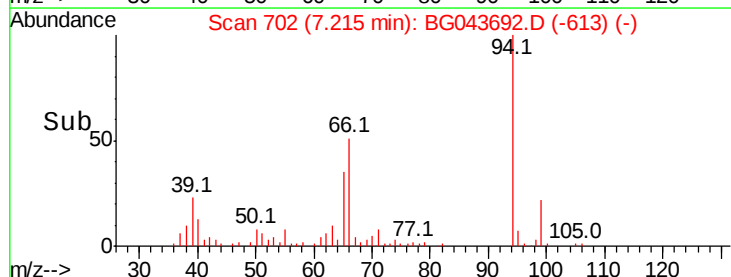
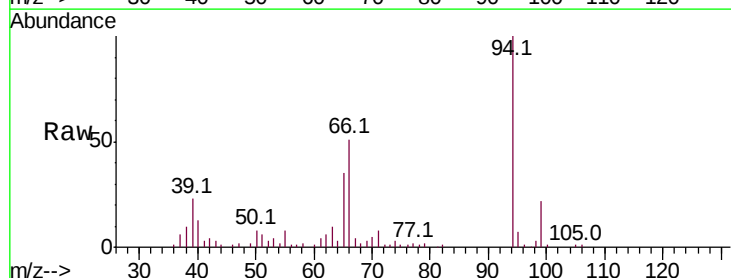
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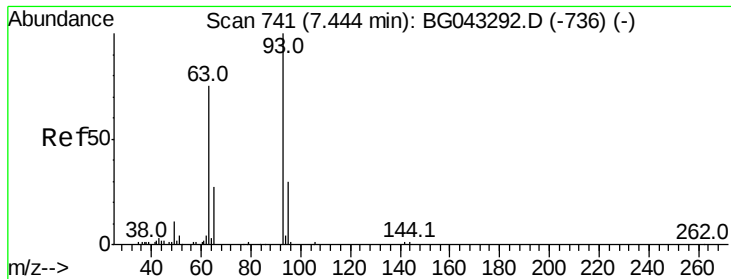
Ion Ratio Lower Upper

94 100

65 35.5 12.6 52.6

66 51.4 30.7 70.7





#11

bis(2-Chloroethyl)ether

Concen: 38.615 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

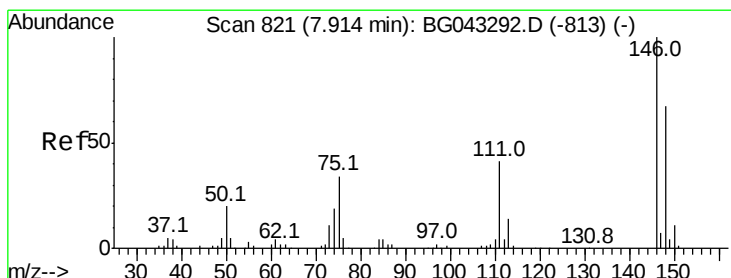
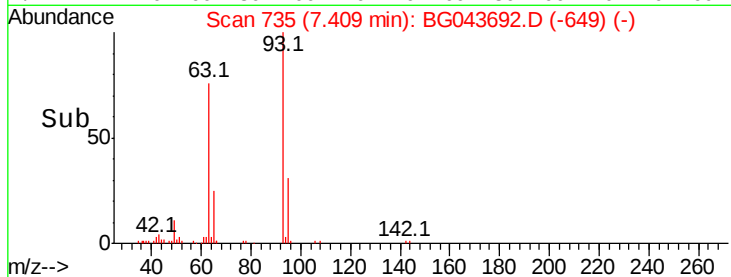
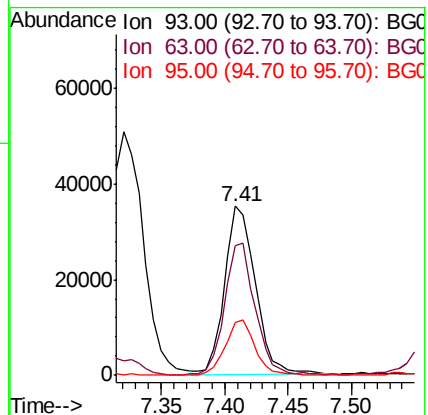
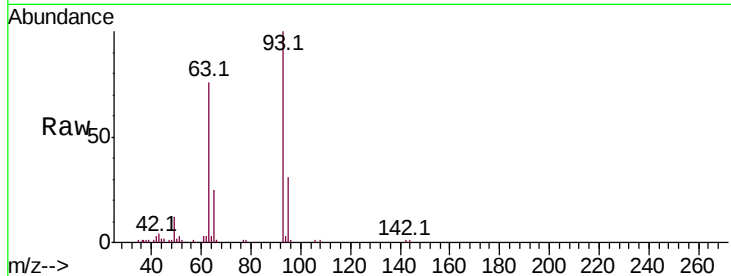
Tot Ion: 93 Resp: 59196

Ion Ratio Lower Upper

93 100

63 76.4 56.3 96.3

95 31.4 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 40.276 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.12 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

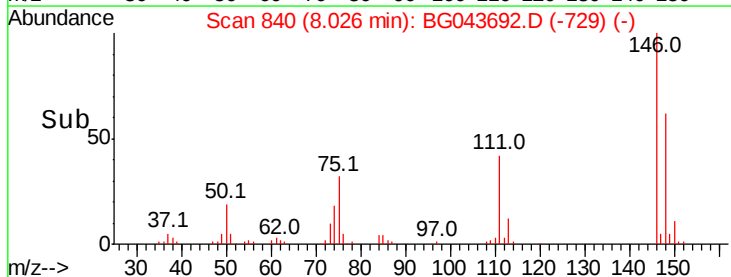
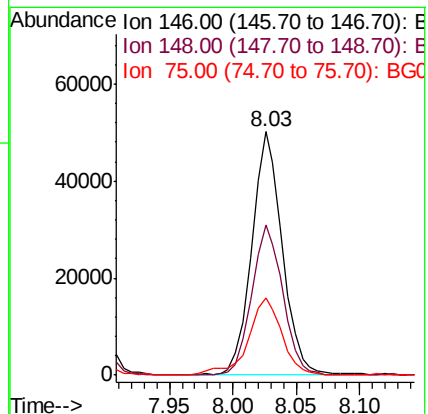
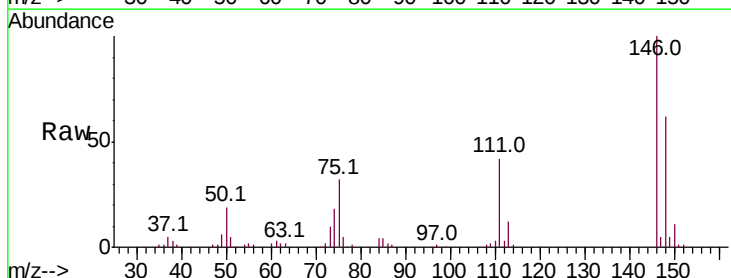
Tgt Ion: 146 Resp: 84011

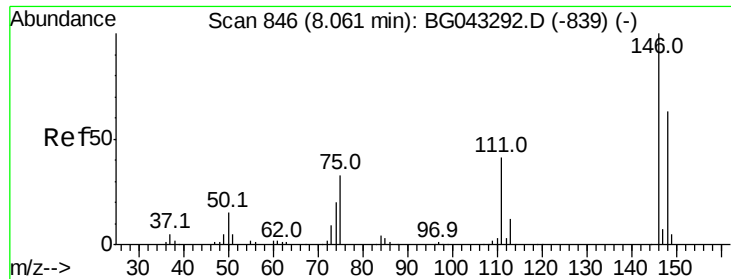
Ion Ratio Lower Upper

146 100

148 61.7 50.3 75.5

75 31.9 24.6 37.0

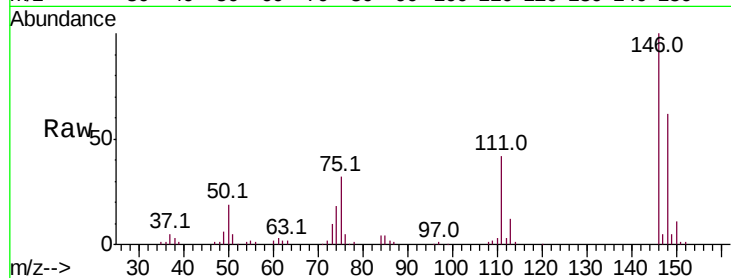




#13
 1,4-Dichlorobenzene
 Concen: 39.808 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.02 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.7	76.1
111	42.2	33.4	50.2

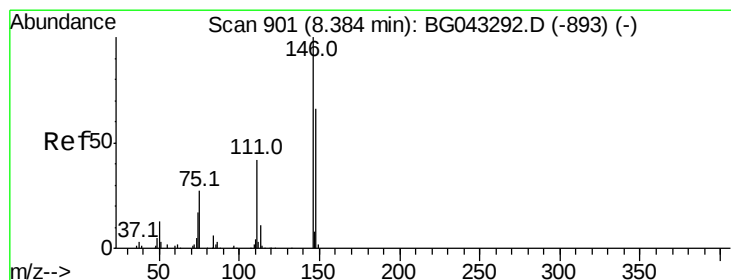
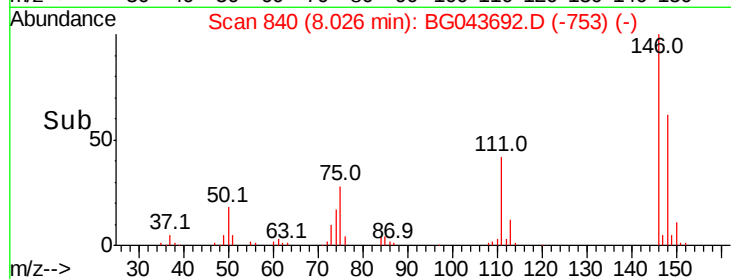
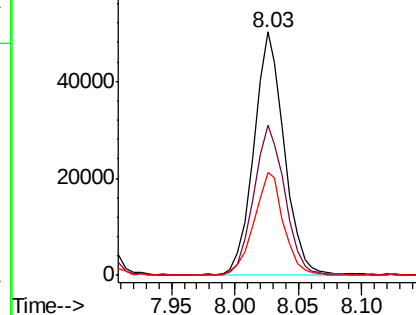


Abundance

Ion 146.00 (145.70 to 146.70): E

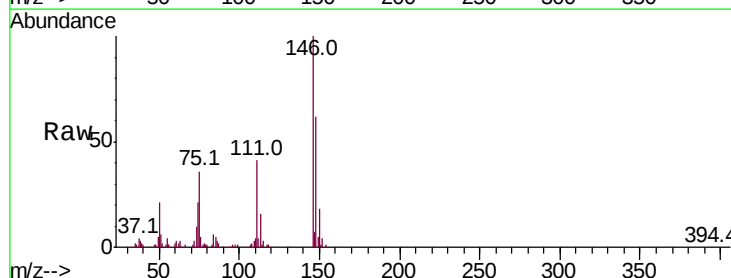
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.186 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	53.2	79.8
111	40.5	35.8	53.6

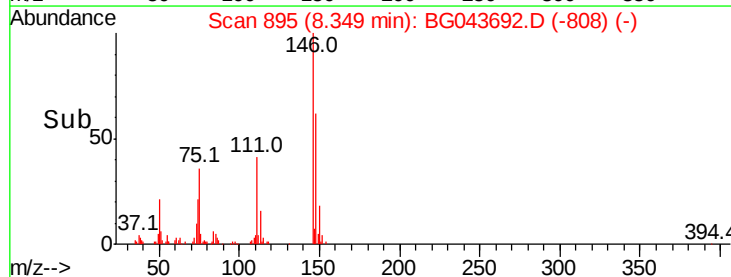
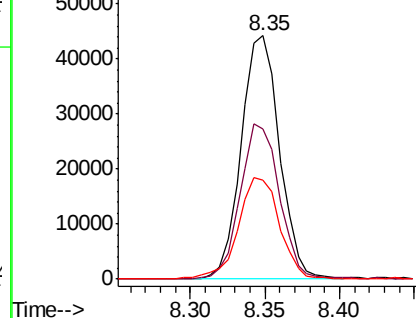


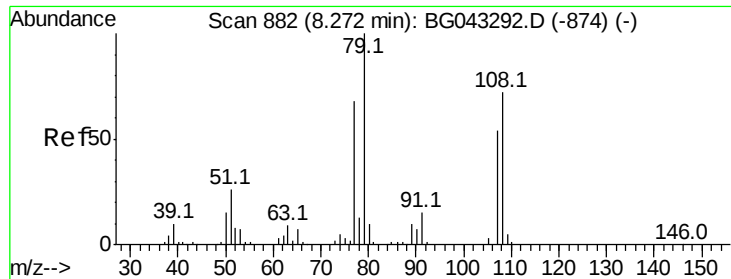
Abundance

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

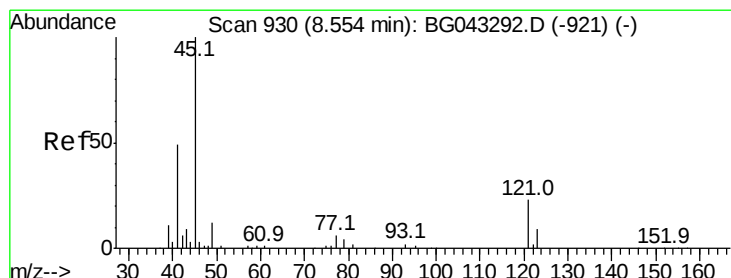
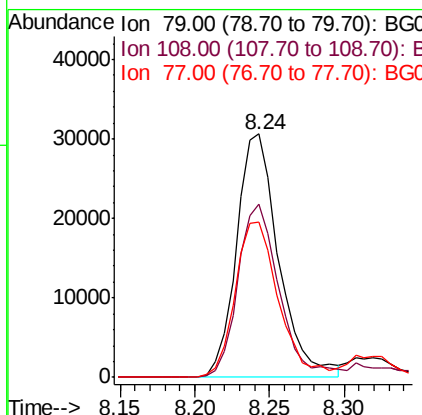
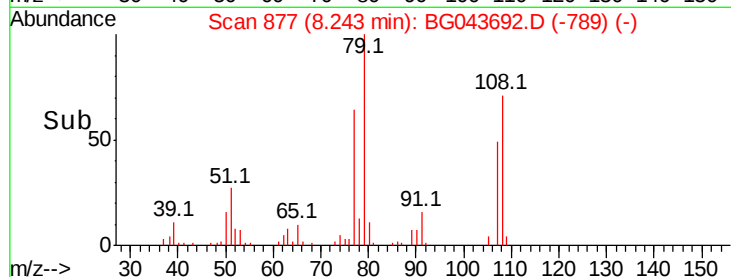
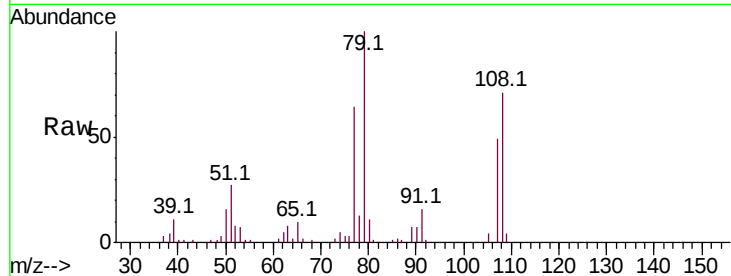




#15
Benzyl Alcohol
Concen: 39.430 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

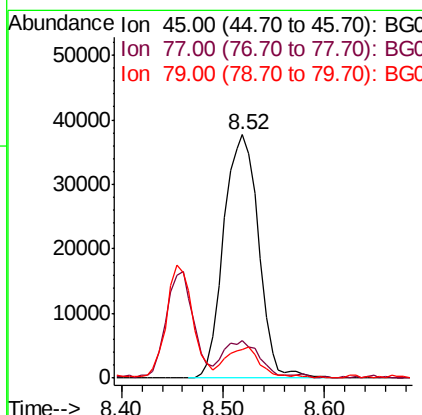
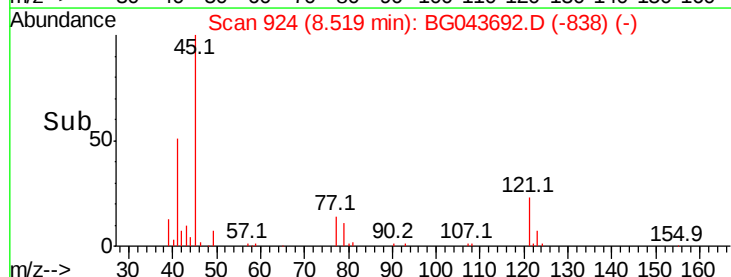
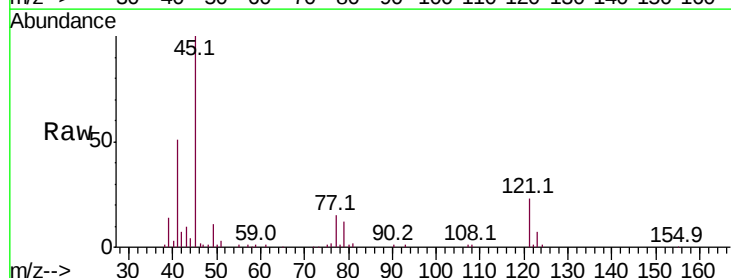
Instrument :
BNA_G
ClientSampleId :

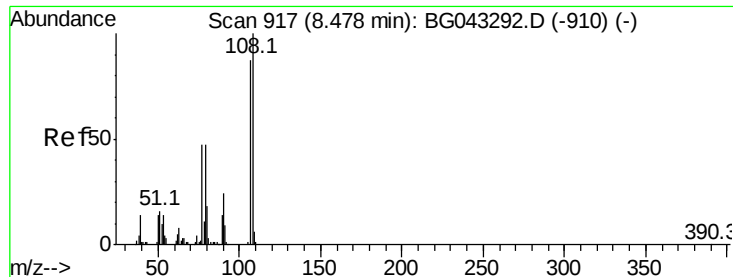
Tot Ion	Ratio	Lower	Upper
79	100		
108	71.1	53.6	80.4
77	64.0	49.6	74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.334 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.9
79	11.9	0.0	33.0





#17

2-Methylphenol

Concen: 39.785 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 57508

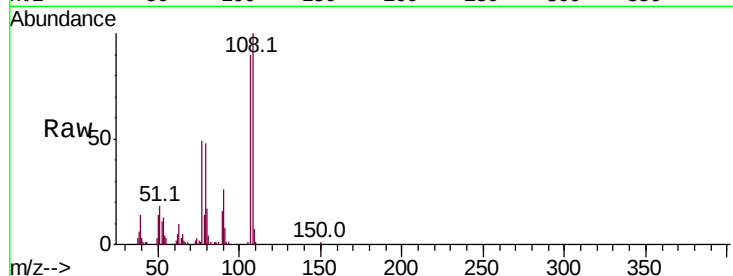
Ion Ratio Lower Upper

107 100

108 110.7 90.2 135.4

77 53.8 40.2 60.2

79 53.2 44.0 66.0

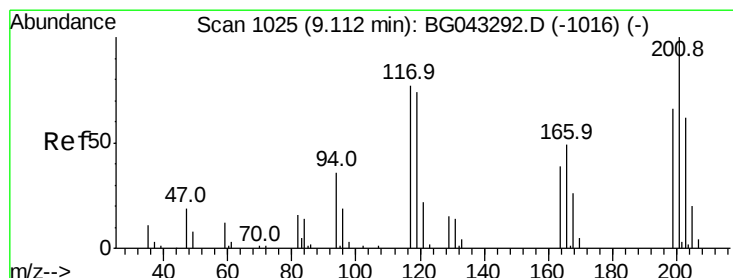
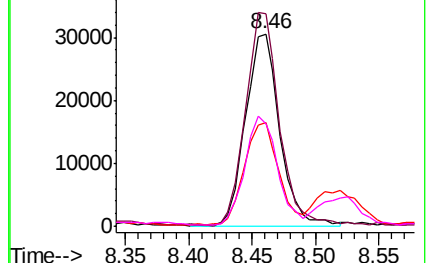
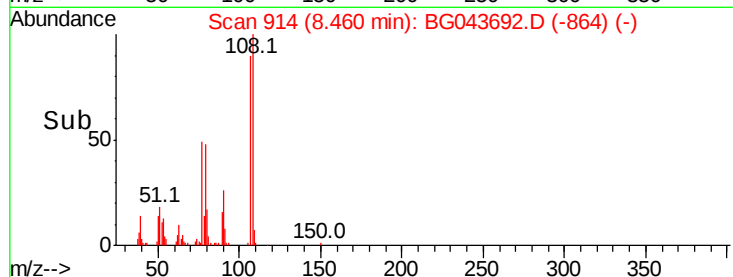


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.179 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

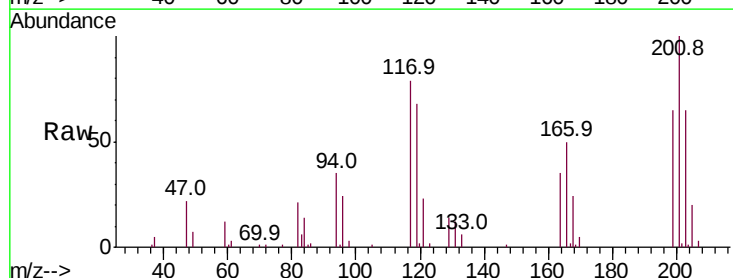
Tgt Ion:117 Resp: 29831

Ion Ratio Lower Upper

117 100

119 86.1 79.0 118.4

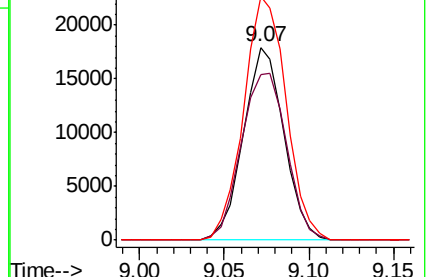
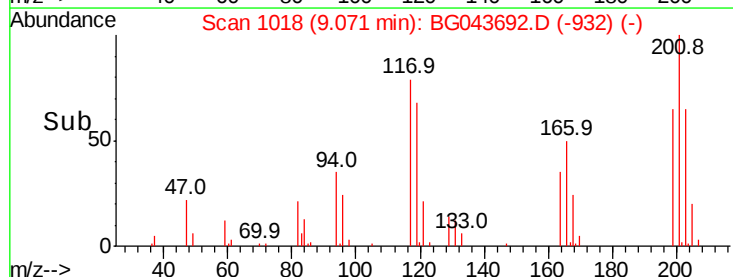
201 126.5 105.4 158.2

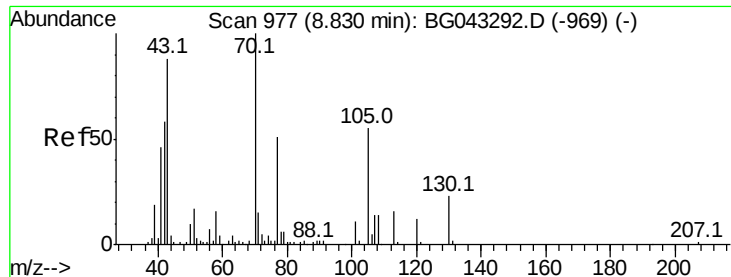


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

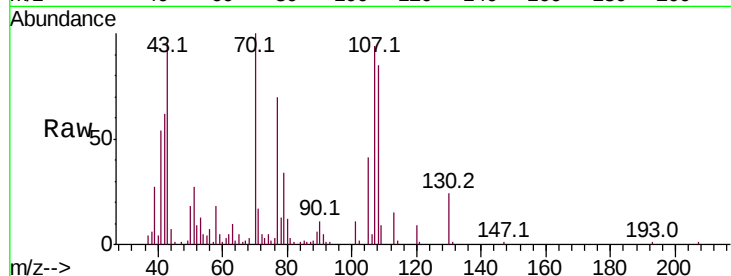




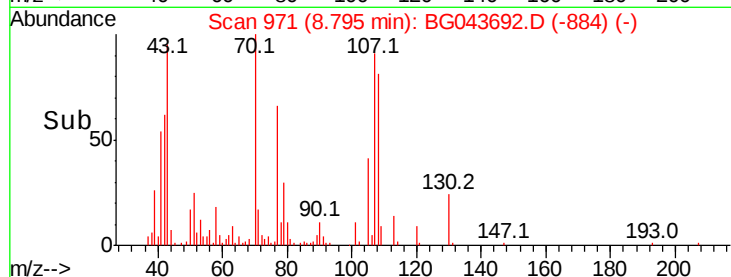
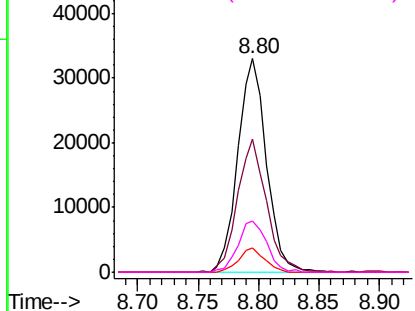
#19
n-Nitroso-di-n-propylamine
Concen: 38.950 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 54613
Ion Ratio Lower Upper
70 100
42 62.4 41.4 62.2#
101 11.2 7.9 11.9
130 23.9 19.0 28.4



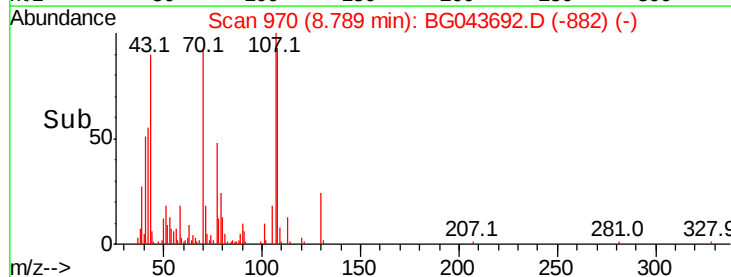
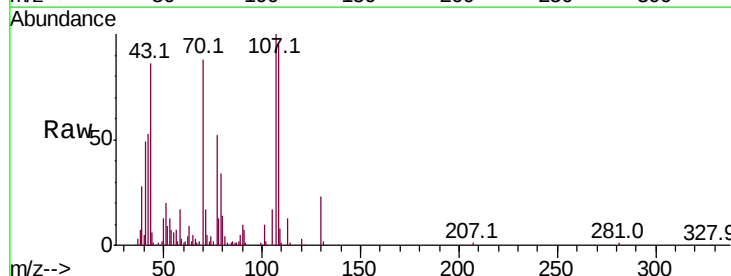
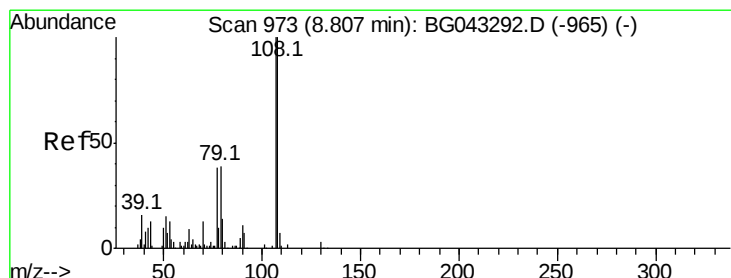
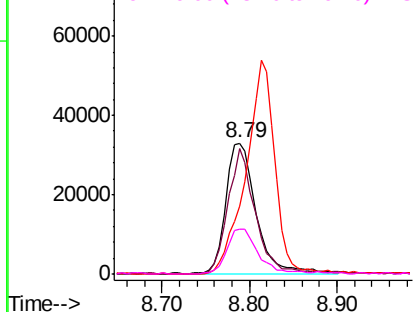
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

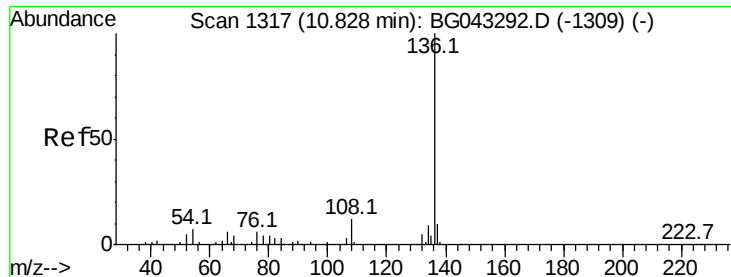


#20
3+4-Methylphenols
Concen: 39.638 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Tgt Ion: 107 Resp: 78567
Ion Ratio Lower Upper
107 100
108 95.4 66.6 106.6
77 51.9 20.9 60.9
79 33.7 11.3 51.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 112091

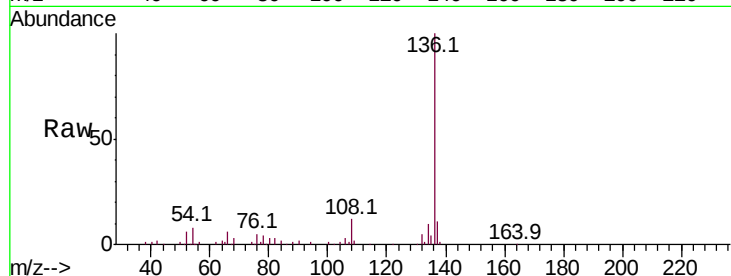
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.4 5.4 8.2#

68 3.4 3.0 4.4

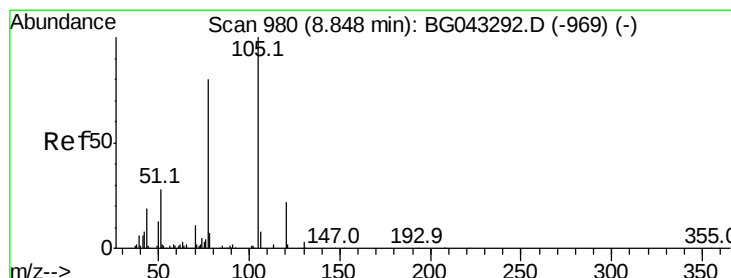
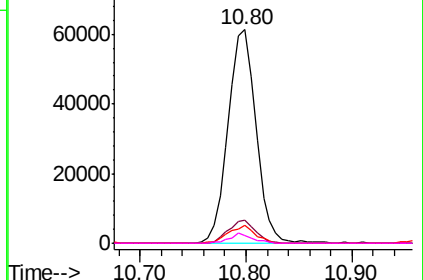
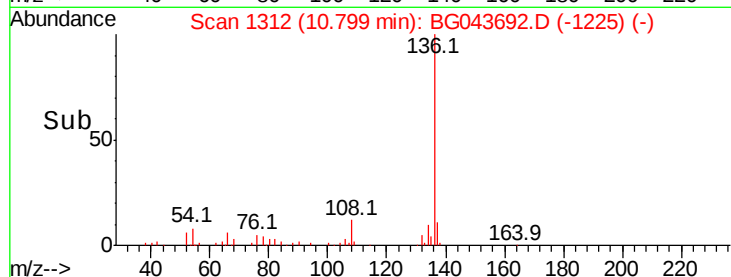


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.226 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Tgt Ion:105 Resp: 112600

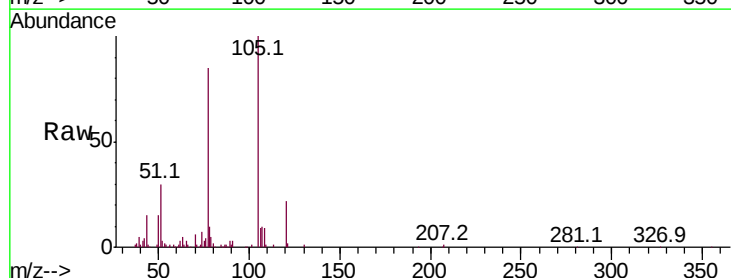
Ion Ratio Lower Upper

105 100

71 0.7 0.8 1.2#

51 29.6 21.0 31.4

120 21.9 18.0 27.0

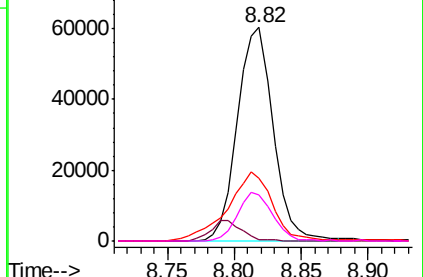
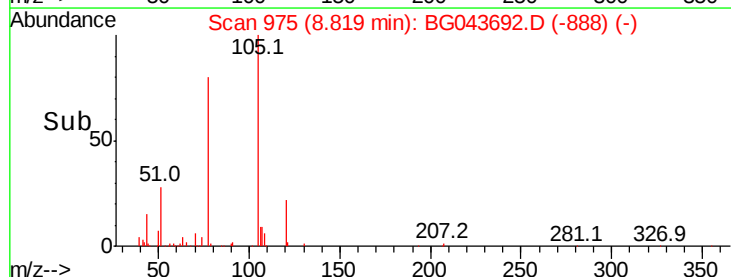


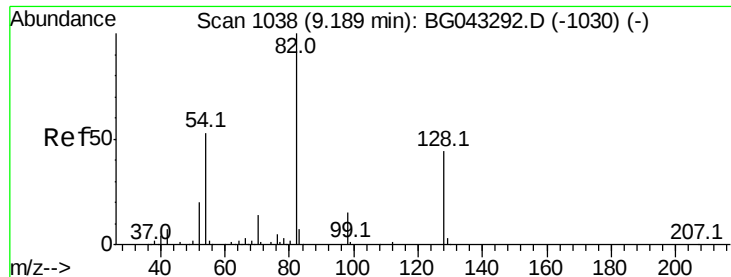
Abundance Ion 105.00 (104.70 to 105.70): E

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

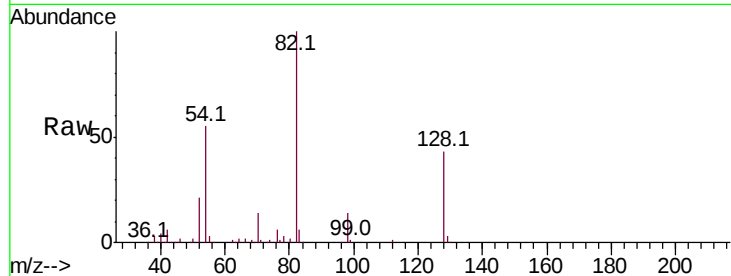




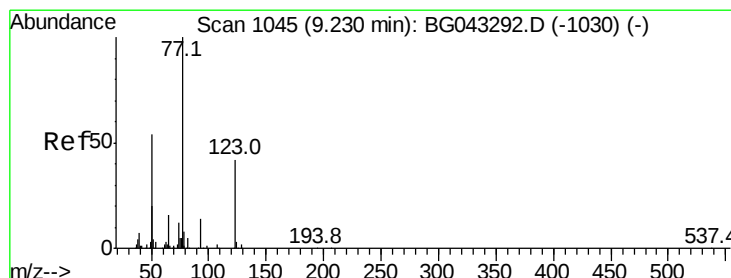
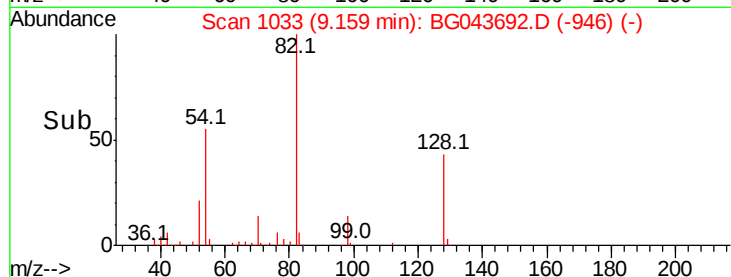
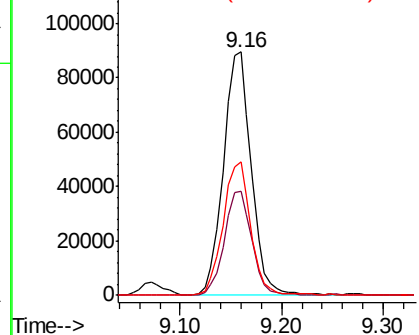
#23
 Nitrobenzene-d5
 Concen: 78.664 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 171033
 Ion Ratio Lower Upper
 82 100
 128 42.9 35.0 52.6
 54 54.6 40.2 60.2

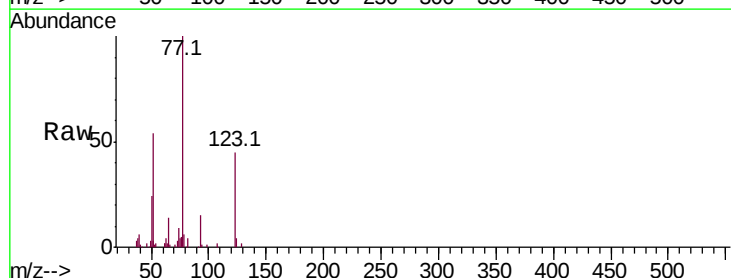


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

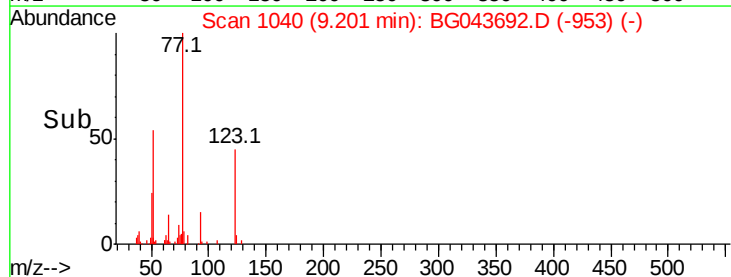
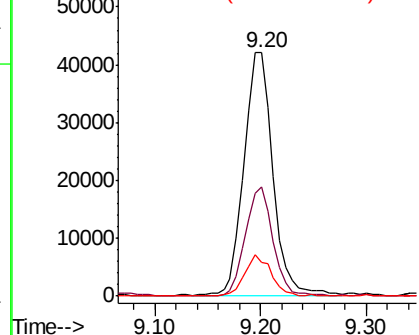


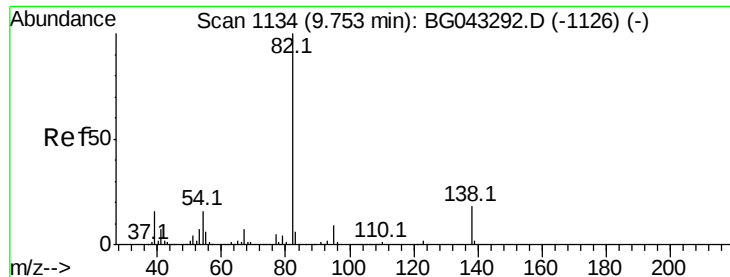
#24
 Nitrobenzene
 Concen: 39.040 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Tgt Ion: 77 Resp: 80859
 Ion Ratio Lower Upper
 77 100
 123 44.7 35.0 52.6
 65 13.6 9.5 14.3



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

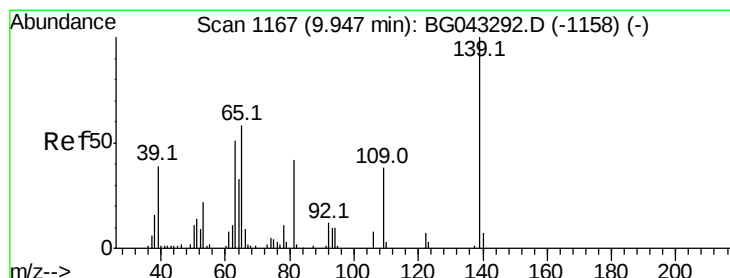
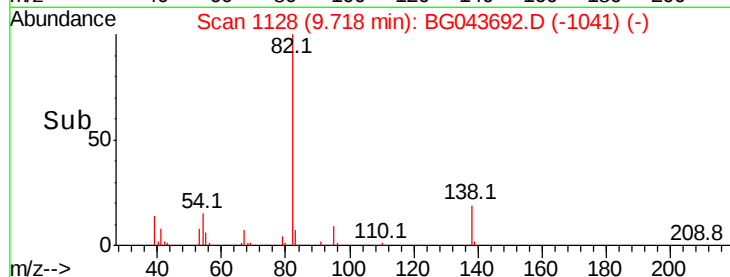
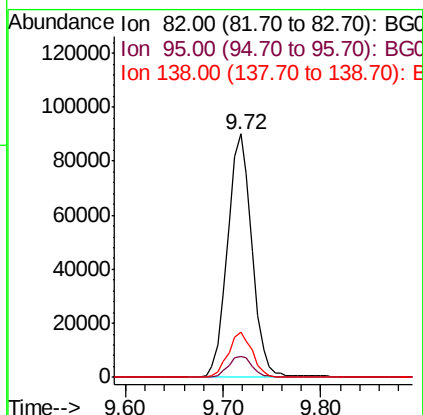
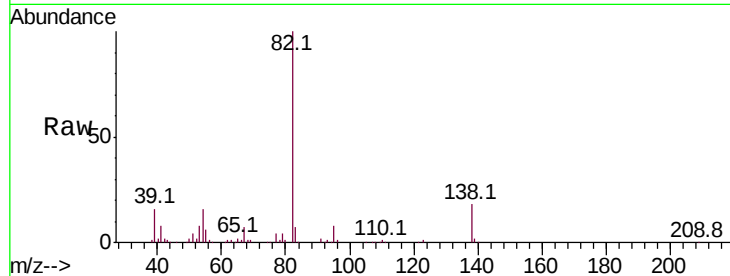




#25
Isophorone
Concen: 39.350 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

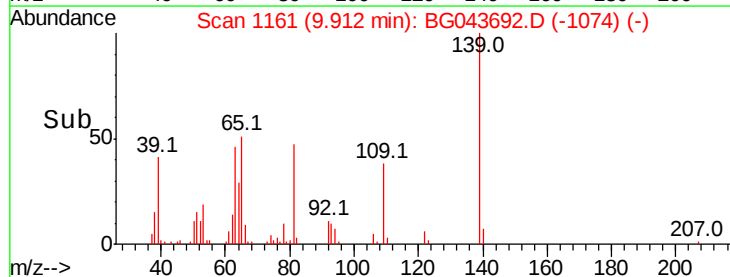
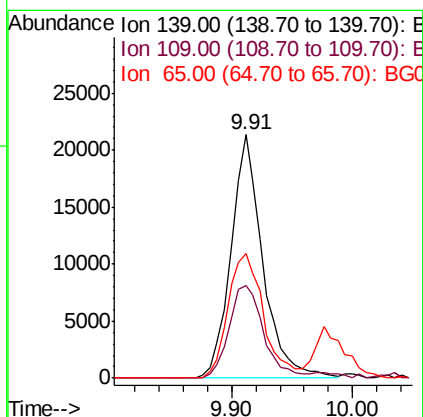
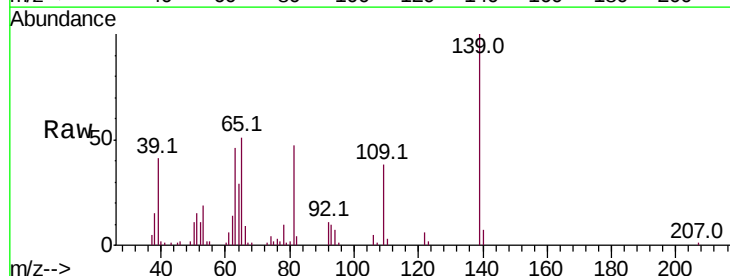
Instrument :
BNA_G
ClientSampleId :

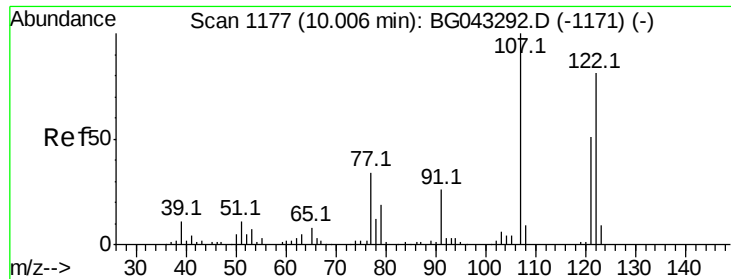
Tot Ion: 82 Resp: 156420
Ion Ratio Lower Upper
82 100
95 8.5 6.6 9.8
138 18.4 15.2 22.8



#26
2-Nitrophenol
Concen: 39.158 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Tgt Ion: 139 Resp: 39155
Ion Ratio Lower Upper
139 100
109 38.2 26.5 39.7
65 50.9 43.8 65.8

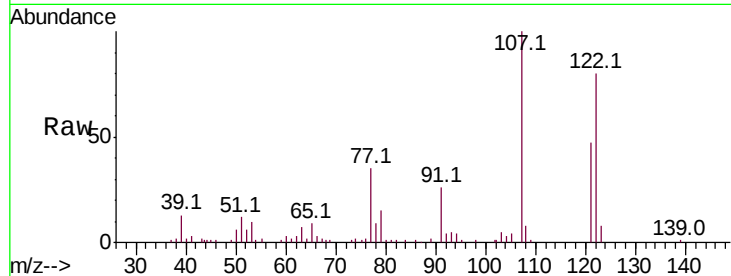




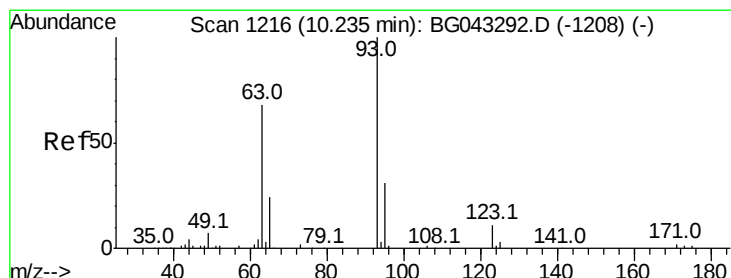
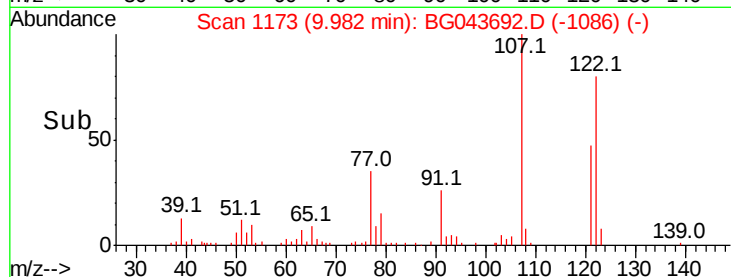
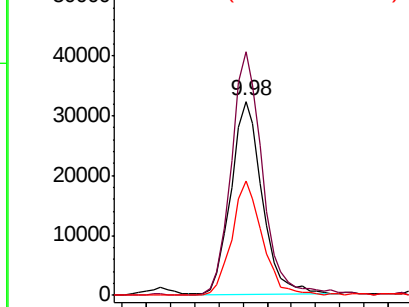
#27
 2,4-Dimethylphenol
 Concen: 40.788 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 58456
 Ion Ratio Lower Upper
 122 100
 107 125.3 104.4 156.6
 121 58.7 47.2 70.8

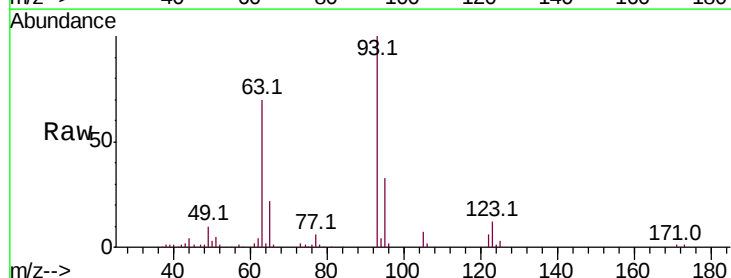


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

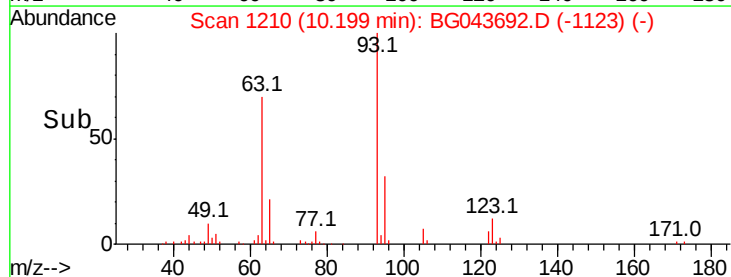
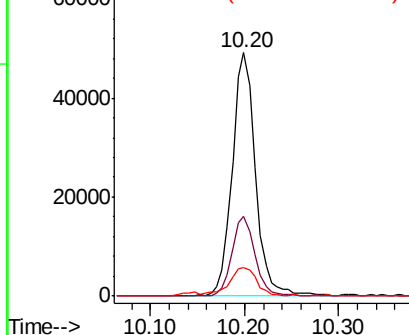


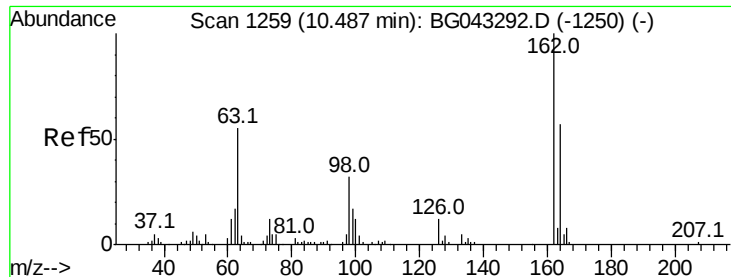
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.656 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Tgt Ion: 93 Resp: 84807
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.0 39.0
 123 11.9 10.6 15.8



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

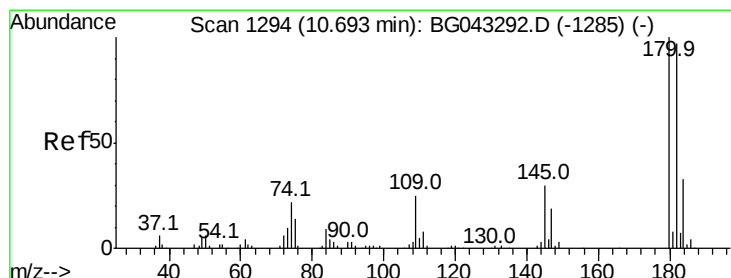
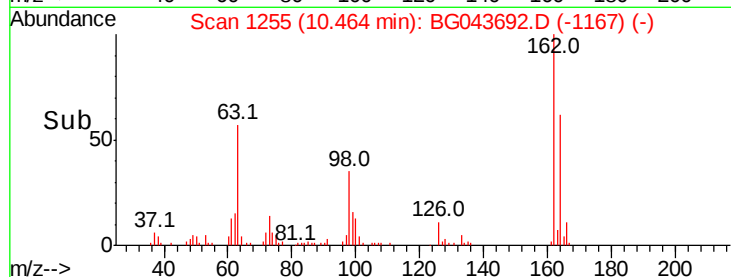
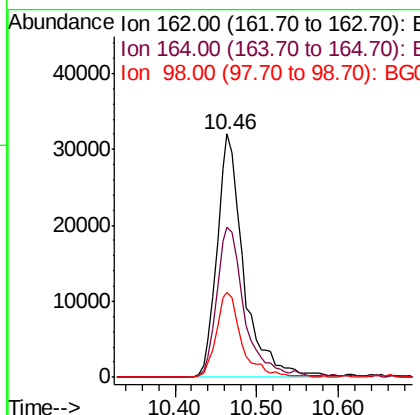
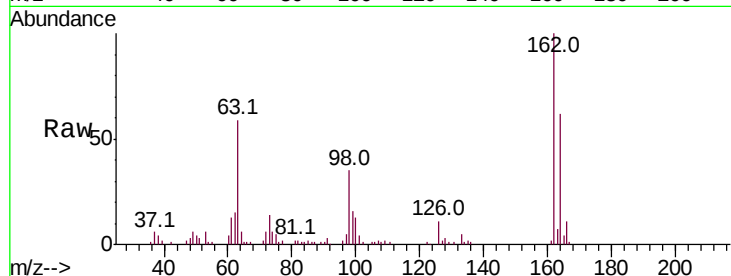




#29
2,4-Dichlorophenol
Concen: 39.557 ng
RT: 10.46 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

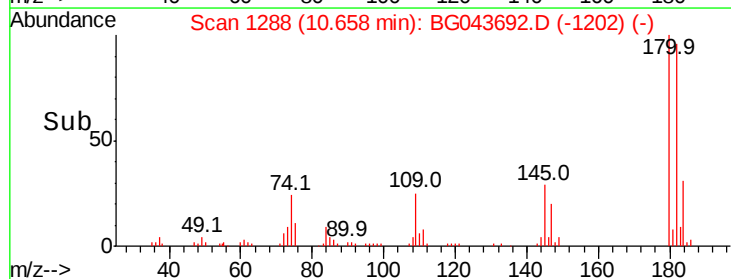
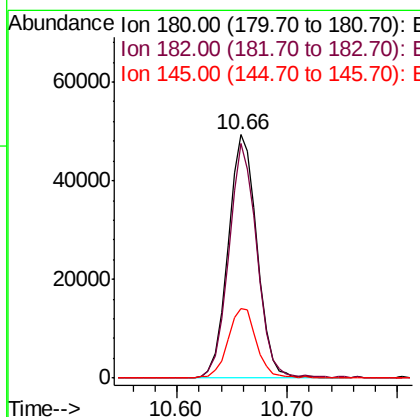
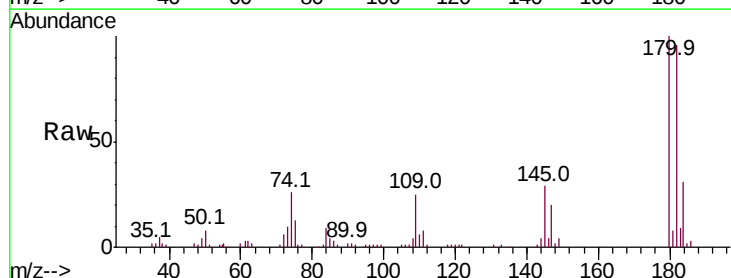
Instrument :
BNA_G
ClientSampleId :

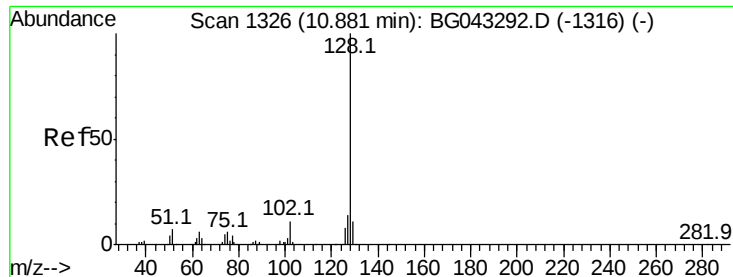
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	48.9	88.9
98	35.0	15.1	55.1



#30
1,2,4-Trichlorobenzene
Concen: 39.005 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.1	112.7
145	28.7	23.9	35.9

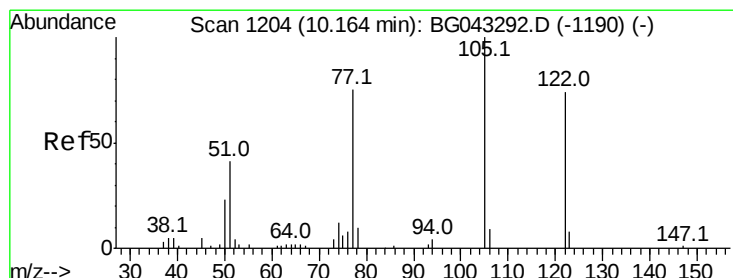
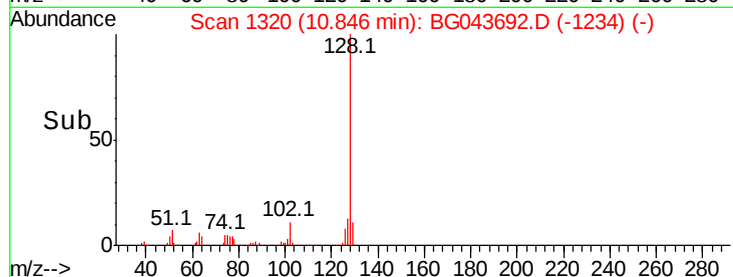
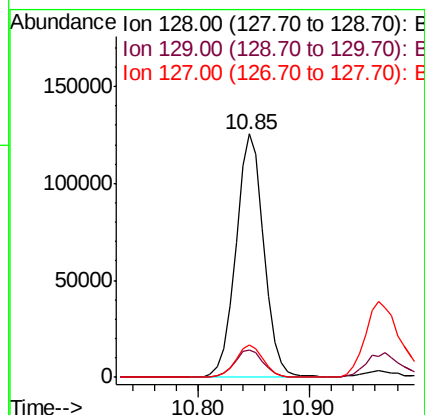
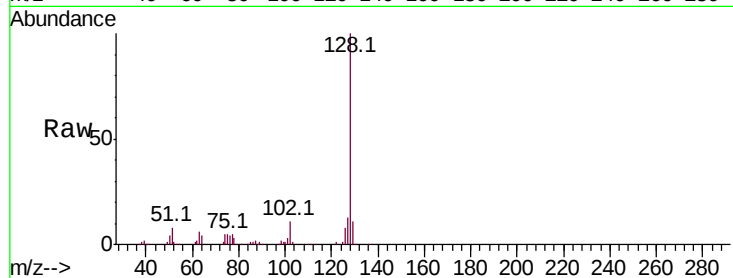




#31
Naphthalene
Concen: 39.095 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

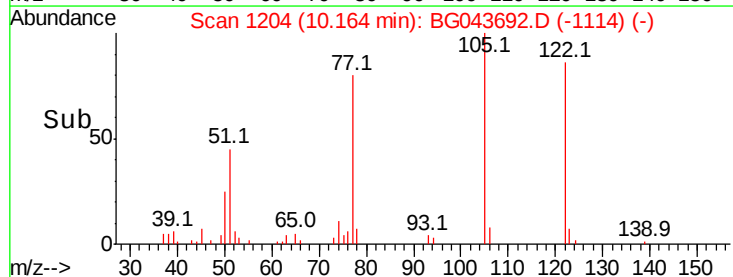
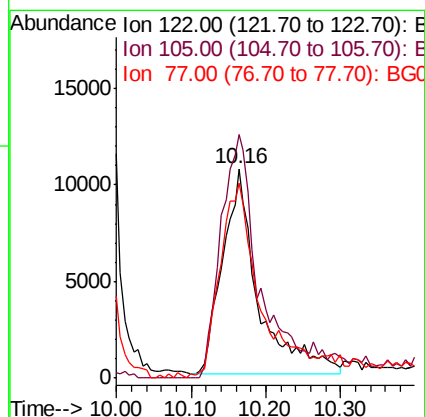
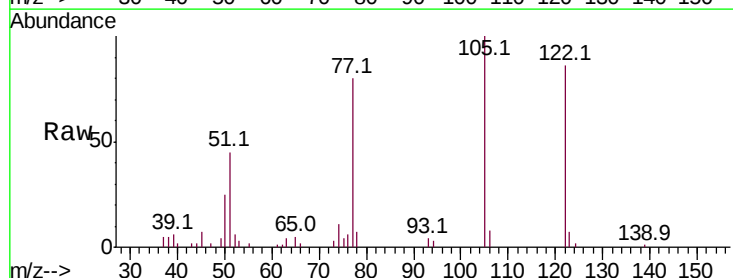
Instrument :
BNA_G
ClientSampleId :

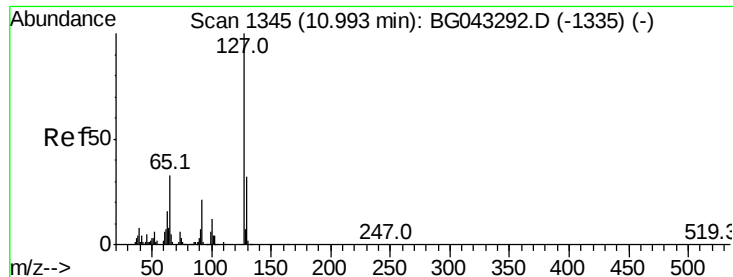
Tot Ion:128 Resp: 222437
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.1 11.1 16.7



#32
Benzoic acid
Concen: 35.241 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Tgt Ion:122 Resp: 35321
Ion Ratio Lower Upper
122 100
105 116.1 103.3 143.3
77 93.1 84.9 124.9

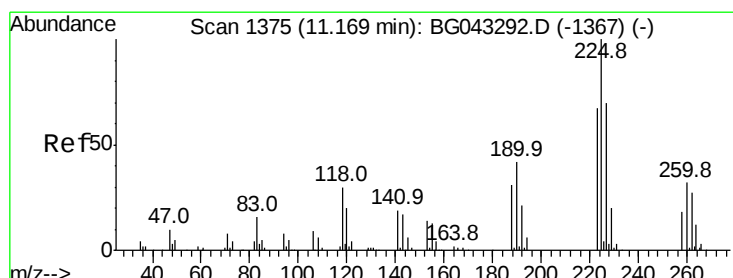
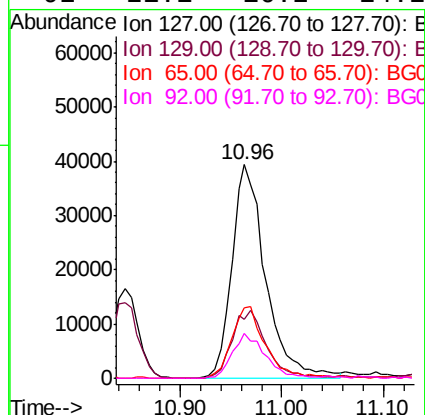
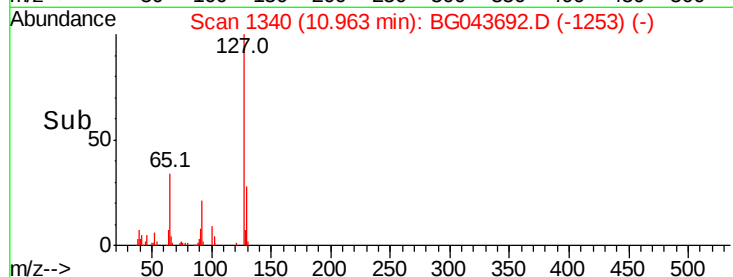
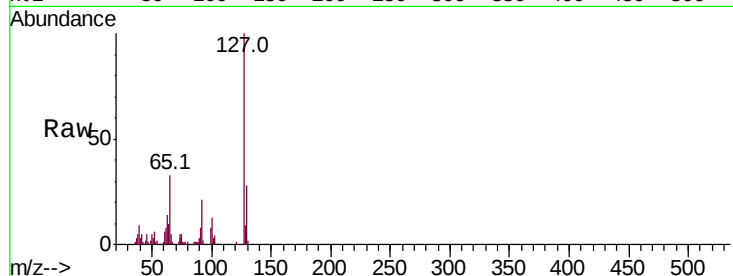




#33
4-Chloroaniline
Concen: 38.914 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

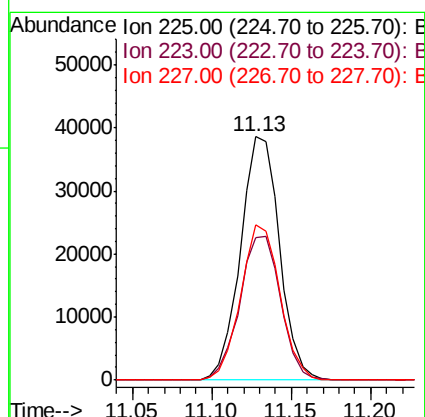
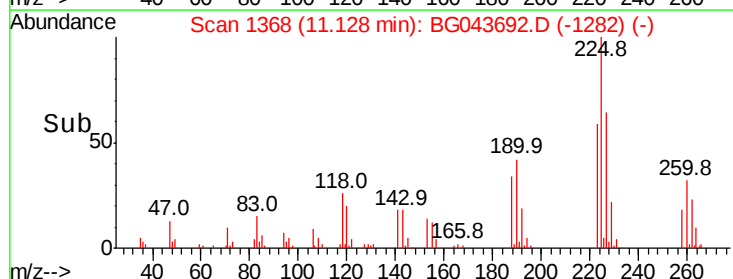
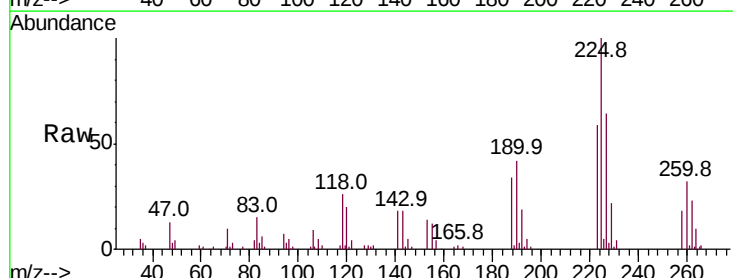
Instrument :
BNA_G
ClientSampleId :

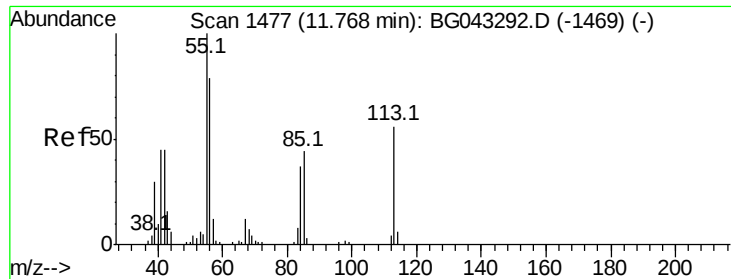
Tot Ion:	127	Resp:	90759
Ion	Ratio	Lower	Upper
127	100		
129	27.8	26.5	39.7
65	33.2	26.4	39.6
92	21.1	16.2	24.2



#34
Hexachlorobutadiene
Concen: 38.547 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Tgt Ion:	225	Resp:	65949
Ion	Ratio	Lower	Upper
225	100		
223	58.7	52.7	79.1
227	63.5	54.8	82.2

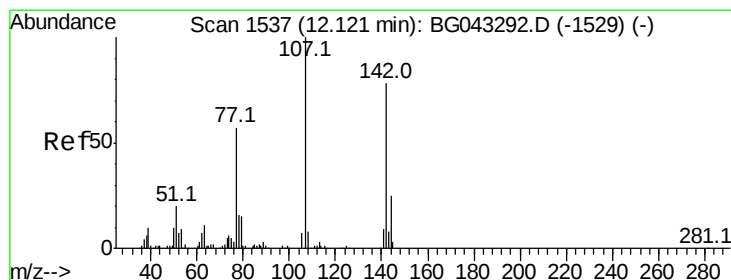
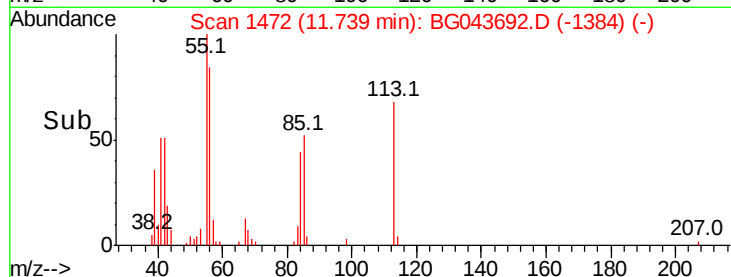
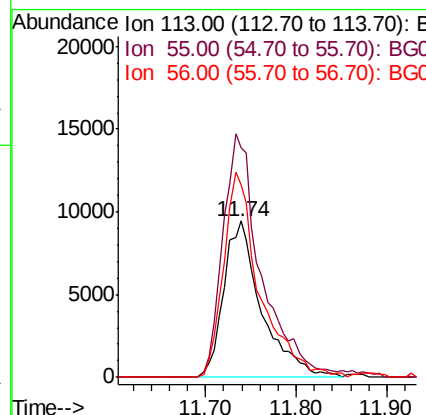
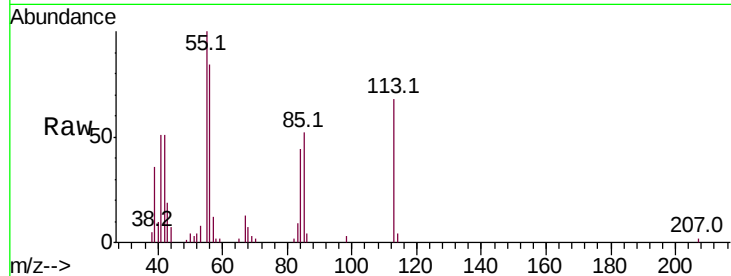




#35
 Caprolactam
 Concen: 43.048 ng
 RT: 11.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

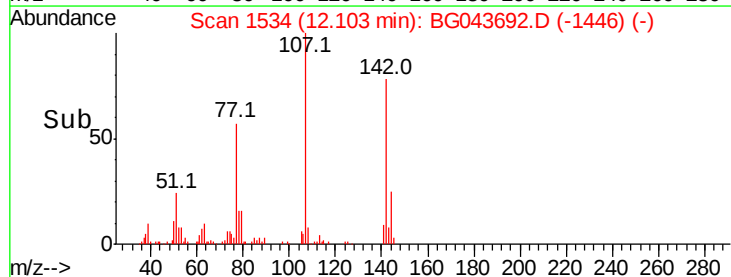
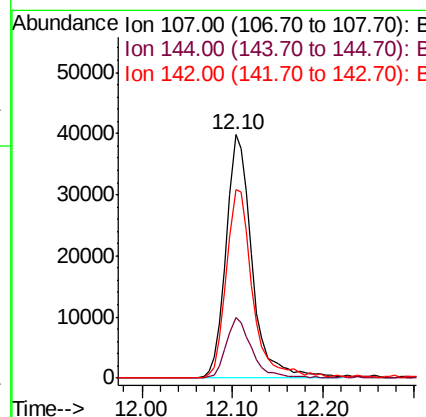
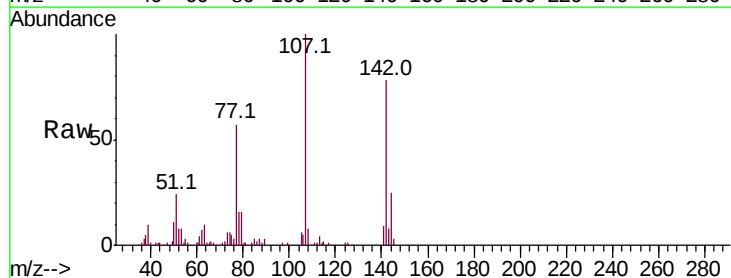
Instrument :
 BNA_G
 ClientSampleId :

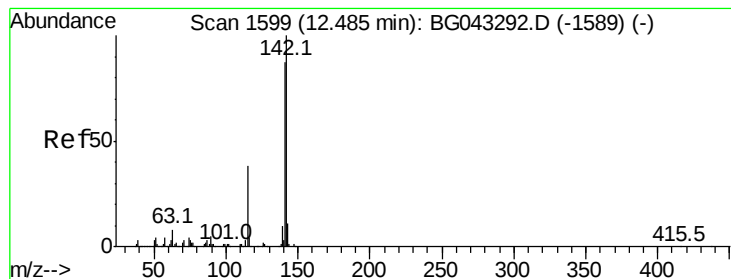
Tot Ion:113 Resp: 27225
 Ion Ratio Lower Upper
 113 100
 55 146.9 134.1 174.1
 56 123.2 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 39.764 ng
 RT: 12.10 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Tgt Ion:107 Resp: 79648
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.9 31.3
 142 77.5 59.6 89.4





#37

2-Methylnaphthalene

Concen: 39.403 ng

RT: 12.45 min Scan# 1593

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

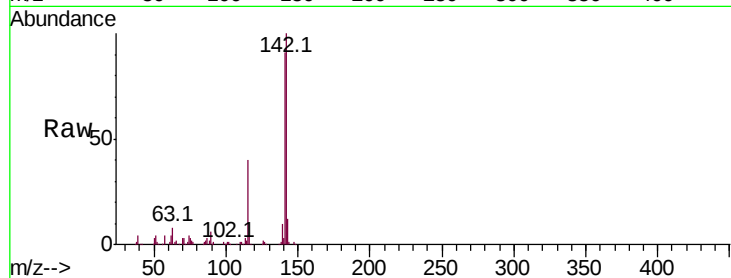
Tot Ion:142 Resp: 172019

Ion Ratio Lower Upper

142 100

141 90.6 72.2 108.2

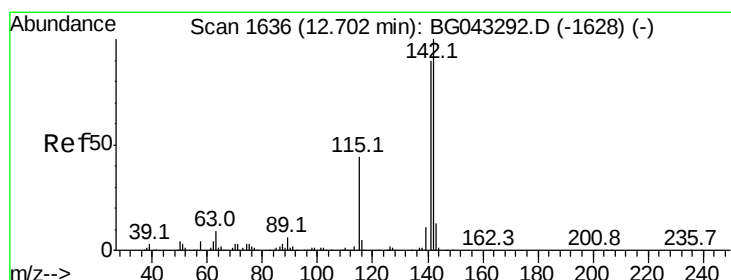
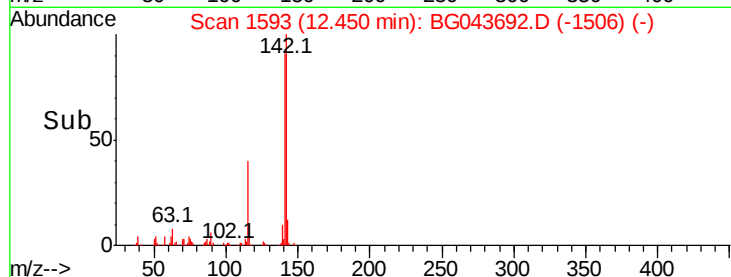
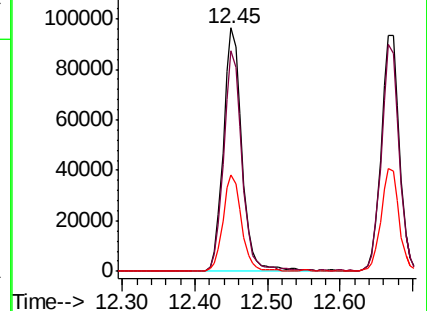
115 39.6 33.2 49.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.031 ng

RT: 12.67 min Scan# 1631

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

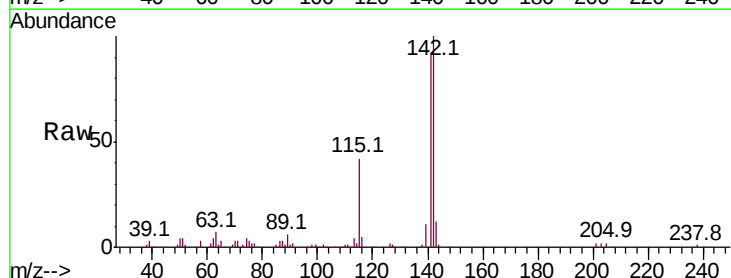
Tgt Ion:142 Resp: 162126

Ion Ratio Lower Upper

142 100

141 92.3 73.2 109.8

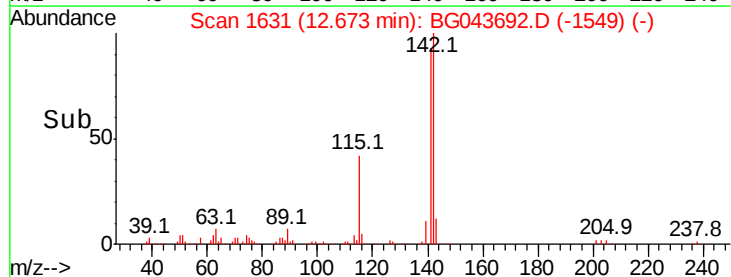
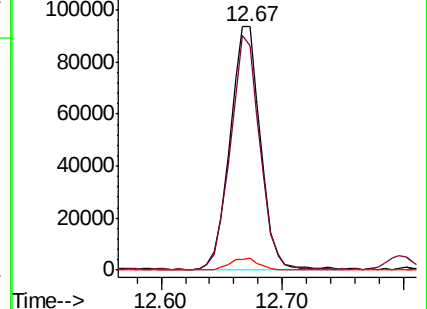
116 5.0 3.6 5.4

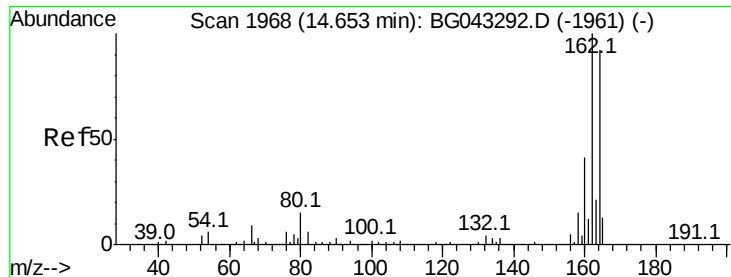


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

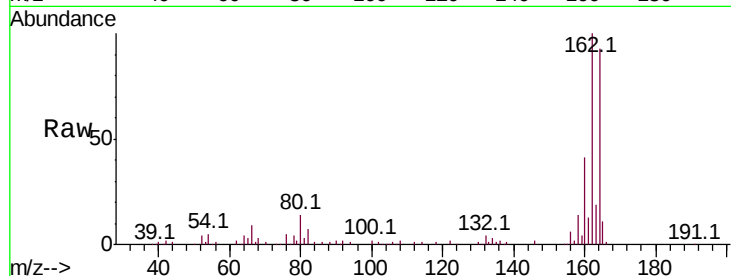




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.1	83.5	125.3
160	43.9	36.5	54.7

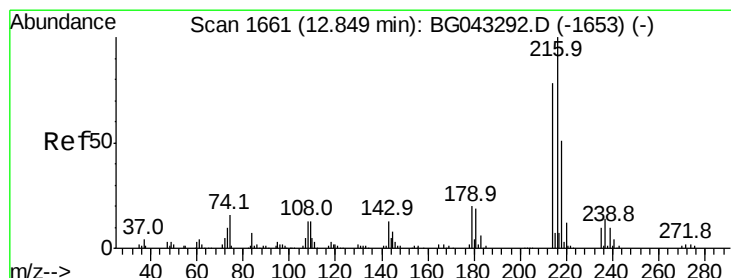
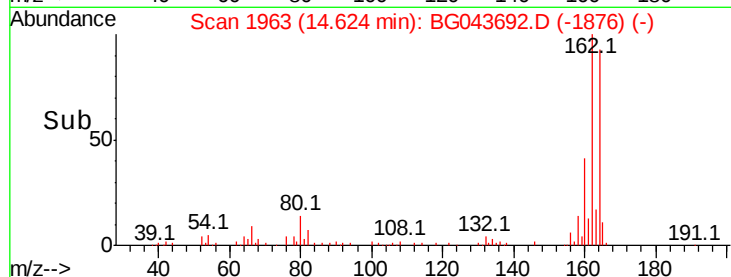
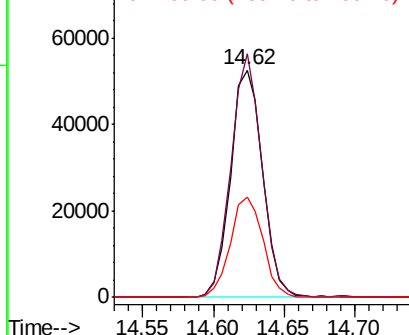


Abundance

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: 39.885 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.5	61.7	92.5
179	18.7	15.8	23.8
108	15.3	11.5	17.3

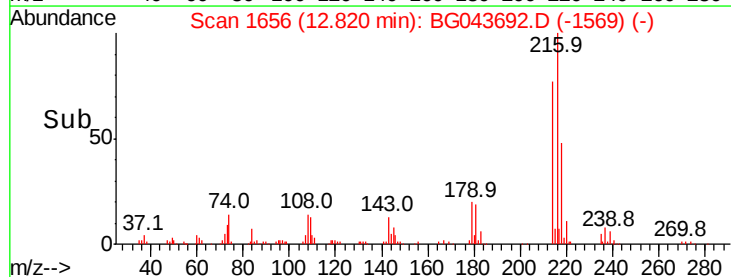
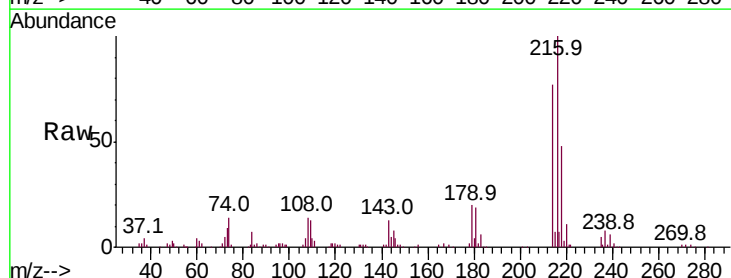
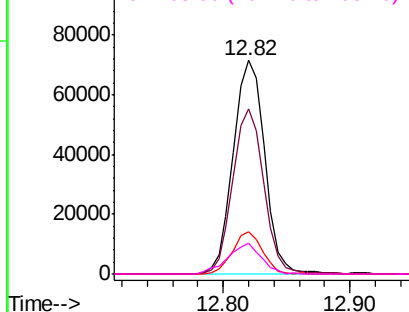
Abundance

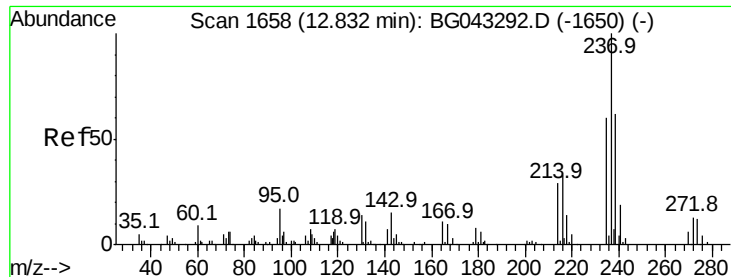
Ion 216.00 (215.70 to 216.70): E

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: 54.671 ng

RT: 12.80 min Scan# 1652

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

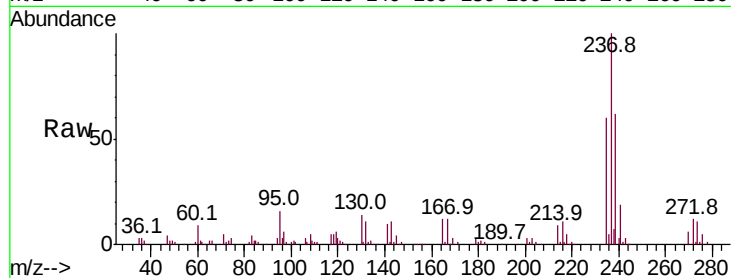
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 88418

Ion	Ratio	Lower	Upper
237	100		
235	60.3	41.6	81.6
272	11.7	0.0	32.5

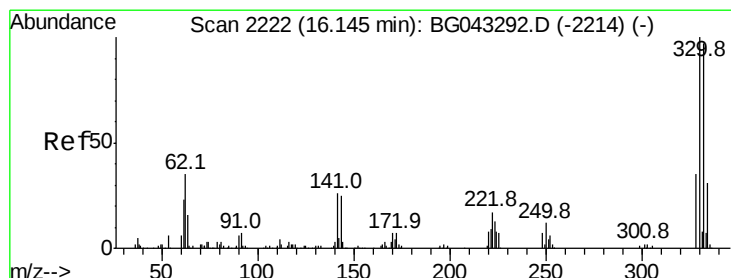
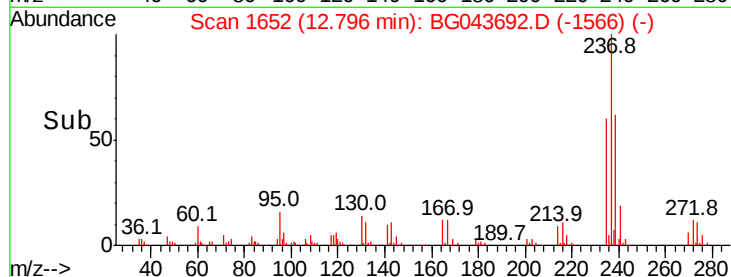
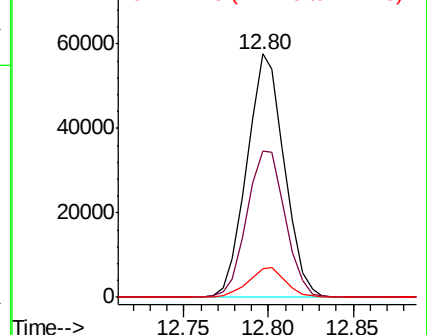


Abundance

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: 76.113 ng

RT: 16.12 min Scan# 2217

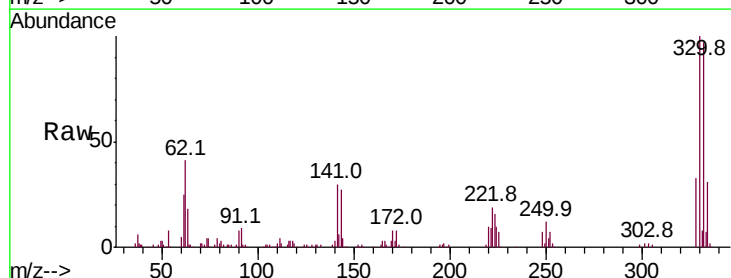
Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Tgt Ion:330 Resp: 120493

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.0
141	29.6	22.8	34.2

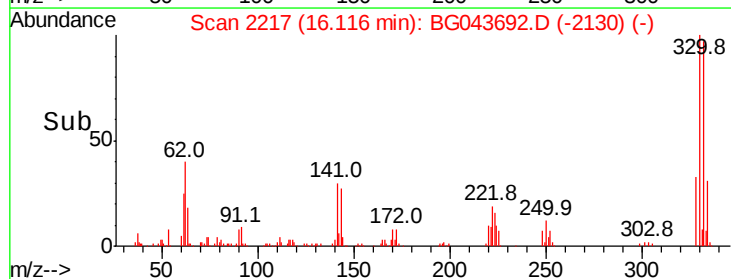
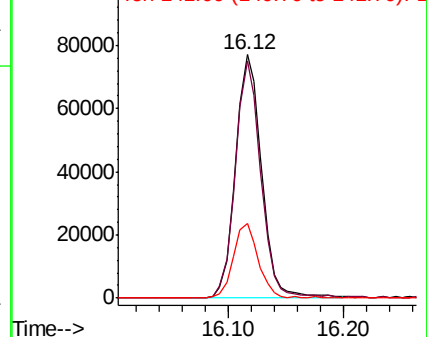


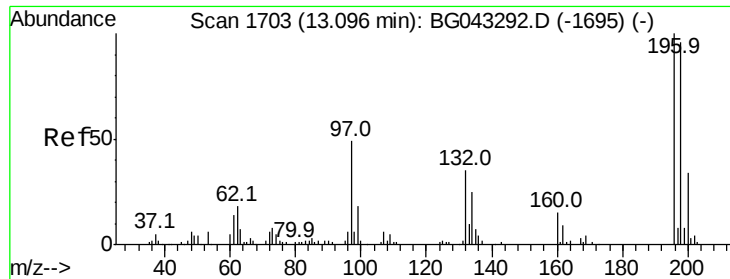
Abundance

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

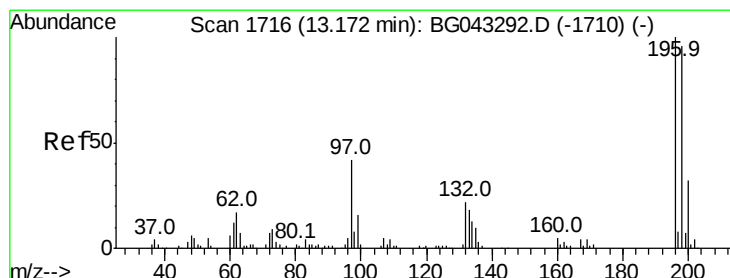
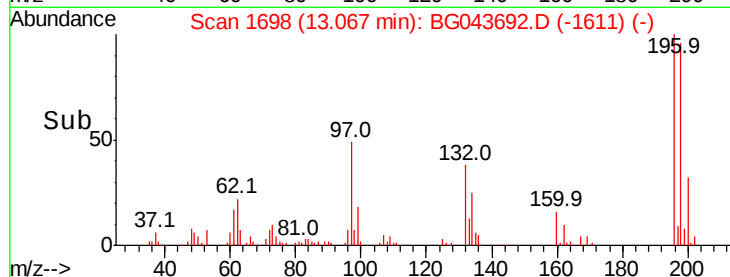
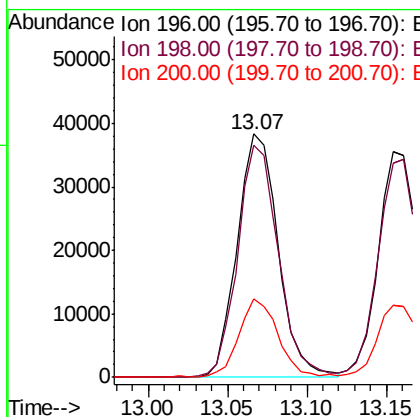
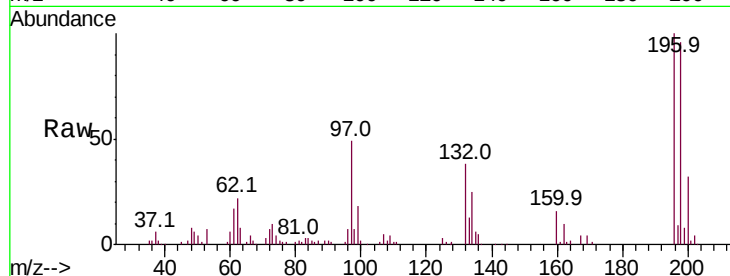




#43
 2,4,6-Trichlorophenol
 Concen: 38.009 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. -0.02 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

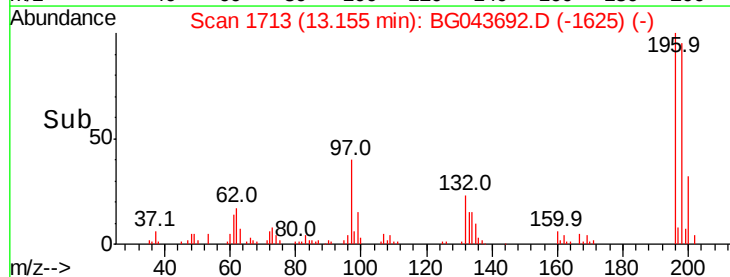
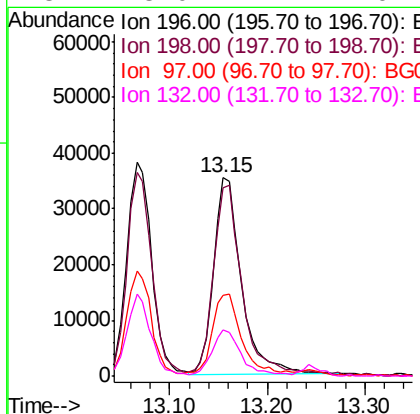
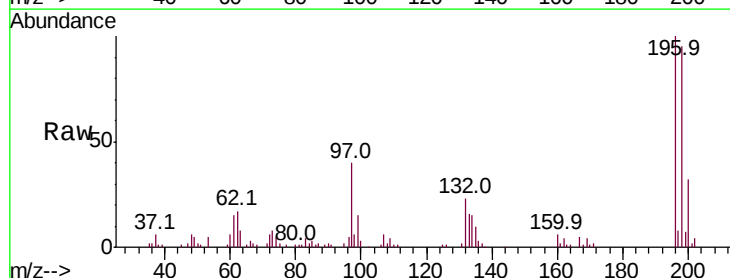
Instrument :
 BNA_G
 ClientSampled :

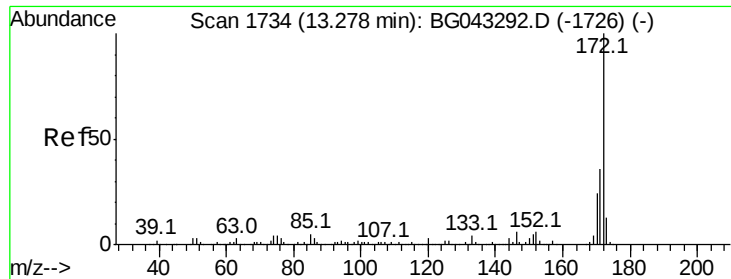
Tot Ion:196 Resp: 68914
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.8 113.6
 200 32.2 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 38.597 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Tgt Ion:196 Resp: 70747
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.5 111.7
 97 40.5 36.3 54.5
 132 23.0 17.4 26.2

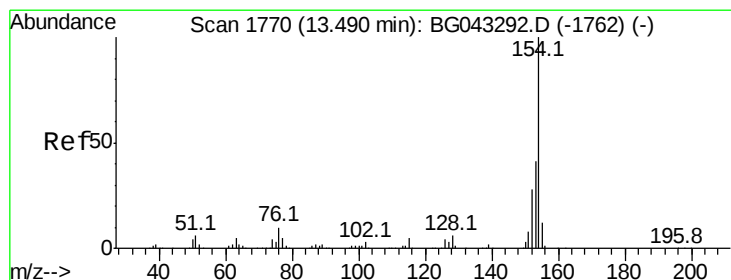
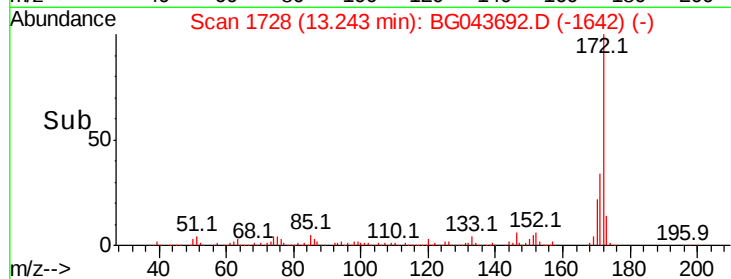
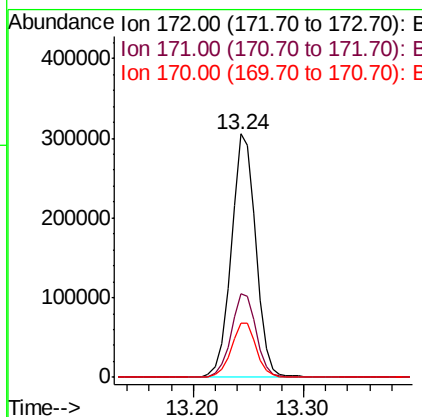
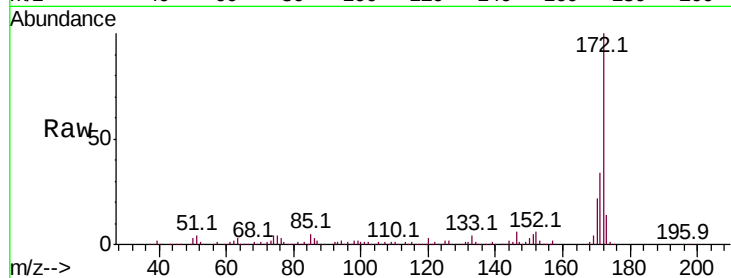




#45
 2-Fluorobiphenyl
 Concen: 78.830 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.02 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

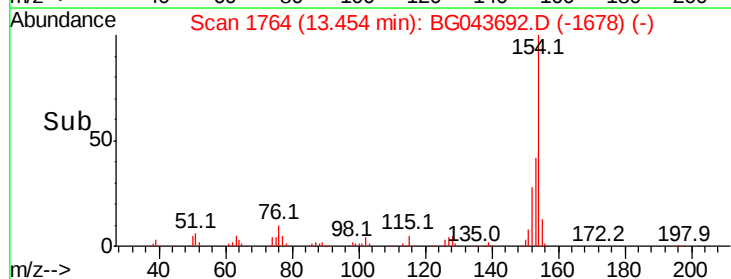
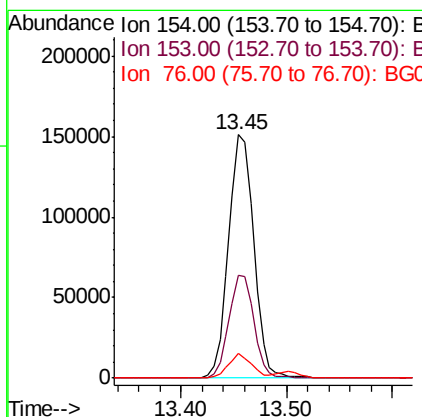
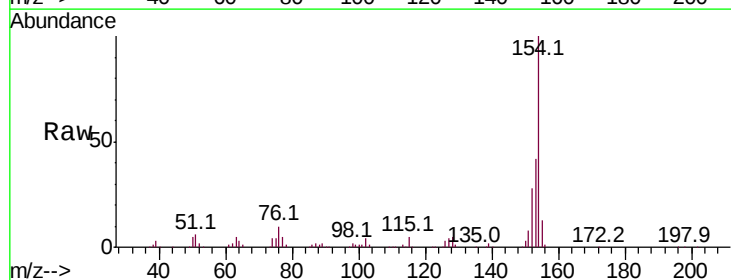
Instrument :
 BNA_G
 ClientSampleId :

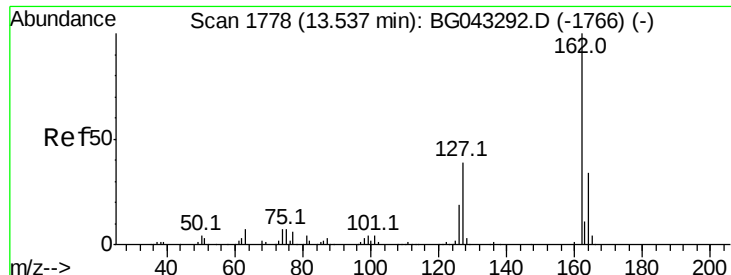
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.9	43.3
170	22.3	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 39.461 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.9	59.9
76	10.0	0.0	29.4

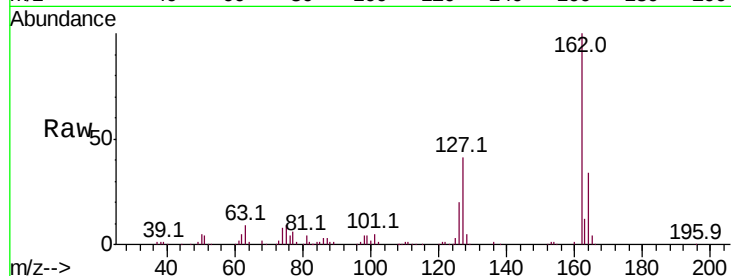




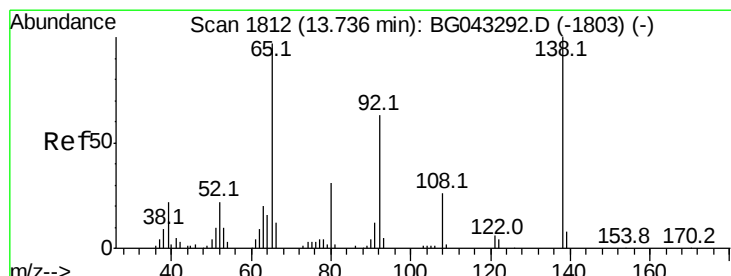
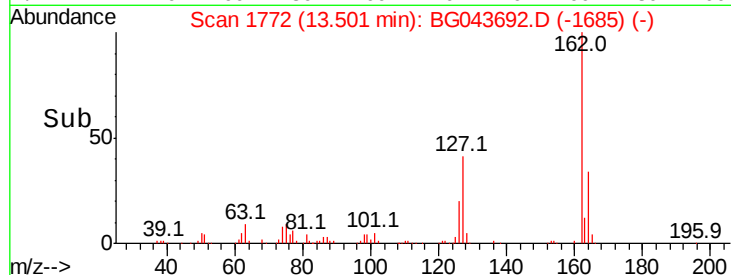
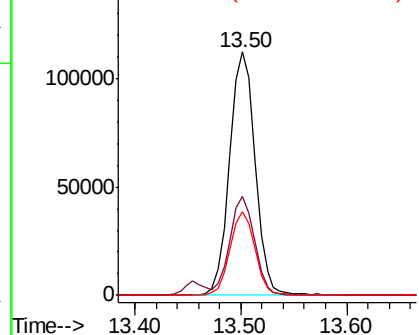
#47
2-Chloronaphthalene
Concen: 39.143 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.2	46.8
164	34.1	25.8	38.8

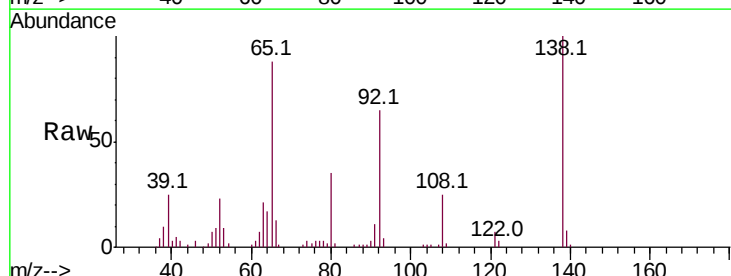


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

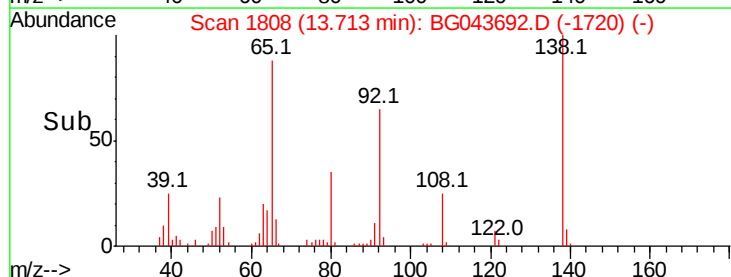
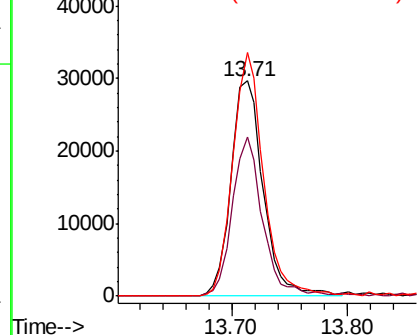


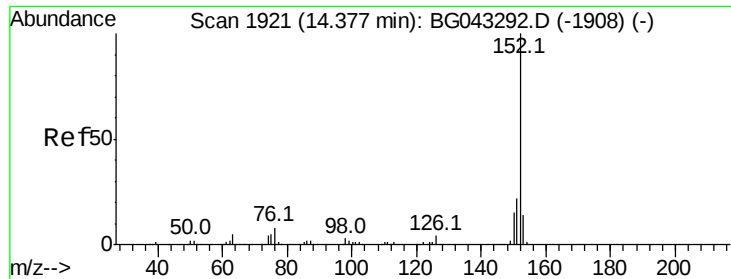
#48
2-Nitroaniline
Concen: 40.144 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	56.2	84.2
138	113.2	82.6	123.8



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: 39.773 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

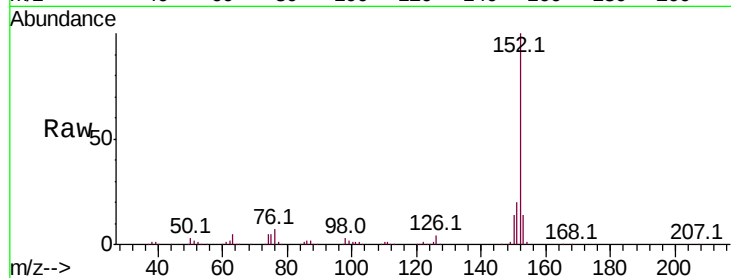
Tot Ion:152 Resp: 298064

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

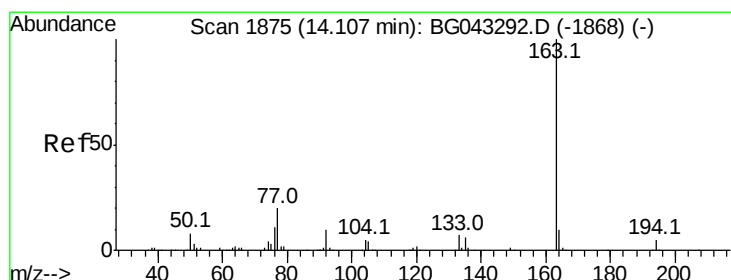
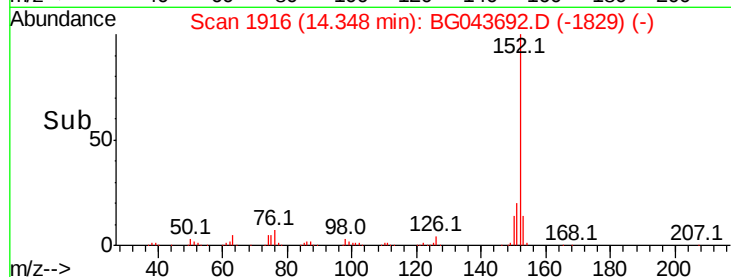
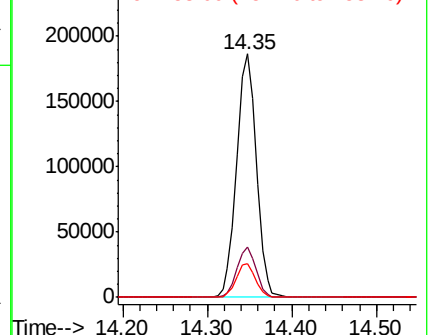
153 13.6 10.6 15.8



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: 40.017 ng

RT: 14.08 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

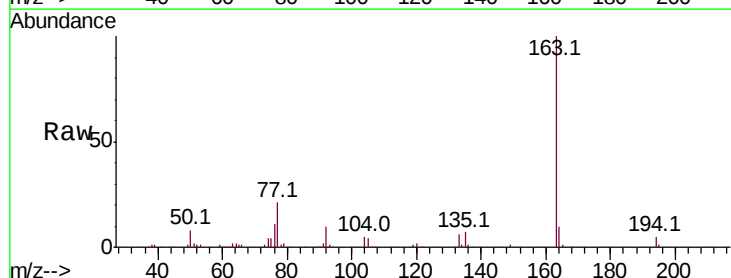
Tgt Ion:163 Resp: 257851

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

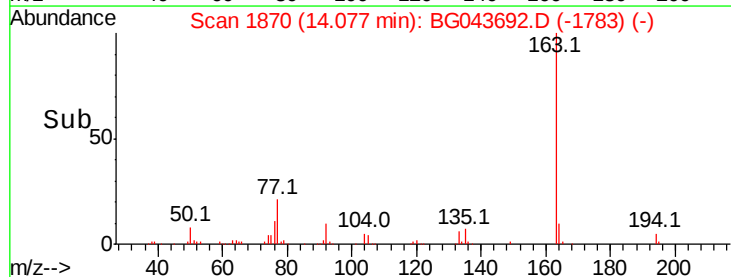
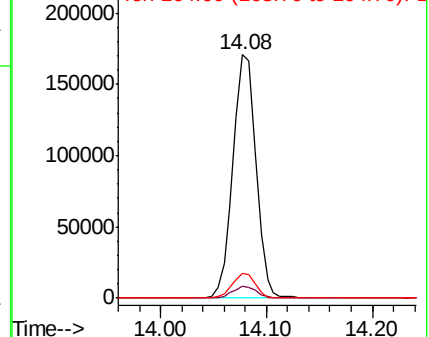
164 10.1 8.9 13.3

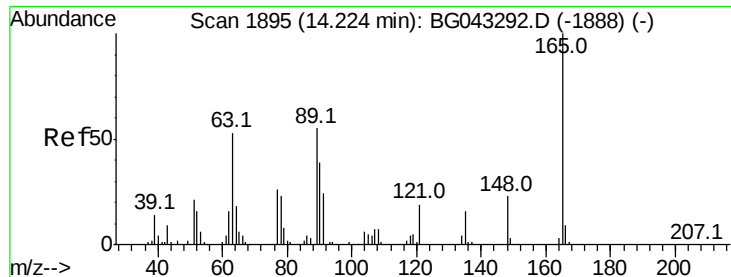


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

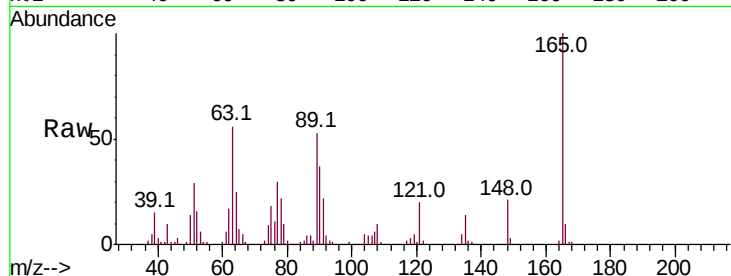




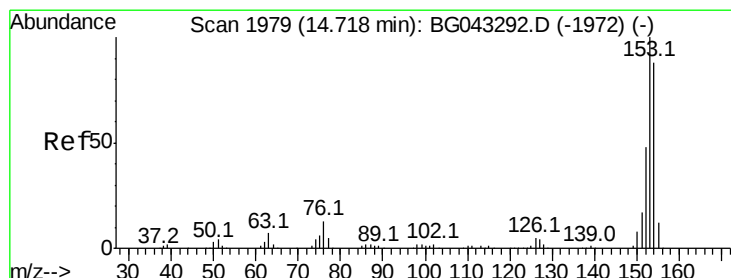
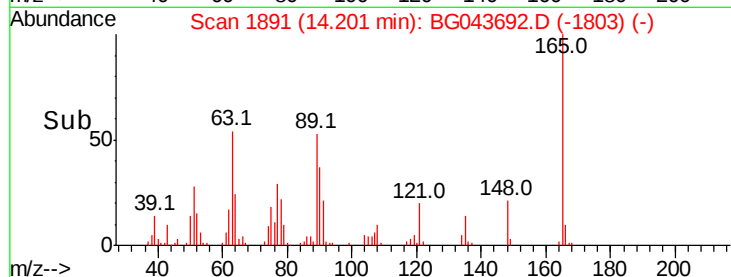
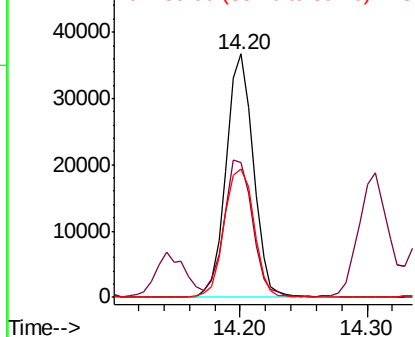
#51
2,6-Dinitrotoluene
Concen: 39.000 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.6	46.6	69.8
89	52.7	45.1	67.7

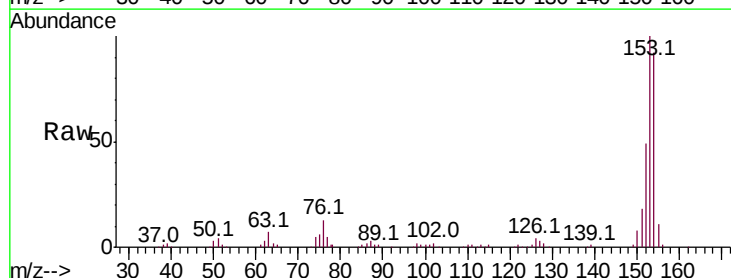


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

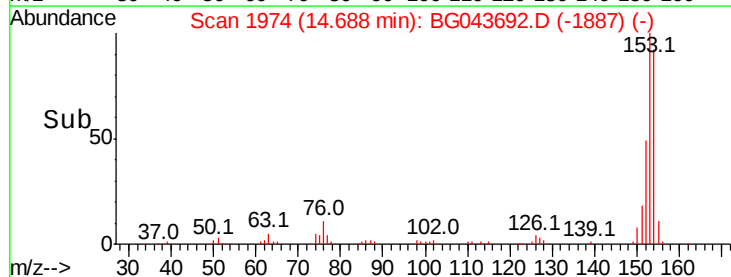
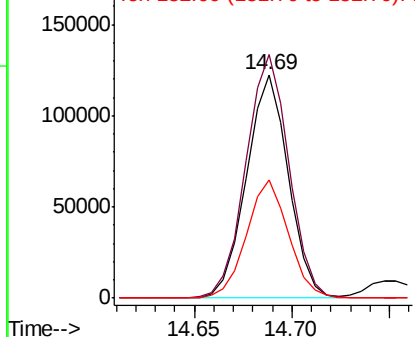


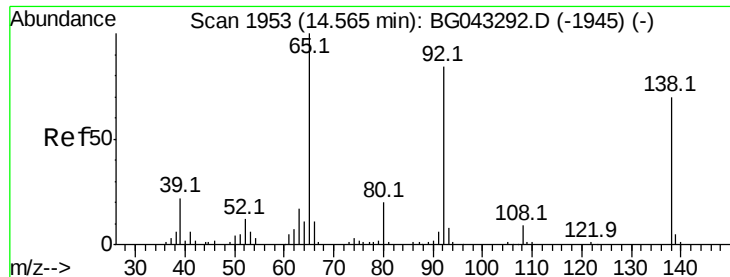
#52
Acenaphthene
Concen: 39.884 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.9	88.2	132.2
152	52.9	40.0	60.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.883 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

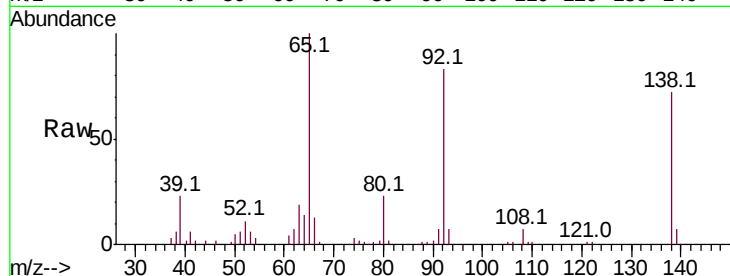
Tot Ion:138 Resp: 55254

Ion Ratio Lower Upper

138 100

108 9.8 8.0 12.0

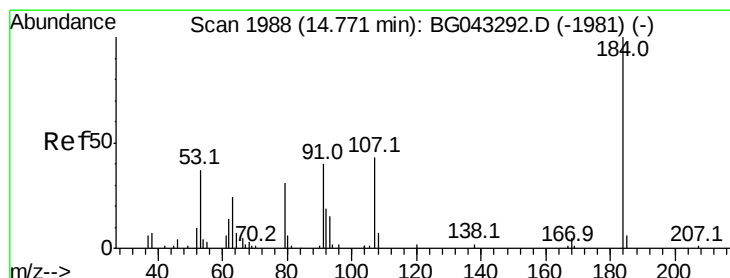
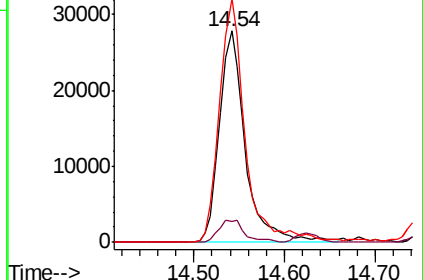
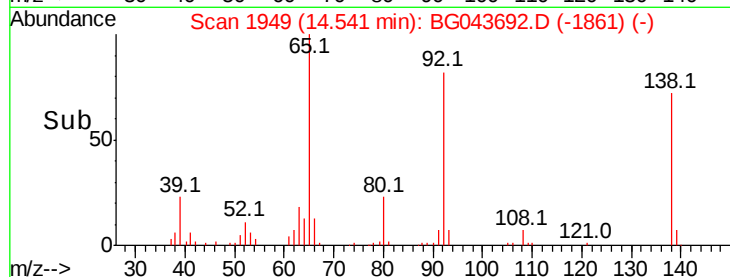
92 115.2 90.9 136.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 41.437 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

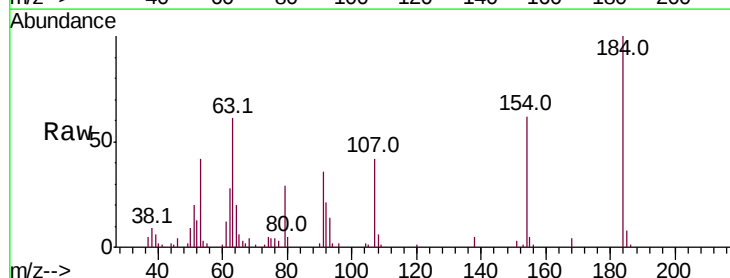
Tgt Ion:184 Resp: 32846

Ion Ratio Lower Upper

184 100

63 61.2 51.3 76.9

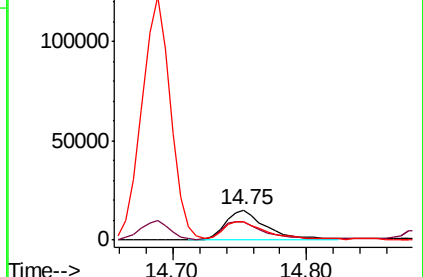
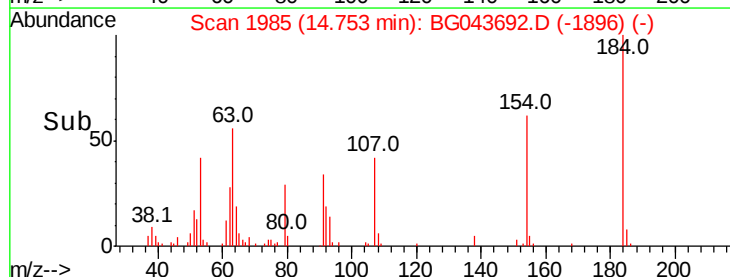
154 62.2 55.4 83.0

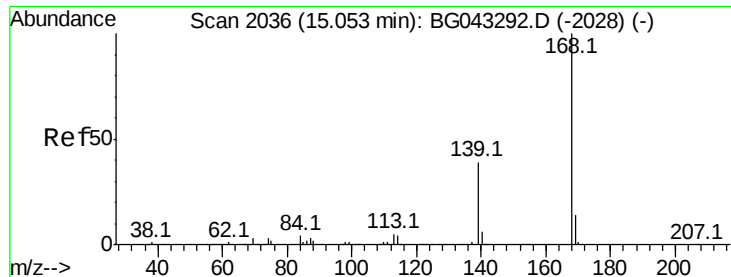


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.472 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampled :

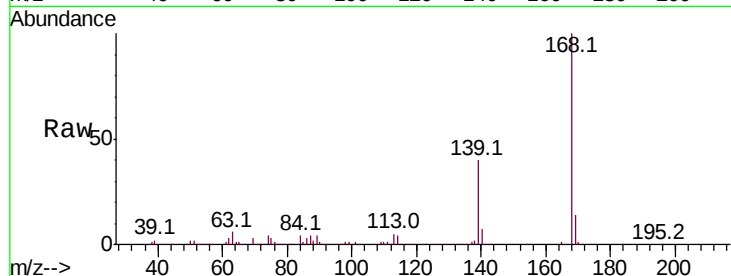
Tot Ion:168 Resp: 292542

Ion Ratio Lower Upper

168 100

139 40.2 31.0 46.6

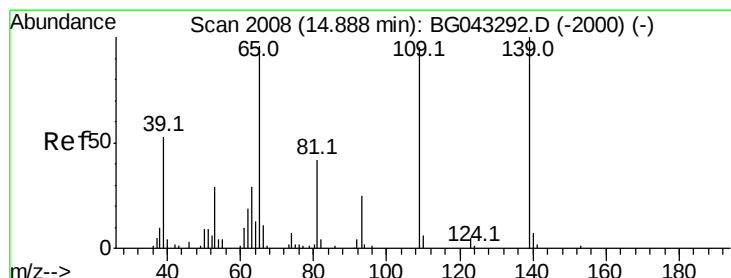
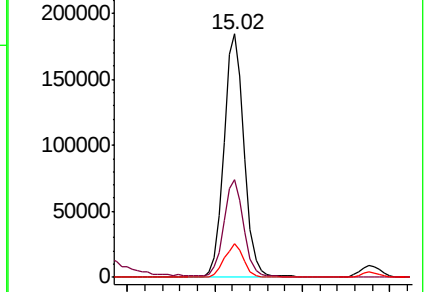
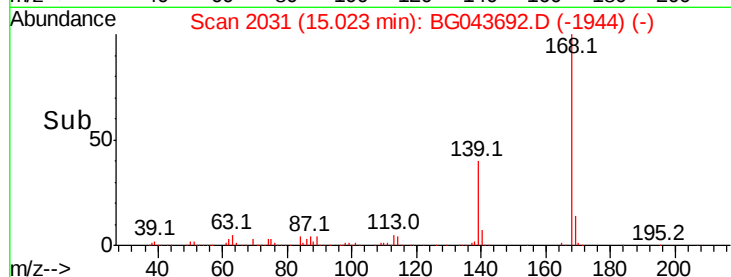
169 13.8 11.7 17.5



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: 36.969 ng

RT: 14.88 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

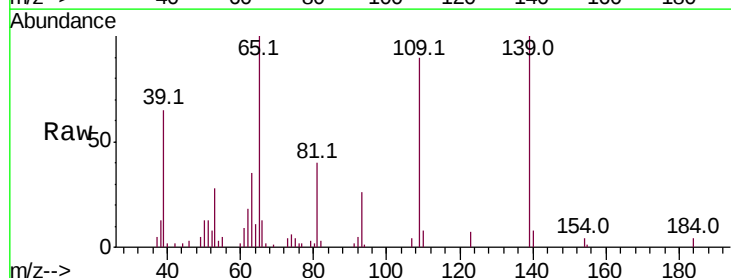
Tgt Ion:139 Resp: 33483

Ion Ratio Lower Upper

139 100

109 90.5 87.2 127.2

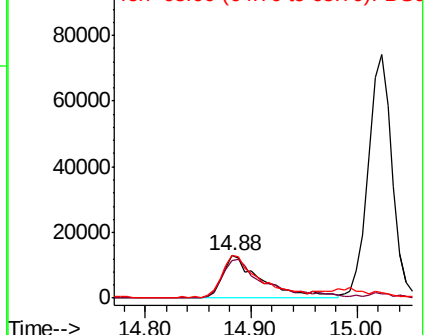
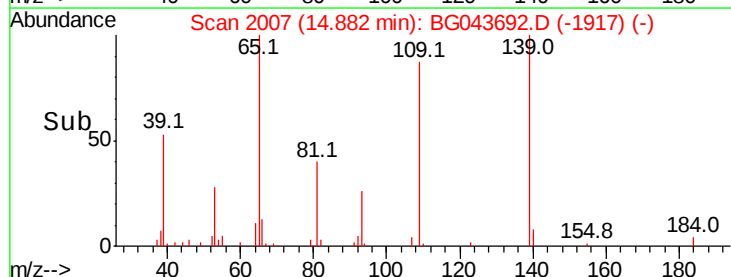
65 100.2 83.8 123.8

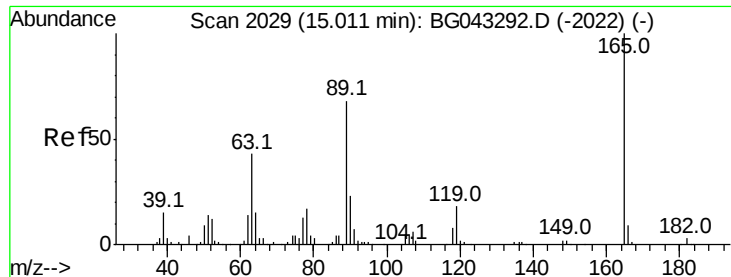


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

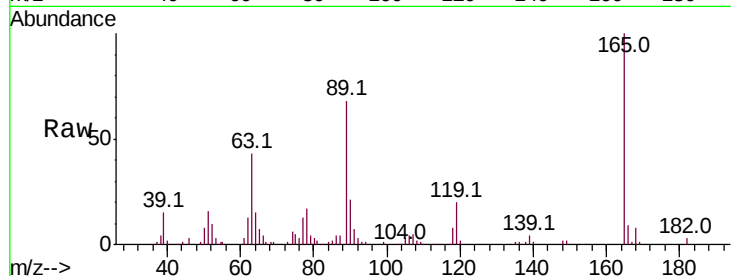




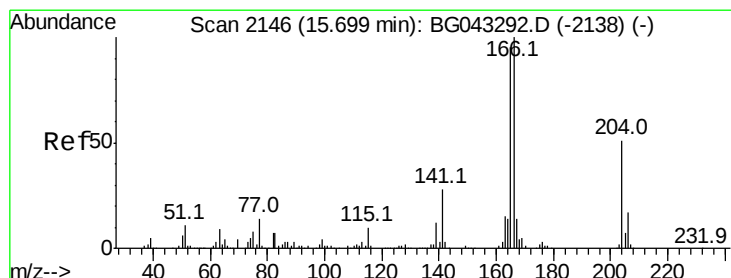
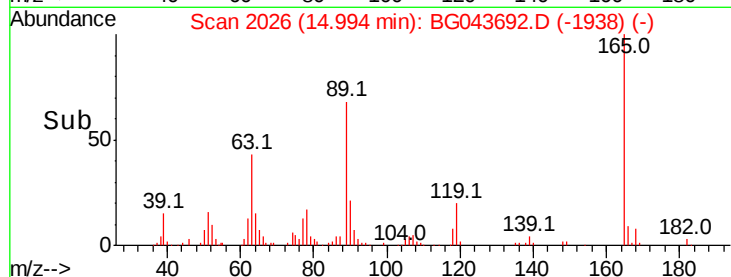
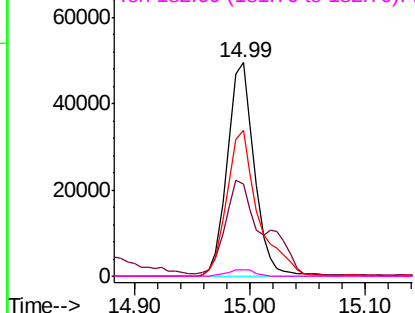
#57
 2,4-Dinitrotoluene
 Concen: 40.284 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	80590
Ion Ratio	Lower	Upper
165	100	
63	43.1	33.2 49.8
89	68.3	52.2 78.4
182	3.0	2.0 3.0

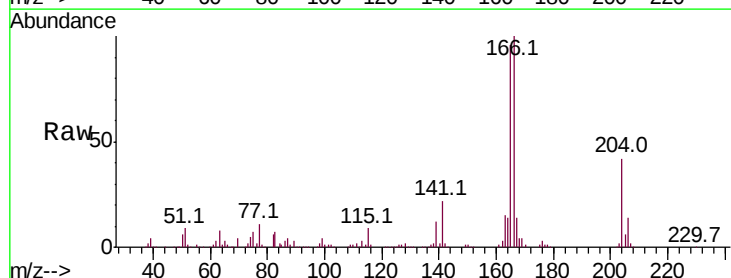


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

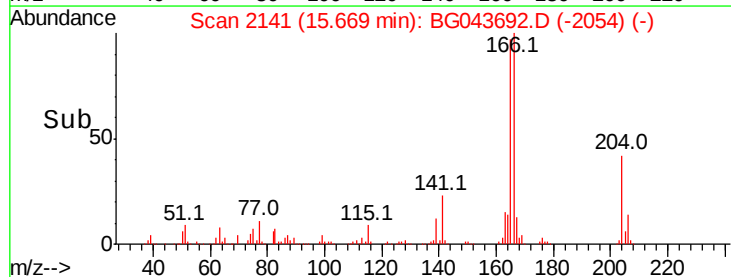
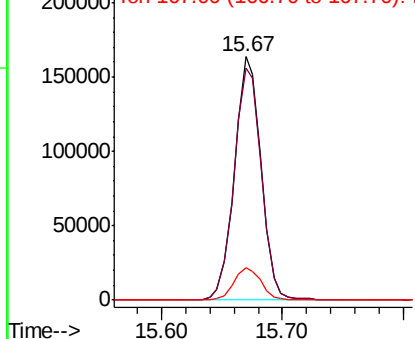


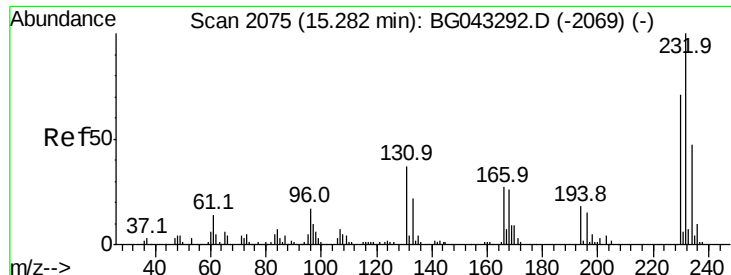
#58
 Fluorene
 Concen: 40.280 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.02 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Tgt Ion:166	Resp:	250380
Ion Ratio	Lower	Upper
166	100	
165	95.6	79.0 118.6
167	13.5	10.5 15.7



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

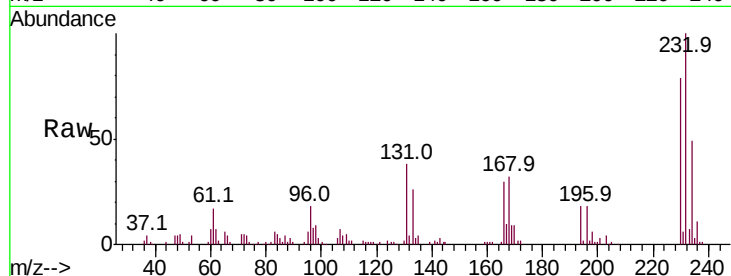




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.006 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.02 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	72068
Ion	Ratio	Lower	Upper
232	100		
131	38.0	26.9	40.3
130	2.1	1.8	2.6
166	27.0	20.9	31.3



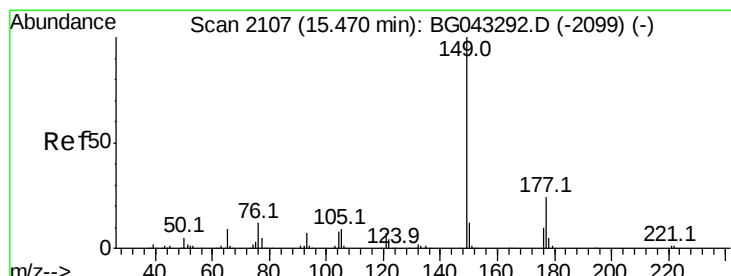
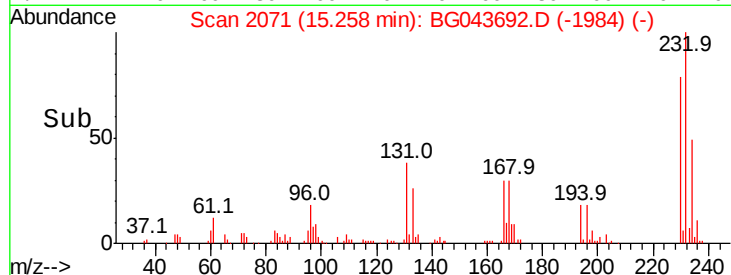
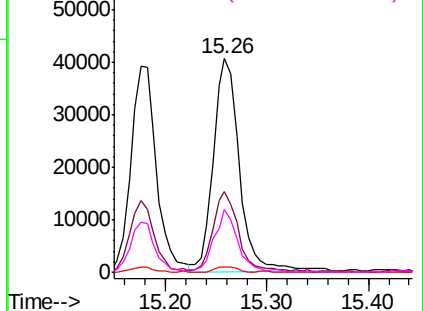
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

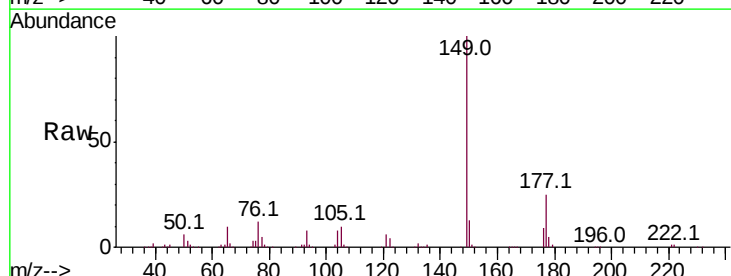
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.683 ng
 RT: 15.43 min Scan# 2101
 Delta R.T. -0.02 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Tgt Ion:	149	Resp:	256926
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.6	29.4
150	13.2	10.8	16.2

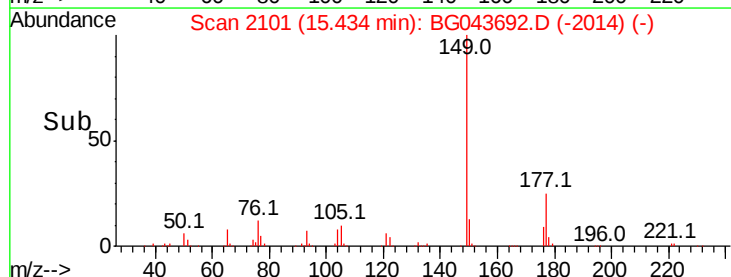
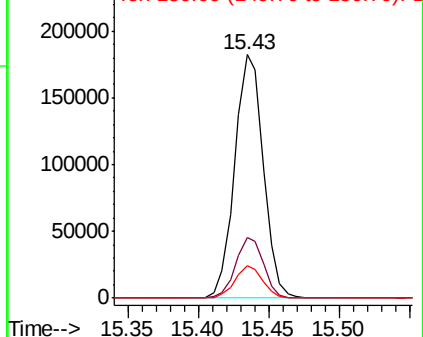


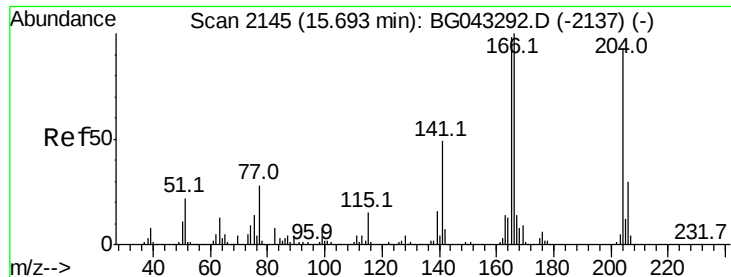
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

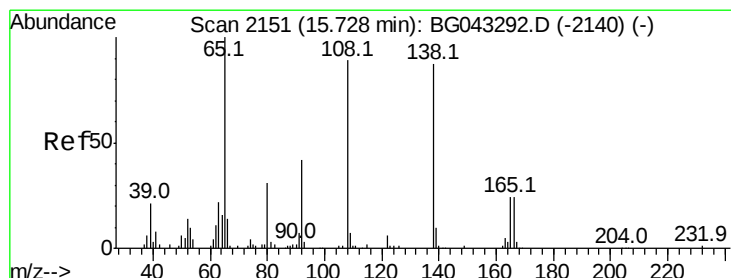
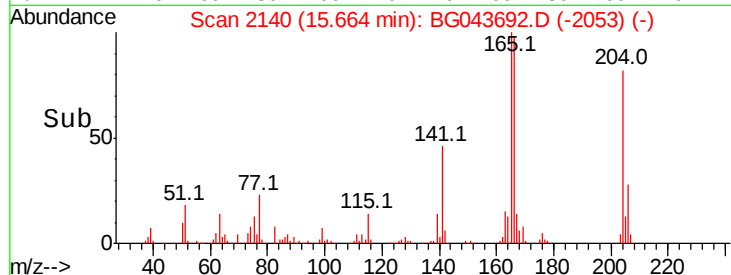
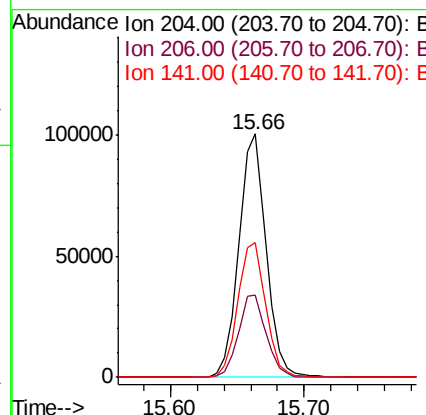
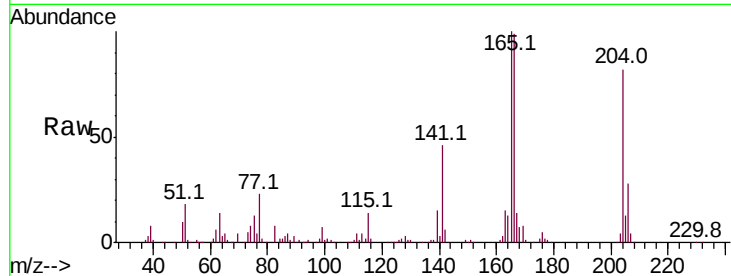




#61
 4-Chlorophenyl-phenylether
 Concen: 39.358 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.02 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

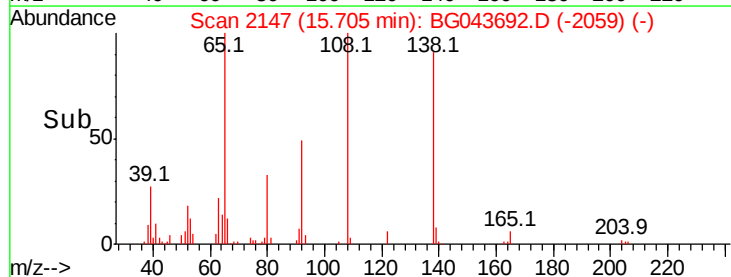
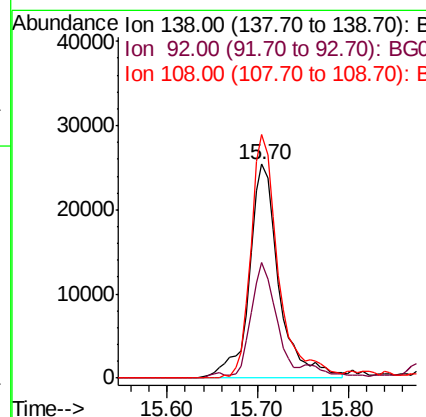
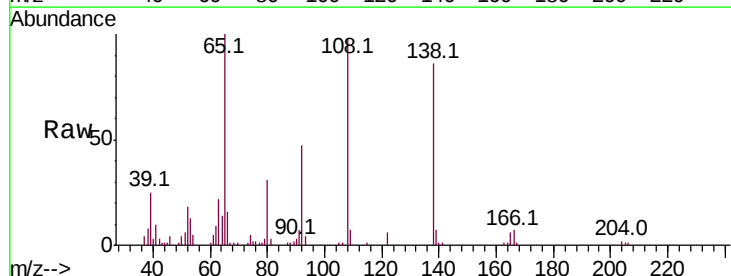
Instrument :
 BNA_G
 ClientSampled :

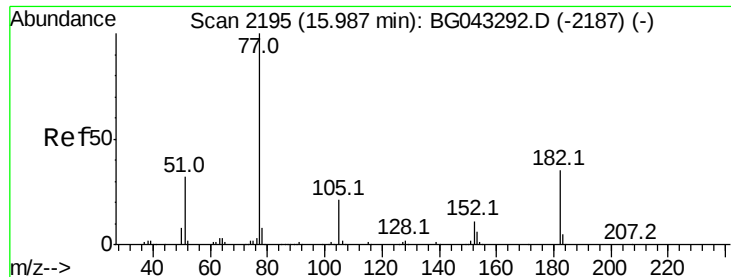
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	28.4	42.6
141	55.4	43.0	64.6



#62
 4-Nitroaniline
 Concen: 41.129 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG043692.D
 Acq: 19 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	33.4	73.4
108	113.8	78.0	118.0

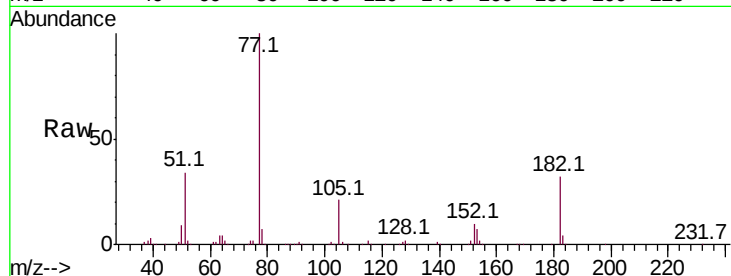




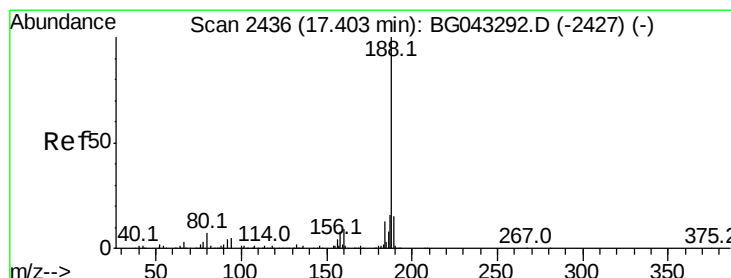
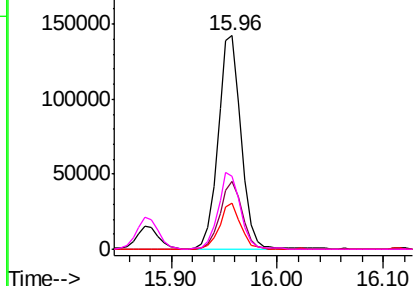
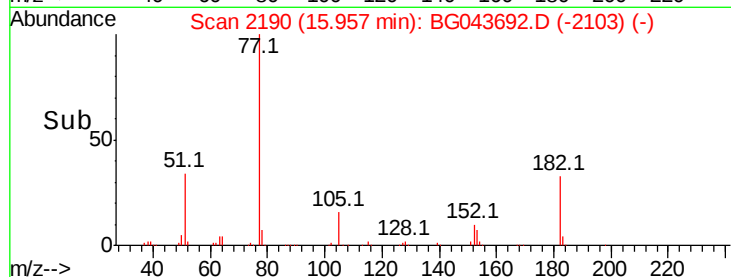
#63
Azobenzene
Concen: 40.861 ng
RT: 15.96 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.0	13.7	53.7
105	21.4	0.4	40.4
51	34.3	11.0	51.0

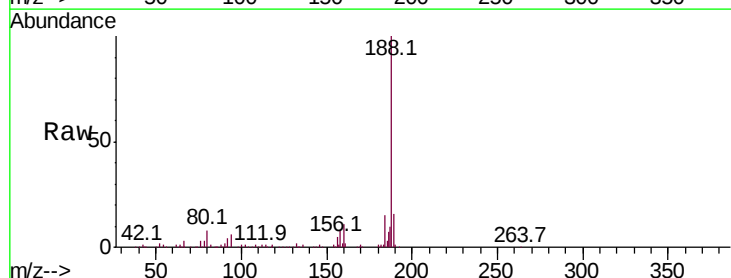


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

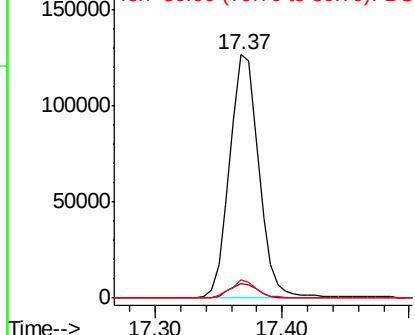
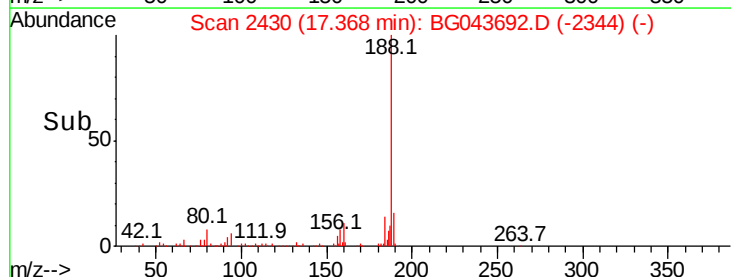


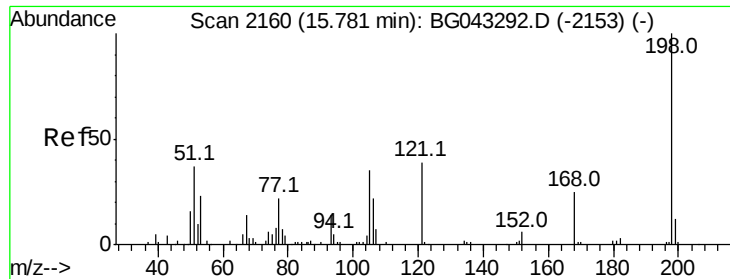
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.4
80	7.5	4.5	6.7#



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: 38.339 ng

RT: 15.76 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

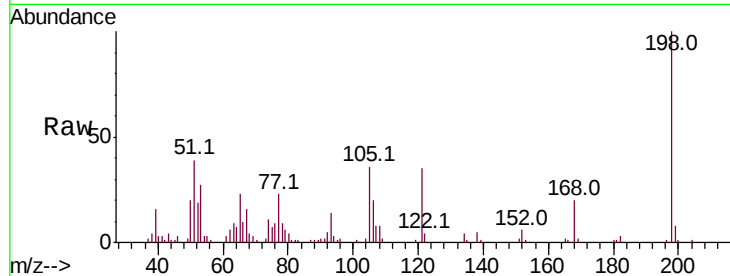
Tot Ion:198 Resp: 45634

Ion Ratio Lower Upper

198 100

51 39.4 13.2 53.2

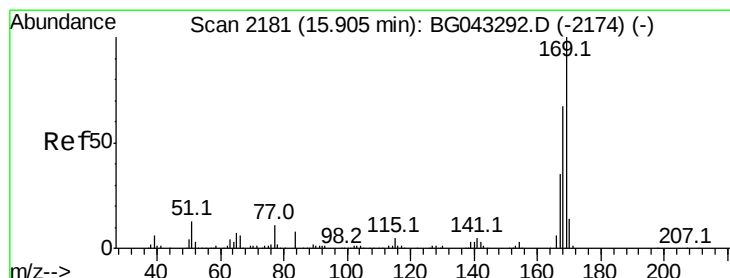
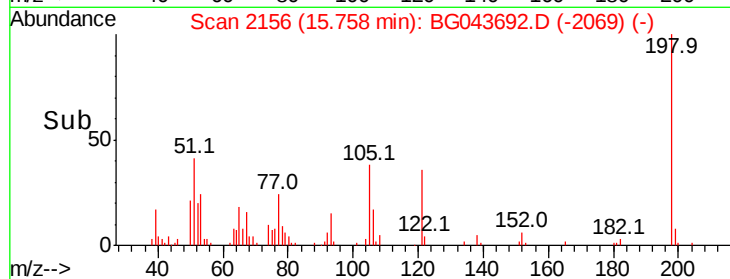
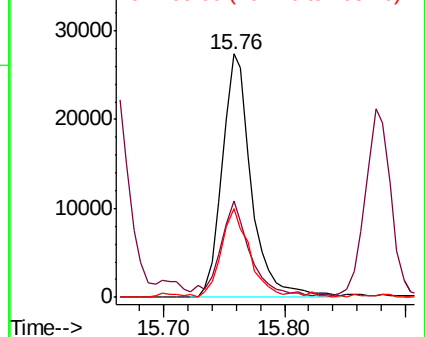
105 36.4 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.075 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

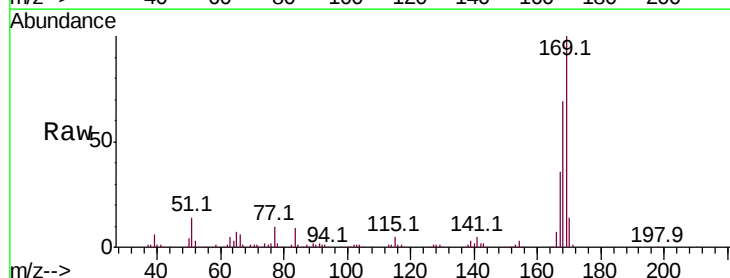
Tgt Ion:169 Resp: 217414

Ion Ratio Lower Upper

169 100

168 68.8 53.8 80.6

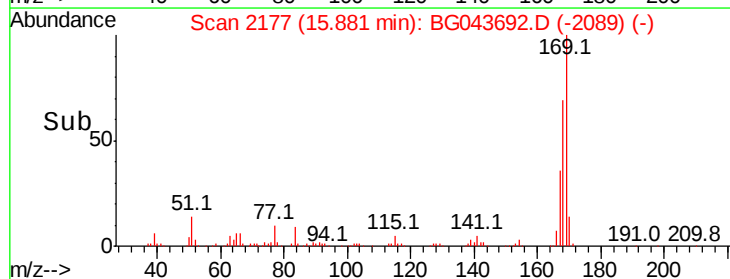
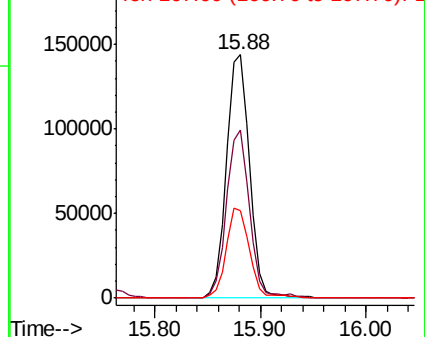
167 35.7 27.5 41.3

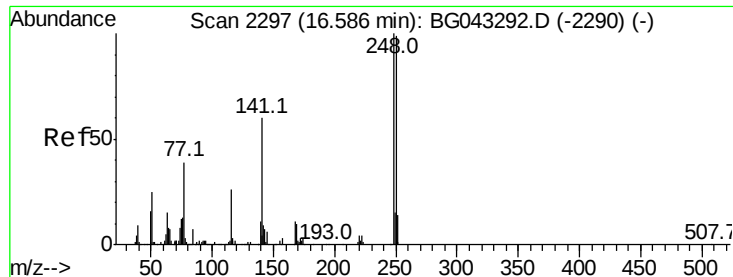


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

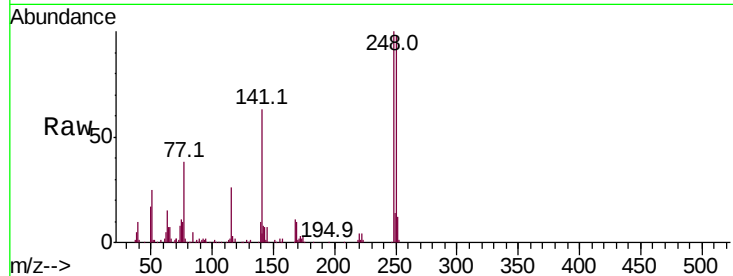




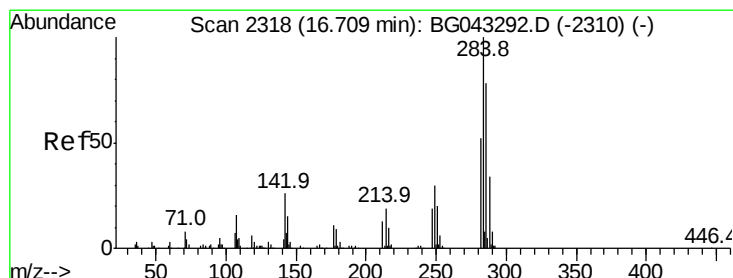
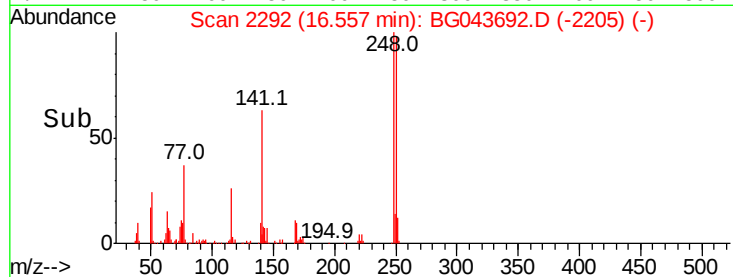
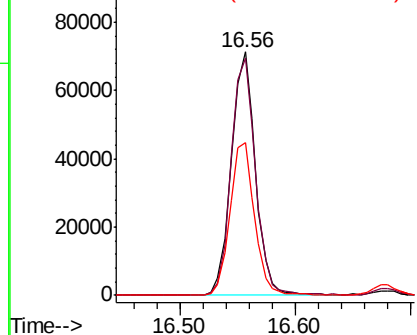
#67
4-Bromophenyl-phenylether
Concen: 37.807 ng
RT: 16.56 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.0	115.4
141	62.9	47.5	71.3

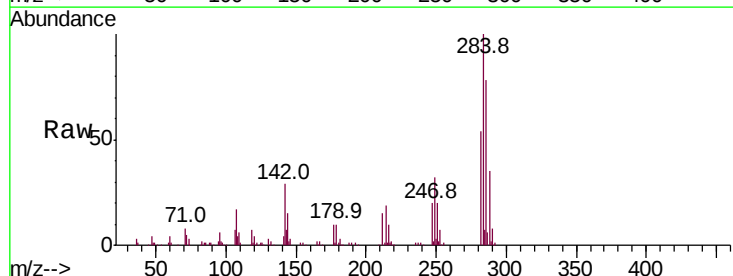


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

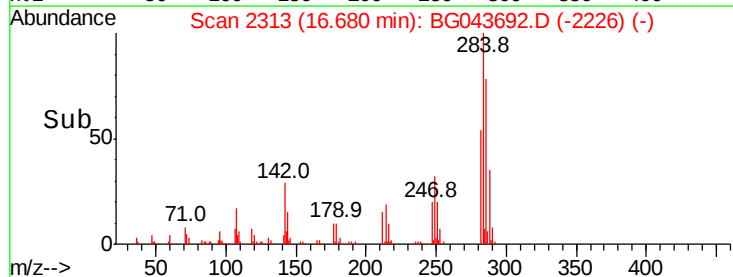
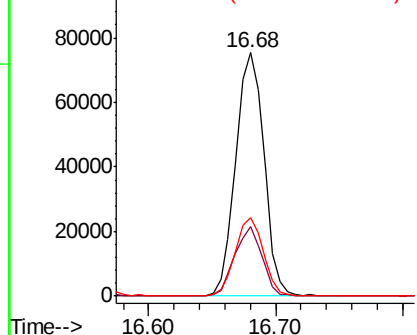


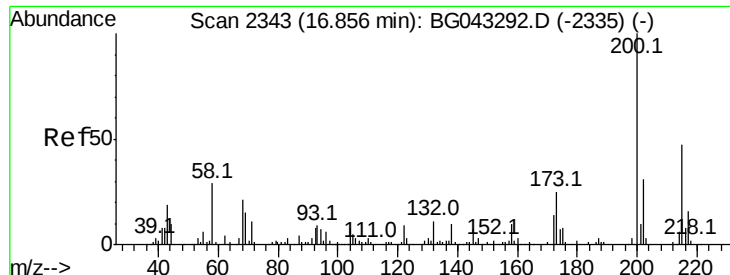
#68
Hexachlorobenzene
Concen: 37.228 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.02 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	19.8	29.8
249	32.4	23.8	35.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.276 ng

RT: 16.83 min Scan# 2338

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

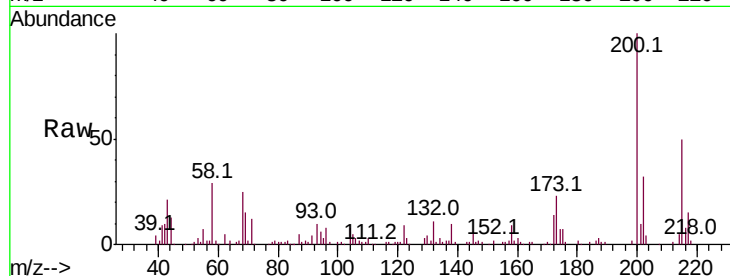
Tot Ion:200 Resp: 83883

Ion Ratio Lower Upper

200 100

173 23.1 4.7 44.7

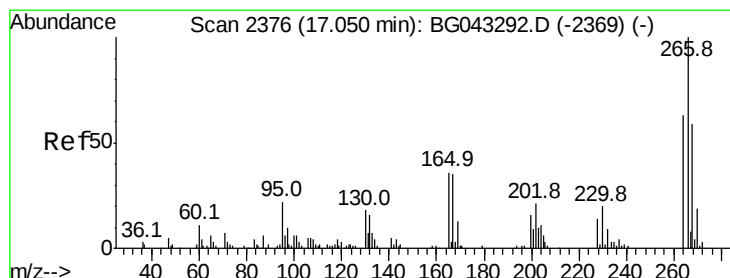
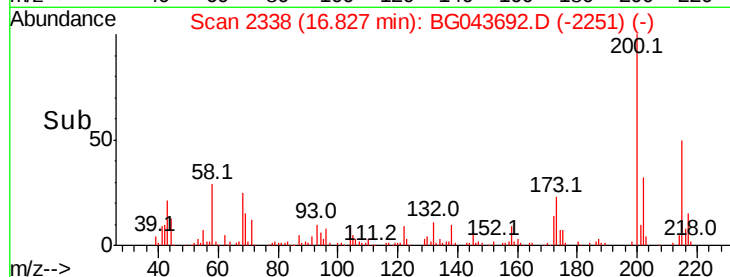
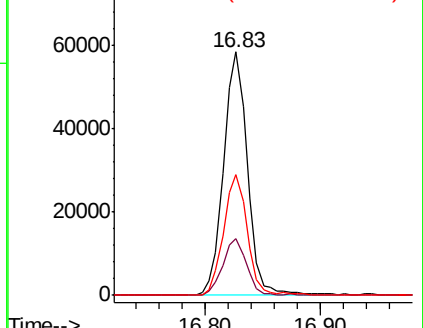
215 49.7 28.5 68.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 48.307 ng

RT: 17.03 min Scan# 2373

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

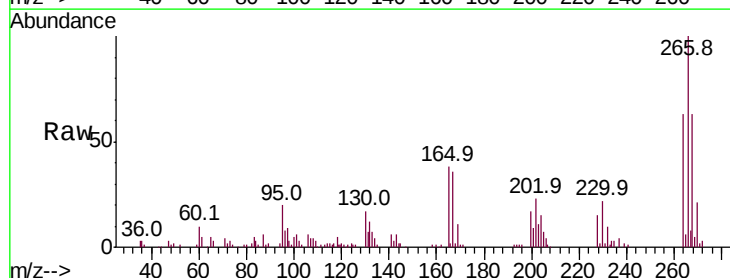
Tgt Ion:266 Resp: 68773

Ion Ratio Lower Upper

266 100

268 63.2 50.4 75.6

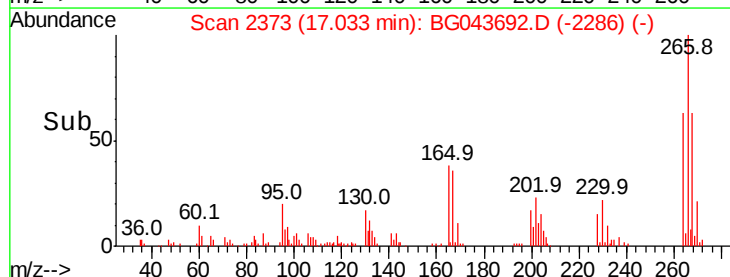
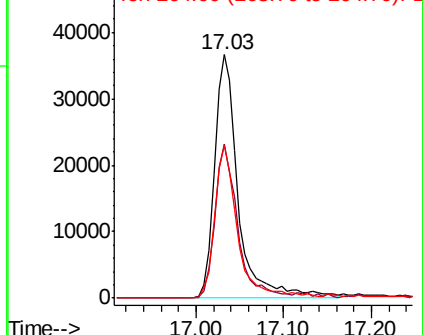
264 62.5 48.9 73.3

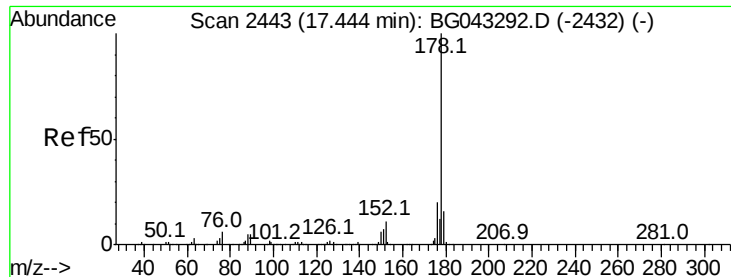


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.907 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

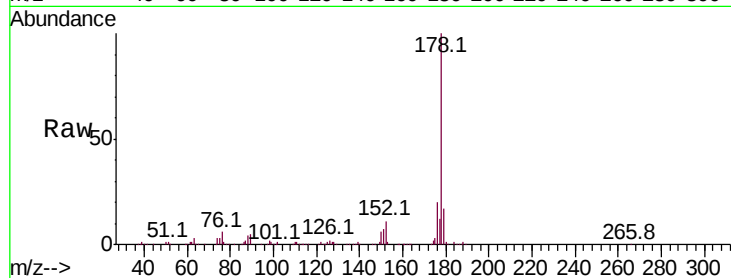
Tot Ion:178 Resp: 402957

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

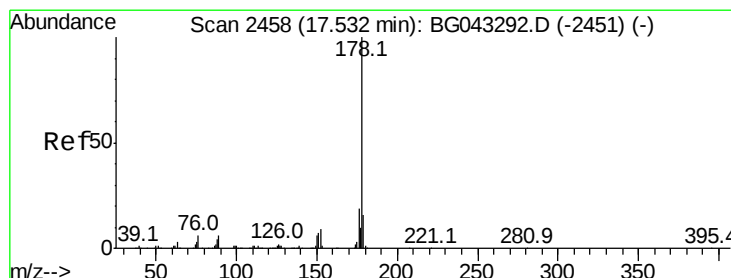
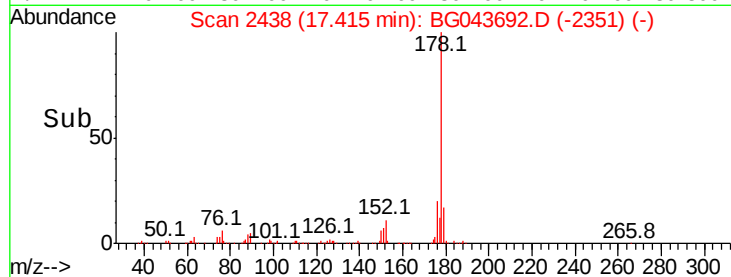
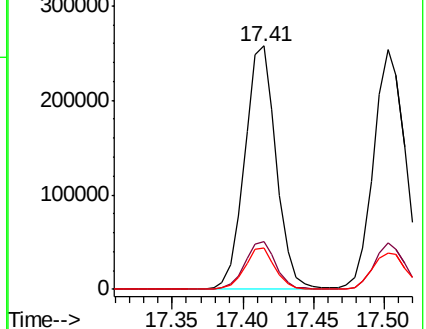
179 17.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.962 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

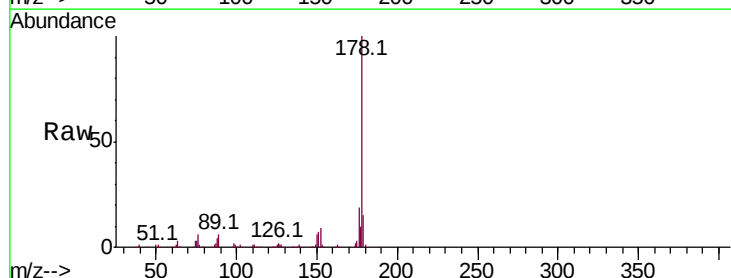
Tgt Ion:178 Resp: 403736

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

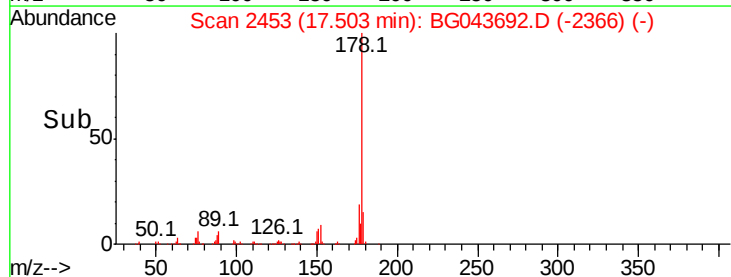
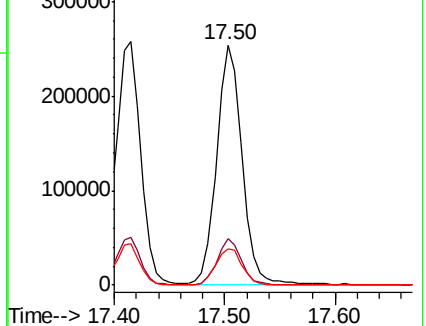
179 15.3 13.7 20.5

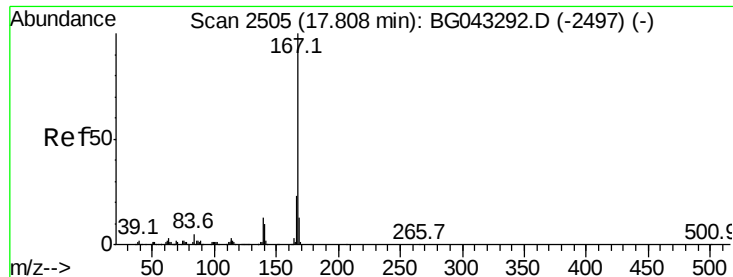


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.719 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampled :

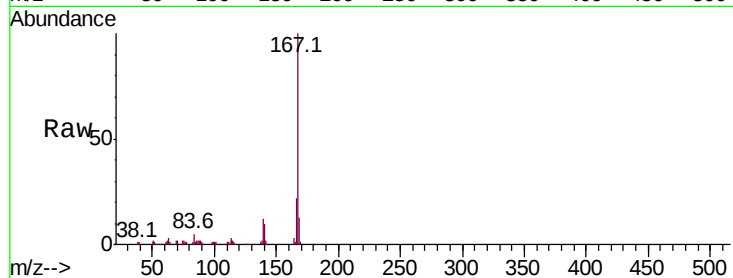
Tot Ion:167 Resp: 372717

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.7	28.1
139	12.4	10.0	15.0

167 100

166 21.6 18.7 28.1

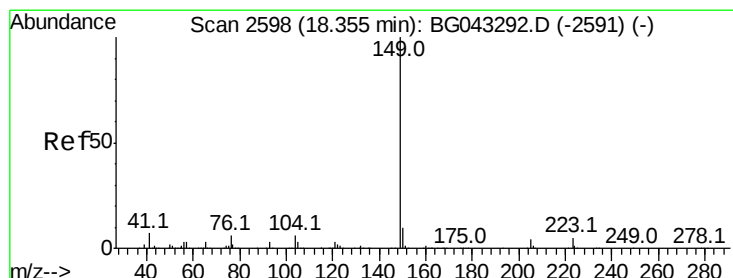
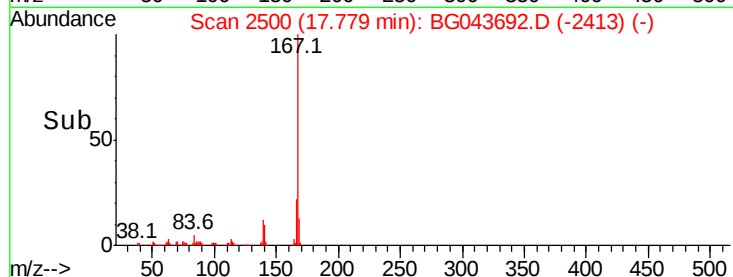
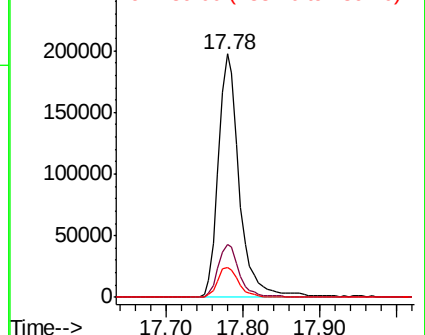
139 12.4 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.011 ng

RT: 18.33 min Scan# 2593

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

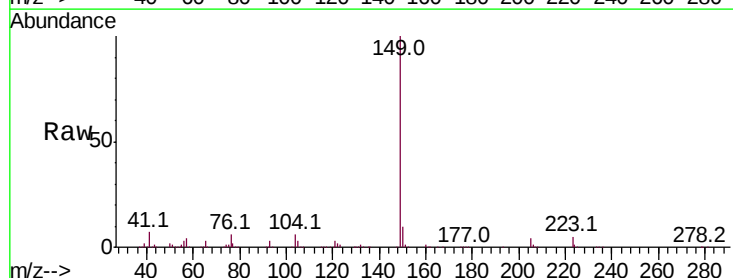
Tgt Ion:149 Resp: 455566

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	6.2	4.4	6.6

149 100

150 9.8 8.0 12.0

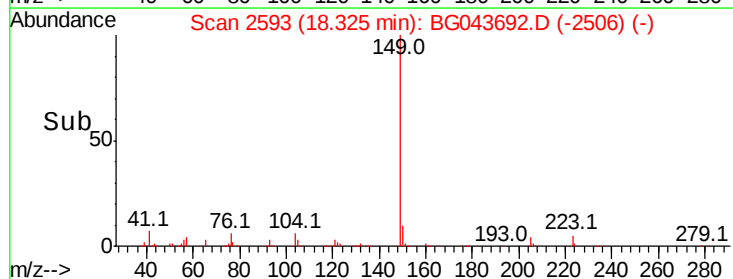
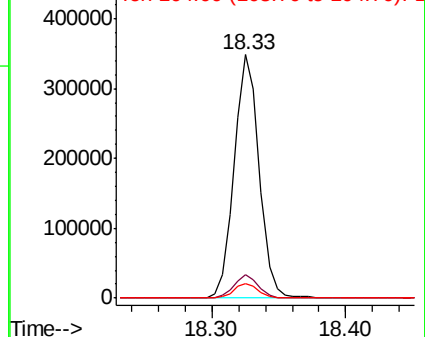
104 6.2 4.4 6.6

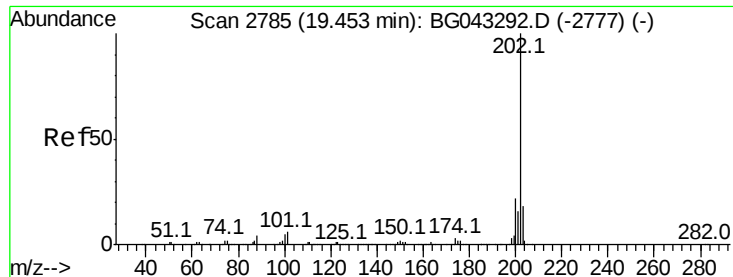


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.850 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

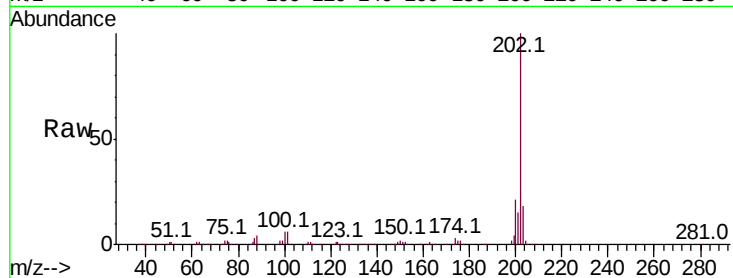
Tot Ion:202 Resp: 538064

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.3

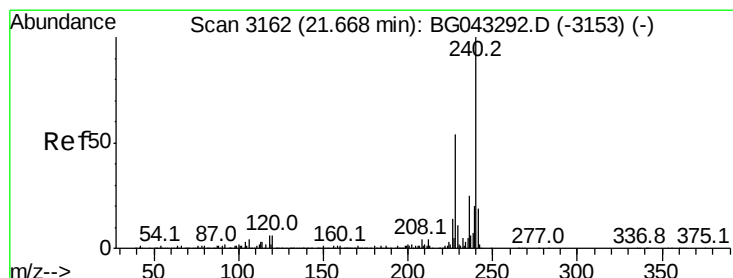
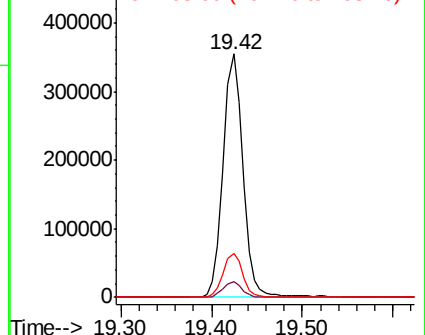
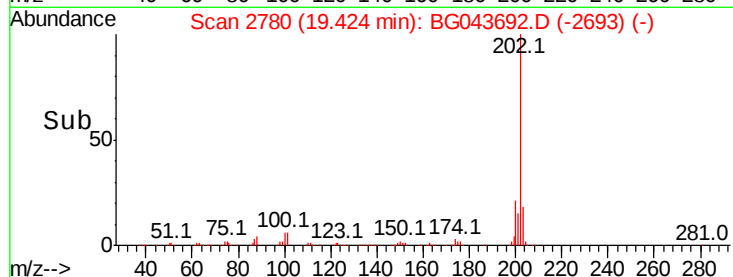
203 17.9 0.0 37.9



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: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

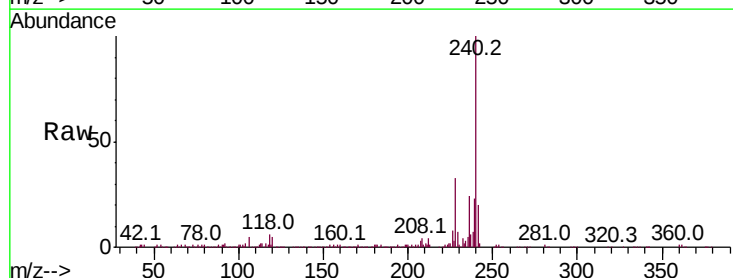
Tgt Ion:240 Resp: 221416

Ion Ratio Lower Upper

240 100

120 5.2 4.6 6.8

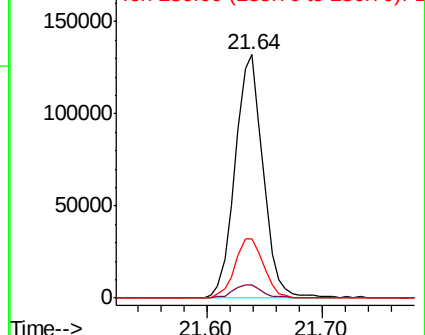
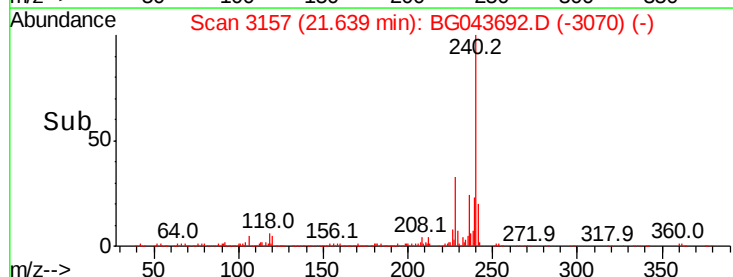
236 24.2 19.8 29.8

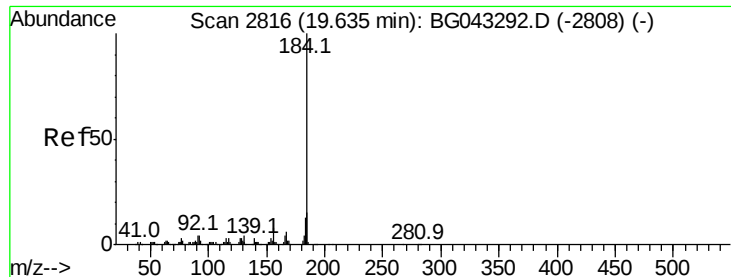


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.059 ng

RT: 19.61 min Scan# 2811

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

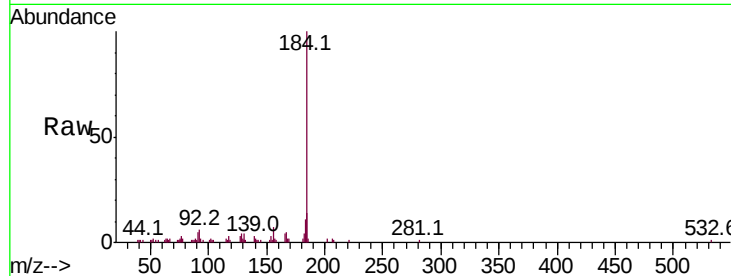
Tot Ion:184 Resp: 80470

Ion Ratio Lower Upper

184 100

185 13.9 11.0 16.4

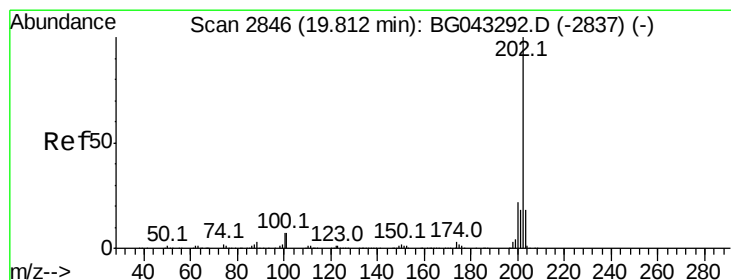
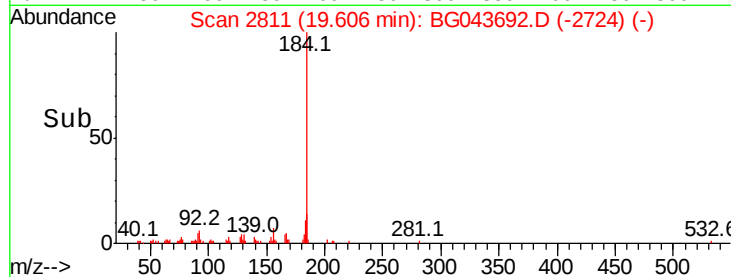
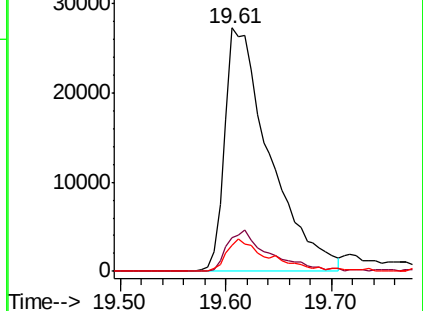
183 10.6 10.0 15.0



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: 40.263 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

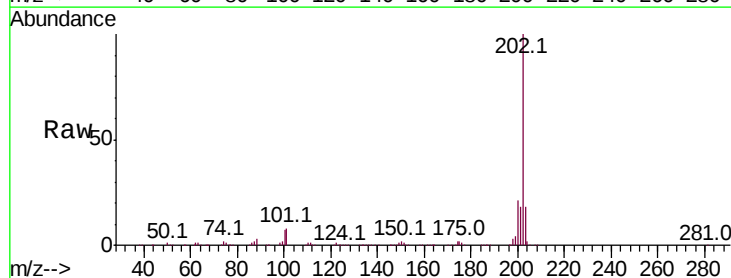
Tgt Ion:202 Resp: 551823

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

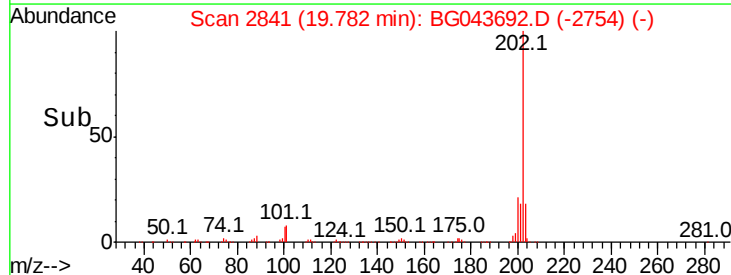
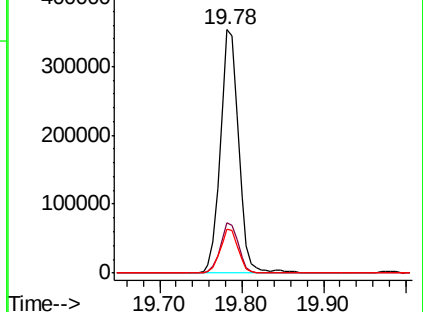
203 18.0 14.7 22.1

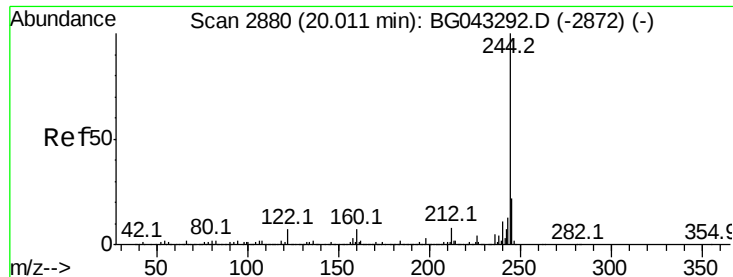


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.999 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

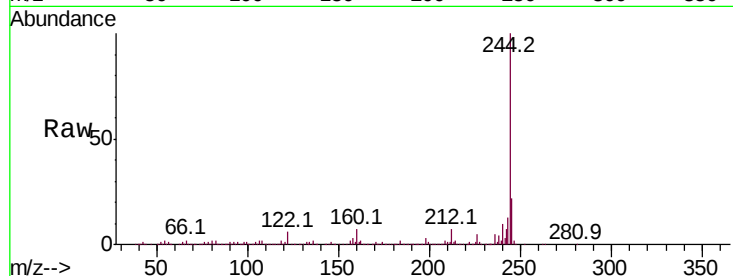
Tot Ion:244 Resp: 967769

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 6.4 5.4 8.2



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

800000

600000

400000

200000

0

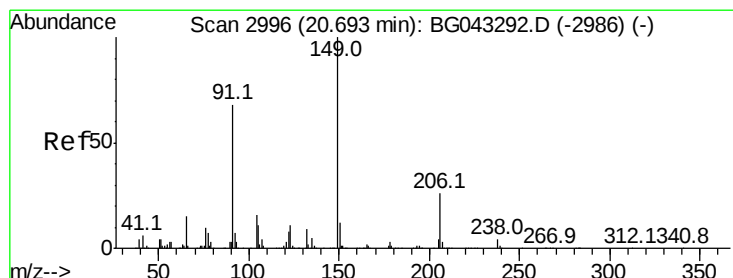
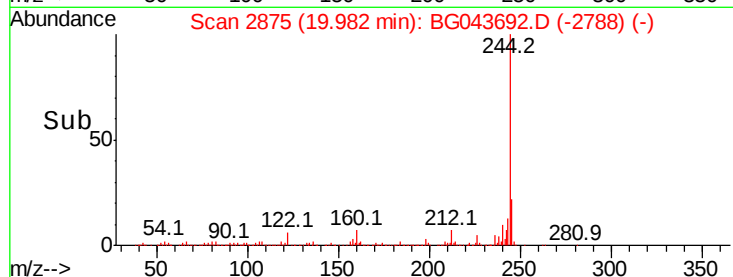
19.98

19.90

20.00

20.10

Time-->



#80

Butylbenzylphthalate

Concen: 40.244 ng

RT: 20.66 min Scan# 2991

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

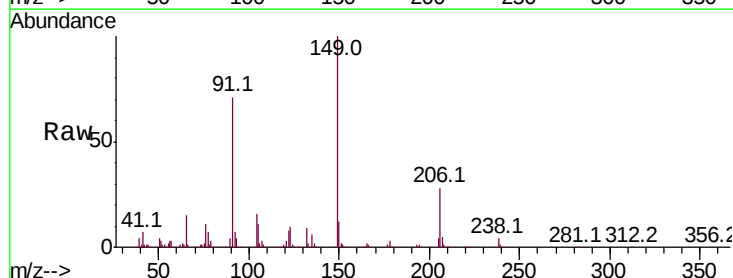
Tgt Ion:149 Resp: 208963

Ion Ratio Lower Upper

149 100

91 71.3 51.2 76.8

206 28.2 22.5 33.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

200000

150000

100000

50000

0

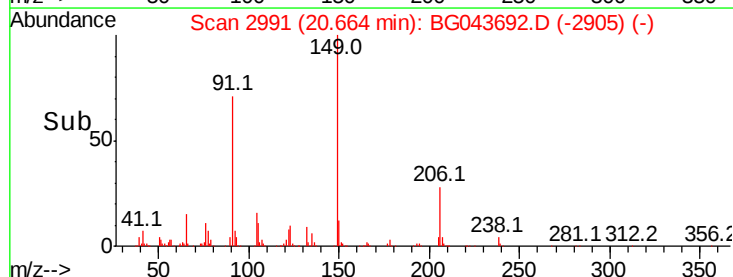
20.66

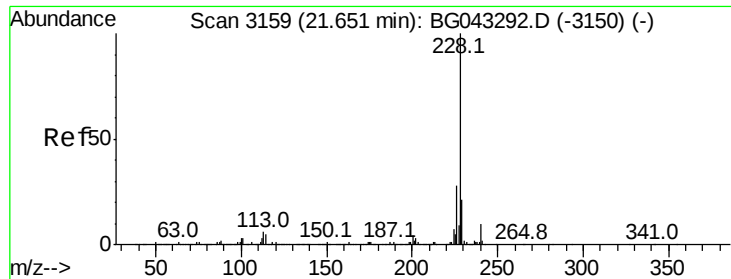
20.60

20.65

20.70

Time-->





#81

Benzo(a)anthracene

Concen: 40.636 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampled :

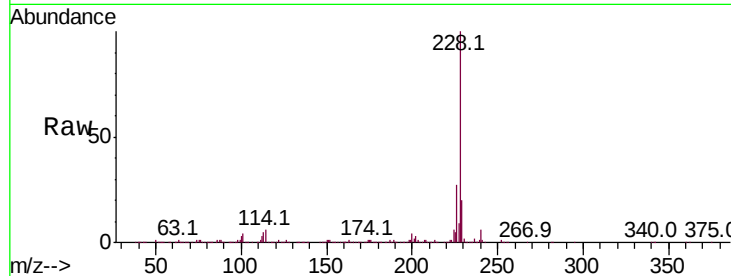
Tot Ion:228 Resp: 563601

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

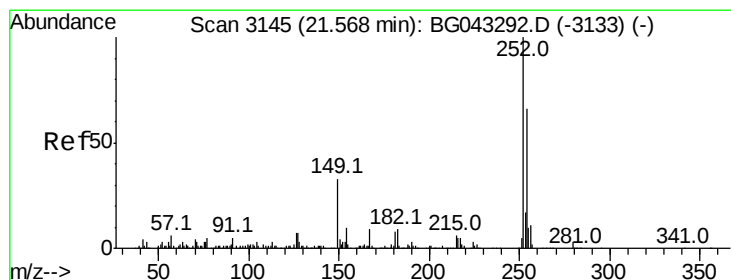
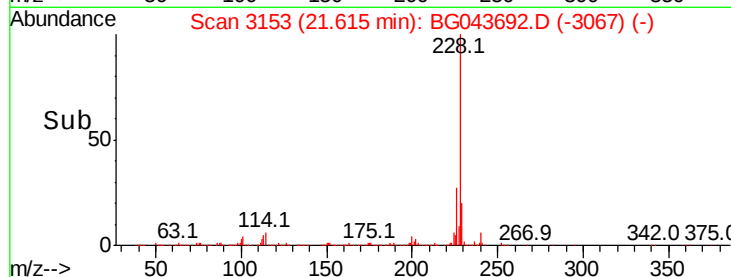
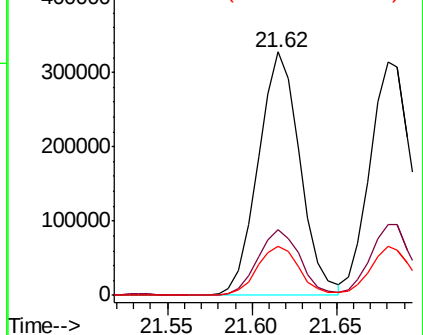
229 20.2 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.808 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

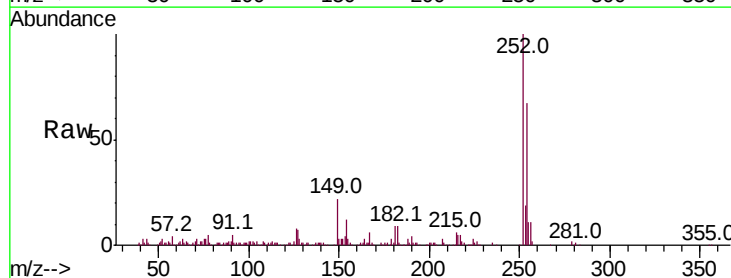
Tgt Ion:252 Resp: 213548

Ion Ratio Lower Upper

252 100

254 67.0 50.8 76.2

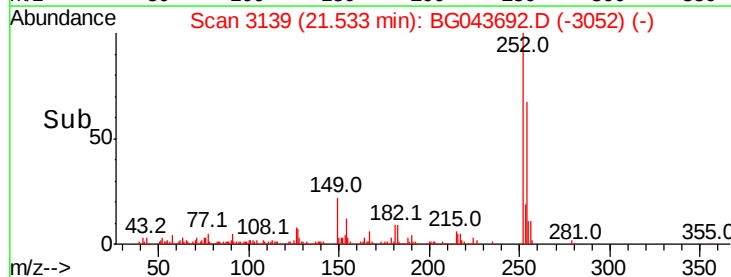
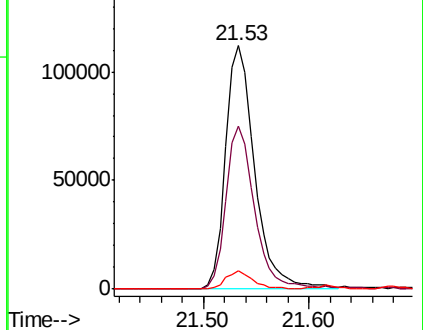
126 7.6 6.1 9.1

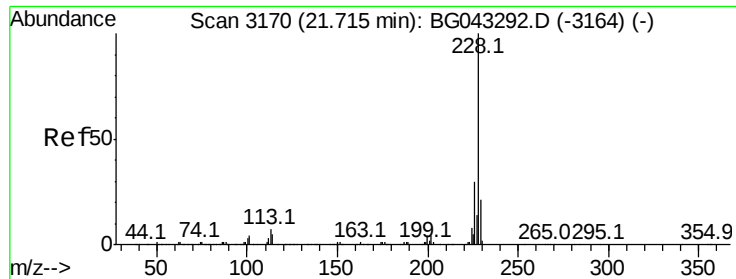


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.225 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

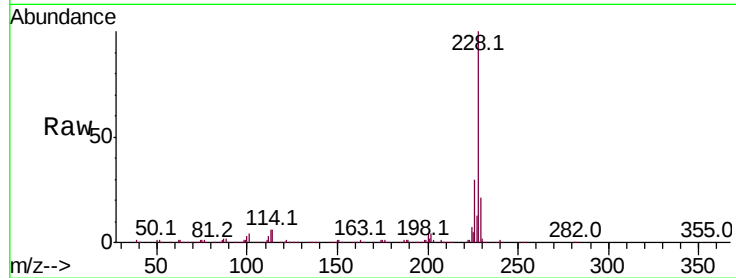
Tot Ion:228 Resp: 554314

Ion Ratio Lower Upper

228 100

226 30.2 25.1 37.7

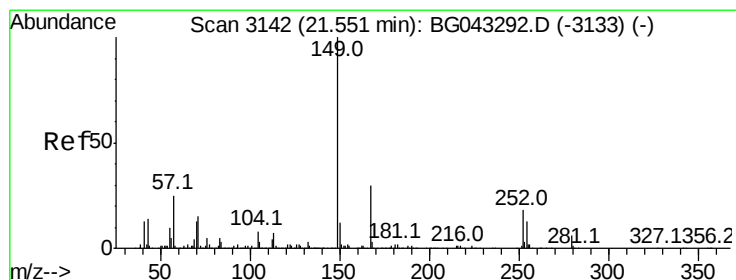
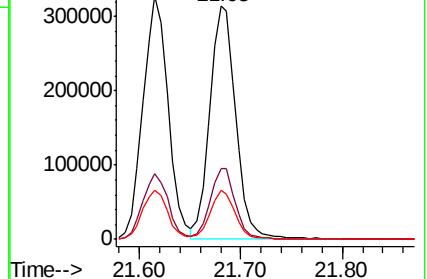
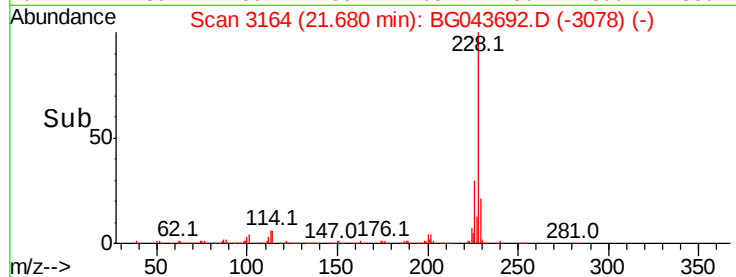
229 20.8 17.0 25.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.054 ng

RT: 21.52 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

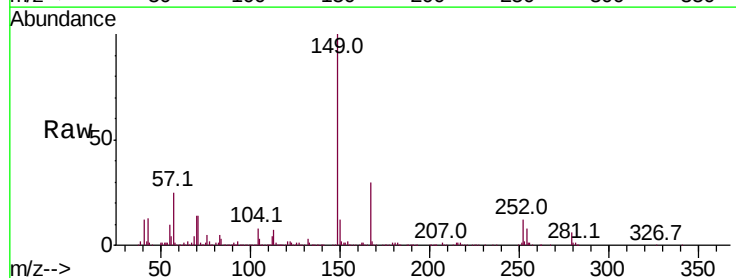
Tgt Ion:149 Resp: 302813

Ion Ratio Lower Upper

149 100

167 29.6 24.0 36.0

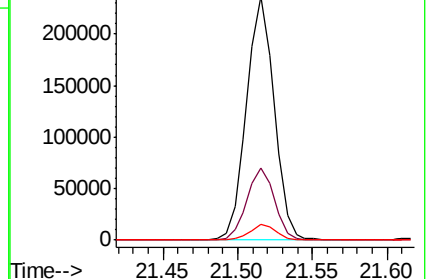
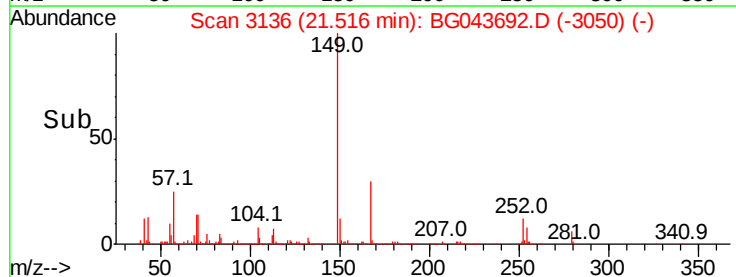
279 6.3 5.4 8.2

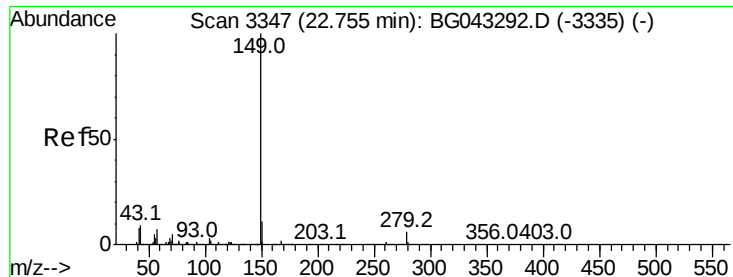


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

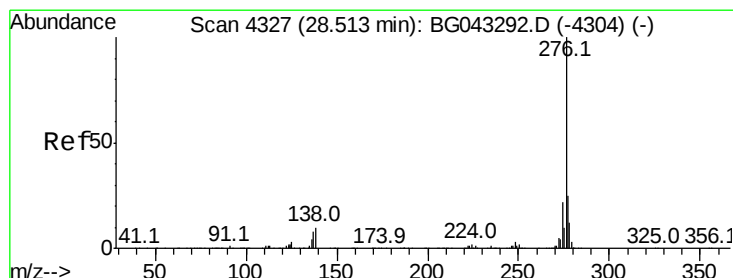
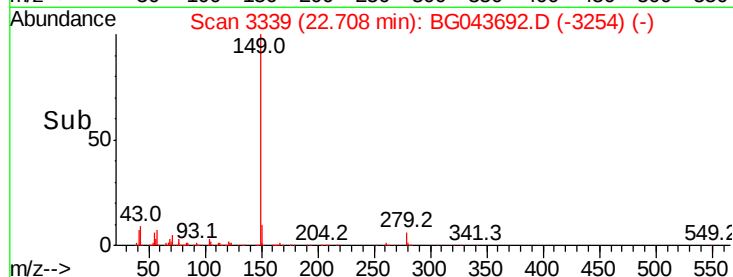
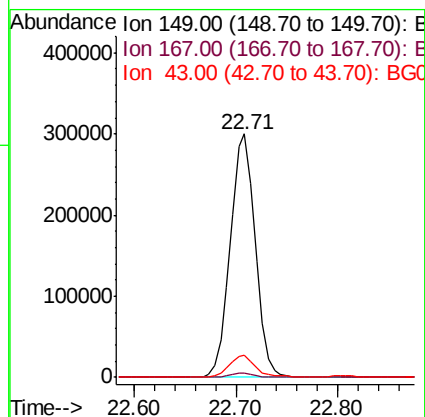
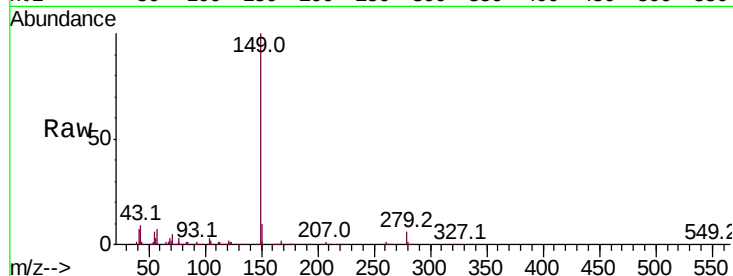




#85
Di-n-octyl phthalate
Concen: 40.978 ng
RT: 22.71 min Scan# 3339
Delta R.T. -0.03 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

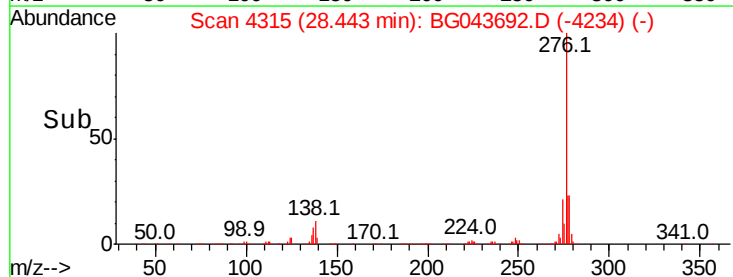
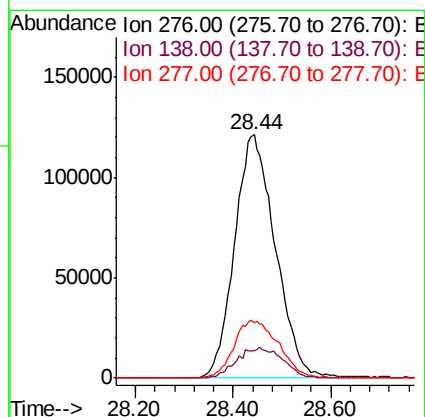
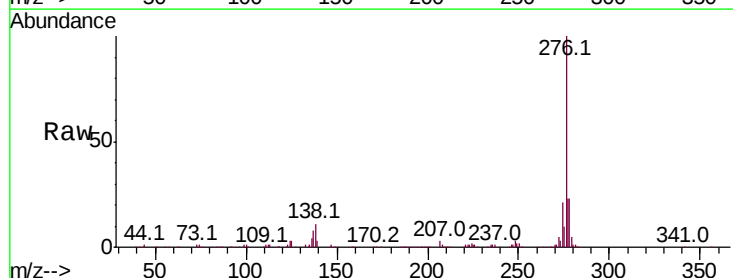
Instrument :
BNA_G
ClientSampleId :

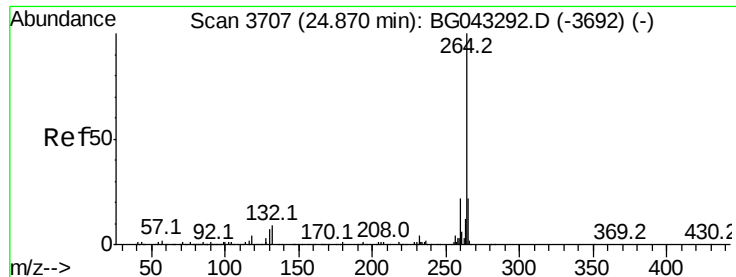
Tot Ion:149 Resp: 512786
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 9.4 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.590 ng
RT: 28.44 min Scan# 4315
Delta R.T. -0.05 min
Lab File: BG043692.D
Acq: 19 Nov 2019 5:23

Tgt Ion:276 Resp: 702110
Ion Ratio Lower Upper
276 100
138 14.1 6.8 10.2#
277 25.9 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.03 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

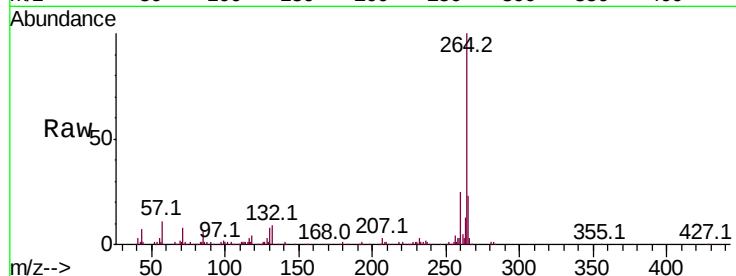
Tot Ion:264 Resp: 262808

Ion Ratio Lower Upper

264 100

260 24.8 17.5 26.3

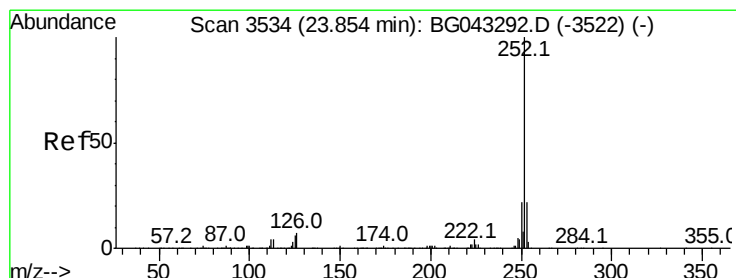
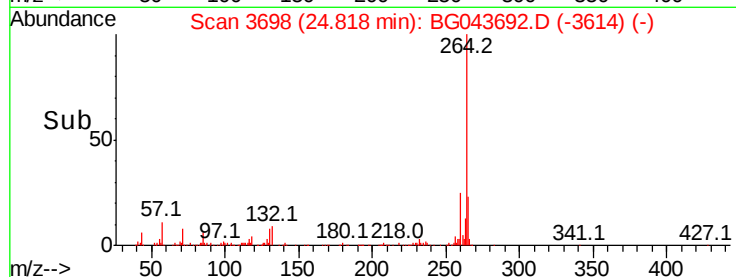
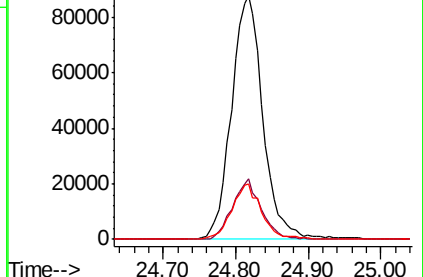
265 22.9 17.4 26.0



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: 40.530 ng

RT: 23.81 min Scan# 3526

Delta R.T. -0.03 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

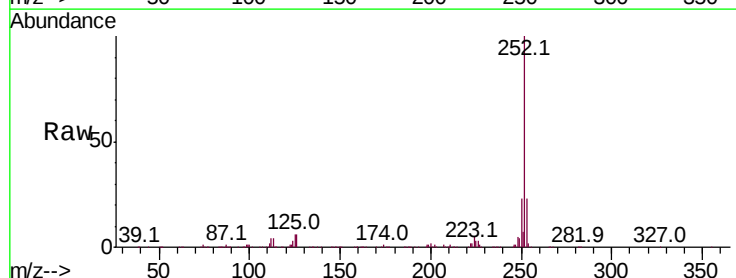
Tgt Ion:252 Resp: 603273

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

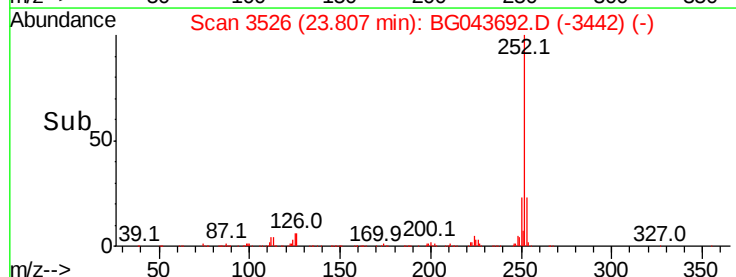
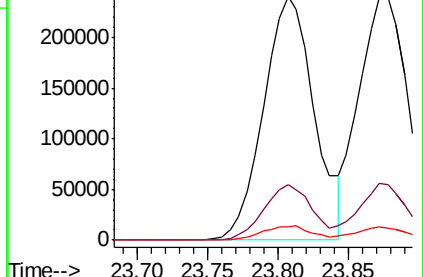
125 5.6 4.5 6.7

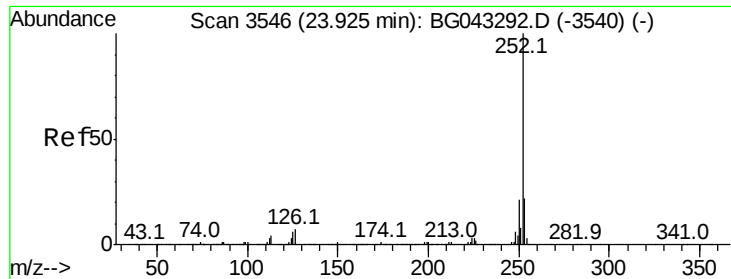


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.759 ng

RT: 23.88 min Scan# 3538

Delta R.T. -0.03 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

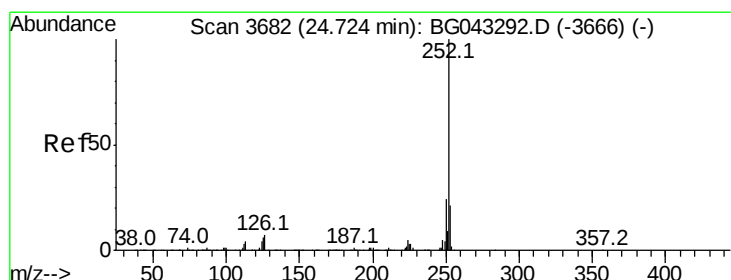
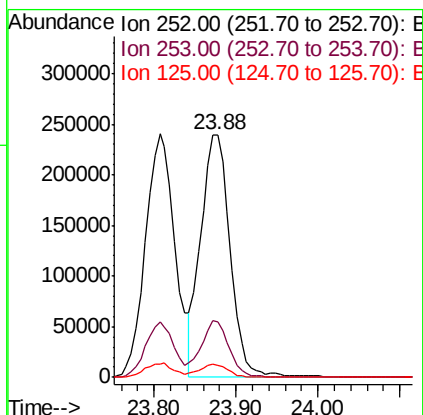
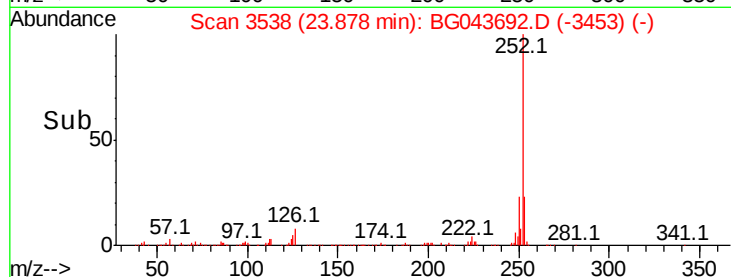
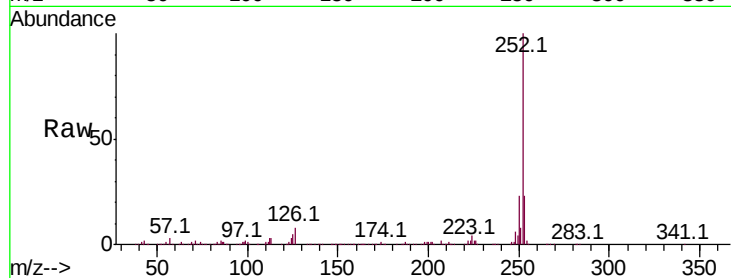
Tot Ion:252 Resp: 595764

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 5.2 4.6 6.8



#90

Benzo(a)pyrene

Concen: 39.869 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.03 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

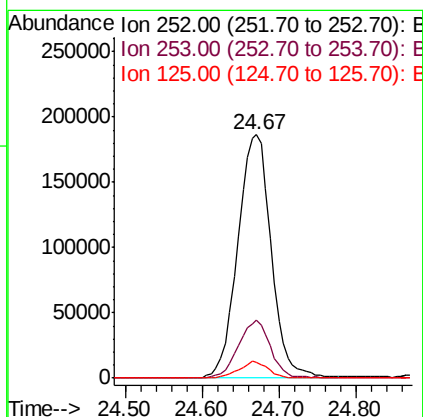
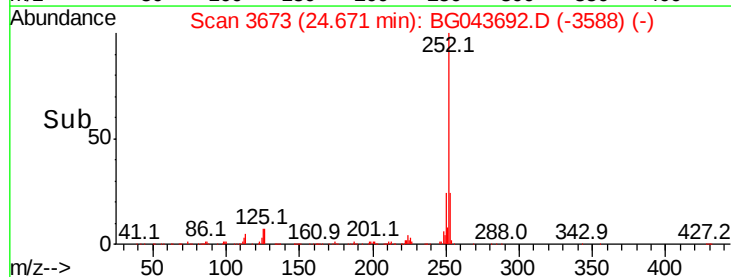
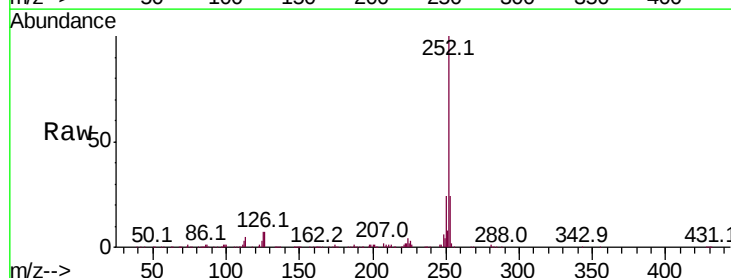
Tgt Ion:252 Resp: 566682

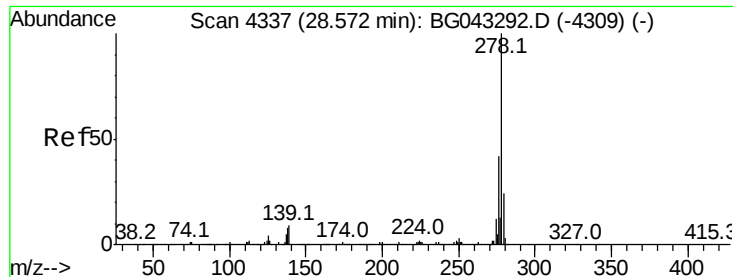
Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.8

125 6.5 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 39.744 ng

RT: 28.50 min Scan# 4324

Delta R.T. -0.06 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

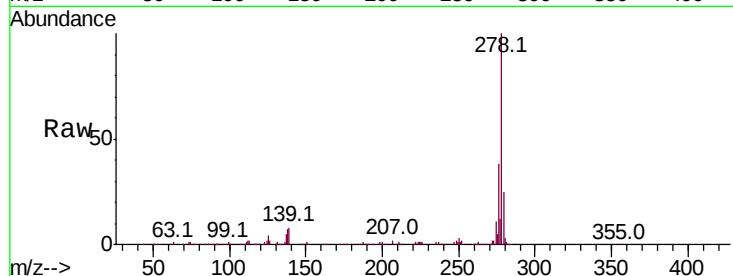
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 577815

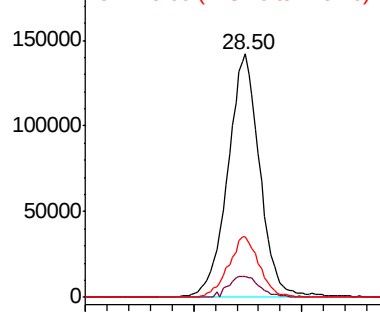
Ion	Ratio	Lower	Upper
278	100		
139	8.5	7.4	11.0
279	24.8	19.1	28.7



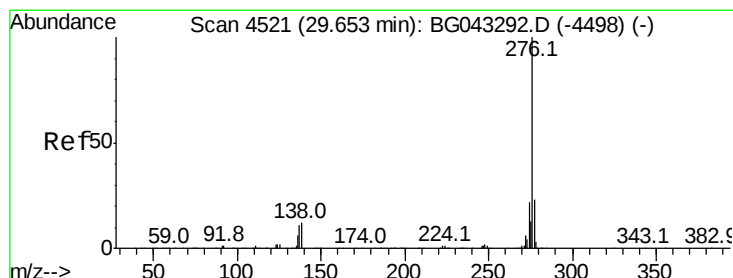
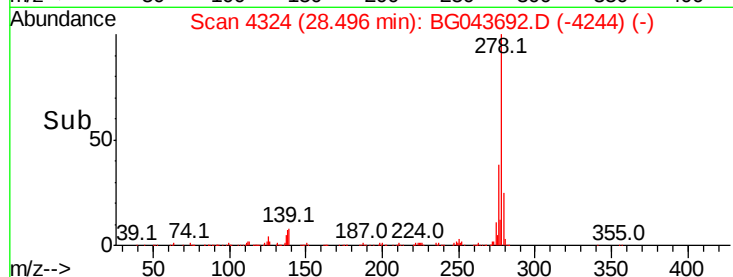
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 28.20 28.40 28.60



#92

Benzo(g,h,i)perylene

Concen: 39.452 ng

RT: 29.56 min Scan# 4506

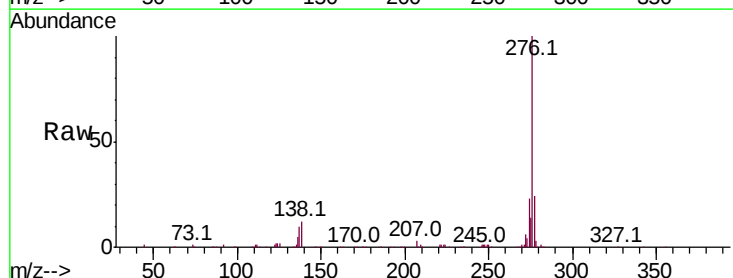
Delta R.T. -0.06 min

Lab File: BG043692.D

Acq: 19 Nov 2019 5:23

Tgt Ion:276 Resp: 565781

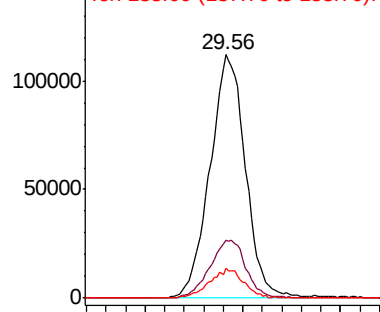
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	12.4	8.9	13.3



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



Time--> 29.40 29.60 29.80

