

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043623.D
 Acq On : 13 Nov 2019 21:56
 Operator : JU
 Sample : PB124754BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 14 01:43:47 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	8.00	152	35576	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	139267	20.00	ng	-0.02
39) Acenaphthene-d10	14.63	164	100173	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	233458	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	277868	20.00	ng	-0.02
87) Perylene-d12	24.82	264	314866	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	147041	75.74	ng	0.00
7) Phenol-d6	7.20	99	200002	71.60	ng	0.00
23) Nitrobenzene-d5	9.17	82	184403	68.26	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	121139	63.55	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	505476	69.73	ng	-0.02
79) Terphenyl-d14	19.98	244	959217	64.76	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	27170	35.912	ng	98
3) Pyridine	3.85	79	64927	34.020	ng	98
4) n-Nitrosodimethylamine	3.77	42	40450	42.003	ng	89
6) Aniline	7.33	93	105351	32.740	ng	97
8) 2-Chlorophenol	7.58	128	93842	43.787	ng	94
9) Benzaldehyde	7.14	77	46229	33.676	ng	95
10) Phenol	7.23	94	113804	44.586	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	72516	36.746	ng	96
12) 1,3-Dichlorobenzene	7.88	146	98170	36.560	ng	96
13) 1,4-Dichlorobenzene	8.03	146	101826	37.481	ng	98
14) 1,2-Dichlorobenzene	8.35	146	95806	36.118	ng	98
15) Benzyl Alcohol	8.25	79	83983	42.811	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	106685	37.179	ng	97
17) 2-Methylphenol	8.47	107	80831	43.440	ng	95
18) Hexachloroethane	9.08	117	35834	36.559	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	65488	36.282	ng	91
20) 3+4-Methylphenols	8.47	107	80831	31.679	ng	78
22) Acetophenone	8.82	105	133463	37.421	ng	# 94
24) Nitrobenzene	9.20	77	102786	39.943	ng	# 96
25) Isophorone	9.72	82	187300	37.924	ng	98
26) 2-Nitrophenol	9.92	139	53291	42.895	ng	# 91
27) 2,4-Dimethylphenol	9.99	122	92445	51.917	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	105696	38.776	ng	95
29) 2,4-Dichlorophenol	10.47	162	101608	44.536	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	109040	37.920	ng	99
31) Naphthalene	10.85	128	281472	39.817	ng	98
32) Benzoic acid	10.19	122	46588	36.854	ng	95
33) 4-Chloroaniline	10.98	127	75817	26.164	ng	98
34) Hexachlorobutadiene	11.13	225	76530	36.003	ng	95
35) Caprolactam	11.79	113	9297	11.832	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	105938	42.569	ng	97
37) 2-Methylnaphthalene	12.46	142	215537	39.738	ng	99
38) 1-Methylnaphthalene	12.67	142	203260	39.385	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	139884	37.732	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	136097	69.885	ng	99
43) 2,4,6-Trichlorophenol	13.07	196	88423	40.501	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	93406	42.319	ng	93
46) 1,1'-Biphenyl	13.46	154	287880	37.776	ng	99
47) 2-Chloronaphthalene	13.51	162	225386	38.871	ng	98
48) 2-Nitroaniline	13.72	65	68787	39.693	ng	94
49) Acenaphthylene	14.35	152	373001	41.333	ng	100
50) Dimethylphthalate	14.08	163	290698	37.465	ng	99
51) 2,6-Dinitrotoluene	14.21	165	68418	40.589	ng	95
52) Acenaphthene	14.69	154	217261	39.479	ng	93
53) 3-Nitroaniline	14.55	138	47474	29.171	ng	# 99
54) 2,4-Dinitrophenol	14.75	184	65807	64.110	ng	97
55) Dibenzofuran	15.03	168	359139	40.242	ng	98
56) 4-Nitrophenol	14.89	139	92189	84.530	ng	94
57) 2,4-Dinitrotoluene	14.99	165	98251	40.785	ng	96
58) Fluorene	15.68	166	303786	40.585	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	93740	39.973	ng	98
60) Diethylphthalate	15.45	149	293478	37.644	ng	98
61) 4-Chlorophenyl-phenylether	15.66	204	170515	39.050	ng	96
62) 4-Nitroaniline	15.72	138	65254	38.824	ng	91
63) Azobenzene	15.96	77	247612	39.244	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	57102	41.562	ng	96
66) n-Nitrosodiphenylamine	15.88	169	267787	40.628	ng	97
67) 4-Bromophenyl-phenylether	16.56	248	121208	38.579	ng	97
68) Hexachlorobenzene	16.69	284	133930	37.137	ng	96
69) Atrazine	16.83	200	100934	44.071	ng	95
70) Pentachlorophenol	17.04	266	114765	69.838	ng	95
71) Phenanthrene	17.42	178	479700	40.126	ng	99
72) Anthracene	17.51	178	491908	41.126	ng	98
73) Carbazole	17.78	167	455451	42.048	ng	100
74) Di-n-butylphthalate	18.33	149	524846	39.935	ng	98
75) Fluoranthene	19.43	202	652667	41.877	ng	99
77) Benzidine	19.61	184	270070	48.294	ng	99
78) Pyrene	19.79	202	658198	38.268	ng	99
80) Butylbenzylphthalate	20.67	149	251231	38.554	ng	96
81) Benzo(a)anthracene	21.62	228	680241	39.082	ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	223896	33.258	ng	97
83) Chrysene	21.69	228	672789	38.904	ng	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	367992	39.755	ng	99
85) Di-n-octyl phthalate	22.71	149	636013	40.499	ng	99
86) Indeno(1,2,3-cd)pyrene	28.44	276	882473	40.652	ng	# 98
88) Benzo(b)fluoranthene	23.81	252	758004	42.506	ng	99
89) Benzo(k)fluoranthene	23.88	252	725123	40.391	ng	97
90) Benzo(a)pyrene	24.67	252	727459	42.718	ng	100
91) Dibenzo(a,h)anthracene	28.51	278	745217	42.783	ng	100
92) Benzo(g,h,i)perylene	29.58	276	735127	42.786	ng	98

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

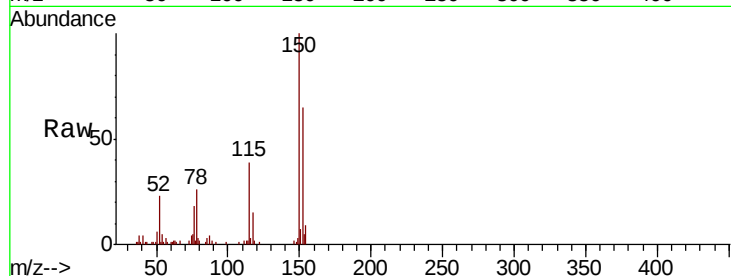


#1

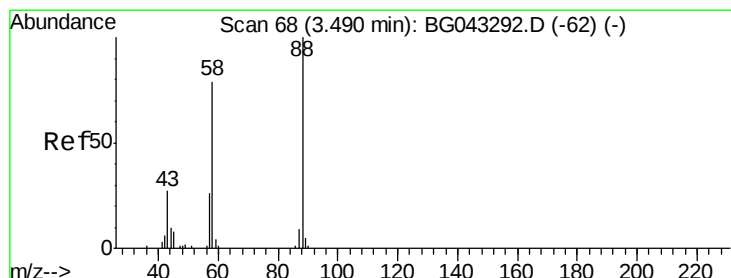
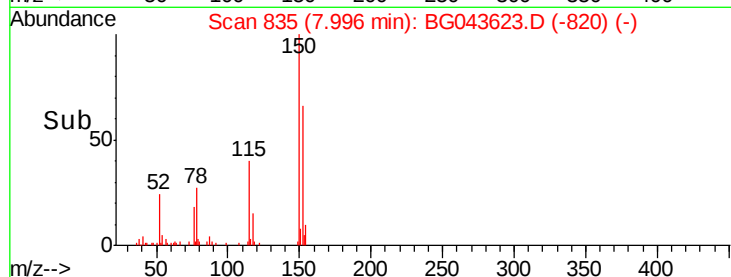
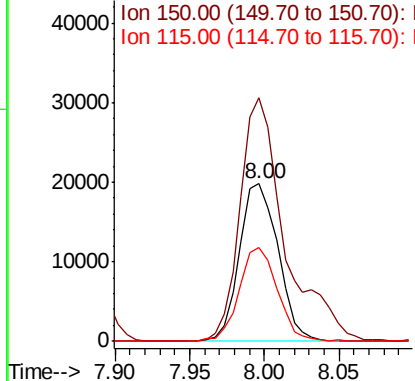
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35576
Ion Ratio Lower Upper
152 100
150 154.6 129.4 194.0
115 59.9 48.8 73.2



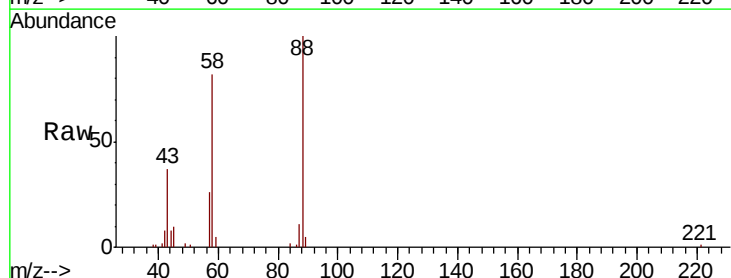
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



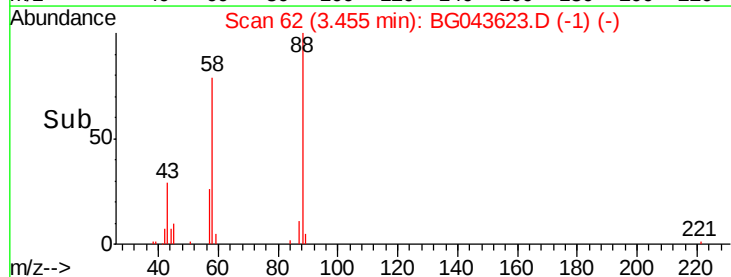
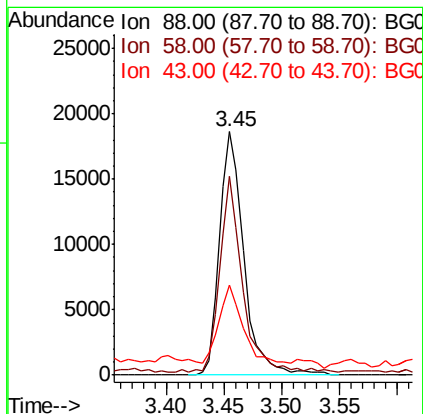
#2

1,4-Dioxane
Concen: 35.912 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion: 88 Resp: 27170
Ion Ratio Lower Upper
88 100
58 76.4 62.7 94.1
43 30.2 23.7 35.5



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





#3

Pvridine

Concen: 34.020 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampleId :

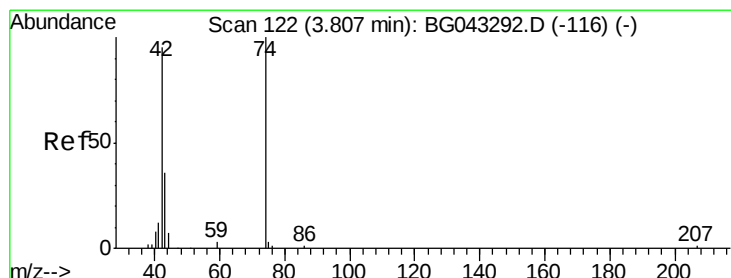
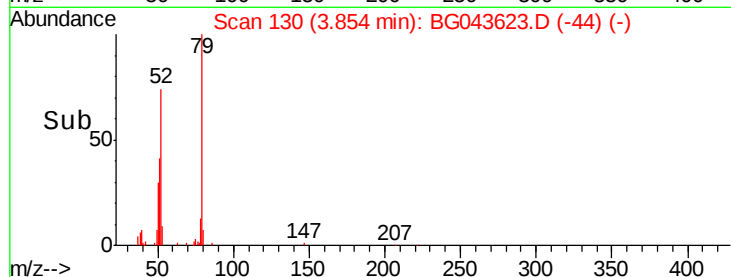
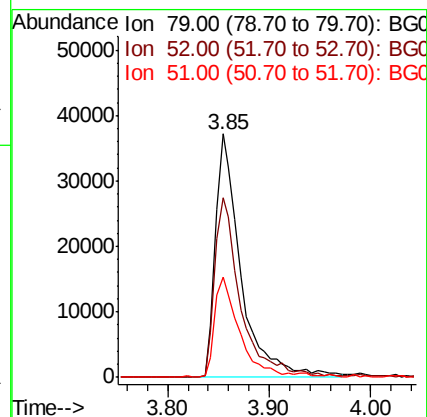
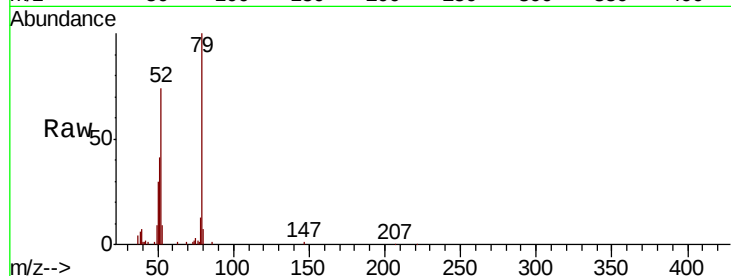
Tot Ion: 79 Resp: 64927

Ion Ratio Lower Upper

79 100

52 73.6 56.5 84.7

51 41.4 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 42.003 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

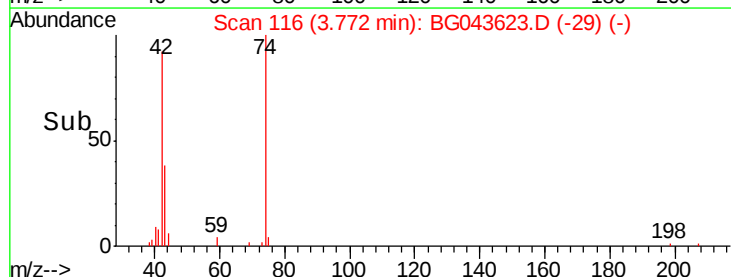
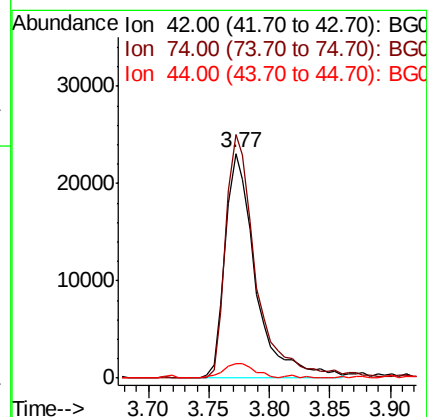
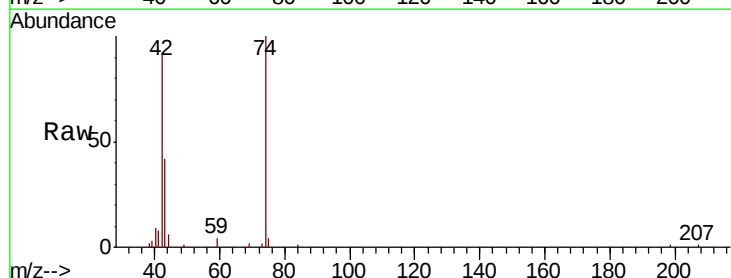
Tgt Ion: 42 Resp: 40450

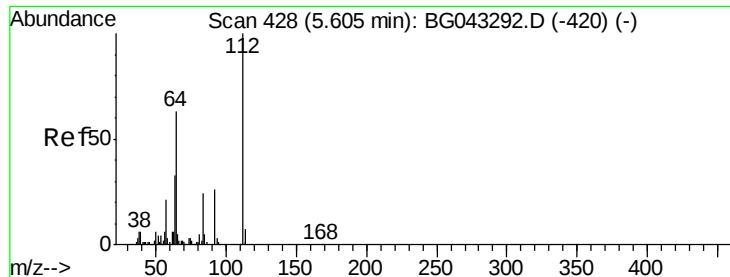
Ion Ratio Lower Upper

42 100

74 108.3 97.3 145.9

44 6.6 4.4 6.6





#5

2-Fluorophenol

Concen: 75.738 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampled :

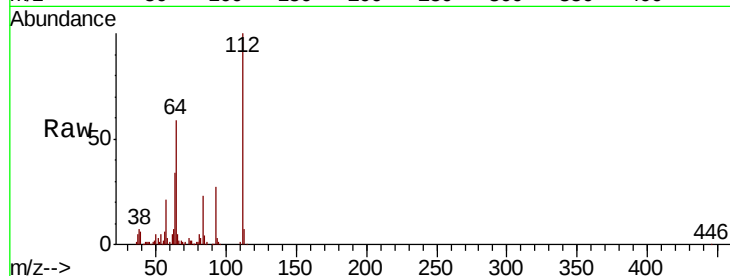
Tot Ion: 112 Resp: 147041

Ion Ratio Lower Upper

112 100

64 59.4 50.0 75.0

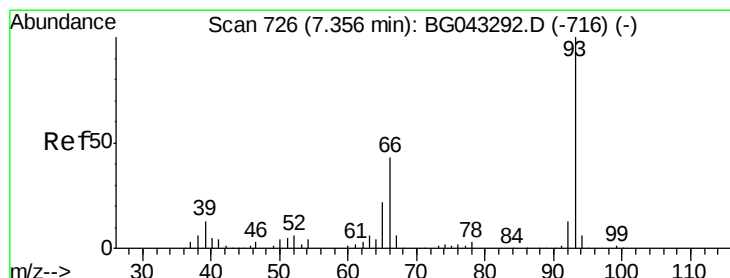
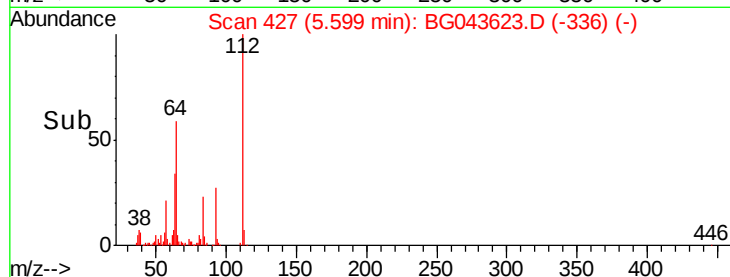
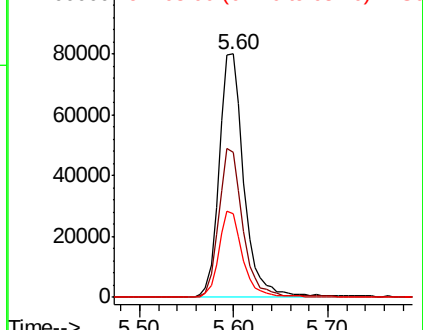
63 34.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.740 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

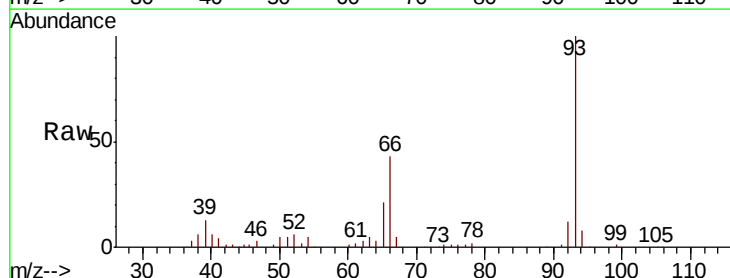
Tgt Ion: 93 Resp: 105351

Ion Ratio Lower Upper

93 100

66 42.7 32.3 48.5

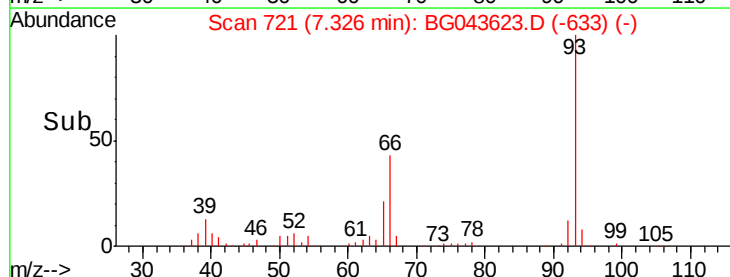
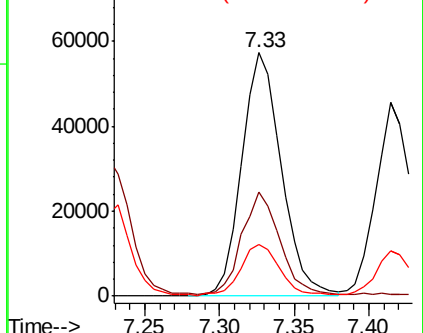
65 21.4 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 71.601 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampled :

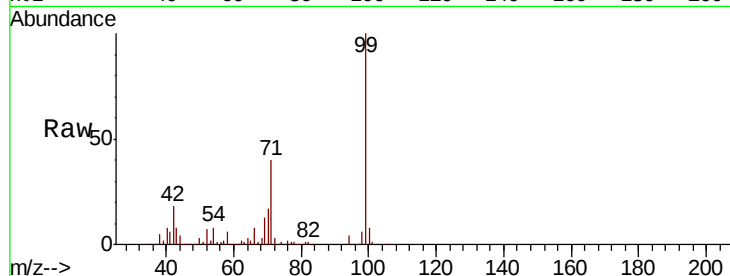
Tot Ion: 99 Resp: 200002

Ion Ratio Lower Upper

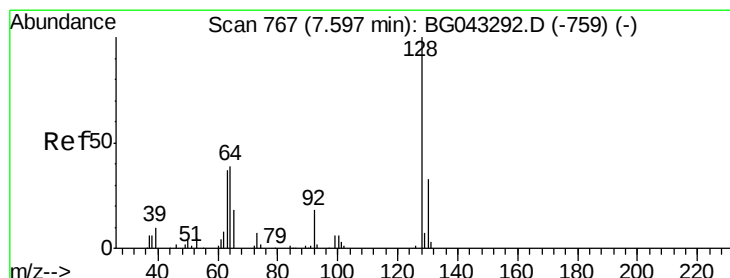
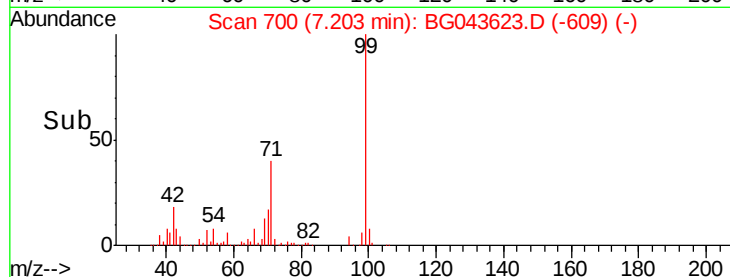
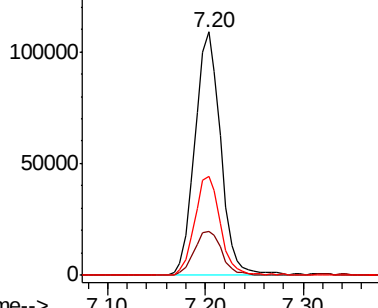
99 100

42 18.2 14.6 21.8

71 40.4 32.5 48.7



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



#8

2-Chlorophenol

Concen: 43.787 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

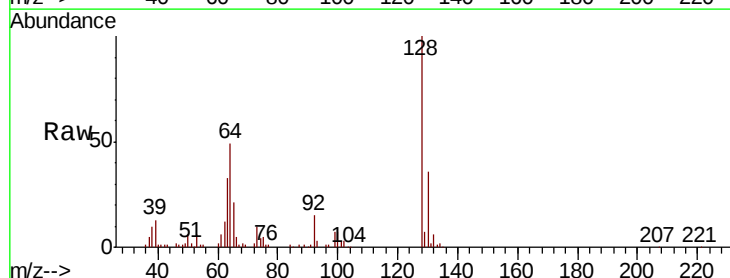
Tgt Ion: 128 Resp: 93842

Ion Ratio Lower Upper

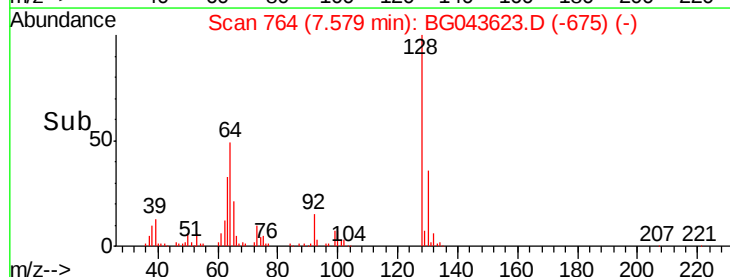
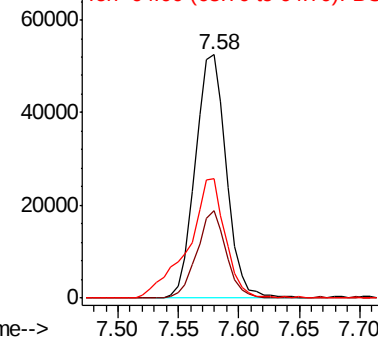
128 100

130 36.1 12.5 52.5

64 49.1 25.3 65.3



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





#9

Benzaldehyde

Concen: 33.676 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampleId :

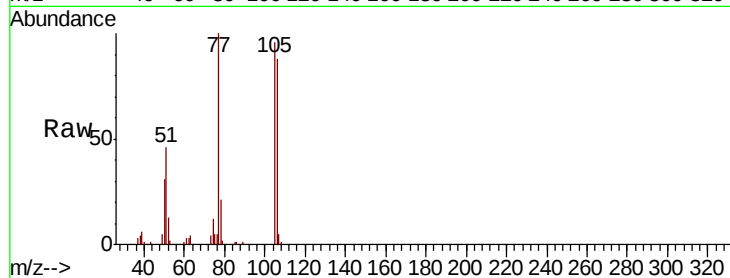
Tot Ion: 77 Resp: 46229

Ion Ratio Lower Upper

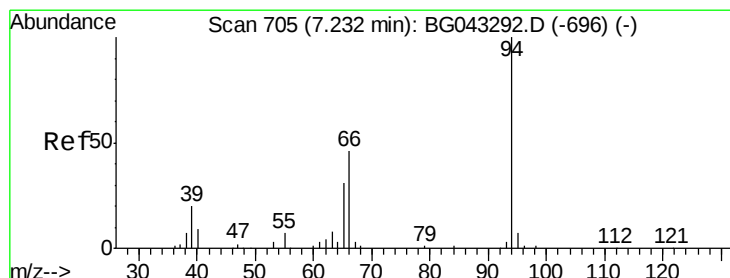
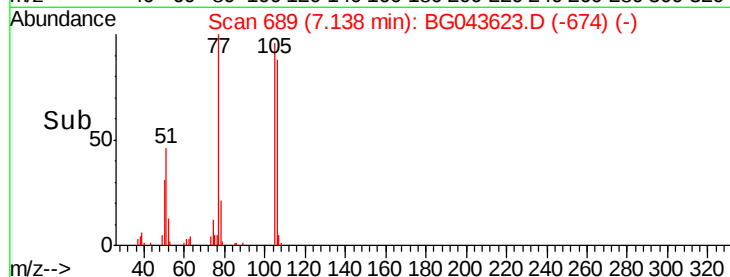
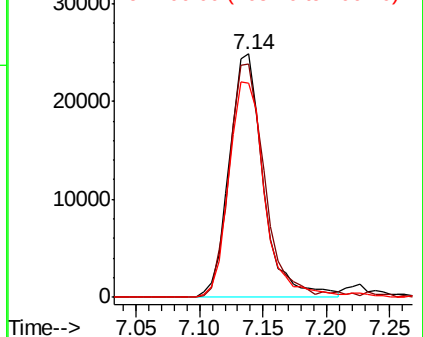
77 100

105 95.9 68.6 108.6

106 87.9 69.9 109.9



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



#10

Phenol

Concen: 44.586 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

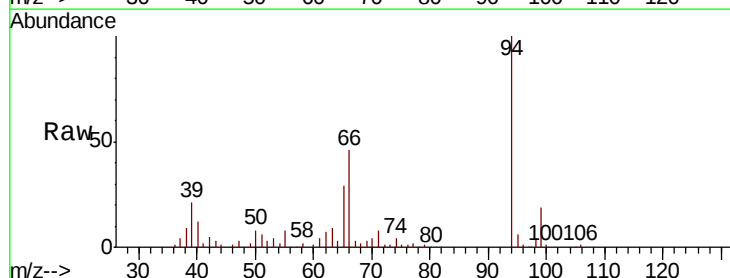
Tgt Ion: 94 Resp: 113804

Ion Ratio Lower Upper

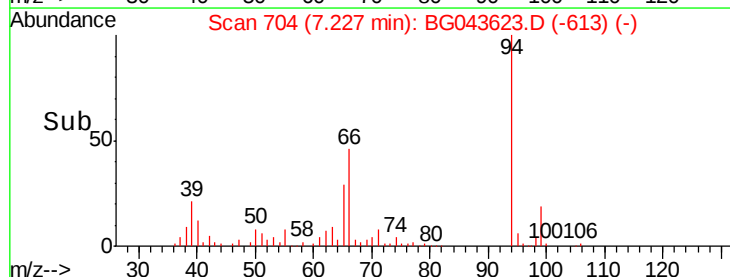
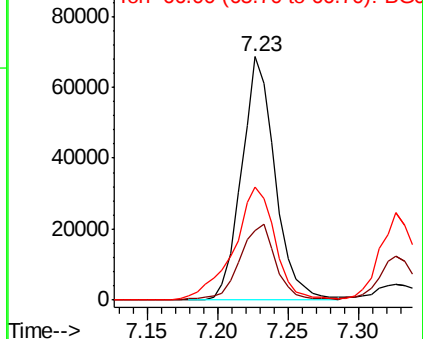
94 100

65 28.6 12.6 52.6

66 46.2 30.7 70.7



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

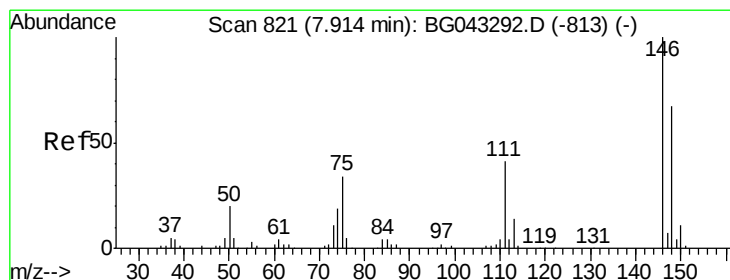
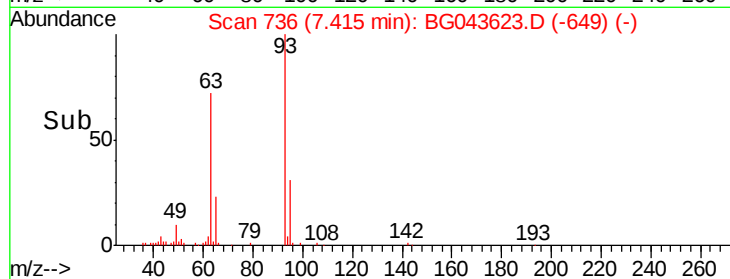
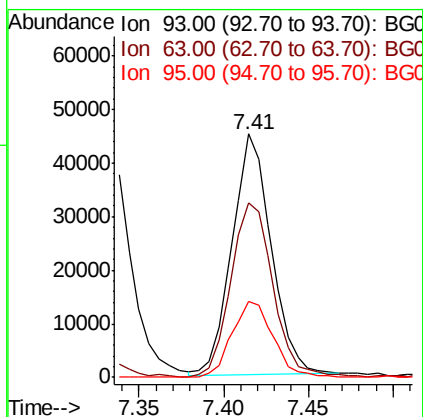
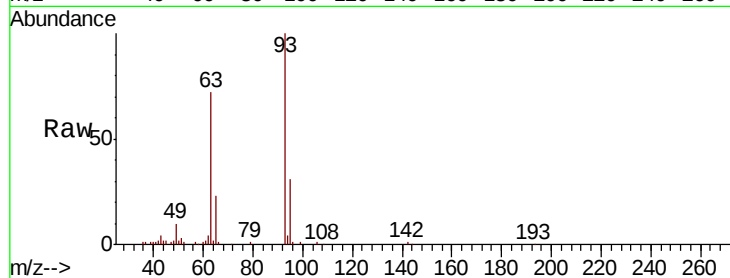




#11
 bis(2-Chloroethyl)ether
 Concen: 36.746 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

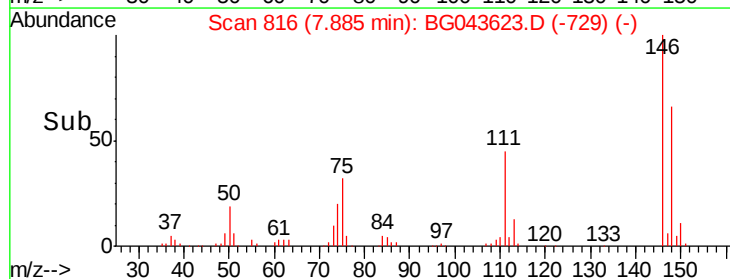
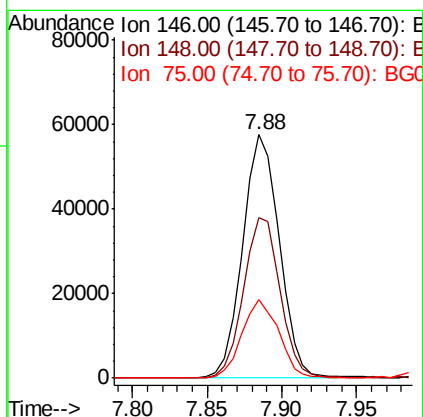
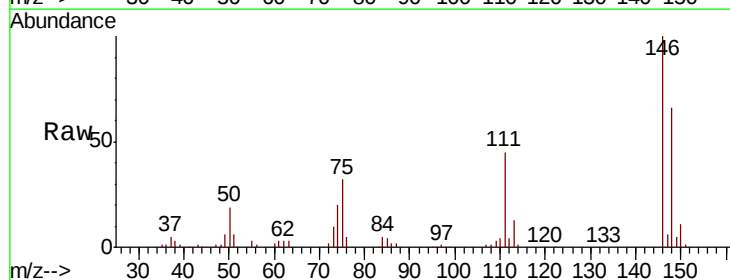
Instrument :
 BNA_G
 ClientSampleId :

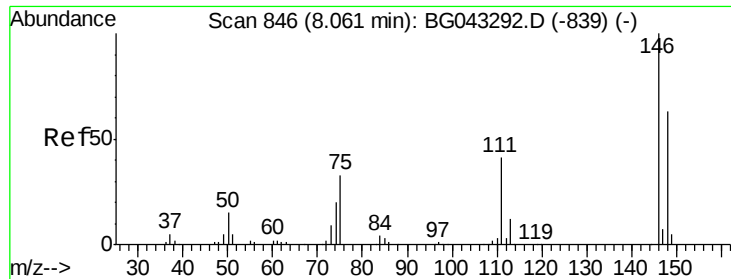
Tot Ion: 93 Resp: 72516
 Ion Ratio Lower Upper
 93 100
 63 71.8 56.3 96.3
 95 31.1 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 36.560 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion: 146 Resp: 98170
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.3 75.5
 75 32.5 24.6 37.0

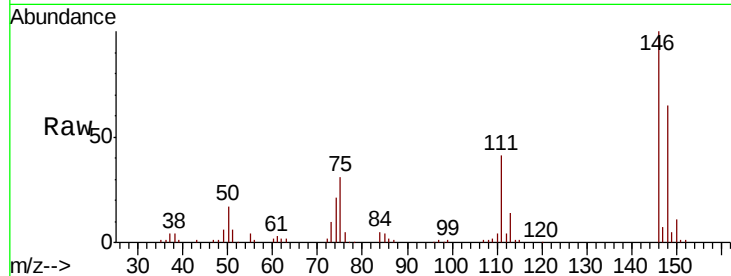




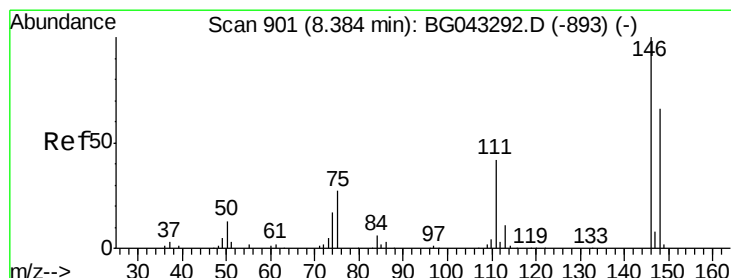
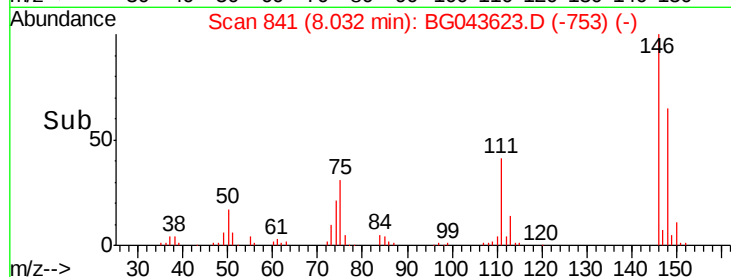
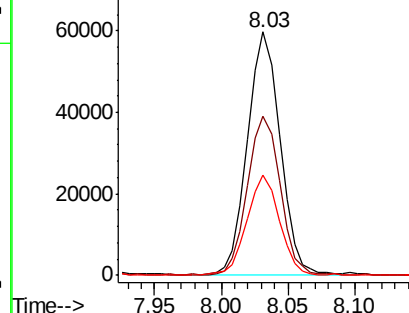
#13
 1,4-Dichlorobenzene
 Concen: 37.481 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 101826
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.7 76.1
 111 41.4 33.4 50.2

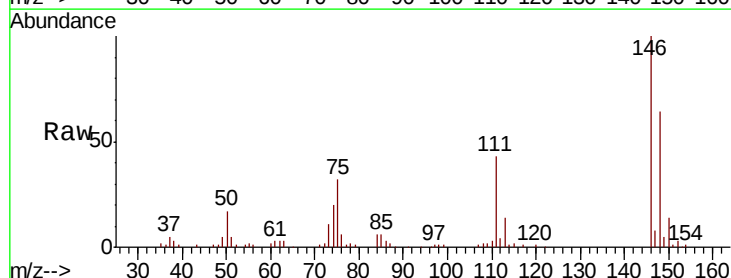


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

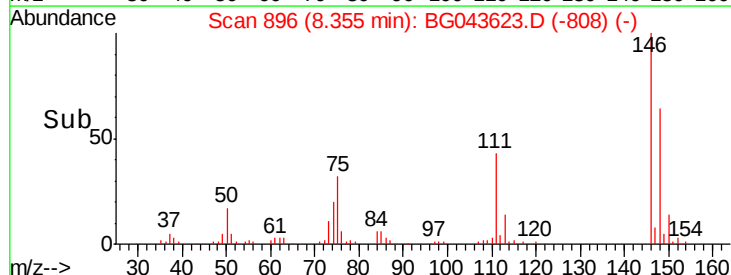
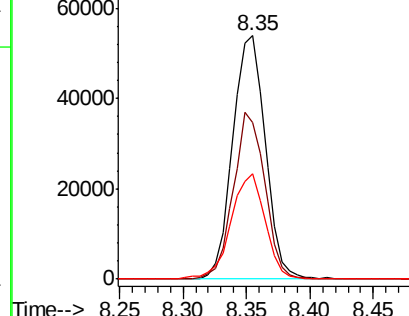


#14
 1,2-Dichlorobenzene
 Concen: 36.118 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion:146 Resp: 95806
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.2 79.8
 111 43.1 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: 42.811 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampleId :

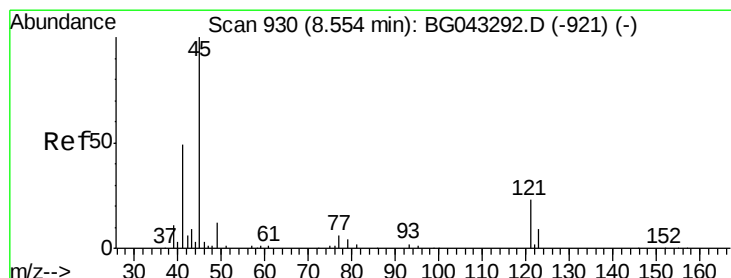
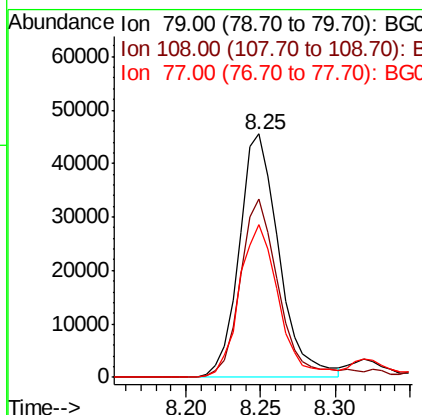
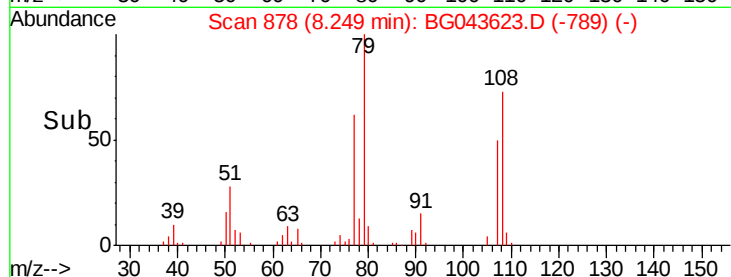
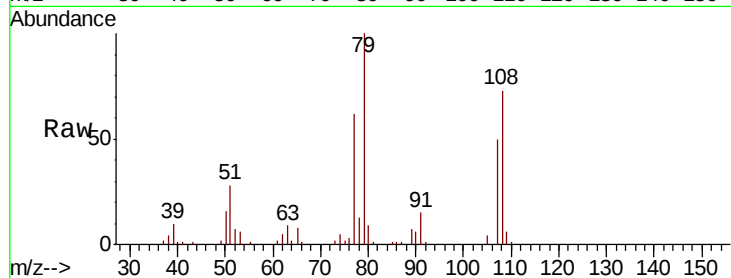
Tot Ion: 79 Resp: 83983

Ion Ratio Lower Upper

79 100

108 73.2 53.6 80.4

77 62.5 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.179 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

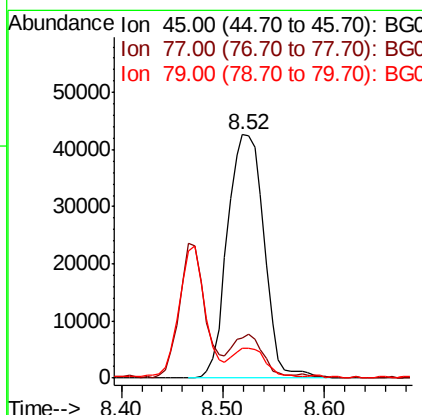
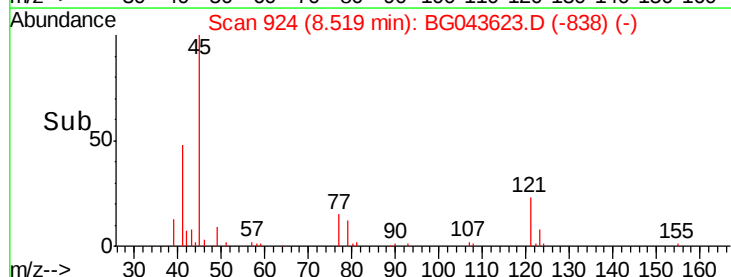
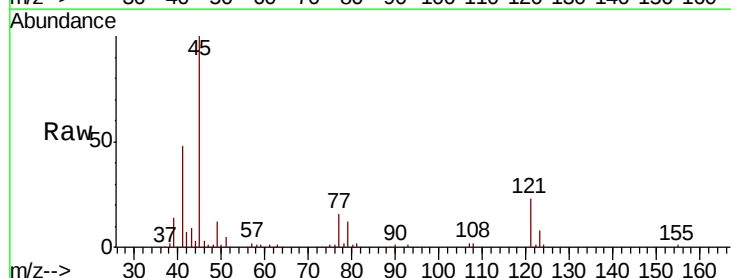
Tgt Ion: 45 Resp: 106685

Ion Ratio Lower Upper

45 100

77 16.4 0.0 34.9

79 12.3 0.0 33.0





#17

2-Methylphenol

Concen: 43.440 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 80831

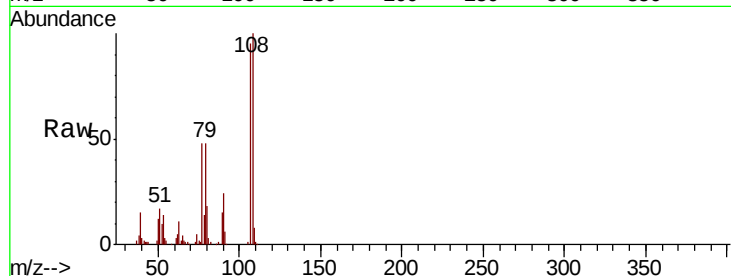
Ion Ratio Lower Upper

107 100

108 105.4 90.2 135.4

77 51.0 40.2 60.2

79 50.6 44.0 66.0

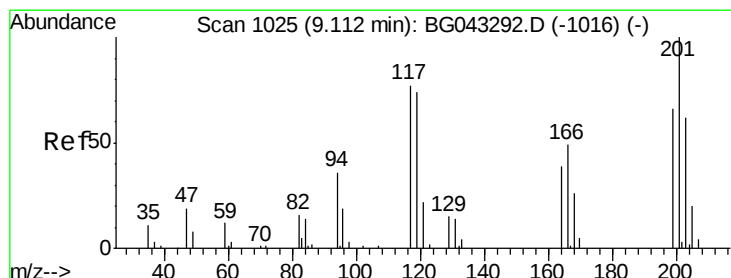
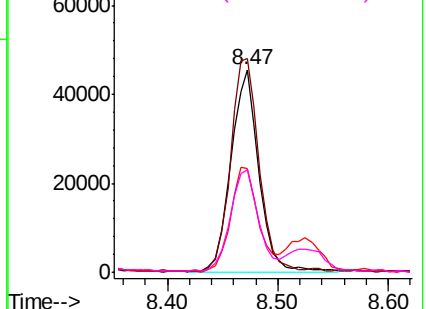
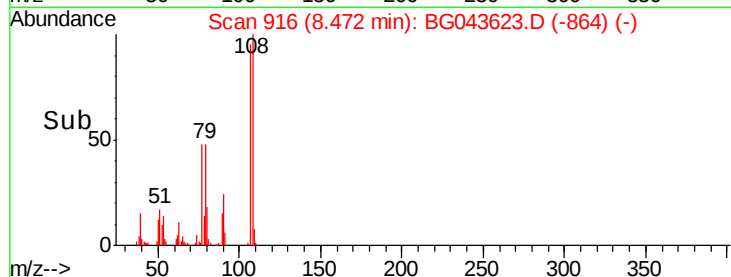


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.559 ng

RT: 9.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

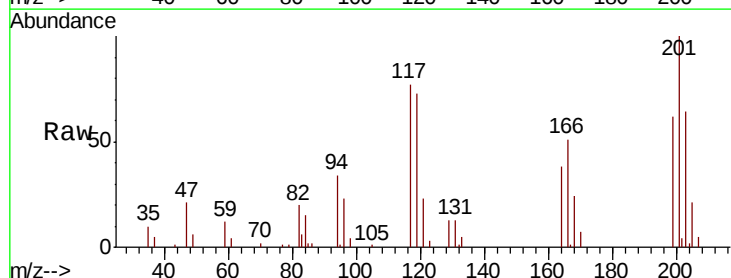
Tgt Ion:117 Resp: 35834

Ion Ratio Lower Upper

117 100

119 94.9 79.0 118.4

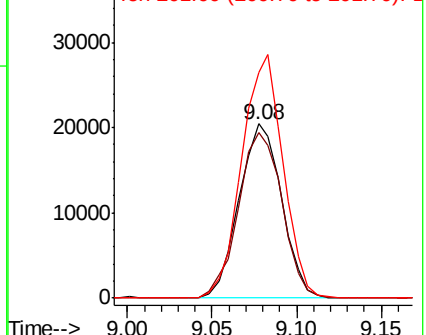
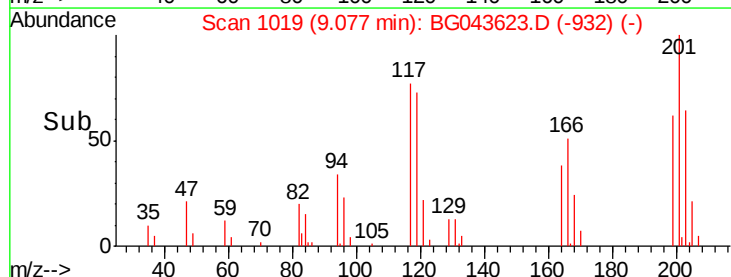
201 129.5 105.4 158.2

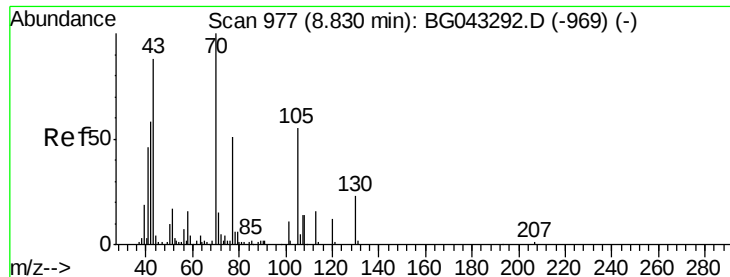


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.282 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 65488

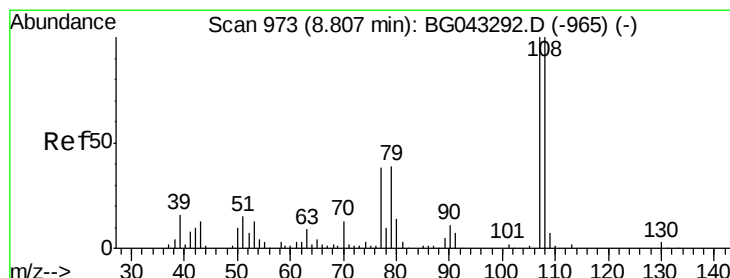
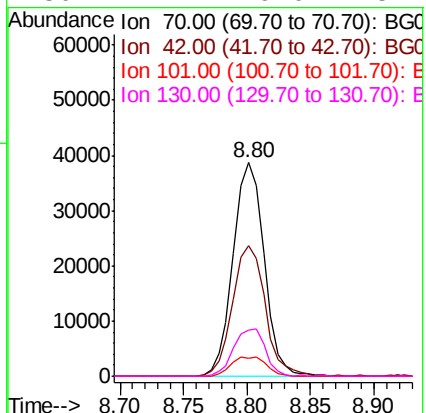
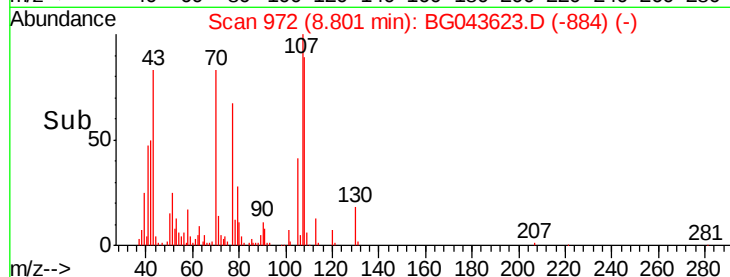
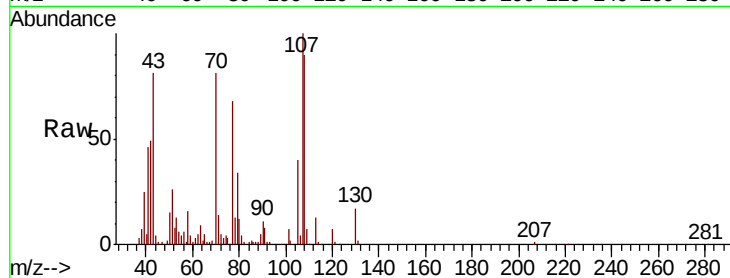
Ion Ratio Lower Upper

70 100

42 60.9 41.4 62.2

101 8.7 7.9 11.9

130 21.4 19.0 28.4



#20

3+4-Methylphenols

Concen: 31.679 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.33 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion: 107 Resp: 80831

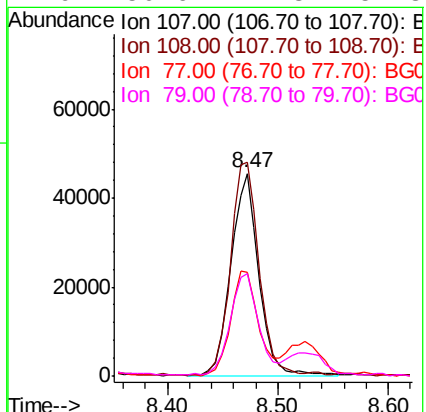
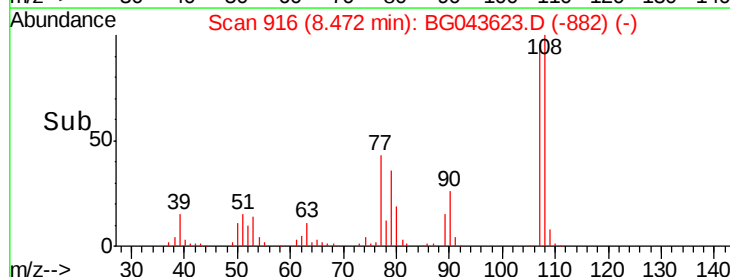
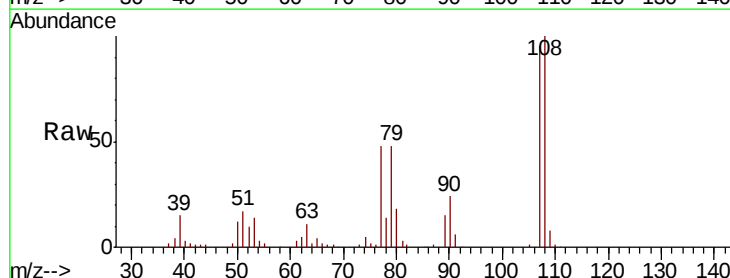
Ion Ratio Lower Upper

107 100

108 105.4 66.6 106.6

77 51.0 20.9 60.9

79 50.6 11.3 51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 139267

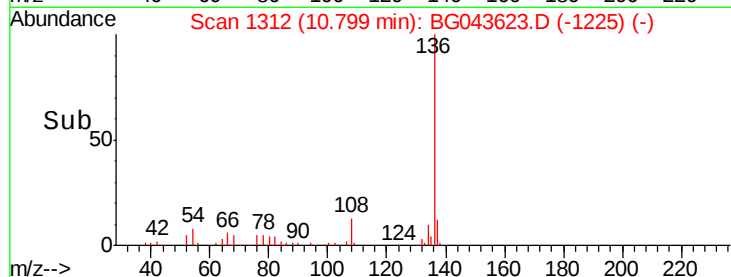
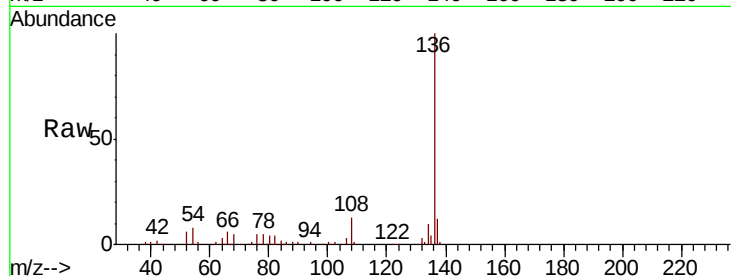
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 7.8 5.4 8.2

68 4.9 3.0 4.4#

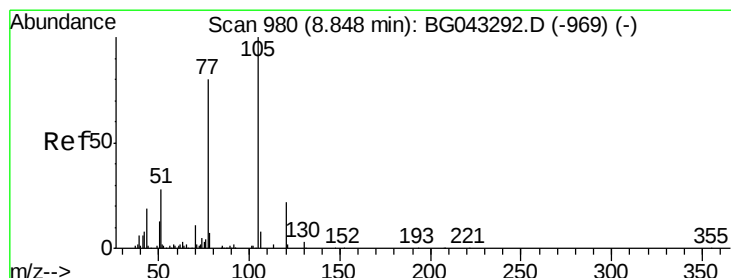
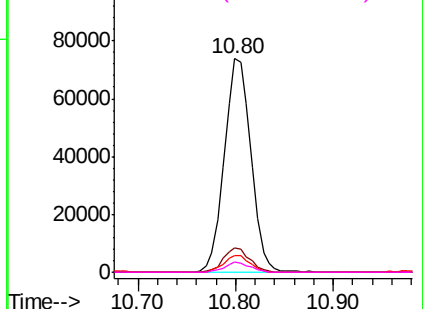


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 37.421 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion:105 Resp: 133463

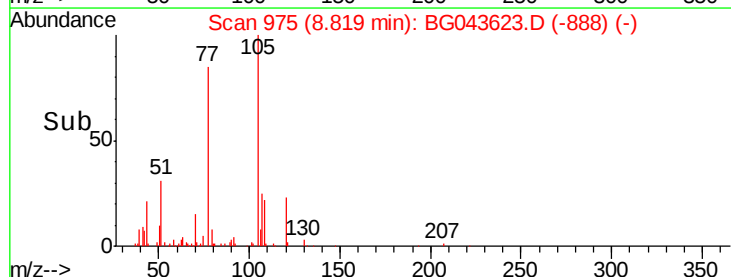
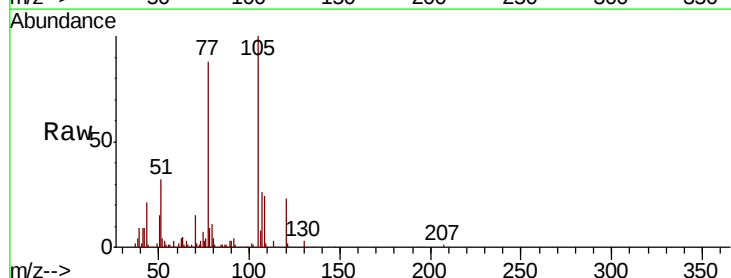
Ion Ratio Lower Upper

105 100

71 2.3 0.8 1.2#

51 32.2 21.0 31.4#

120 22.5 18.0 27.0

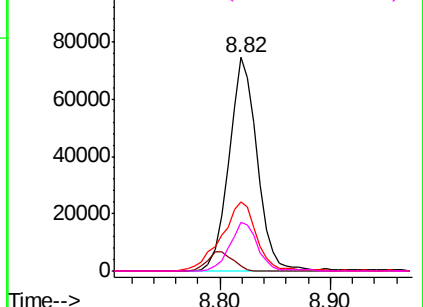


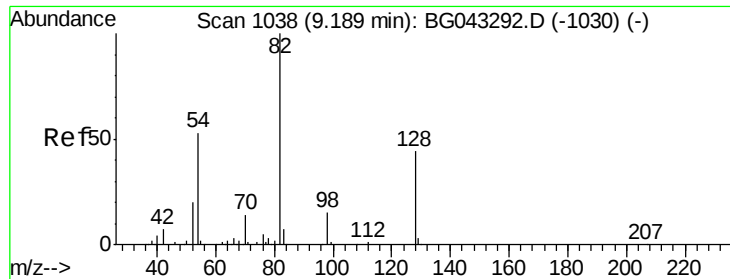
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

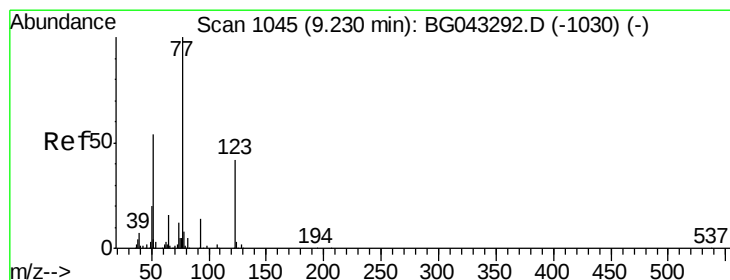
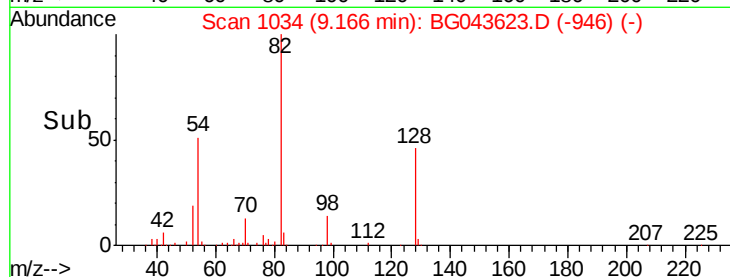
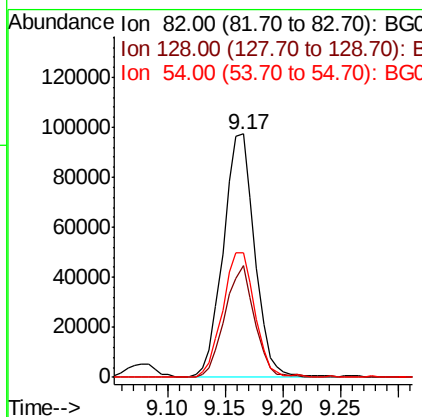
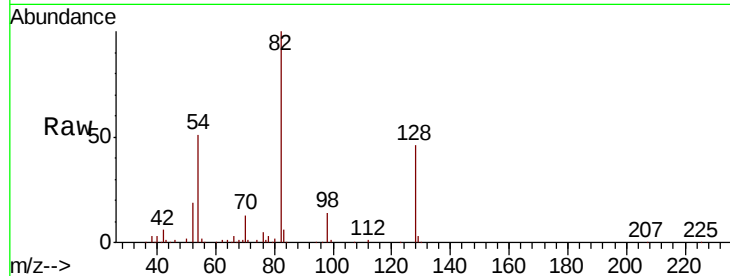




#23
 Nitrobenzene-d5
 Concen: 68.263 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

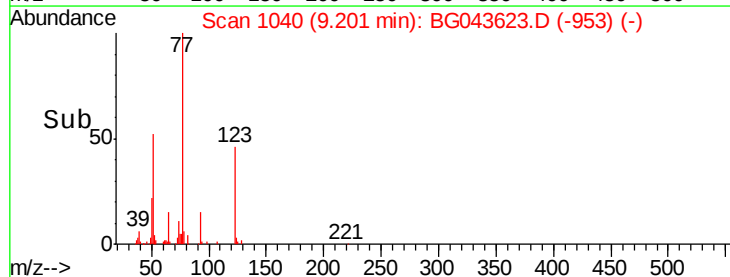
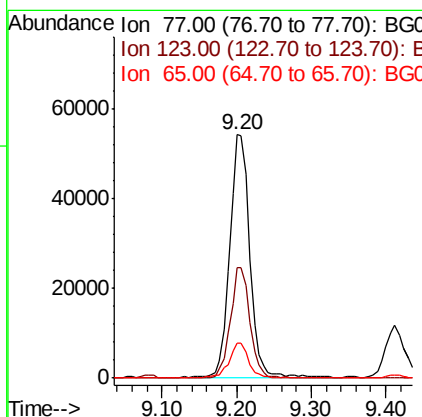
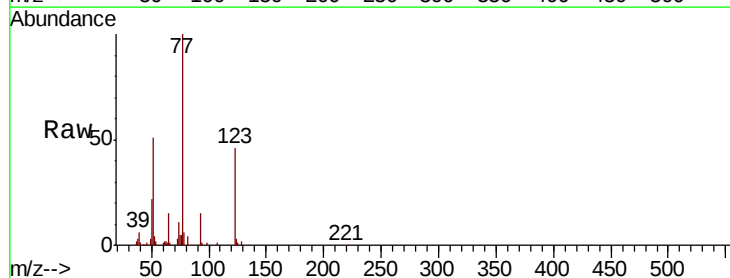
Instrument :
 BNA_G
 ClientSampleId :

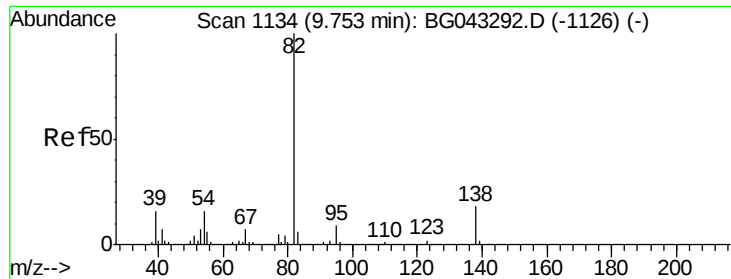
Tot Ion	82	Resp	184403
Ion Ratio	100	Lower	Upper
128	46.0	35.0	52.6
54	51.3	40.2	60.2



#24
 Nitrobenzene
 Concen: 39.943 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion	77	Resp	102786
Ion Ratio	100	Lower	Upper
123	45.6	35.0	52.6
65	14.6	9.5	14.3#





#25

Isophorone

Concen: 37.924 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampled :

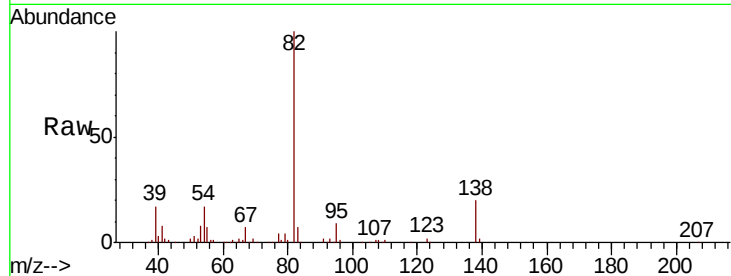
Tot Ion: 82 Resp: 187300

Ion Ratio Lower Upper

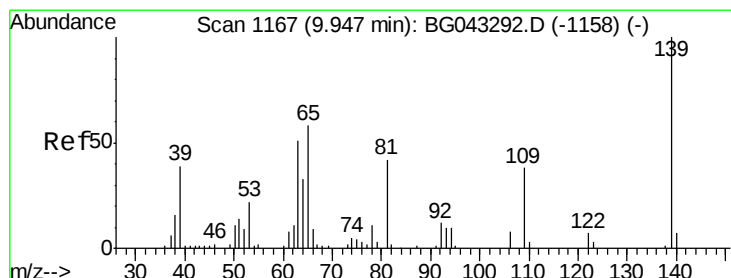
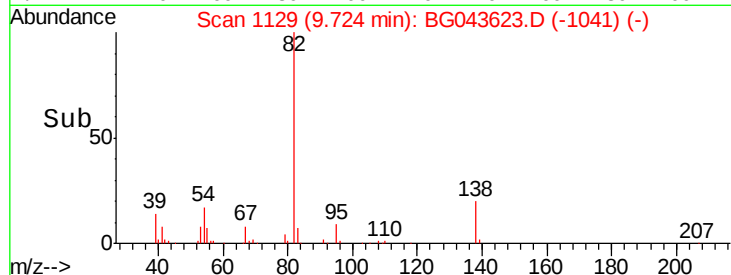
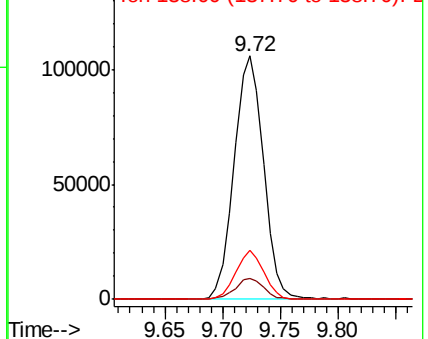
82 100

95 8.7 6.6 9.8

138 20.0 15.2 22.8



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



#26

2-Nitrophenol

Concen: 42.895 ng

RT: 9.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

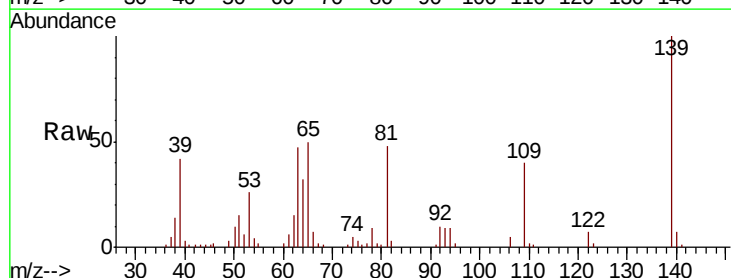
Tgt Ion: 139 Resp: 53291

Ion Ratio Lower Upper

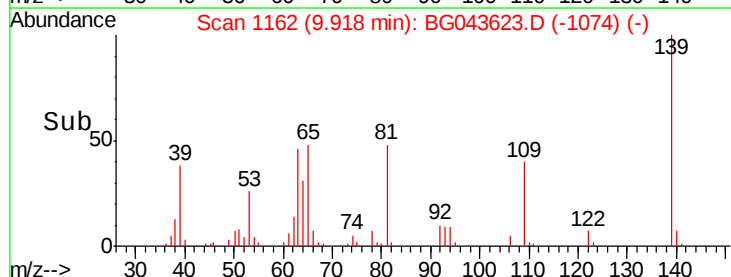
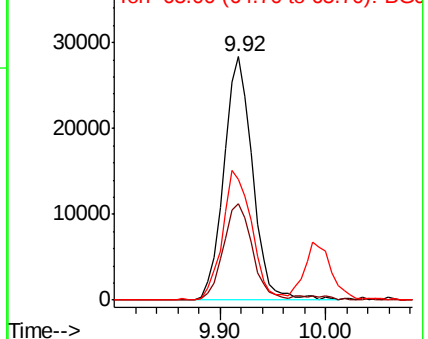
139 100

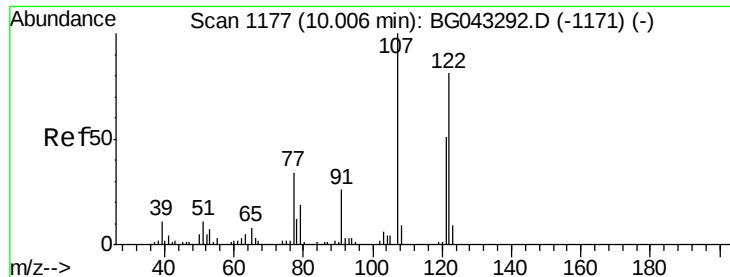
109 39.8 26.5 39.7#

65 49.5 43.8 65.8



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

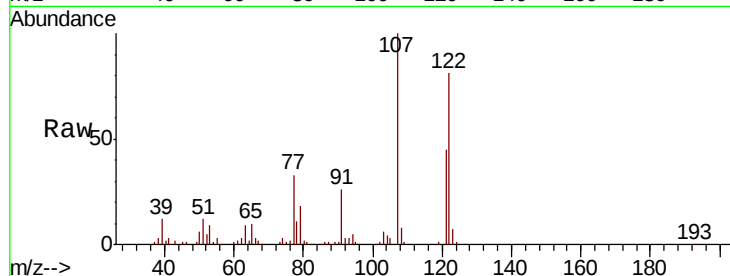




#27
 2,4-Dimethylphenol
 Concen: 51.917 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.5	104.4	156.6
121	56.0	47.2	70.8

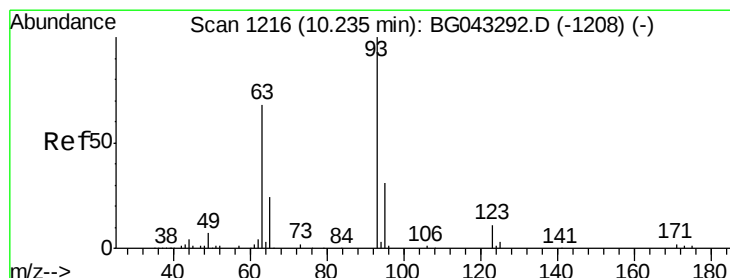
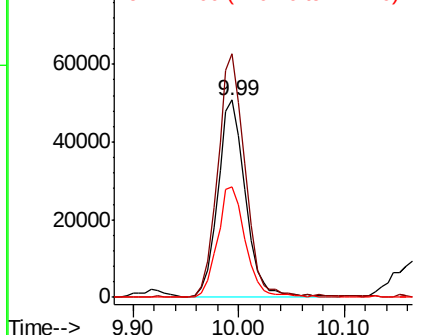
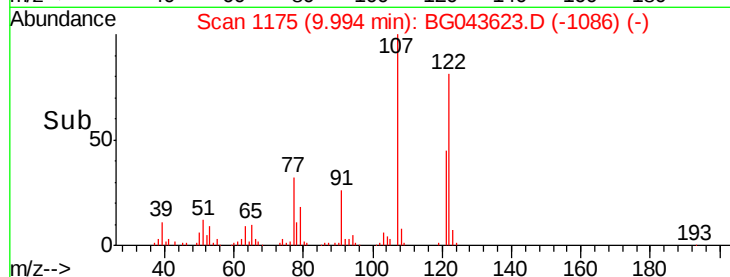


Abundance

Ion 122.00 (121.70 to 122.70): E

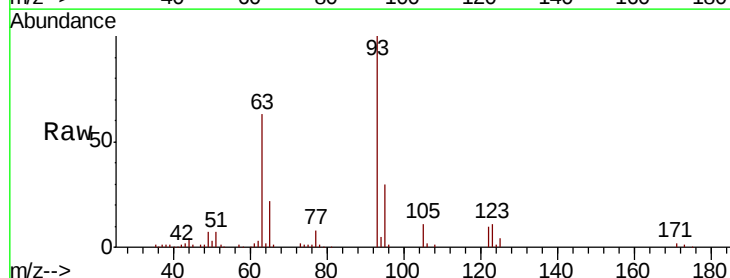
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.776 ng
 RT: 10.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.0	26.0	39.0
123	10.6	10.6	15.8

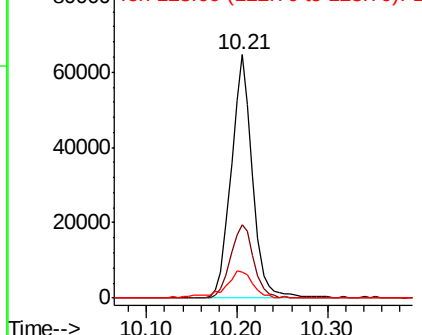
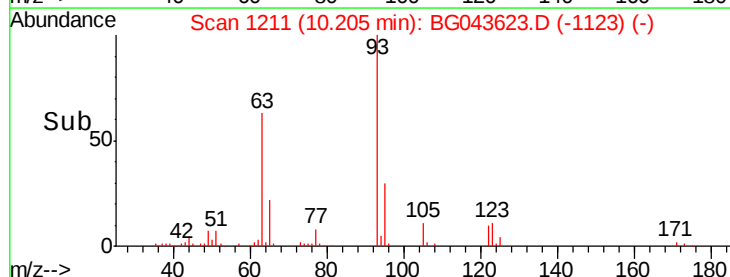


Abundance

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

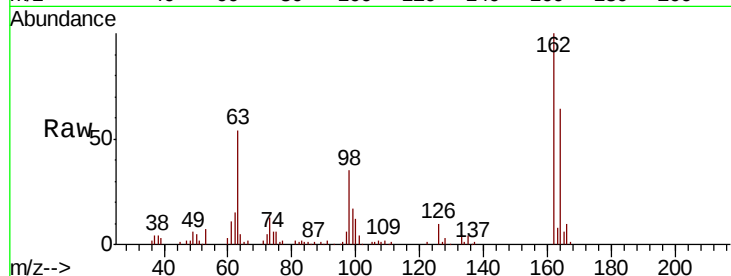




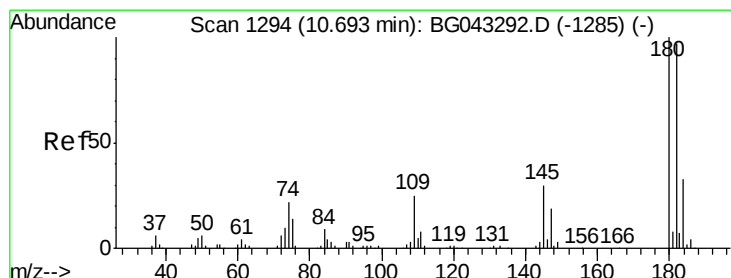
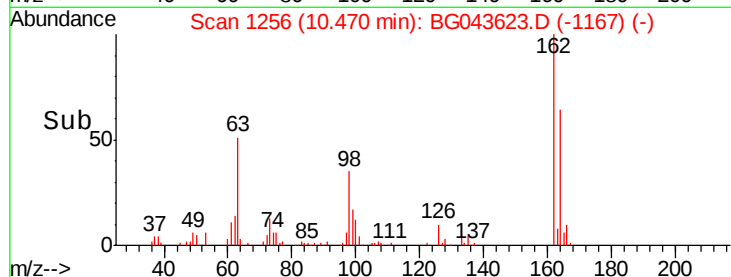
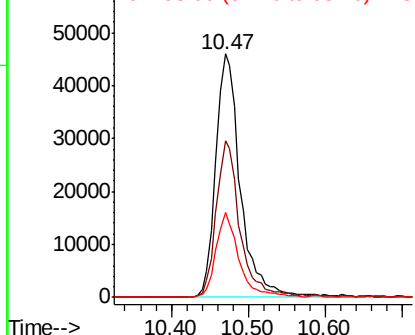
#29
2,4-Dichlorophenol
Concen: 44.536 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 101608
Ion Ratio Lower Upper
162 100
164 64.4 48.9 88.9
98 35.1 15.1 55.1

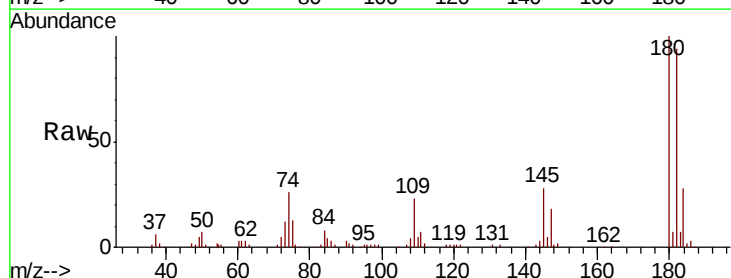


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

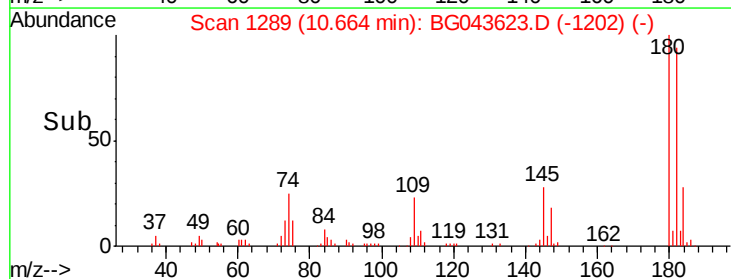
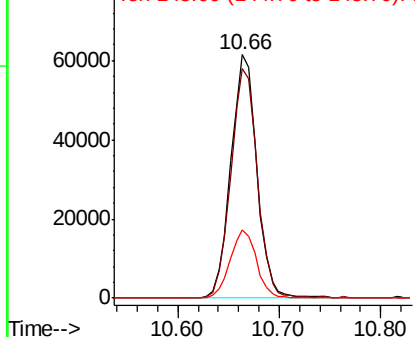


#30
1,2,4-Trichlorobenzene
Concen: 37.920 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion:180 Resp: 109040
Ion Ratio Lower Upper
180 100
182 94.3 75.1 112.7
145 28.0 23.9 35.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

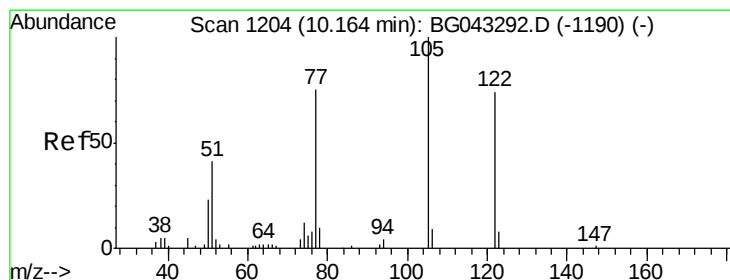
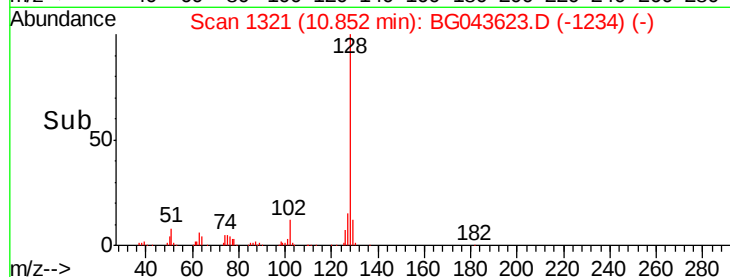
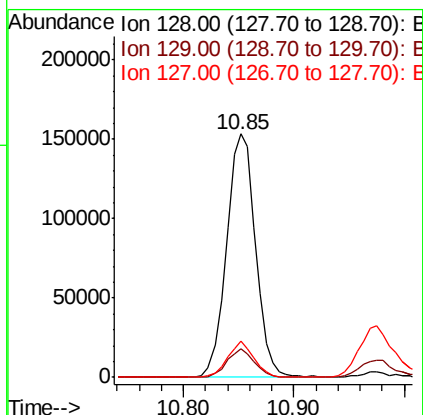
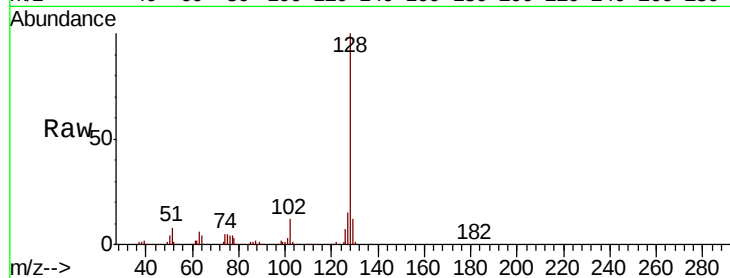




#31
Naphthalene
Concen: 39.817 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

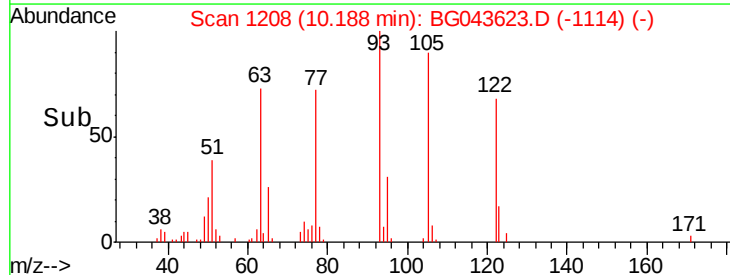
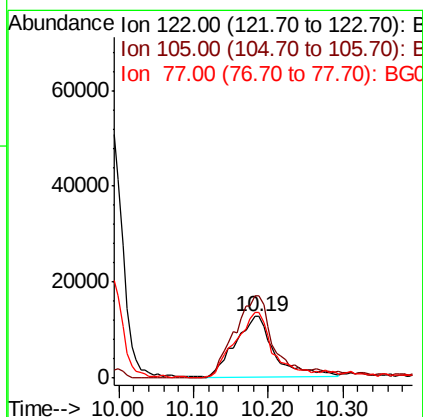
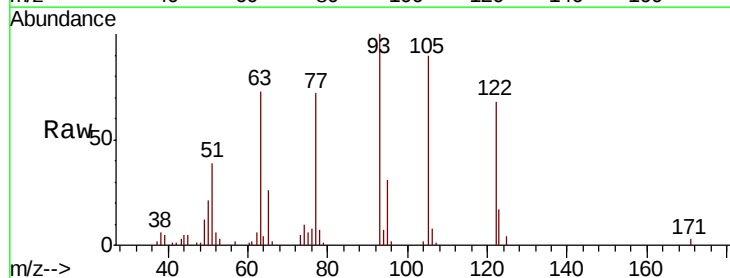
Instrument :
BNA_G
ClientSampleId :

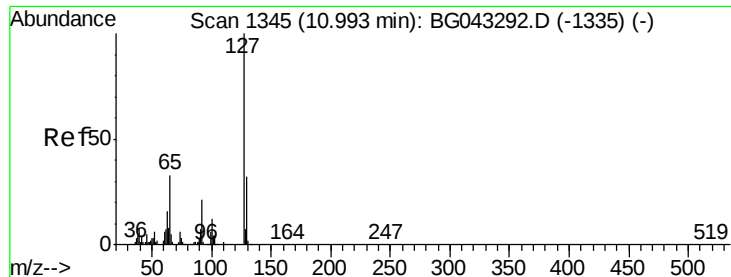
Tot Ion:128 Resp: 281472
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 15.1 11.1 16.7



#32
Benzoic acid
Concen: 36.854 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion:122 Resp: 46588
Ion Ratio Lower Upper
122 100
105 133.5 103.3 143.3
77 105.7 84.9 124.9

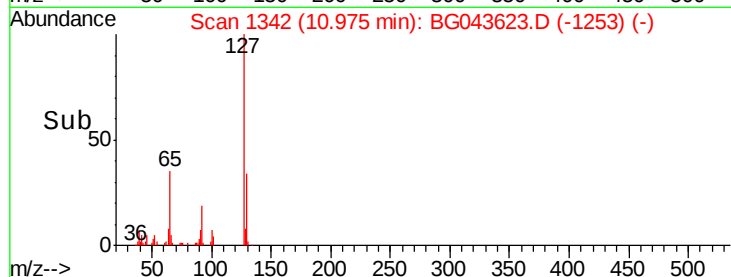
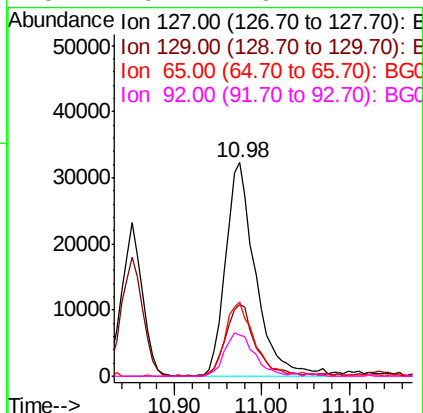
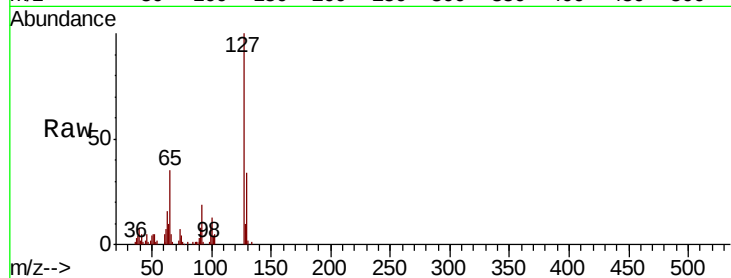




#33
4-Chloroaniline
Concen: 26.164 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

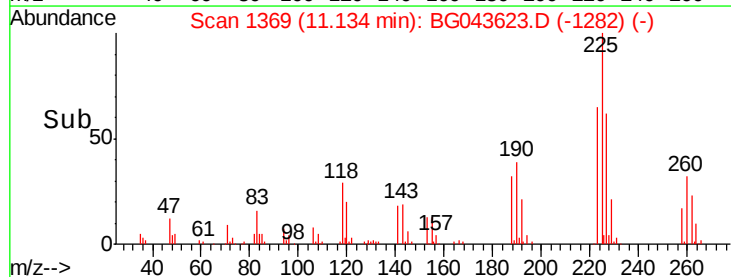
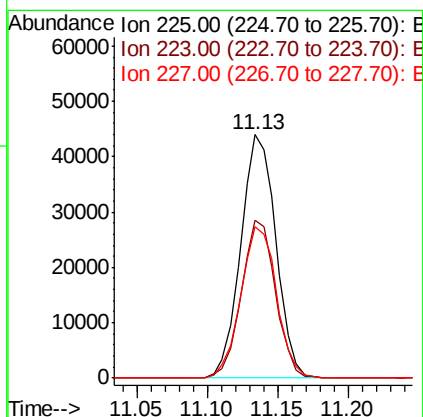
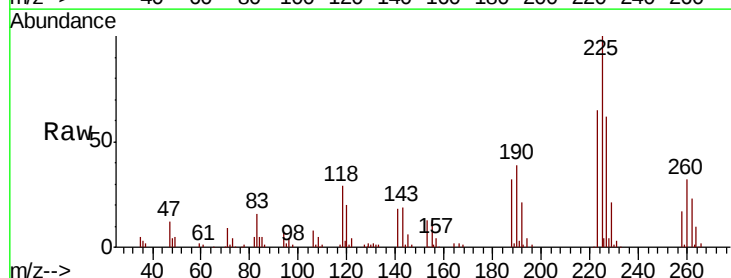
Instrument :
BNA_G
ClientSampled :

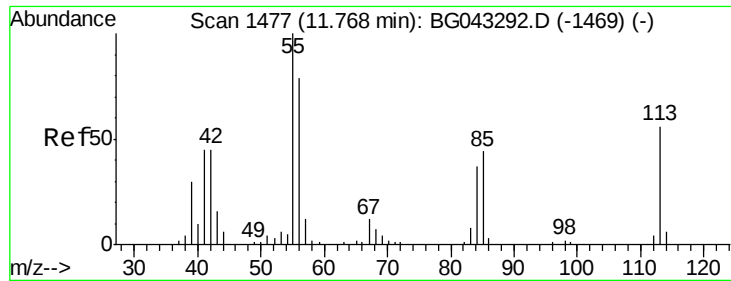
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.5	39.7
65	34.6	26.4	39.6
92	19.1	16.2	24.2



#34
Hexachlorobutadiene
Concen: 36.003 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	52.7	79.1
227	62.0	54.8	82.2





#35

Caprolactam

Concen: 11.832 ng

RT: 11.79 min Scan# 1481

Delta R.T. 0.04 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampleId :

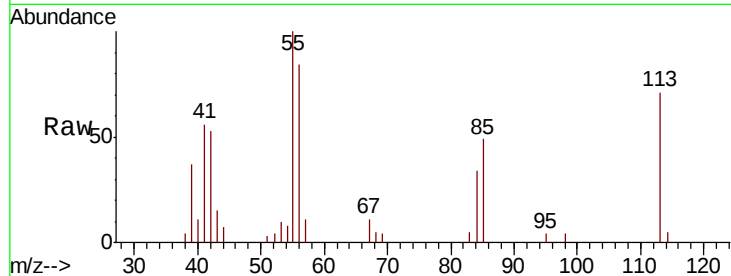
Tot Ion:113 Resp: 9297

Ion Ratio Lower Upper

113 100

55 141.8 134.1 174.1

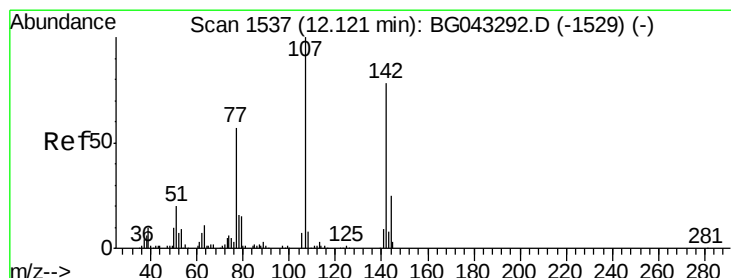
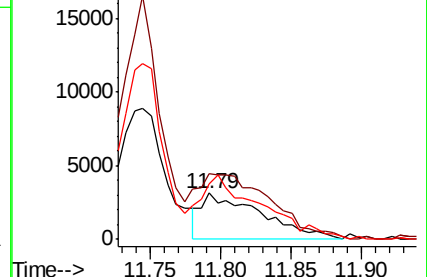
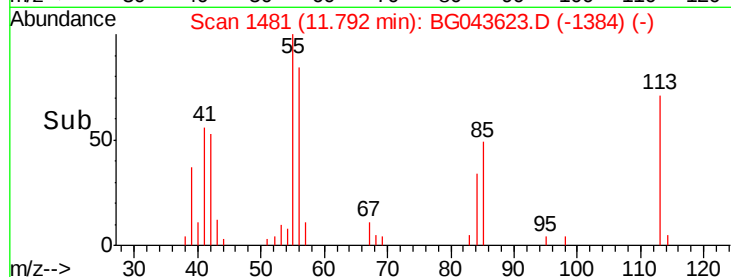
56 119.1 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.569 ng

RT: 12.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

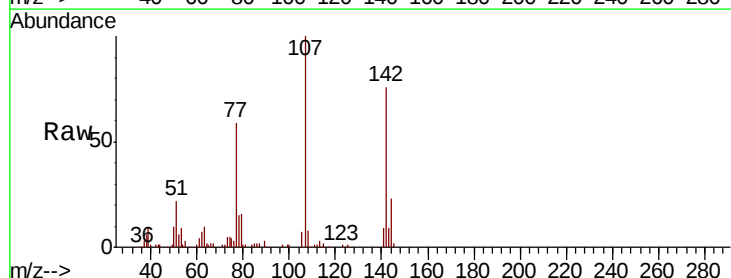
Tgt Ion:107 Resp: 105938

Ion Ratio Lower Upper

107 100

144 22.9 20.9 31.3

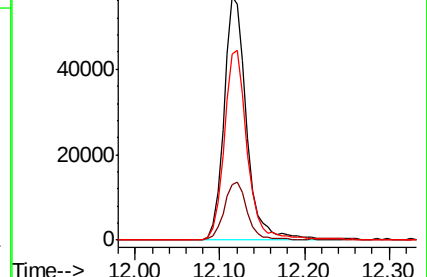
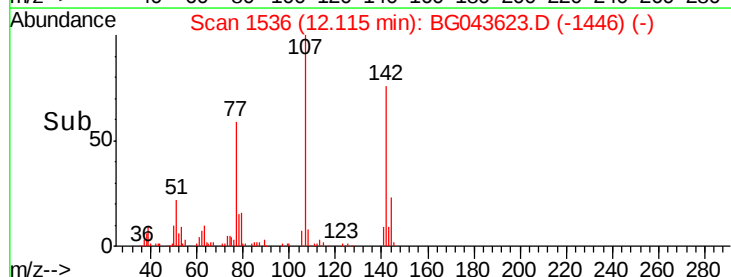
142 76.2 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

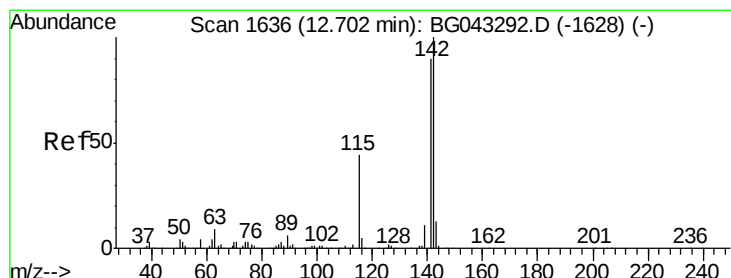
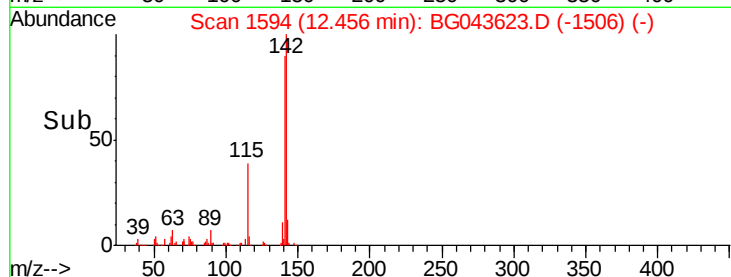
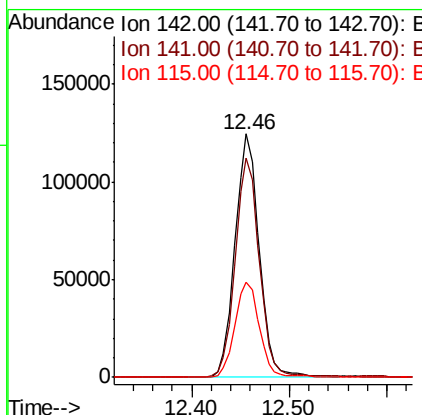
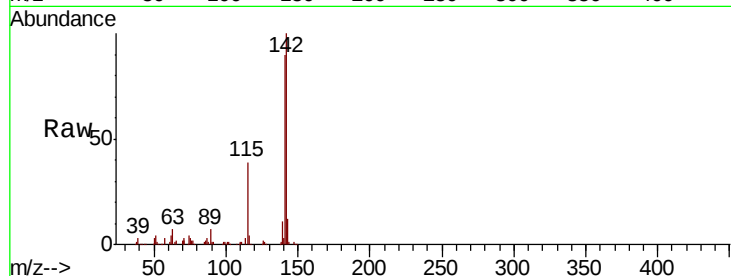




#37
2-Methylnaphthalene
Concen: 39.738 ng
RT: 12.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

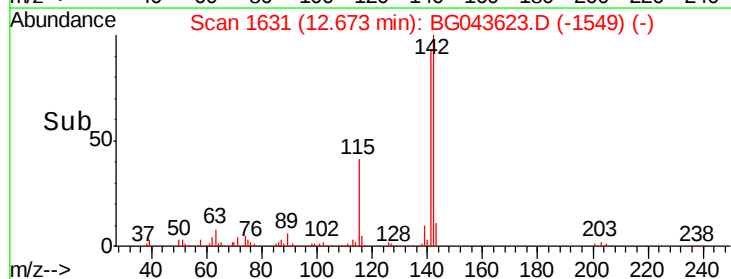
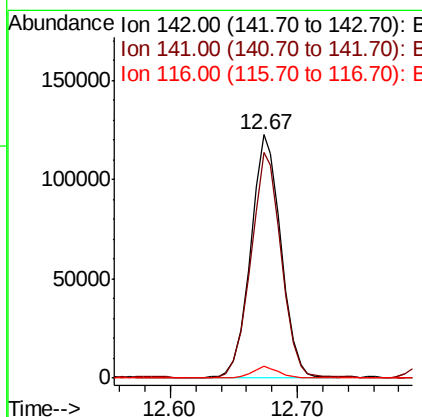
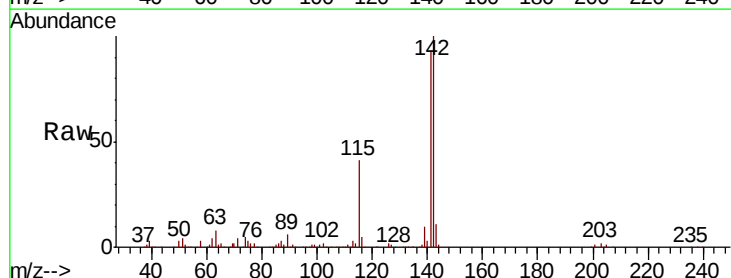
Instrument :
BNA_G
ClientSampleId :

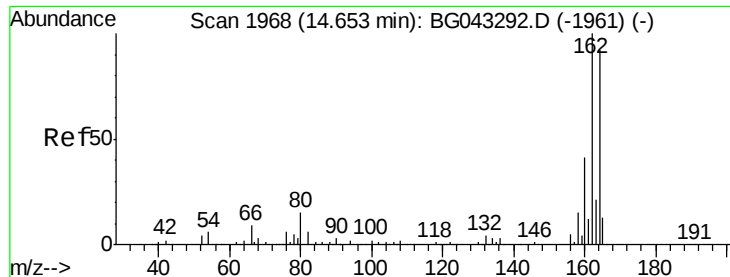
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.2
115	39.0	33.2	49.8



#38
1-Methylnaphthalene
Concen: 39.385 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.2	109.8
116	4.7	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampleId :

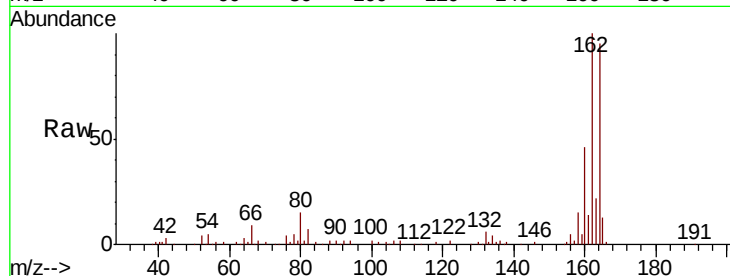
Tot Ion:164 Resp: 100173

Ion Ratio Lower Upper

164 100

162 105.5 83.5 125.3

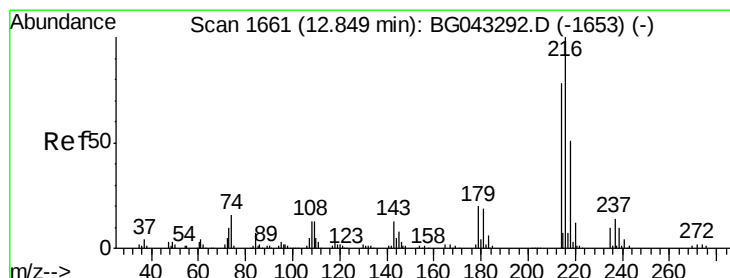
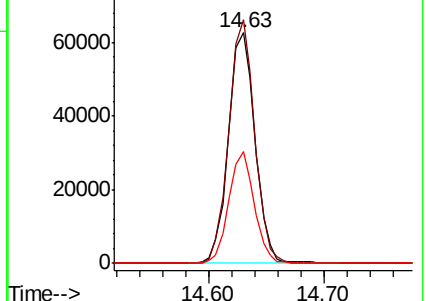
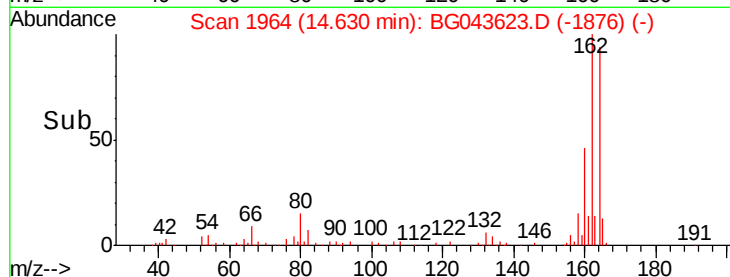
160 48.4 36.5 54.7



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: 37.732 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion:216 Resp: 139884

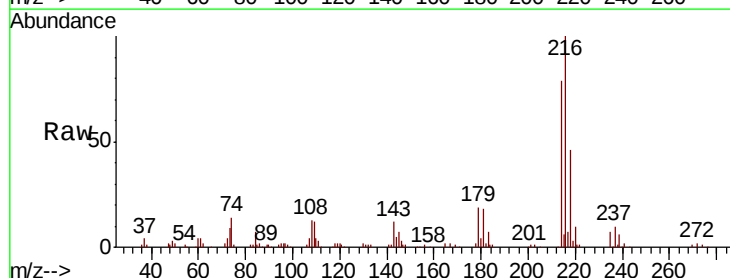
Ion Ratio Lower Upper

216 100

214 77.7 61.7 92.5

179 19.2 15.8 23.8

108 15.4 11.5 17.3

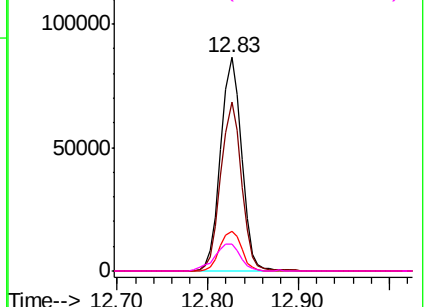
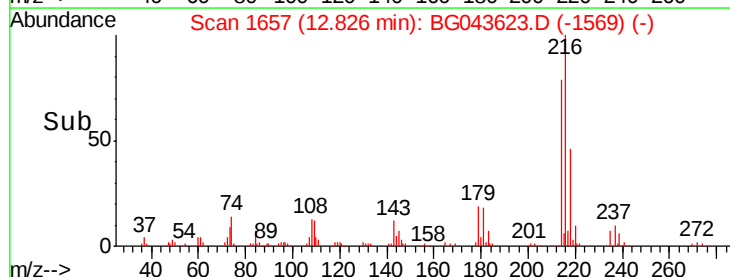


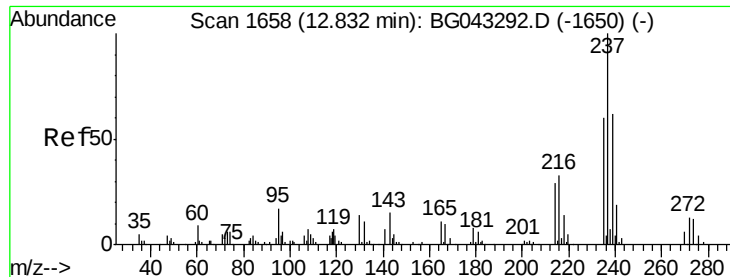
Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.885 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampled :

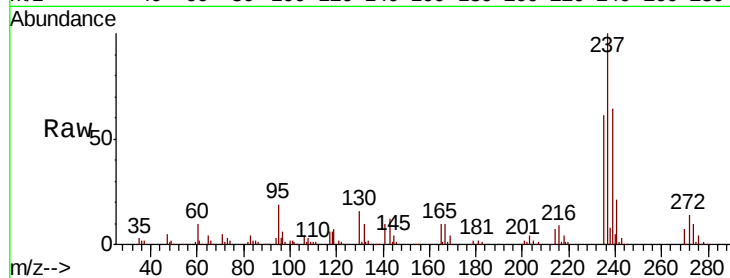
Tot Ion:237 Resp: 136097

Ion Ratio Lower Upper

237 100

235 60.8 41.6 81.6

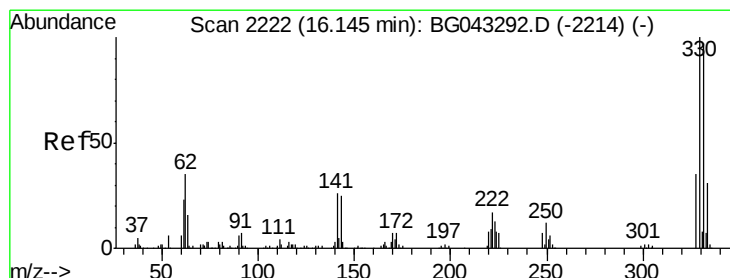
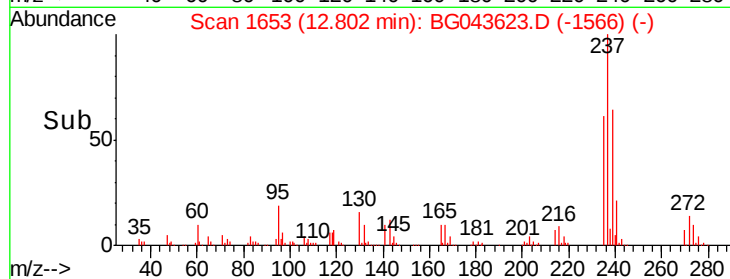
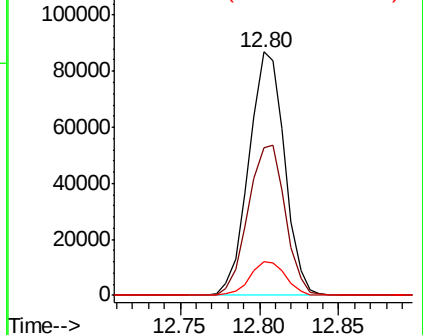
272 13.6 0.0 32.5



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: 63.547 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

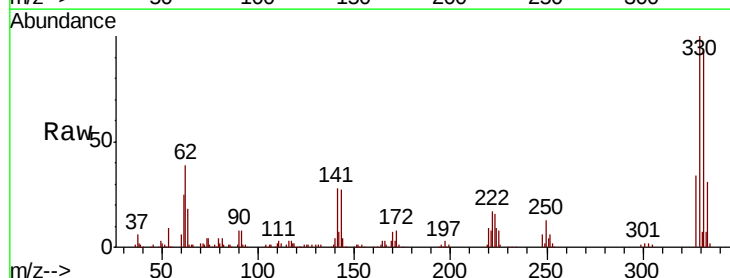
Tgt Ion:330 Resp: 121139

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

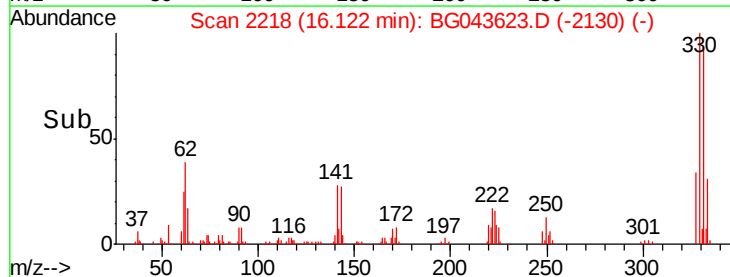
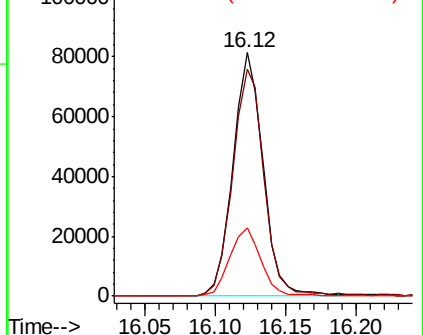
141 29.0 22.8 34.2



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

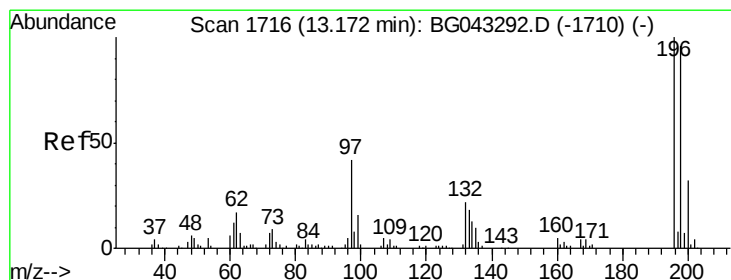
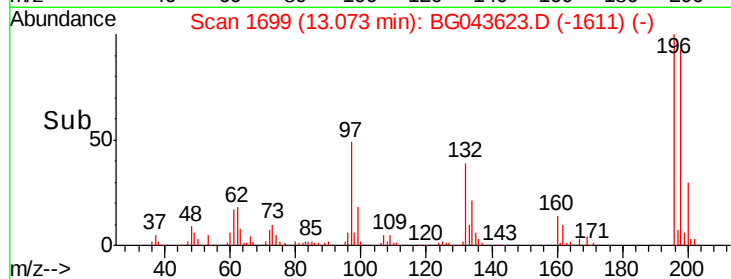
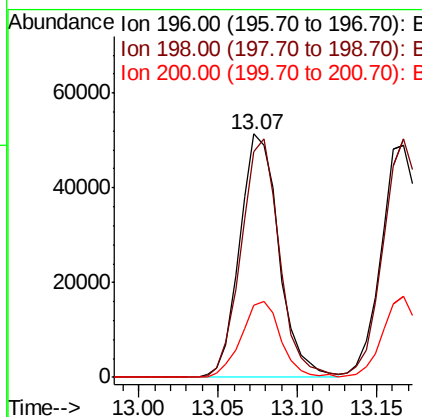
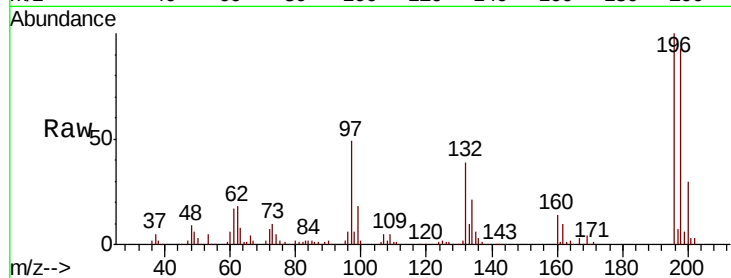




#43
 2,4,6-Trichlorophenol
 Concen: 40.501 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

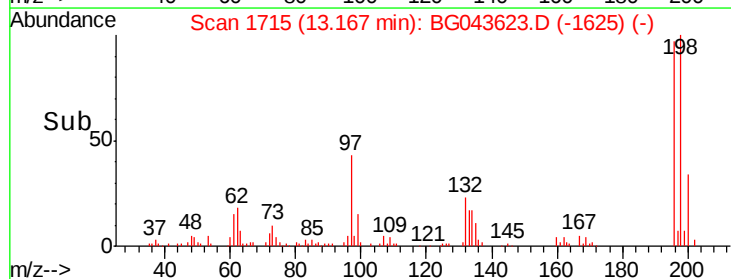
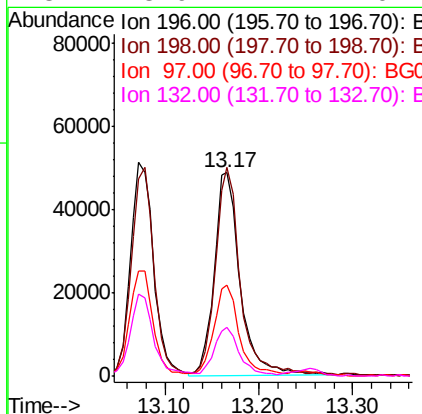
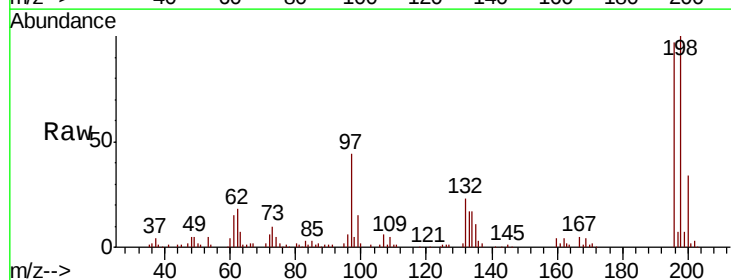
Instrument :
 BNA_G
 ClientSampleId :

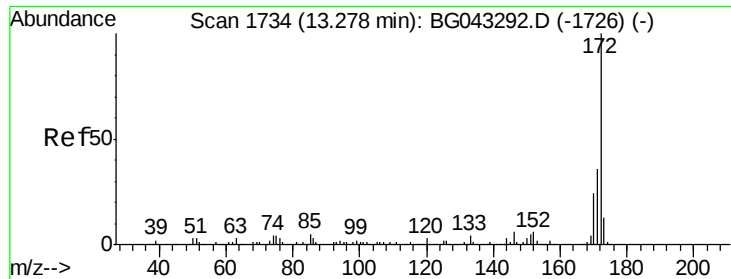
Tot Ion:196 Resp: 88423
 Ion Ratio Lower Upper
 196 100
 198 92.6 75.8 113.6
 200 29.8 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 42.319 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion:196 Resp: 93406
 Ion Ratio Lower Upper
 196 100
 198 102.7 74.5 111.7
 97 44.9 36.3 54.5
 132 23.9 17.4 26.2

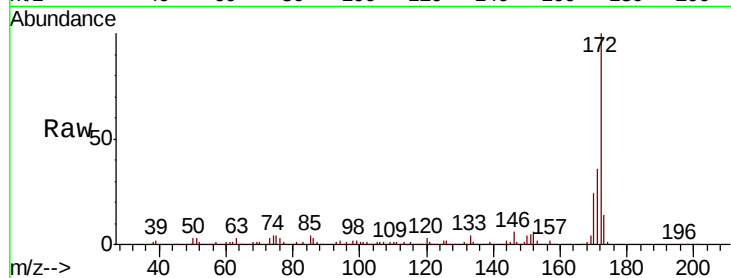




#45
 2-Fluorobiphenyl
 Concen: 69.726 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.6	18.5	27.7

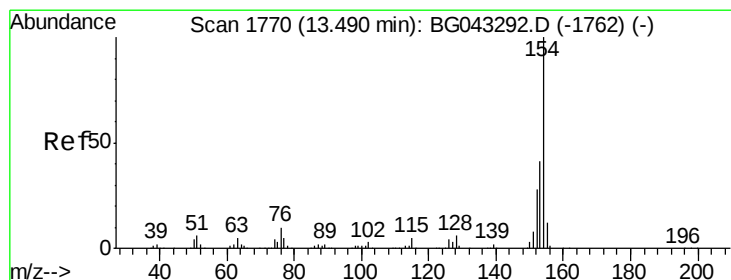
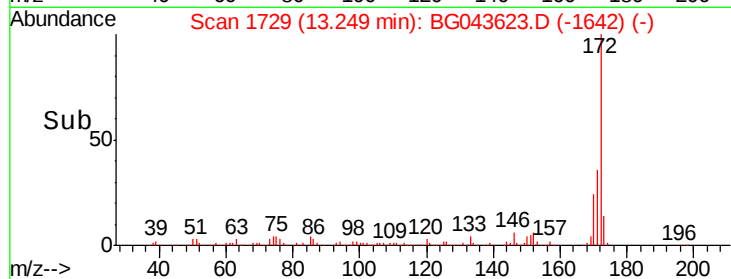
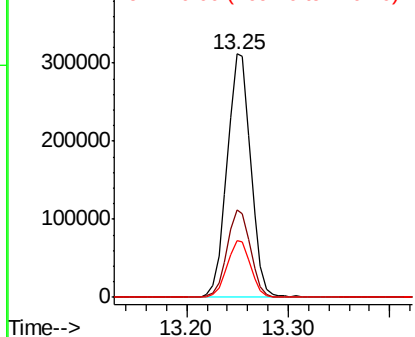


Abundance

Ion 172.00 (171.70 to 172.70): E

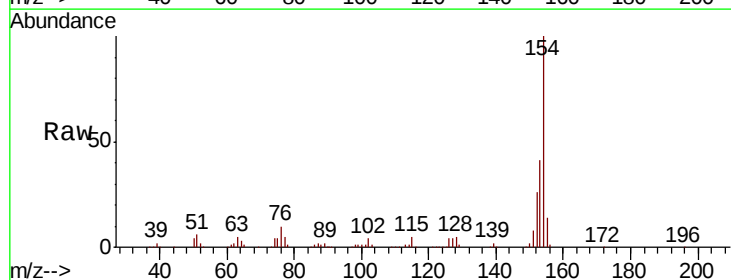
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 37.776 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.02 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.9	59.9
76	10.0	0.0	29.4

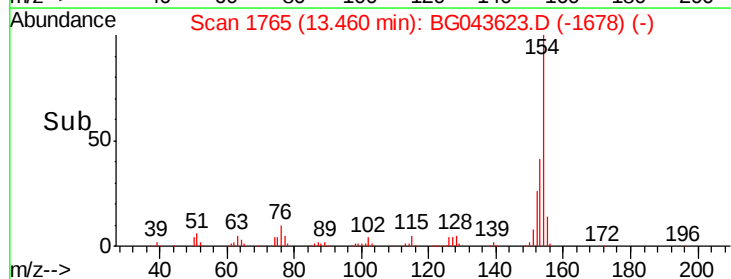
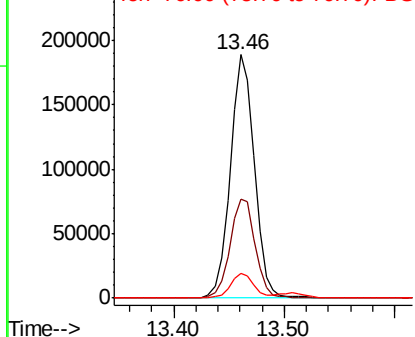


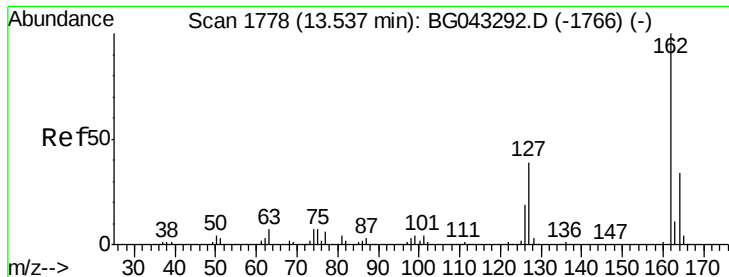
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

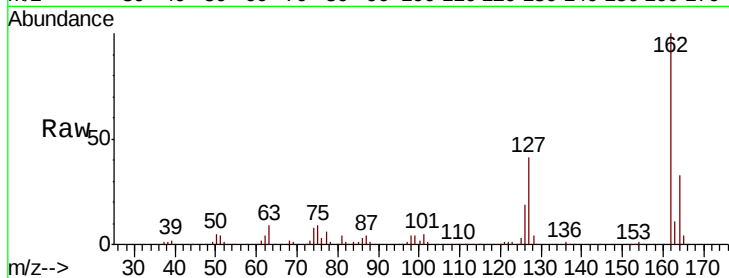




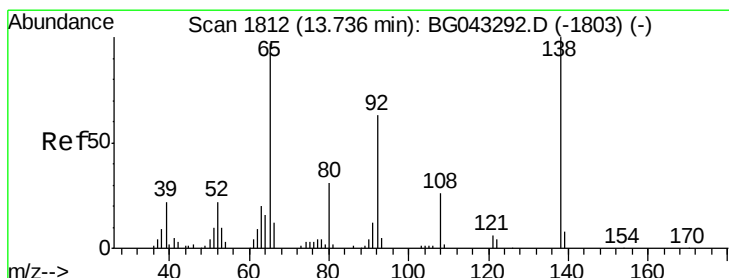
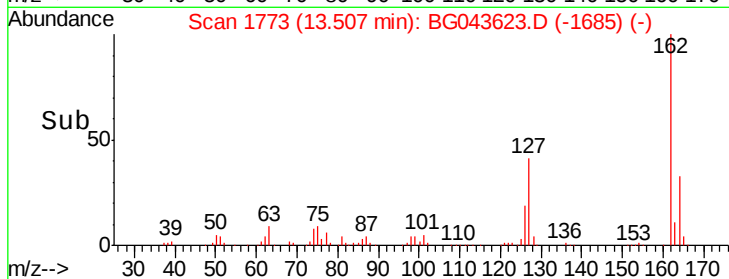
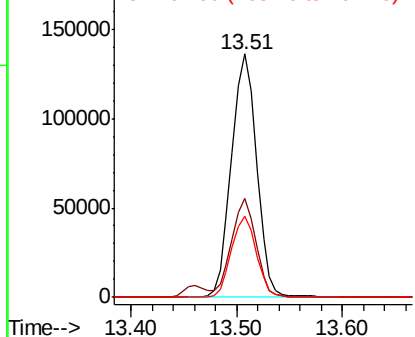
#47
 2-Chloronaphthalene
 Concen: 38.871 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.2	46.8
164	33.2	25.8	38.8

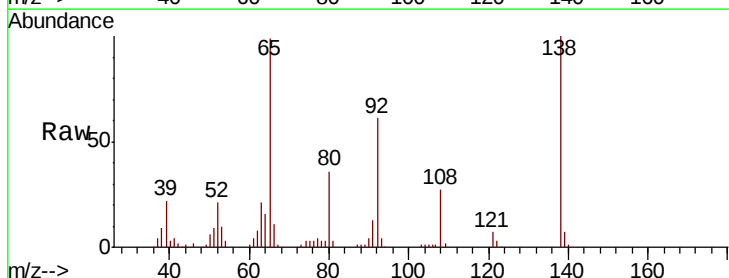


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

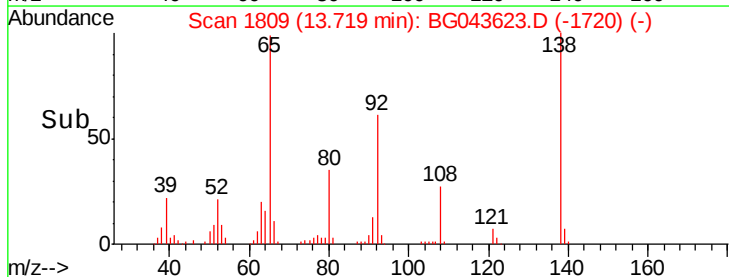
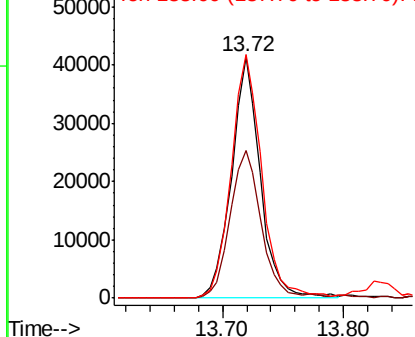


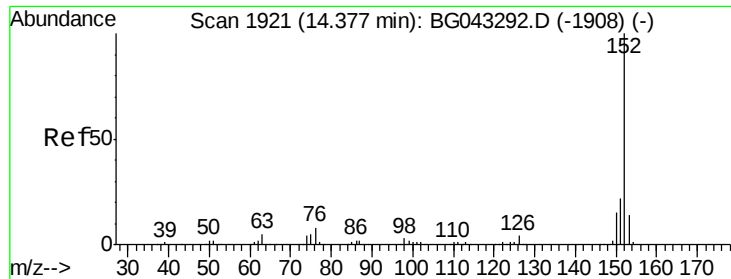
#48
 2-Nitroaniline
 Concen: 39.693 ng
 RT: 13.72 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.2	56.2	84.2
138	100.8	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: 41.333 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

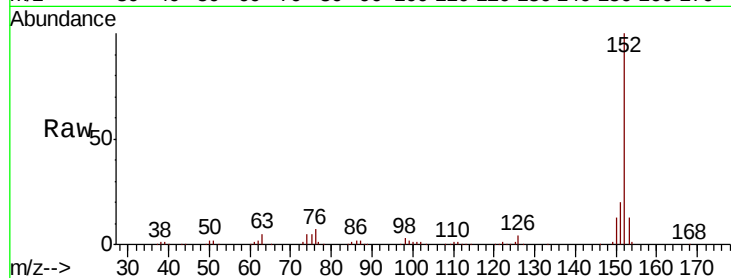
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 373001

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.2	10.6	15.8

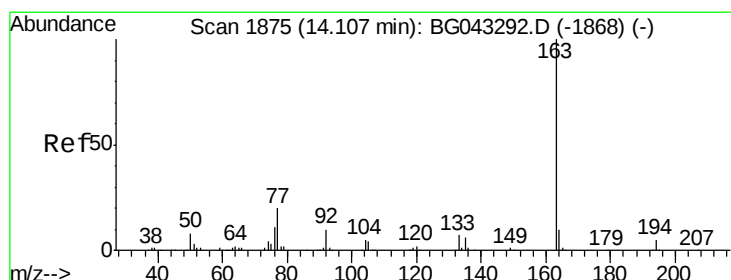
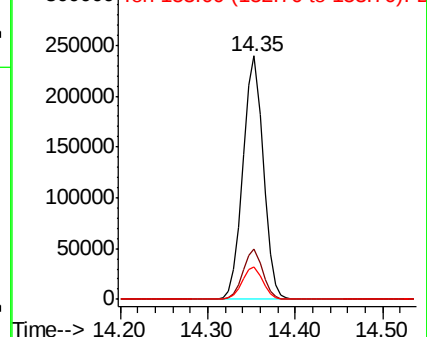
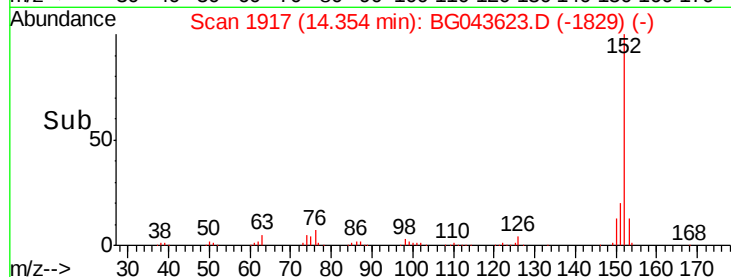


Abundance

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: 37.465 ng

RT: 14.08 min Scan# 1871

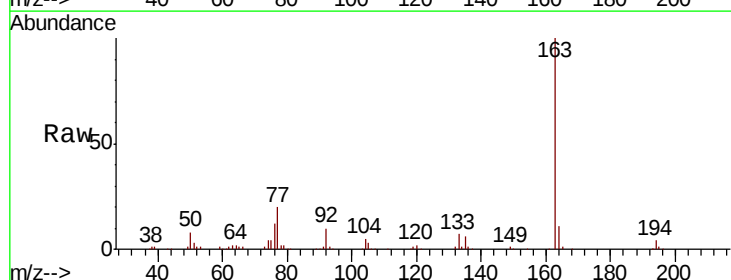
Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion:163 Resp: 290698

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	10.6	8.9	13.3

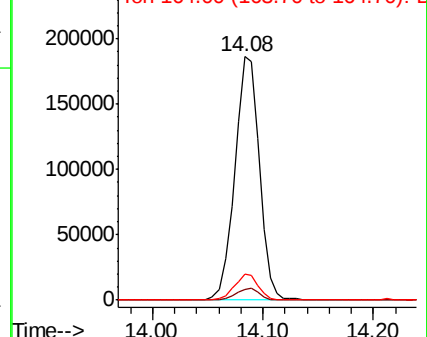
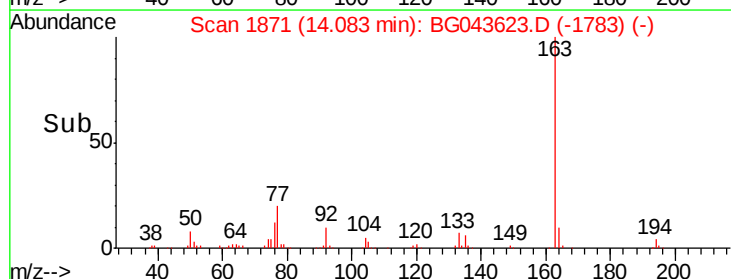


Abundance

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

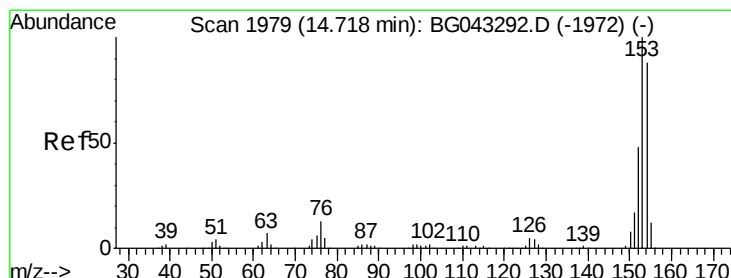
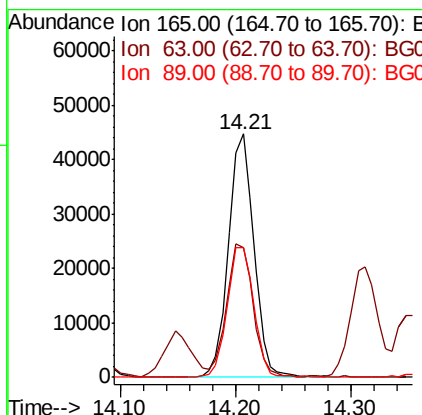
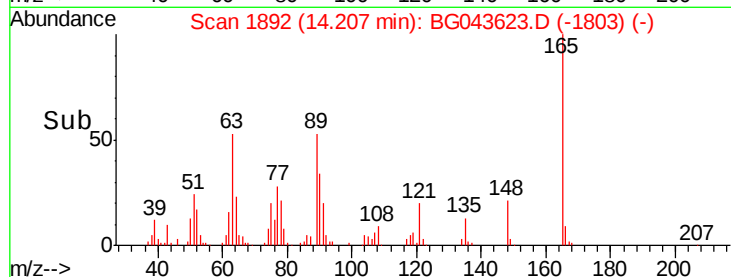
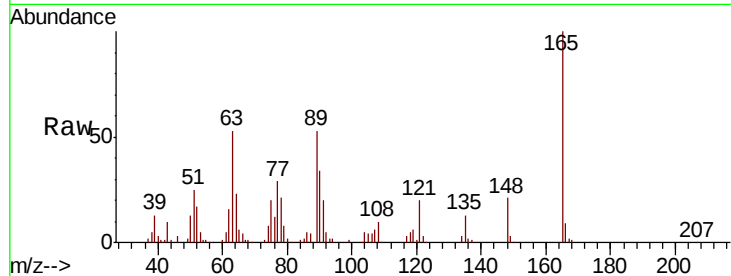




#51
 2,6-Dinitrotoluene
 Concen: 40.589 ng
 RT: 14.21 min Scan# 1892
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

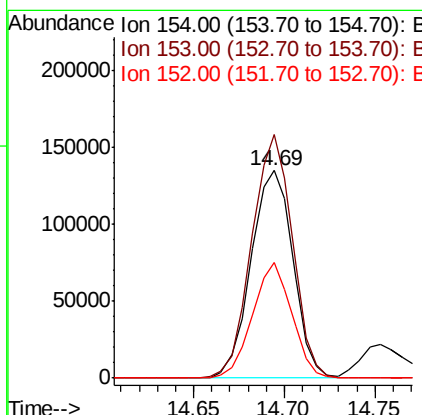
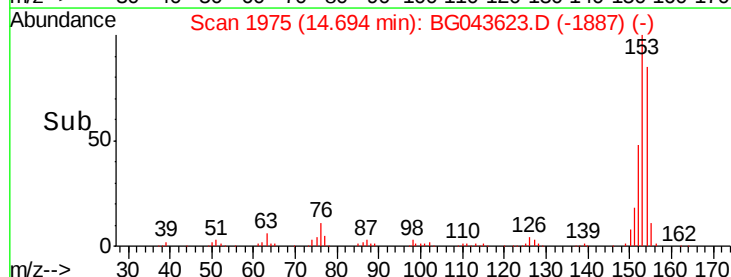
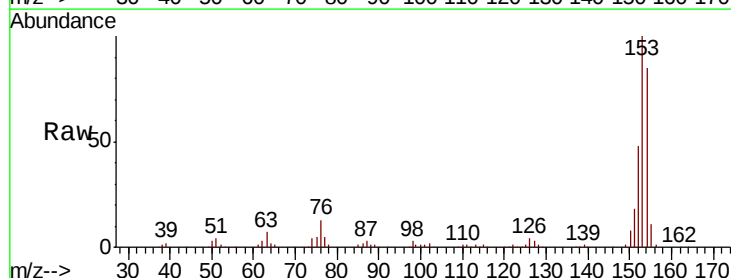
Instrument :
 BNA_G
 ClientSampled :

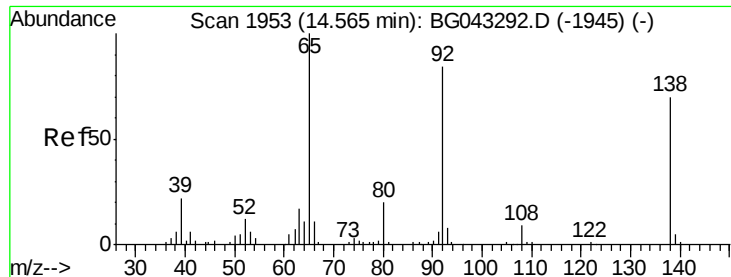
Tot Ion:165 Resp: 68418
 Ion Ratio Lower Upper
 165 100
 63 53.1 46.6 69.8
 89 53.4 45.1 67.7



#52
 Acenaphthene
 Concen: 39.479 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion:154 Resp: 217261
 Ion Ratio Lower Upper
 154 100
 153 117.2 88.2 132.2
 152 55.8 40.0 60.0

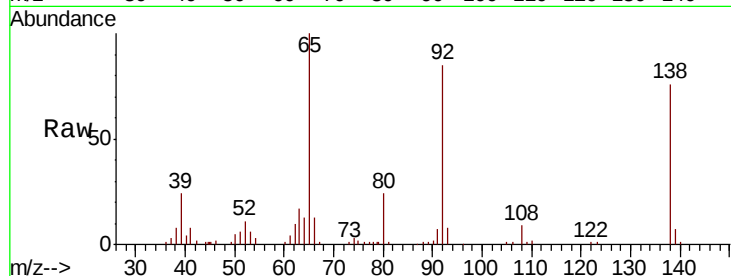




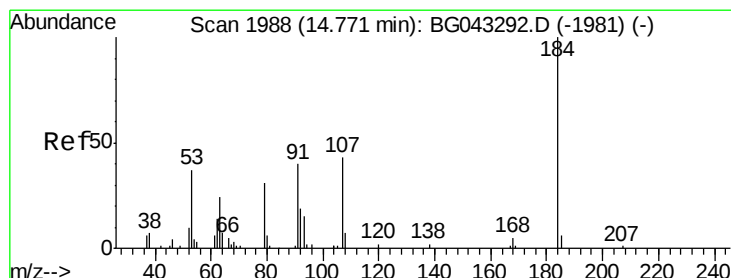
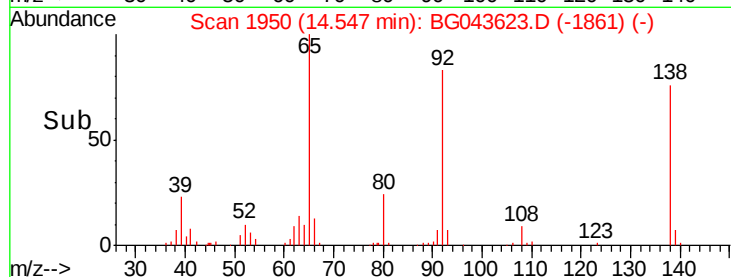
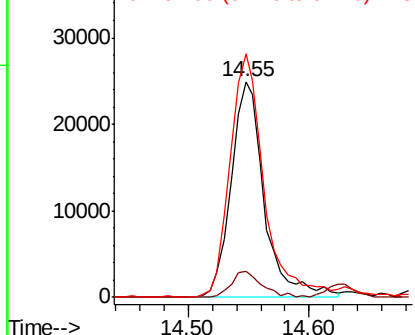
#53
3-Nitroaniline
Concen: 29.171 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 47474
Ion Ratio Lower Upper
138 100
108 12.2 8.0 12.0#
92 112.9 90.9 136.3

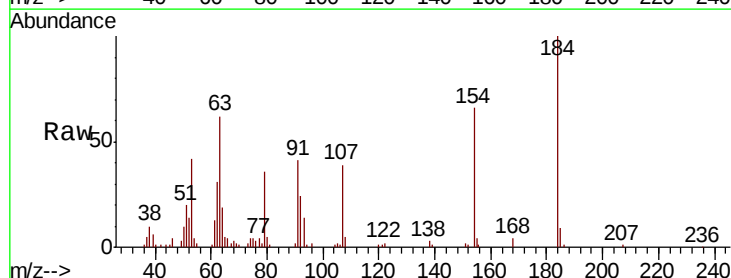


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

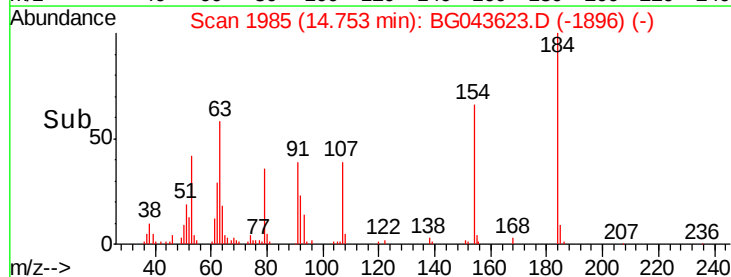
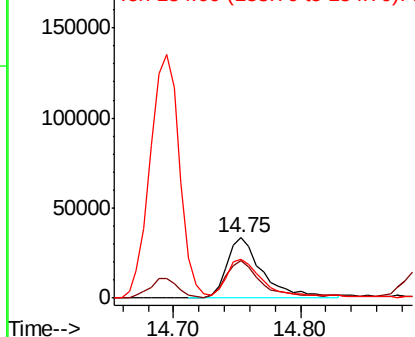


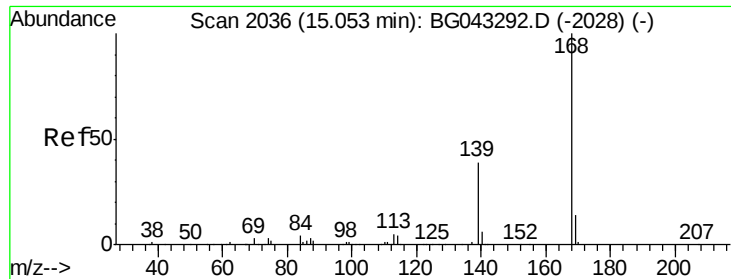
#54
2,4-Dinitrophenol
Concen: 64.110 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion:184 Resp: 65807
Ion Ratio Lower Upper
184 100
63 62.4 51.3 76.9
154 65.6 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

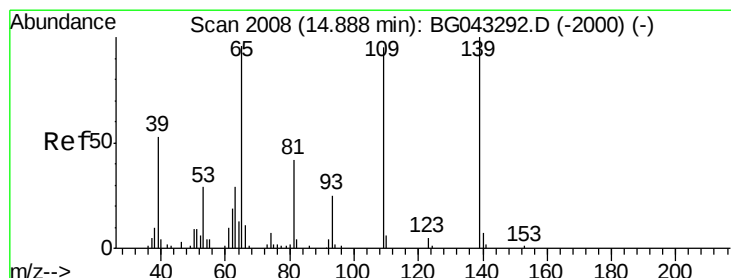
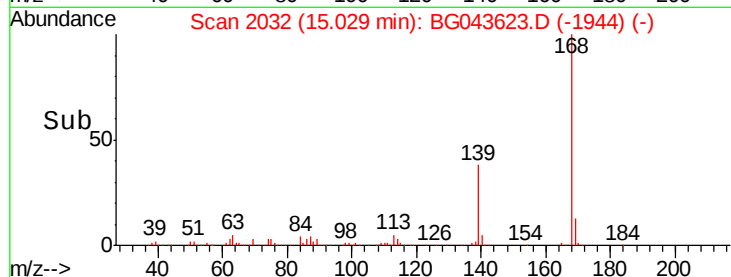
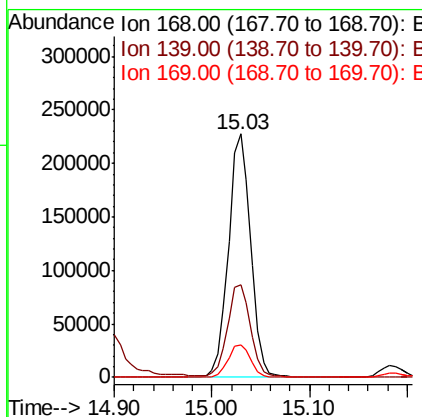
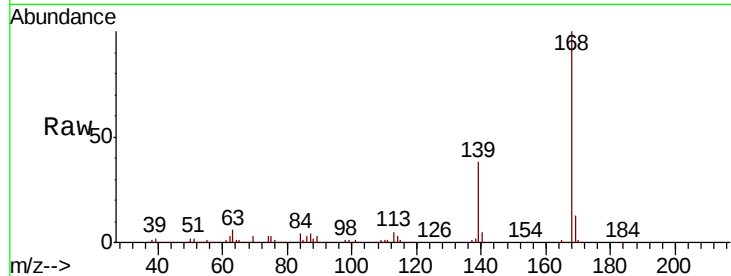




#55
Dibenzofuran
Concen: 40.242 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

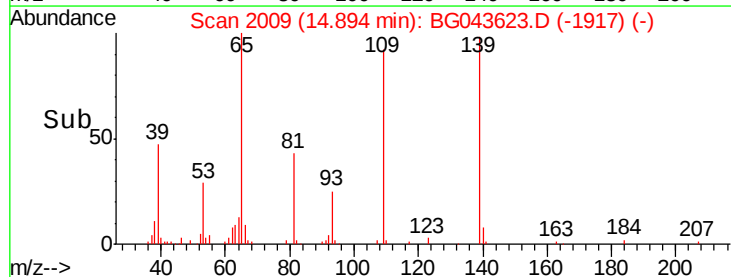
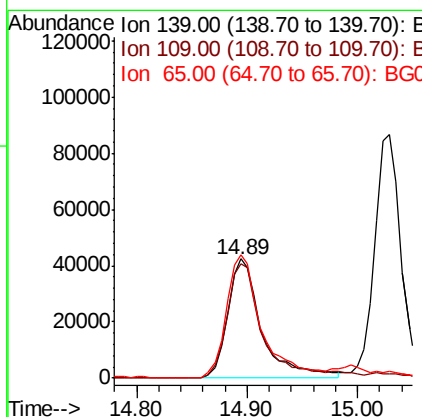
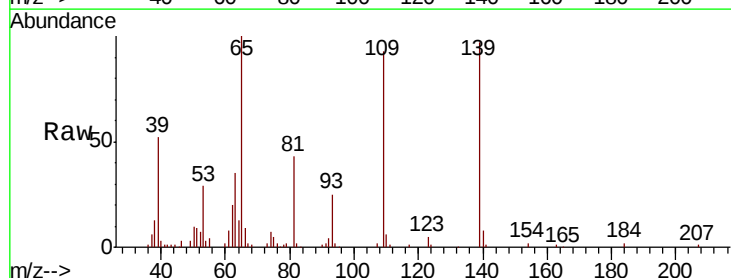
Instrument :
BNA_G
ClientSampleId :

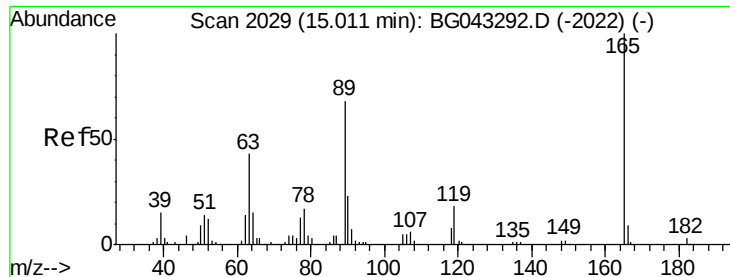
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	31.0	46.6
169	13.3	11.7	17.5



#56
4-Nitrophenol
Concen: 84.530 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.9	87.2	127.2
65	102.8	83.8	123.8

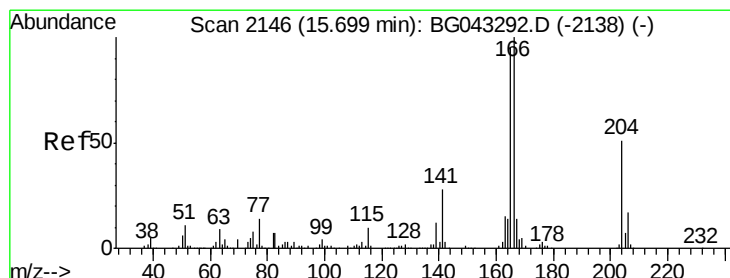
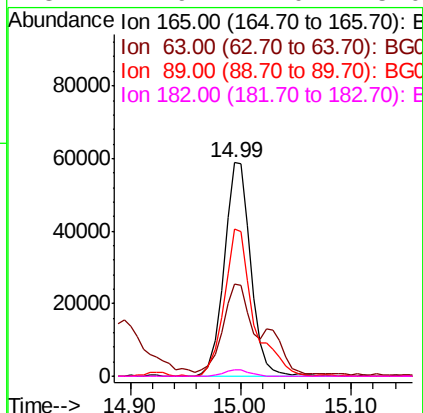
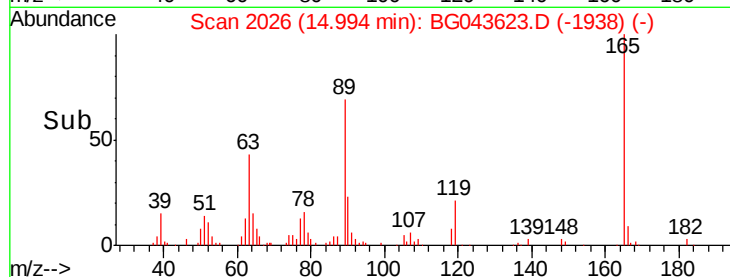
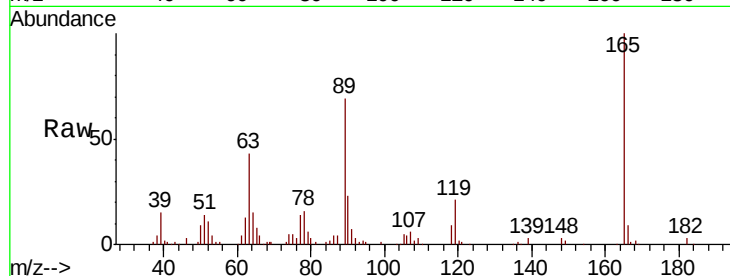




#57
2,4-Dinitrotoluene
Concen: 40.785 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

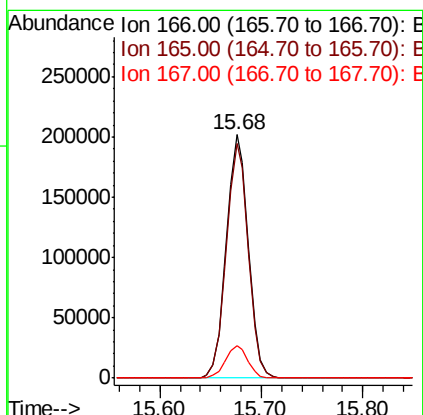
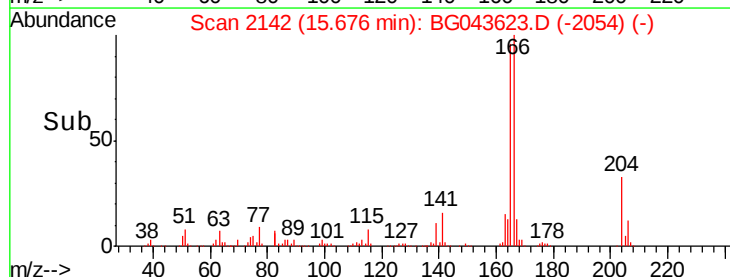
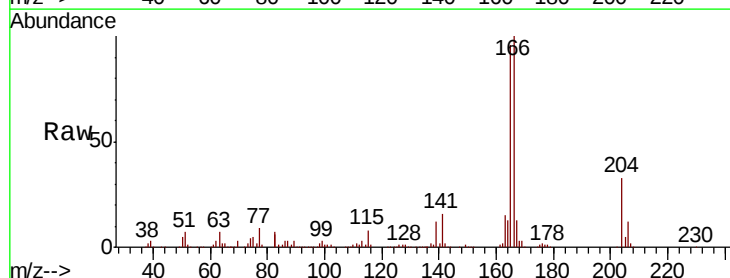
Instrument :
BNA_G
ClientSampleId :

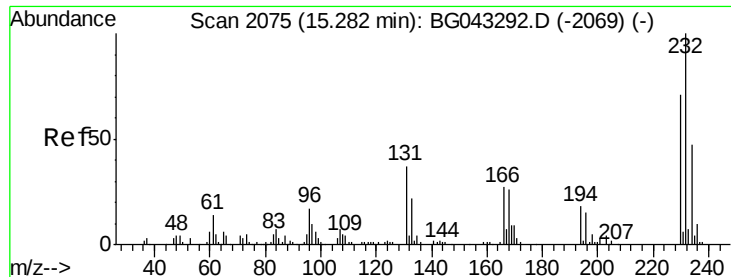
Tot Ion:165	Resp:	98251
Ion Ratio	Lower	Upper
165	100	
63	43.2	33.2 49.8
89	68.9	52.2 78.4
182	2.9	2.0 3.0



#58
Fluorene
Concen: 40.585 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion:166	Resp:	303786
Ion Ratio	Lower	Upper
166	100	
165	96.2	79.0 118.6
167	13.2	10.5 15.7

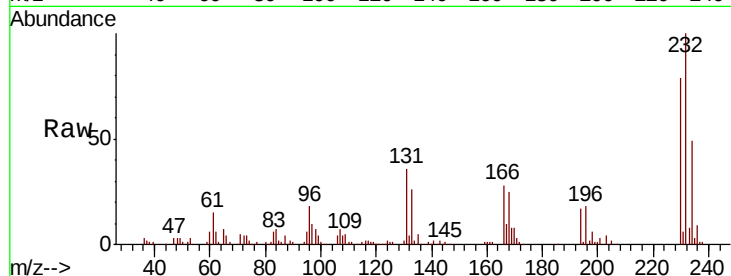




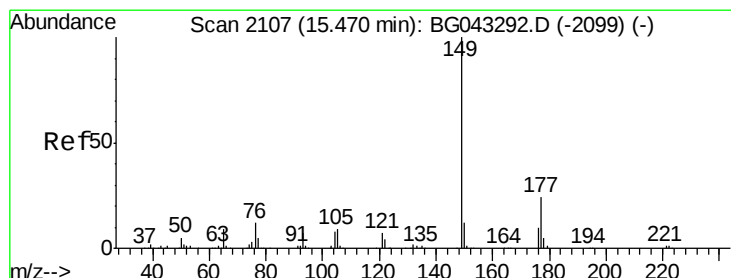
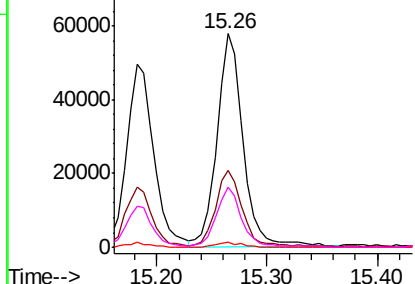
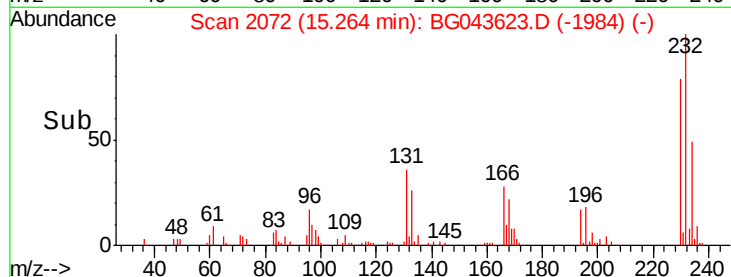
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.973 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	93740
Ion Ratio	Lower	Upper
232	100	
131	35.8	26.9 40.3
130	2.3	1.8 2.6
166	26.2	20.9 31.3

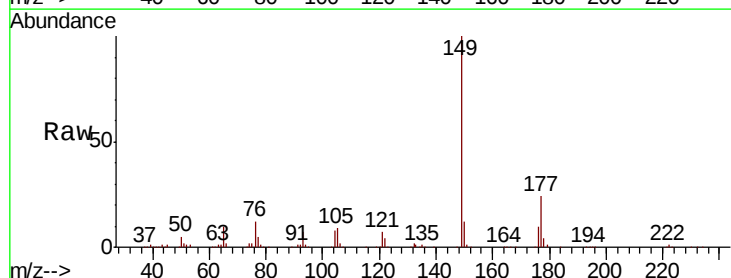


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

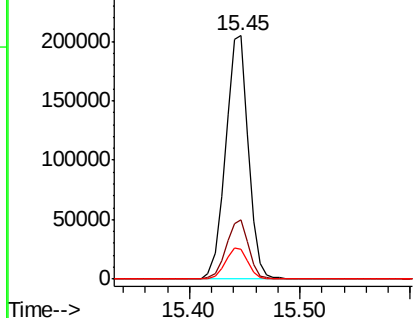
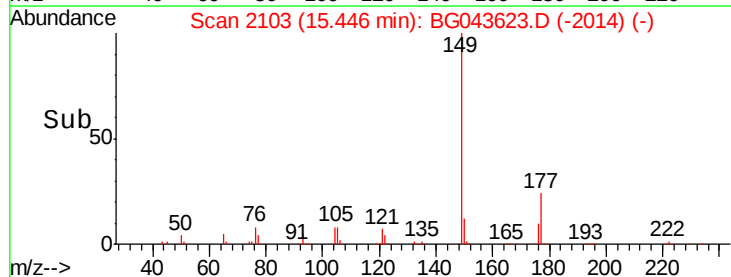


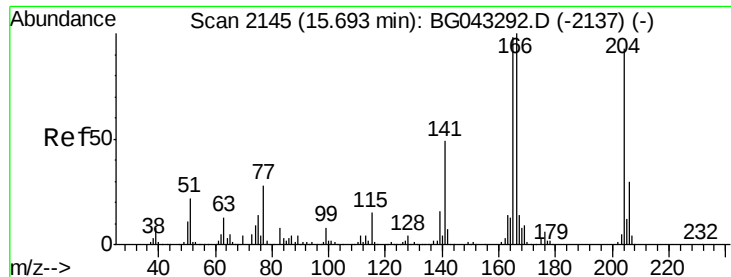
#60
 Diethylphthalate
 Concen: 37.644 ng
 RT: 15.45 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion:149	Resp:	293478
Ion Ratio	Lower	Upper
149	100	
177	24.2	19.6 29.4
150	12.1	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

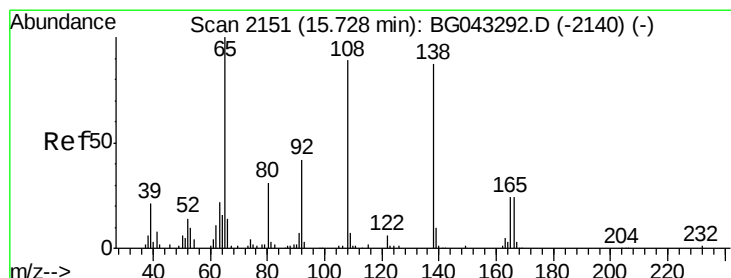
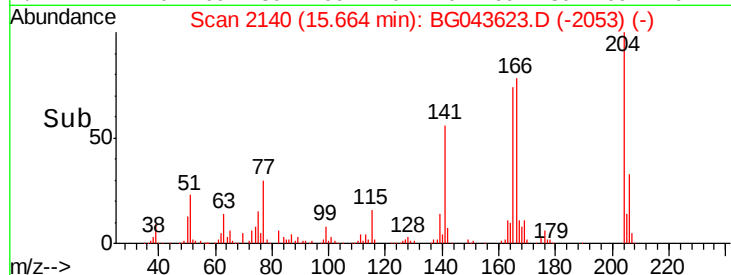
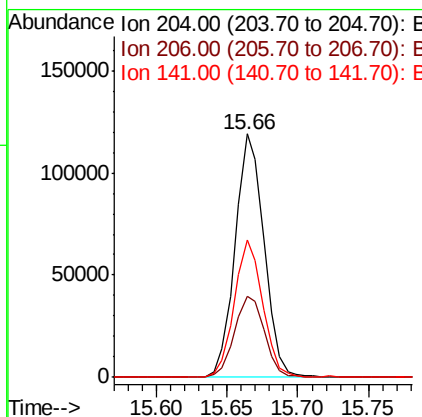
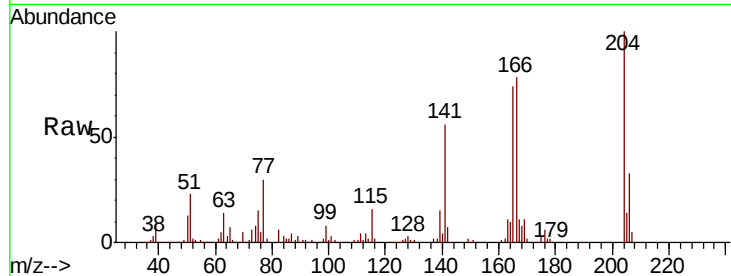




#61
4-Chlorophenyl-phenylether
Concen: 39.050 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

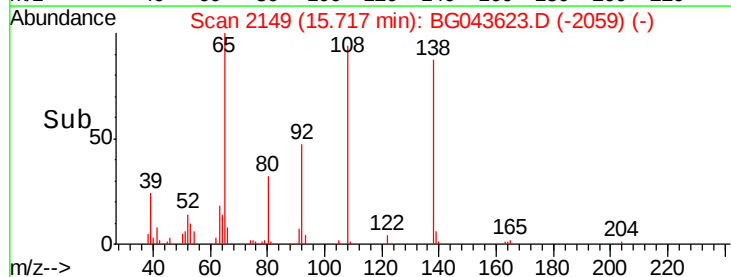
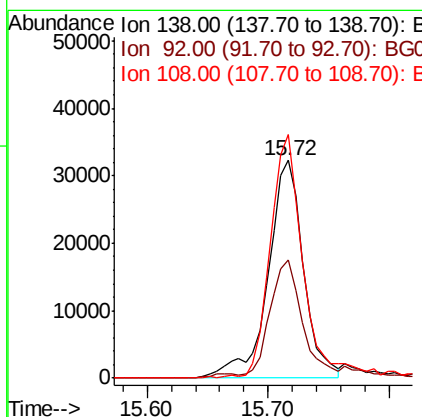
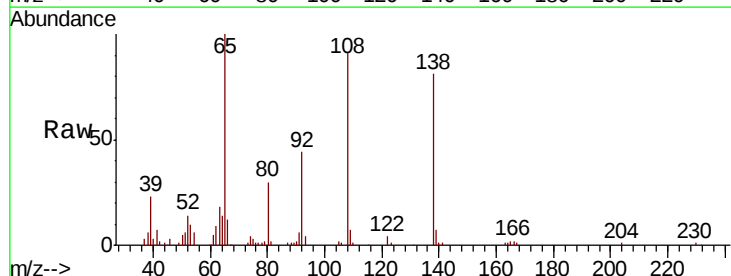
Instrument :
BNA_G
ClientSampleId :

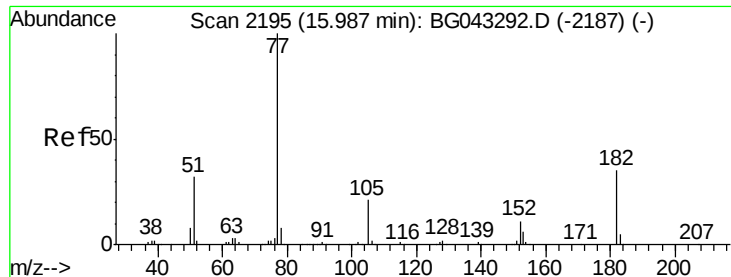
Tot Ion:204 Resp: 170515
Ion Ratio Lower Upper
204 100
206 33.3 28.4 42.6
141 56.5 43.0 64.6



#62
4-Nitroaniline
Concen: 38.824 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion:138 Resp: 65254
Ion Ratio Lower Upper
138 100
92 54.1 33.4 73.4
108 111.9 78.0 118.0





#63

Azobenzene

Concen: 39.244 ng

RT: 15.96 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 247612

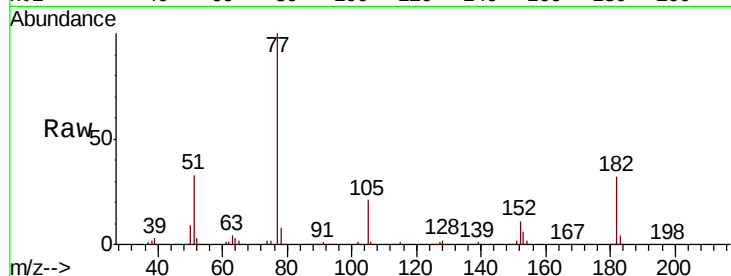
Ion Ratio Lower Upper

77 100

182 32.0 13.7 53.7

105 20.6 0.4 40.4

51 33.5 11.0 51.0

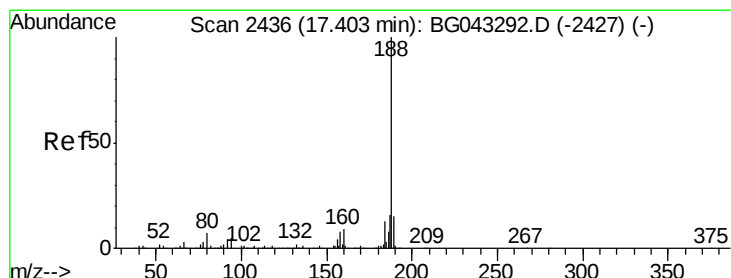
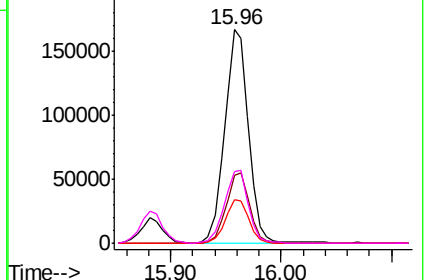
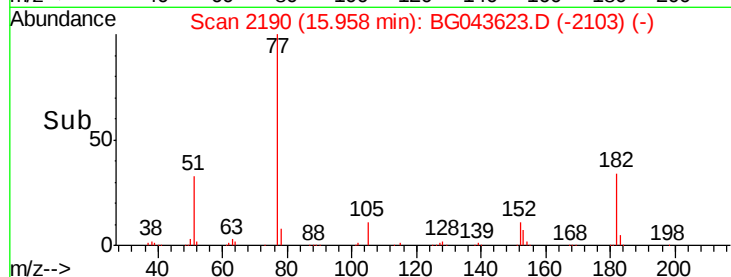


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2431

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

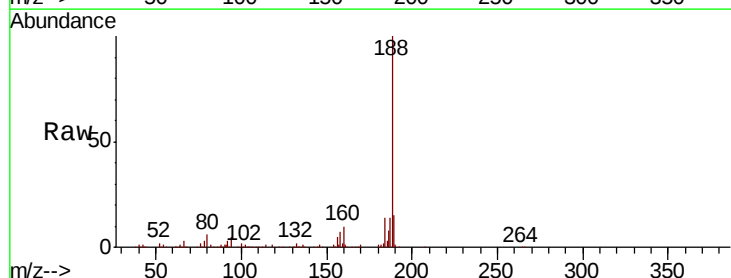
Tgt Ion: 188 Resp: 233458

Ion Ratio Lower Upper

188 100

94 5.1 4.2 6.4

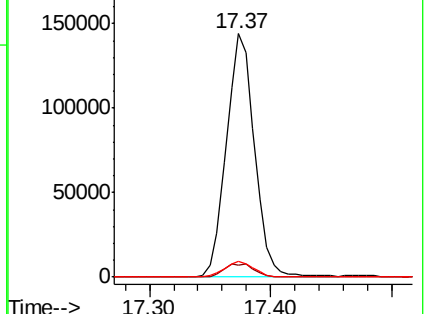
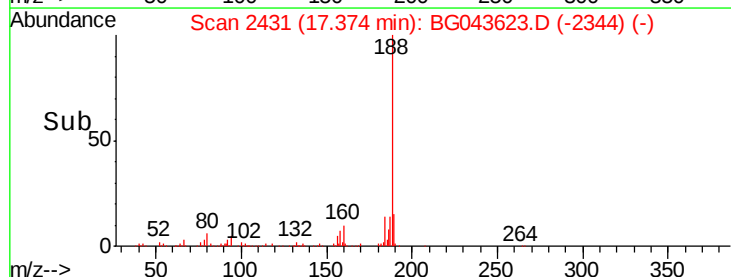
80 6.4 4.5 6.7

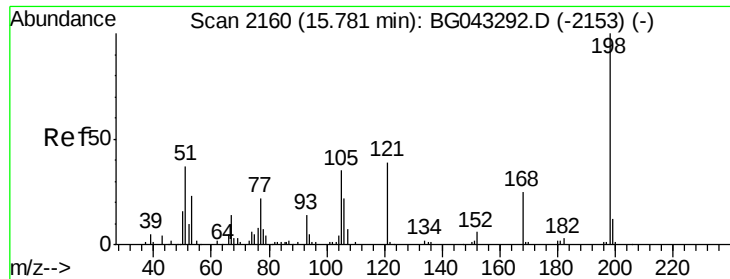


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

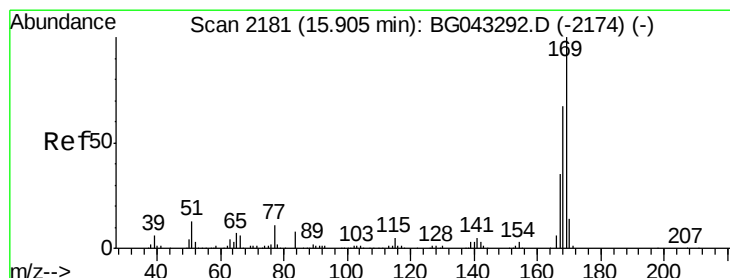
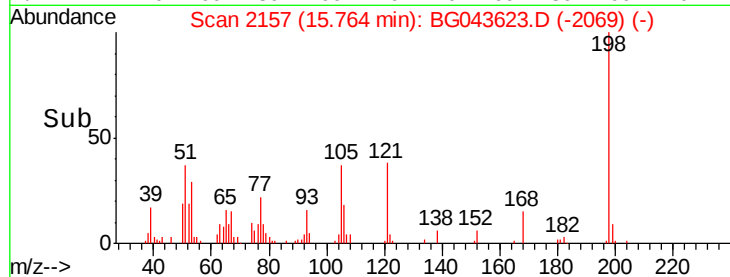
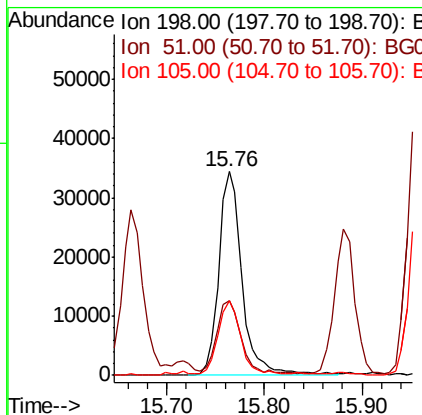
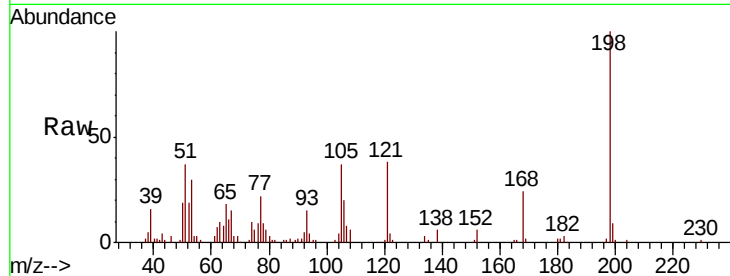




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.562 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

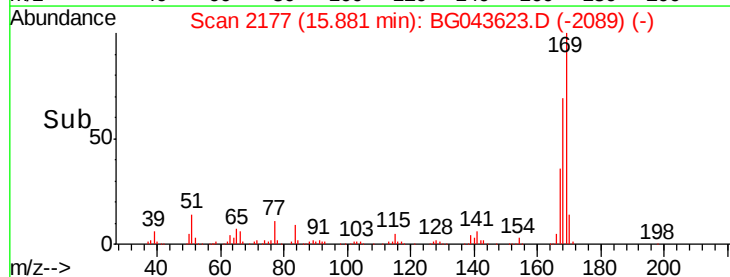
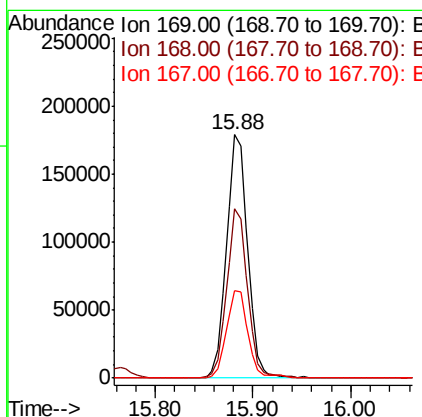
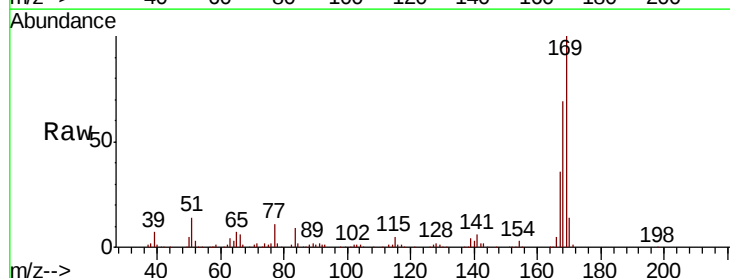
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 57102
 Ion Ratio Lower Upper
 198 100
 51 36.6 13.2 53.2
 105 36.6 15.8 55.8



#66
 n-Nitrosodiphenylamine
 Concen: 40.628 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion:169 Resp: 267787
 Ion Ratio Lower Upper
 169 100
 168 69.5 53.8 80.6
 167 36.1 27.5 41.3

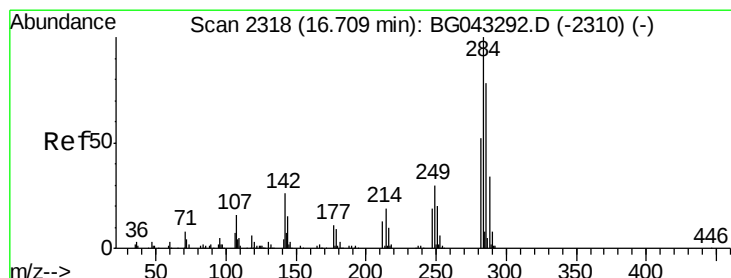
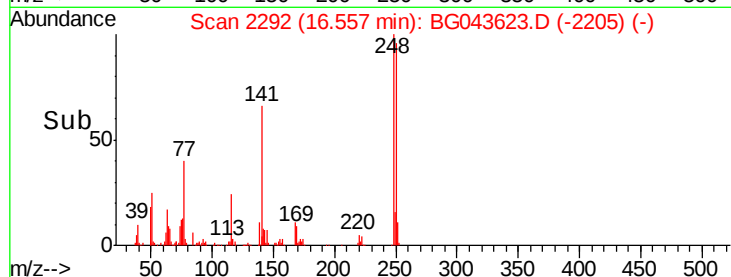
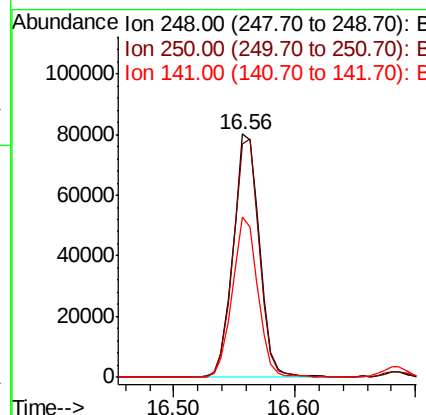
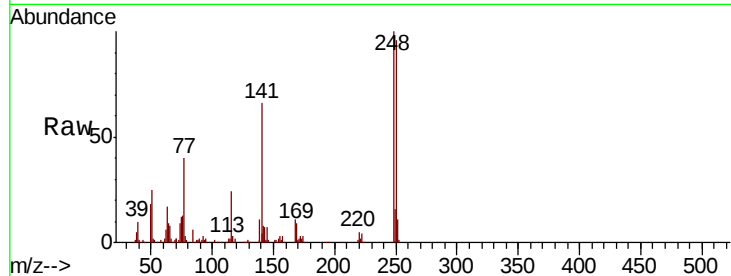




#67
4-Bromophenyl-phenylether
Concen: 38.579 ng
RT: 16.56 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

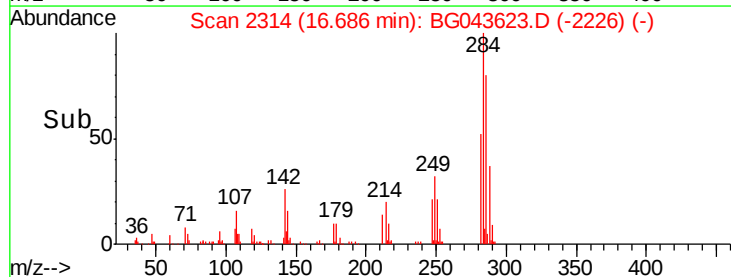
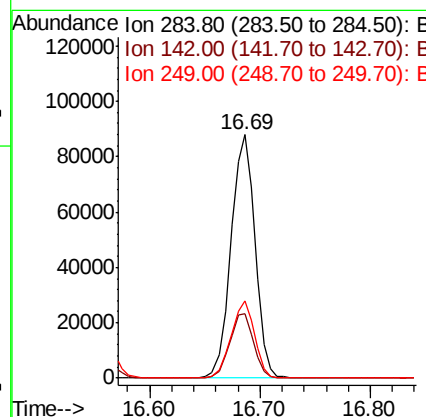
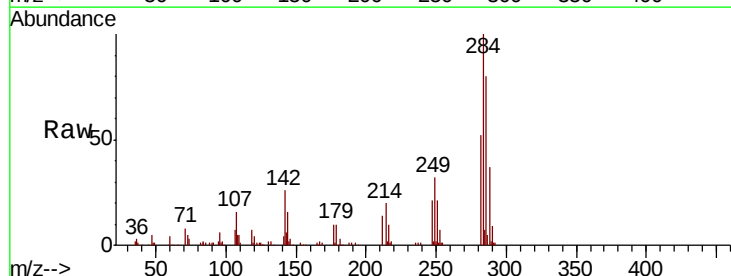
Instrument :
BNA_G
ClientSampled :

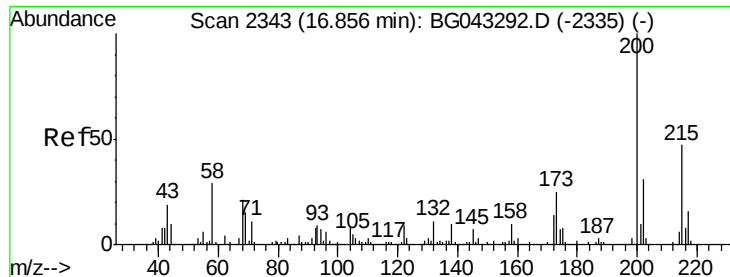
Tot Ion:248 Resp: 121208
Ion Ratio Lower Upper
248 100
250 95.8 77.0 115.4
141 65.8 47.5 71.3



#68
Hexachlorobenzene
Concen: 37.137 ng
RT: 16.69 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion:284 Resp: 133930
Ion Ratio Lower Upper
284 100
142 26.3 19.8 29.8
249 32.0 23.8 35.6

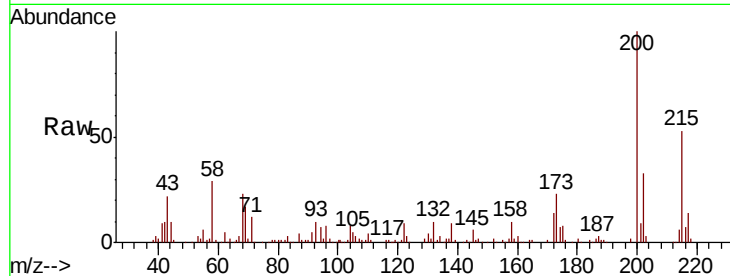




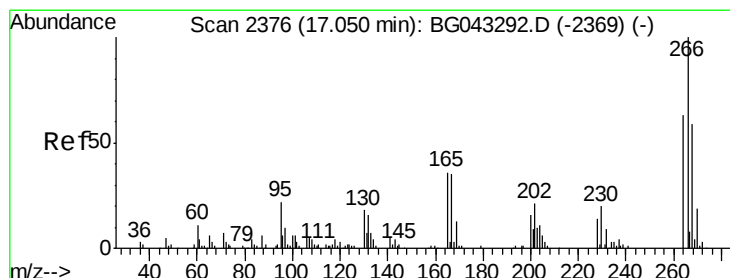
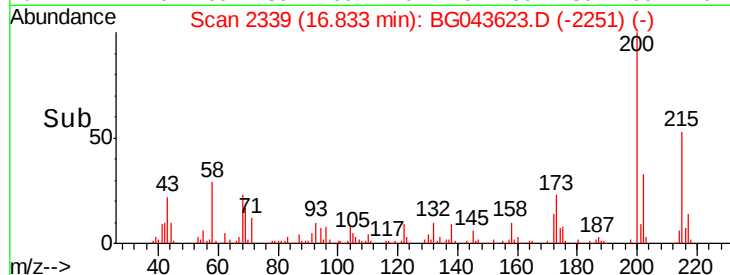
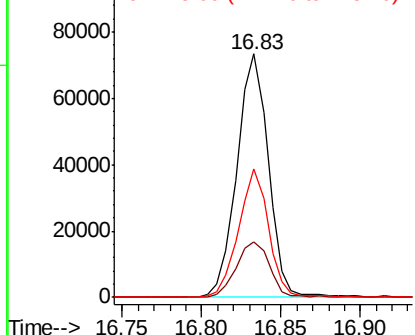
#69
 Atrazine
 Concen: 44.071 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:200 Resp: 100934
 Ion Ratio Lower Upper
 200 100
 173 22.6 4.7 44.7
 215 52.5 28.5 68.5

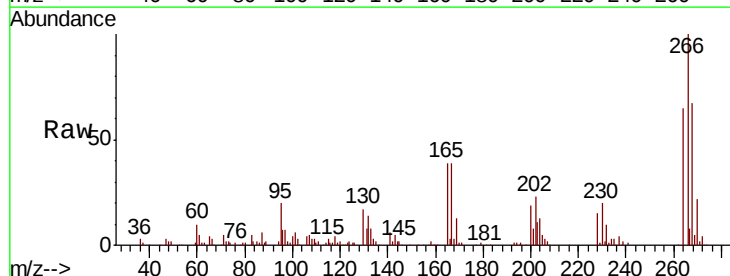


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

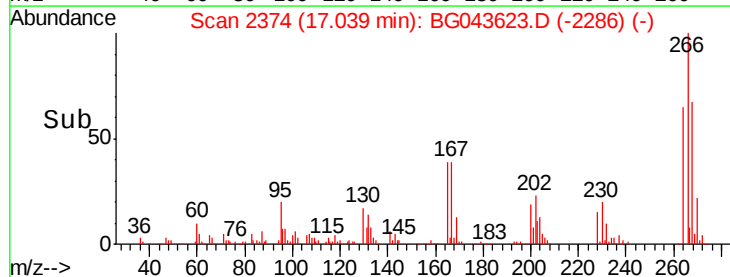
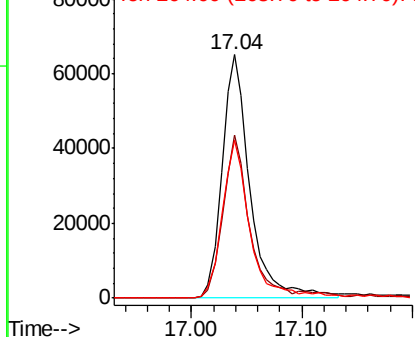


#70
 Pentachlorophenol
 Concen: 69.838 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion:266 Resp: 114765
 Ion Ratio Lower Upper
 266 100
 268 66.8 50.4 75.6
 264 64.6 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

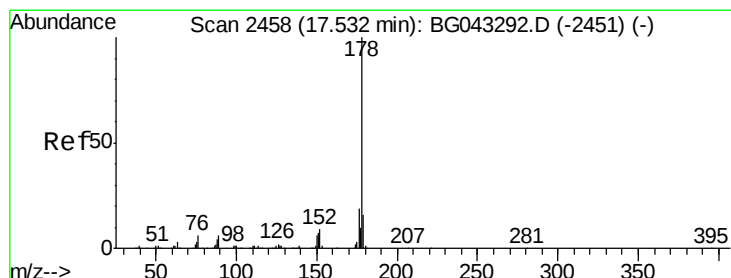
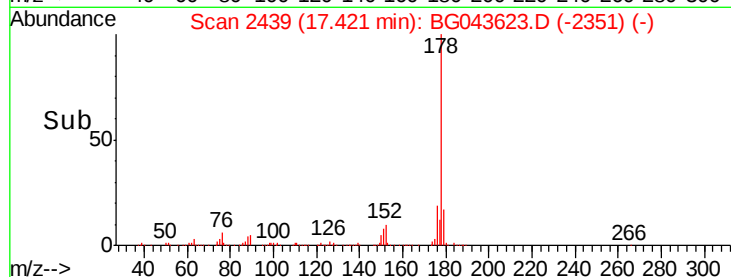
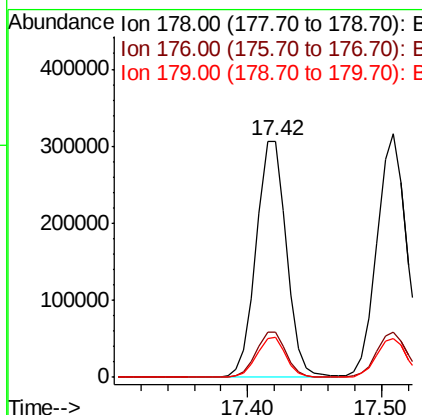
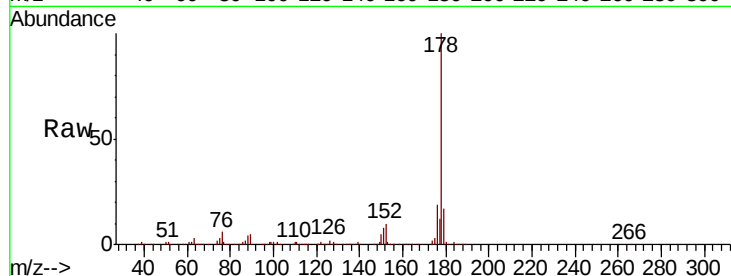




#71
Phenanthrene
Concen: 40.126 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

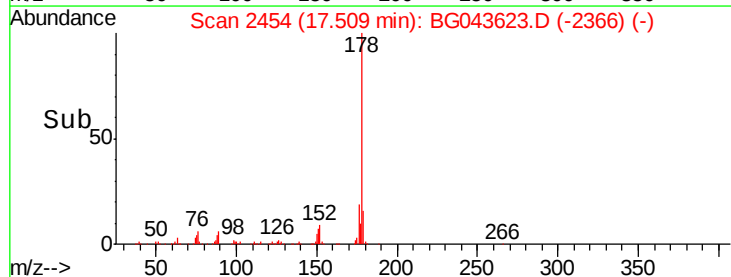
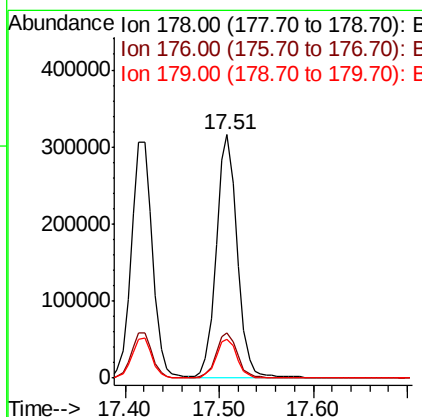
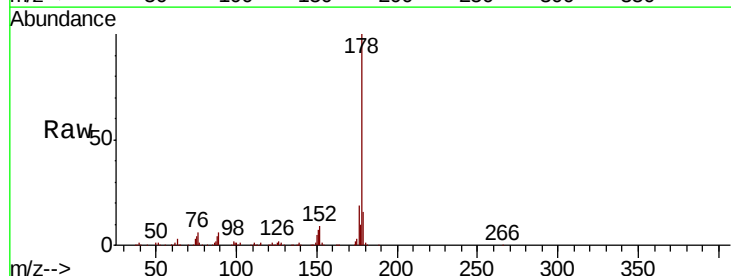
Instrument :
BNA_G
ClientSampleId :

Tot Ion	178	Resp	479700
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	16.8	13.0	19.6



#72
Anthracene
Concen: 41.126 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	178	Resp	491908
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	16.1	13.7	20.5

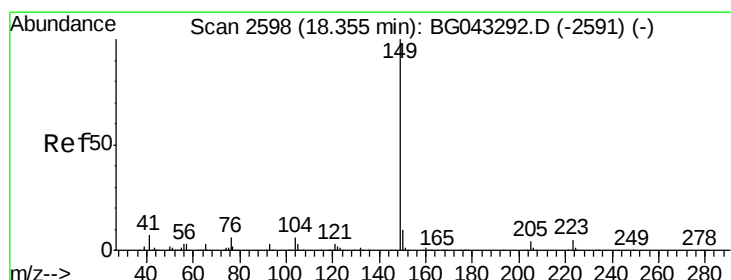
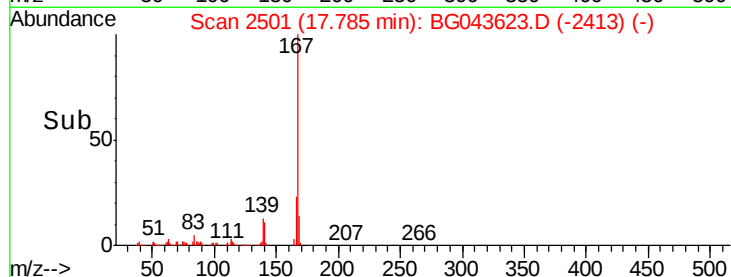
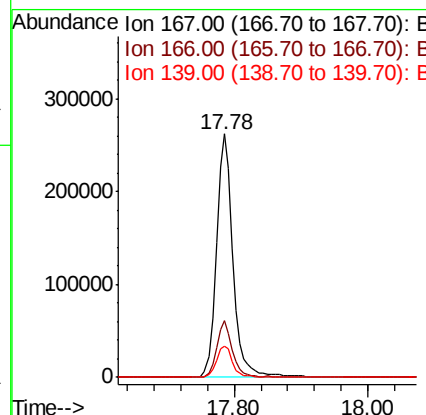
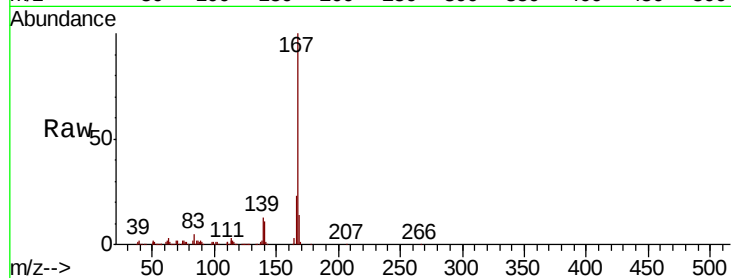




#73
 Carbazole
 Concen: 42.048 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

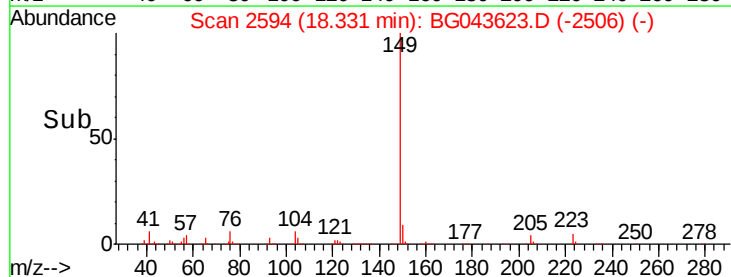
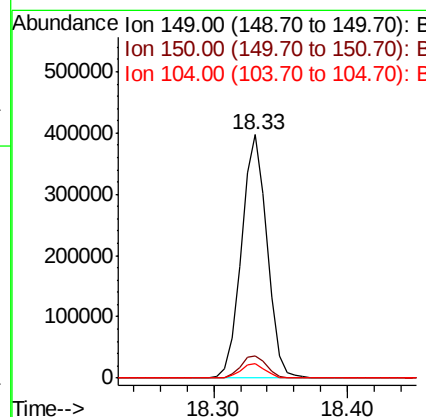
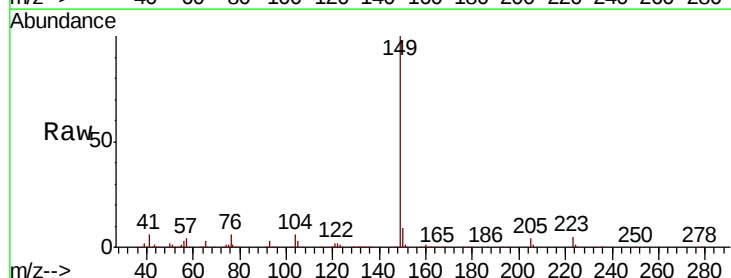
Instrument :
 BNA_G
 ClientSampleId :

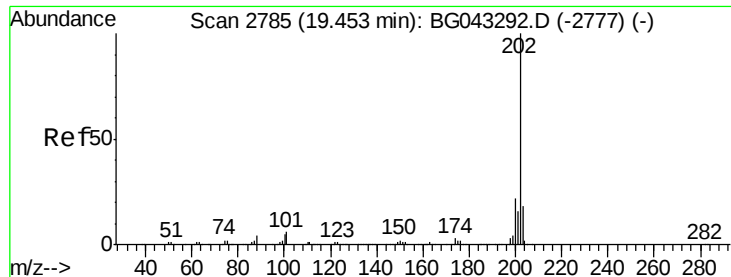
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.7	28.1
139	12.5	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 39.935 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.0	12.0
104	6.2	4.4	6.6





#75

Fluoranthene

Concen: 41.877 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampleId :

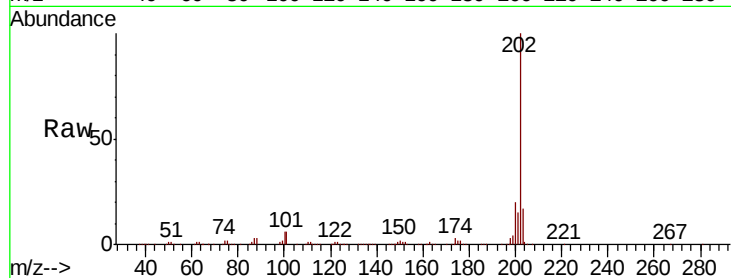
Tot Ion:202 Resp: 652667

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.3

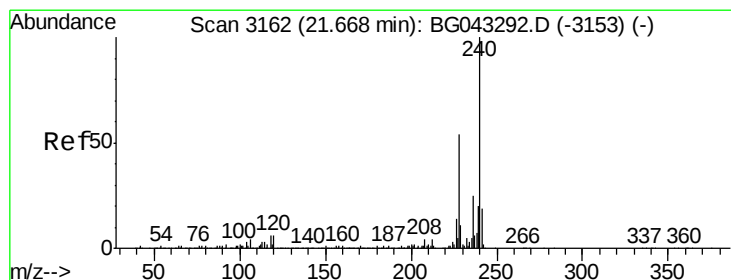
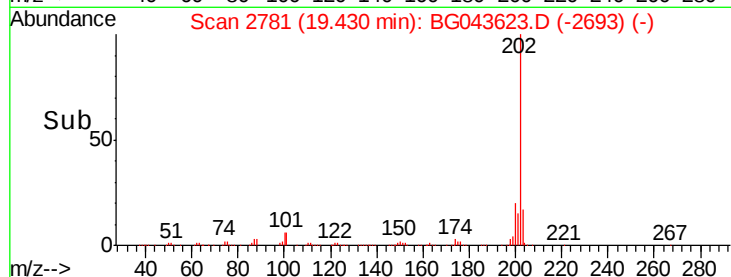
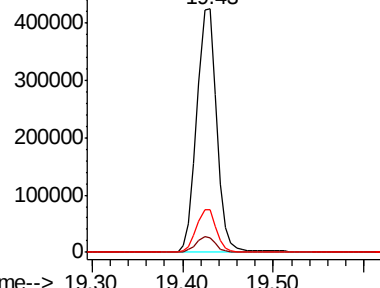
203 17.5 0.0 37.9



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: BG043623.D

Acq: 13 Nov 2019 21:56

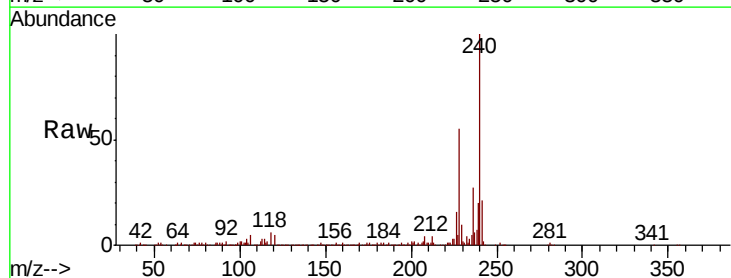
Tgt Ion:240 Resp: 277868

Ion Ratio Lower Upper

240 100

120 5.4 4.6 6.8

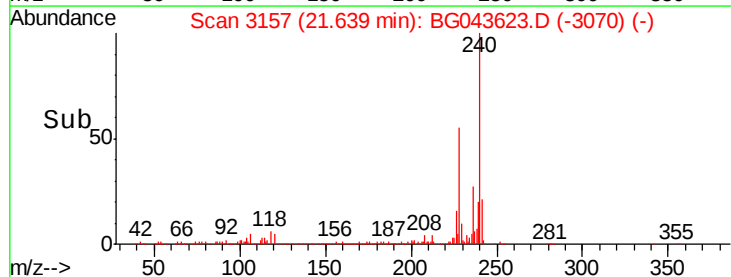
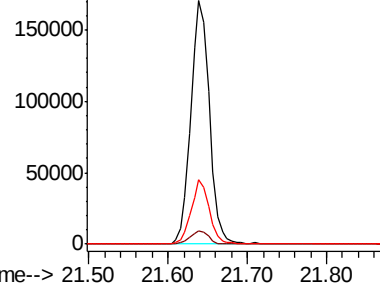
236 26.6 19.8 29.8

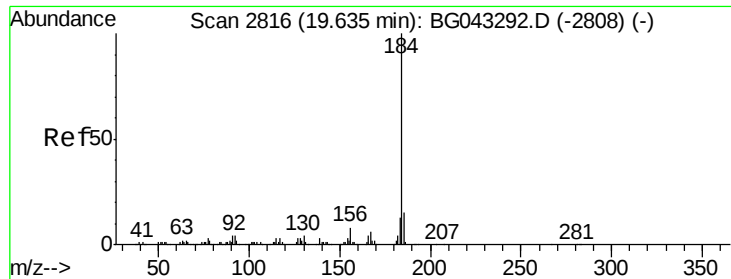


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.294 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampleId :

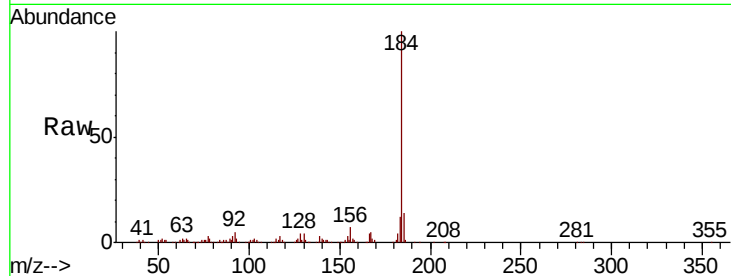
Tot Ion:184 Resp: 270070

Ion Ratio Lower Upper

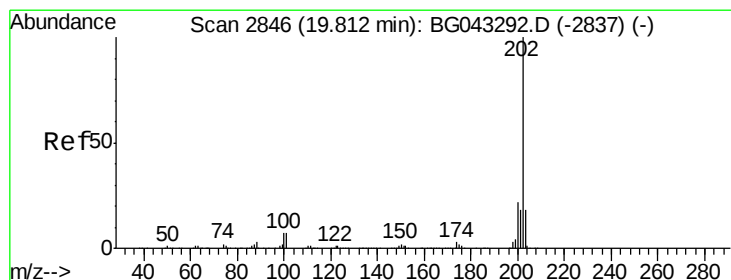
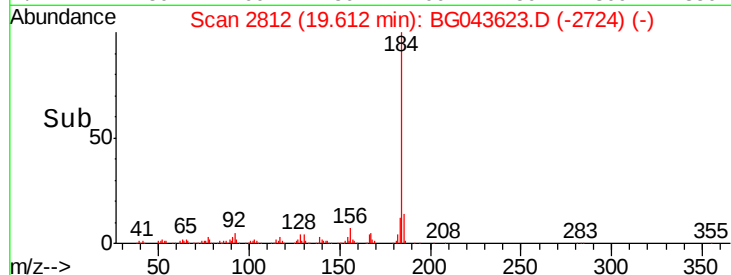
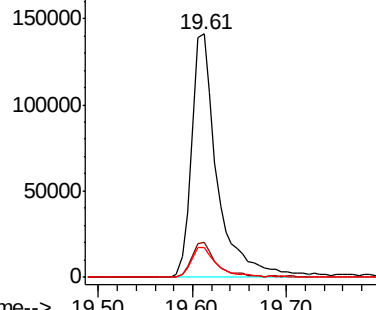
184 100

185 14.4 11.0 16.4

183 12.5 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: 38.268 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

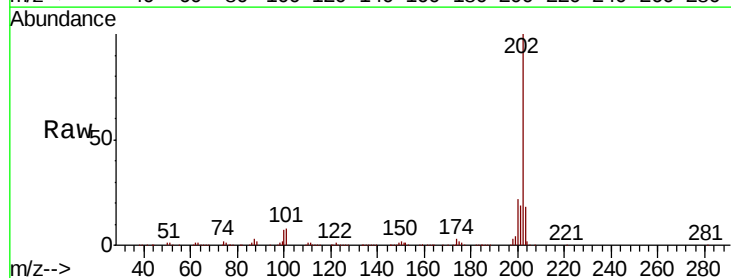
Tgt Ion:202 Resp: 658198

Ion Ratio Lower Upper

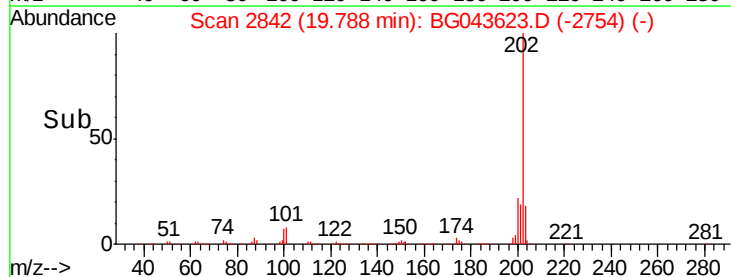
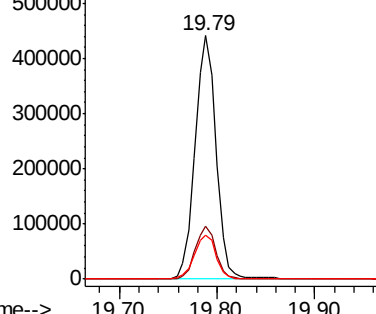
202 100

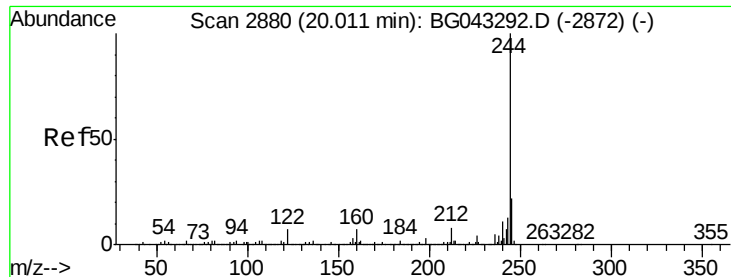
200 21.6 17.0 25.4

203 18.1 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: 64.763 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampleId :

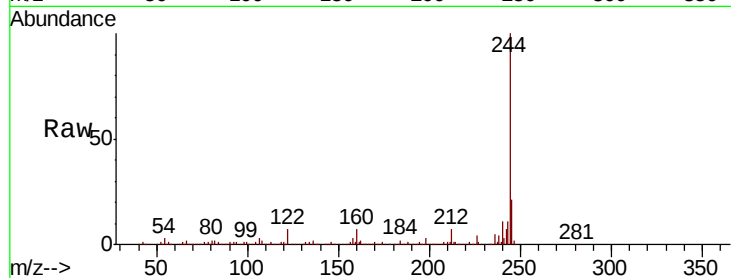
Tot Ion:244 Resp: 959217

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

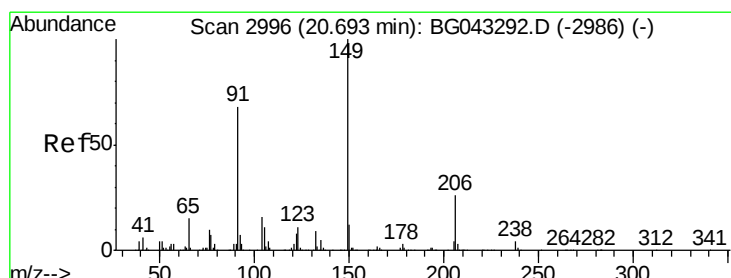
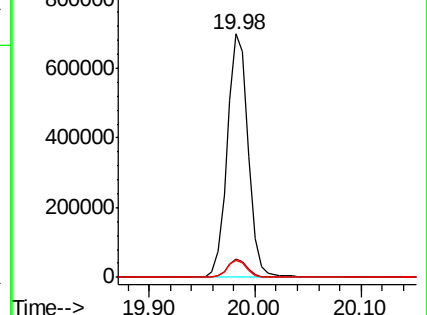
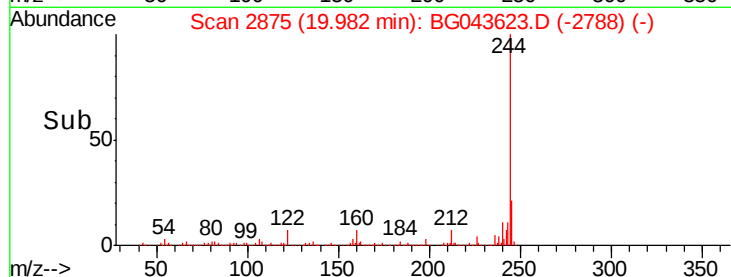
122 6.9 5.4 8.2



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



#80

Butylbenzylphthalate

Concen: 38.554 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

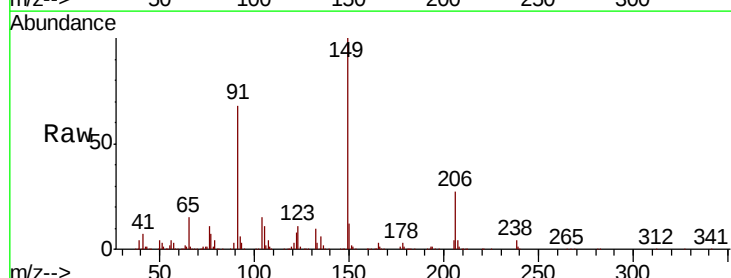
Tgt Ion:149 Resp: 251231

Ion Ratio Lower Upper

149 100

91 67.8 51.2 76.8

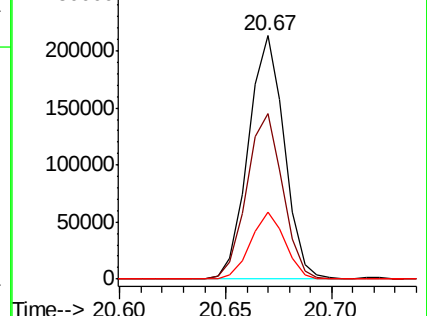
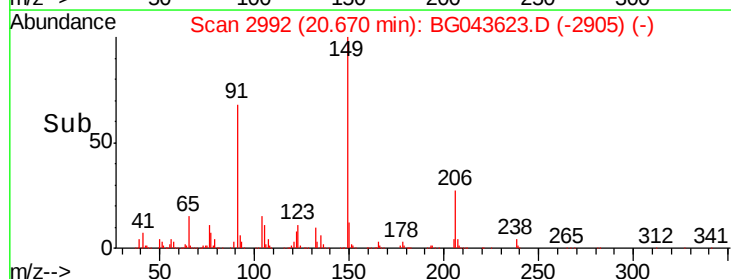
206 27.3 22.5 33.7

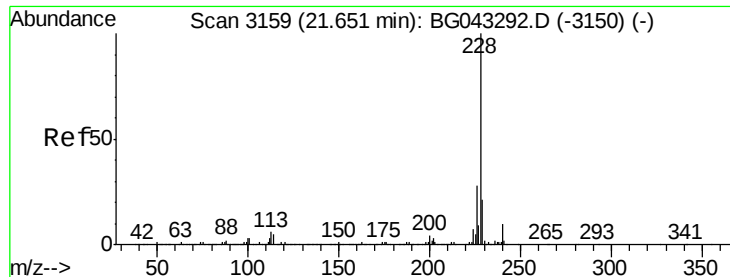


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.082 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampled :

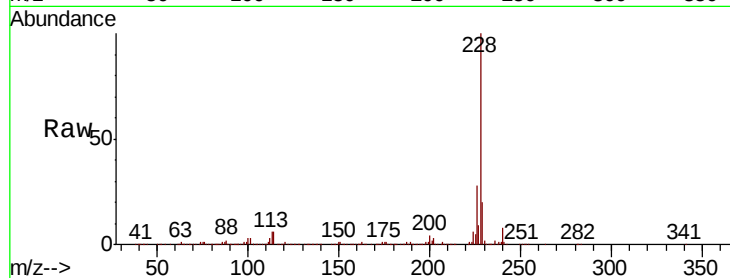
Tot Ion:228 Resp: 680241

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.2

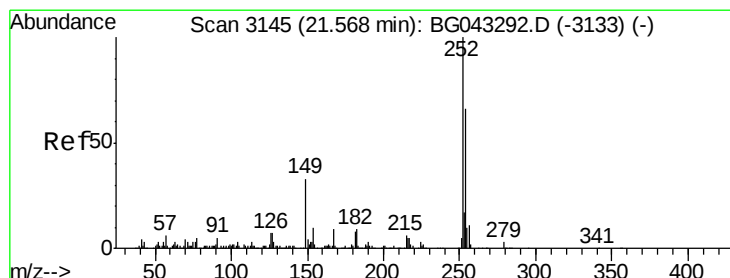
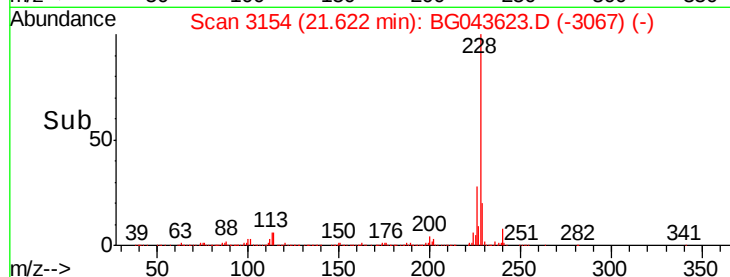
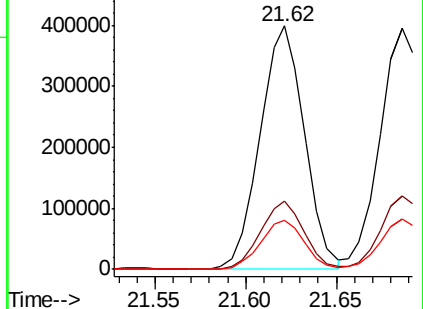
229 20.3 17.0 25.4



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: 33.258 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

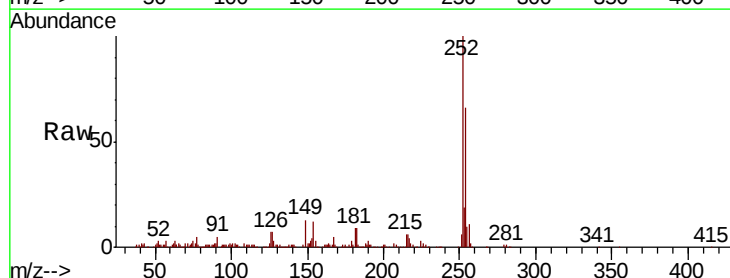
Tgt Ion:252 Resp: 223896

Ion Ratio Lower Upper

252 100

254 65.9 50.8 76.2

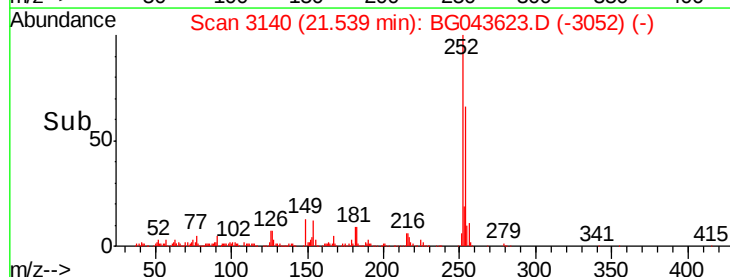
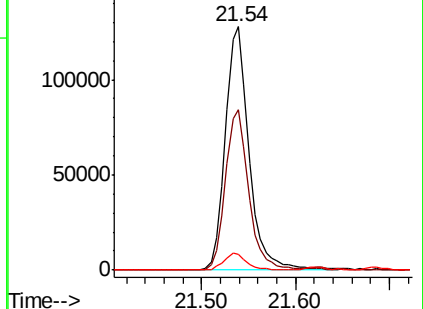
126 6.6 6.1 9.1



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

Chrvsene

Concen: 38.904 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampleId :

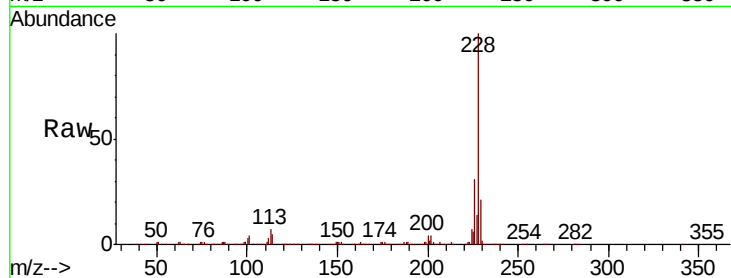
Tot Ion:228 Resp: 672789

Ion Ratio Lower Upper

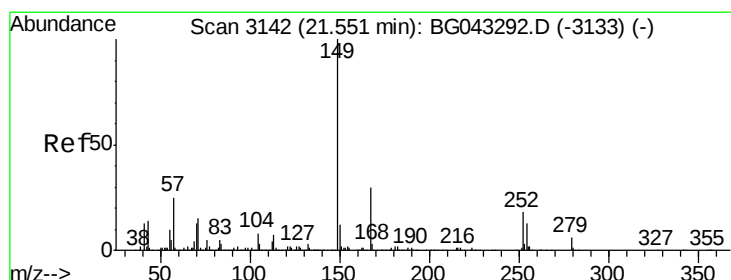
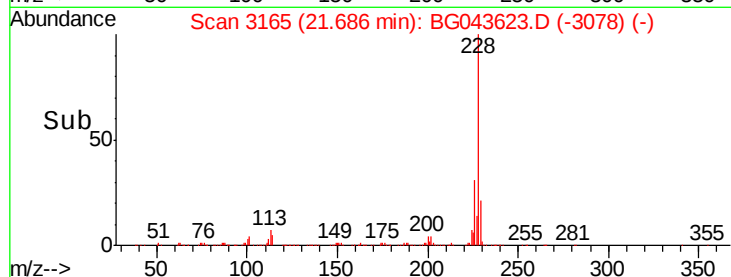
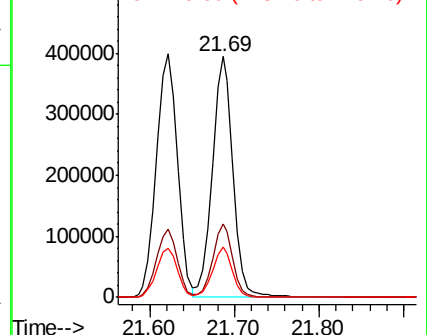
228 100

226 30.7 25.1 37.7

229 21.0 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: 39.755 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

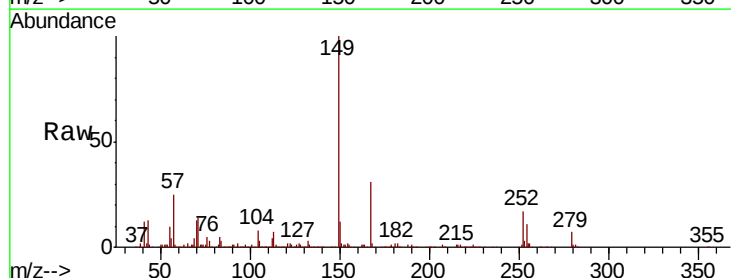
Tgt Ion:149 Resp: 367992

Ion Ratio Lower Upper

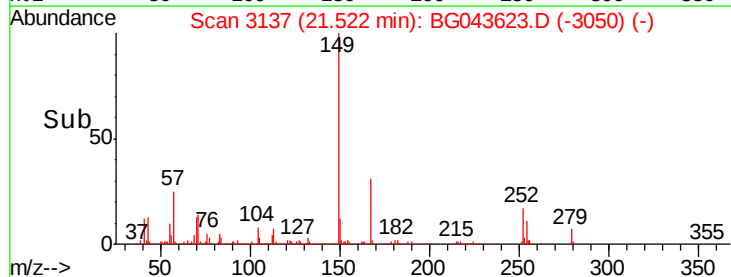
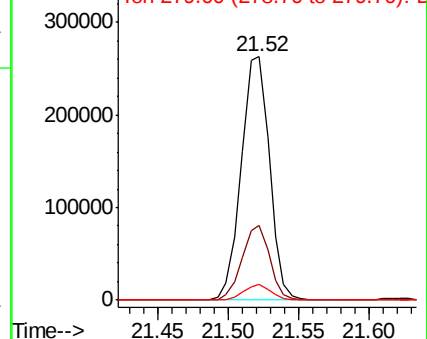
149 100

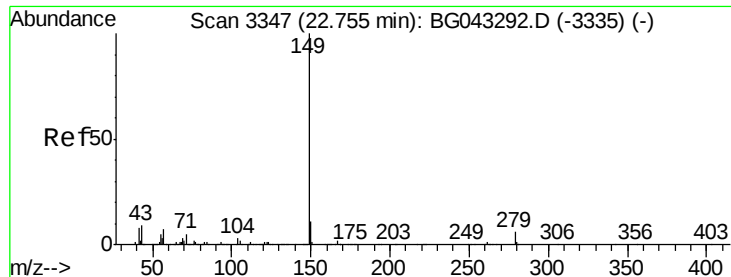
167 30.9 24.0 36.0

279 6.5 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: 40.499 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampleId :

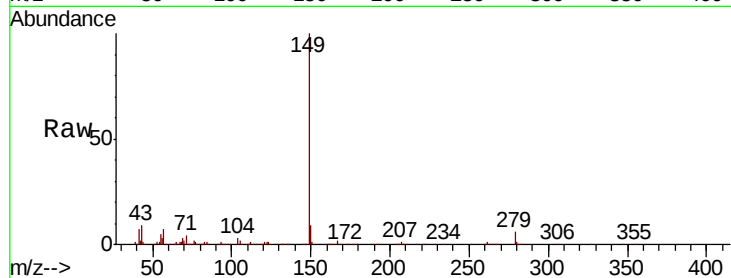
Tot Ion:149 Resp: 636013

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

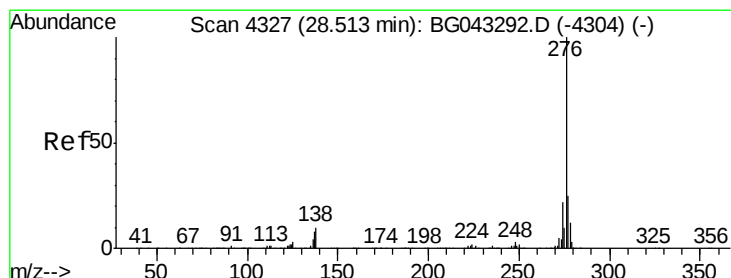
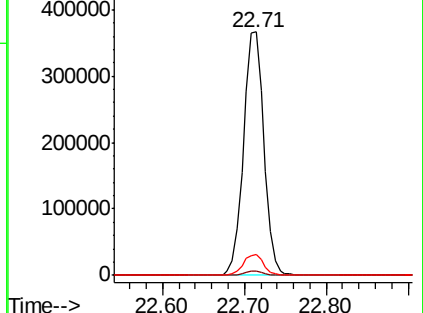
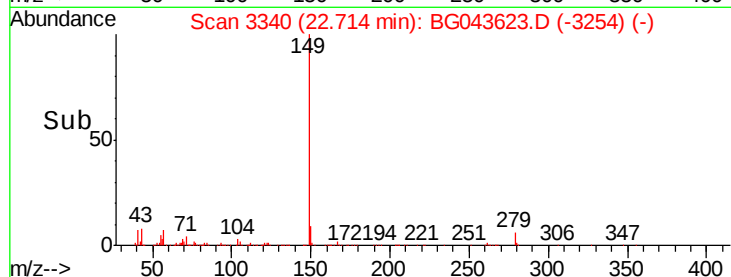
43 8.4 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.652 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.05 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

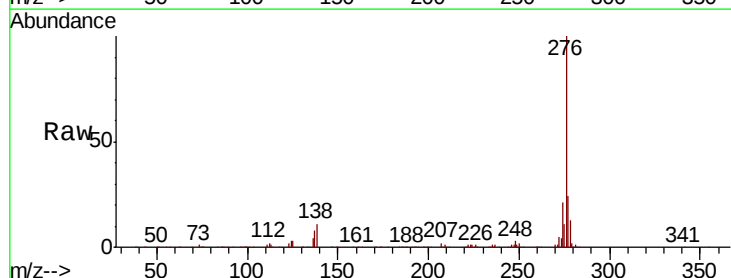
Tgt Ion:276 Resp: 882473

Ion Ratio Lower Upper

276 100

138 6.0 6.8 10.2#

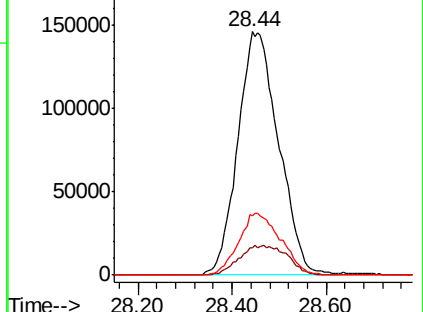
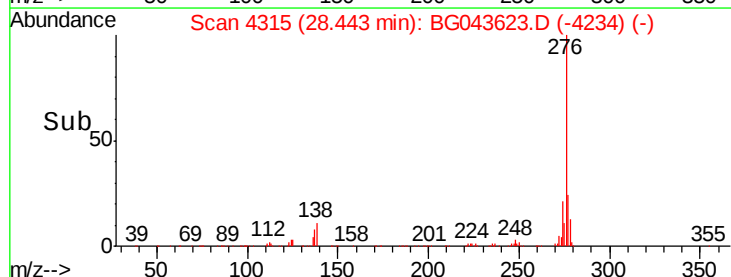
277 26.3 20.9 31.3

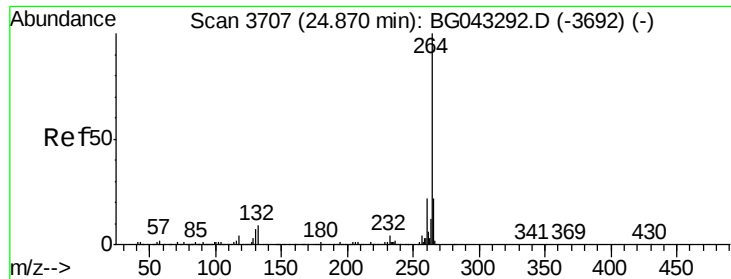


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampled :

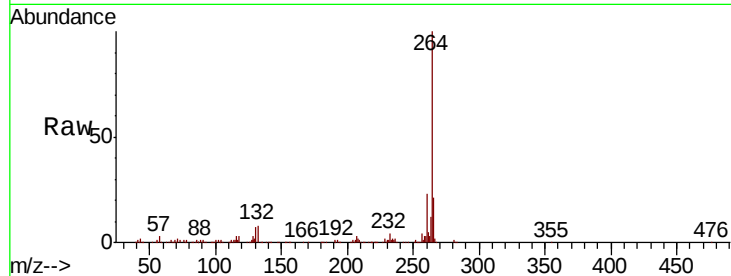
Tot Ion:264 Resp: 314866

Ion Ratio Lower Upper

264 100

260 22.7 17.5 26.3

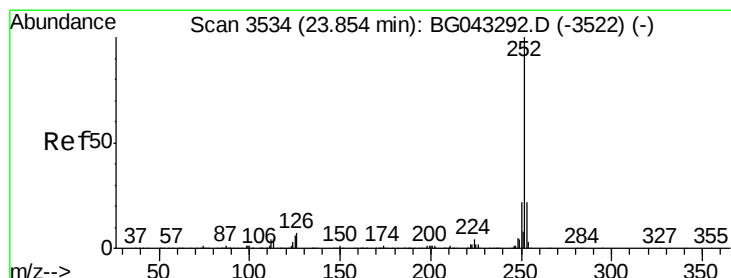
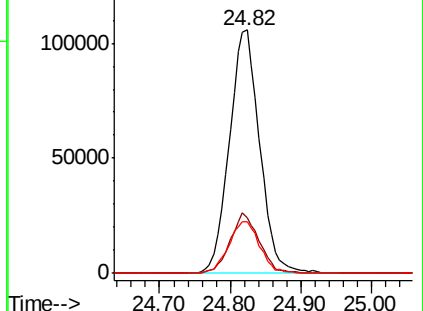
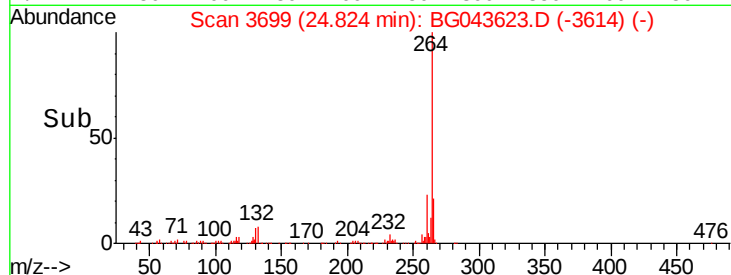
265 21.3 17.4 26.0



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: 42.506 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

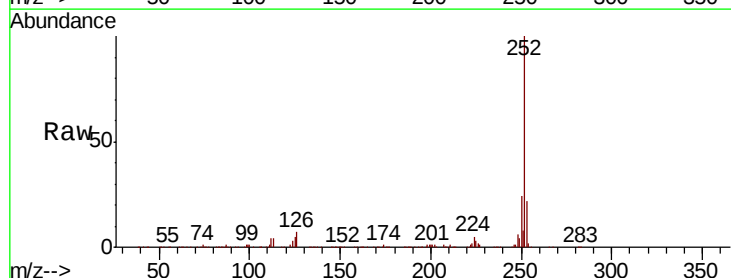
Tgt Ion:252 Resp: 758004

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

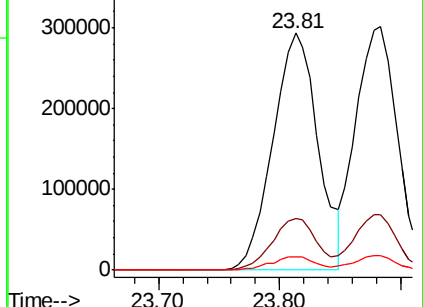
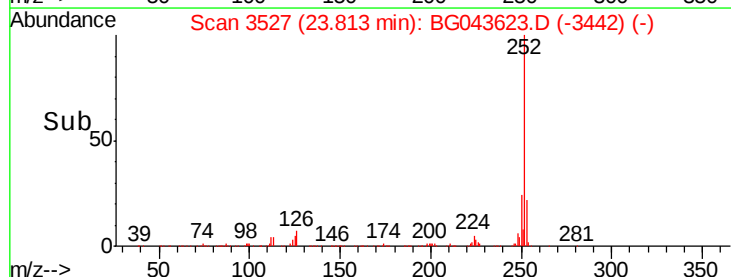
125 5.3 4.5 6.7

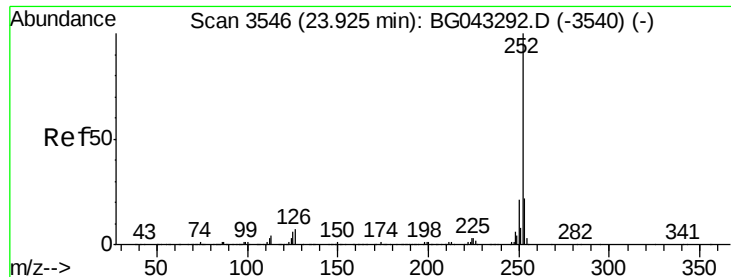


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

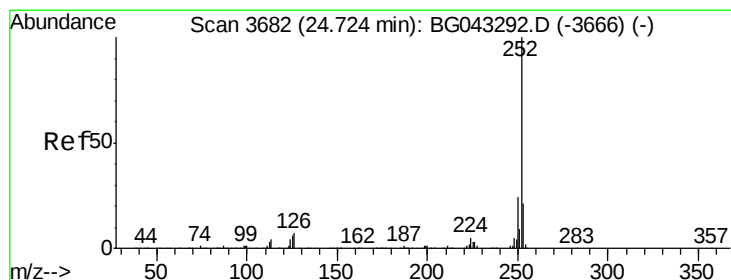
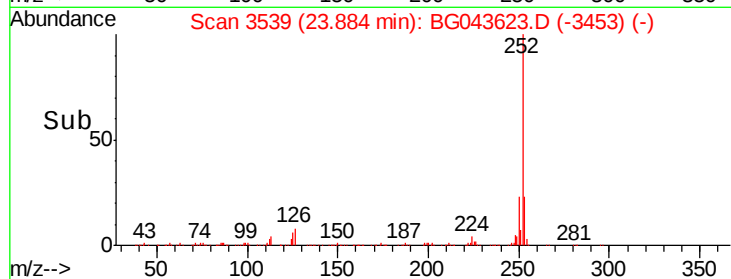
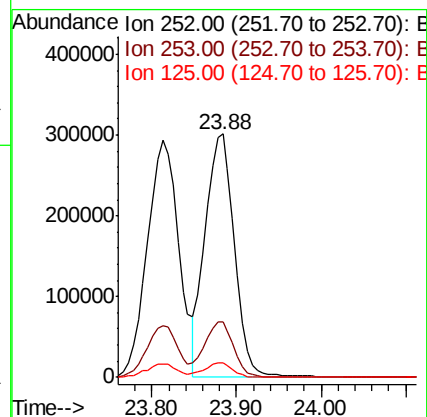
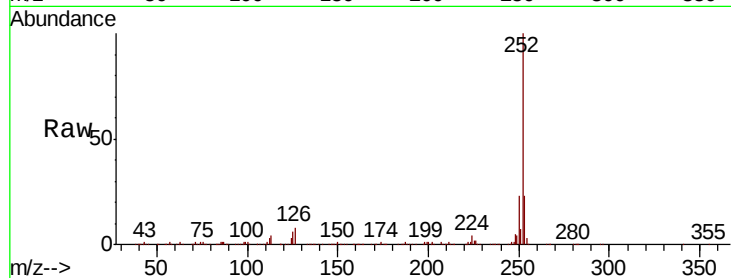




#89
Benzo(k)fluoranthene
Concen: 40.391 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

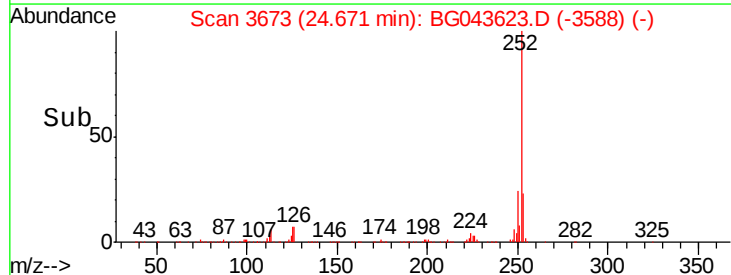
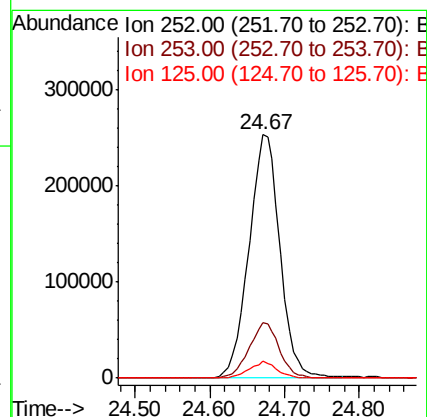
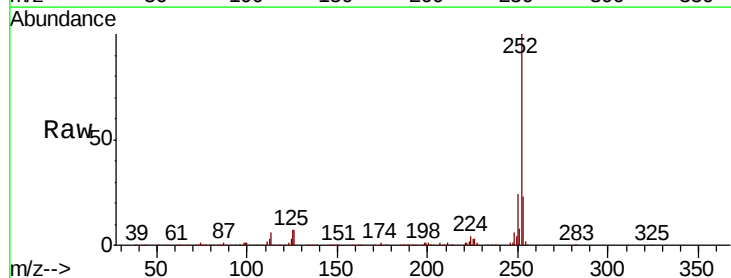
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	6.1	4.6	6.8



#90
Benzo(a)pyrene
Concen: 42.718 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	6.9	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 42.783 ng

RT: 28.51 min Scan# 4326

Delta R.T. -0.05 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

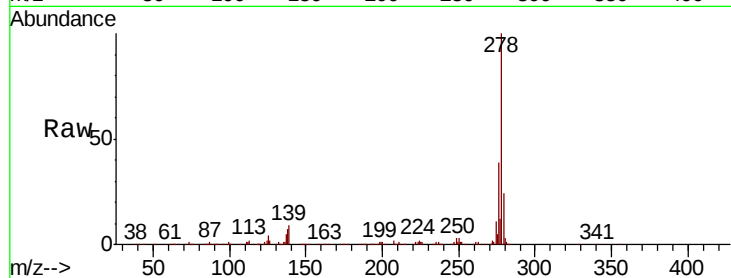
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 745217

Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.4	11.0
279	24.1	19.1	28.7

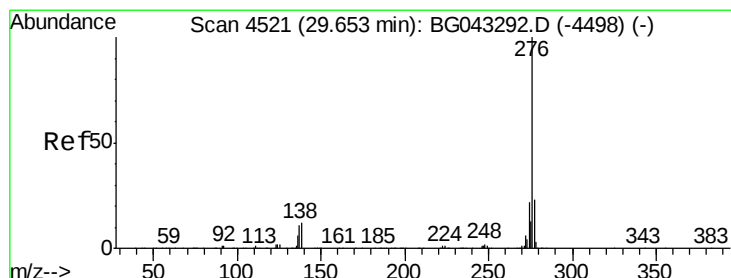
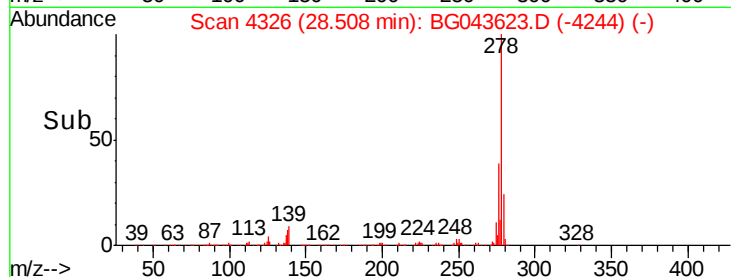
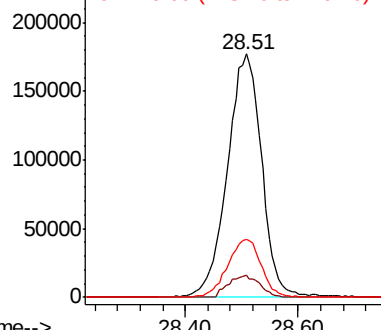


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.786 ng

RT: 29.58 min Scan# 4509

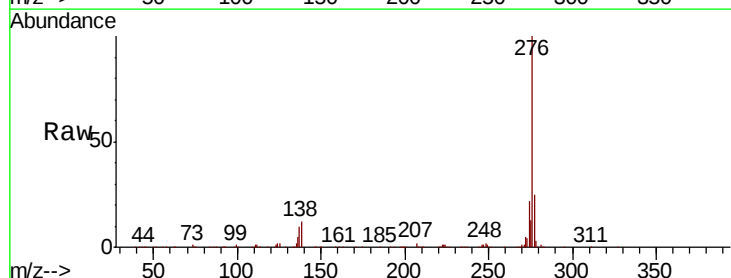
Delta R.T. -0.05 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion:276 Resp: 735127

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	11.7	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

