

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043608.D
 Acq On : 12 Nov 2019 8:02
 Operator : JU
 Sample : K5762-03MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 12 10:23:54 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	42173	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	166985	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	124966	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	298094	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	229449	20.00	ng	0.00
87) Perylene-d12	24.83	264	270930	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	145006	63.01	ng	0.01
7) Phenol-d6	7.21	99	144805	43.73	ng	0.01
23) Nitrobenzene-d5	9.17	82	245737	75.87	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	184527	77.59	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	665146	73.55	ng	0.00
79) Terphenyl-d14	19.99	244	1066869	87.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	16553	18.457	ng	# 86
3) Pyridine	3.86	79	38623	17.072	ng	96
4) n-Nitrosodimethylamine	3.78	42	31602	27.682	ng	80
6) Aniline	7.34	93	21144	5.543	ng	# 97
8) 2-Chlorophenol	7.58	128	115297	45.383	ng	96
9) Benzaldehyde	7.14	77	65154	40.038	ng	94
10) Phenol	7.24	94	95530	31.572	ng	92
11) bis(2-Chloroethyl)ether	7.42	93	89619	38.309	ng	96
12) 1,3-Dichlorobenzene	7.89	146	106471	33.449	ng	98
13) 1,4-Dichlorobenzene	8.04	146	112239	34.851	ng	97
14) 1,2-Dichlorobenzene	8.36	146	108878	34.625	ng	96
15) Benzyl Alcohol	8.25	79	94480	40.628	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	121054	35.587	ng	97
17) 2-Methylphenol	8.48	107	92831	42.085	ng	97
18) Hexachloroethane	9.08	117	38949	33.521	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	83700	39.118	ng	94
20) 3+4-Methylphenols	8.80	107	119514	39.512	ng	# 85
22) Acetophenone	8.83	105	168499	39.403	ng	97
24) Nitrobenzene	9.21	77	162150	52.552	ng	# 97
25) Isophorone	9.73	82	235110	39.703	ng	99
26) 2-Nitrophenol	9.92	139	70660	47.435	ng	# 94
27) 2,4-Dimethylphenol	10.00	122	97462	45.649	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	128452	39.302	ng	98
29) 2,4-Dichlorophenol	10.47	162	128644	47.026	ng	89
30) 1,2,4-Trichlorobenzene	10.67	180	126024	36.552	ng	99
31) Naphthalene	10.86	128	337441	39.811	ng	99
32) Benzoic acid	10.17	122	33741	25.844	ng	95
33) 4-Chloroaniline	10.98	127	15052	4.332	ng	94
34) Hexachlorobutadiene	11.14	225	89175	34.988	ng	92
35) Caprolactam	11.77	113	12207	12.957	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	139586	46.779	ng	97
37) 2-Methylnaphthalene	12.46	142	267244	41.092	ng	97
38) 1-Methylnaphthalene	12.68	142	250821	40.534	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	171590	37.102	ng	99

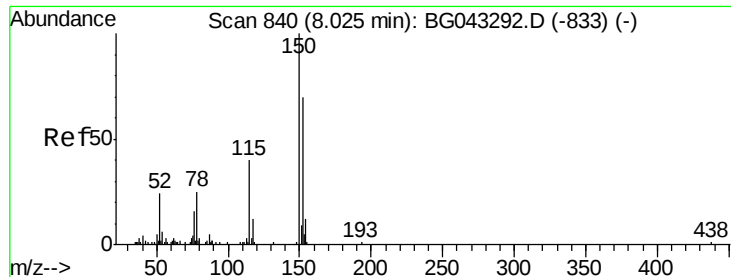
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
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 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	165313	68.046	ng	96
43) 2,4,6-Trichlorophenol	13.08	196	119541	43.891	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	127694	46.375	ng	97
46) 1,1'-Biphenyl	13.46	154	398425	41.910	ng	96
47) 2-Chloronaphthalene	13.51	162	279313	38.614	ng	99
48) 2-Nitroaniline	13.72	65	41382	19.141	ng	97
49) Acenaphthylene	14.36	152	449515	39.929	ng	99
50) Dimethylphthalate	14.09	163	463633	47.899	ng	99
51) 2,6-Dinitrotoluene	14.21	165	89718	42.665	ng	98
52) Acenaphthene	14.70	154	275528	40.133	ng	98
53) 3-Nitroaniline	14.55	138	12925	6.366	ng	# 95
54) 2,4-Dinitrophenol	14.76	184	117391	88.543	ng	96
55) Dibenzofuran	15.03	168	459731	41.293	ng	99
56) 4-Nitrophenol	14.91	139	71996	52.917	ng	95
57) 2,4-Dinitrotoluene	15.00	165	123017	40.935	ng	96
58) Fluorene	15.68	166	383796	41.102	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	128915	44.066	ng	98
60) Diethylphthalate	15.45	149	406181	41.763	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	219131	40.227	ng	97
62) 4-Nitroaniline	15.72	138	4722	2.252	ng	97
63) Azobenzene	15.97	77	325836	41.396	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	77271	44.047	ng	91
66) n-Nitrosodiphenylamine	15.89	169	338668	40.241	ng	96
67) 4-Bromophenyl-phenylether	16.57	248	156771	39.079	ng	95
68) Hexachlorobenzene	16.69	284	170549	37.036	ng	99
69) Atrazine	16.84	200	139357	47.654	ng	98
70) Pentachlorophenol	17.04	266	171688	81.823	ng	97
71) Phenanthrene	17.42	178	596257	39.061	ng	99
72) Anthracene	17.51	178	612152	40.082	ng	98
73) Carbazole	17.79	167	490908	35.495	ng	98
74) Di-n-butylphthalate	18.33	149	658245	39.225	ng	100
75) Fluoranthene	19.43	202	677161	34.027	ng	99
77) Benzidine	19.87	184	625	0.135	ng	# 1
78) Pyrene	19.79	202	654547	46.086	ng	100
80) Butylbenzylphthalate	20.67	149	215617	40.071	ng	96
81) Benzo(a)anthracene	21.63	228	595683	41.446	ng	98
82) 3,3'-Dichlorobenzidine	21.55	252	2005	0.361	ng	# 89
83) Chrysene	21.69	228	577563	40.445	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	316963	41.468	ng	99
85) Di-n-octyl phthalate	22.72	149	552824	42.631	ng	99
86) Indeno(1,2,3-cd)pyrene	28.46	276	766467	42.759	ng	# 98
88) Benzo(b)fluoranthene	23.82	252	631145	41.131	ng	99
89) Benzo(k)fluoranthene	23.89	252	645777	41.805	ng	98
90) Benzo(a)pyrene	24.68	252	577121	39.386	ng	99
91) Dibenzo(a,h)anthracene	28.52	278	657578	43.874	ng	99
92) Benzo(g,h,i)perylene	29.60	276	653749	44.220	ng	100

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

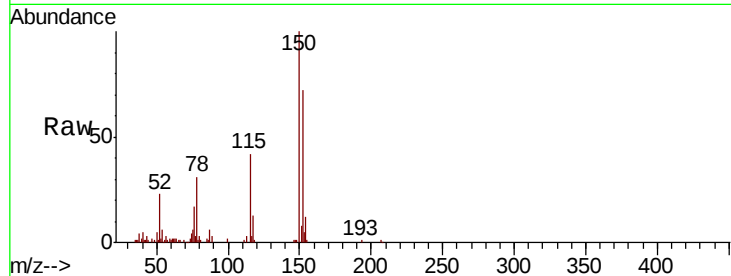


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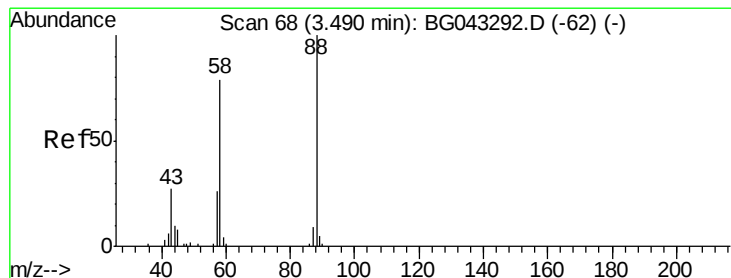
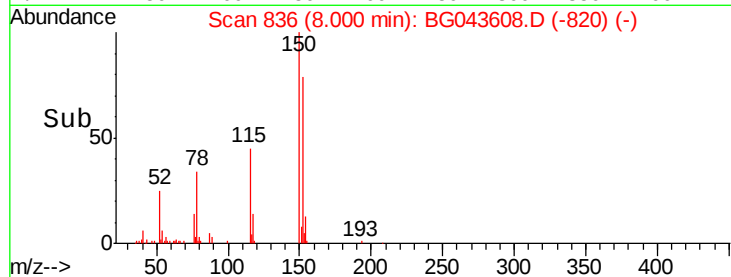
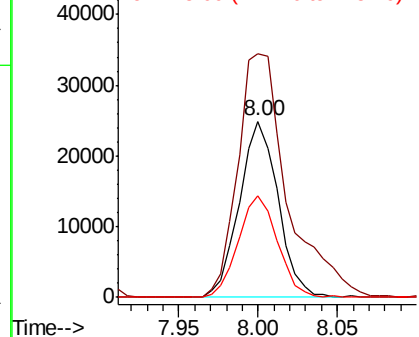
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42173
Ion Ratio Lower Upper
152 100
150 138.4 129.4 194.0
115 57.7 48.8 73.2



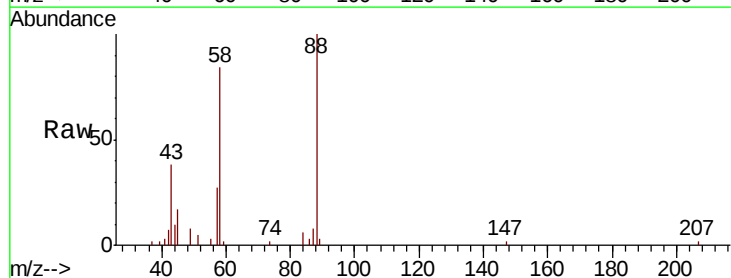
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



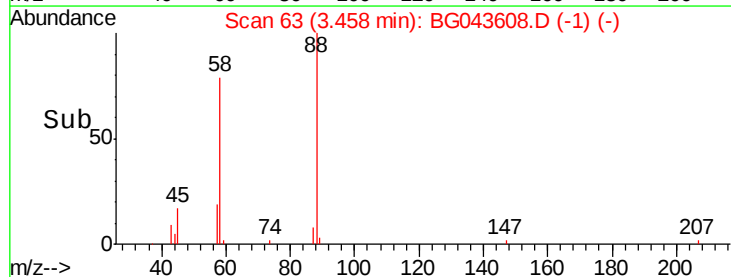
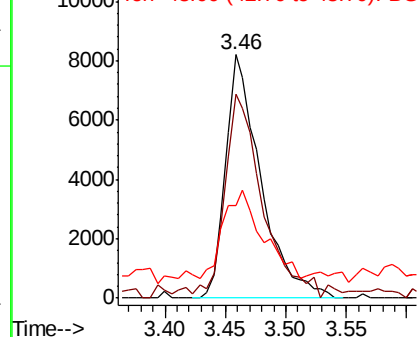
#2

1,4-Dioxane
Concen: 18.457 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion: 88 Resp: 16553
Ion Ratio Lower Upper
88 100
58 89.6 62.7 94.1
43 39.1 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: 17.072 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

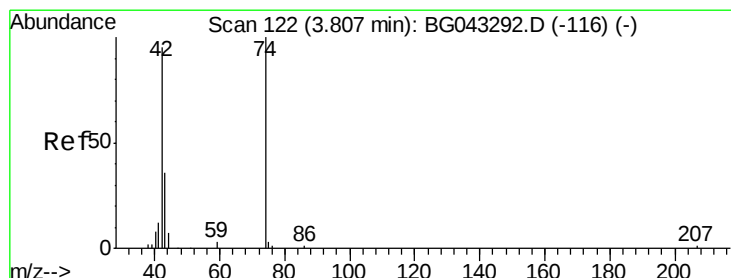
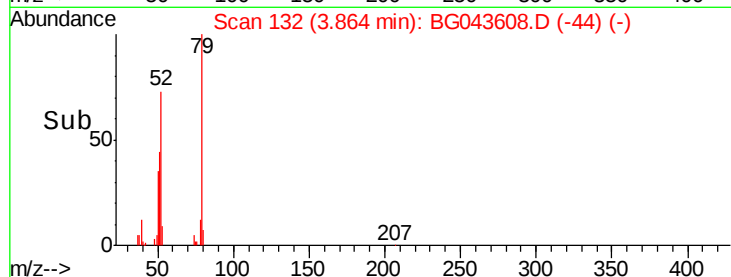
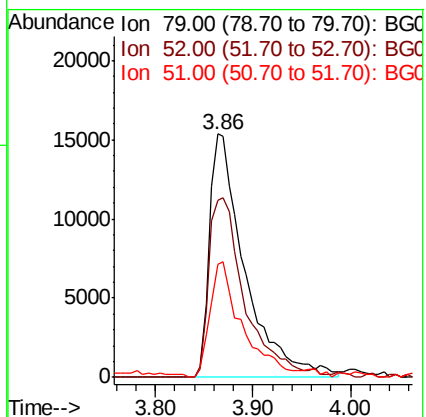
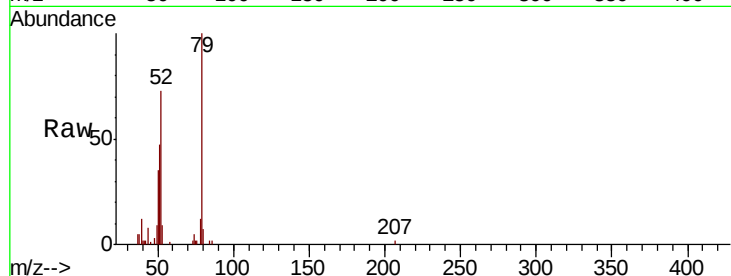
Tot Ion: 79 Resp: 38623

Ion Ratio Lower Upper

79 100

52 72.5 56.5 84.7

51 46.6 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 27.682 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

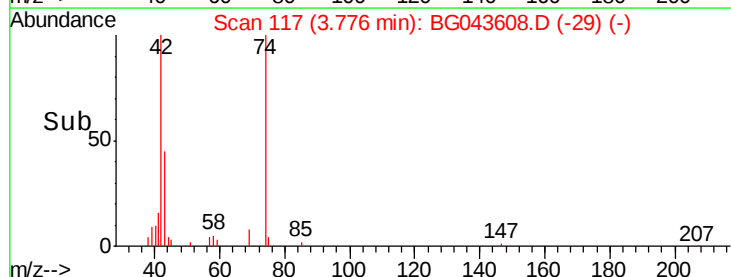
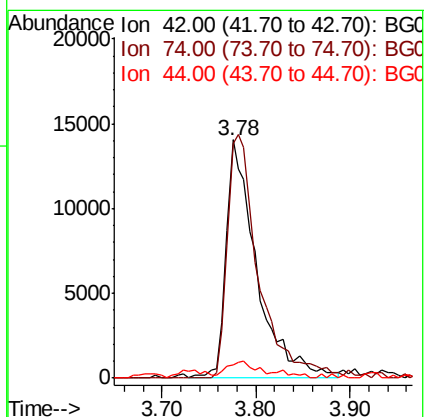
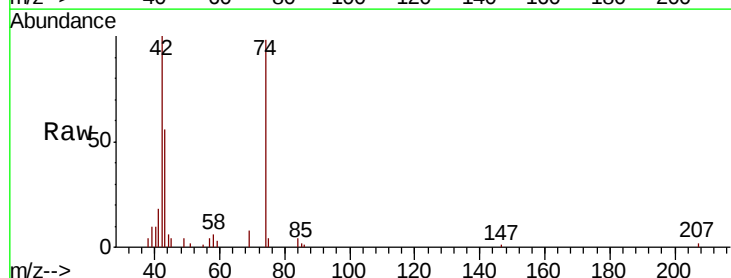
Tgt Ion: 42 Resp: 31602

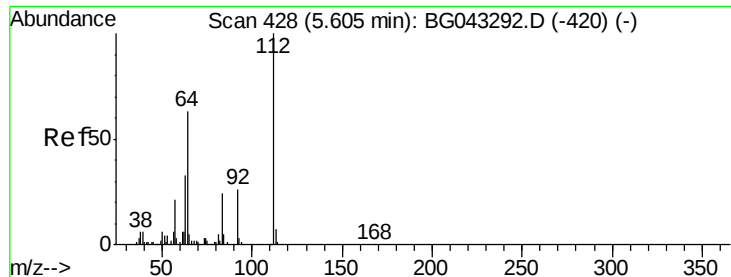
Ion Ratio Lower Upper

42 100

74 98.4 97.3 145.9

44 5.7 4.4 6.6





#5

2-Fluorophenol

Concen: 63.006 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

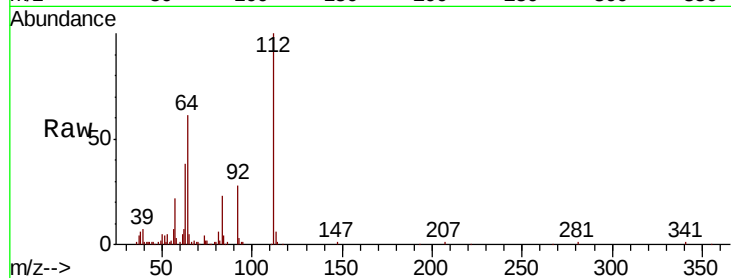
Tot Ion:112 Resp: 145006

Ion Ratio Lower Upper

112 100

64 61.1 50.0 75.0

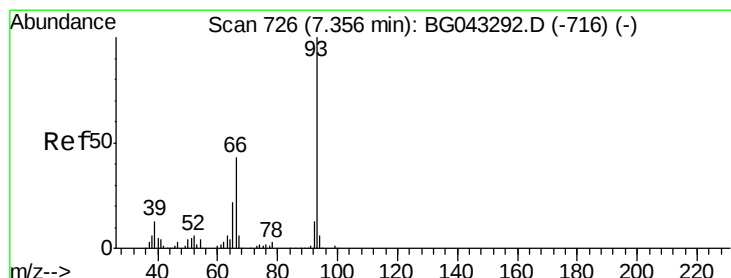
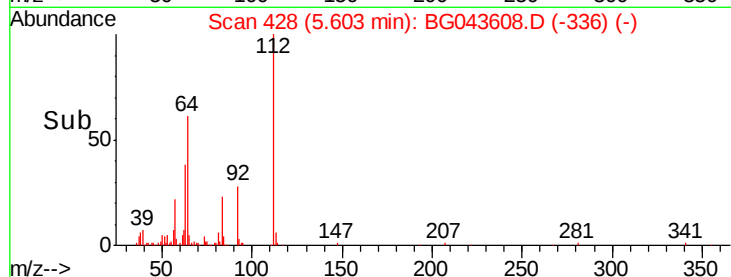
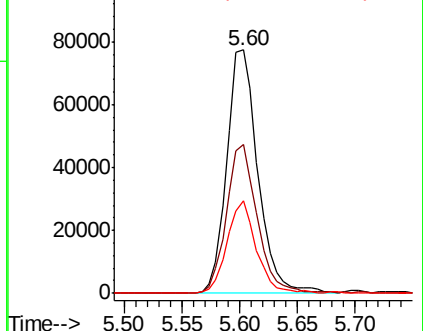
63 38.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 5.543 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

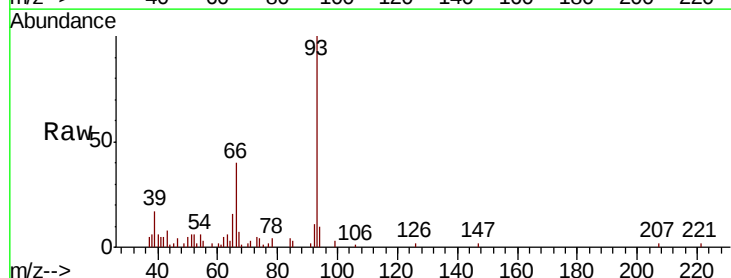
Tgt Ion: 93 Resp: 21144

Ion Ratio Lower Upper

93 100

66 40.3 32.3 48.5

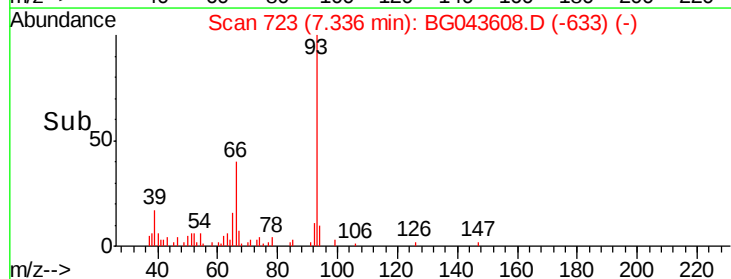
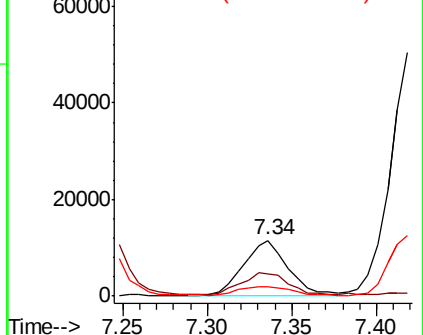
65 16.0 16.1 24.1#

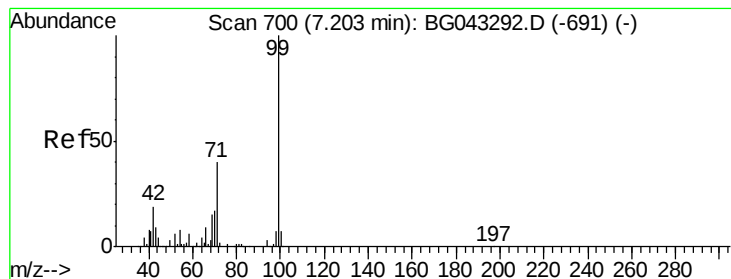


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 43.731 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampled :

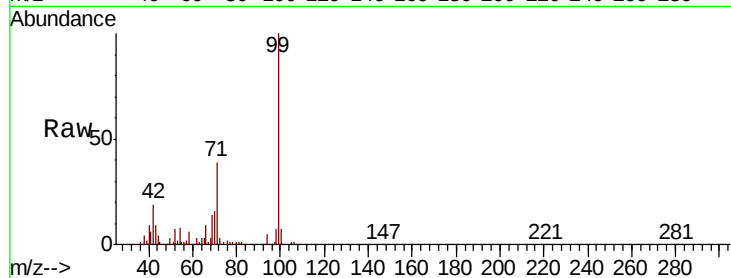
Tot Ion: 99 Resp: 144805

Ion Ratio Lower Upper

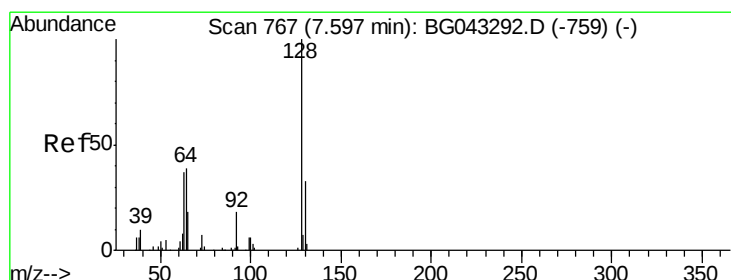
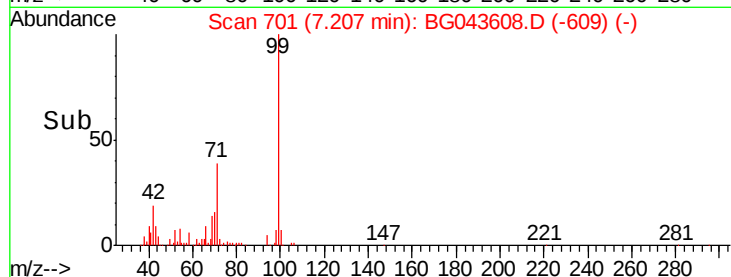
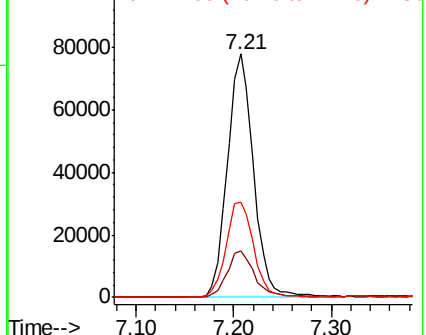
99 100

42 19.1 14.6 21.8

71 39.1 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: 45.383 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

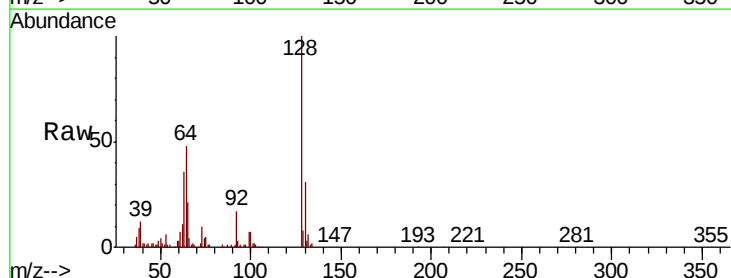
Tgt Ion:128 Resp: 115297

Ion Ratio Lower Upper

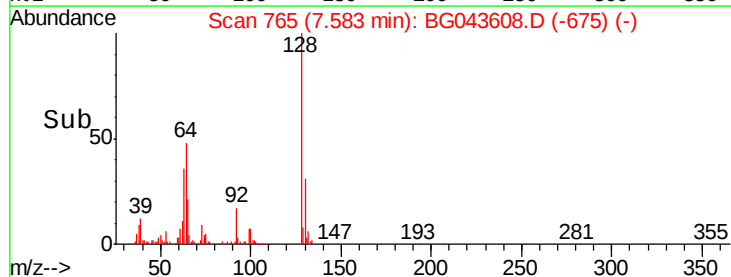
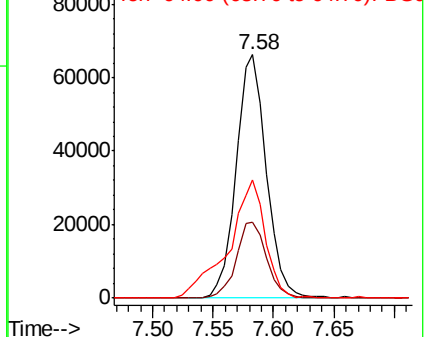
128 100

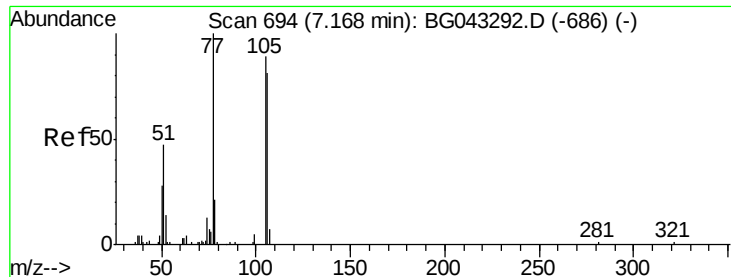
130 31.4 12.5 52.5

64 48.5 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: 40.038 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampled :

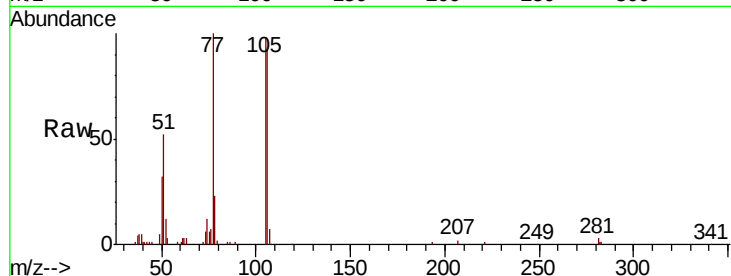
Tot Ion: 77 Resp: 65154

Ion Ratio Lower Upper

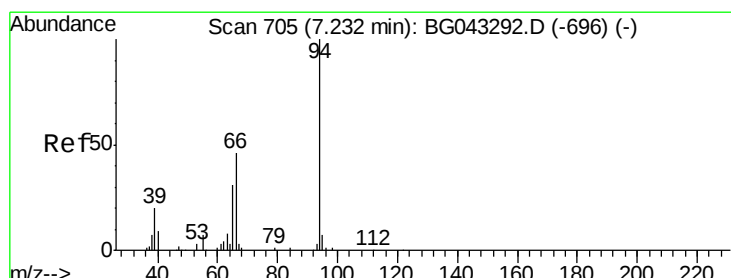
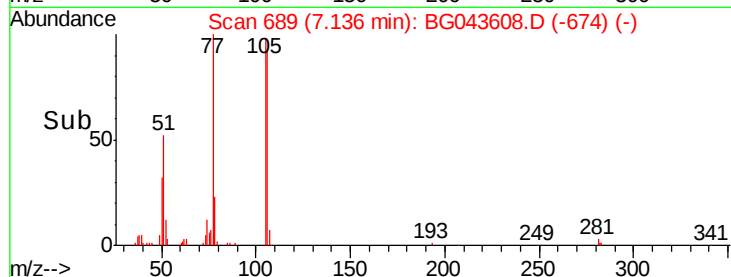
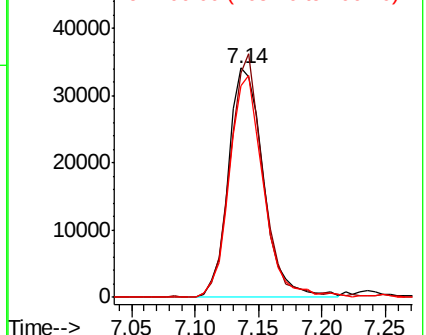
77 100

105 97.7 68.6 108.6

106 92.5 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: 31.572 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

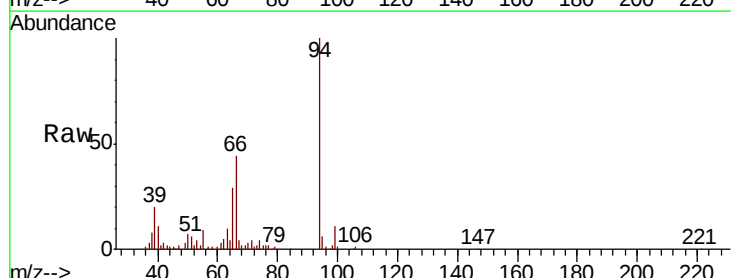
Tgt Ion: 94 Resp: 95530

Ion Ratio Lower Upper

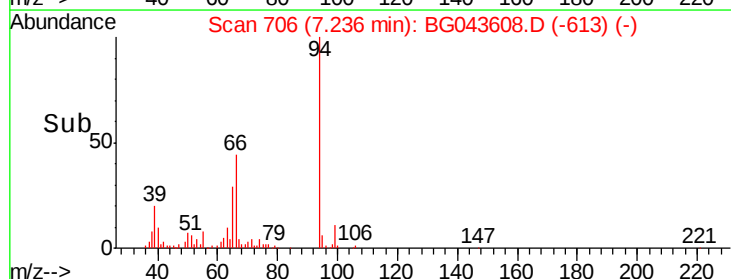
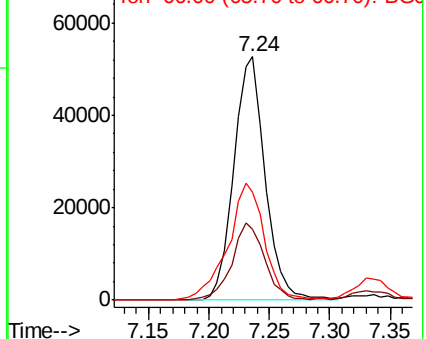
94 100

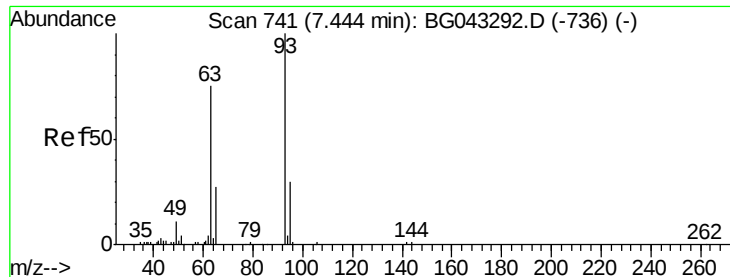
65 29.2 12.6 52.6

66 44.4 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: 38.309 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

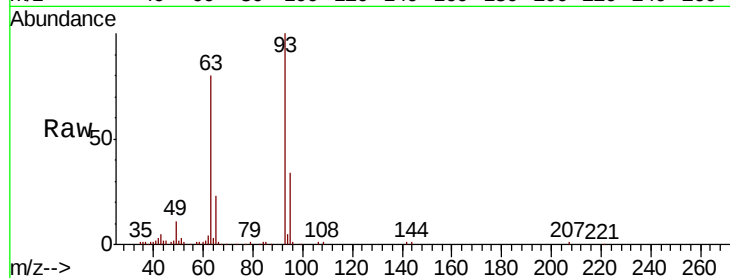
Tot Ion: 93 Resp: 89619

Ion	Ratio	Lower	Upper
93	100		
63	80.0	56.3	96.3
95	34.2	12.2	52.2

93 100

63 80.0 56.3 96.3

95 34.2 12.2 52.2

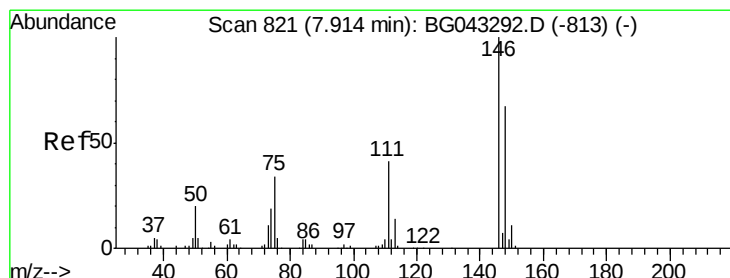
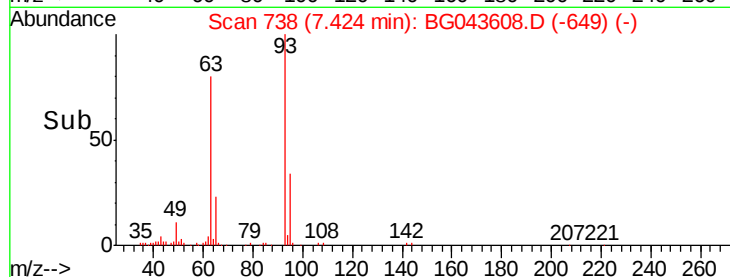
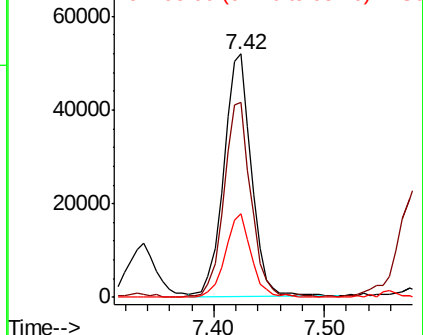


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 33.449 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

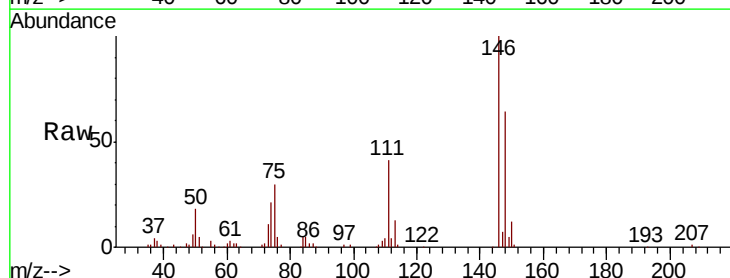
Tgt Ion: 146 Resp: 106471

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.3	75.5
75	30.0	24.6	37.0

146 100

148 64.2 50.3 75.5

75 30.0 24.6 37.0

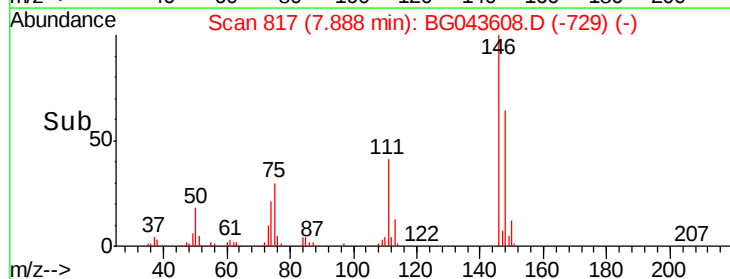
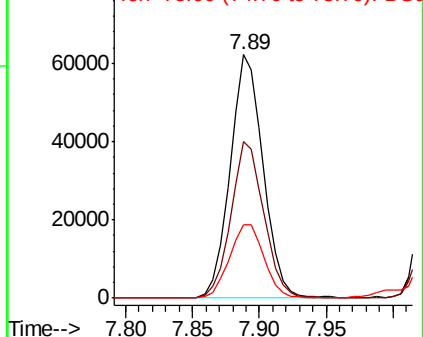


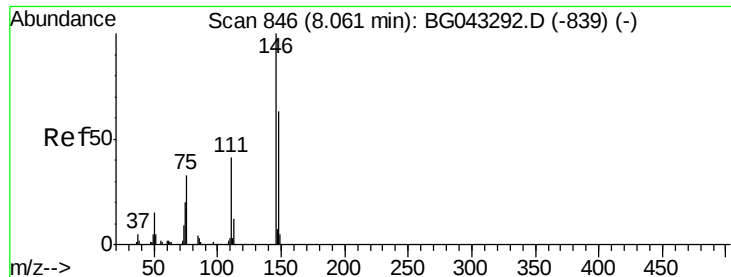
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 34.851 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

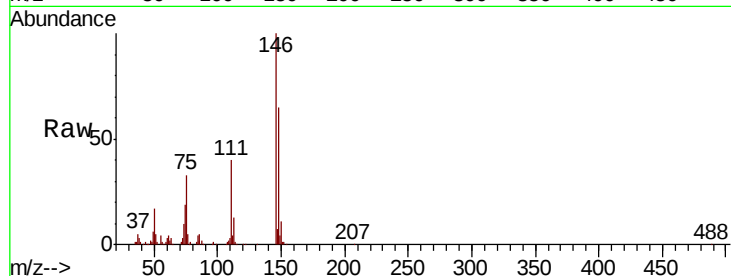
Tot Ion:146 Resp: 112239

Ion Ratio Lower Upper

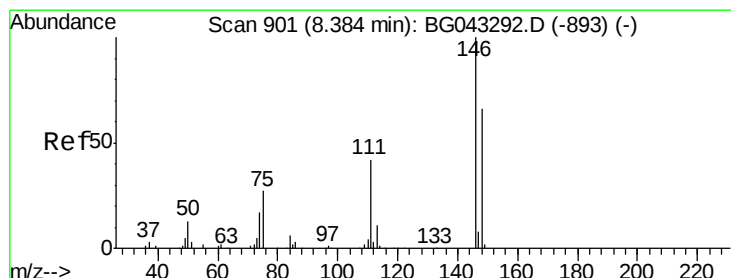
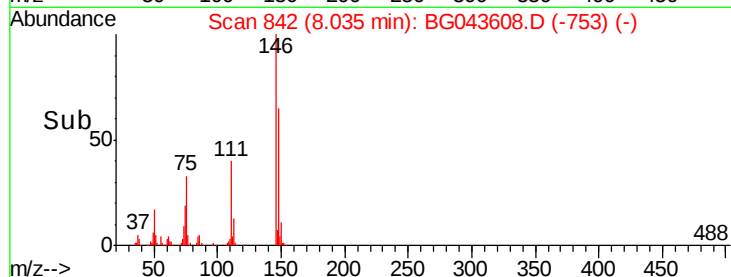
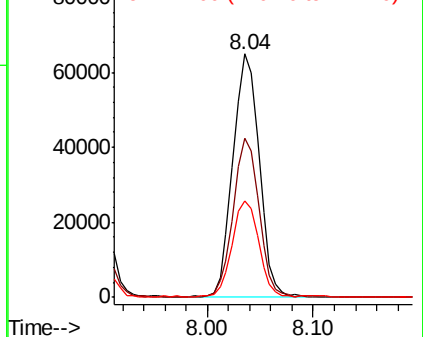
146 100

148 65.5 50.7 76.1

111 39.7 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: 34.625 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

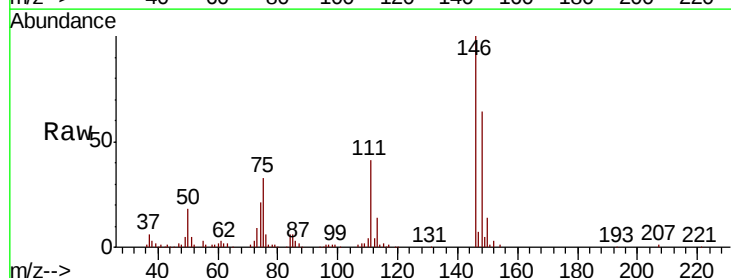
Tgt Ion:146 Resp: 108878

Ion Ratio Lower Upper

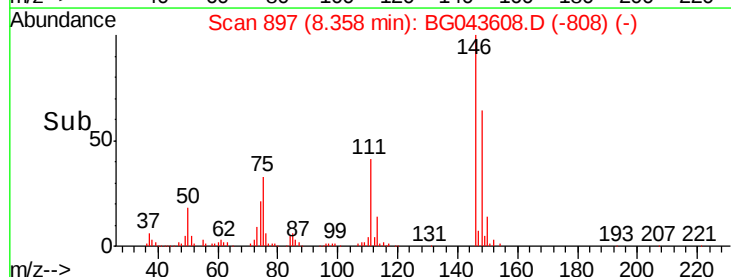
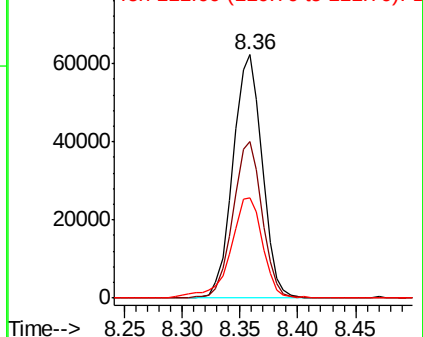
146 100

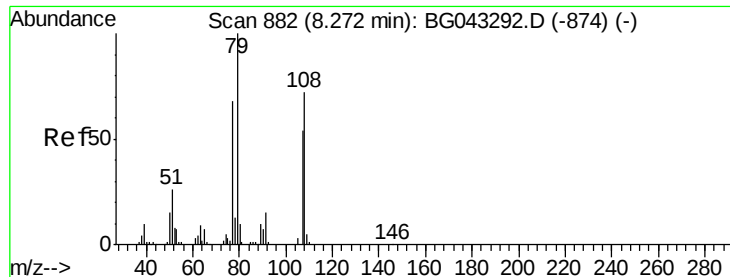
148 64.2 53.2 79.8

111 41.2 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: 40.628 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

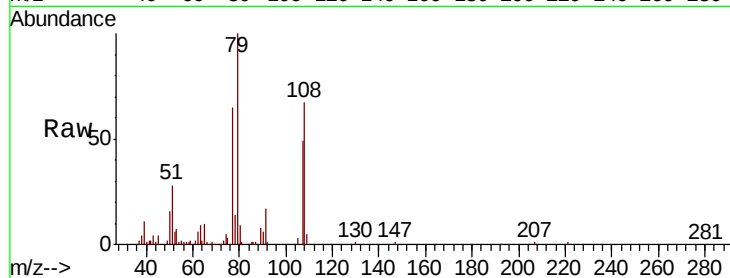
Tot Ion: 79 Resp: 94480

Ion Ratio Lower Upper

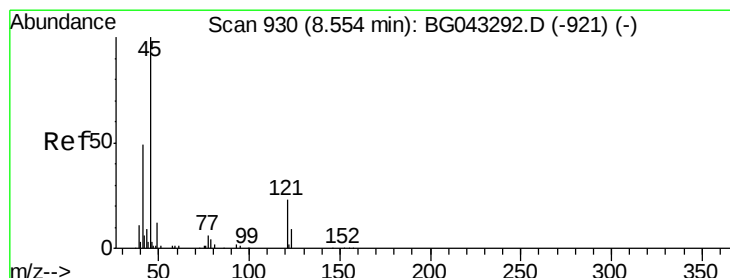
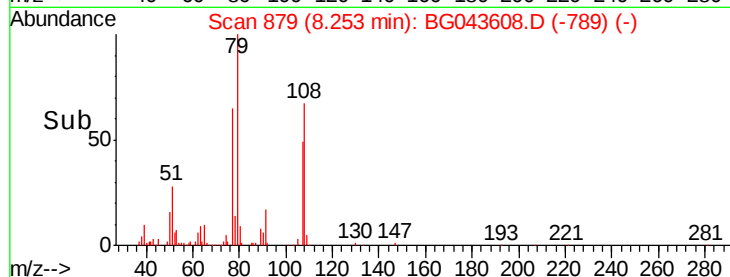
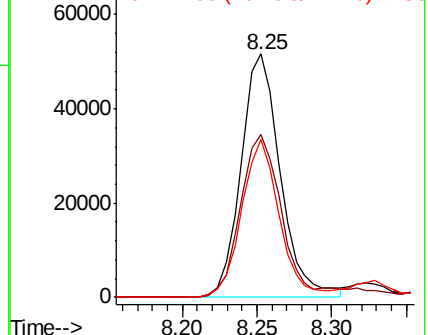
79 100

108 66.8 53.6 80.4

77 64.8 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.587 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

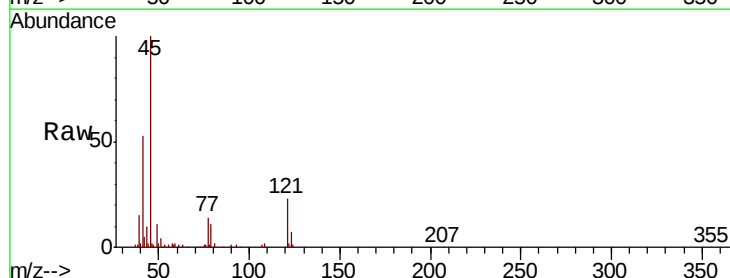
Tgt Ion: 45 Resp: 121054

Ion Ratio Lower Upper

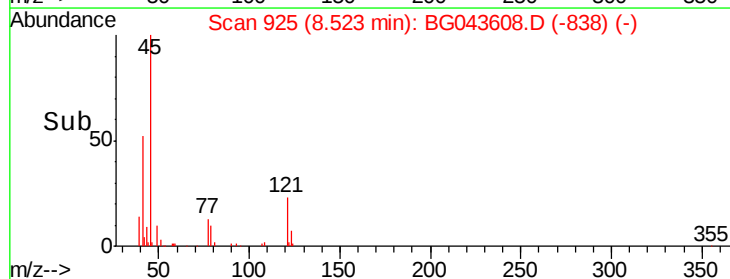
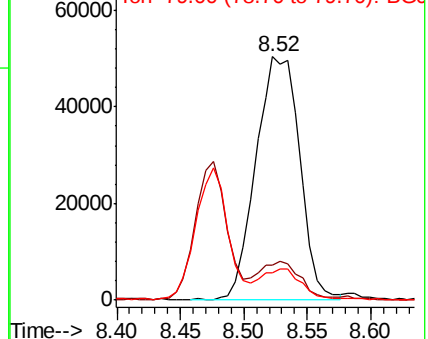
45 100

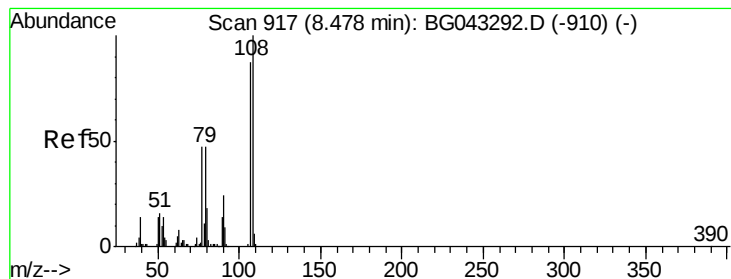
77 14.4 0.0 34.9

79 11.2 0.0 33.0



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

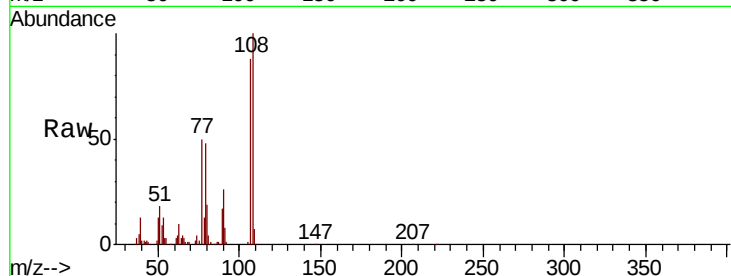




#17
2-Methylphenol
Concen: 42.085 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	92831
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.2	135.4
77	56.9	40.2	60.2
79	54.0	44.0	66.0



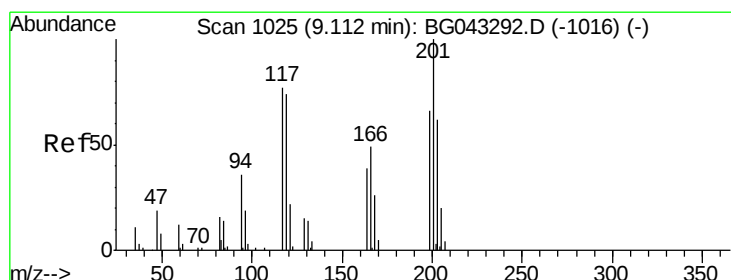
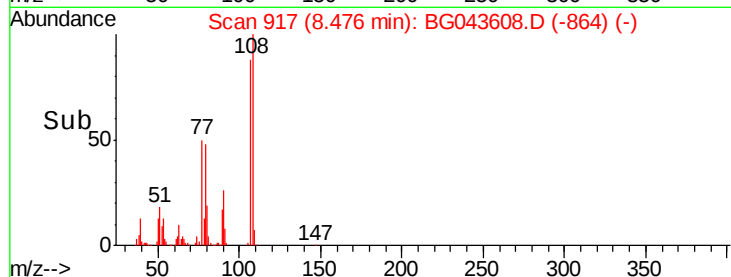
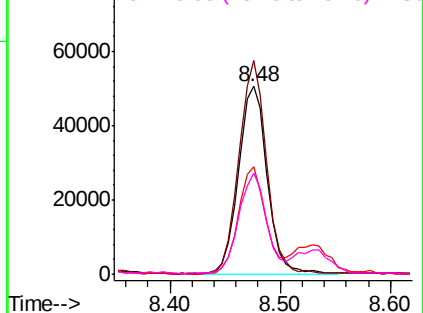
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

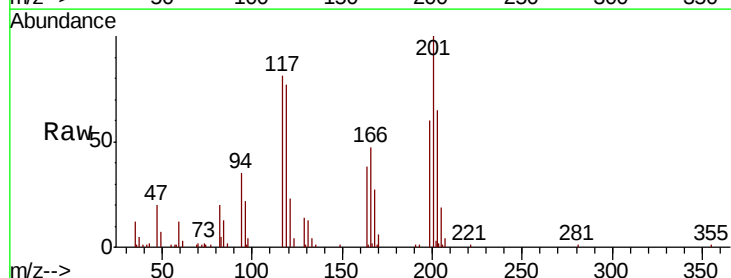
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 33.521 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion:	117	Resp:	38949
Ion	Ratio	Lower	Upper
117	100		
119	95.5	79.0	118.4
201	123.6	105.4	158.2

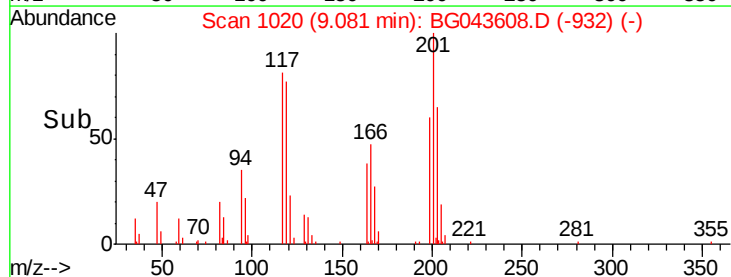
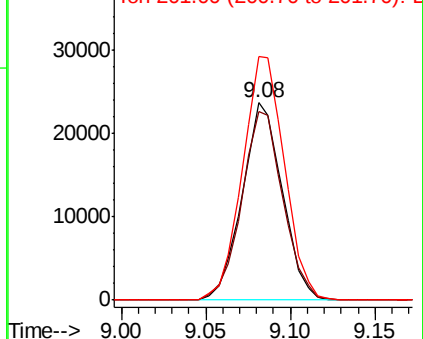


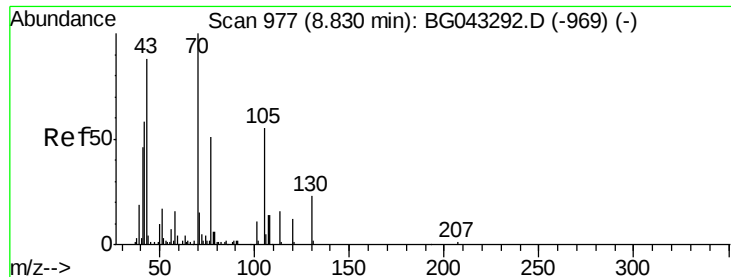
Abundance

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

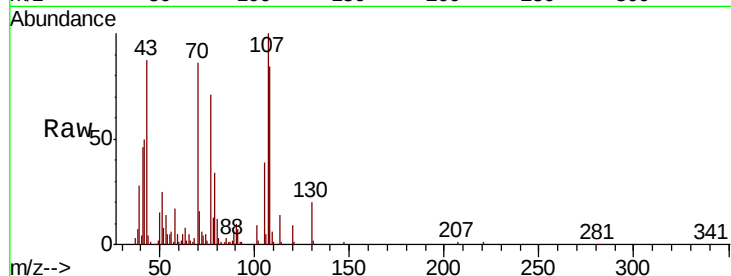




#19
n-Nitroso-di-n-propylamine
Concen: 39.118 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	83700
Ion	Ratio	Lower	Upper
70	100		
42	58.9	41.4	62.2
101	10.6	7.9	11.9
130	23.8	19.0	28.4



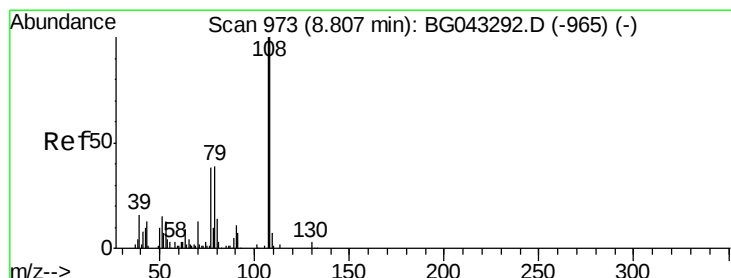
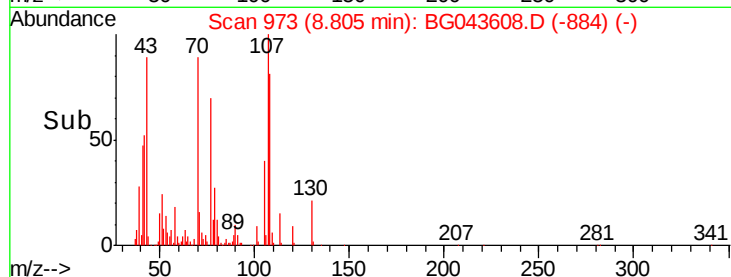
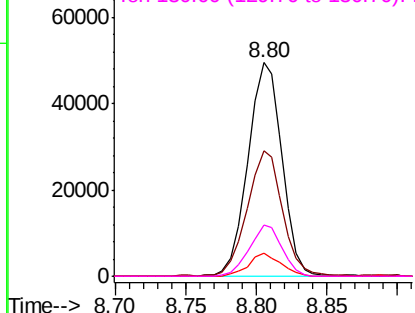
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 39.512 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion:	107	Resp:	119514
Ion	Ratio	Lower	Upper
107	100		
108	83.5	66.6	106.6
77	71.4	20.9	60.9
79	34.1	11.3	51.3

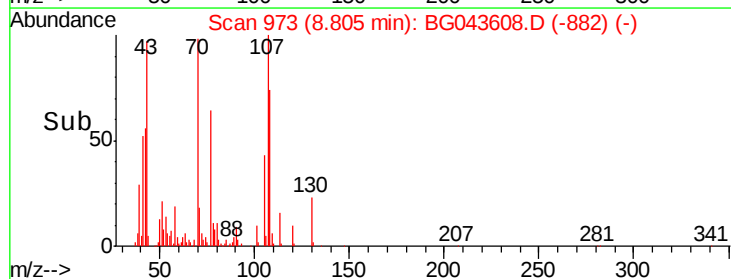
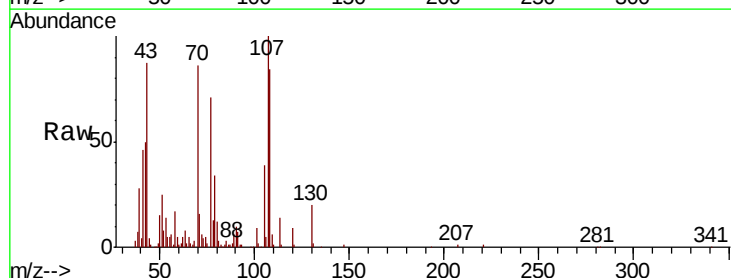
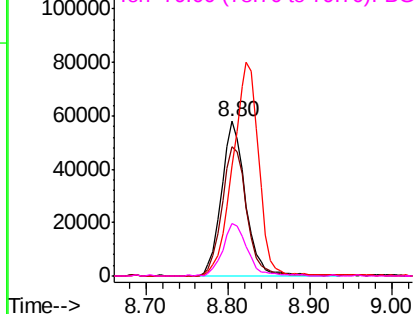
Abundance

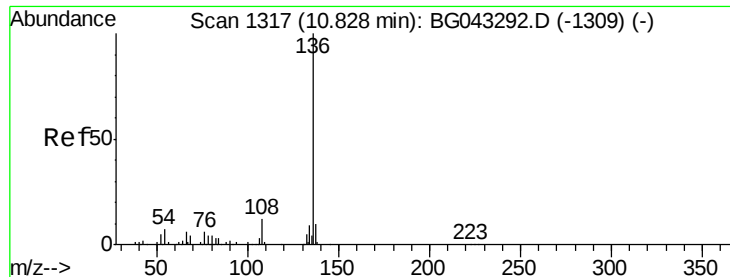
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

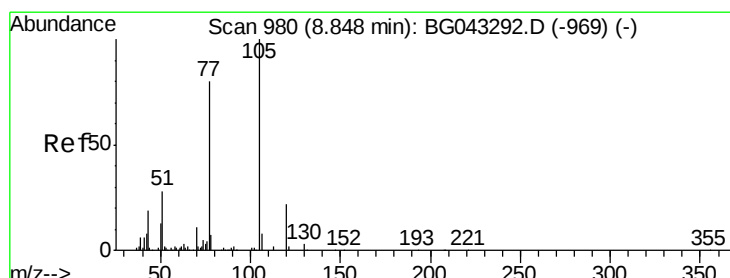
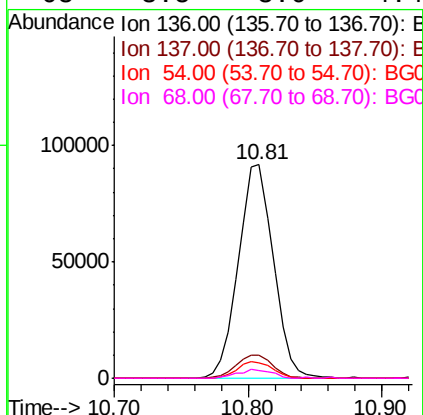
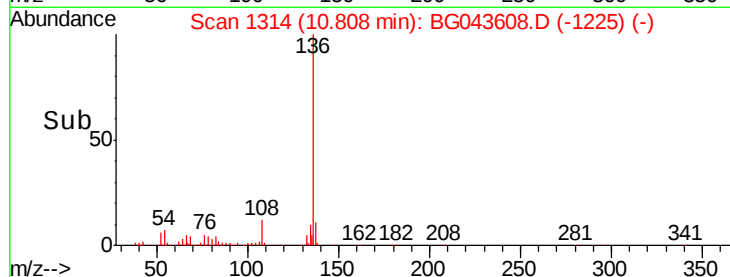
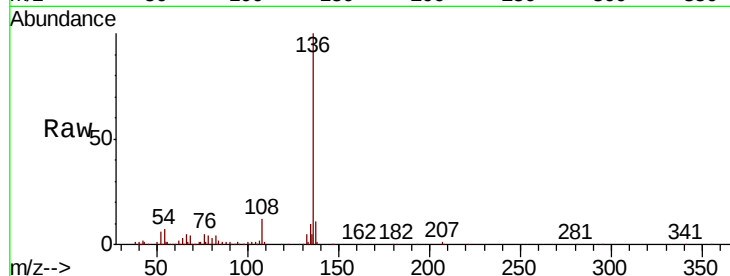




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

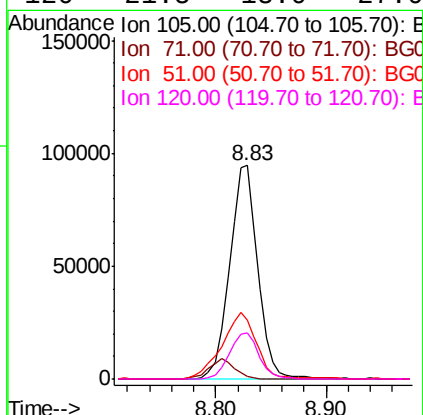
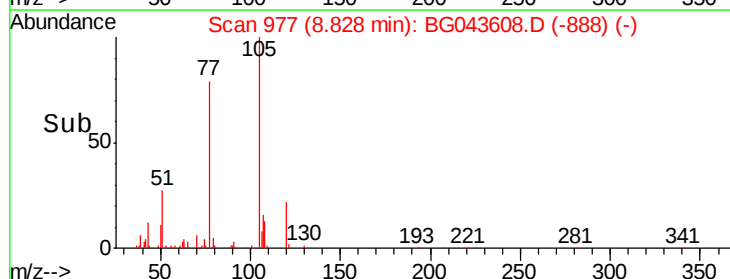
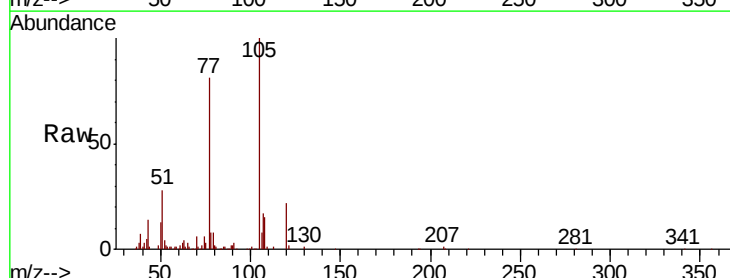
Instrument :
BNA_G
ClientSampleId :

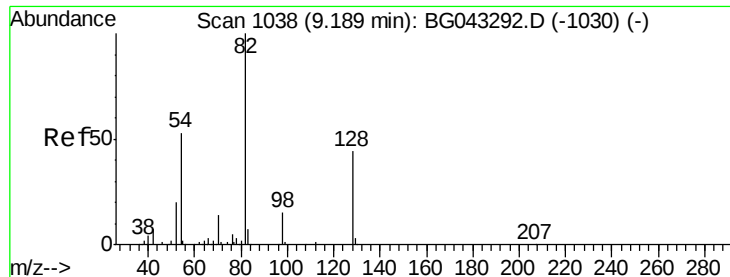
Tot Ion:136	Resp: 166985
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 7.0	5.4 8.2
68 3.5	3.0 4.4



#22
Acetophenone
Concen: 39.403 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt	Ion:105	Resp:	168499
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.8	1.2
51	27.8	21.0	31.4
120	21.5	18.0	27.0

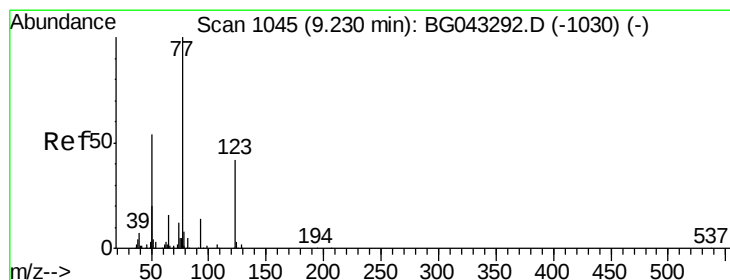
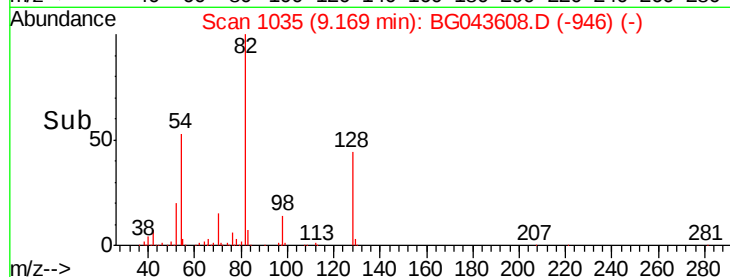
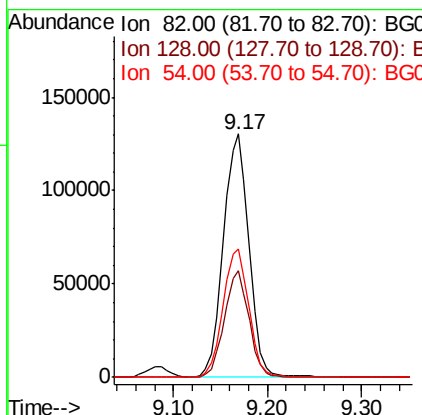
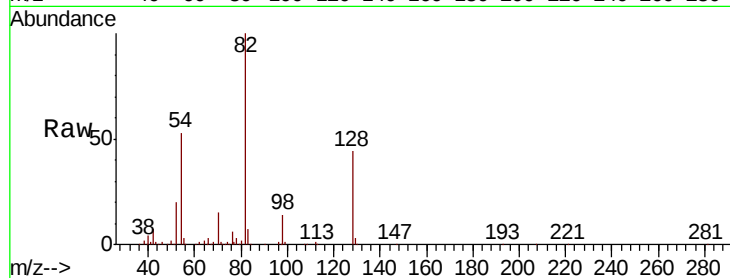




#23
 Nitrobenzene-d5
 Concen: 75.868 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

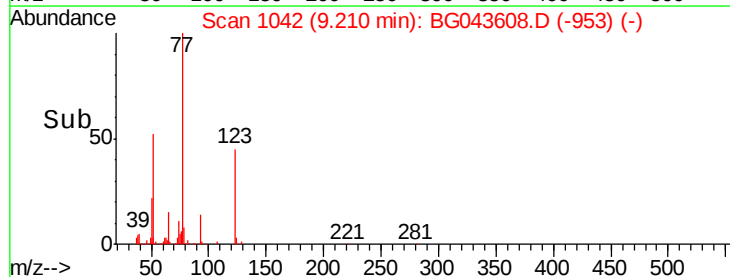
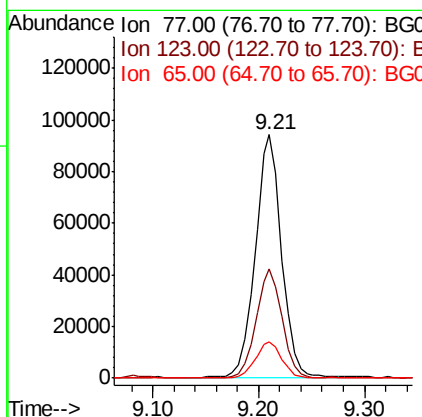
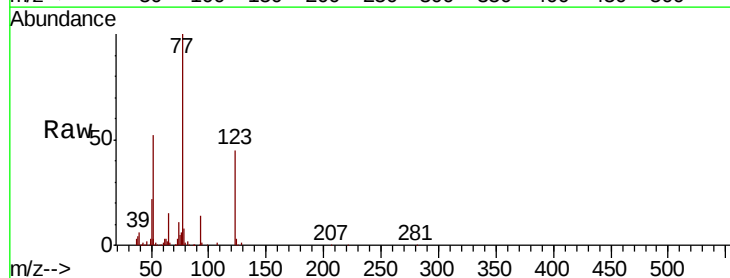
Instrument :
 BNA_G
 ClientSampleId :

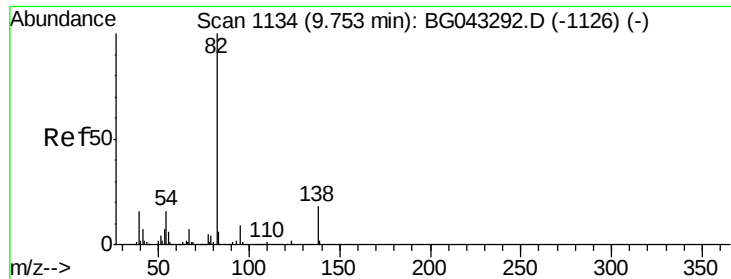
Tot Ion	82	Resp	245737
Ion Ratio	Lower	Upper	
82	100		
128	44.0	35.0	52.6
54	52.8	40.2	60.2



#24
 Nitrobenzene
 Concen: 52.552 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion	77	Resp	162150
Ion Ratio	Lower	Upper	
77	100		
123	44.7	35.0	52.6
65	14.8	9.5	14.3#





#25

Isophorone

Concen: 39.703 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

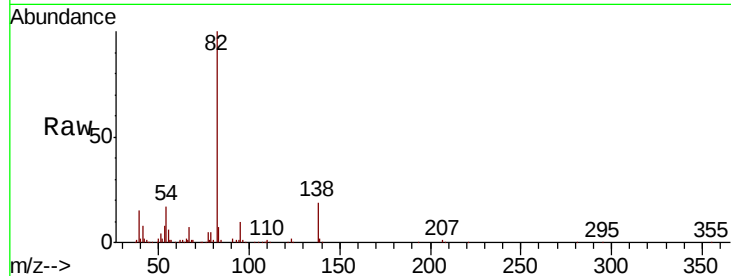
Tot Ion: 82 Resp: 235110

Ion Ratio Lower Upper

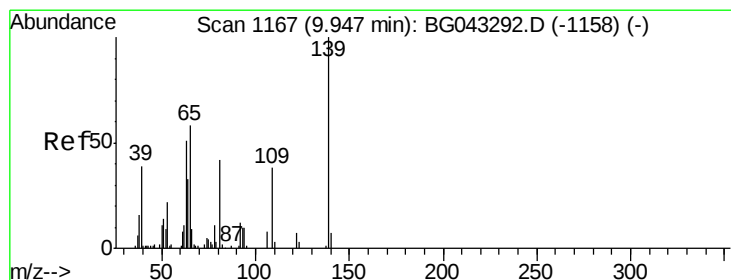
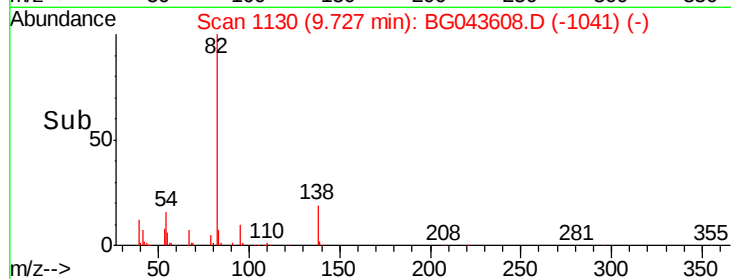
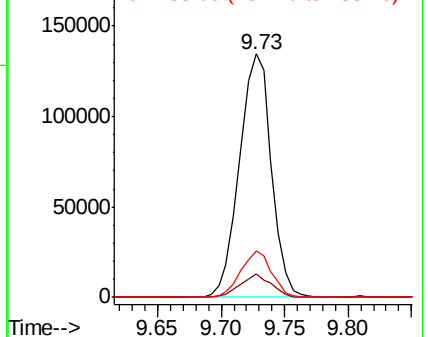
82 100

95 9.8 6.6 9.8

138 19.1 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: 47.435 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

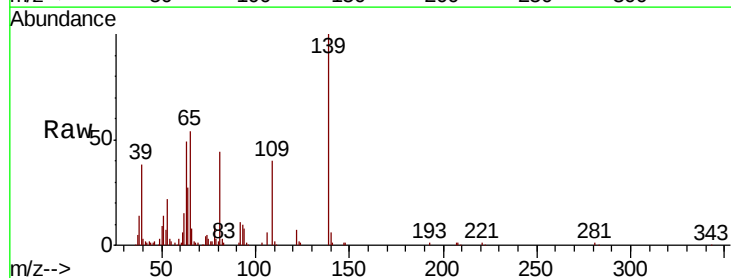
Tgt Ion: 139 Resp: 70660

Ion Ratio Lower Upper

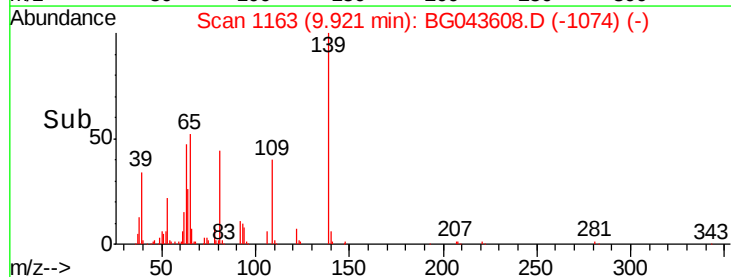
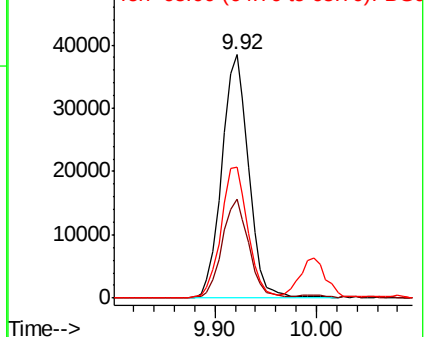
139 100

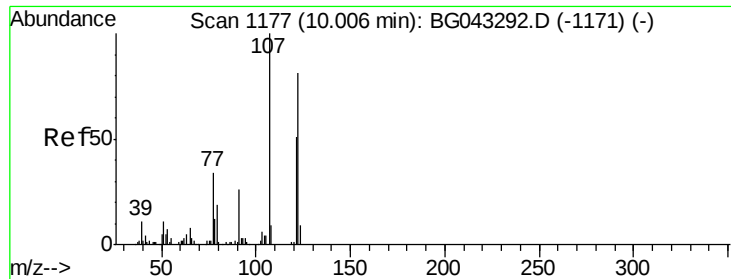
109 40.5 26.5 39.7#

65 54.0 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

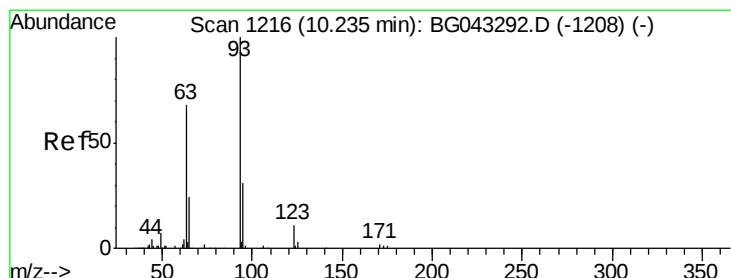
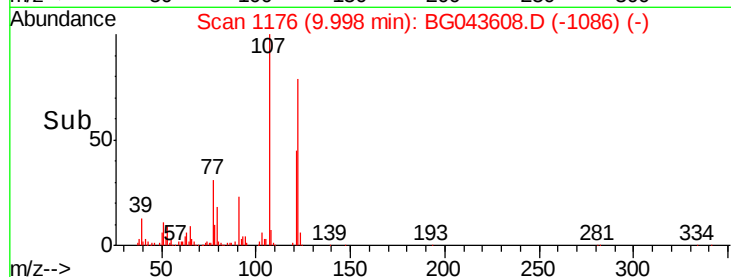
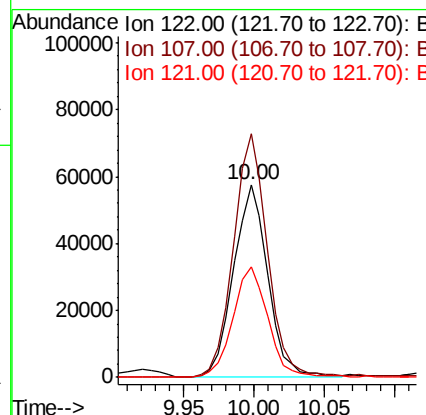
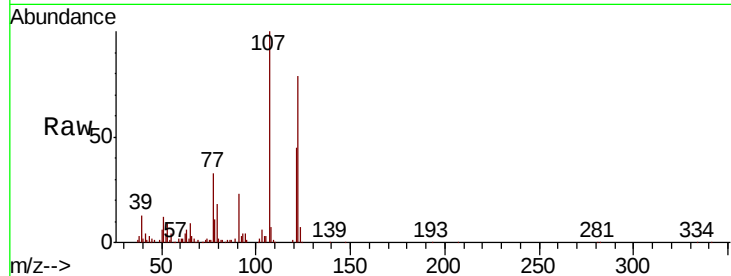




#27
2,4-Dimethylphenol
Concen: 45.649 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

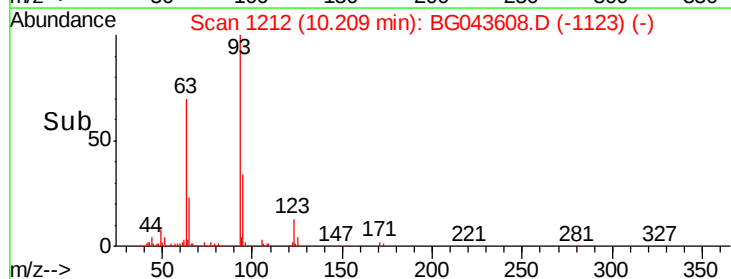
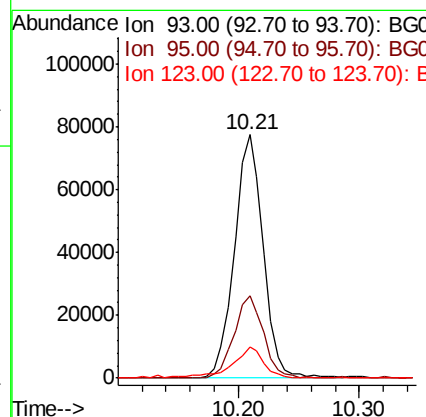
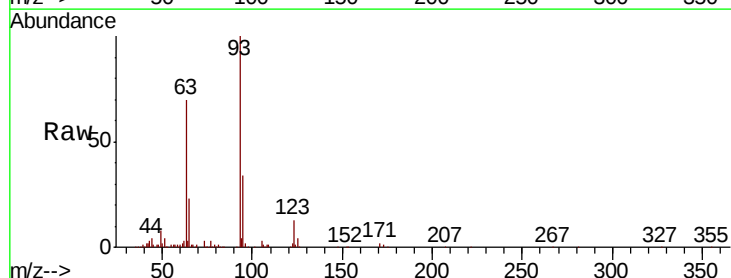
Instrument :
BNA_G
ClientSampleId :

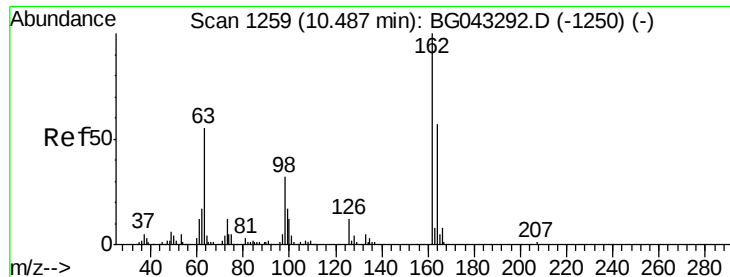
Tot Ion:122 Resp: 97462
Ion Ratio Lower Upper
122 100
107 126.4 104.4 156.6
121 57.5 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.302 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion: 93 Resp: 128452
Ion Ratio Lower Upper
93 100
95 33.8 26.0 39.0
123 12.6 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 47.026 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

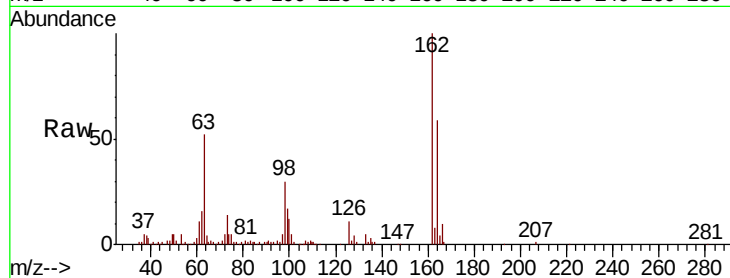
Tot Ion:162 Resp: 128644

Ion Ratio Lower Upper

162 100

164 59.0 48.9 88.9

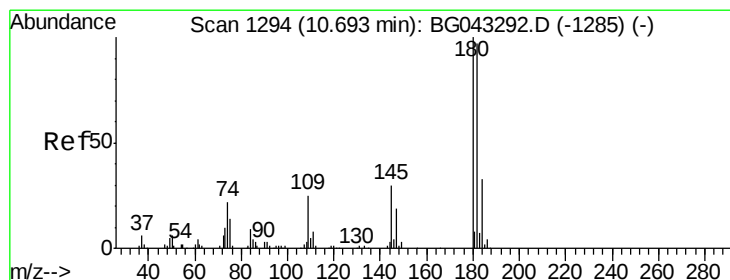
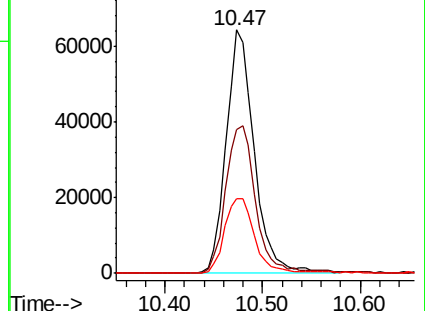
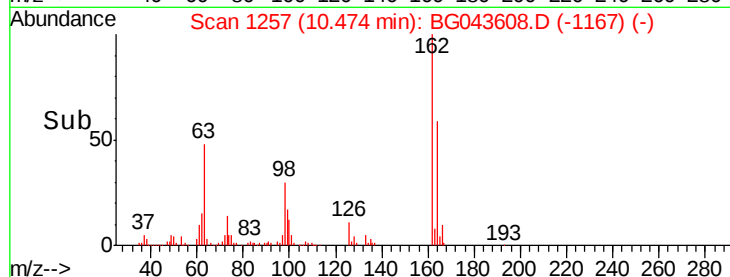
98 30.4 15.1 55.1



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): B



#30

1,2,4-Trichlorobenzene

Concen: 36.552 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

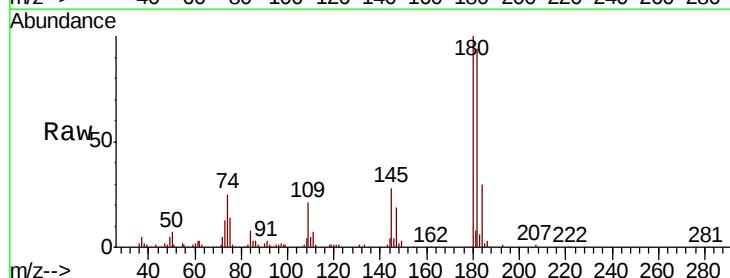
Tgt Ion:180 Resp: 126024

Ion Ratio Lower Upper

180 100

182 94.3 75.1 112.7

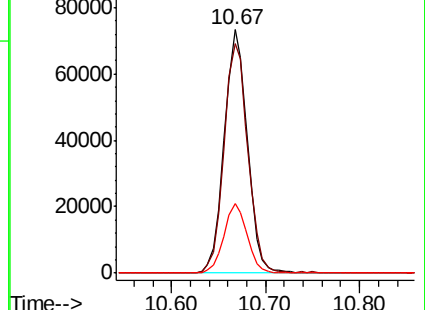
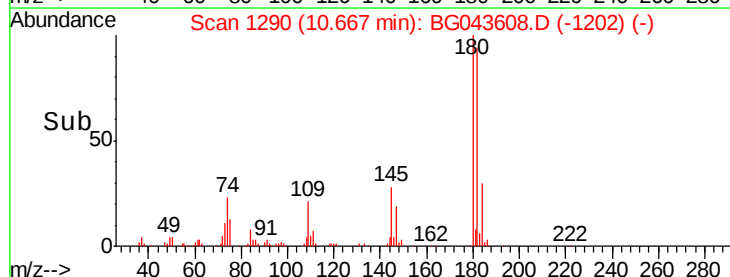
145 28.4 23.9 35.9

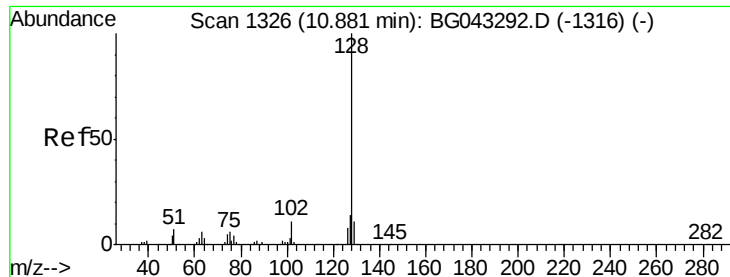


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

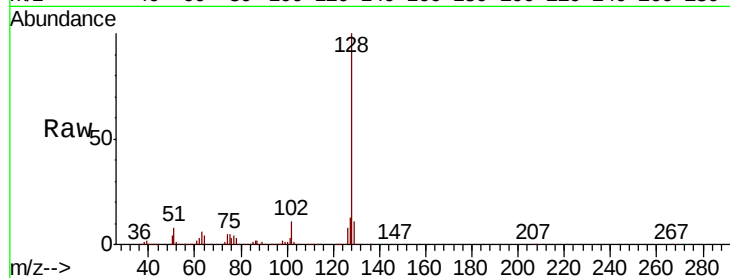




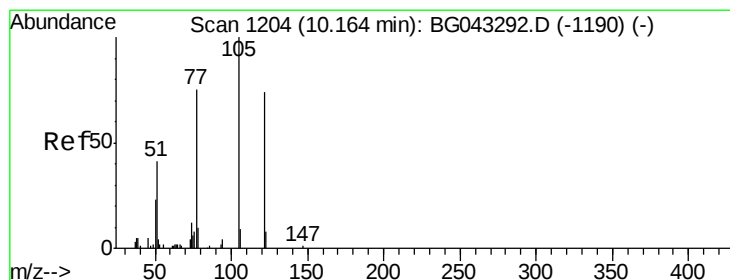
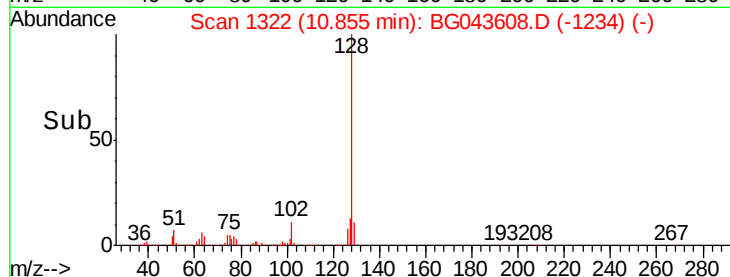
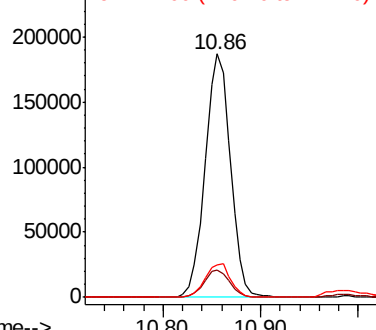
#31
Naphthalene
Concen: 39.811 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 337441
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.3 11.1 16.7

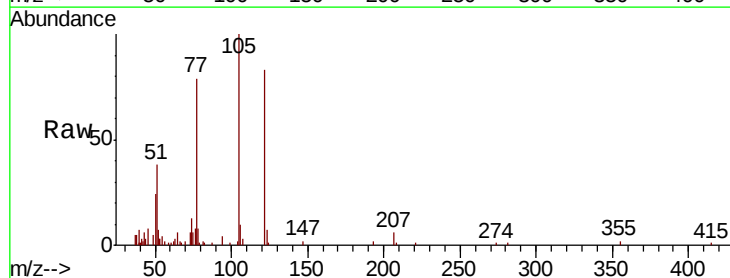


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

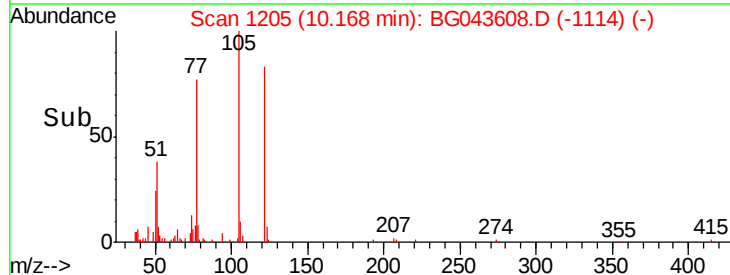
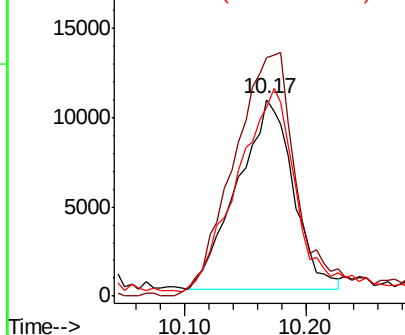


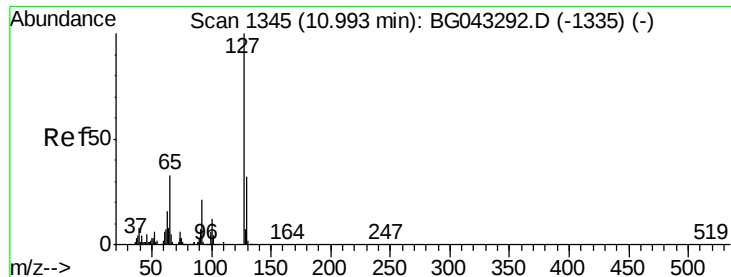
#32
Benzoic acid
Concen: 25.844 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion:122 Resp: 33741
Ion Ratio Lower Upper
122 100
105 121.1 103.3 143.3
77 96.1 84.9 124.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

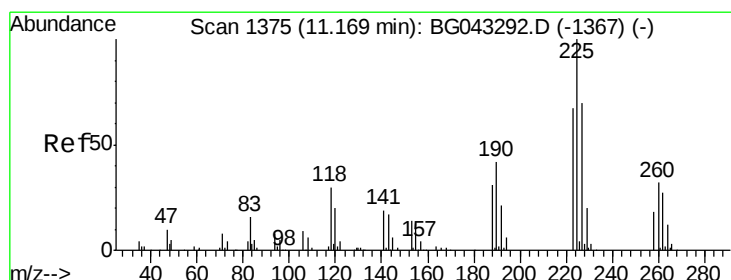
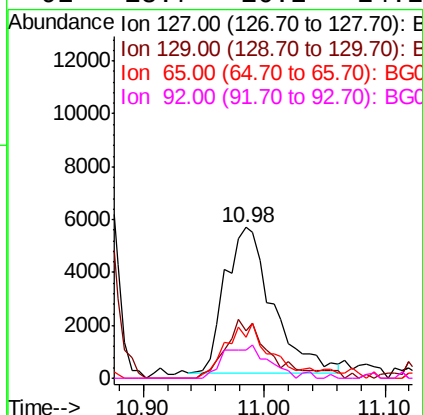
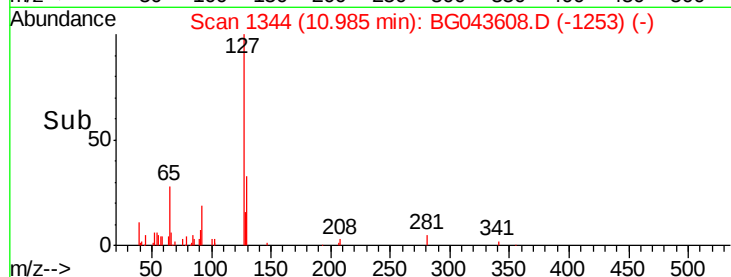
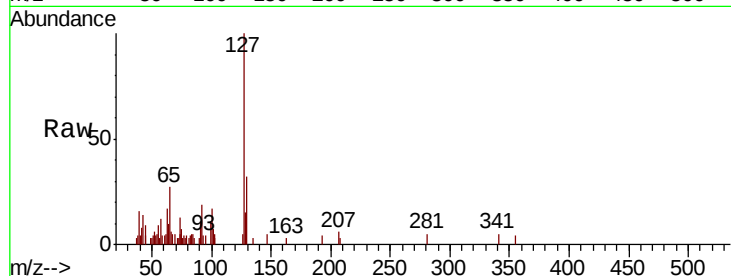




#33
4-Chloroaniline
Concen: 4.332 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

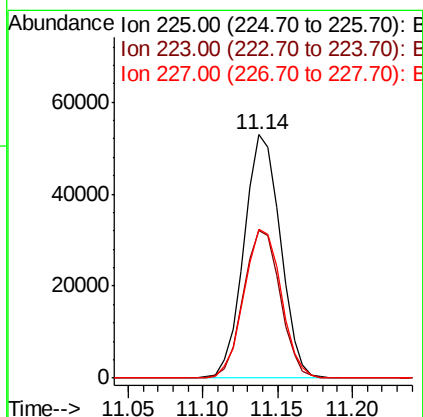
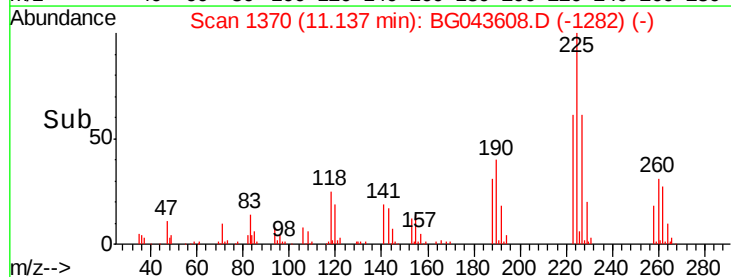
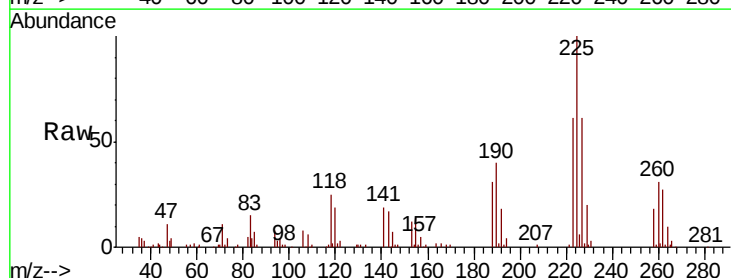
Instrument :
BNA_G
ClientSampled :

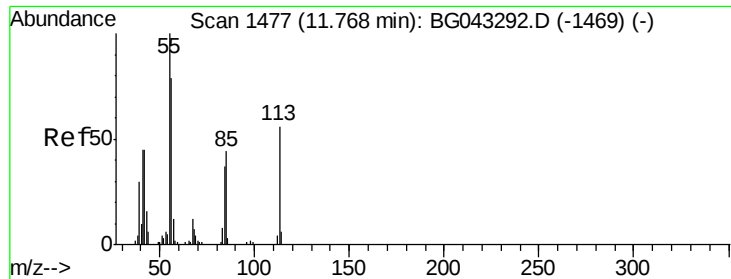
Tot Ion:	127	Resp:	15052
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.5	39.7
65	27.4	26.4	39.6
92	18.7	16.2	24.2



#34
Hexachlorobutadiene
Concen: 34.988 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion:	225	Resp:	89175
Ion	Ratio	Lower	Upper
225	100		
223	60.8	52.7	79.1
227	61.2	54.8	82.2

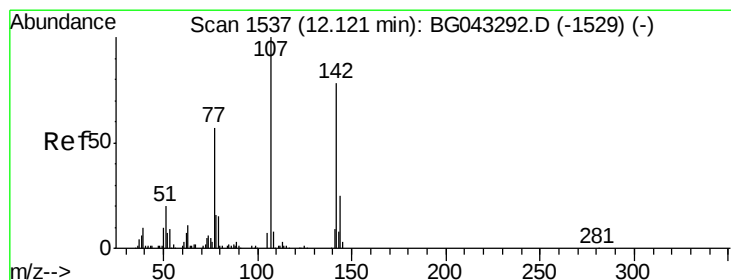
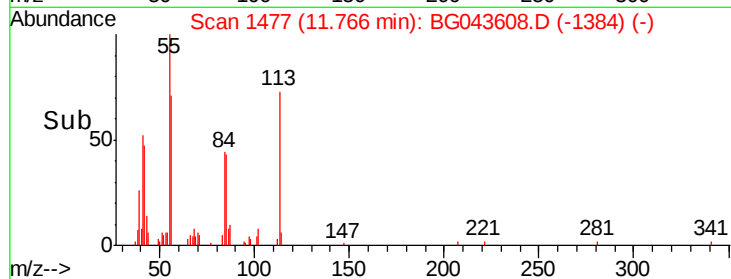
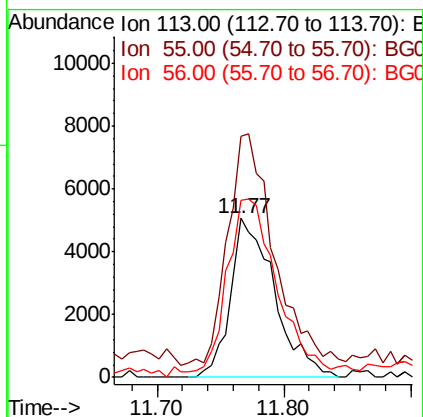
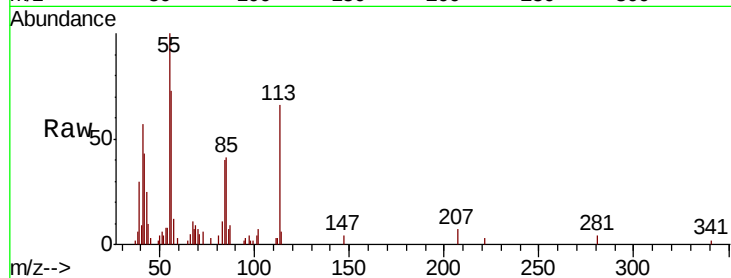




#35
 Caprolactam
 Concen: 12.957 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.02 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

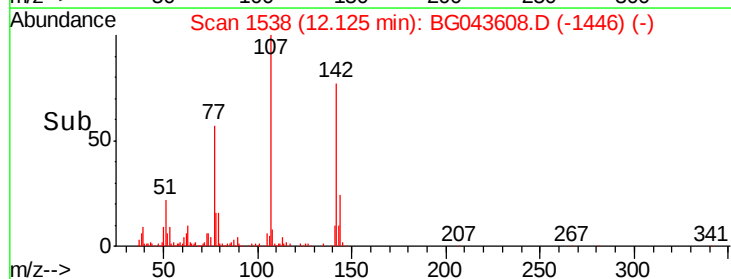
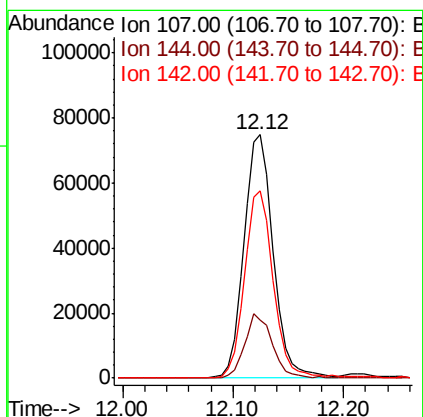
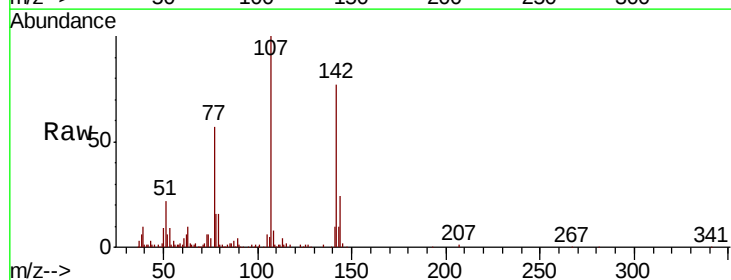
Instrument :
 BNA_G
 ClientSampleId :

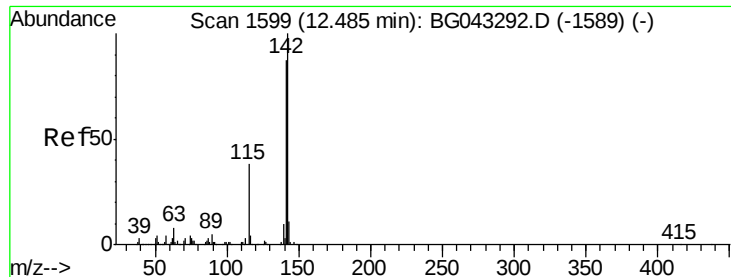
Tot Ion:113 Resp: 12207
 Ion Ratio Lower Upper
 113 100
 55 152.1 134.1 174.1
 56 111.6 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 46.779 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion:107 Resp: 139586
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.9 31.3
 142 76.9 59.6 89.4

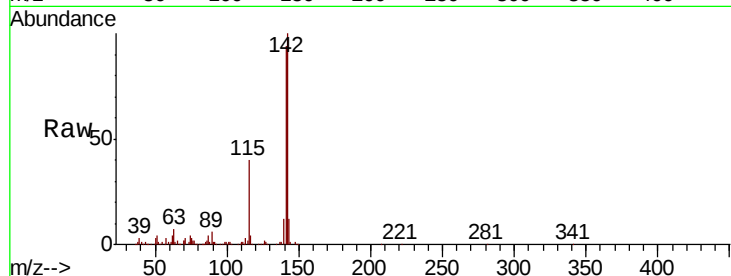




#37
 2-Methylnaphthalene
 Concen: 41.092 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	72.2	108.2
115	40.5	33.2	49.8

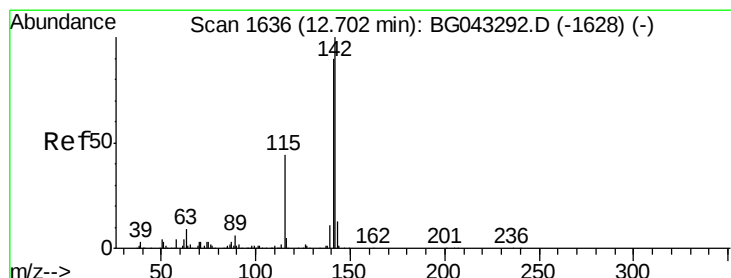
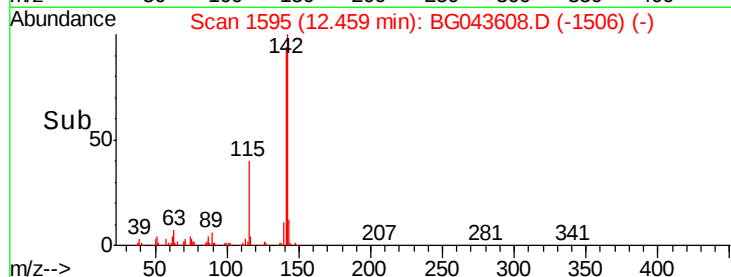
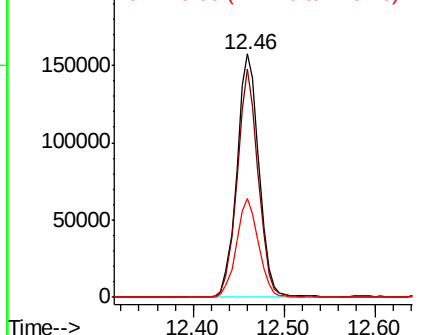


Abundance

Ion 142.00 (141.70 to 142.70): E

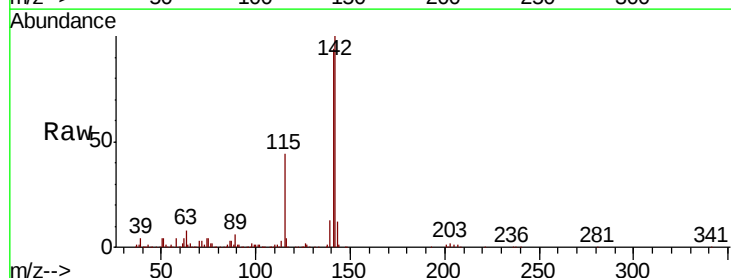
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 40.534 ng
 RT: 12.68 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.2	109.8
116	4.3	3.6	5.4

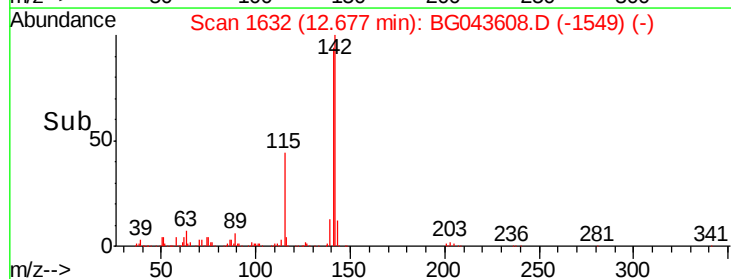
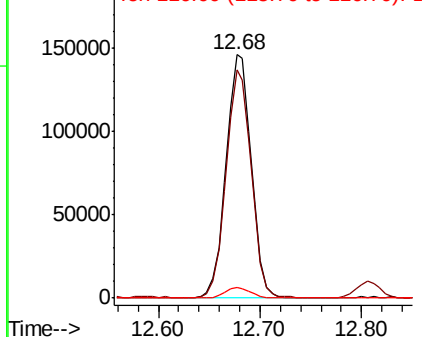


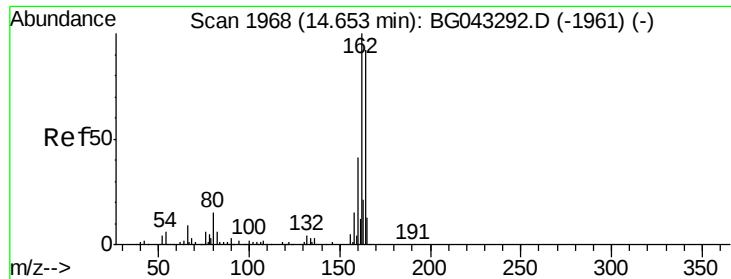
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

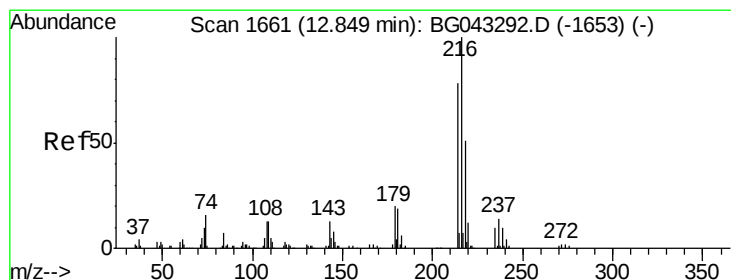
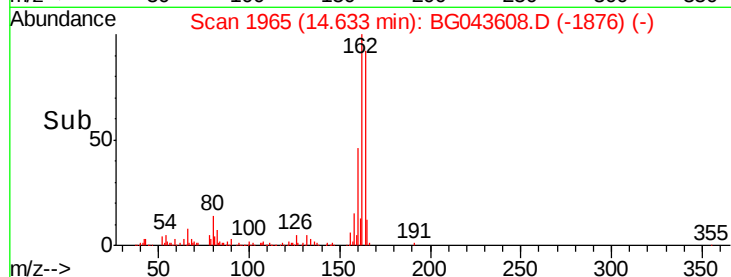
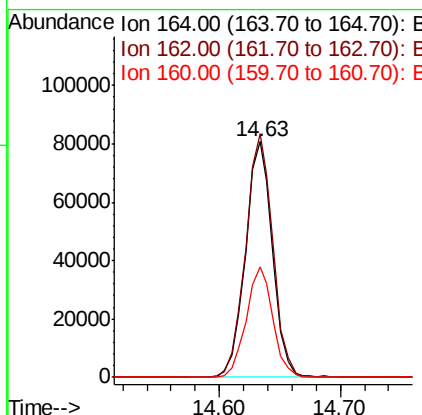
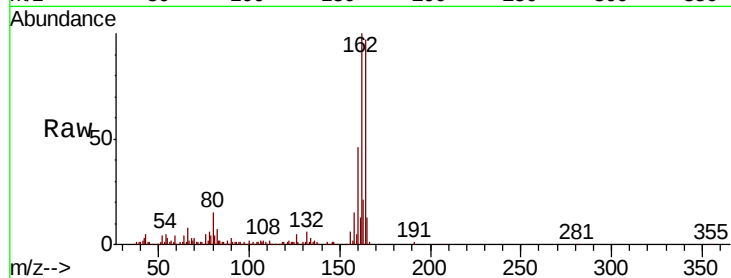




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

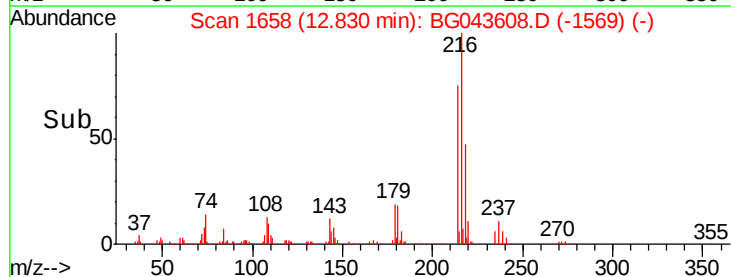
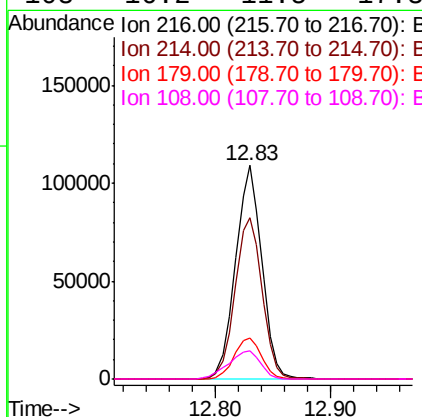
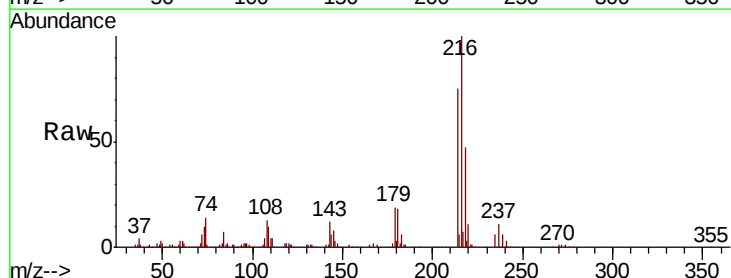
Instrument :
BNA_G
ClientSampled :

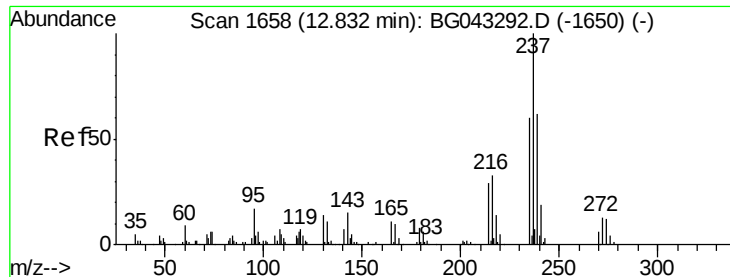
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.5	125.3
160	47.1	36.5	54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.102 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	61.7	92.5
179	20.1	15.8	23.8
108	16.2	11.5	17.3

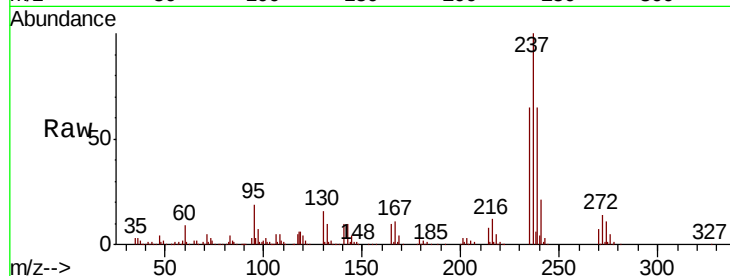




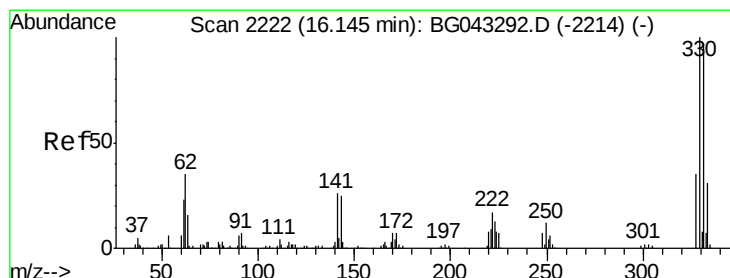
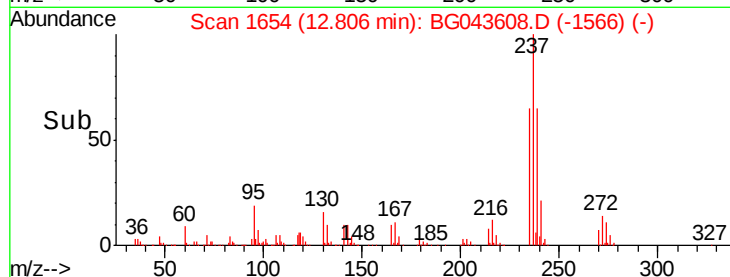
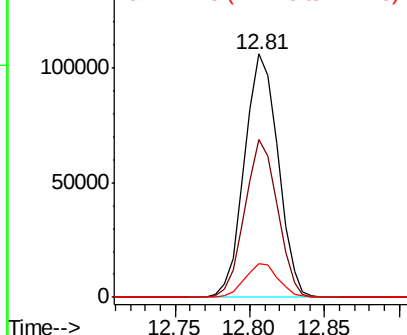
#41
Hexachlorocyclopentadiene
Concen: 68.046 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.8	41.6	81.6
272	13.7	0.0	32.5

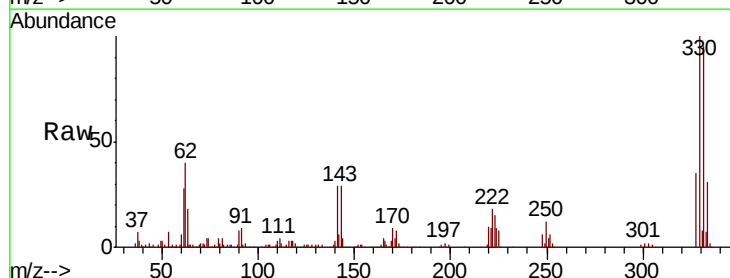


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

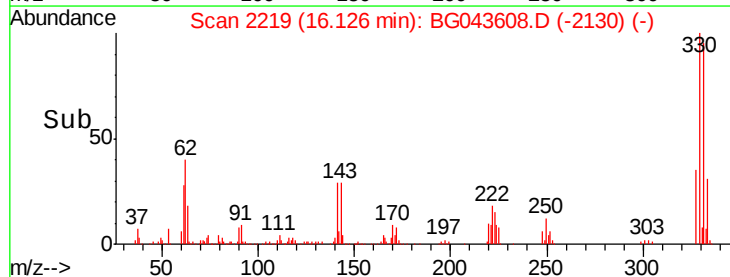
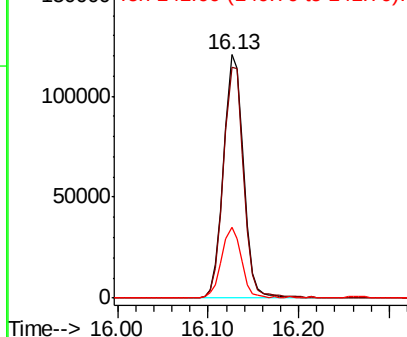


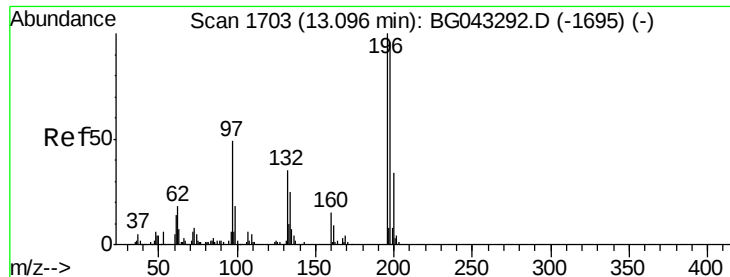
#42
2,4,6-Tribromophenol
Concen: 77.594 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	28.9	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

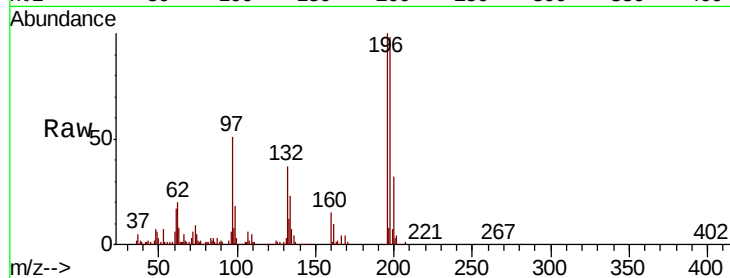




#43
 2,4,6-Trichlorophenol
 Concen: 43.891 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	119541
Ion Ratio	Lower	Upper	
196	100		
198	97.7	75.8	113.6
200	31.6	23.9	35.9

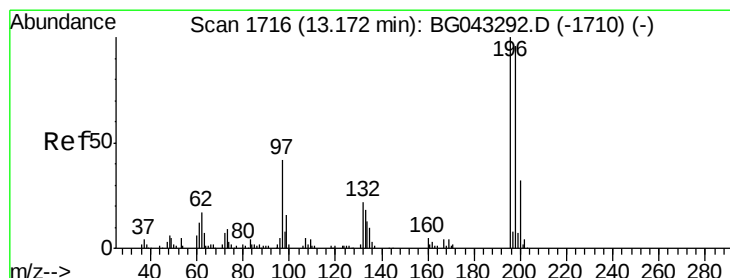
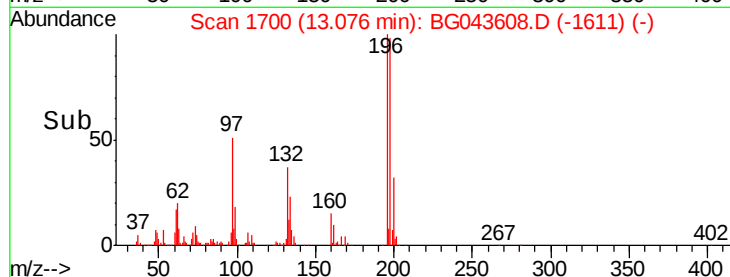
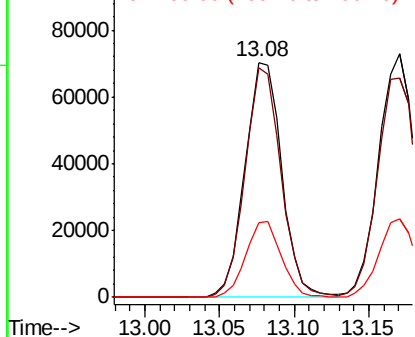


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.375 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion	196	Resp	127694
Ion Ratio	Lower	Upper	
196	100		
198	90.0	74.5	111.7
97	42.5	36.3	54.5
132	23.1	17.4	26.2

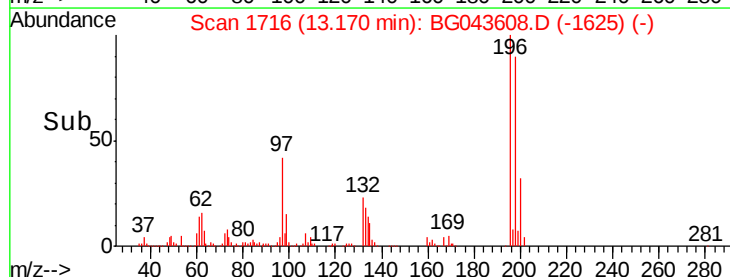
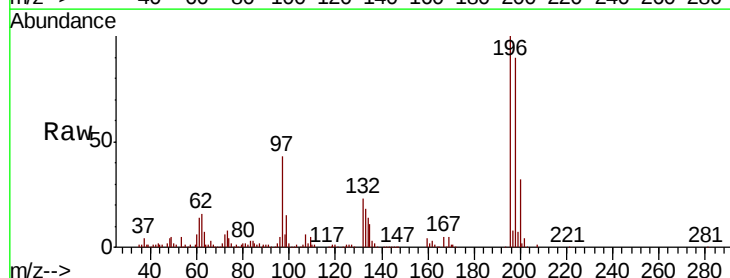
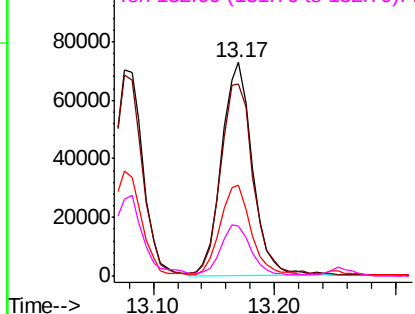
Abundance

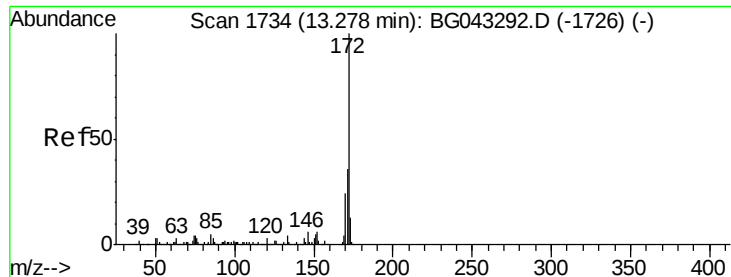
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

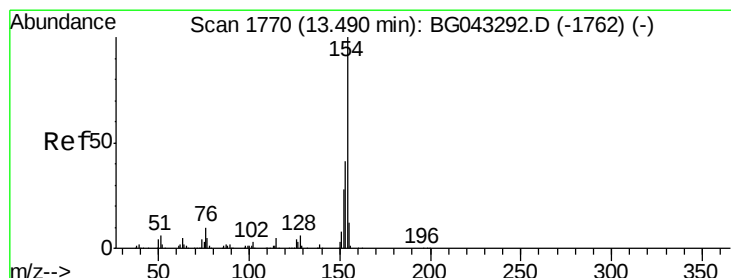
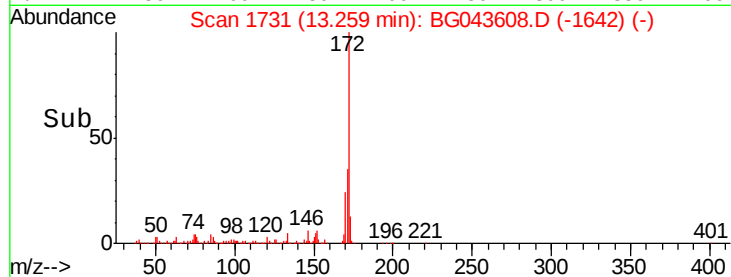
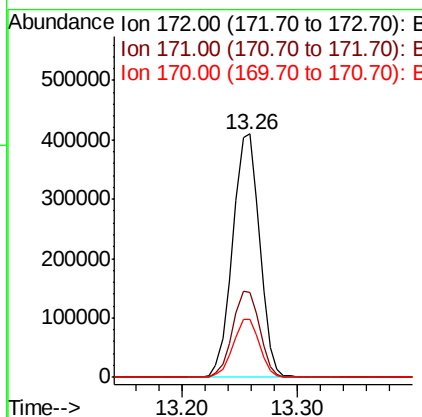
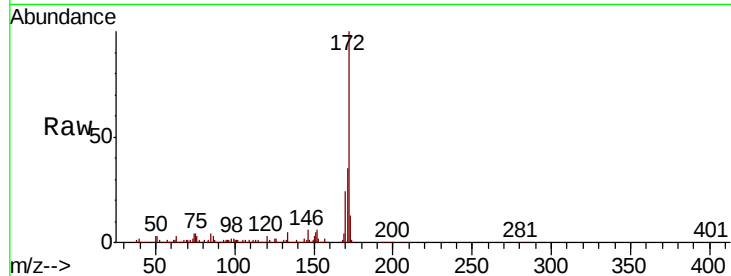




#45
2-Fluorobiphenyl
Concen: 73.548 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

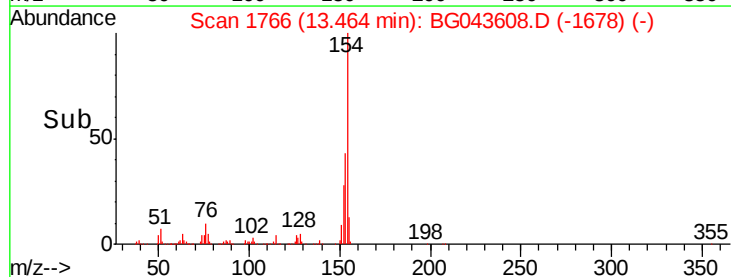
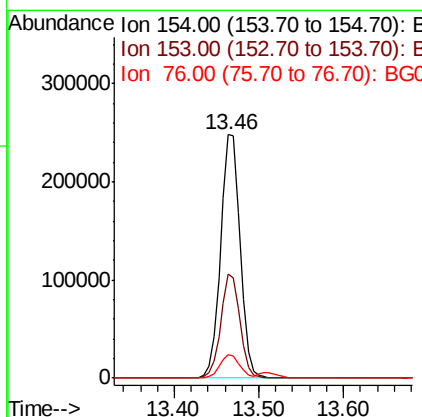
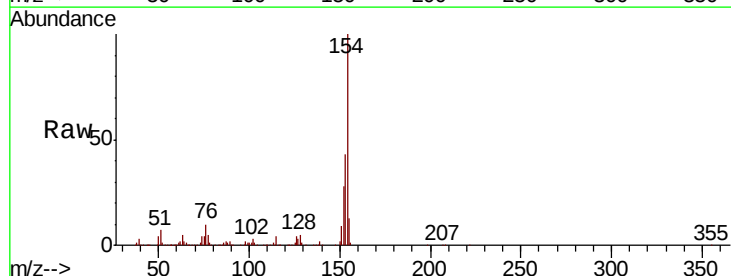
Instrument :
BNA_G
ClientSampleId :

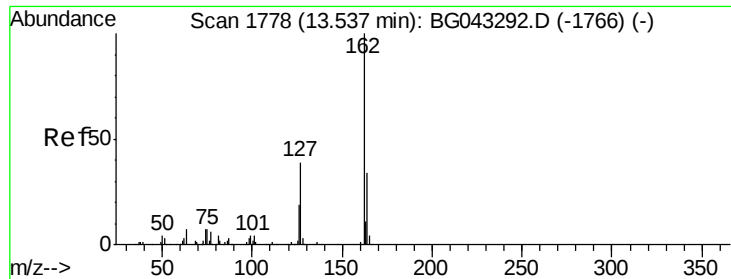
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.9	18.5	27.7



#46
1,1'-Biphenyl
Concen: 41.910 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	19.9	59.9
76	9.8	0.0	29.4

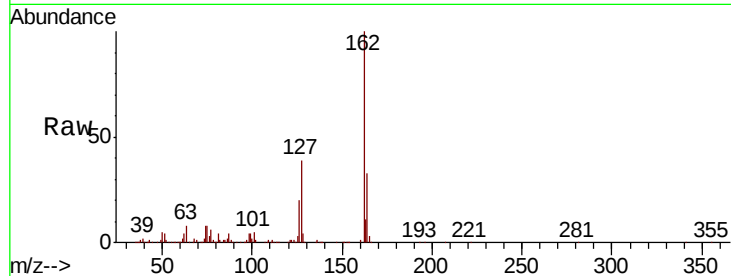




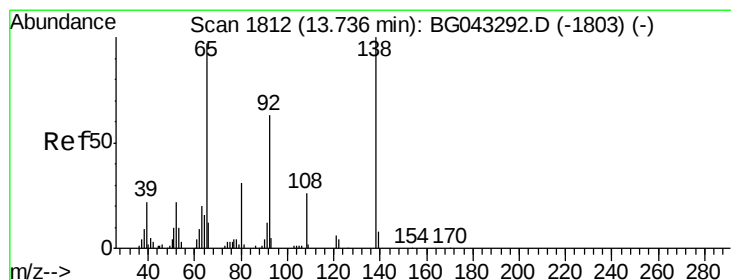
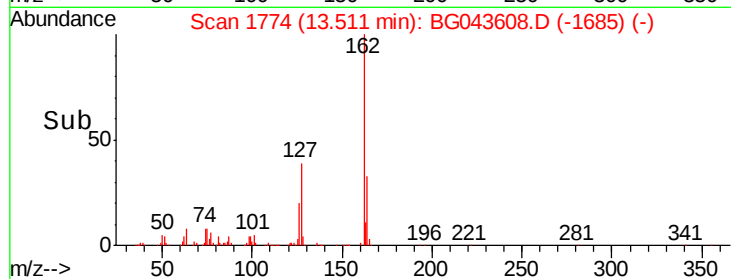
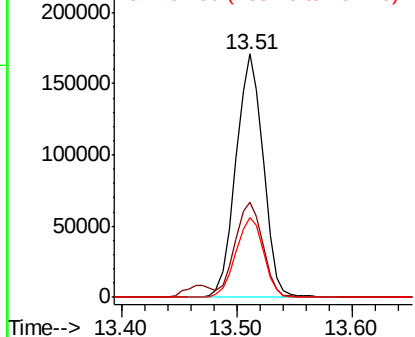
#47
 2-Chloronaphthalene
 Concen: 38.614 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.2	46.8
164	32.9	25.8	38.8

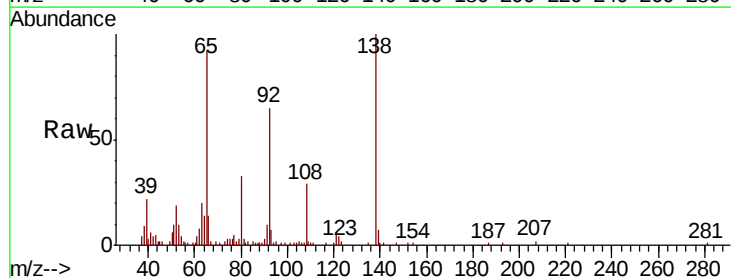


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

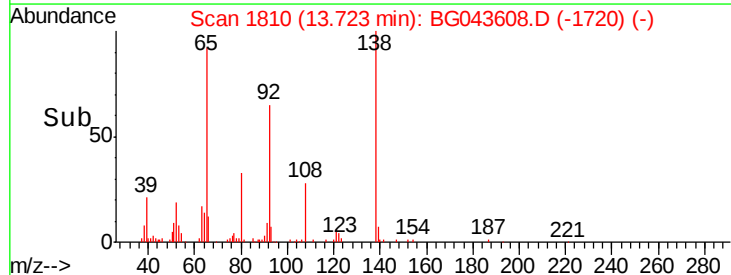
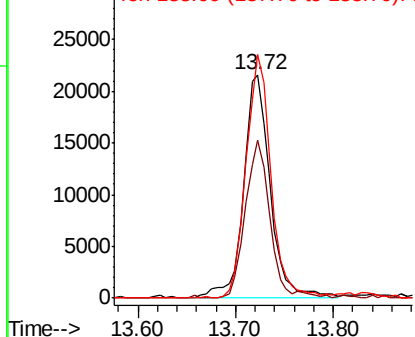


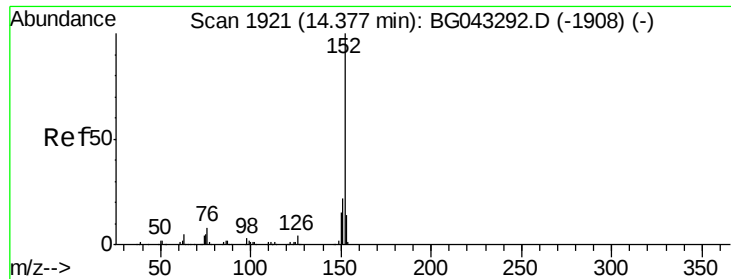
#48
 2-Nitroaniline
 Concen: 19.141 ng
 RT: 13.72 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	56.2	84.2
138	108.8	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: 39.929 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

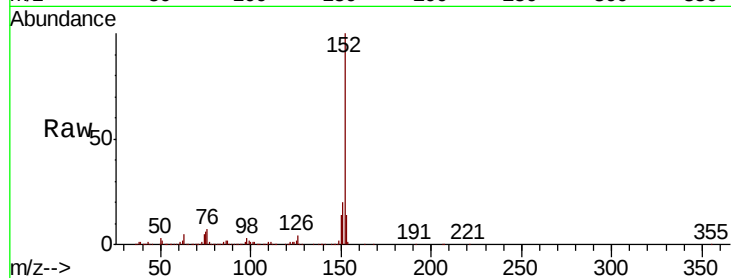
Tot Ion:152 Resp: 449515

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

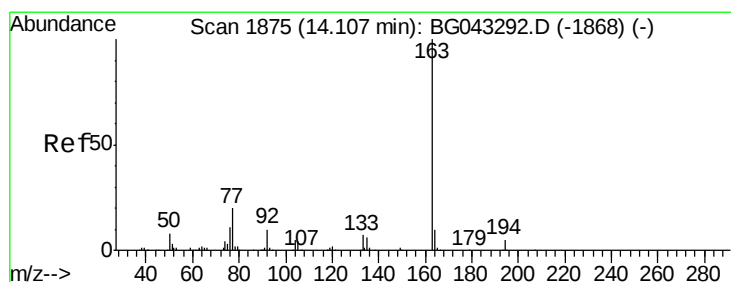
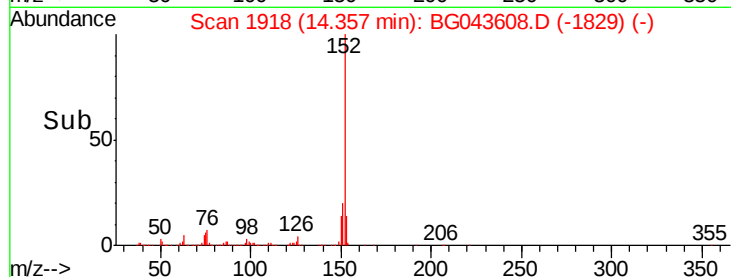
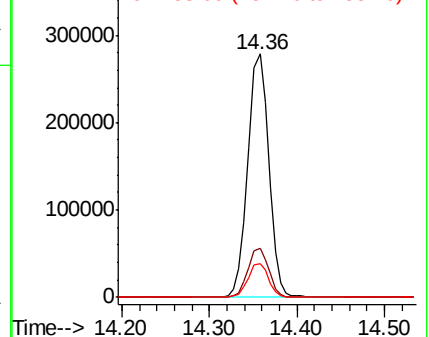
153 13.6 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.899 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

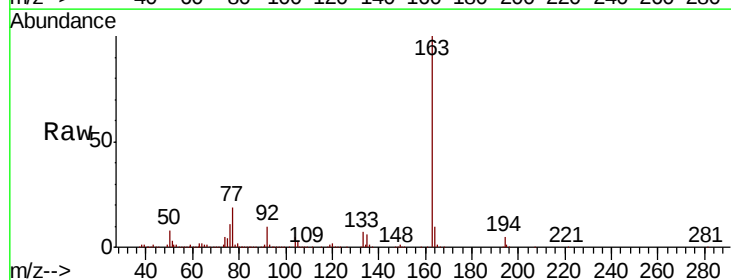
Tgt Ion:163 Resp: 463633

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

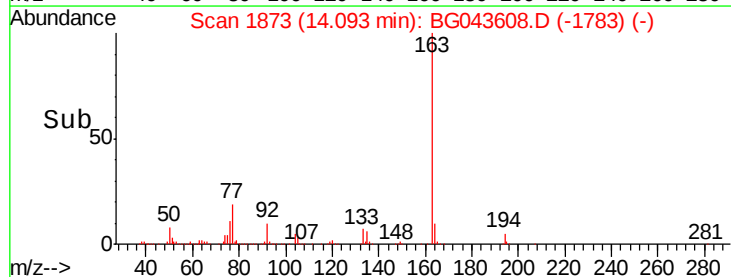
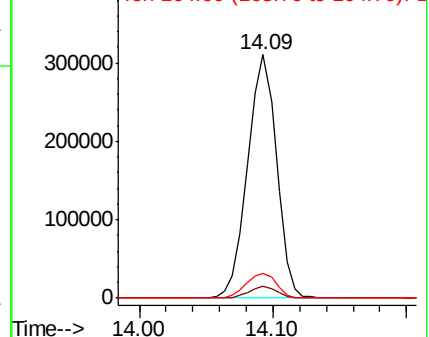
164 10.4 8.9 13.3

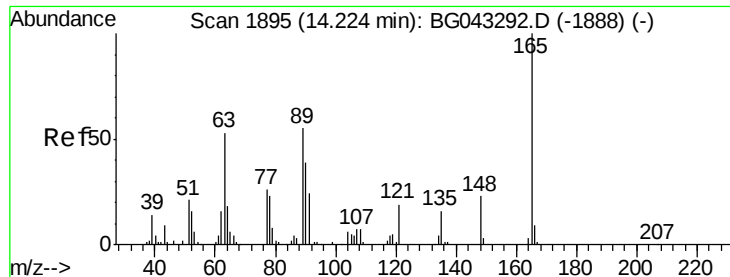


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

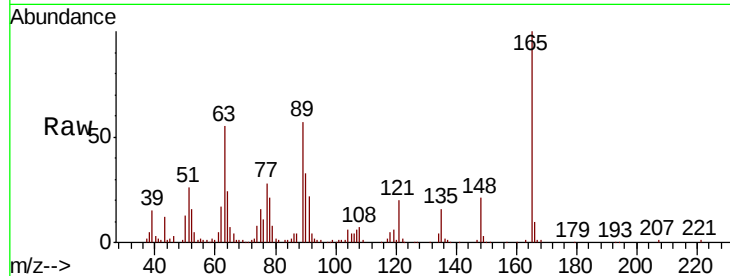




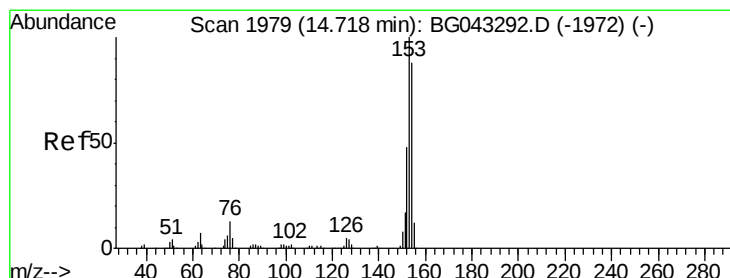
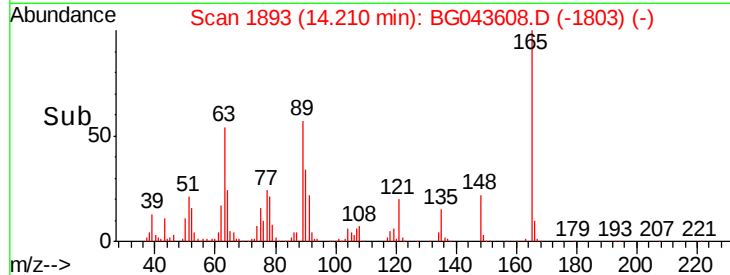
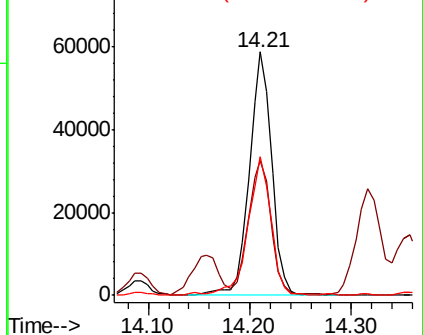
#51
 2,6-Dinitrotoluene
 Concen: 42.665 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 89718
 Ion Ratio Lower Upper
 165 100
 63 55.4 46.6 69.8
 89 57.0 45.1 67.7

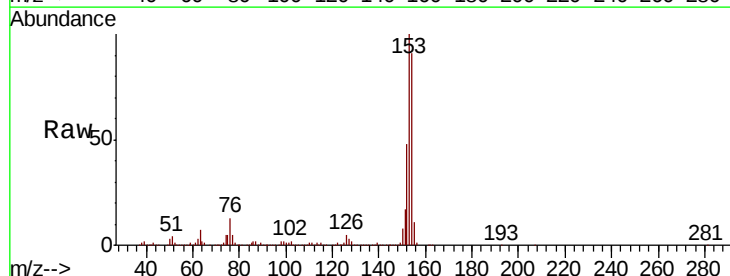


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

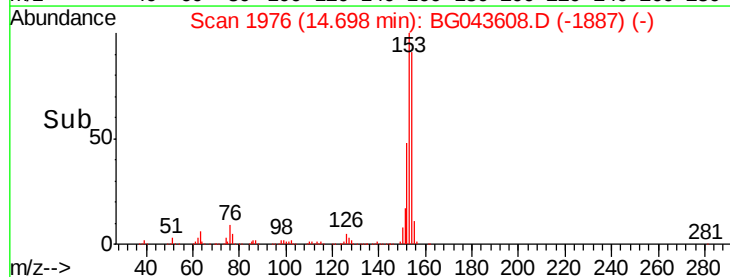
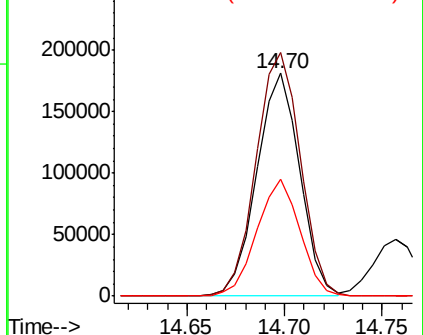


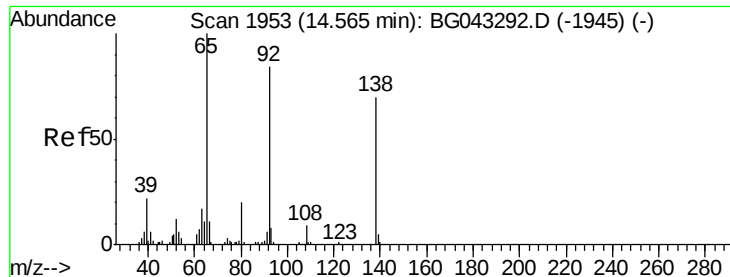
#52
 Acenaphthene
 Concen: 40.133 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion:154 Resp: 275528
 Ion Ratio Lower Upper
 154 100
 153 109.4 88.2 132.2
 152 52.5 40.0 60.0



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

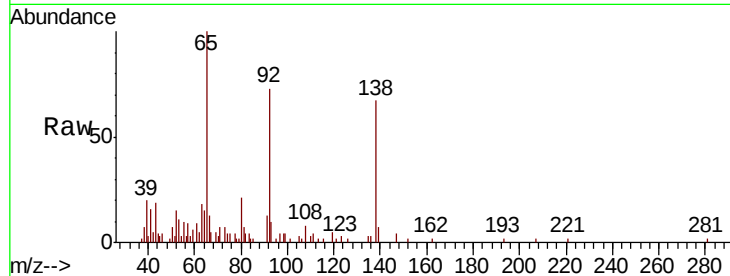




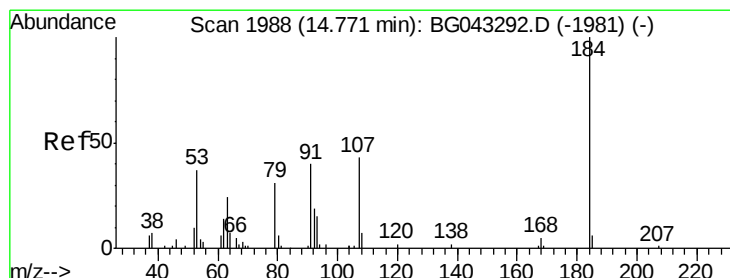
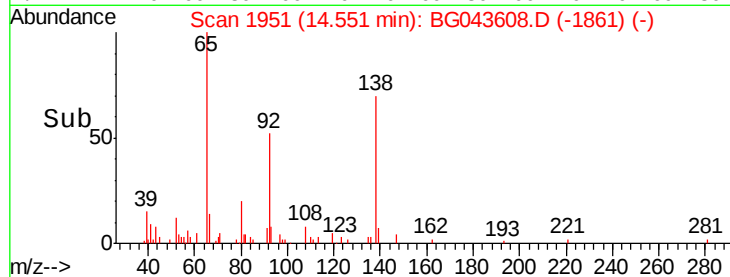
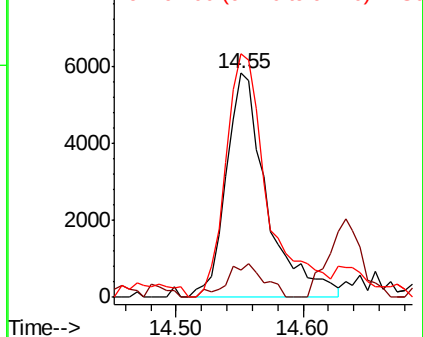
#53
3-Nitroaniline
Concen: 6.366 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 12925
Ion Ratio Lower Upper
138 100
108 12.1 8.0 12.0#
92 108.5 90.9 136.3

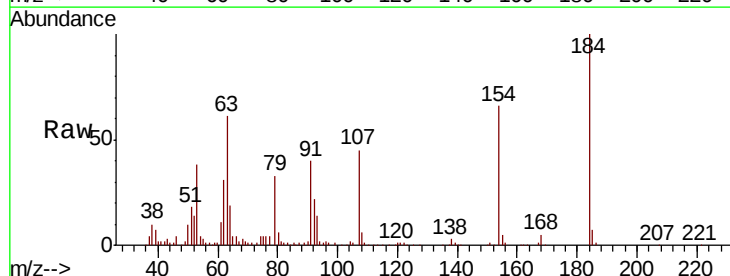


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

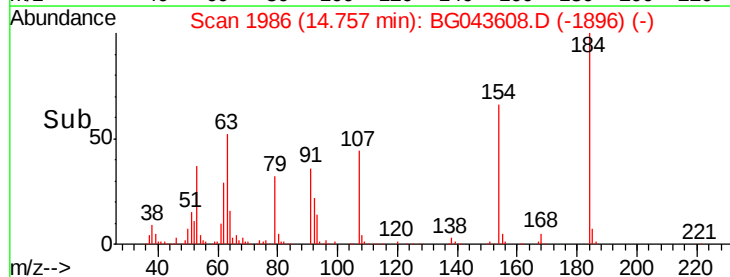
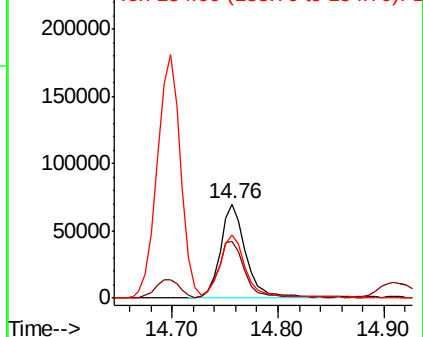


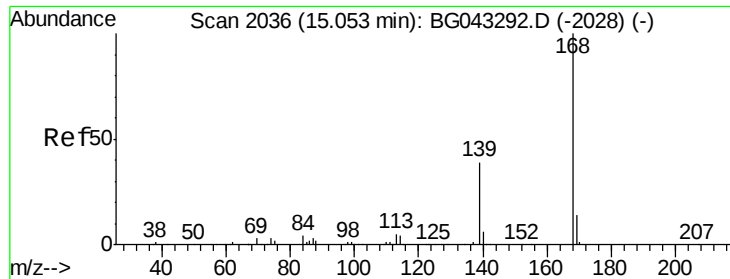
#54
2,4-Dinitrophenol
Concen: 88.543 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion:184 Resp: 117391
Ion Ratio Lower Upper
184 100
63 60.6 51.3 76.9
154 66.5 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: 41.293 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

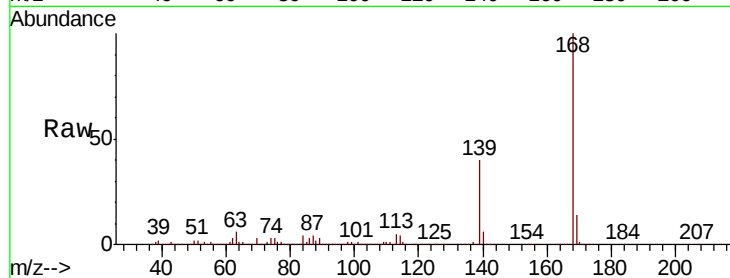
Tot Ion:168 Resp: 459731

Ion Ratio Lower Upper

168 100

139 39.7 31.0 46.6

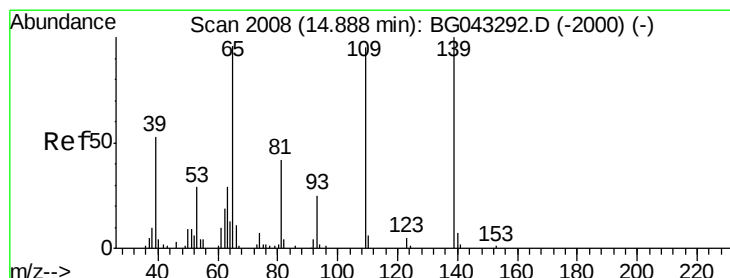
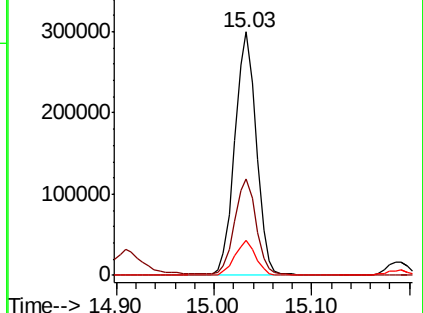
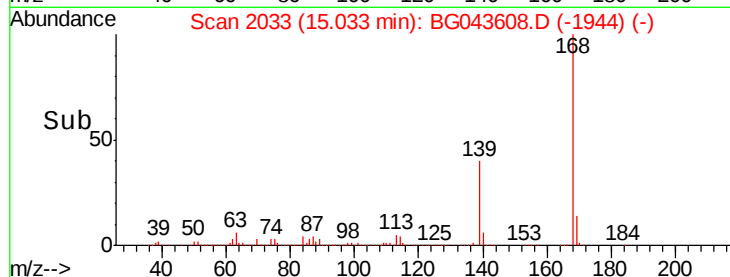
169 14.4 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 52.917 ng

RT: 14.91 min Scan# 2012

Delta R.T. 0.03 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

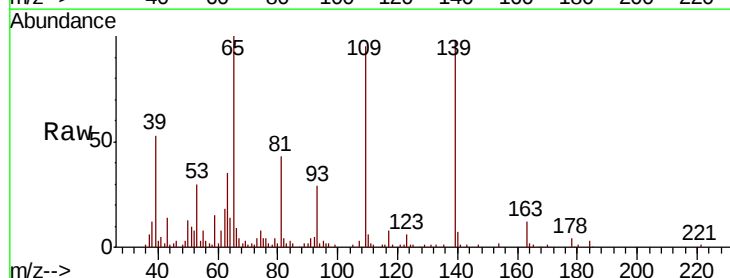
Tgt Ion:139 Resp: 71996

Ion Ratio Lower Upper

139 100

109 97.6 87.2 127.2

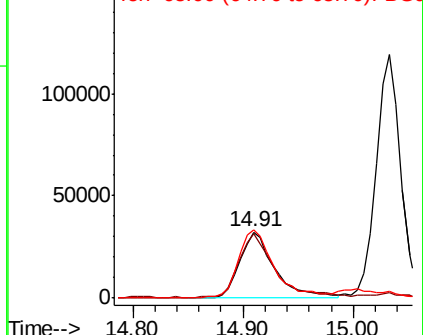
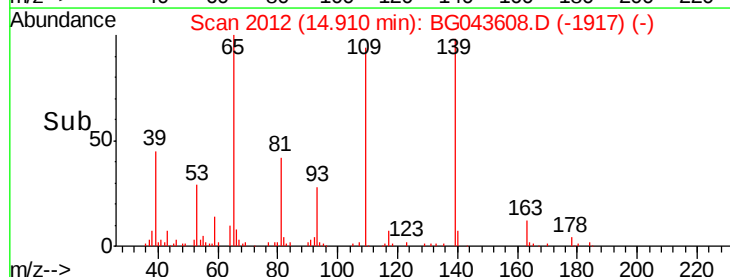
65 102.5 83.8 123.8

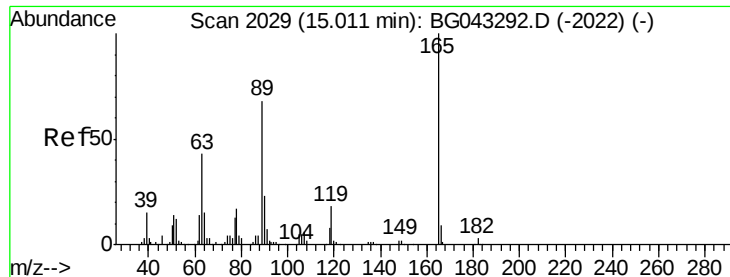


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

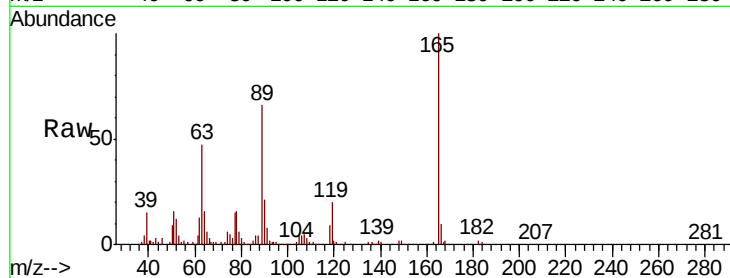




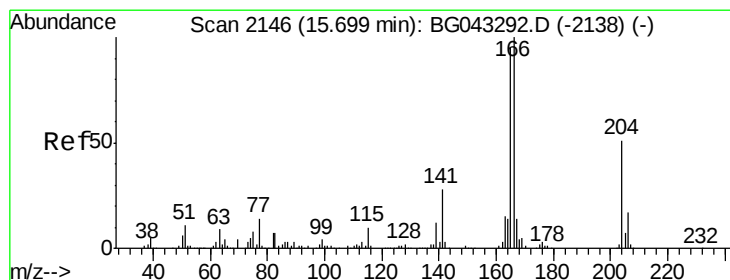
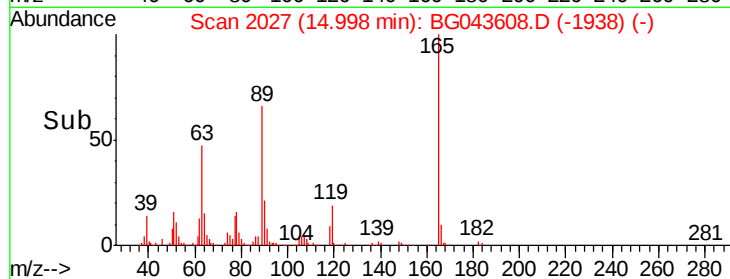
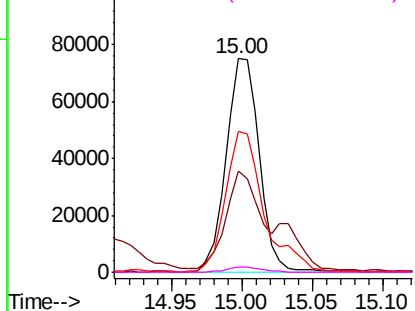
#57
 2,4-Dinitrotoluene
 Concen: 40.935 ng
 RT: 15.00 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	123017
Ion Ratio	Lower	Upper
165	100	
63	47.2	33.2 49.8
89	66.1	52.2 78.4
182	2.3	2.0 3.0

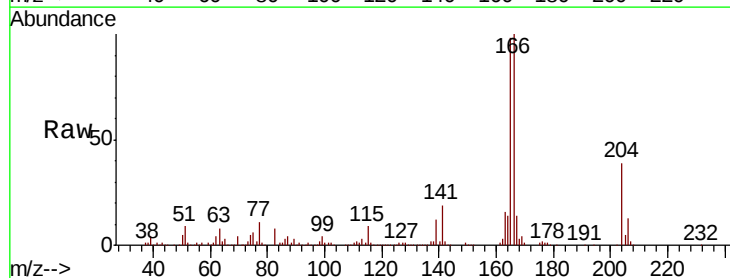


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

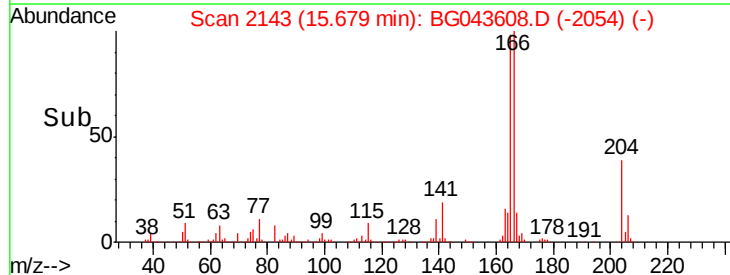
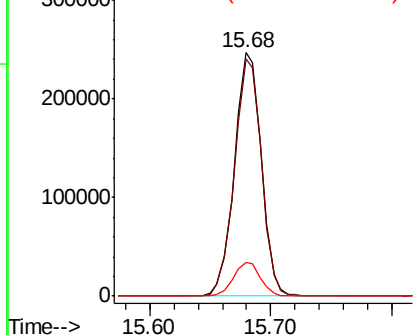


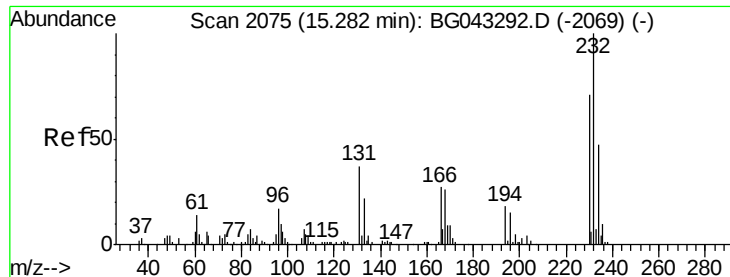
#58
 Fluorene
 Concen: 41.102 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion:166	Resp:	383796
Ion Ratio	Lower	Upper
166	100	
165	97.6	79.0 118.6
167	13.7	10.5 15.7



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.066 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 128915

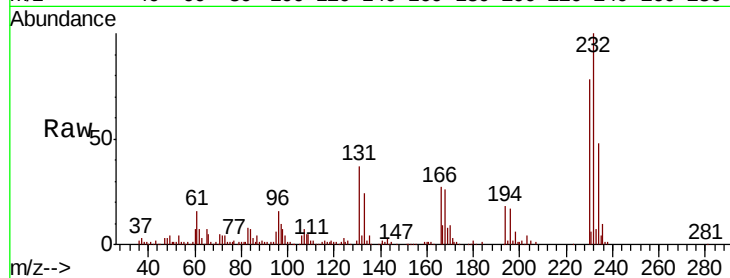
Ion Ratio Lower Upper

232 100

131 35.7 26.9 40.3

130 2.3 1.8 2.6

166 25.7 20.9 31.3

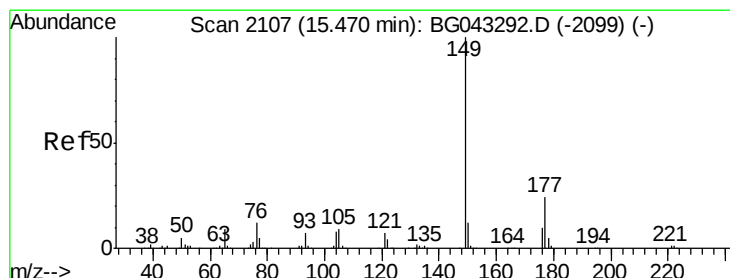
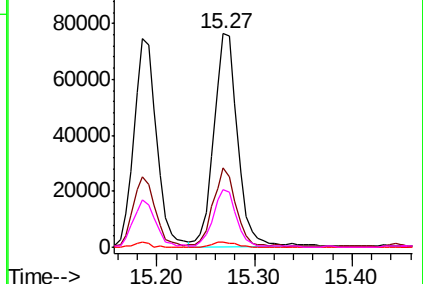
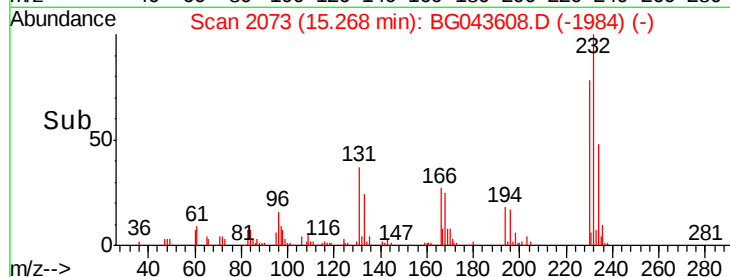


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.763 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

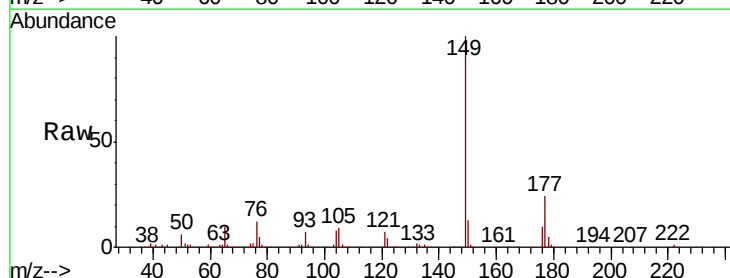
Tgt Ion:149 Resp: 406181

Ion Ratio Lower Upper

149 100

177 24.0 19.6 29.4

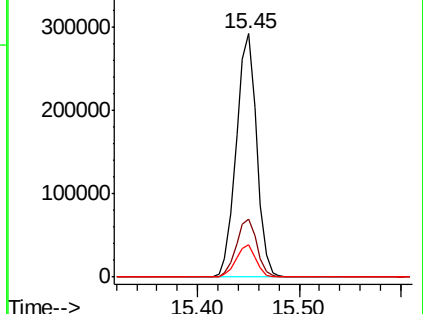
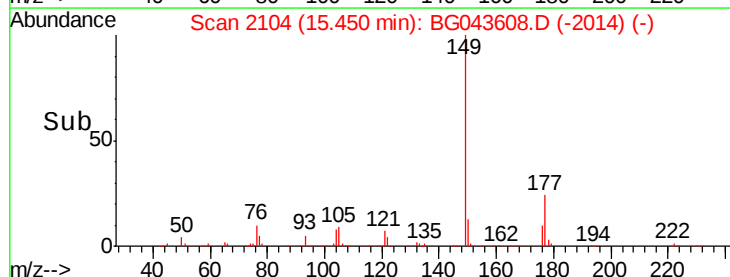
150 13.4 10.8 16.2

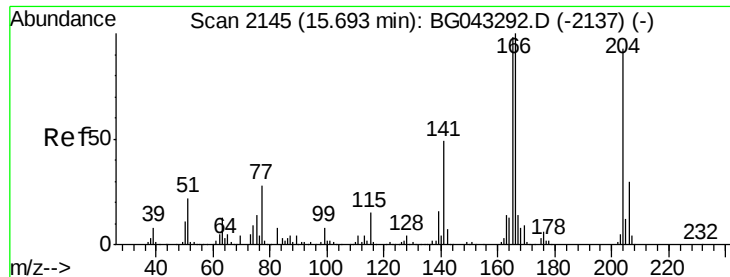


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

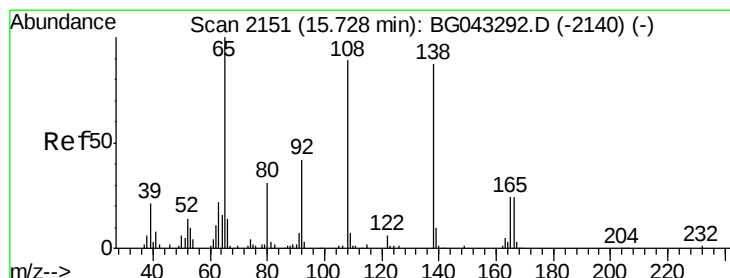
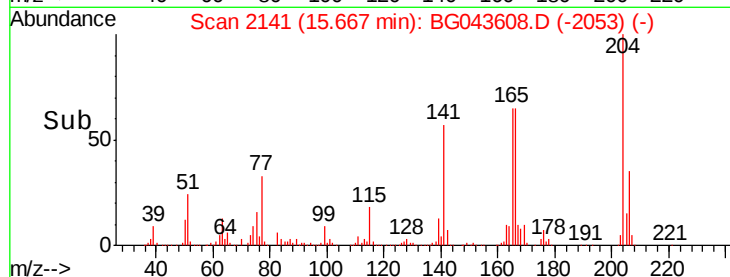
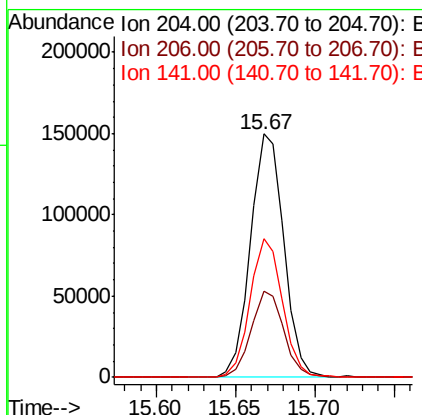
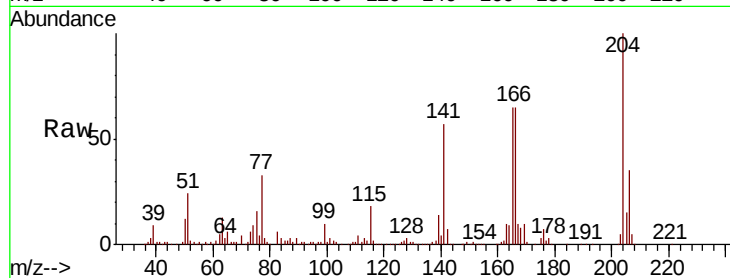




#61
 4-Chlorophenyl-phenylether
 Concen: 40.227 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

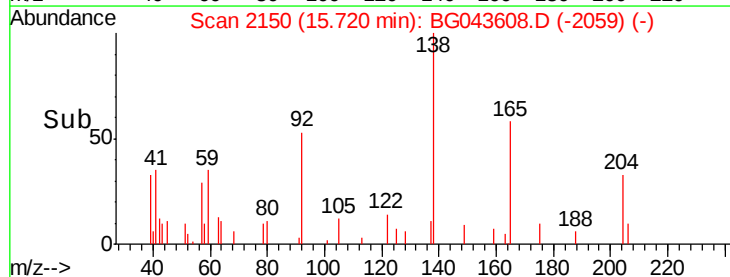
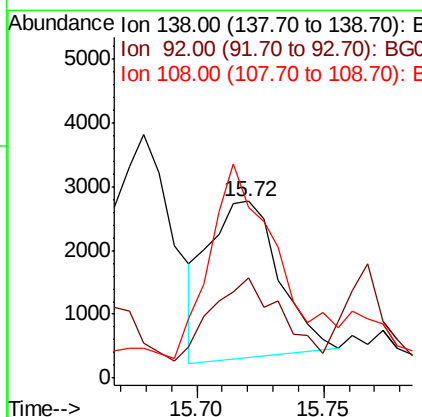
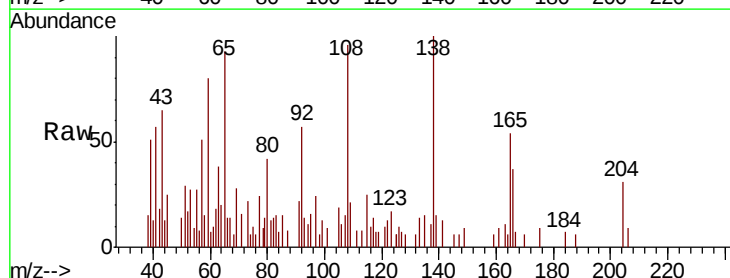
Instrument :
 BNA_G
 ClientSampled :

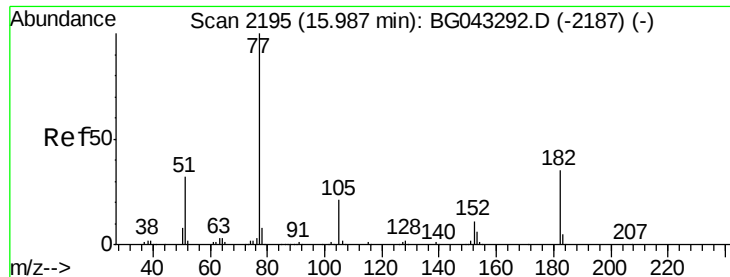
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	28.4	42.6
141	56.8	43.0	64.6



#62
 4-Nitroaniline
 Concen: 2.252 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.0	33.4	73.4
108	96.3	78.0	118.0

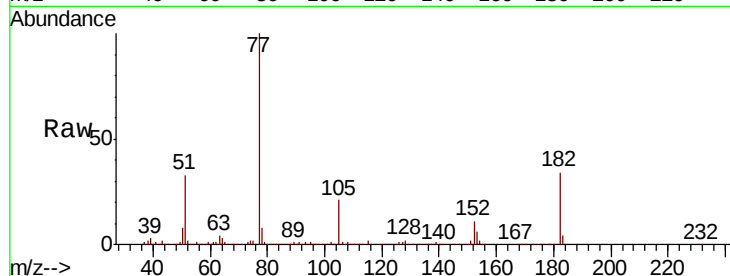




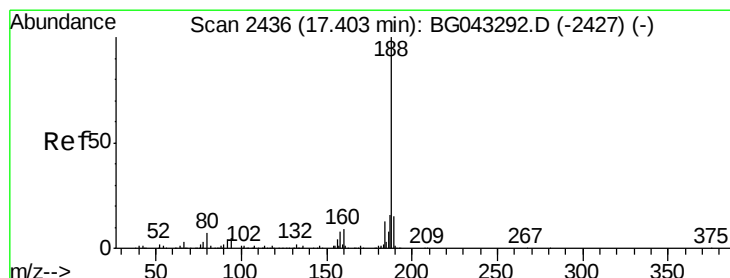
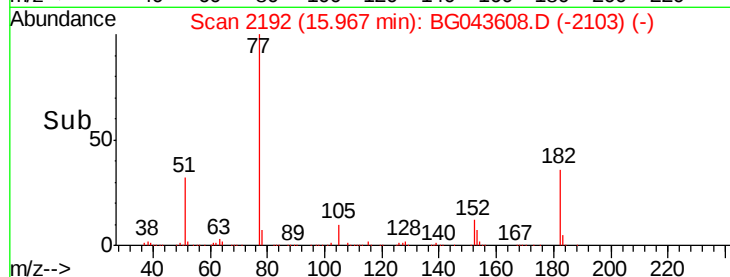
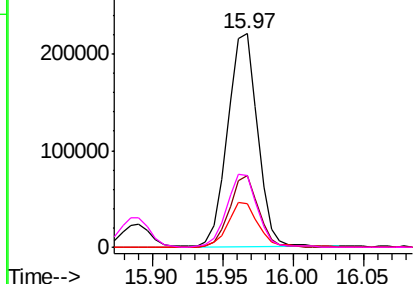
#63
Azobenzene
Concen: 41.396 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	325836
Ion	Ratio	Lower	Upper
77	100		
182	33.6	13.7	53.7
105	20.6	0.4	40.4
51	33.4	11.0	51.0

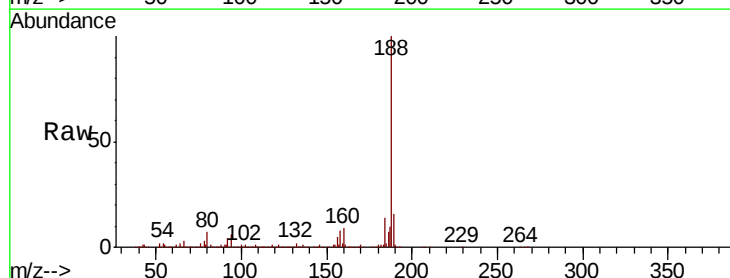


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

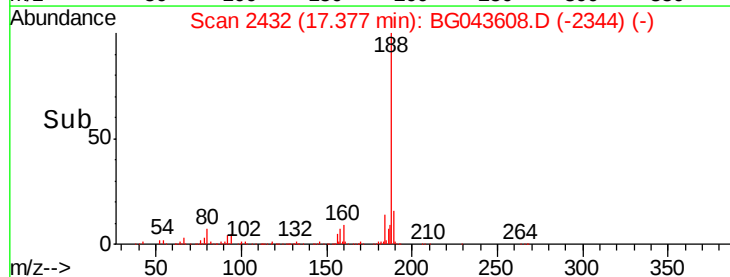
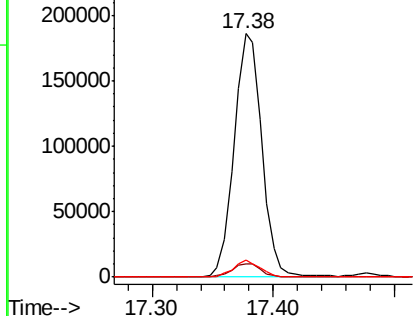


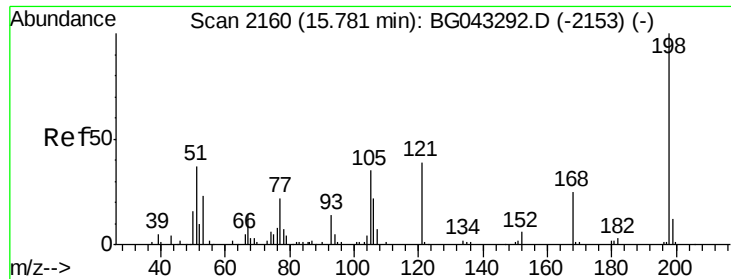
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion:	188	Resp:	298094
Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.4
80	7.1	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: 44.047 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

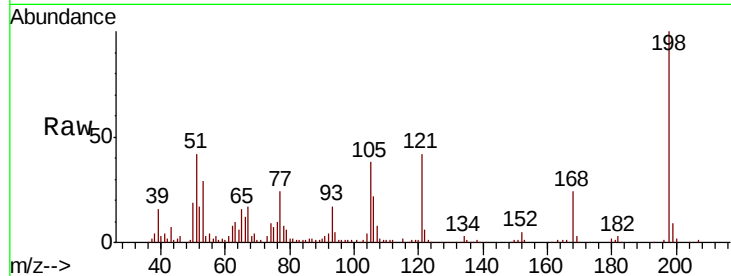
Tot Ion:198 Resp: 77271

Ion Ratio Lower Upper

198 100

51 41.7 13.2 53.2

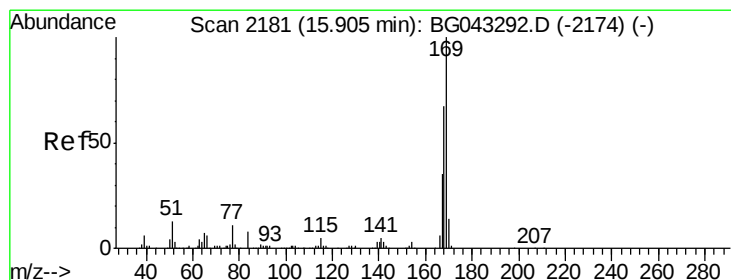
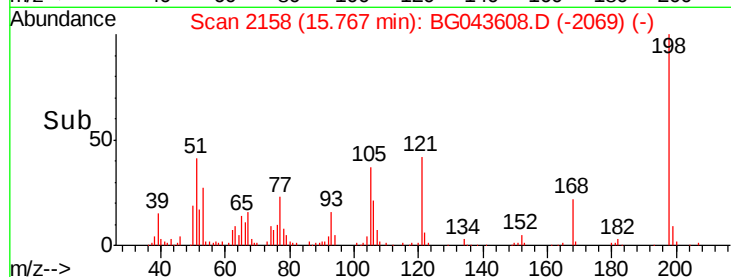
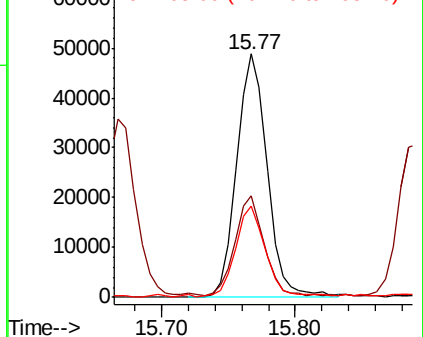
105 37.7 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.241 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

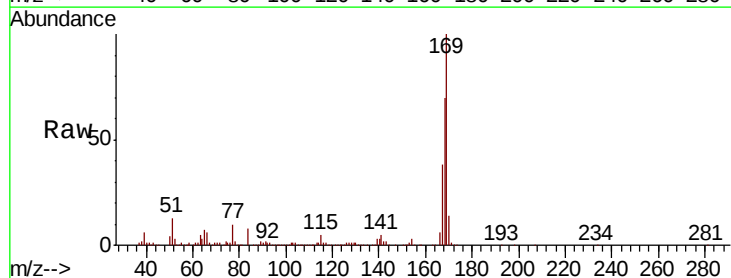
Tgt Ion:169 Resp: 338668

Ion Ratio Lower Upper

169 100

168 69.7 53.8 80.6

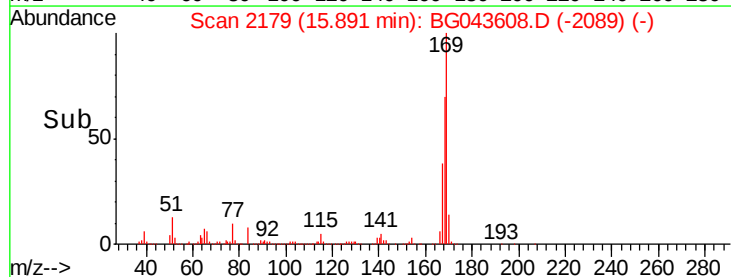
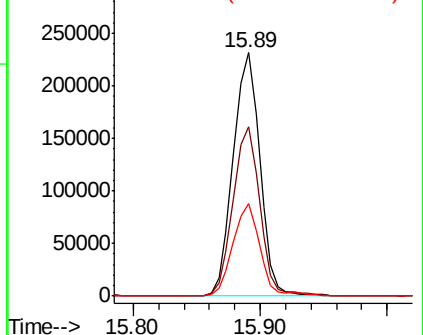
167 38.0 27.5 41.3

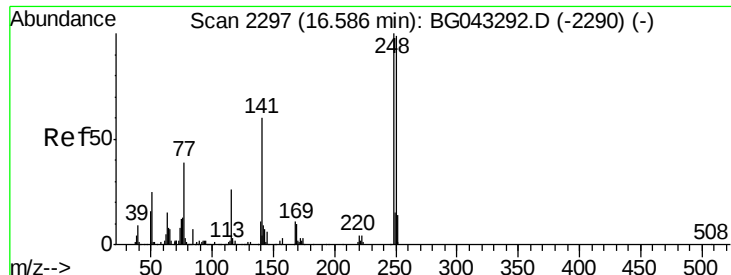


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

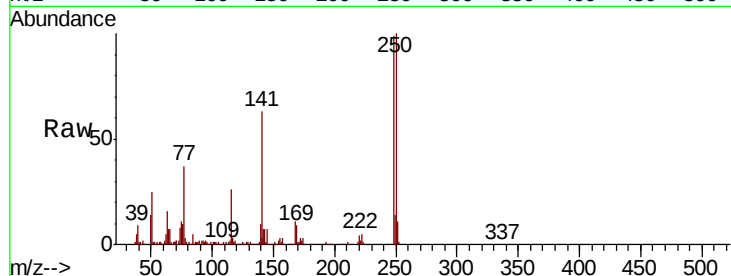




#67
4-Bromophenyl-phenylether
Concen: 39.079 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.6	77.0	115.4
141	63.5	47.5	71.3

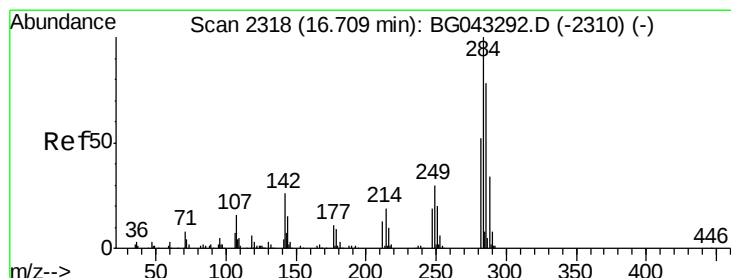
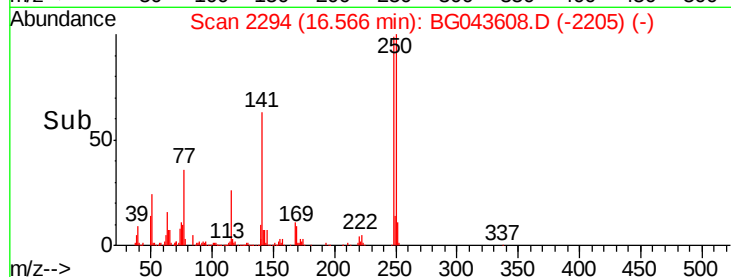
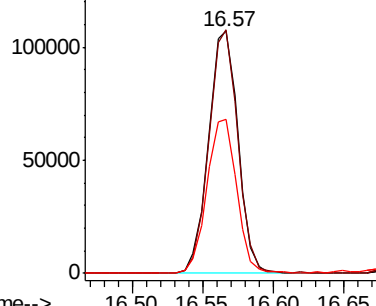


Abundance

Ion 248.00 (247.70 to 248.70): E

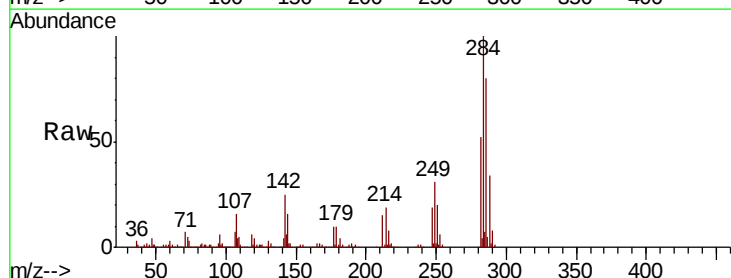
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.036 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	19.8	29.8
249	30.6	23.8	35.6

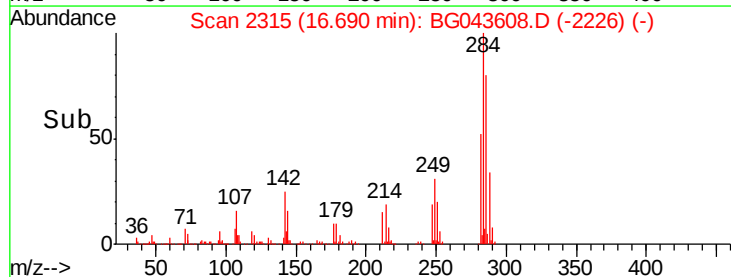
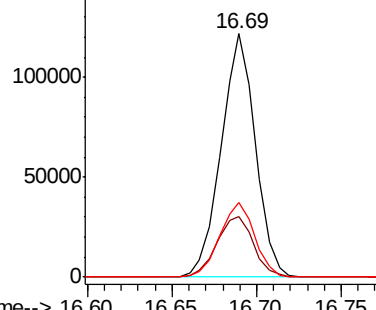


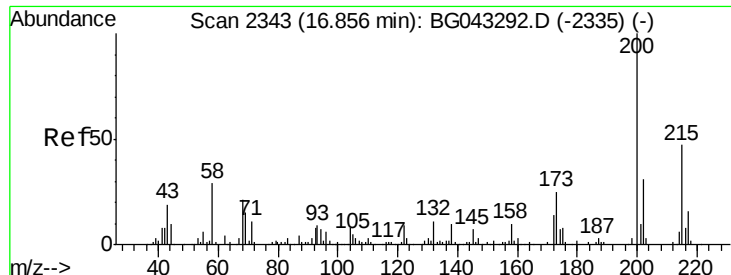
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 47.654 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampled :

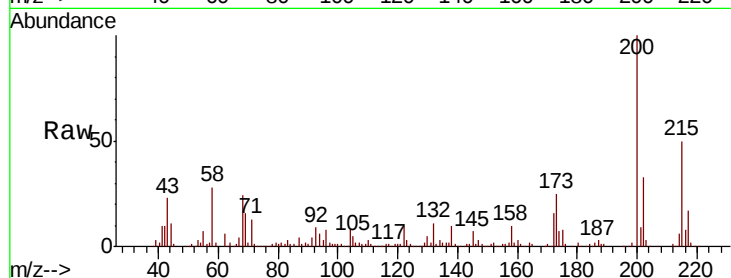
Tot Ion:200 Resp: 139357

Ion Ratio Lower Upper

200 100

173 25.2 4.7 44.7

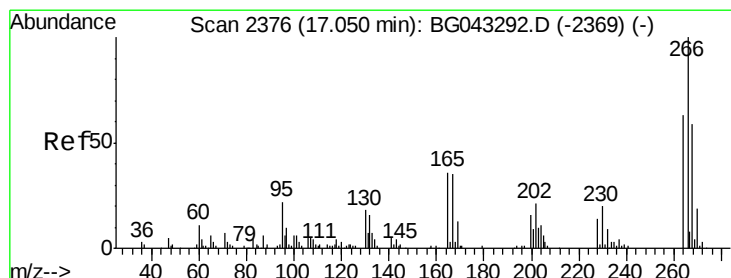
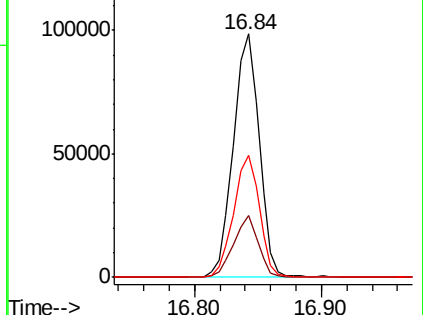
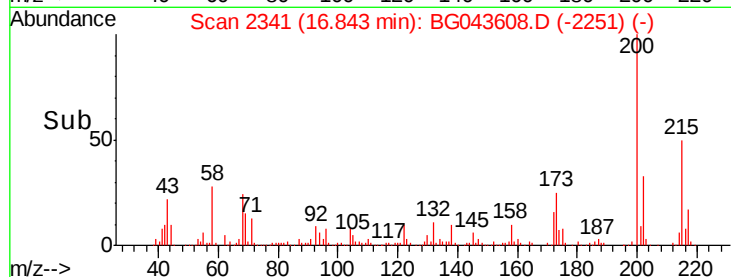
215 50.1 28.5 68.5



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: 81.823 ng

RT: 17.04 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

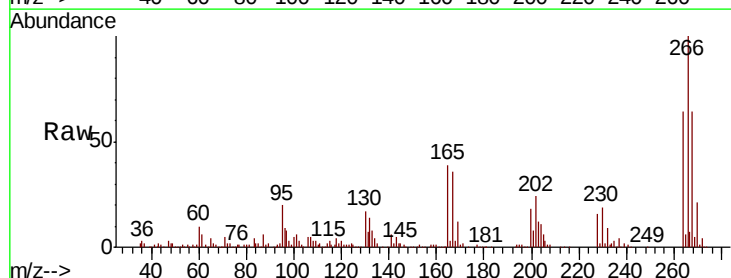
Tgt Ion:266 Resp: 171688

Ion Ratio Lower Upper

266 100

268 64.1 50.4 75.6

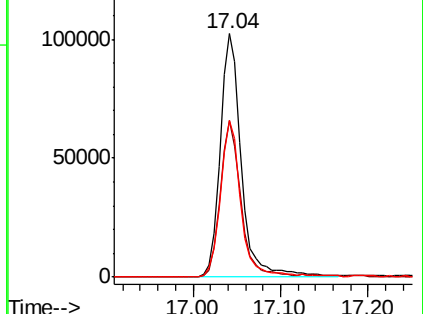
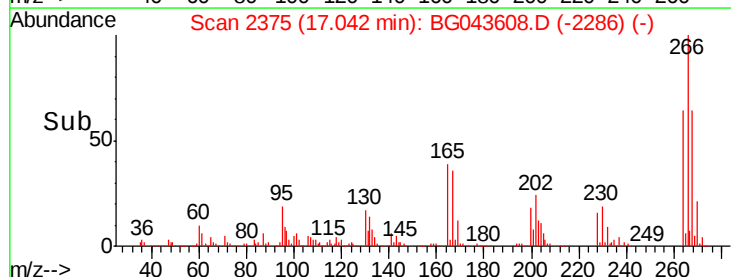
264 64.1 48.9 73.3

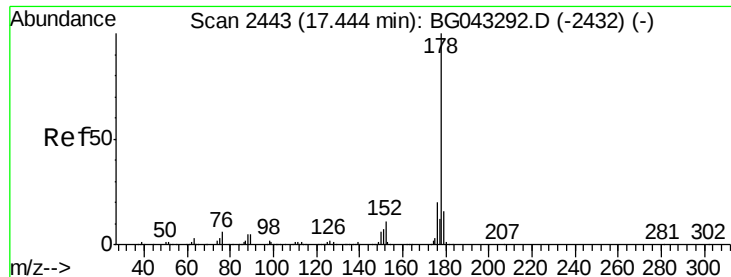


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

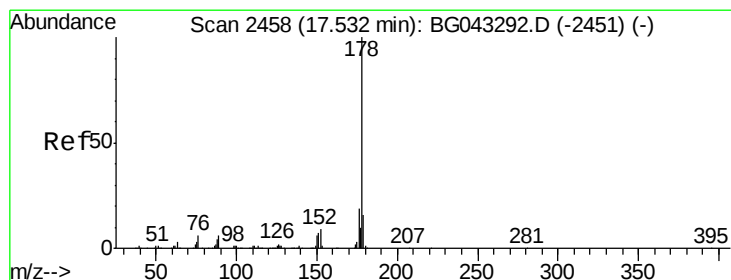
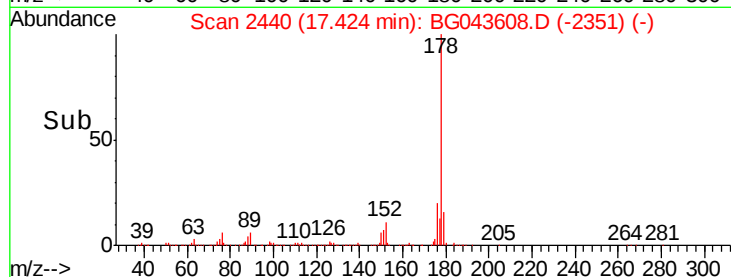
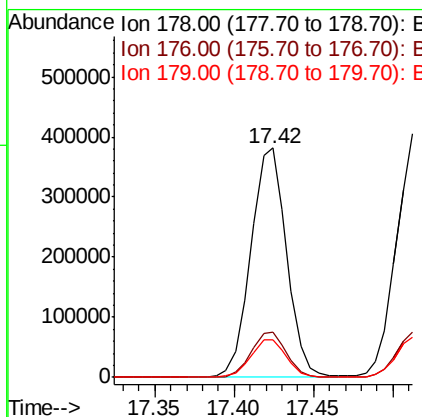
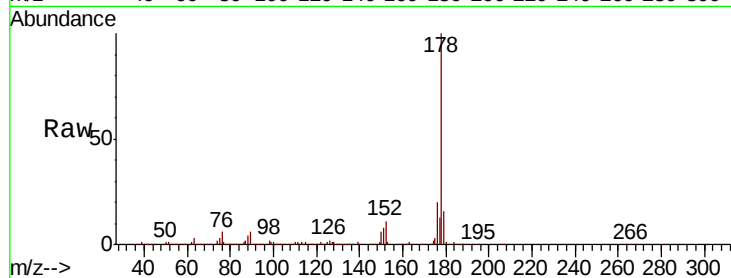




#71
Phenanthrene
Concen: 39.061 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

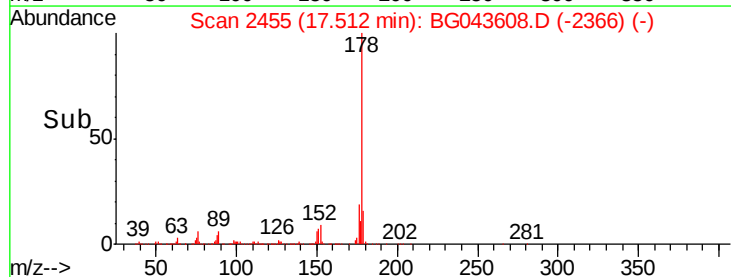
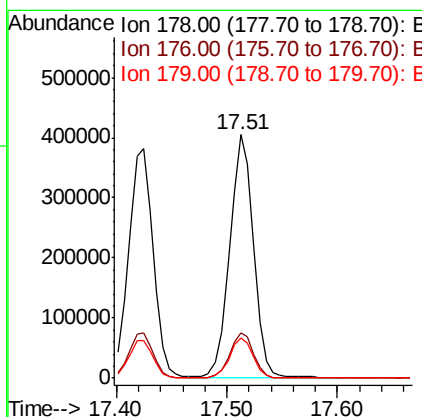
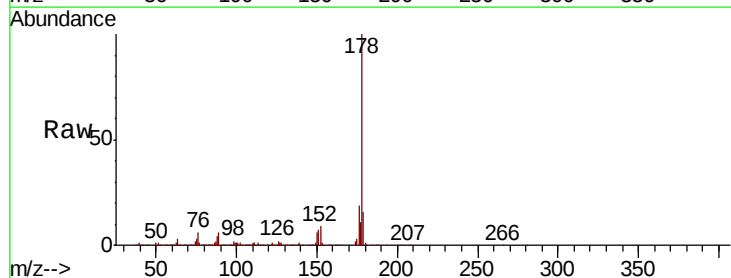
Instrument :
BNA_G
ClientSampled :

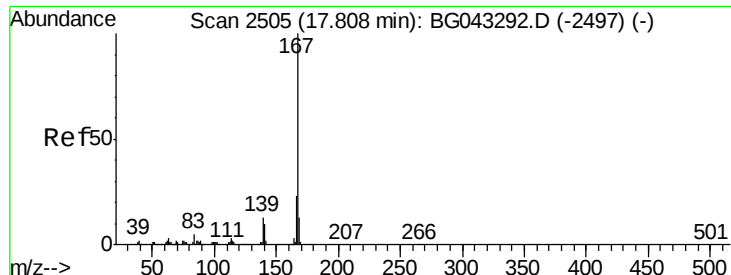
Tot Ion:178 Resp: 596257
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 16.5 13.0 19.6



#72
Anthracene
Concen: 40.082 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion:178 Resp: 612152
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 16.3 13.7 20.5

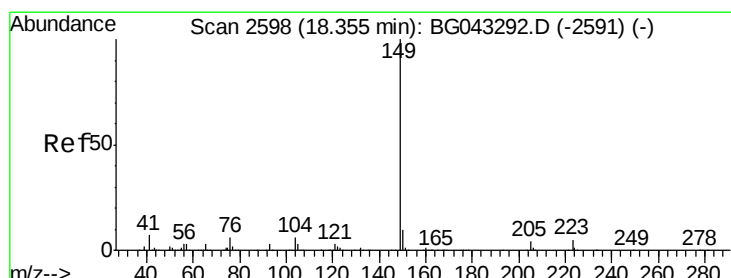
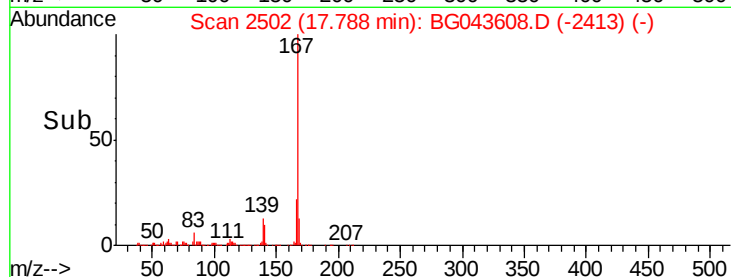
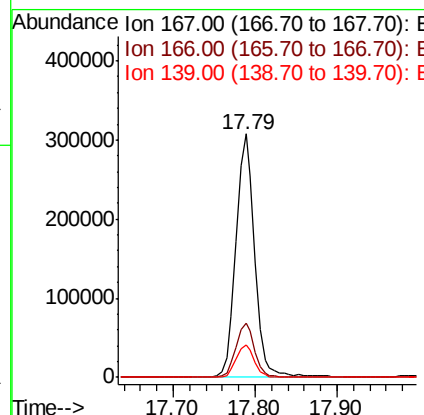
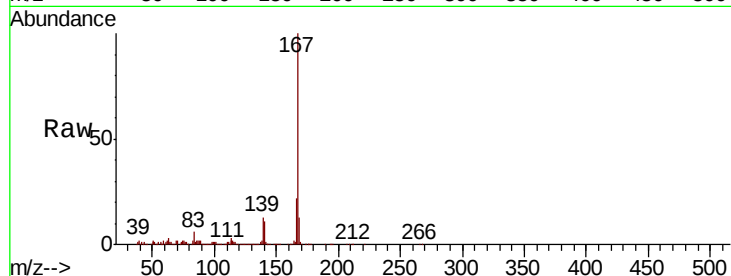




#73
 Carbazole
 Concen: 35.495 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

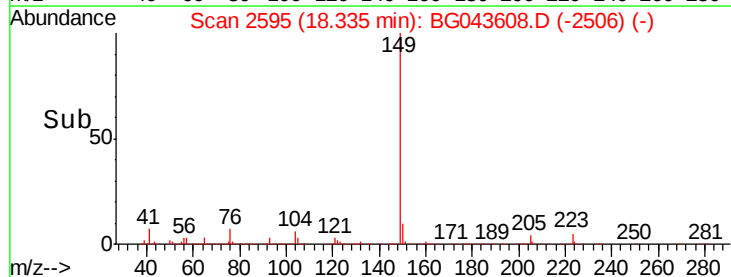
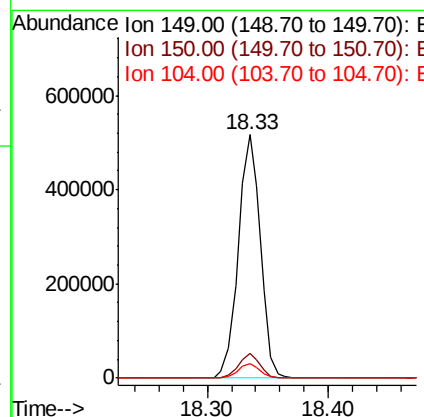
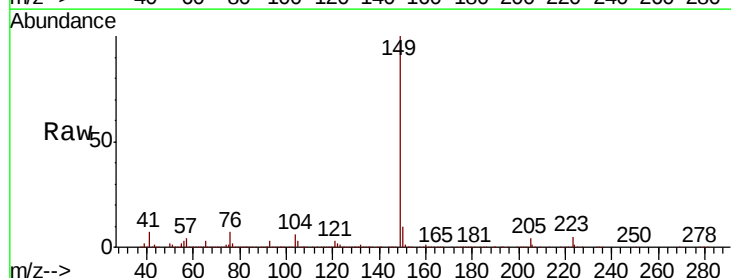
Instrument :
 BNA_G
 ClientSampleId :

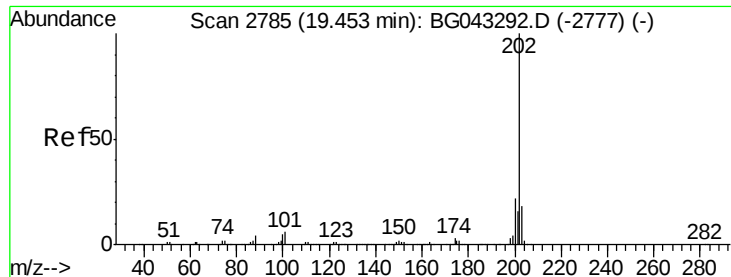
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.7	28.1
139	13.3	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 39.225 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.0	12.0
104	5.9	4.4	6.6





#75

Fluoranthene

Concen: 34.027 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043608.D

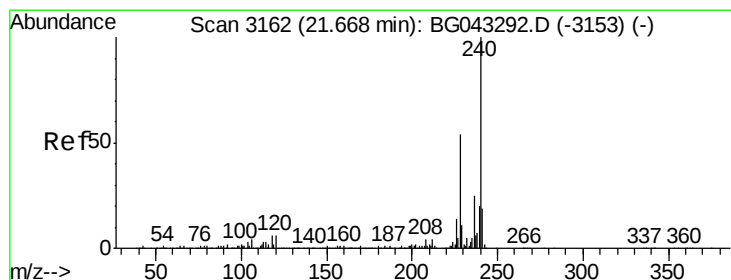
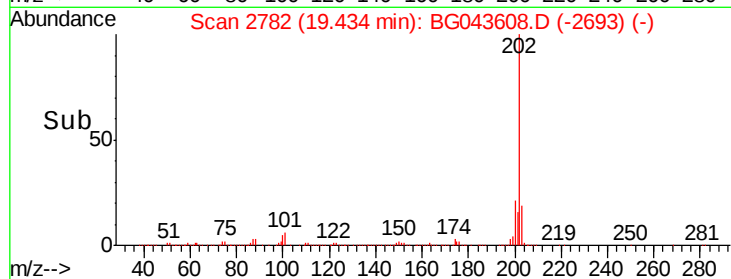
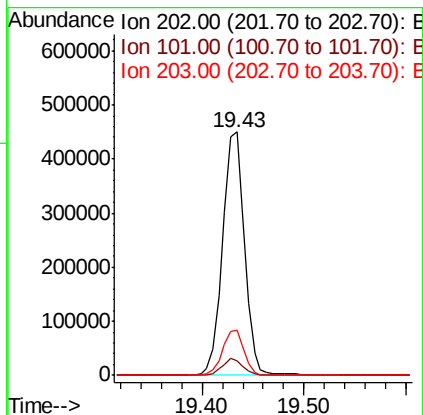
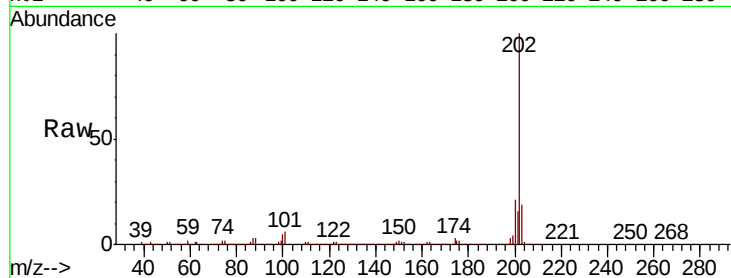
Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	677161
Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	26.3
203	18.5	0.0	37.9



#76

Chrysene-d12

Concen: 20.000 ng

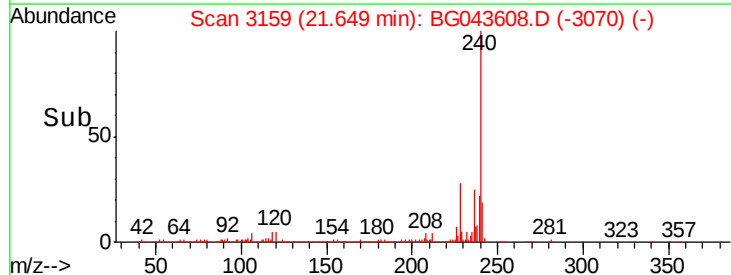
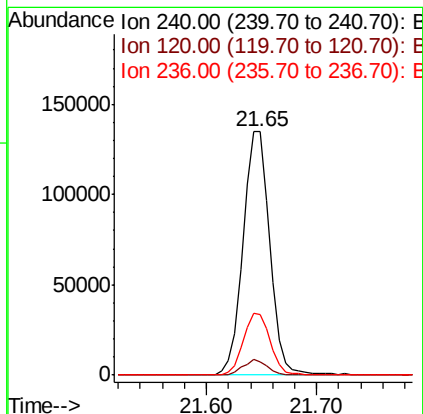
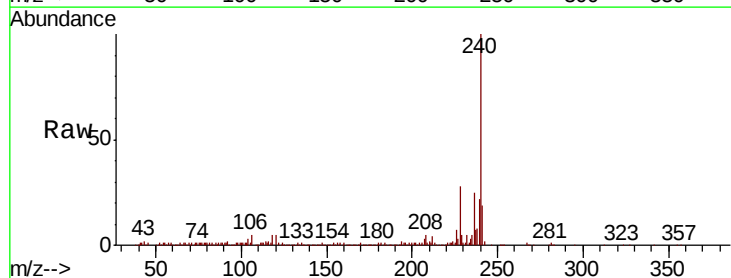
RT: 21.65 min Scan# 3159

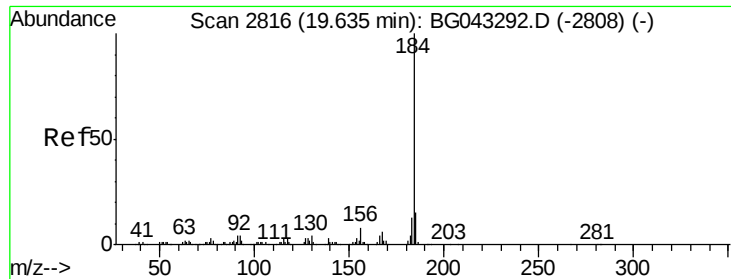
Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion:	240	Resp:	229449
Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.6	6.8
236	25.1	19.8	29.8





#77

Benzidine

Concen: 0.135 ng

RT: 19.87 min Scan# 2857

Delta R.T. 0.25 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

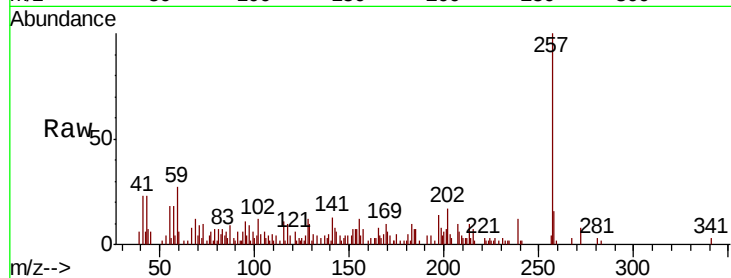
Tot Ion:184 Resp: 625

Ion Ratio Lower Upper

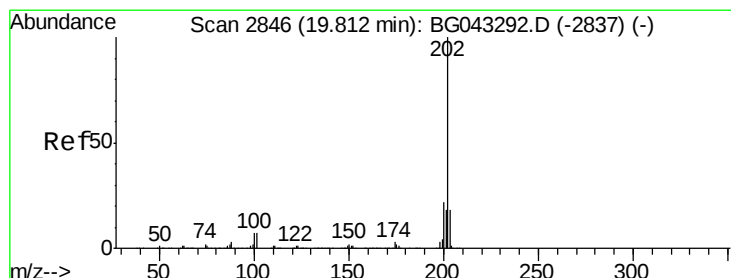
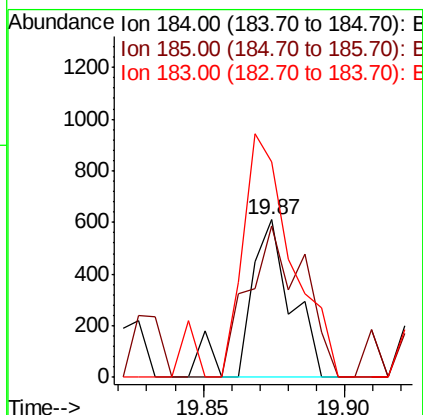
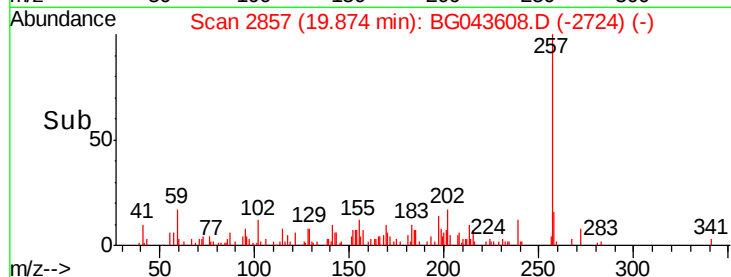
184 100

185 96.6 11.0 16.4#

183 136.7 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: 46.086 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

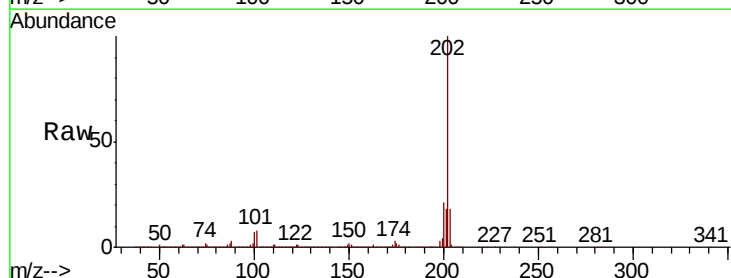
Tgt Ion:202 Resp: 654547

Ion Ratio Lower Upper

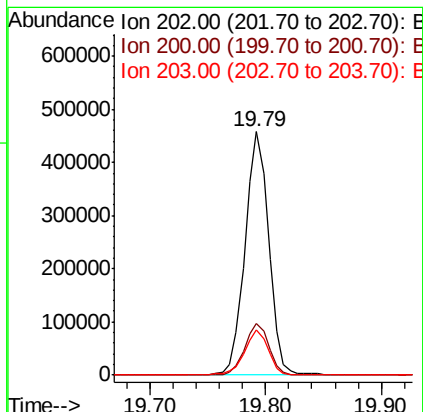
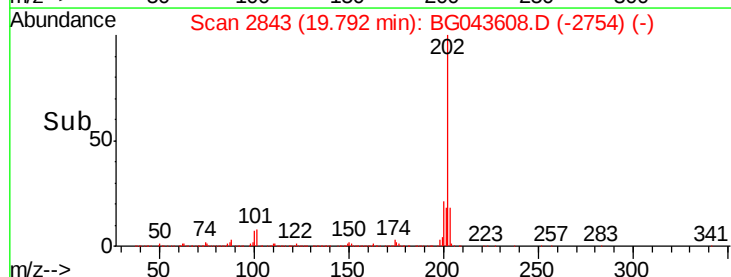
202 100

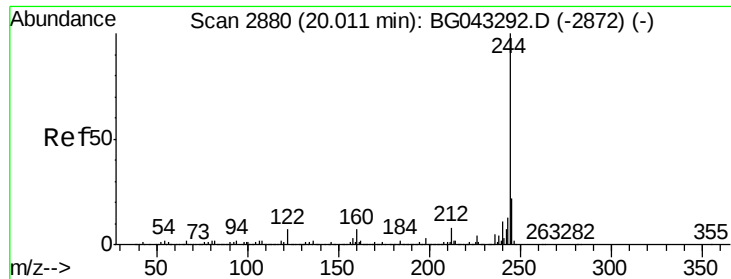
200 21.4 17.0 25.4

203 18.4 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: 87.231 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

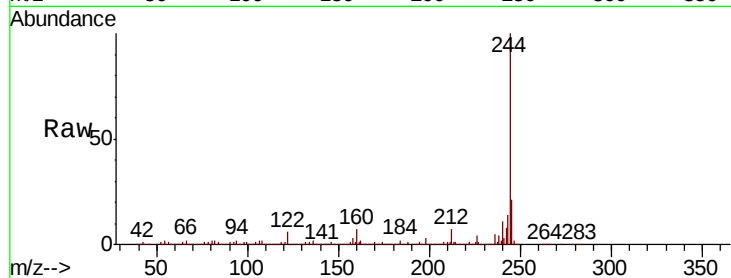
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1066869

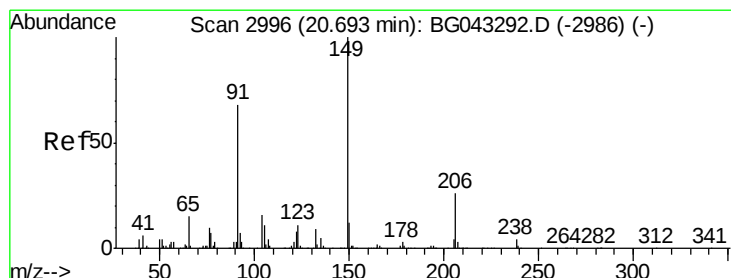
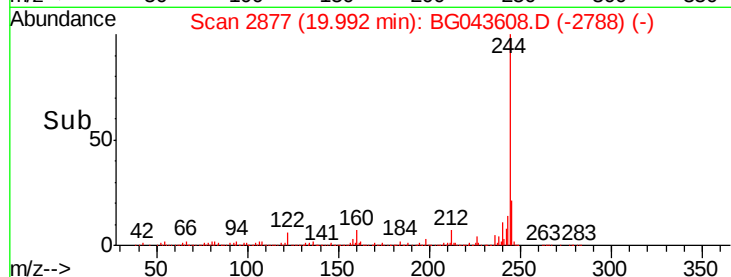
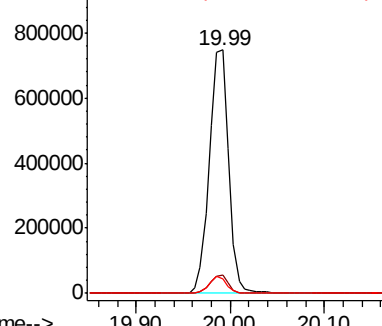
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	6.1	5.4	8.2



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: 40.071 ng

RT: 20.67 min Scan# 2993

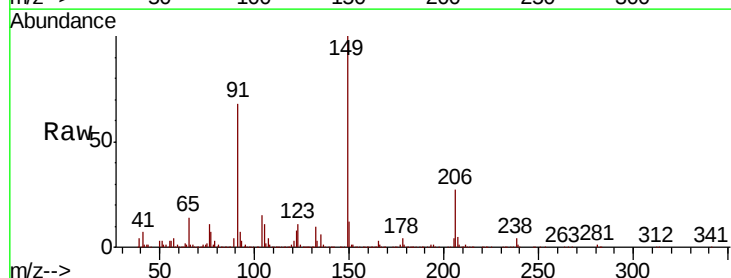
Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion:149 Resp: 215617

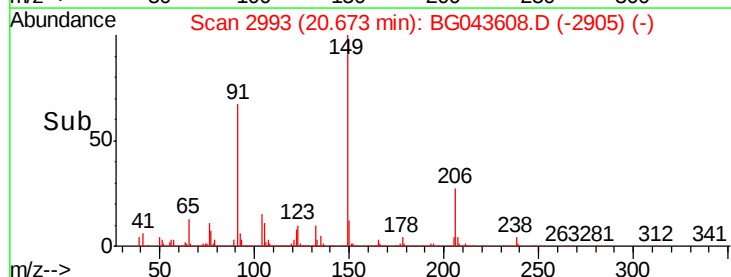
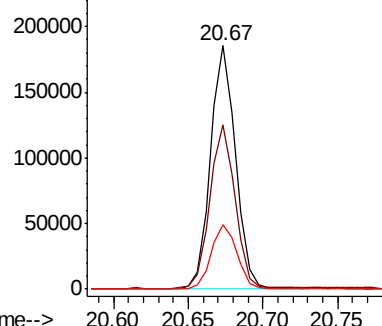
Ion	Ratio	Lower	Upper
149	100		
91	67.7	51.2	76.8
206	26.6	22.5	33.7

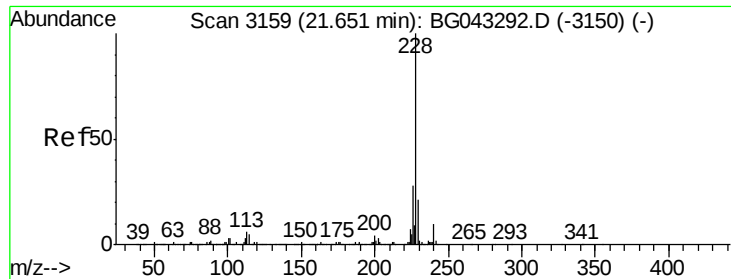


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.446 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

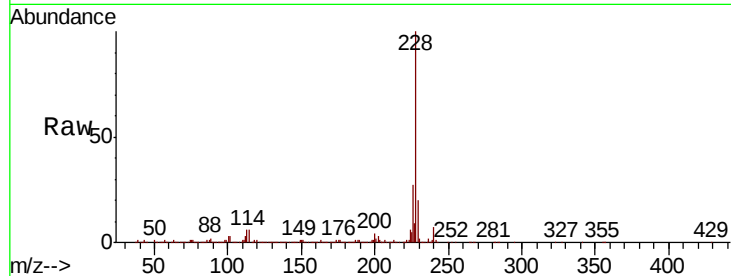
Tot Ion:228 Resp: 595683

Ion Ratio Lower Upper

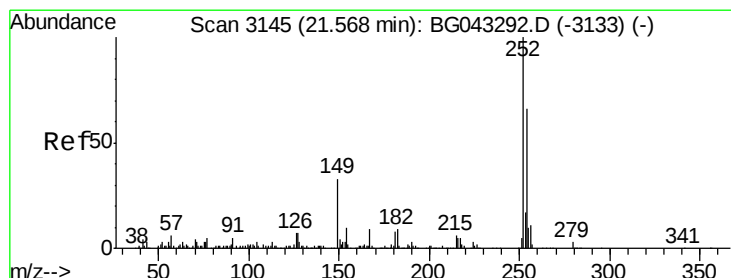
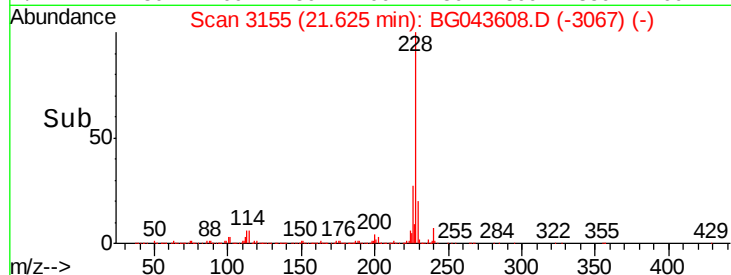
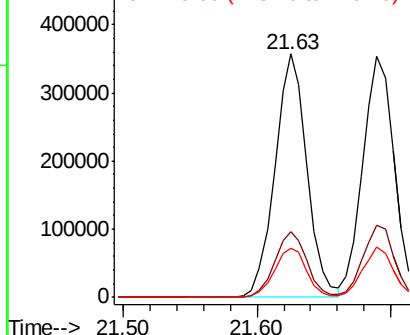
228 100

226 27.0 22.2 33.2

229 20.2 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.361 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

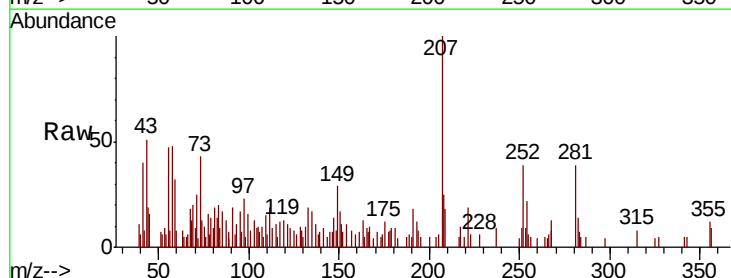
Tgt Ion:252 Resp: 2005

Ion Ratio Lower Upper

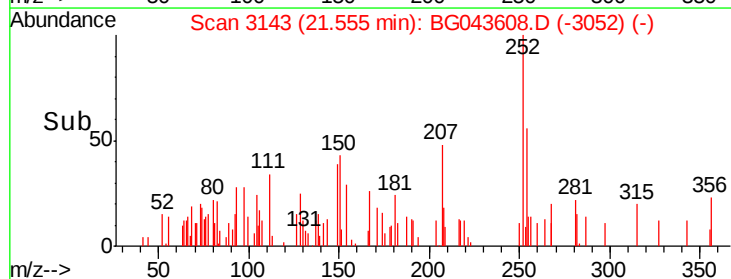
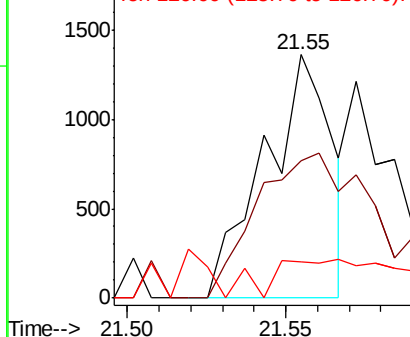
252 100

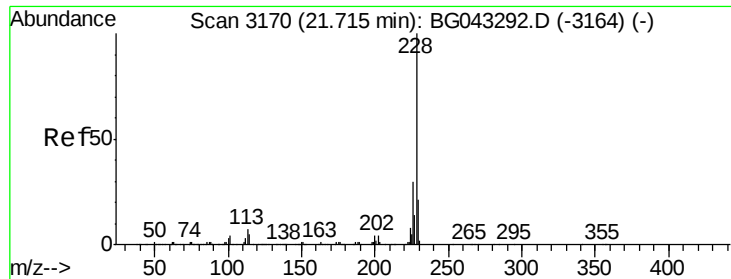
254 56.2 50.8 76.2

126 14.9 6.1 9.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.445 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

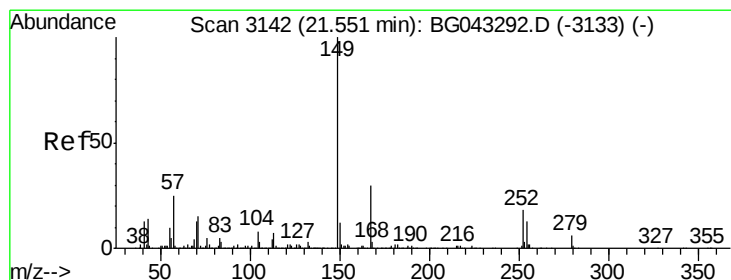
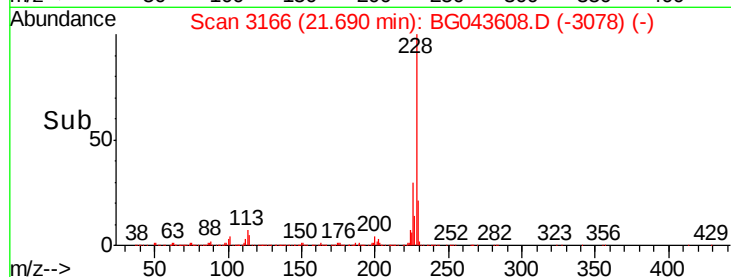
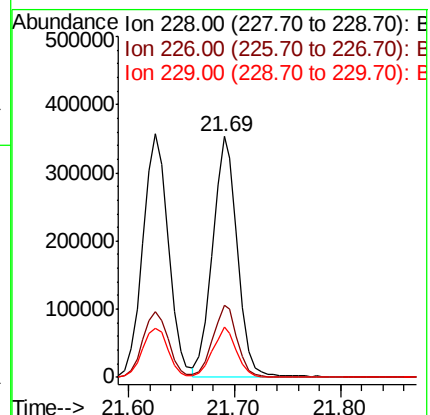
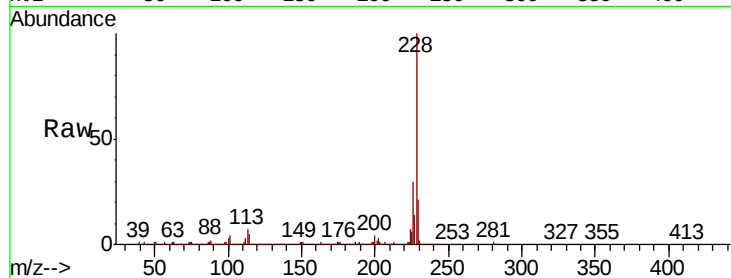
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 577563

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.1	37.7
229	20.8	17.0	25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.468 ng

RT: 21.53 min Scan# 3138

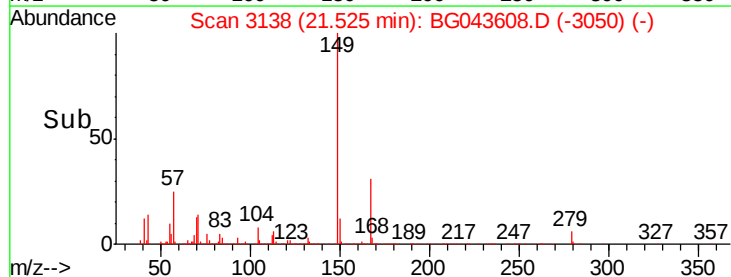
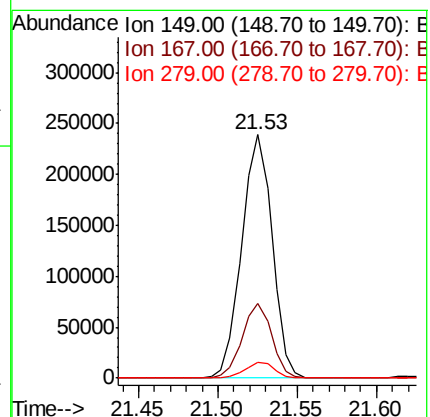
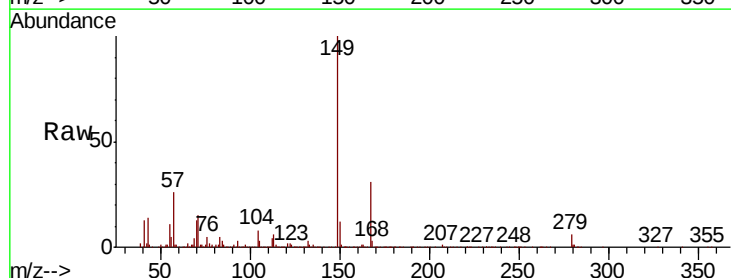
Delta R.T. -0.01 min

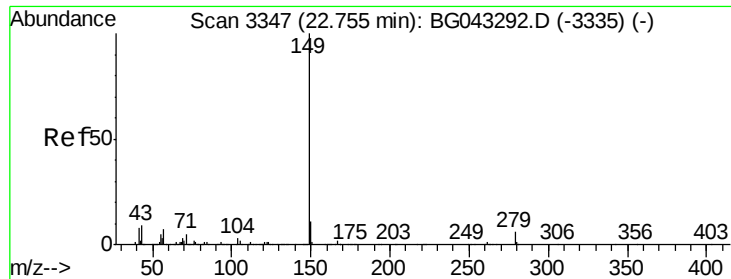
Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion:149 Resp: 316963

Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.0	36.0
279	6.3	5.4	8.2

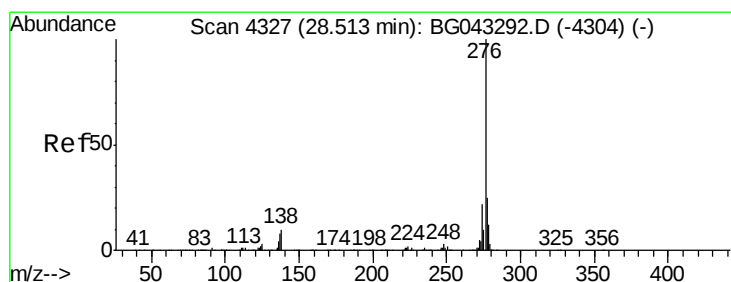
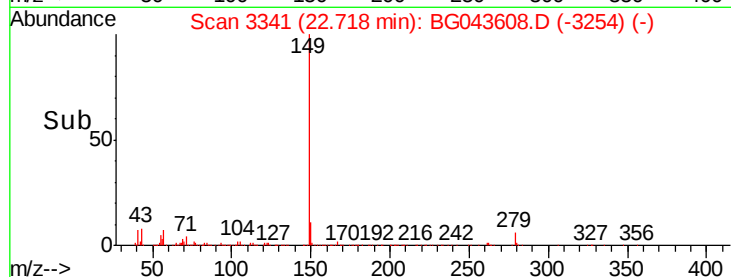
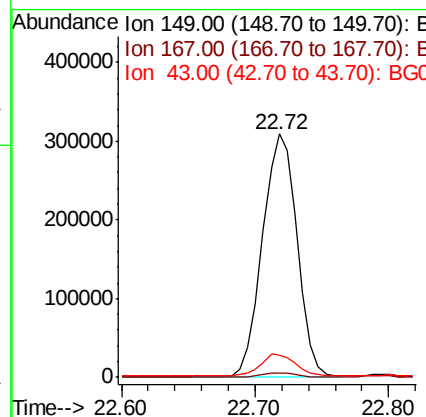
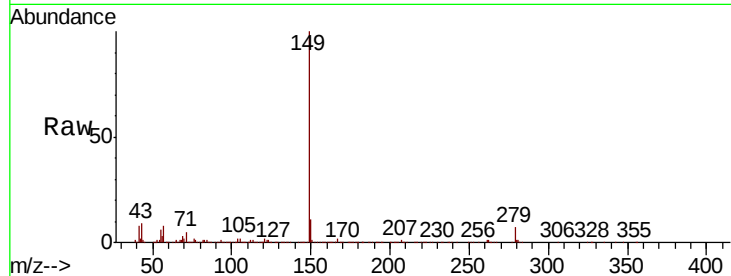




#85
Di-n-octyl phthalate
Concen: 42.631 ng
RT: 22.72 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

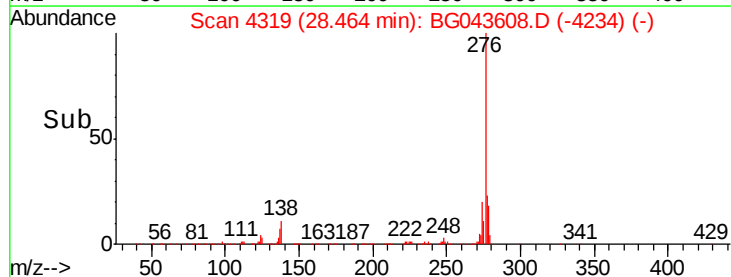
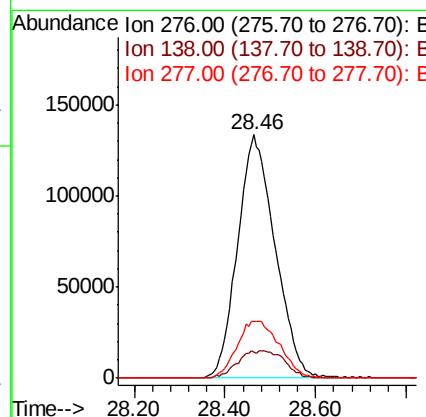
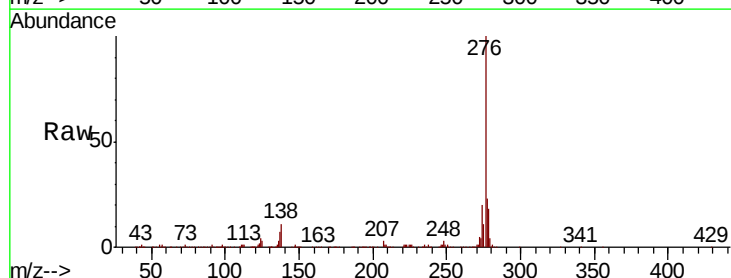
Instrument :
BNA_G
ClientSampleId :

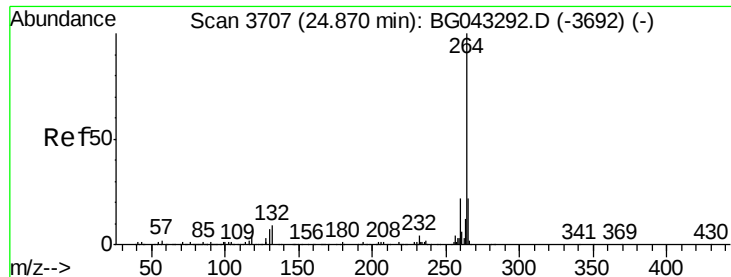
Tot Ion:149 Resp: 552824
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 9.3 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.759 ng
RT: 28.46 min Scan# 4319
Delta R.T. -0.03 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion:276 Resp: 766467
Ion Ratio Lower Upper
276 100
138 6.1 6.8 10.2#
277 26.3 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

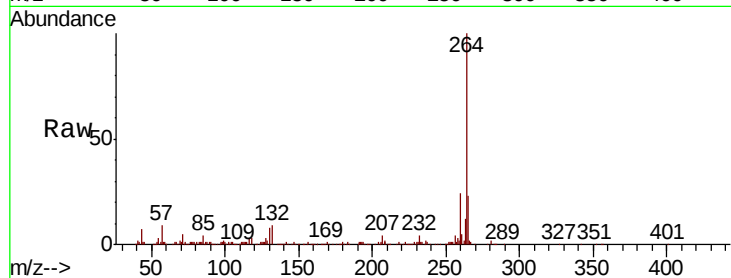
Tot Ion:264 Resp: 270930

Ion Ratio Lower Upper

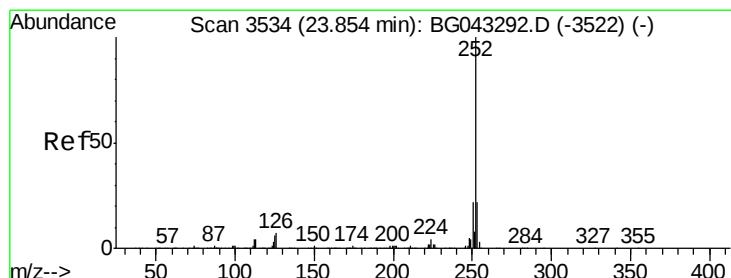
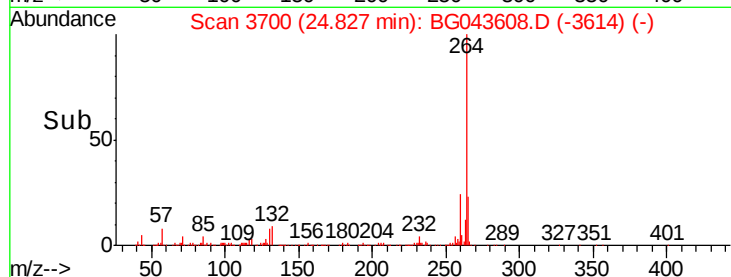
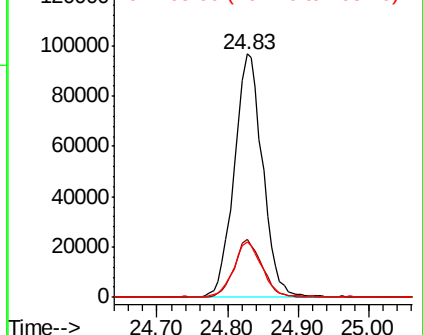
264 100

260 23.6 17.5 26.3

265 22.8 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: 41.131 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

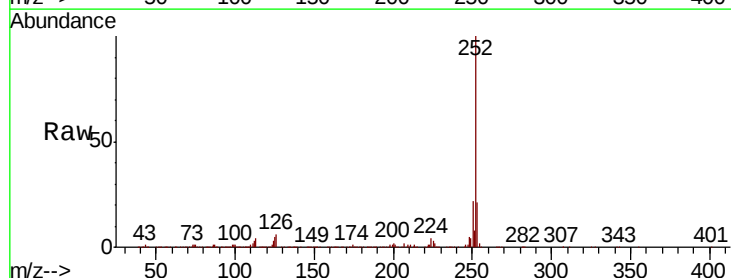
Tgt Ion:252 Resp: 631145

Ion Ratio Lower Upper

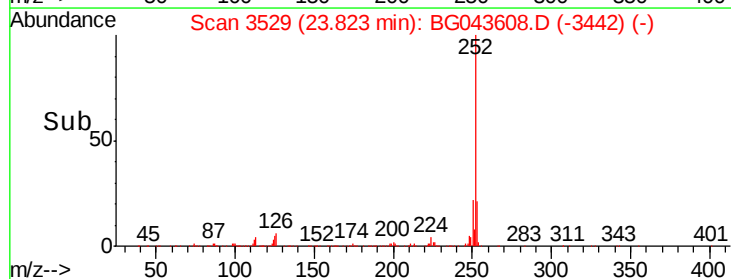
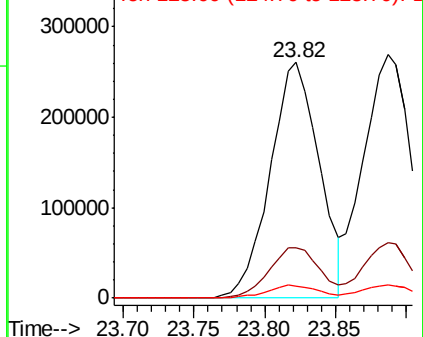
252 100

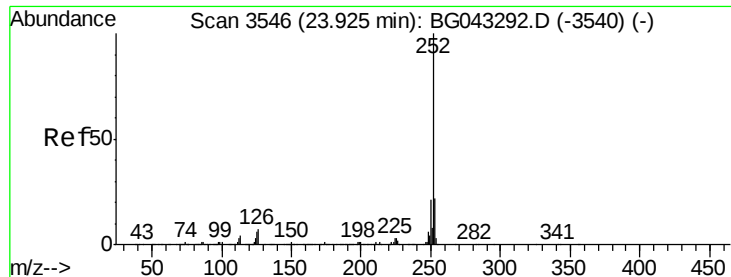
253 21.4 17.7 26.5

125 5.2 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: 41.805 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.02 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

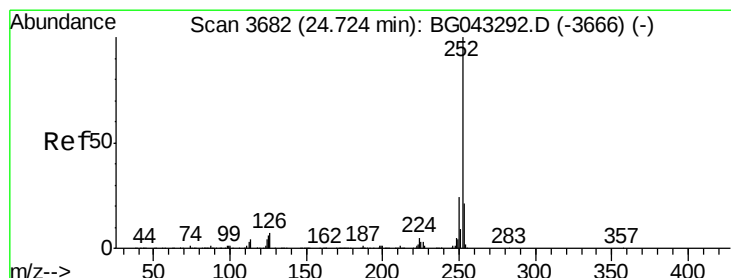
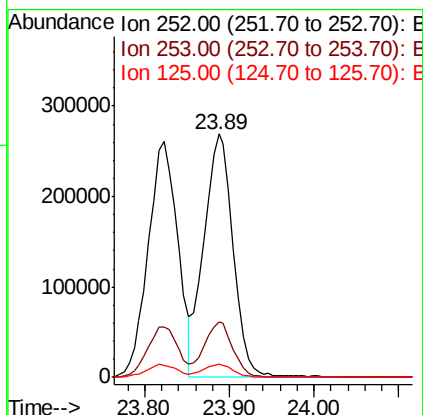
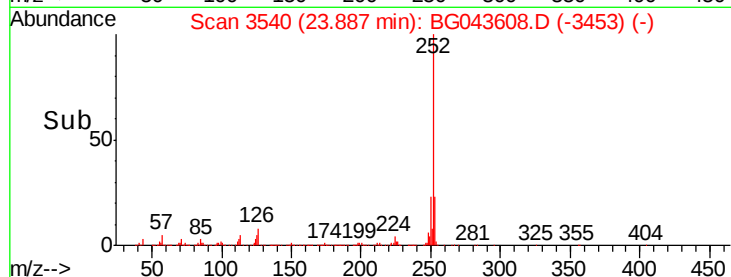
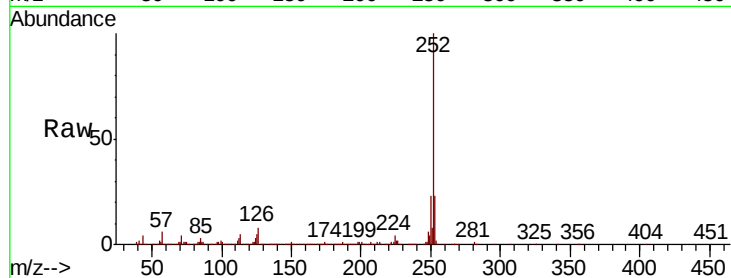
Tot Ion:252 Resp: 645777

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

125 5.5 4.6 6.8



#90

Benzo(a)pyrene

Concen: 39.386 ng

RT: 24.68 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

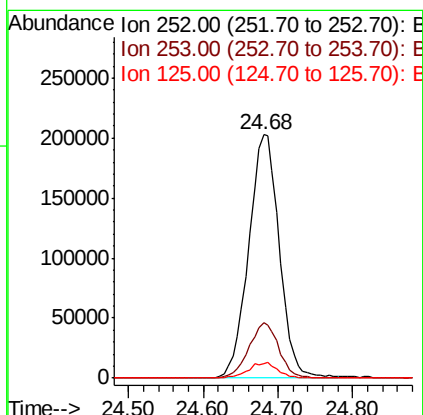
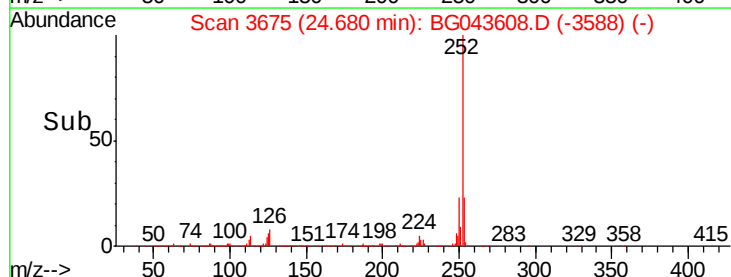
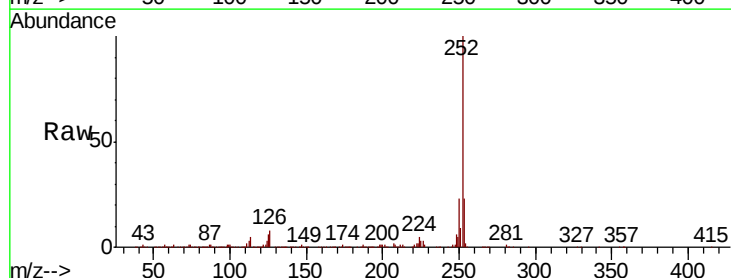
Tgt Ion:252 Resp: 577121

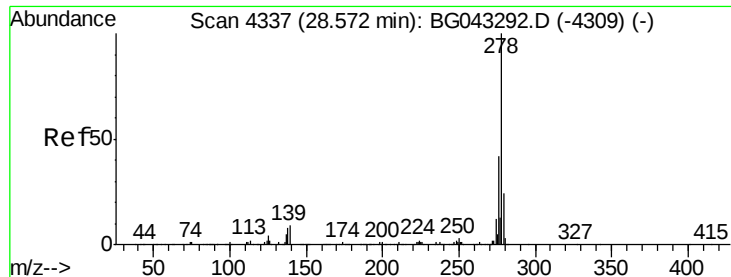
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 6.2 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 43.874 ng

RT: 28.52 min Scan# 4328

Delta R.T. -0.04 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

ClientSampleId :

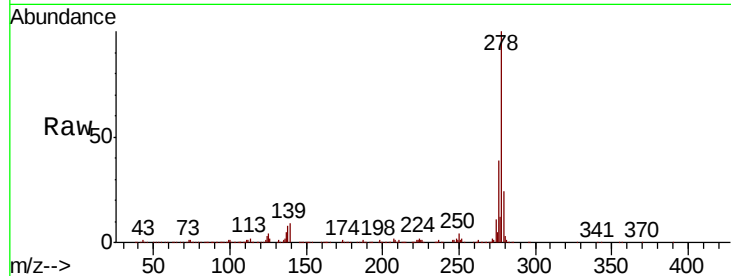
Tot Ion:278 Resp: 657578

Ion Ratio Lower Upper

278 100

139 8.8 7.4 11.0

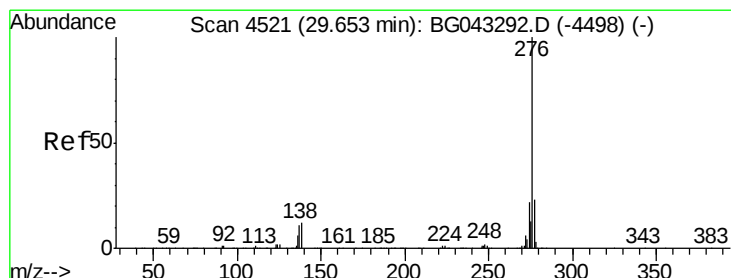
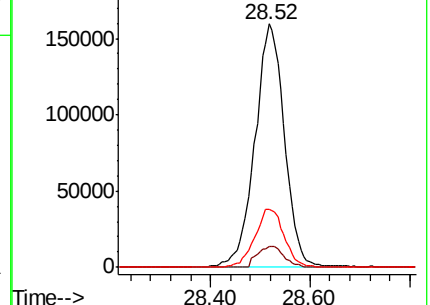
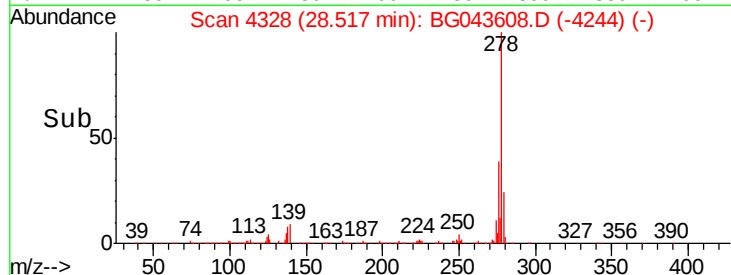
279 23.7 19.1 28.7



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: 44.220 ng

RT: 29.60 min Scan# 4513

Delta R.T. -0.03 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

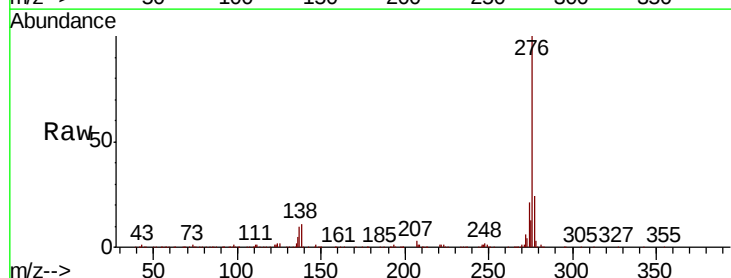
Tgt Ion:276 Resp: 653749

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 11.3 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

