

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043351.D
 Acq On : 28 Oct 2019 15:44
 Operator : JU
 Sample : PB124258BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 29 13:17:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38449	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	150544	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	110395	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	257756	20.00	ng	0.00
76) Chrysene-d12	21.67	240	293720	20.00	ng	0.00
87) Perylene-d12	24.87	264	317830	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	267536	127.51	ng	0.01
7) Phenol-d6	7.22	99	352142	116.65	ng	0.01
23) Nitrobenzene-d5	9.19	82	180018	61.65	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	233388	111.09	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	500139	62.60	ng	0.00
79) Terphenyl-d14	20.00	244	998744	63.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	30769	37.630	ng	# 92
3) Pyridine	3.89	79	70313	34.090	ng	92
4) n-Nitrosodimethylamine	3.80	42	42954	41.270	ng	91
6) Aniline	7.35	93	115068	33.088	ng	99
8) 2-Chlorophenol	7.60	128	106243	45.869	ng	97
9) Benzaldehyde	7.16	77	59446	40.069	ng	90
10) Phenol	7.25	94	127459	46.204	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	85917	40.284	ng	97
12) 1,3-Dichlorobenzene	7.92	146	114389	39.417	ng	98
13) 1,4-Dichlorobenzene	8.06	146	118069	40.212	ng	99
14) 1,2-Dichlorobenzene	8.38	146	111981	39.061	ng	96
15) Benzyl Alcohol	8.27	79	89694	42.305	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	116798	37.661	ng	96
17) 2-Methylphenol	8.49	107	91288	45.394	ng	92
18) Hexachloroethane	9.11	117	40445	38.180	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	77924	39.946	ng	97
20) 3+4-Methylphenols	8.82	107	117903	42.755	ng	87
22) Acetophenone	8.85	105	149353	38.740	ng	# 98
24) Nitrobenzene	9.23	77	117481	42.233	ng	95
25) Isophorone	9.75	82	214726	40.220	ng	97
26) 2-Nitrophenol	9.94	139	60729	45.220	ng	90
27) 2,4-Dimethylphenol	10.01	122	100089	51.999	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	120057	40.745	ng	98
29) 2,4-Dichlorophenol	10.50	162	112490	45.612	ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	124176	39.949	ng	97
31) Naphthalene	10.88	128	318761	41.714	ng	98
32) Benzoic acid	10.18	122	49509	36.384	ng	97
33) 4-Chloroaniline	11.00	127	67676	21.605	ng	93
34) Hexachlorobutadiene	11.17	225	87767	38.197	ng	98
35) Caprolactam	11.76	113	15585	18.349	ng	# 81
36) 4-Chloro-3-methylphenol	12.14	107	118495	44.048	ng	97
37) 2-Methylnaphthalene	12.48	142	243494	41.529	ng	95
38) 1-Methylnaphthalene	12.70	142	231917	41.572	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	156404	38.282	ng	99

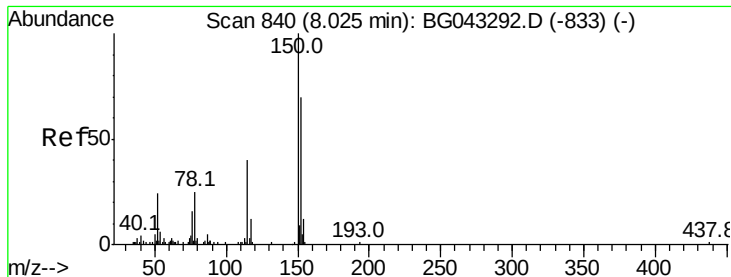
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
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 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	196906	91.748	ng	95
43) 2,4,6-Trichlorophenol	13.10	196	103326	42.945	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	107423	44.163	ng	95
46) 1,1'-Biphenyl	13.49	154	329111	39.188	ng	100
47) 2-Chloronaphthalene	13.53	162	255646	40.007	ng	100
48) 2-Nitroaniline	13.74	65	76418	40.013	ng	96
49) Acenaphthylene	14.37	152	412262	41.454	ng	99
50) Dimethylphthalate	14.11	163	337056	39.418	ng	100
51) 2,6-Dinitrotoluene	14.23	165	76516	41.190	ng	96
52) Acenaphthene	14.71	154	244091	40.247	ng	96
53) 3-Nitroaniline	14.57	138	50733	28.287	ng	# 90
54) 2,4-Dinitrophenol	14.77	184	86886	75.365	ng	93
55) Dibenzofuran	15.05	168	408794	41.565	ng	99
56) 4-Nitrophenol	14.90	139	111660	92.903	ng	96
57) 2,4-Dinitrotoluene	15.01	165	110275	41.538	ng	95
58) Fluorene	15.70	166	336465	40.789	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	113970	44.100	ng	# 99
60) Diethylphthalate	15.47	149	343650	39.998	ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	194297	40.376	ng	99
62) 4-Nitroaniline	15.73	138	72670	39.233	ng	91
63) Azobenzene	15.98	77	282059	40.564	ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	68677	45.275	ng	97
66) n-Nitrosodiphenylamine	15.91	169	302277	41.538	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	137635	39.678	ng	98
68) Hexachlorobenzene	16.71	284	156548	39.316	ng	99
69) Atrazine	16.85	200	132939	52.573	ng	95
70) Pentachlorophenol	17.05	266	177915	98.060	ng	95
71) Phenanthrene	17.44	178	546871	41.433	ng	99
72) Anthracene	17.53	178	557746	42.235	ng	99
73) Carbazole	17.80	167	506025	42.314	ng	100
74) Di-n-butylphthalate	18.35	149	603223	41.572	ng	99
75) Fluoranthene	19.45	202	741022	43.064	ng	98
77) Benzidine	19.63	184	227100	38.419	ng	97
78) Pyrene	19.81	202	744892	40.971	ng	99
80) Butylbenzylphthalate	20.69	149	275868	40.050	ng	98
81) Benzo(a)anthracene	21.64	228	766747	41.675	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	253071	35.563	ng	99
83) Chrysene	21.71	228	753348	41.211	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	406790	41.575	ng	99
85) Di-n-octyl phthalate	22.75	149	696306	41.946	ng	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	977057	42.580	ng	# 97
88) Benzo(b)fluoranthene	23.84	252	813051	45.167	ng	98
89) Benzo(k)fluoranthene	23.92	252	832904	45.962	ng	99
90) Benzo(a)pyrene	24.71	252	752453	43.774	ng	100
91) Dibenzo(a,h)anthracene	28.56	278	820073	46.642	ng	99
92) Benzo(g,h,i)perylene	29.64	276	824205	47.523	ng	99

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

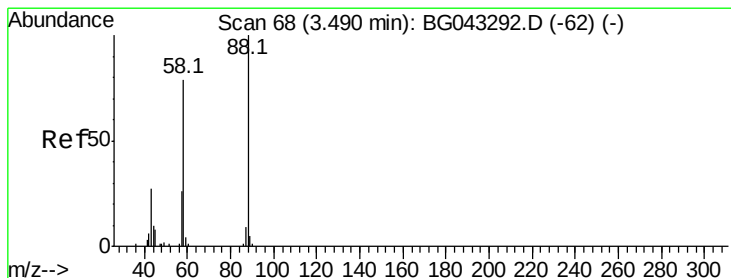
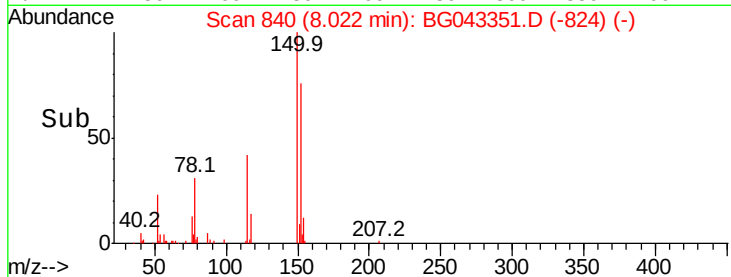
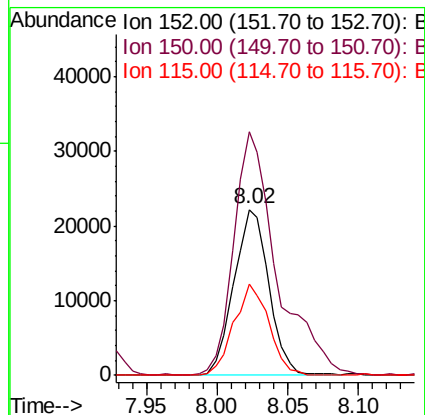
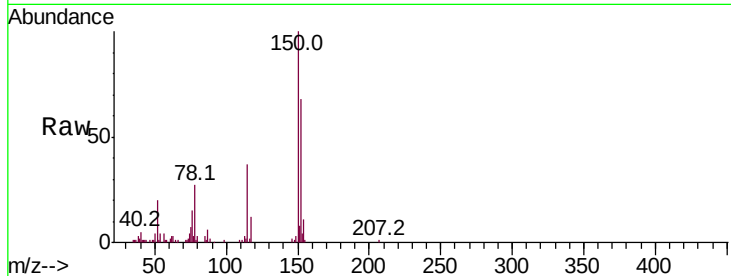


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Instrument :
BNA_G
ClientSampleId :

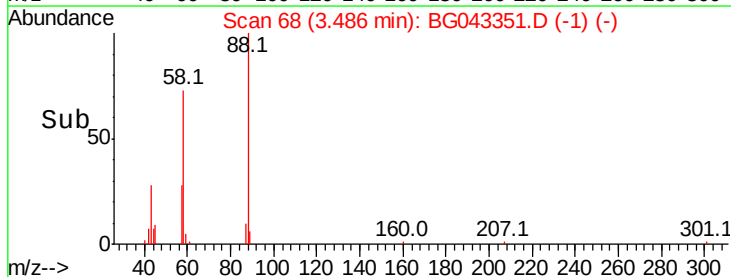
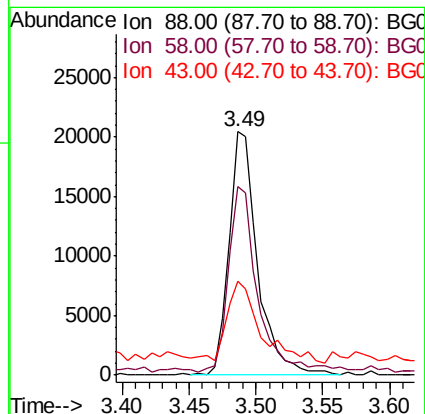
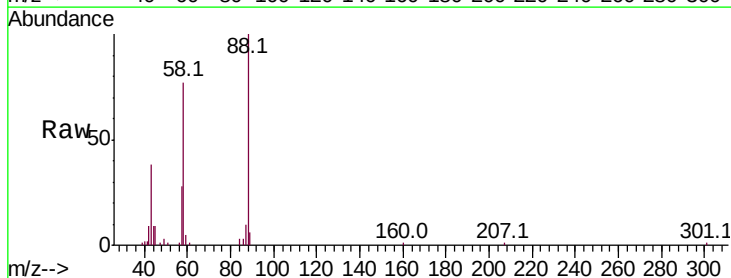
Tot Ion:152 Resp: 38449
Ion Ratio Lower Upper
152 100
150 146.8 113.6 170.4
115 55.1 45.9 68.9

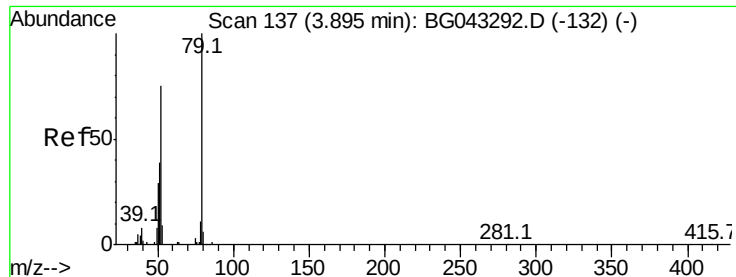


#2

1,4-Dioxane
Concen: 37.630 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt Ion: 88 Resp: 30769
Ion Ratio Lower Upper
88 100
58 77.6 60.2 90.2
43 39.9 22.7 34.1#





#3

Pvridine

Concen: 34.090 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

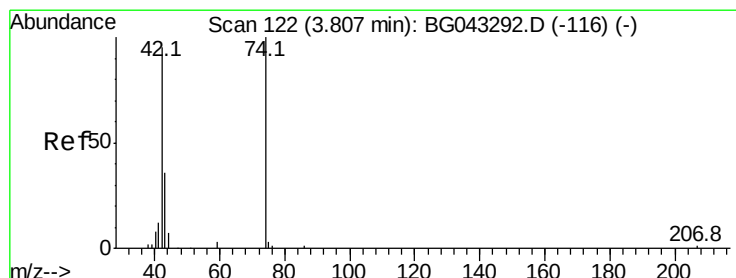
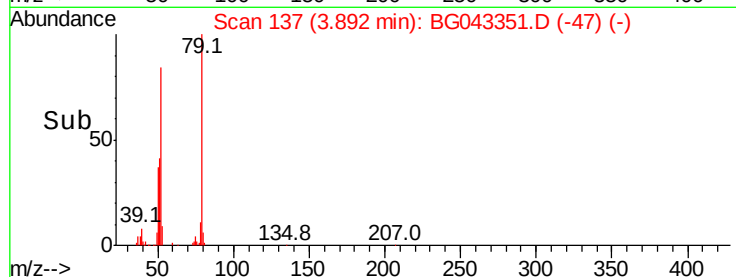
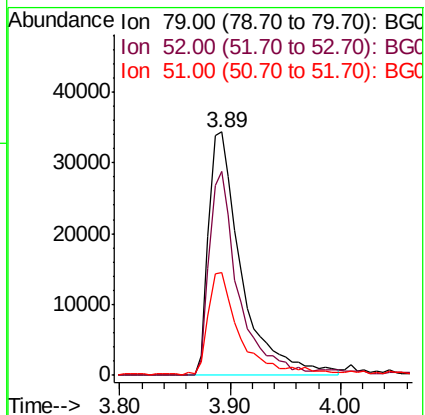
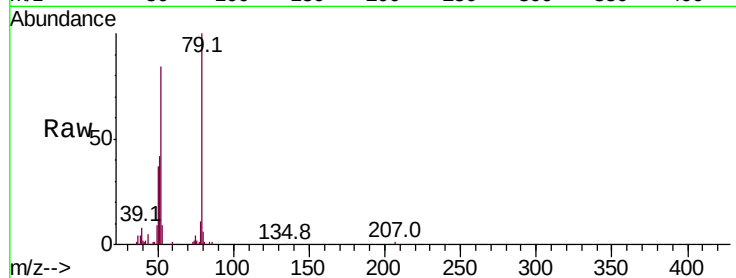
Tot Ion: 79 Resp: 70313

Ion Ratio Lower Upper

79 100

52 83.5 59.7 89.5

51 42.3 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 41.270 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

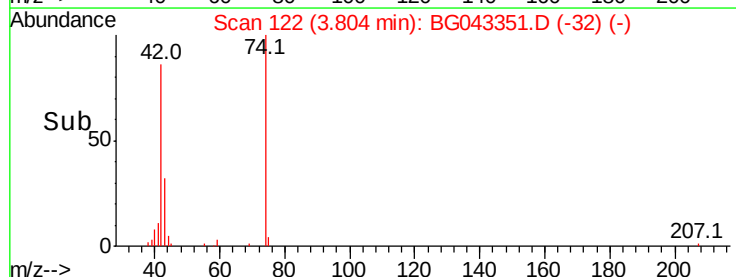
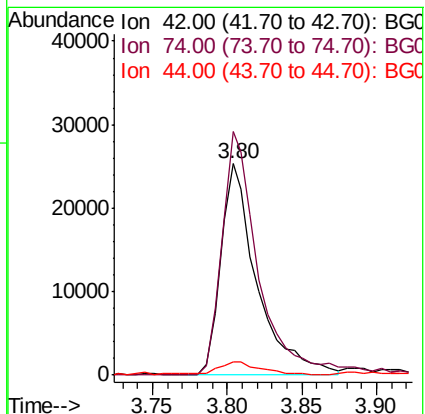
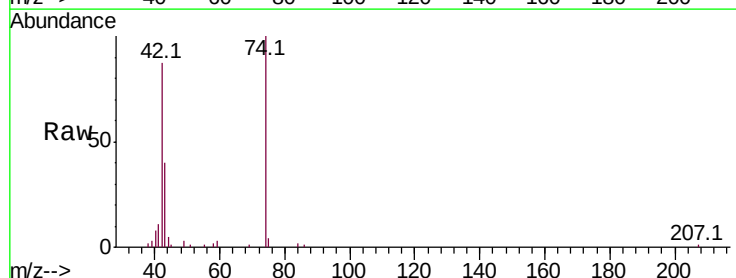
Tgt Ion: 42 Resp: 42954

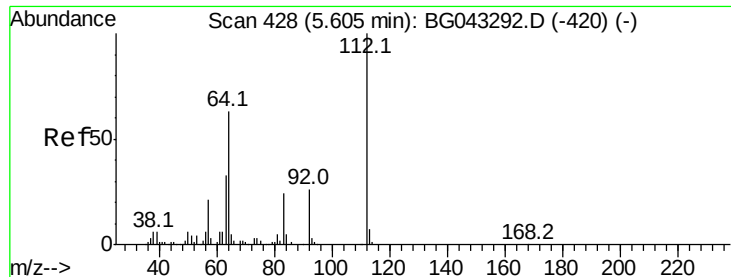
Ion Ratio Lower Upper

42 100

74 115.1 84.2 126.2

44 6.3 6.0 9.0





#5

2-Fluorophenol

Concen: 127.505 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

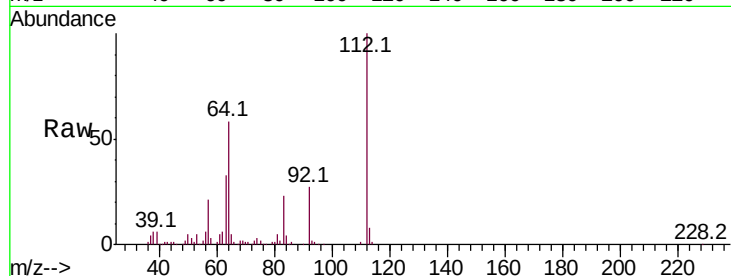
Tot Ion:112 Resp: 267536

Ion Ratio Lower Upper

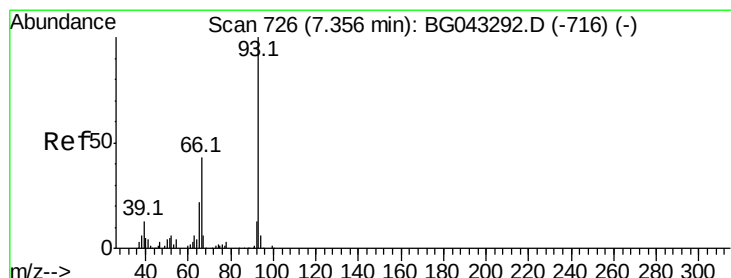
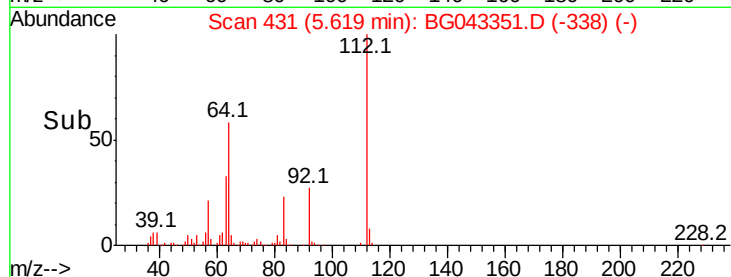
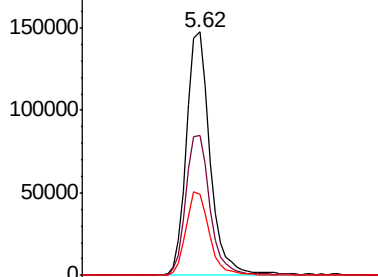
112 100

64 57.6 50.2 75.2

63 33.4 26.7 40.1



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



#6

Aniline

Concen: 33.088 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

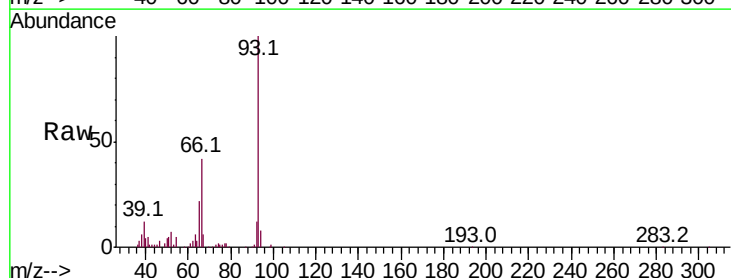
Tgt Ion: 93 Resp: 115068

Ion Ratio Lower Upper

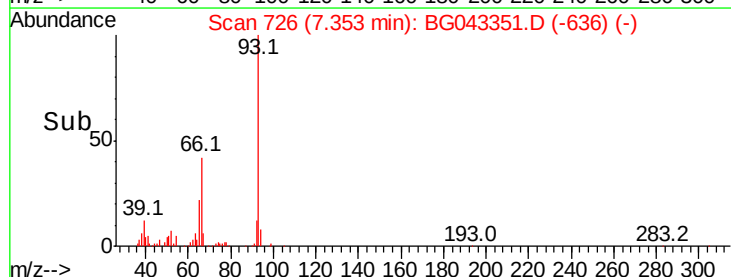
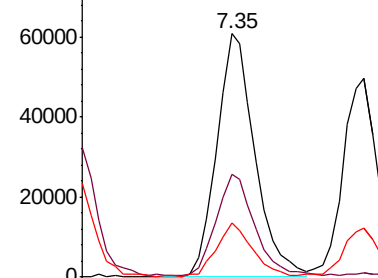
93 100

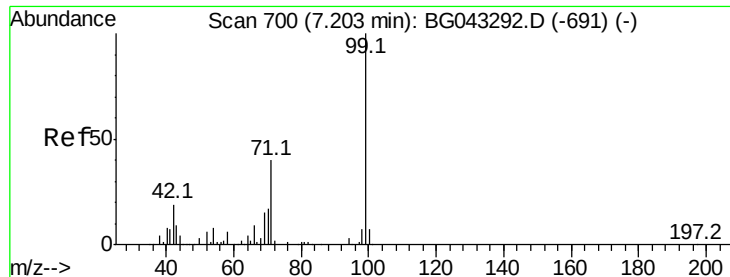
66 42.1 34.5 51.7

65 22.4 18.0 27.0



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: 116.647 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampled :

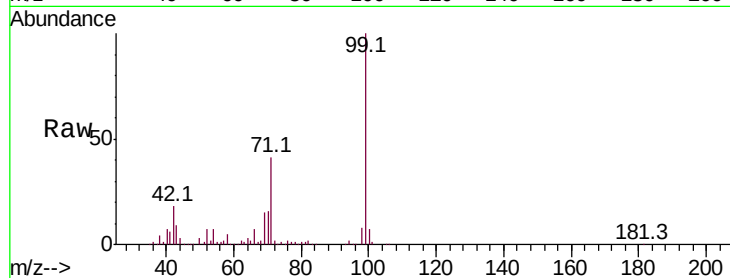
Tot Ion: 99 Resp: 352142

Ion Ratio Lower Upper

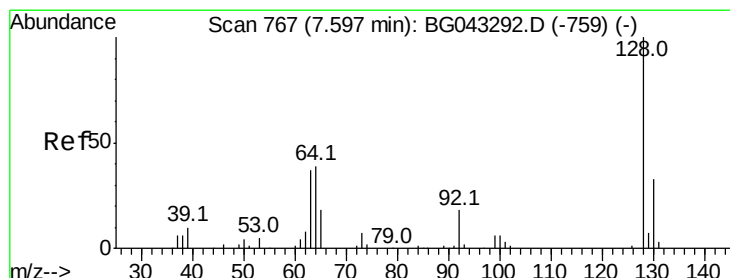
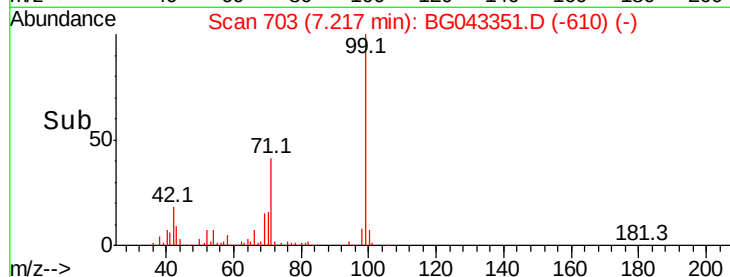
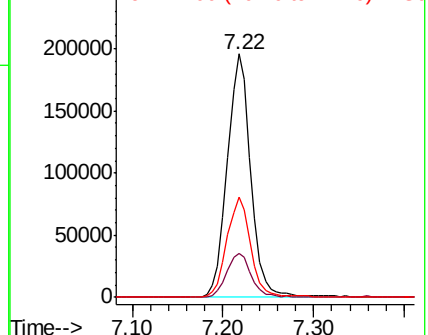
99 100

42 18.2 14.9 22.3

71 41.1 32.2 48.2



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: 45.869 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

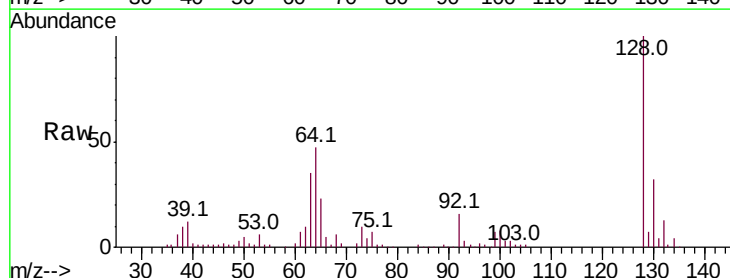
Tgt Ion: 128 Resp: 106243

Ion Ratio Lower Upper

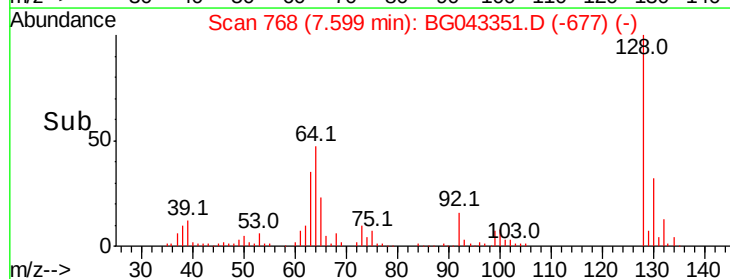
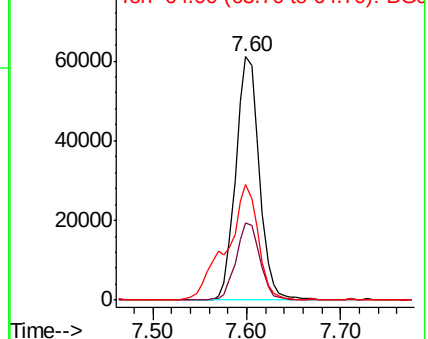
128 100

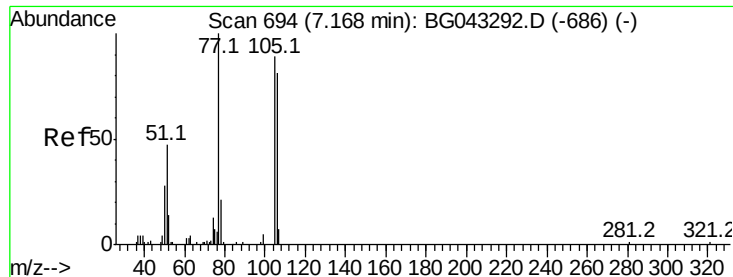
130 31.8 12.9 52.9

64 47.4 24.9 64.9



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: 40.069 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

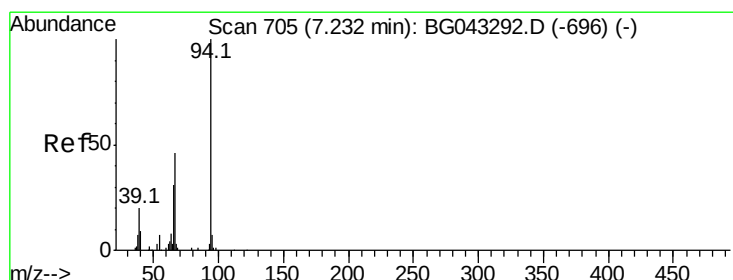
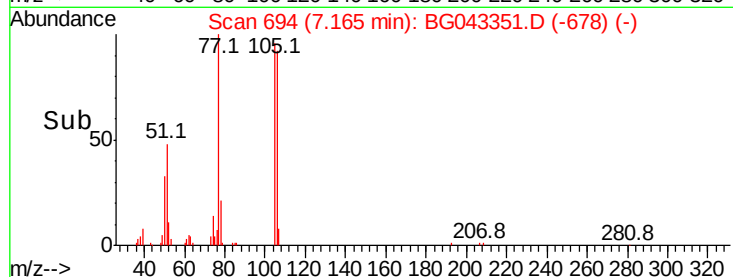
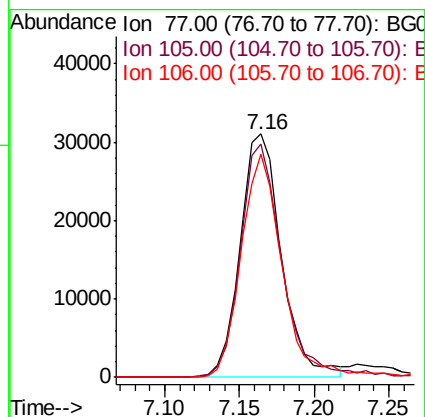
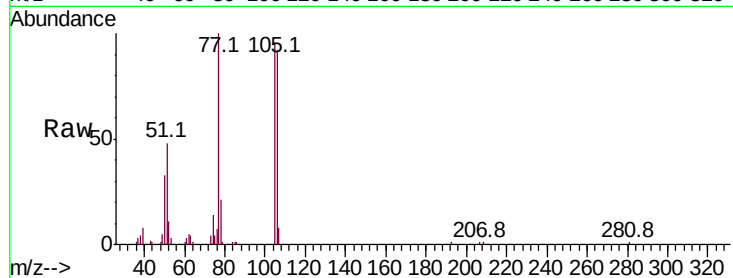
Tot Ion: 77 Resp: 59446

Ion Ratio Lower Upper

77 100

105 95.8 68.7 108.7

106 91.7 60.5 100.5



#10

Phenol

Concen: 46.204 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

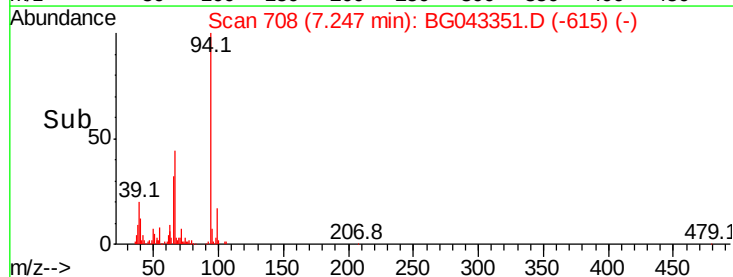
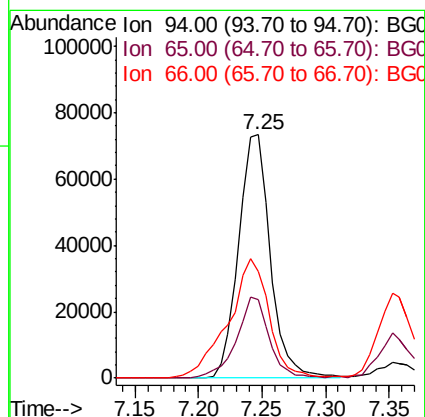
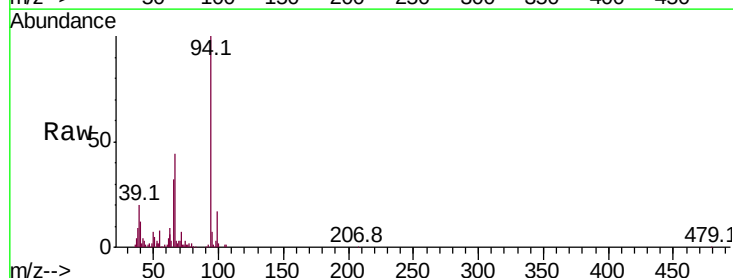
Tgt Ion: 94 Resp: 127459

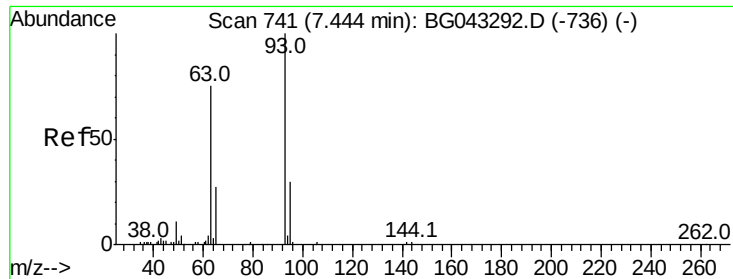
Ion Ratio Lower Upper

94 100

65 32.1 11.1 51.1

66 44.1 27.8 67.8





#11

bis(2-Chloroethyl)ether

Concen: 40.284 ng

RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

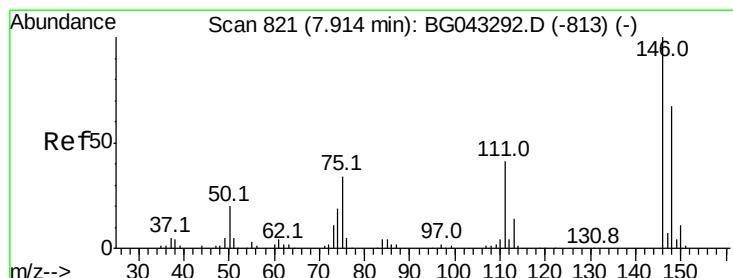
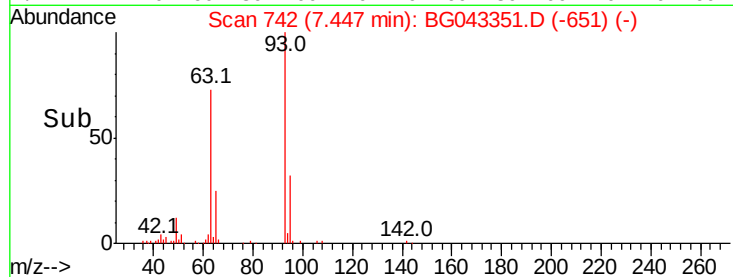
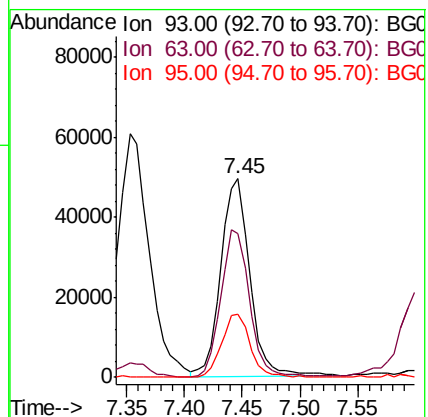
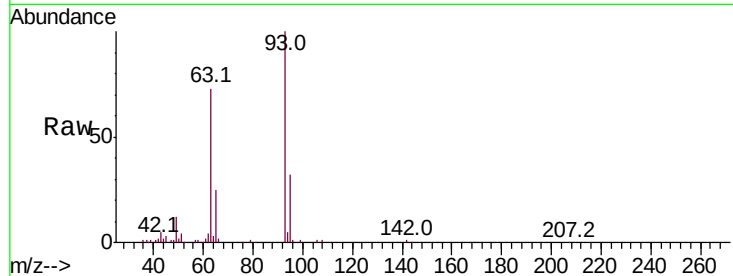
Tot Ion: 93 Resp: 85917

Ion Ratio Lower Upper

93 100

63 72.5 54.6 94.6

95 31.6 9.7 49.7



#12

1,3-Dichlorobenzene

Concen: 39.417 ng

RT: 7.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

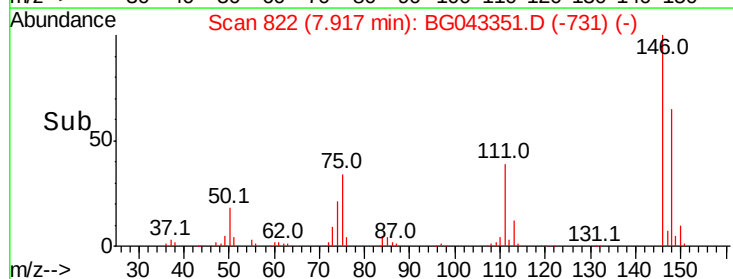
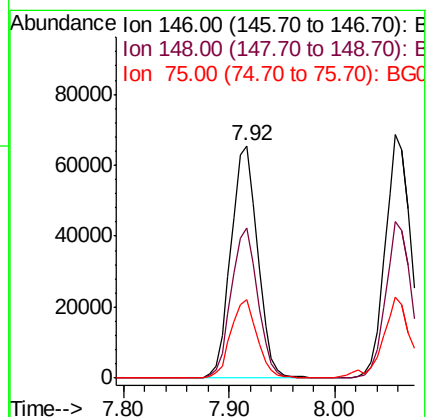
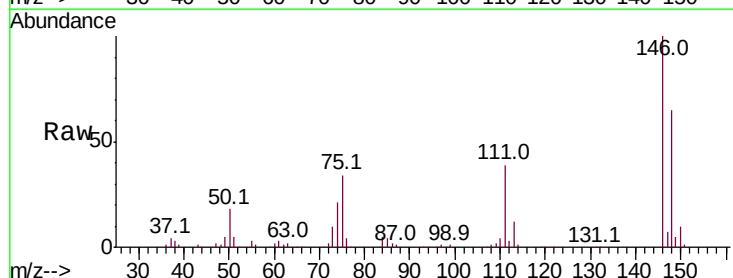
Tgt Ion: 146 Resp: 114389

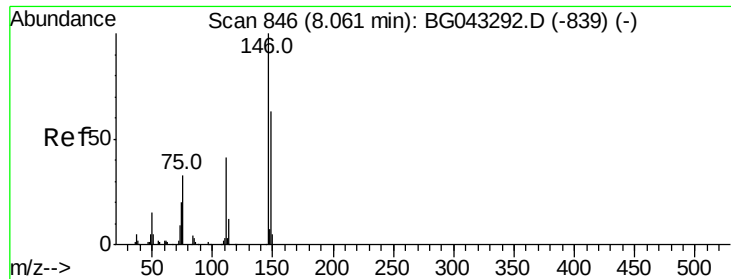
Ion Ratio Lower Upper

146 100

148 64.9 53.4 80.2

75 34.1 27.0 40.4

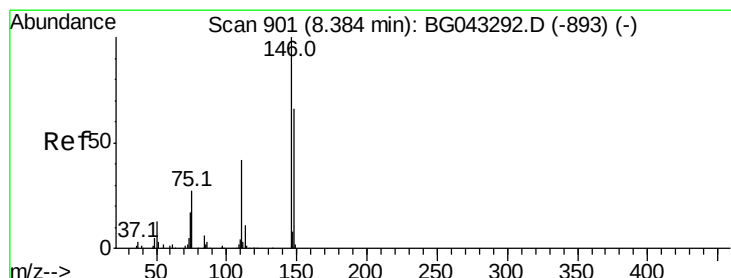
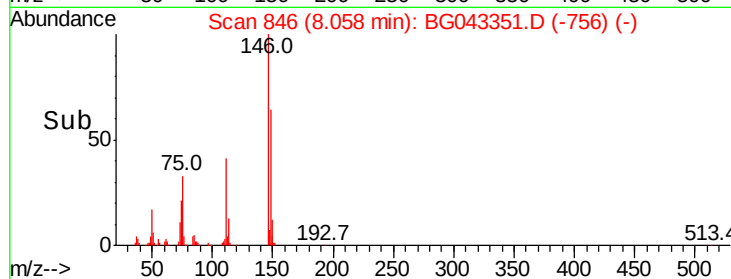
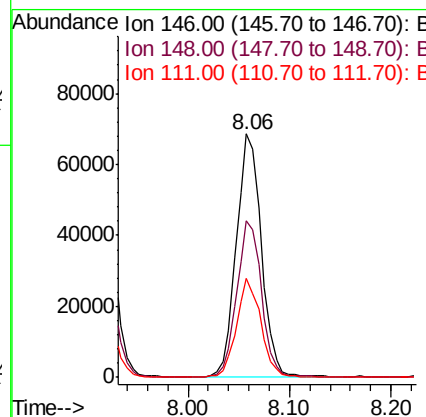
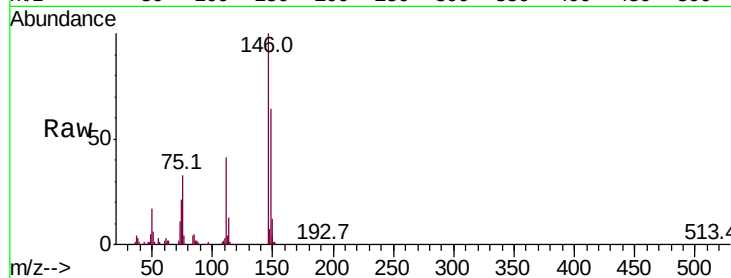




#13
1,4-Dichlorobenzene
Concen: 40.212 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

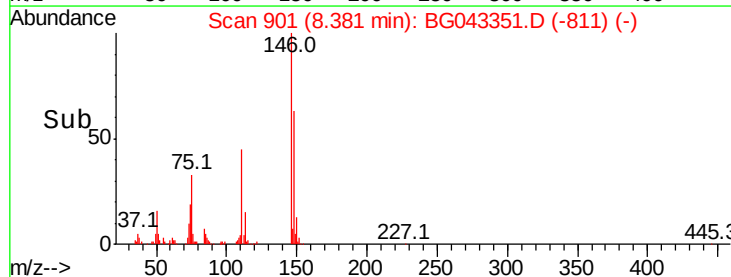
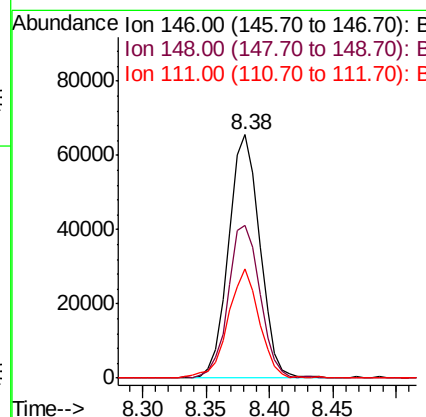
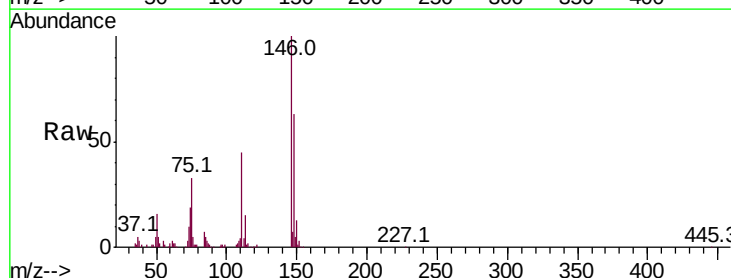
Instrument :
BNA_G
ClientSampleId :

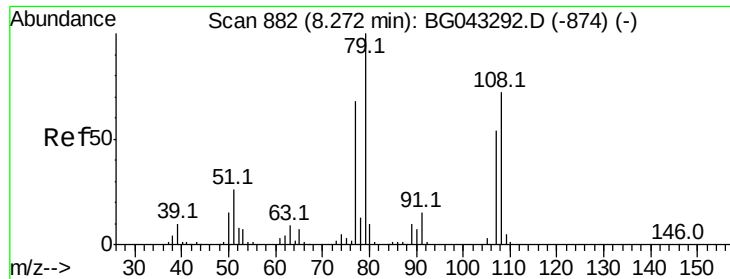
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.7	76.1
111	40.8	33.0	49.6



#14
1,2-Dichlorobenzene
Concen: 39.061 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	53.0	79.4
111	44.9	34.5	51.7





#15

Benzyl Alcohol

Concen: 42.305 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

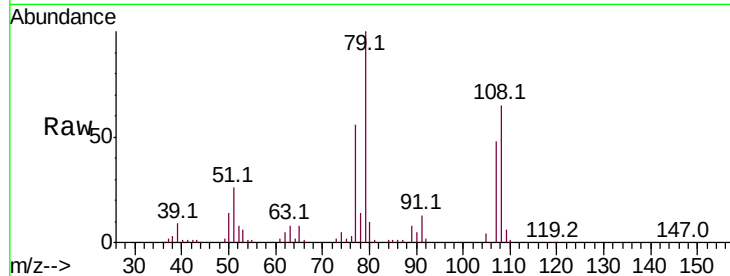
Tot Ion: 79 Resp: 89694

Ion Ratio Lower Upper

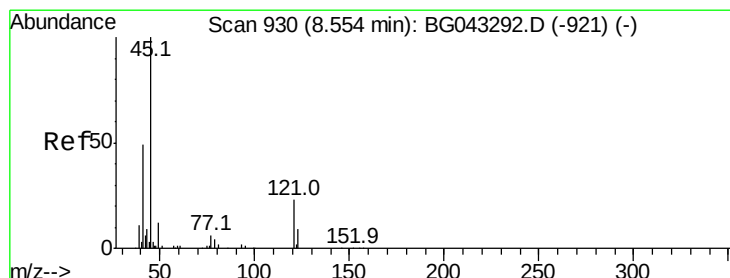
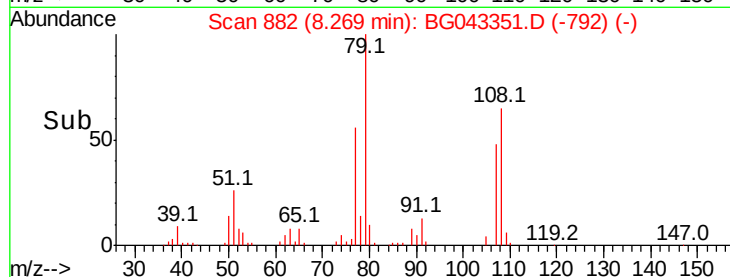
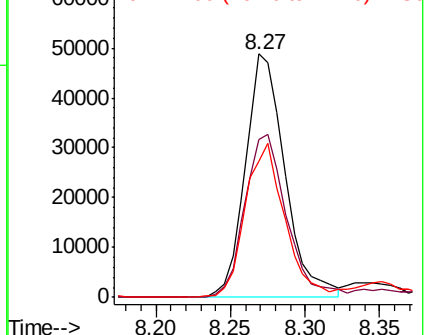
79 100

108 65.1 57.3 85.9

77 55.8 54.6 81.8



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: 37.661 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

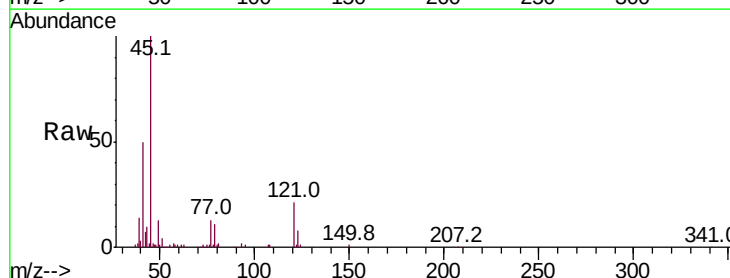
Tgt Ion: 45 Resp: 116798

Ion Ratio Lower Upper

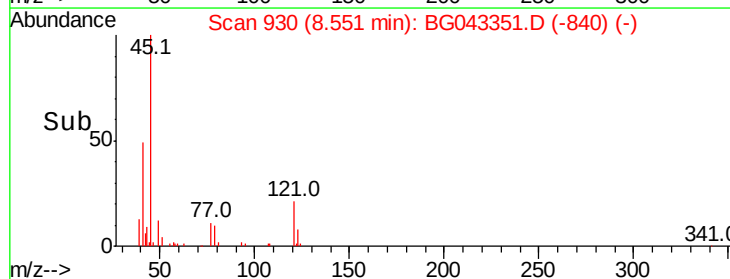
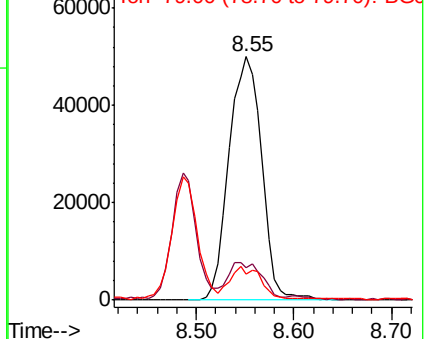
45 100

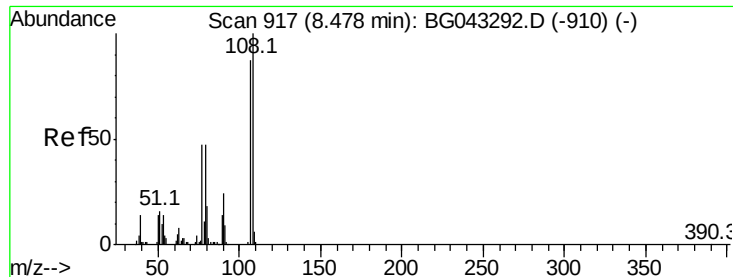
77 13.1 0.0 34.2

79 10.6 0.0 32.3



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: 45.394 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 91288

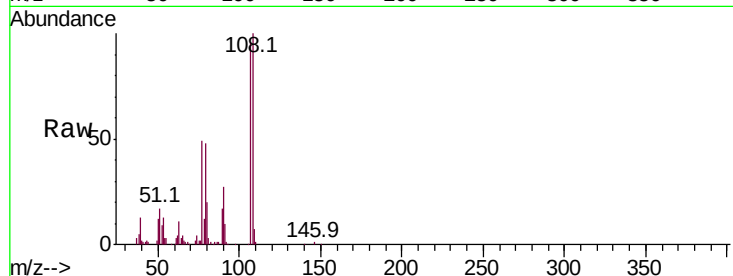
Ion Ratio Lower Upper

107 100

108 103.7 91.3 136.9

77 51.1 43.0 64.6

79 49.3 43.4 65.2

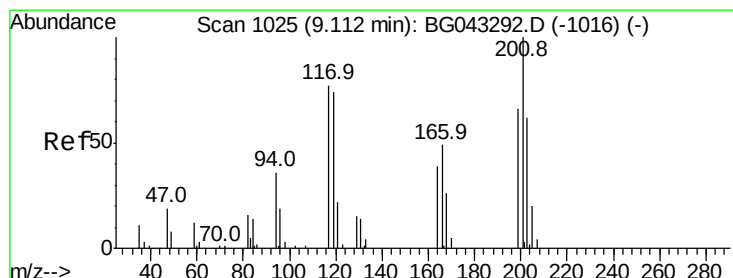
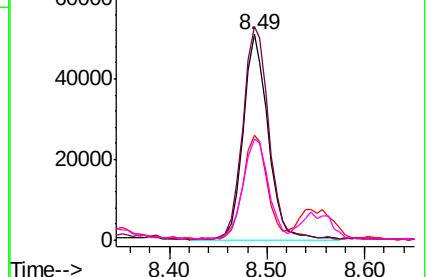
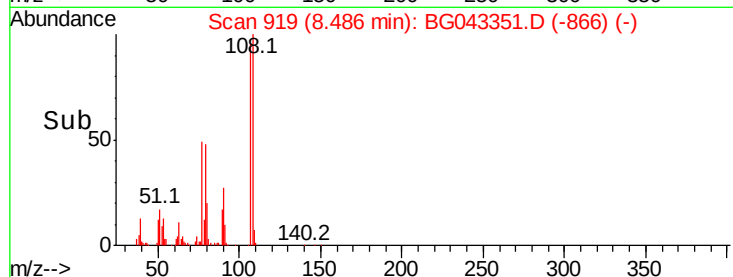


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.180 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

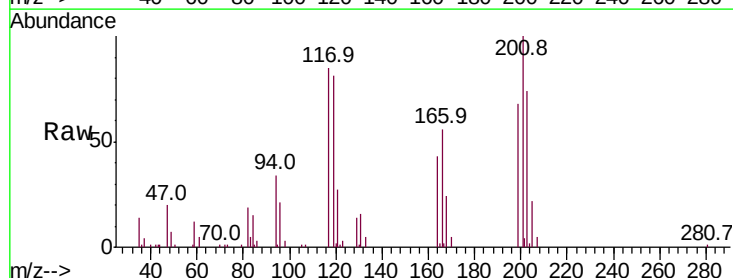
Tgt Ion:117 Resp: 40445

Ion Ratio Lower Upper

117 100

119 94.4 77.3 115.9

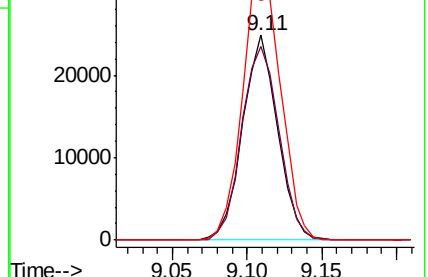
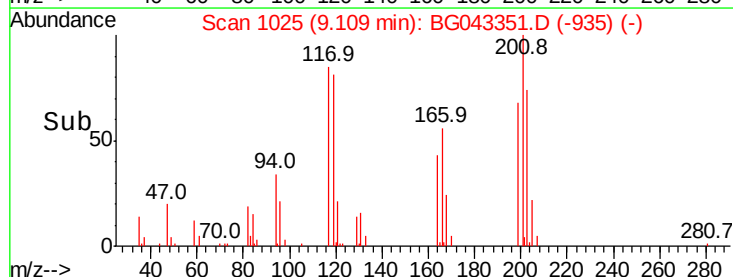
201 117.1 104.2 156.4

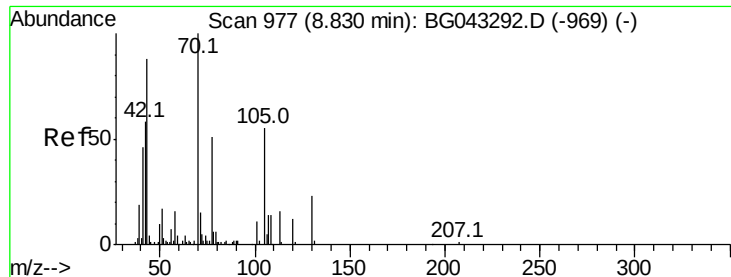


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

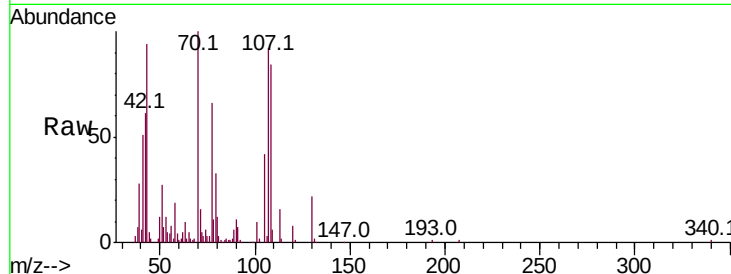




#19
n-Nitroso-di-n-propylamine
Concen: 39.946 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.5	46.2	69.2
101	10.5	8.6	13.0
130	22.0	18.6	27.8



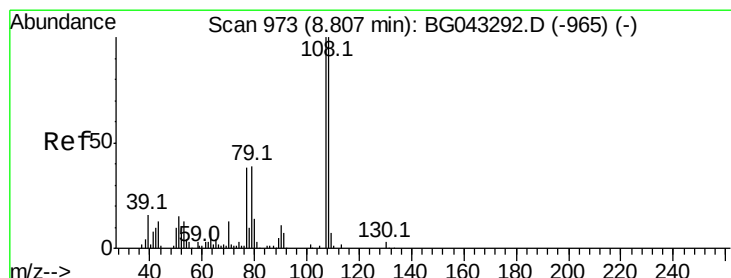
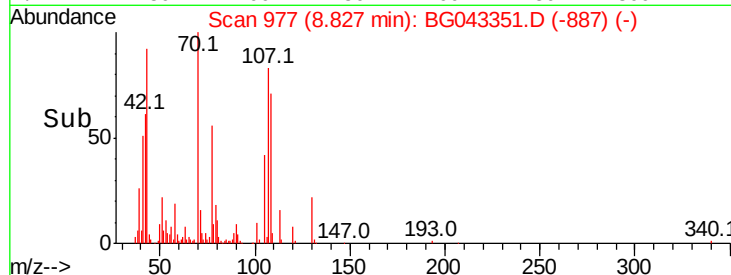
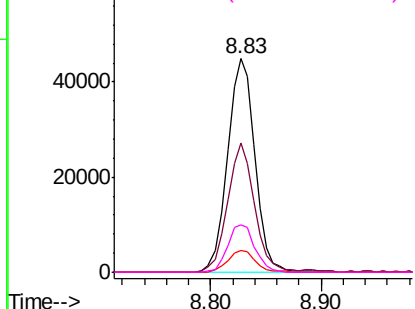
Abundance

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: 42.755 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.01 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	80.3	120.3
77	46.2	18.2	58.2
79	33.0	18.8	58.8

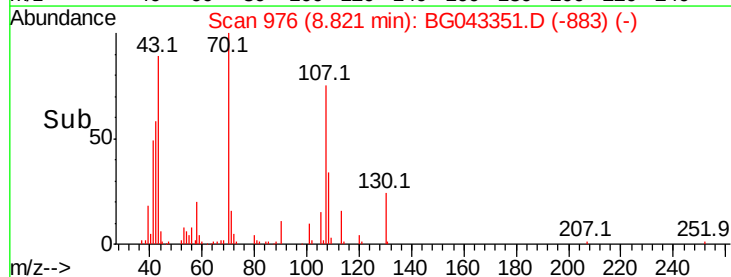
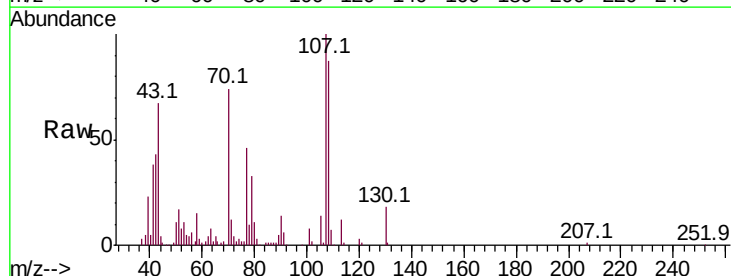
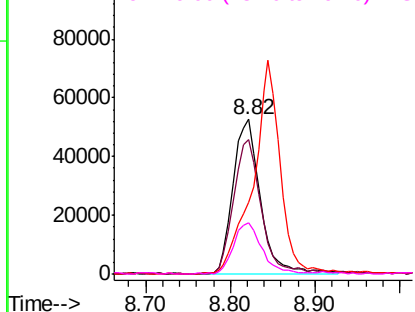
Abundance

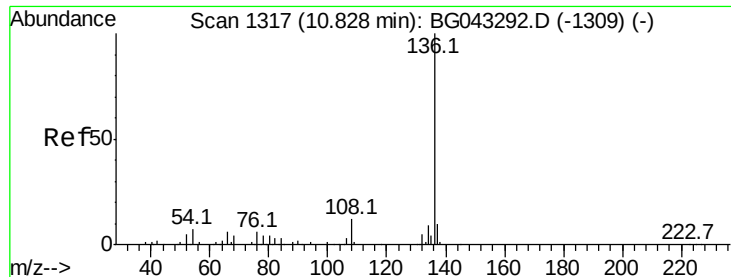
Ion 107.00 (106.70 to 107.70): BGC

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

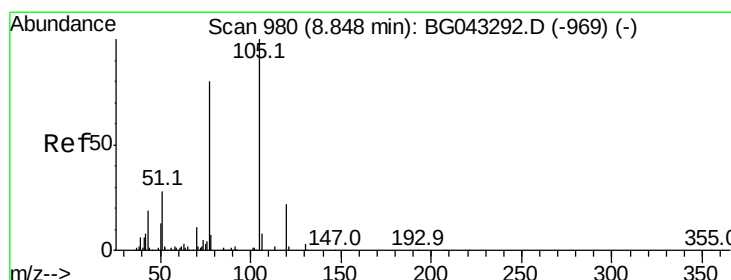
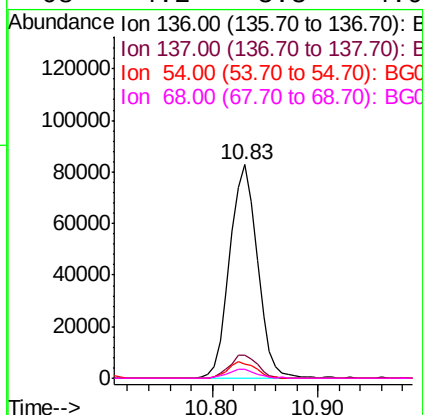
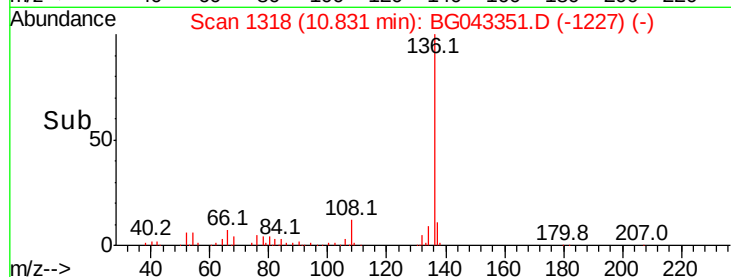
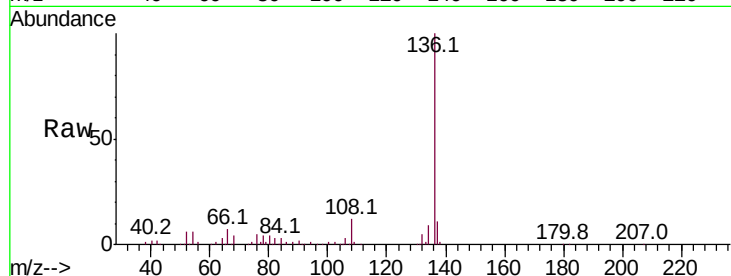




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

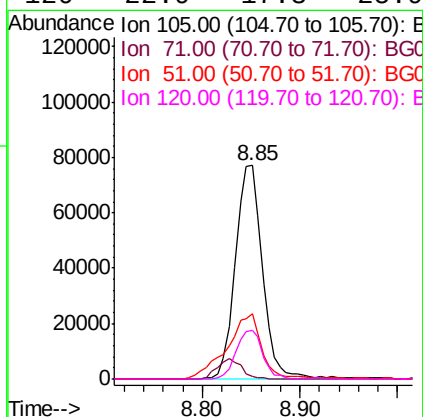
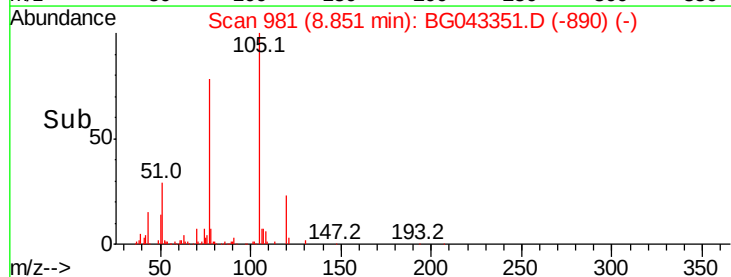
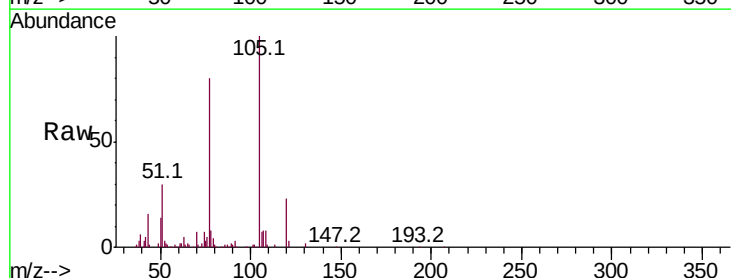
Instrument :
BNA_G
ClientSampleId :

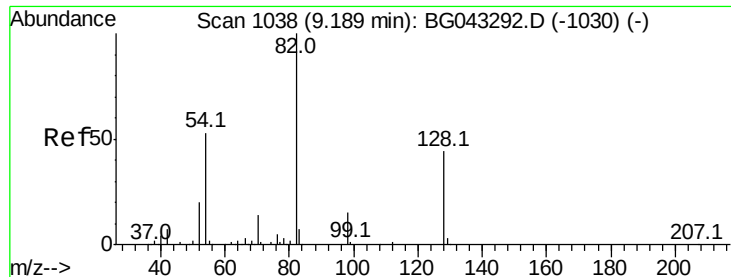
Tot Ion:136	Resp:	150544
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.2	12.2
54 6.5	5.4	8.2
68 4.2	3.3	4.9



#22
Acetophenone
Concen: 38.740 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt	Ion:105	Resp:	149353
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.5	2.3#
51	30.4	23.9	35.9
120	22.9	17.3	25.9

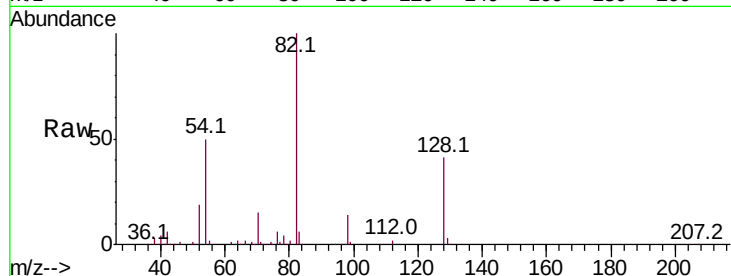




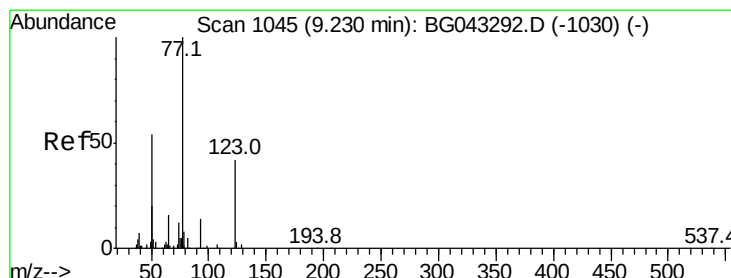
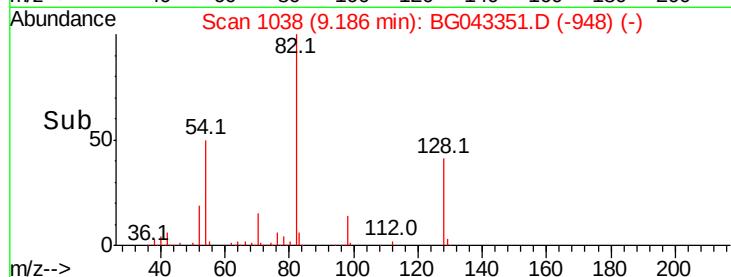
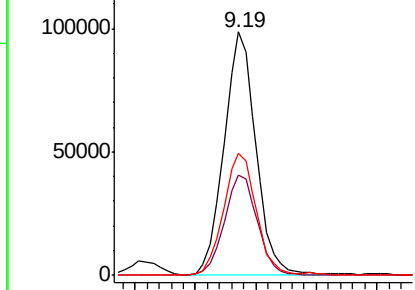
#23
 Nitrobenzene-d5
 Concen: 61.648 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 180018
 Ion Ratio Lower Upper
 82 100
 128 41.2 35.3 52.9
 54 50.1 42.3 63.5

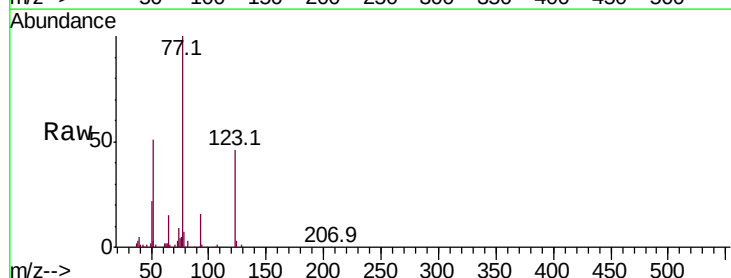


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

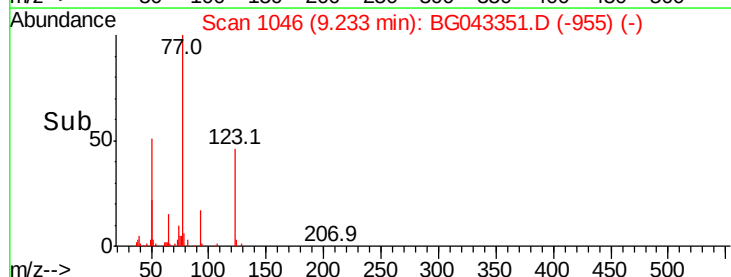
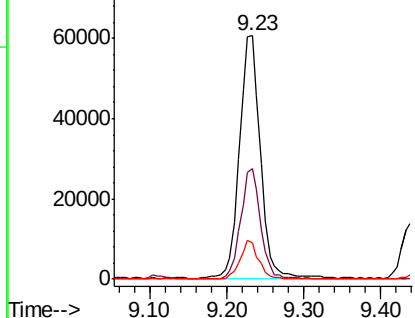


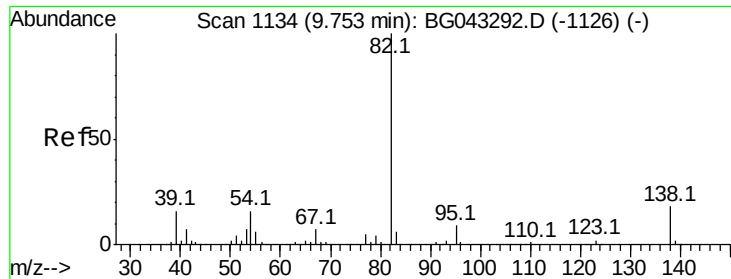
#24
 Nitrobenzene
 Concen: 42.233 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

Tgt Ion: 77 Resp: 117481
 Ion Ratio Lower Upper
 77 100
 123 45.6 33.8 50.8
 65 14.9 13.0 19.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.220 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

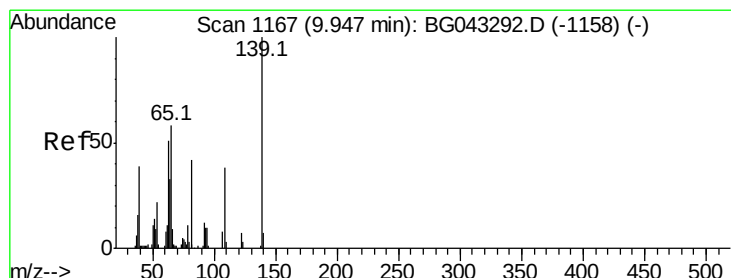
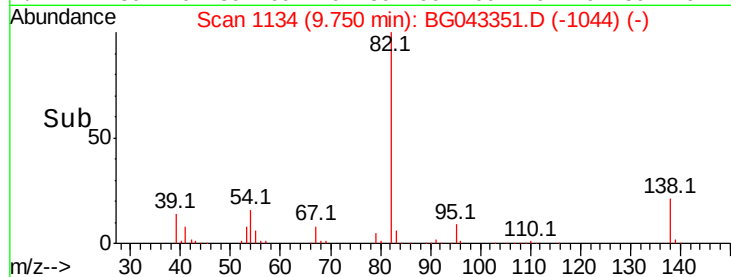
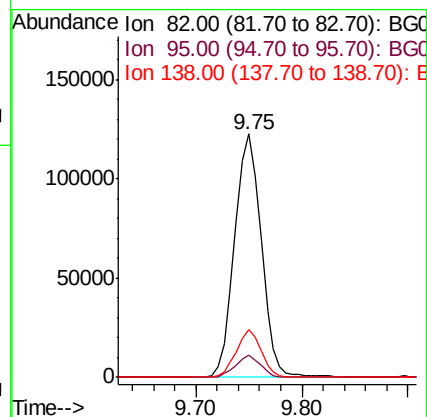
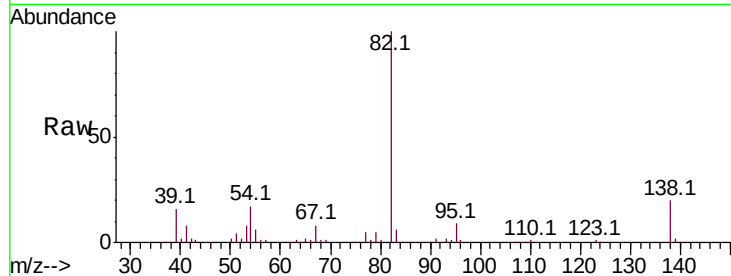
Tot Ion: 82 Resp: 214726

Ion Ratio Lower Upper

82 100

95 9.0 6.9 10.3

138 19.7 14.2 21.2



#26

2-Nitrophenol

Concen: 45.220 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

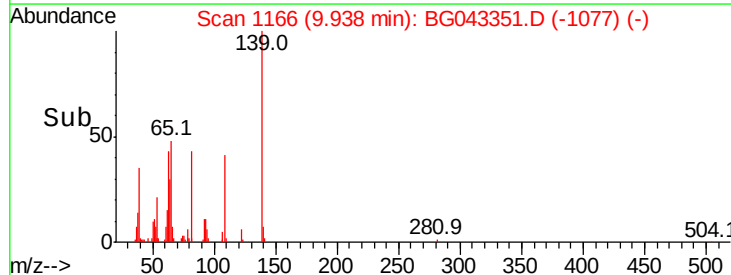
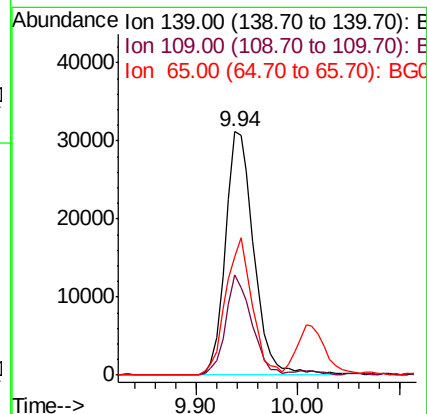
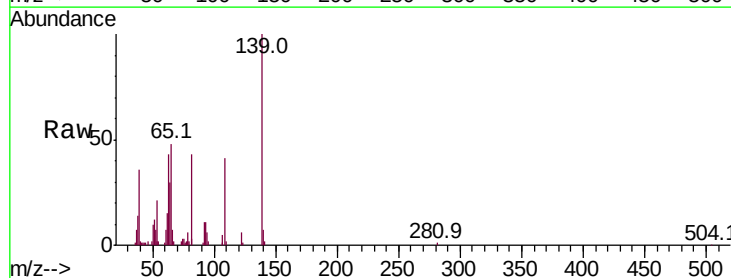
Tgt Ion: 139 Resp: 60729

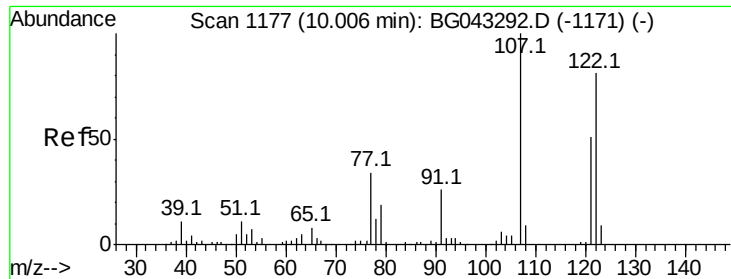
Ion Ratio Lower Upper

139 100

109 41.3 30.1 45.1

65 48.5 46.1 69.1

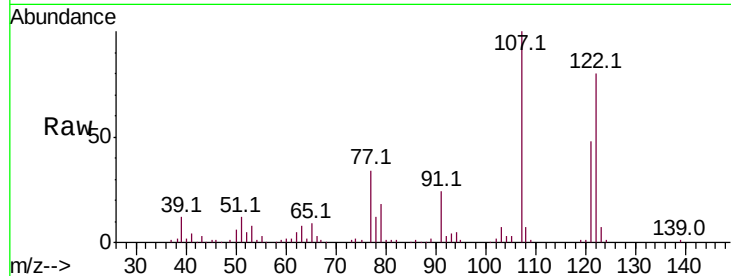




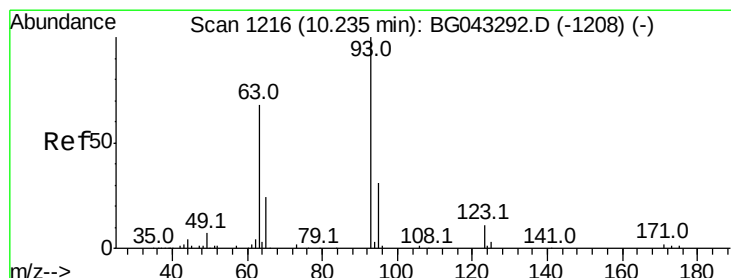
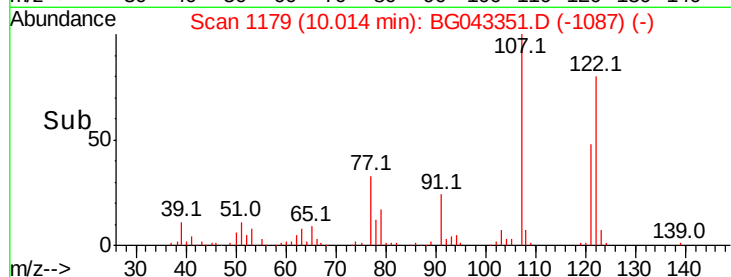
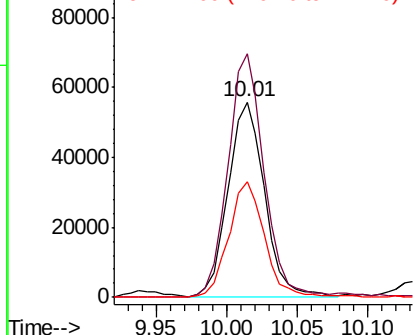
#27
 2,4-Dimethylphenol
 Concen: 51.999 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 100089
 Ion Ratio Lower Upper
 122 100
 107 124.5 98.6 147.8
 121 59.2 50.1 75.1

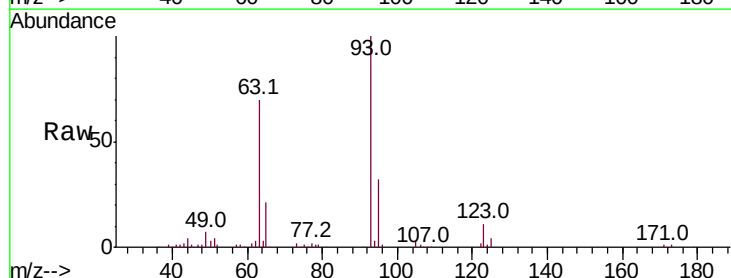


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

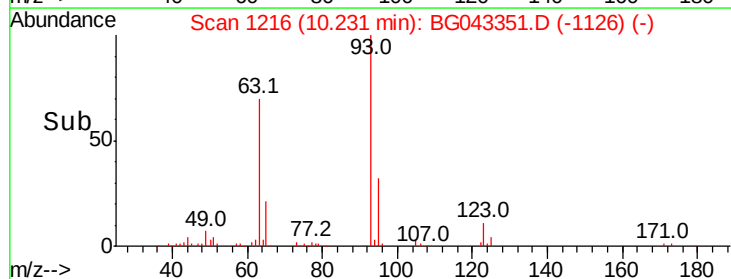
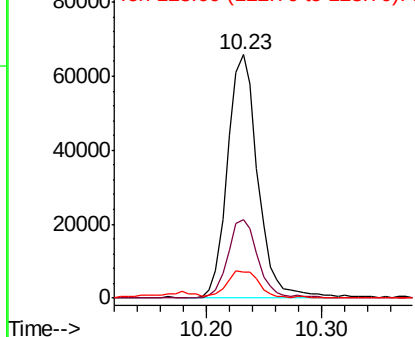


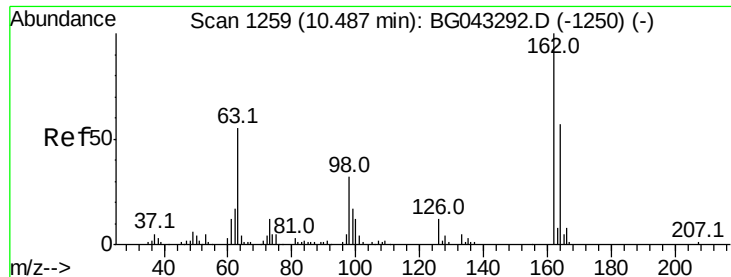
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.745 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

Tgt Ion: 93 Resp: 120057
 Ion Ratio Lower Upper
 93 100
 95 32.1 24.9 37.3
 123 10.7 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.612 ng

RT: 10.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

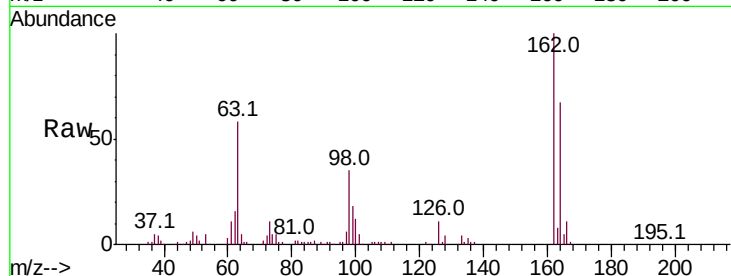
Tot Ion:162 Resp: 112490

Ion Ratio Lower Upper

162 100

164 66.6 37.3 77.3

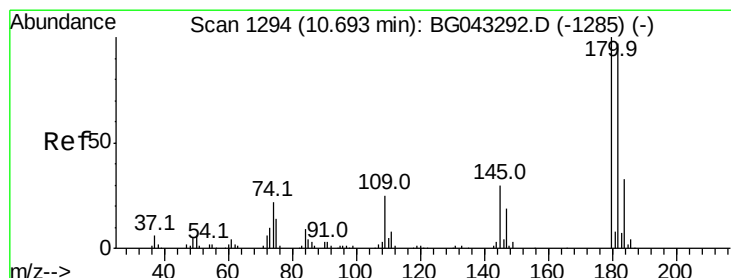
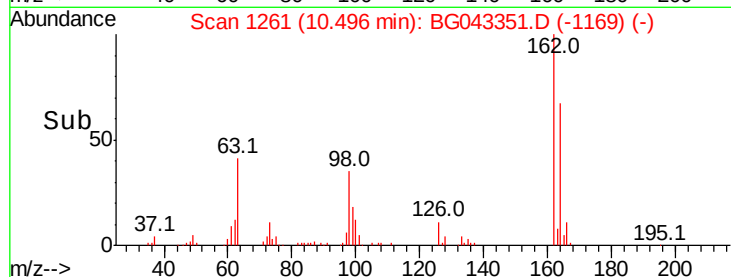
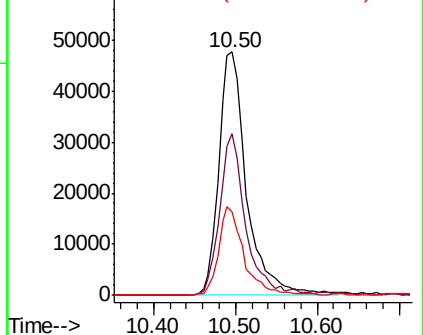
98 34.6 11.8 51.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.949 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

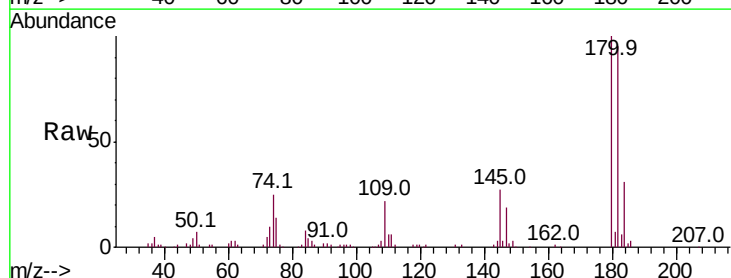
Tgt Ion:180 Resp: 124176

Ion Ratio Lower Upper

180 100

182 94.5 77.8 116.8

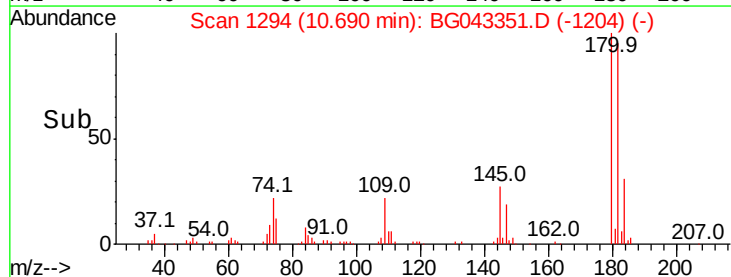
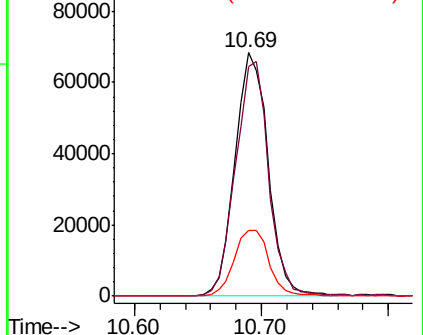
145 27.0 23.6 35.4

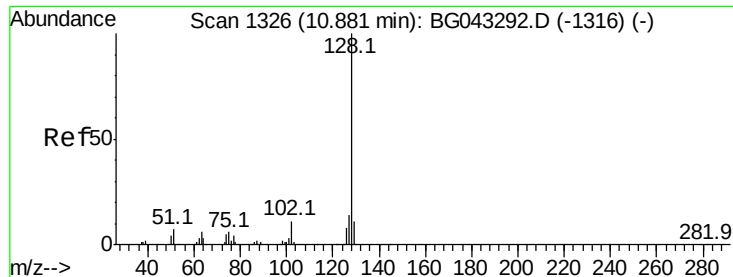


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

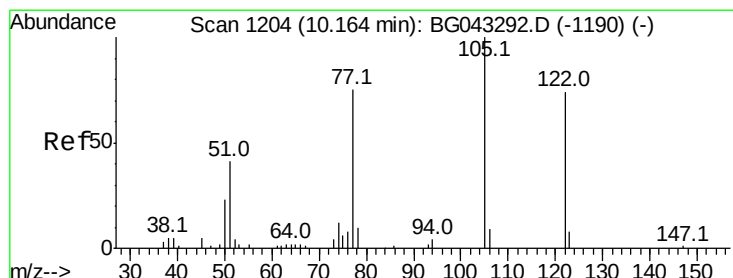
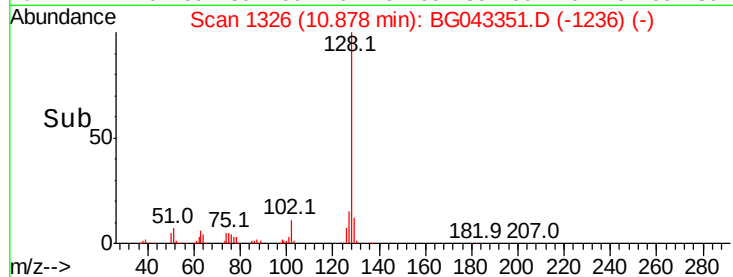
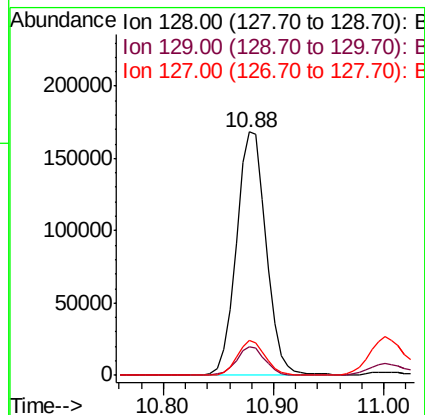
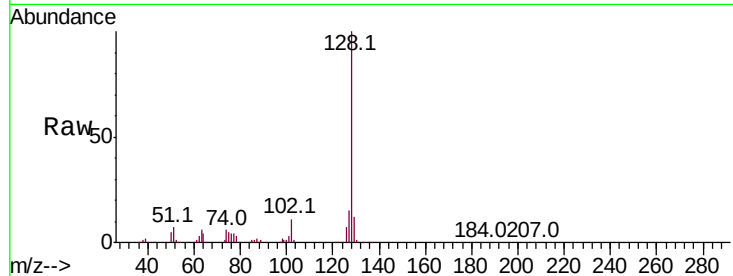




#31
Naphthalene
Concen: 41.714 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

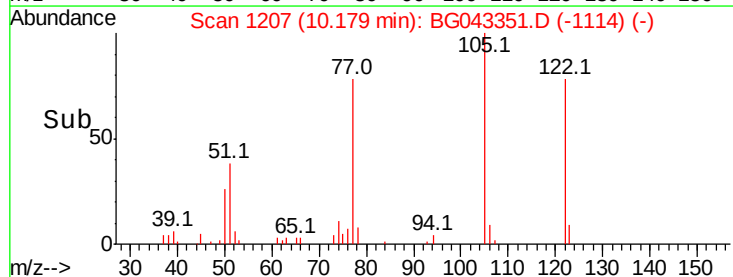
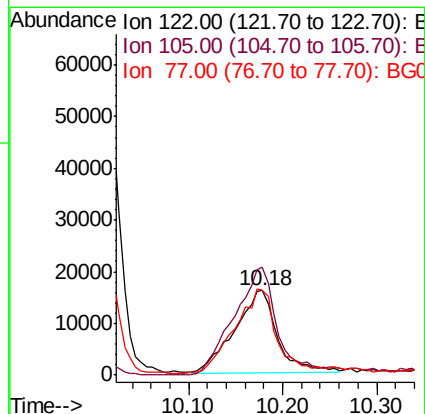
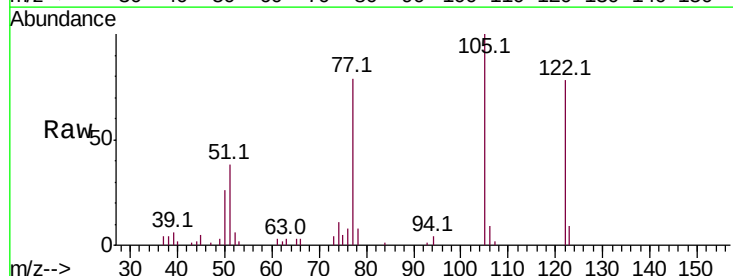
Instrument :
BNA_G
ClientSampleId :

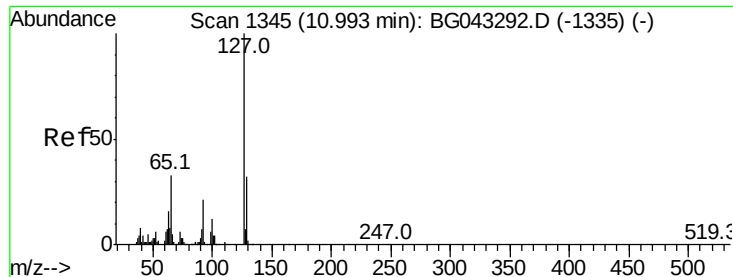
Tot Ion:128 Resp: 318761
Ion Ratio Lower Upper
128 100
129 12.0 8.6 12.8
127 14.6 11.5 17.3



#32
Benzoic acid
Concen: 36.384 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt Ion:122 Resp: 49509
Ion Ratio Lower Upper
122 100
105 128.0 112.4 152.4
77 101.0 82.7 122.7

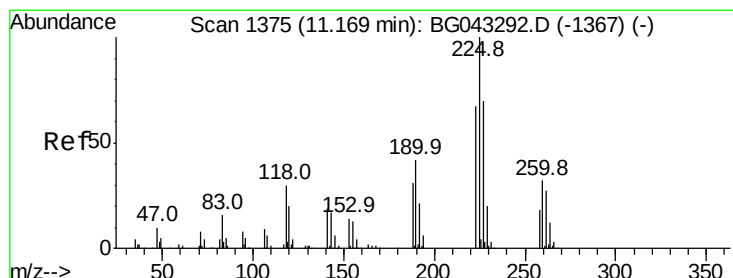
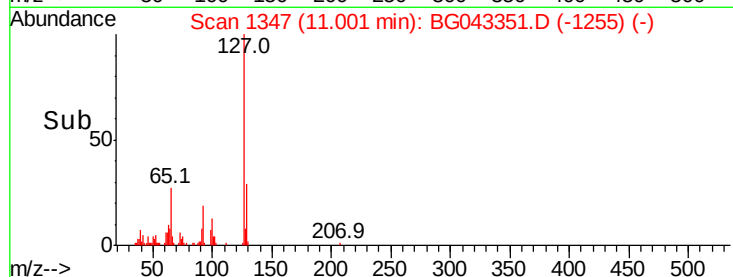
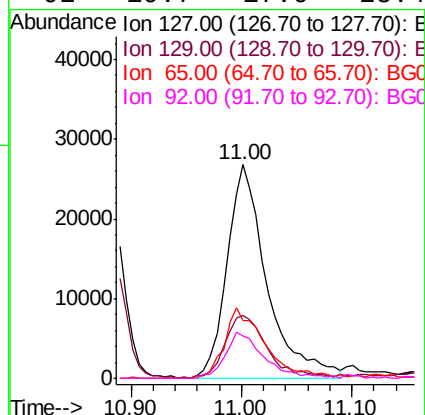
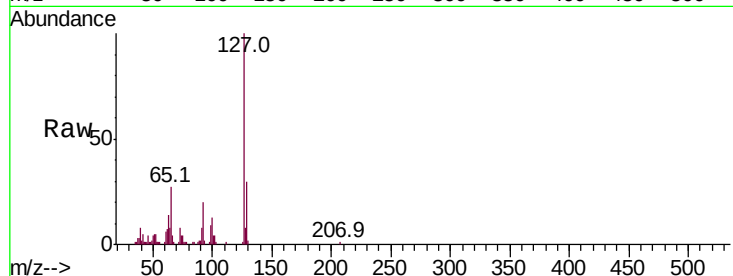




#33
4-Chloroaniline
Concen: 21.605 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

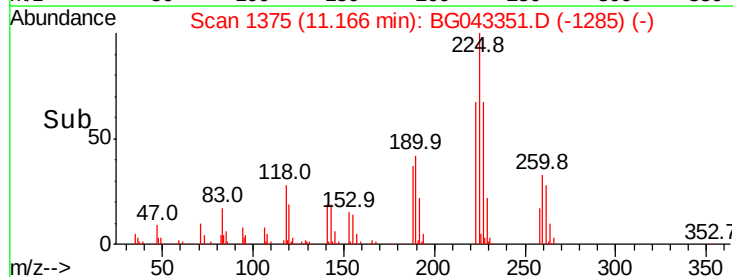
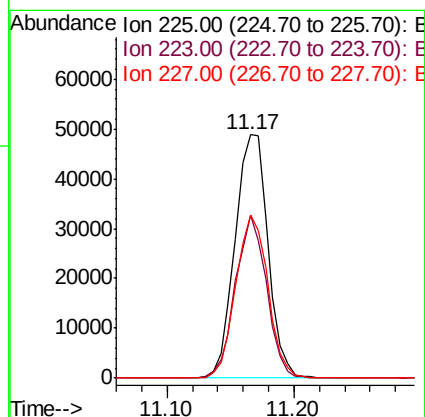
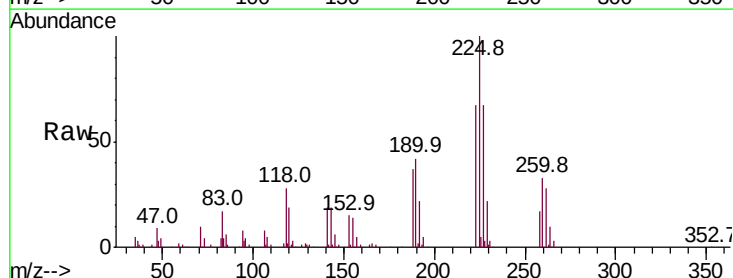
Instrument :
BNA_G
ClientSampleId :

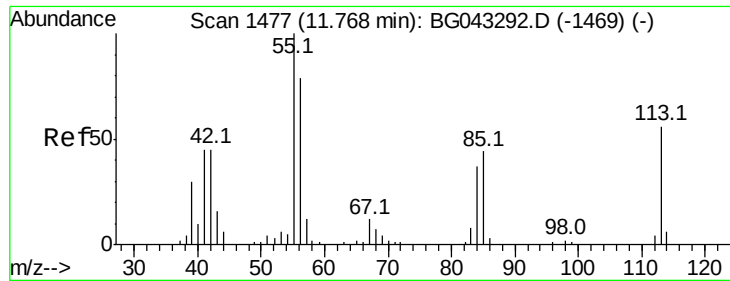
Tot Ion:127	Resp:	67676	
Ion Ratio	Lower	Upper	
127 100			
129 29.5	25.8	38.8	
65 26.7	26.2	39.2	
92 19.7	17.0	25.4	



#34
Hexachlorobutadiene
Concen: 38.197 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt	Ion:225	Resp:	87767
Ion	Ratio	Lower	Upper
225	100		
223	66.8	53.2	79.8
227	66.7	56.2	84.2





#35

Caprolactam

Concen: 18.349 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

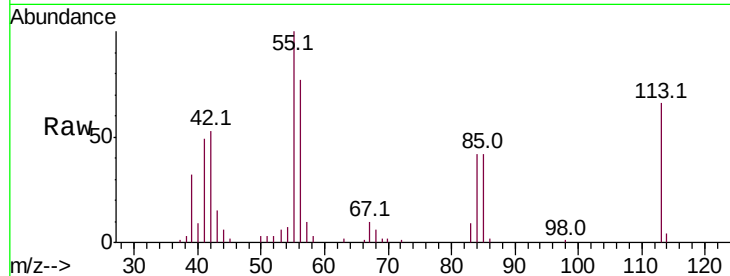
Tot Ion:113 Resp: 15585

Ion Ratio Lower Upper

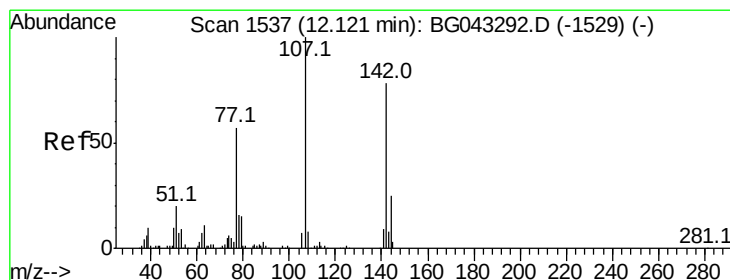
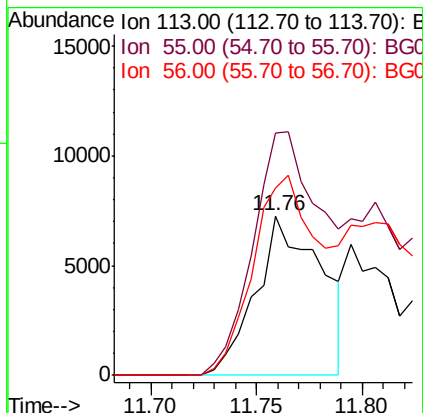
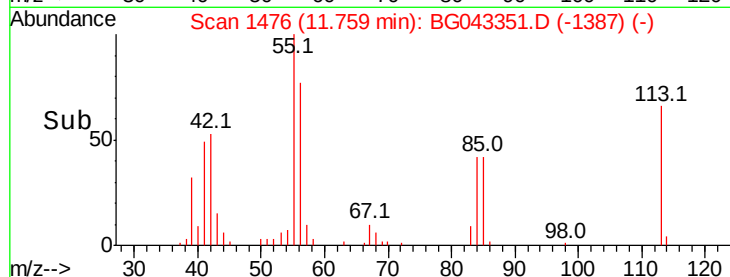
113 100

55 152.2 158.9 198.9#

56 117.8 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.048 ng

RT: 12.14 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

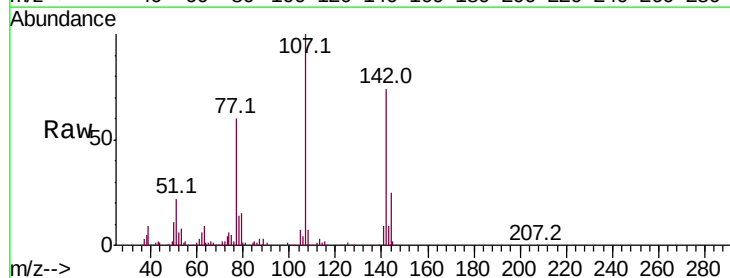
Tgt Ion:107 Resp: 118495

Ion Ratio Lower Upper

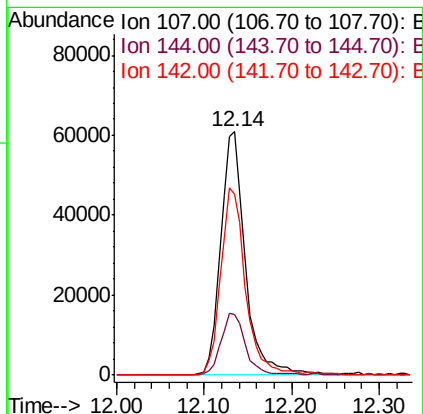
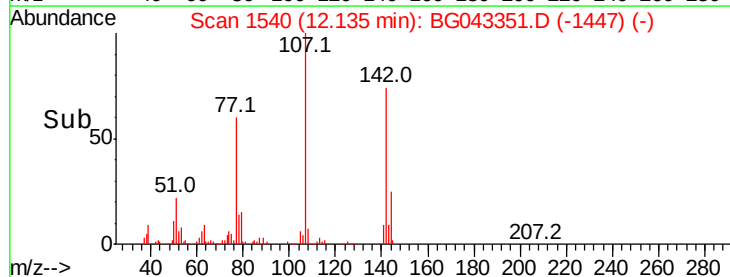
107 100

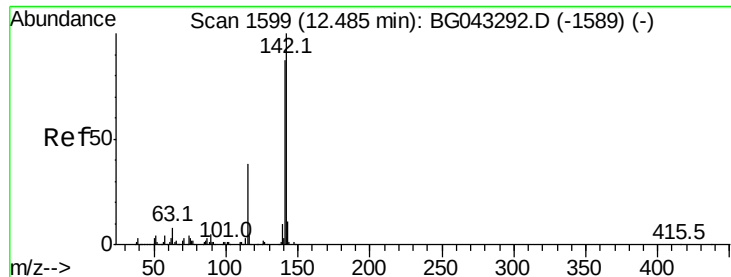
144 24.7 19.9 29.9

142 74.3 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

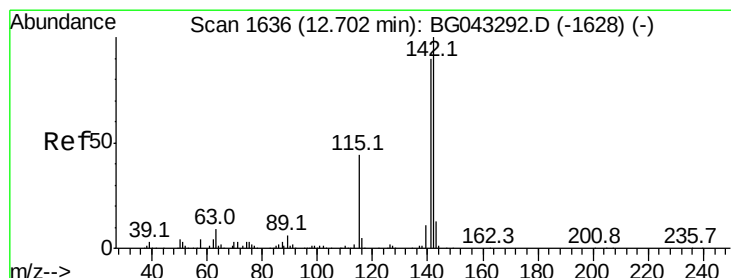
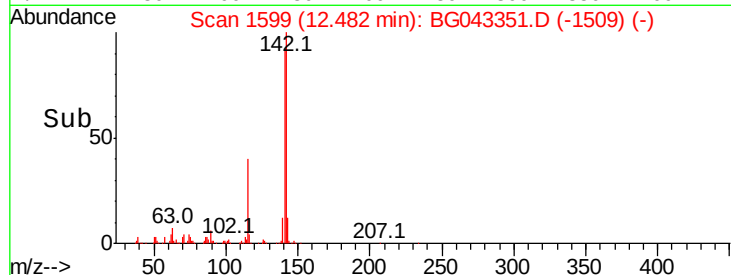
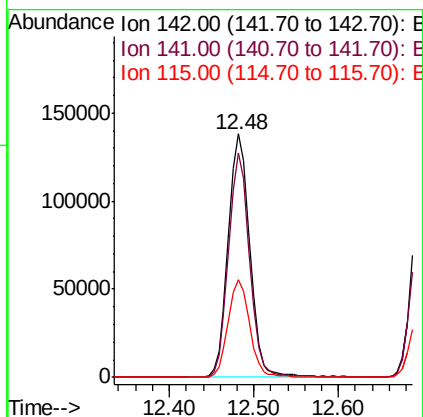
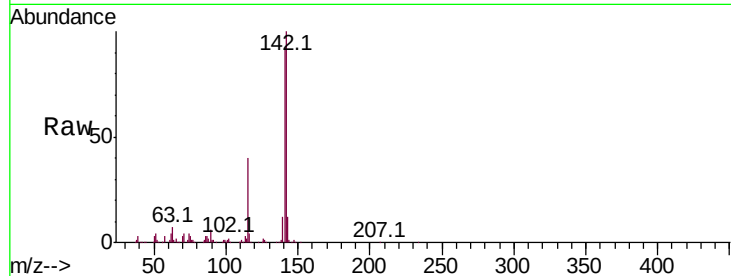




#37
2-Methylnaphthalene
Concen: 41.529 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

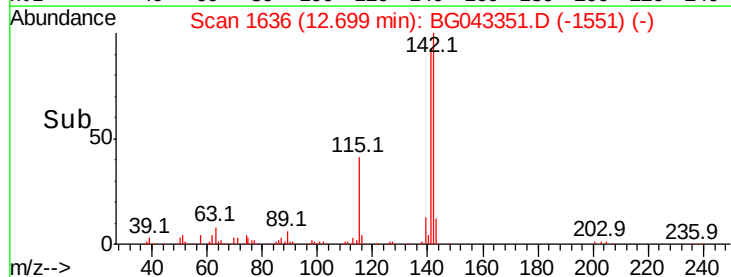
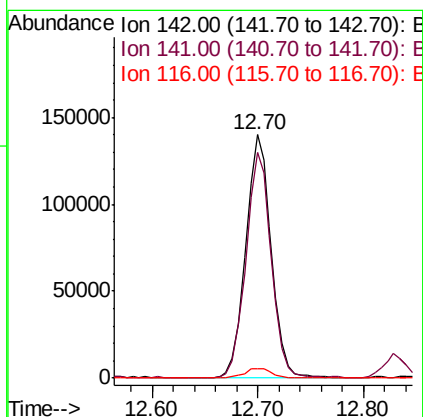
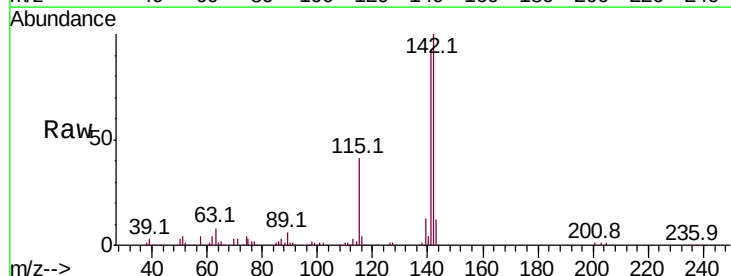
Instrument :
BNA_G
ClientSampleId :

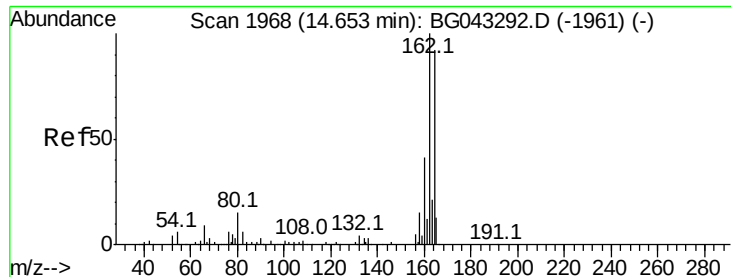
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	69.7	104.5
115	40.1	30.6	46.0



#38
1-Methylnaphthalene
Concen: 41.572 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	72.3	108.5
116	4.1	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

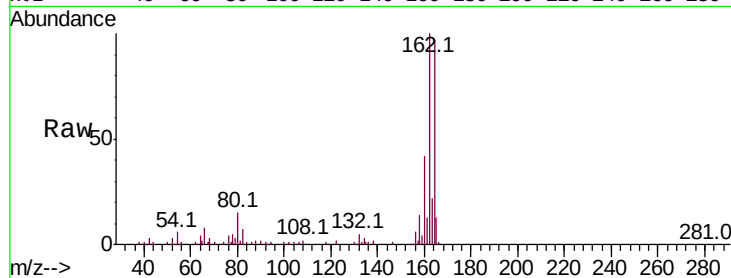
Tot Ion:164 Resp: 110395

Ion Ratio Lower Upper

164 100

162 103.3 87.0 130.4

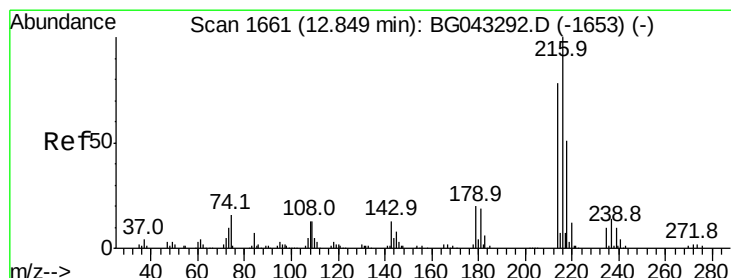
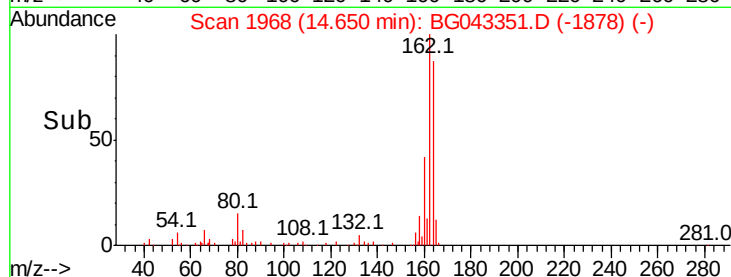
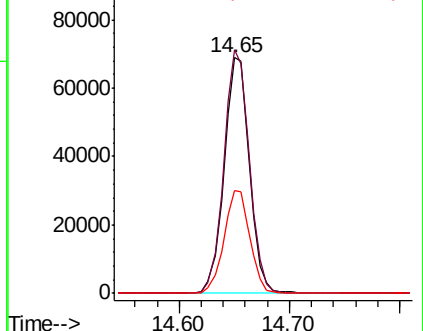
160 43.4 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.282 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Tgt Ion:216 Resp: 156404

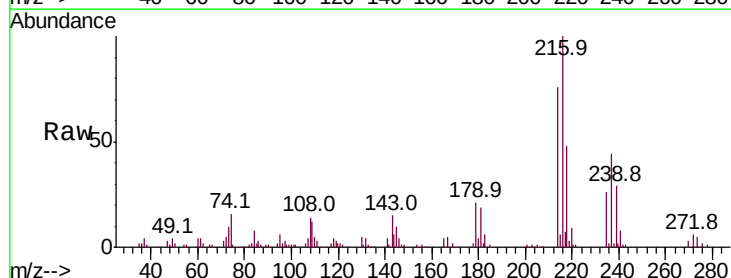
Ion Ratio Lower Upper

216 100

214 79.5 63.5 95.3

179 20.0 16.2 24.2

108 16.4 11.2 16.8

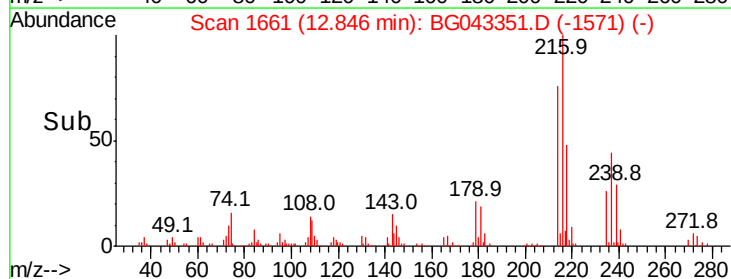
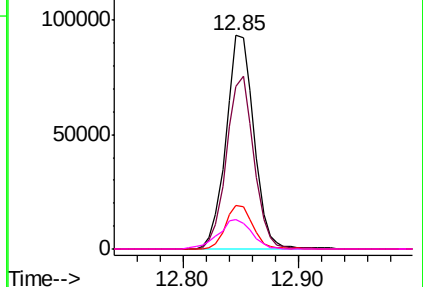


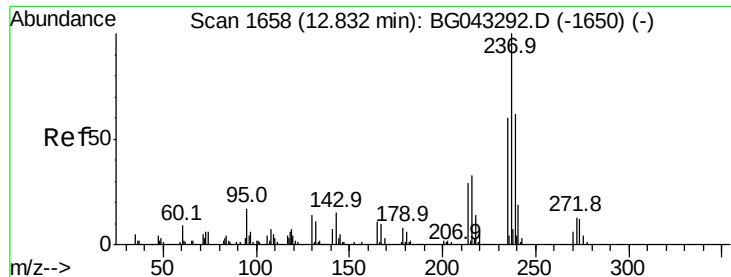
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.748 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

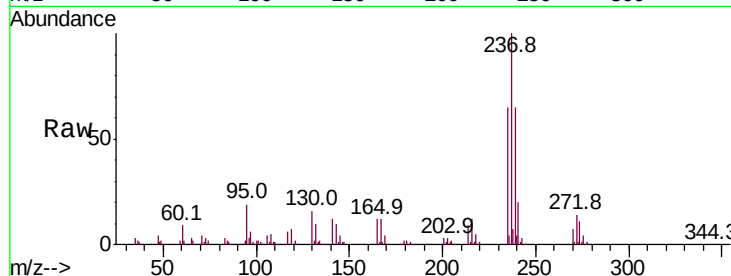
Tot Ion:237 Resp: 196906

Ion Ratio Lower Upper

237 100

235 64.7 40.3 80.3

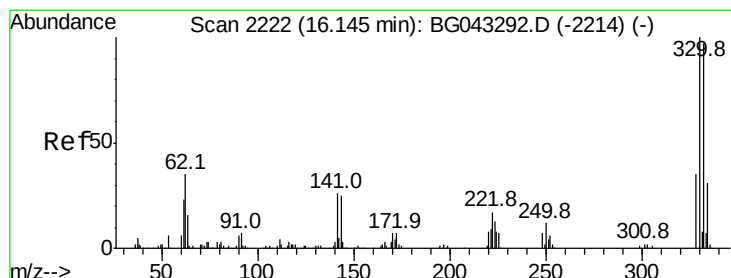
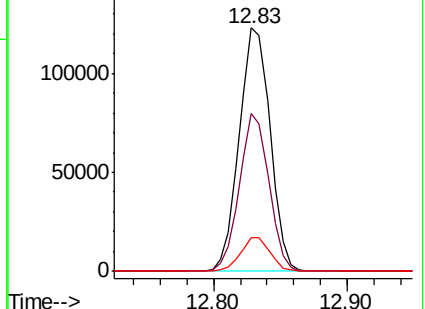
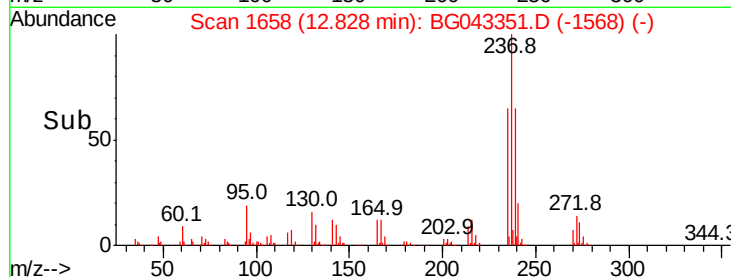
272 13.6 0.0 32.9



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: 111.094 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

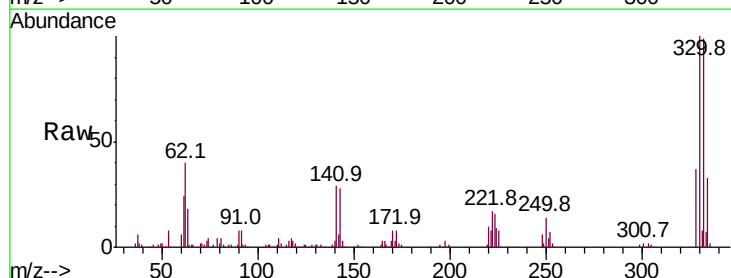
Tgt Ion:330 Resp: 233388

Ion Ratio Lower Upper

330 100

332 97.9 76.4 114.6

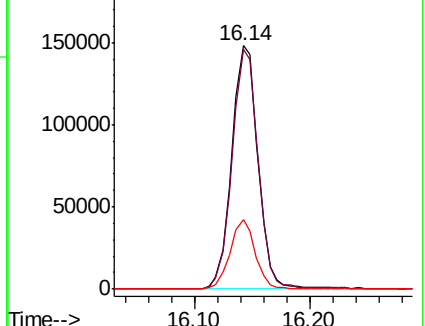
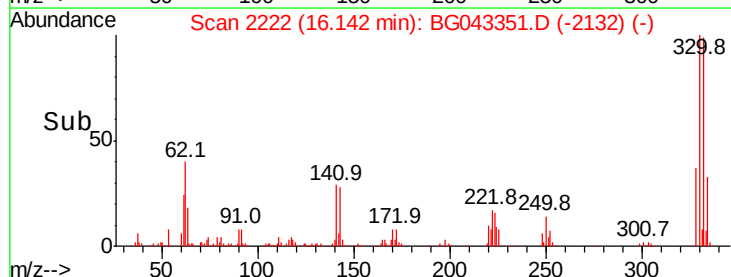
141 27.7 21.4 32.0

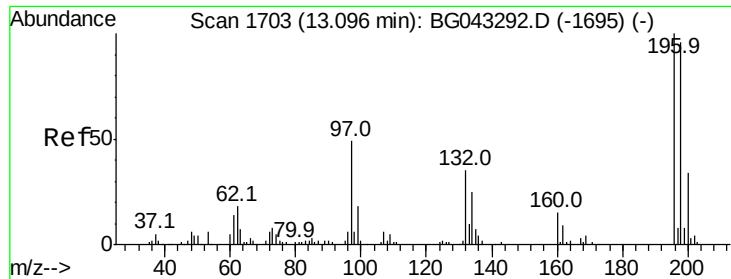


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

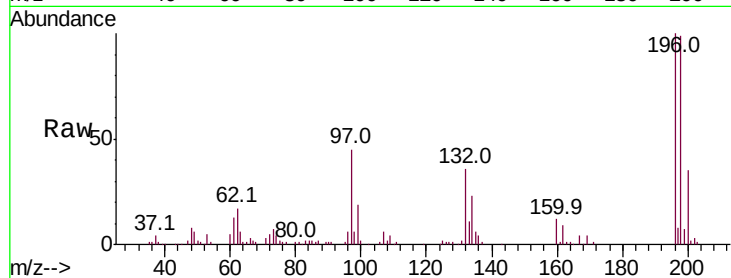




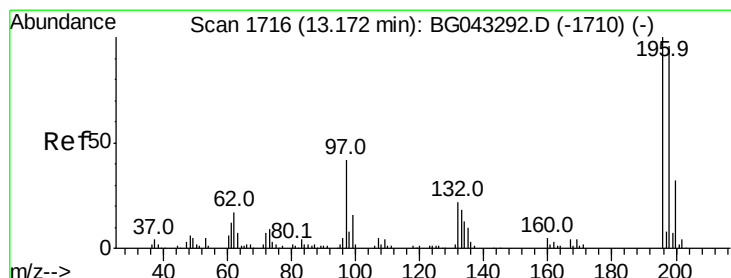
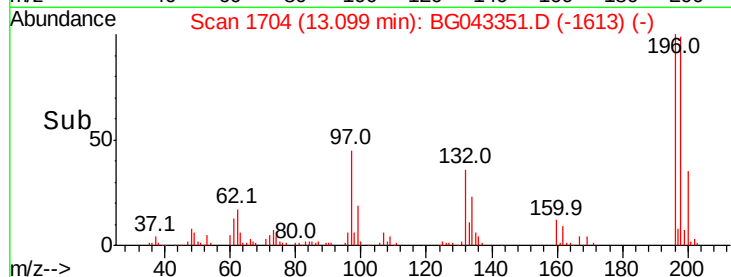
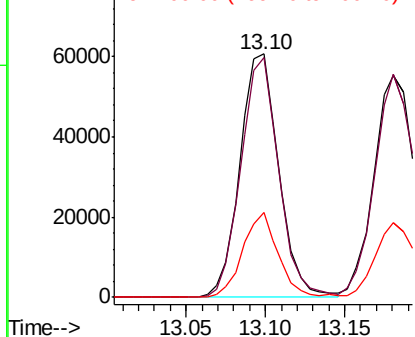
#43
 2,4,6-Trichlorophenol
 Concen: 42.945 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 103326
 Ion Ratio Lower Upper
 196 100
 198 98.6 77.0 115.4
 200 34.6 27.4 41.2

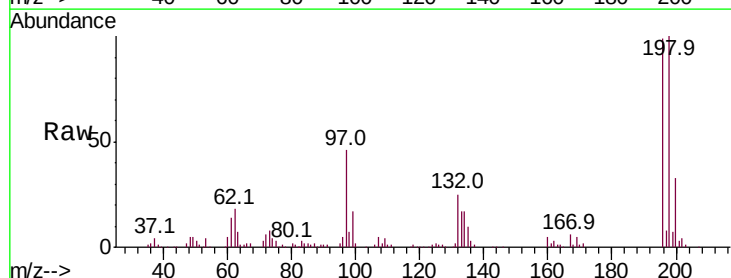


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

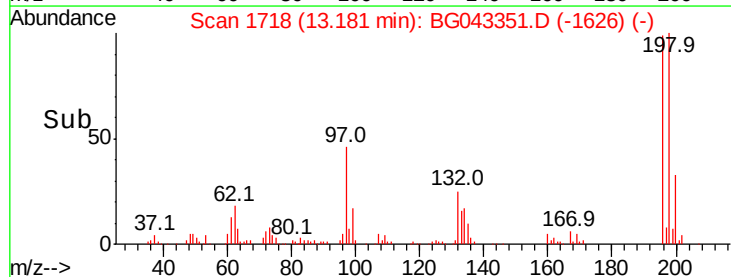
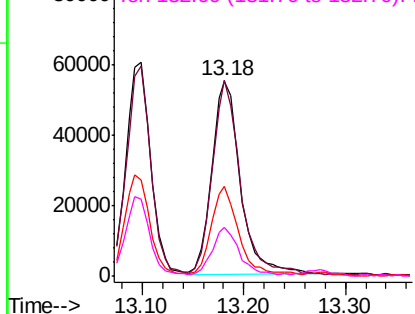


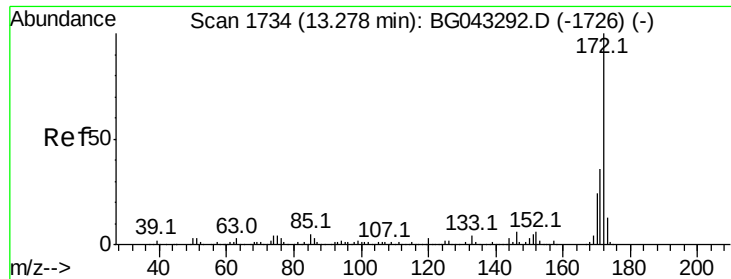
#44
 2,4,5-Trichlorophenol
 Concen: 44.163 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

Tgt Ion:196 Resp: 107423
 Ion Ratio Lower Upper
 196 100
 198 100.6 76.6 114.8
 97 46.0 34.1 51.1
 132 24.9 18.2 27.4



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

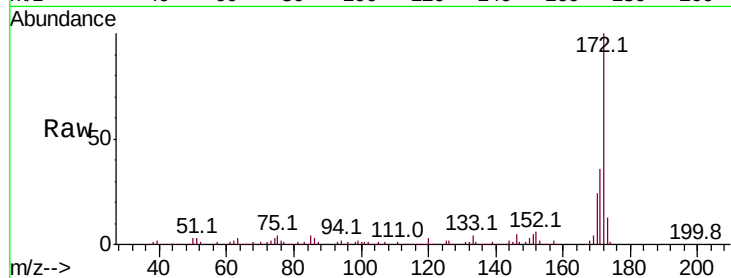




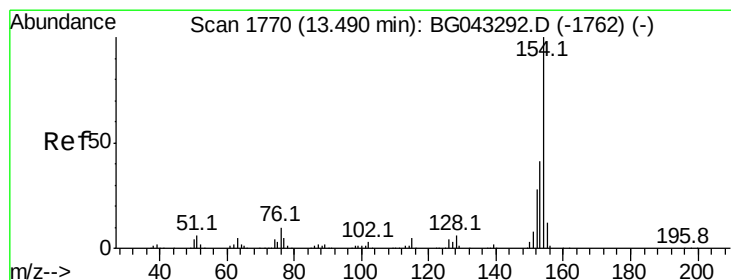
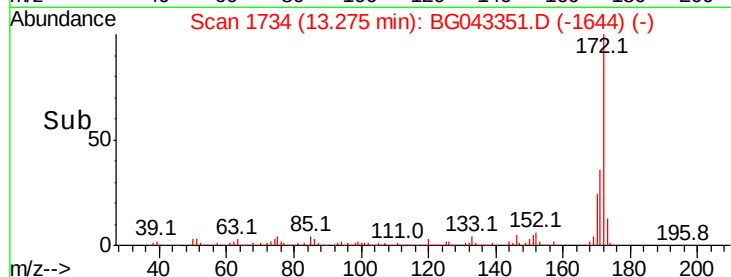
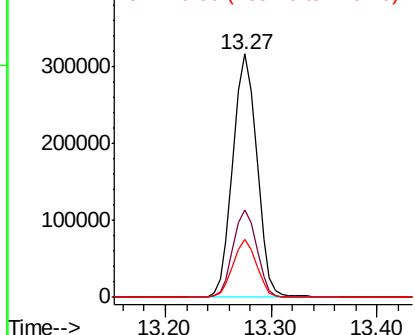
#45
2-Fluorobiphenyl
Concen: 62.602 ng
RT: 13.27 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 500139
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.7 18.8 28.2

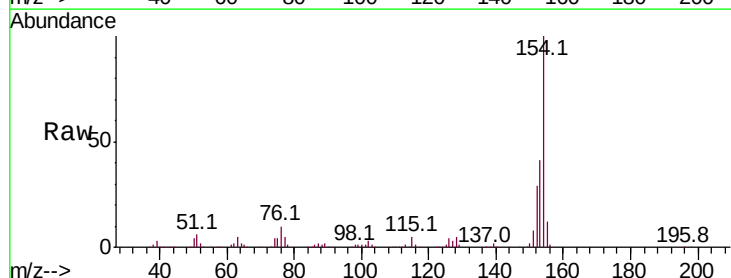


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

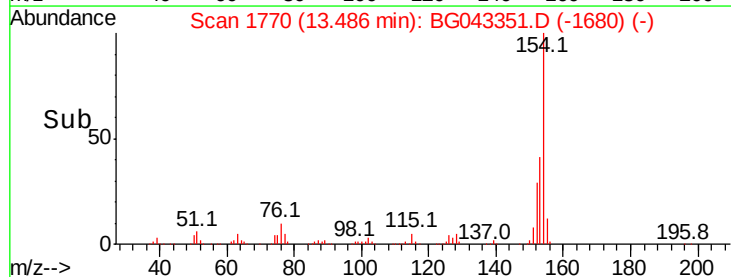
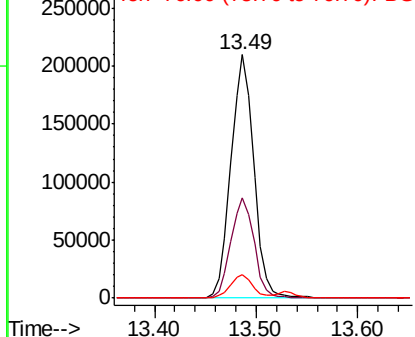


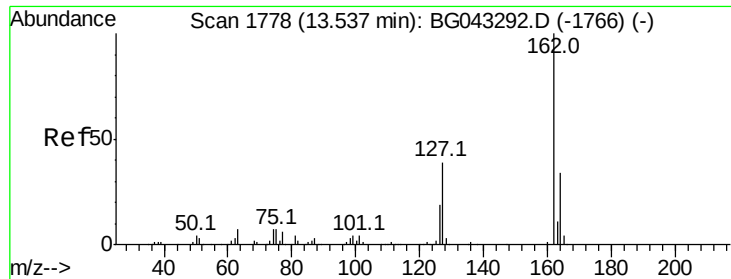
#46
1,1'-Biphenyl
Concen: 39.188 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt Ion:154 Resp: 329111
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 9.7 0.0 29.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC





#47

2-Chloronaphthalene

Concen: 40.007 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

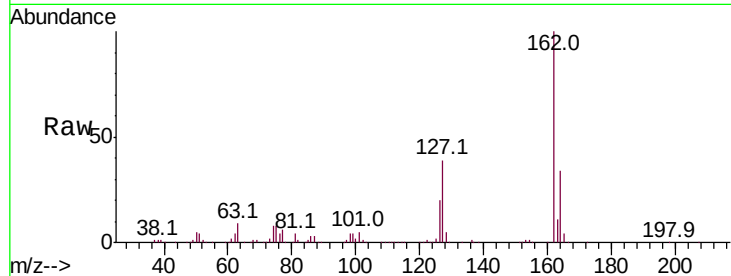
Tot Ion:162 Resp: 255646

Ion Ratio Lower Upper

162 100

127 39.3 31.3 46.9

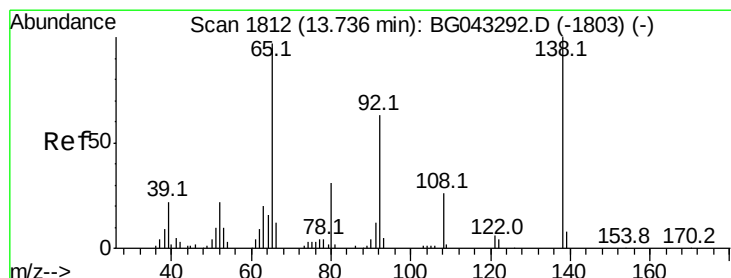
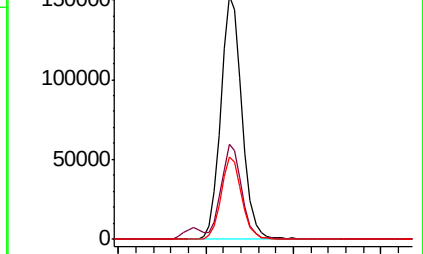
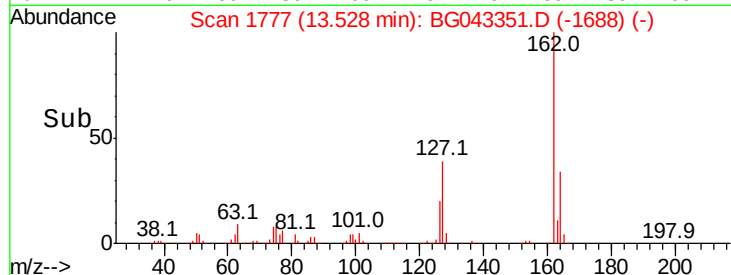
164 33.8 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.013 ng

RT: 13.74 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

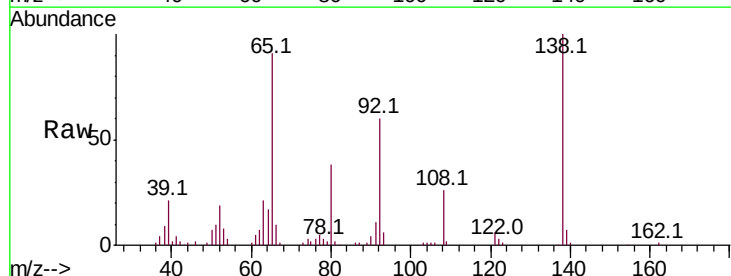
Tgt Ion: 65 Resp: 76418

Ion Ratio Lower Upper

65 100

92 66.3 52.6 79.0

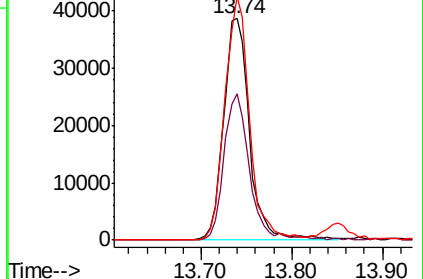
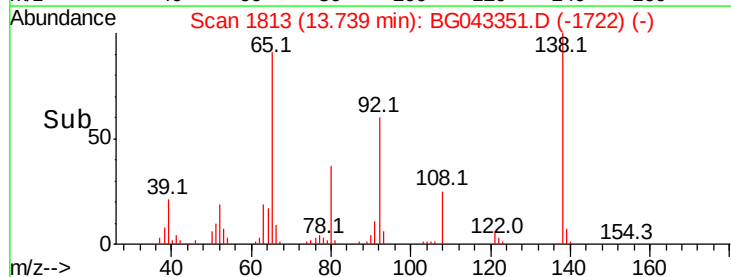
138 110.0 82.9 124.3

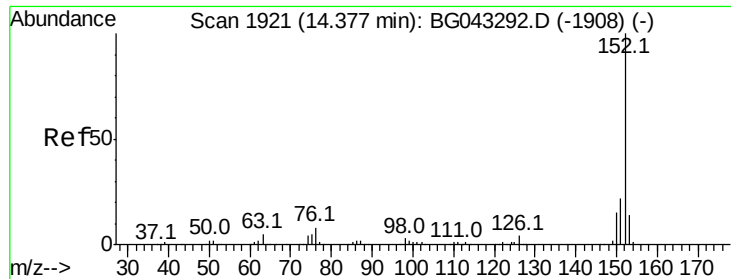


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.454 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

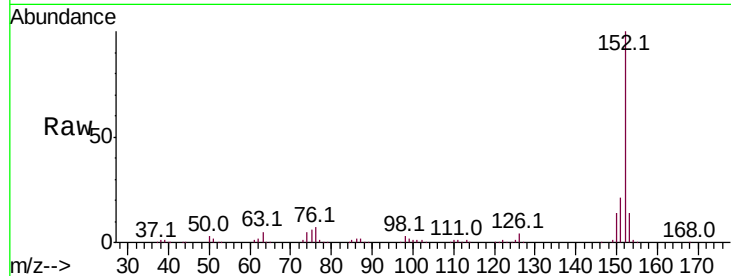
Tot Ion:152 Resp: 412262

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

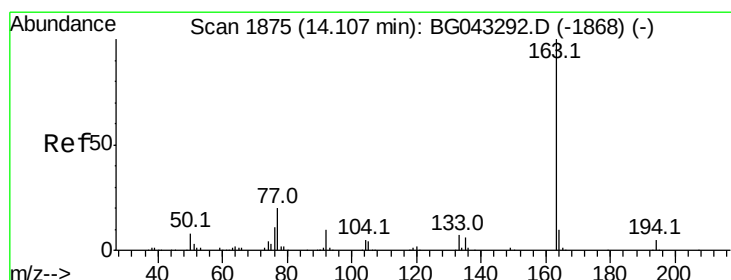
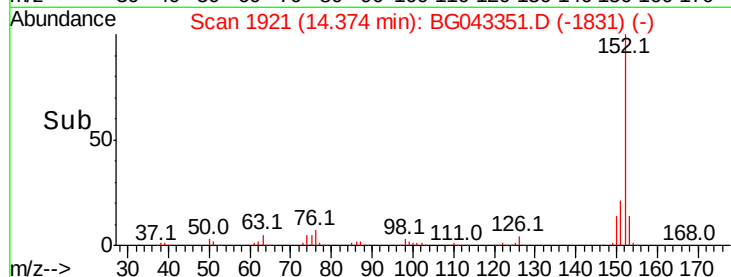
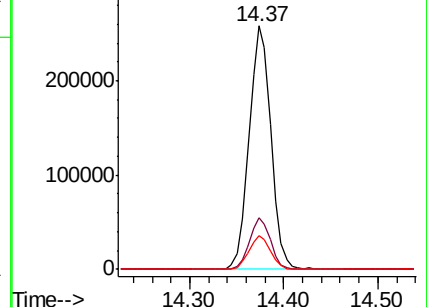
153 13.6 11.0 16.6



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: 39.418 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

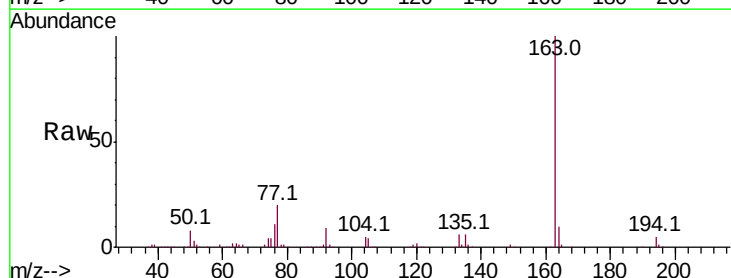
Tgt Ion:163 Resp: 337056

Ion Ratio Lower Upper

163 100

194 5.0 3.7 5.5

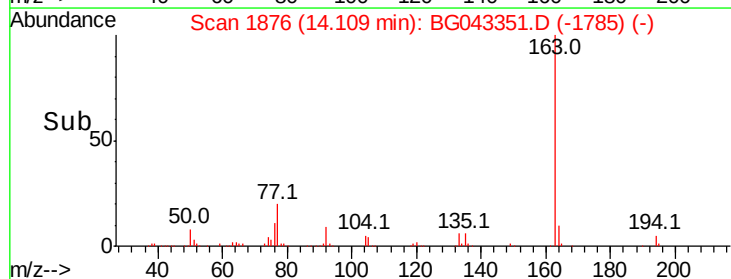
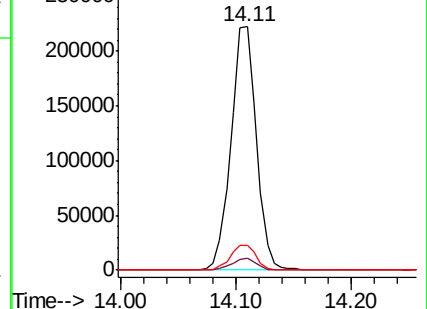
164 10.1 8.1 12.1

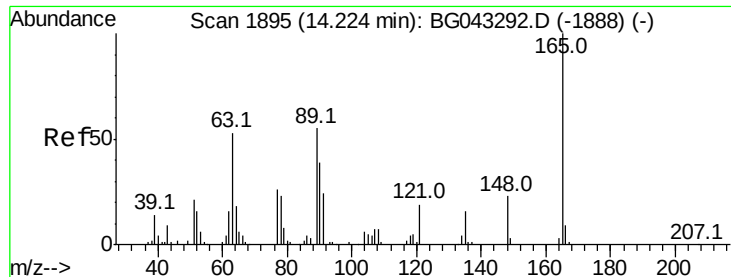


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

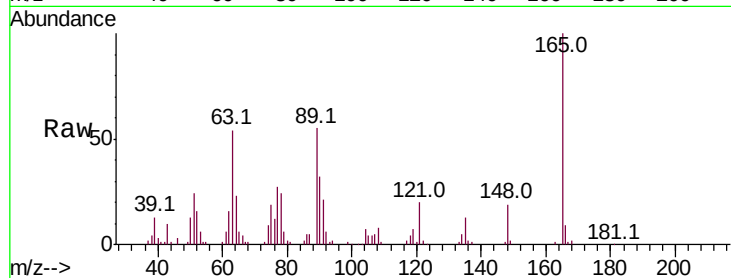




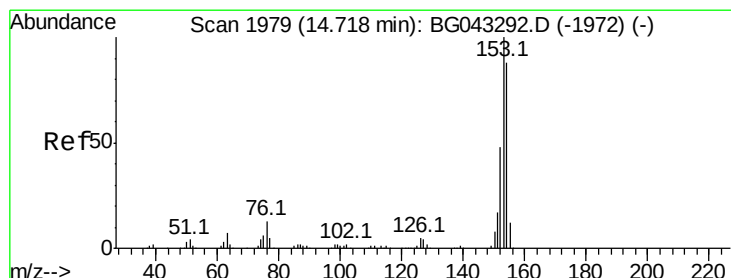
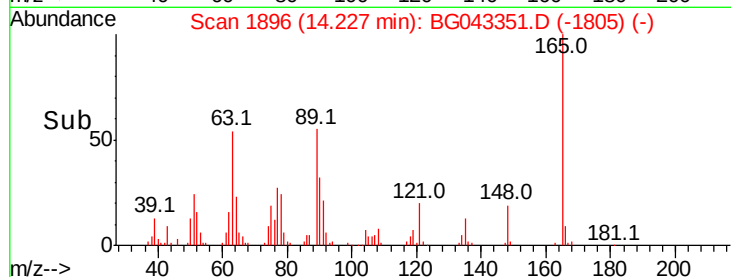
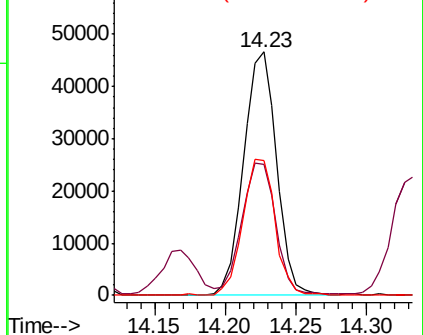
#51
 2,6-Dinitrotoluene
 Concen: 41.190 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 76516
 Ion Ratio Lower Upper
 165 100
 63 53.9 47.1 70.7
 89 55.2 43.7 65.5

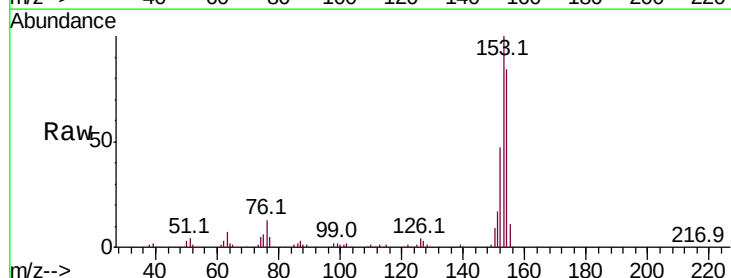


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

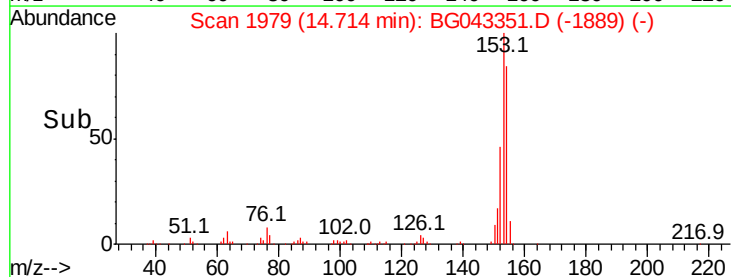
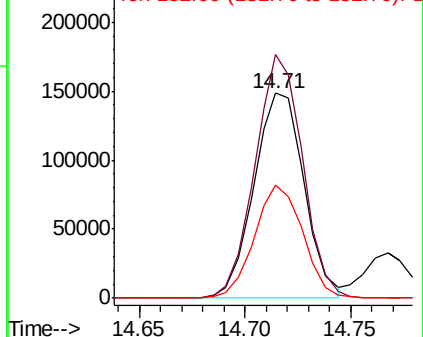


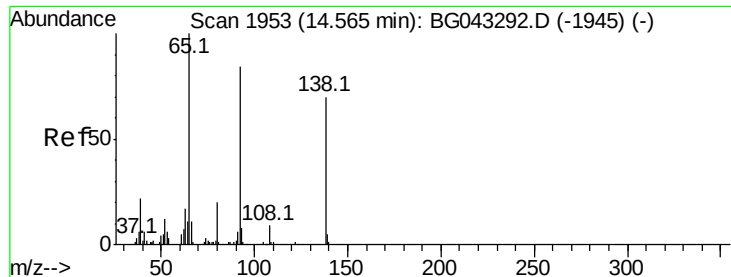
#52
 Acenaphthene
 Concen: 40.247 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

Tgt Ion:154 Resp: 244091
 Ion Ratio Lower Upper
 154 100
 153 118.9 90.9 136.3
 152 55.5 43.9 65.9



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

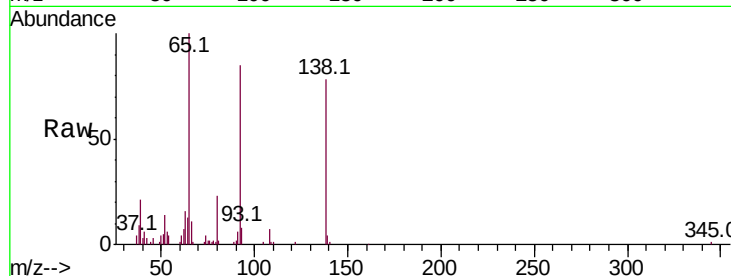




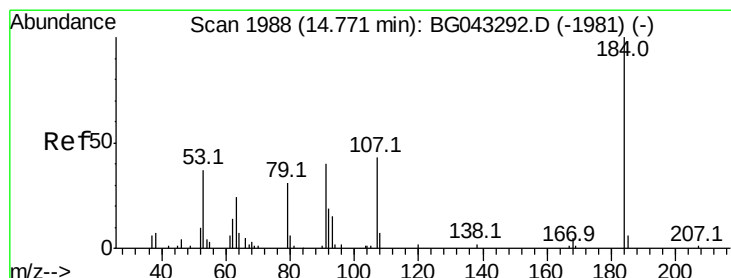
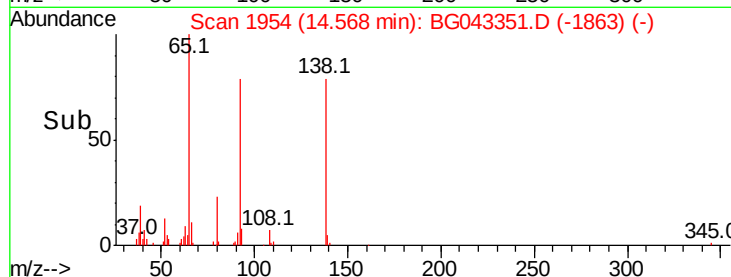
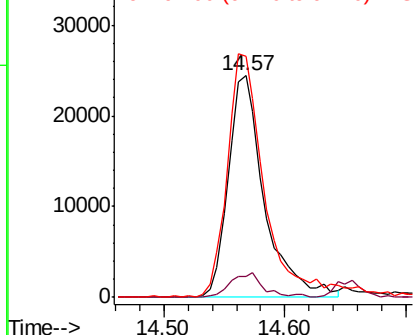
#53
3-Nitroaniline
Concen: 28.287 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 50733
Ion Ratio Lower Upper
138 100
108 9.2 9.8 14.6#
92 108.9 95.8 143.6

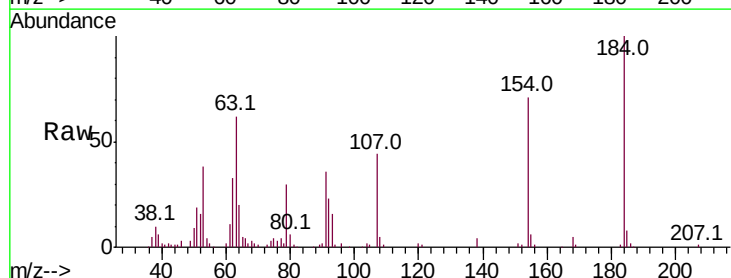


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

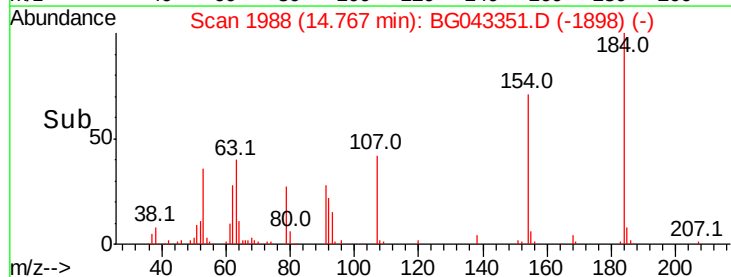
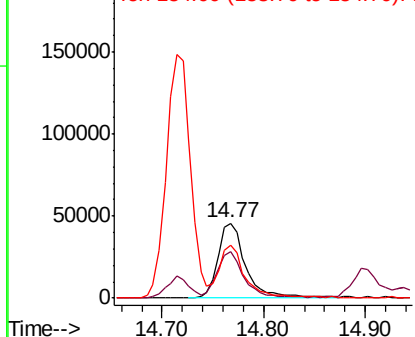


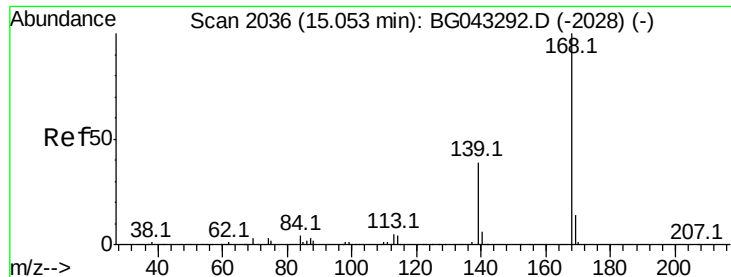
#54
2,4-Dinitrophenol
Concen: 75.365 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt Ion:184 Resp: 86886
Ion Ratio Lower Upper
184 100
63 61.7 48.8 73.2
154 71.0 49.4 74.0



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

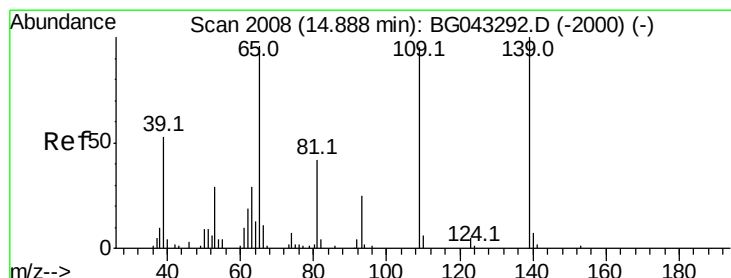
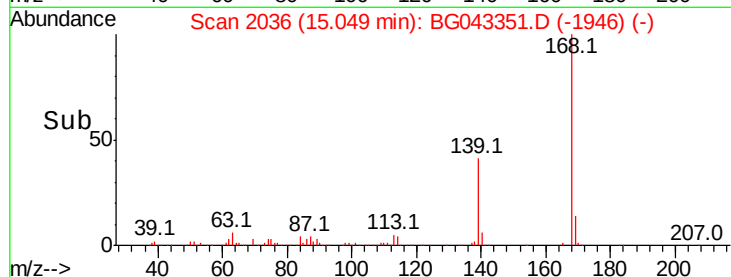
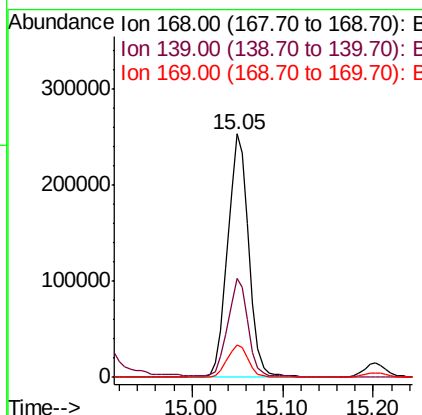
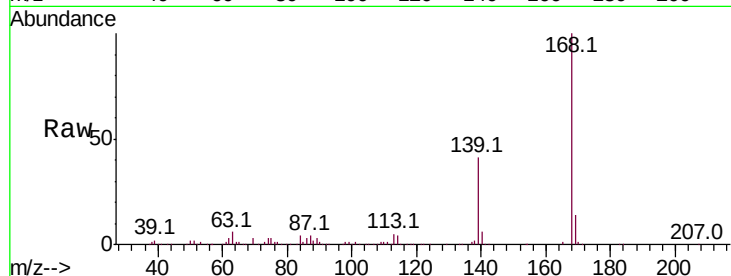




#55
Dibenzenofuran
Concen: 41.565 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

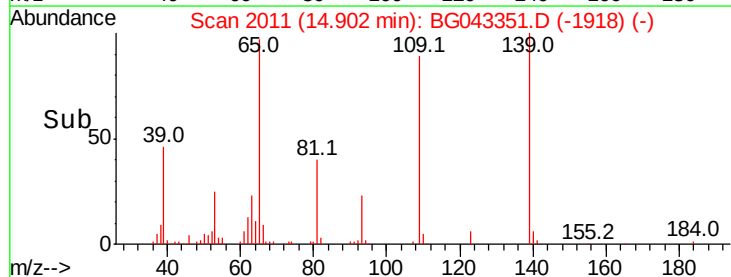
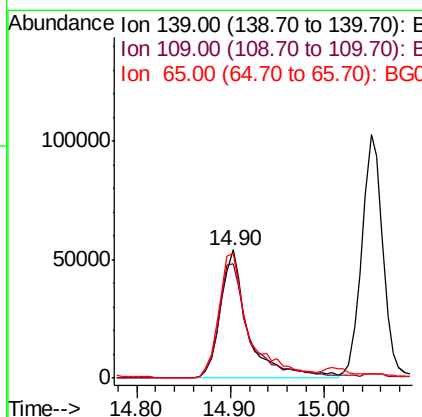
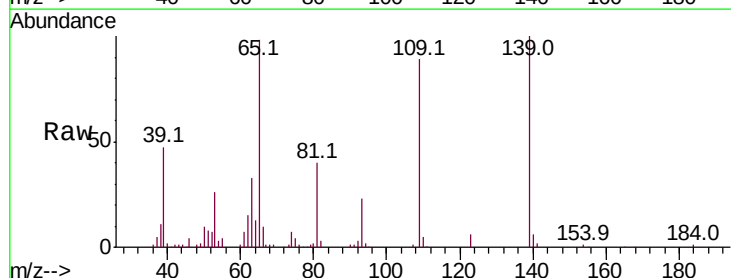
Instrument :
BNA_G
ClientSampleId :

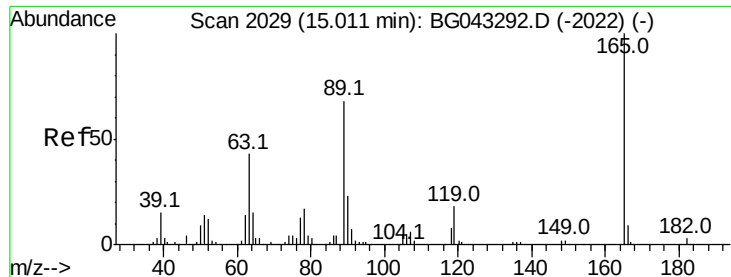
Tot Ion:168 Resp: 408794
Ion Ratio Lower Upper
168 100
139 40.6 31.7 47.5
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 92.903 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt Ion:139 Resp: 111660
Ion Ratio Lower Upper
139 100
109 89.2 75.4 115.4
65 97.7 76.6 116.6

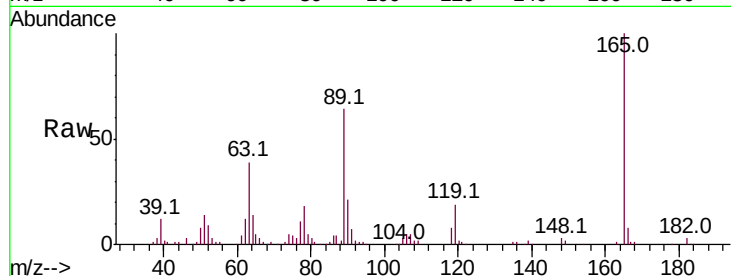




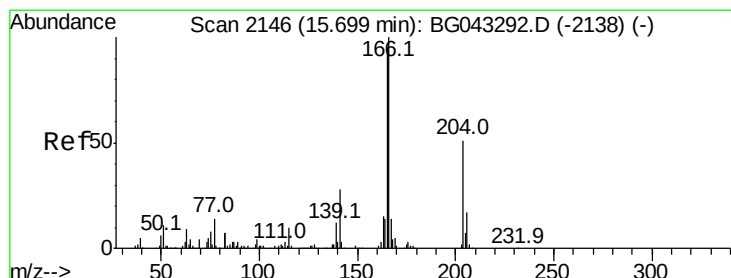
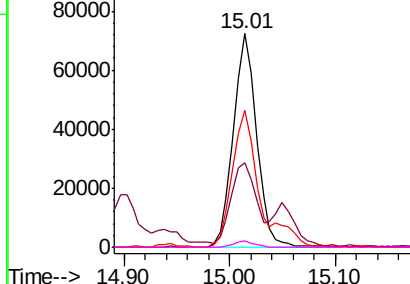
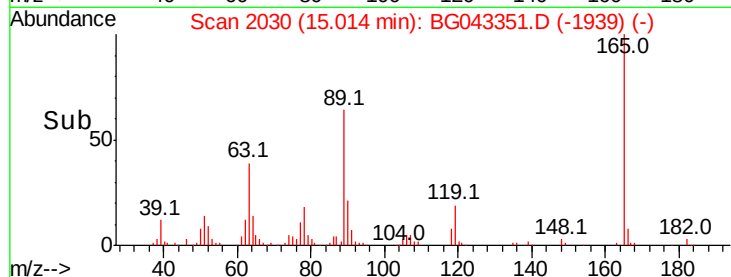
#57
 2,4-Dinitrotoluene
 Concen: 41.538 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.5	35.0	52.6
89	64.3	54.1	81.1
182	3.2	2.2	3.2

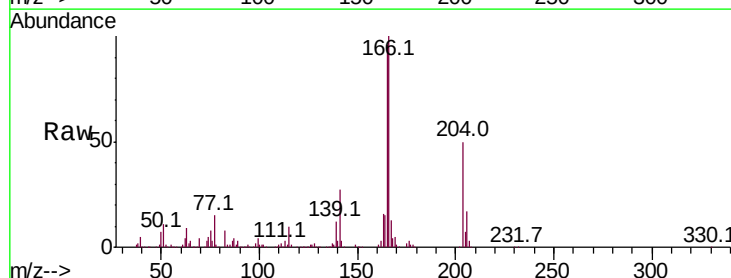


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

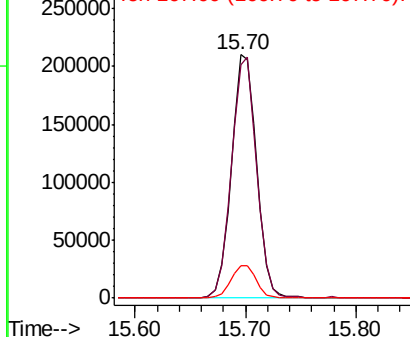
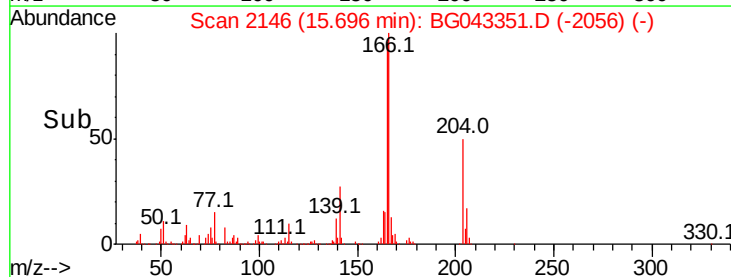


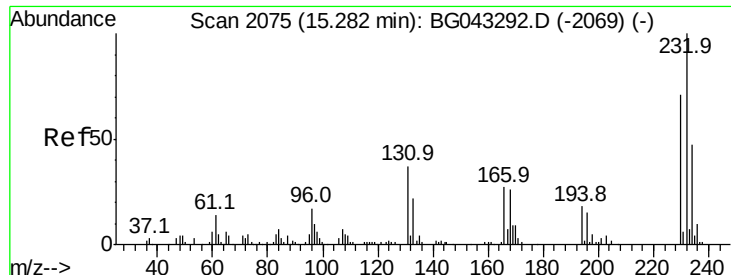
#58
 Fluorene
 Concen: 40.789 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.4	114.6
167	13.2	11.1	16.7



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: 44.100 ng

RT: 15.28 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 113970

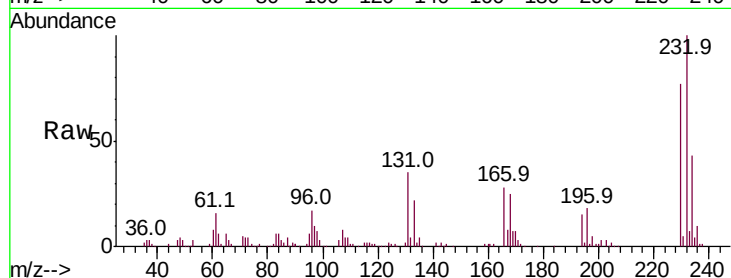
Ion Ratio Lower Upper

232 100

131 35.4 28.7 43.1

130 2.5 0.6 0.8#

166 26.2 21.1 31.7

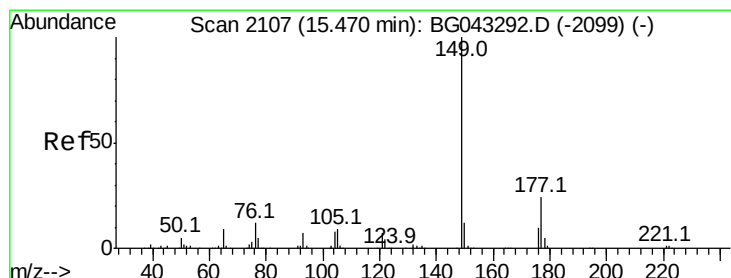
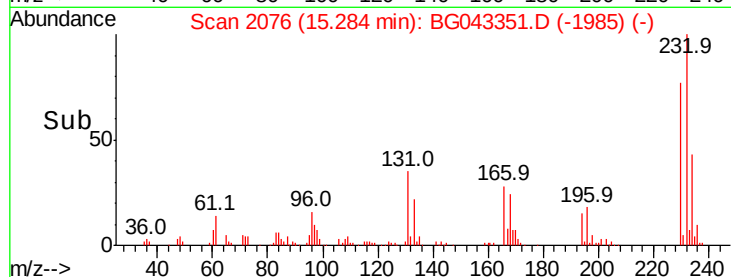
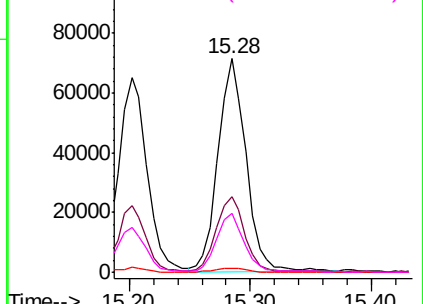


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.998 ng

RT: 15.47 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

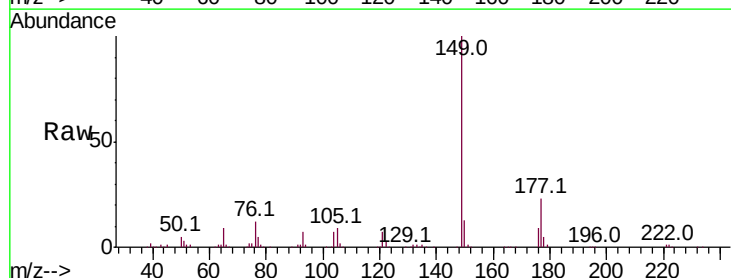
Tgt Ion:149 Resp: 343650

Ion Ratio Lower Upper

149 100

177 23.0 19.0 28.4

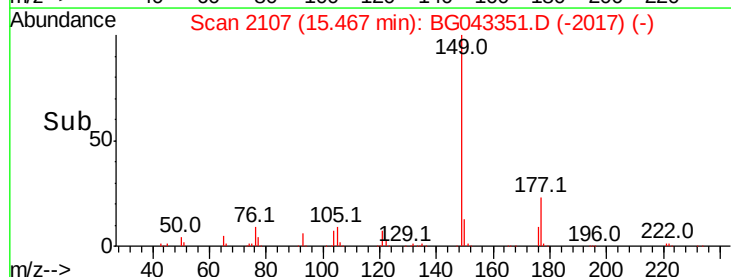
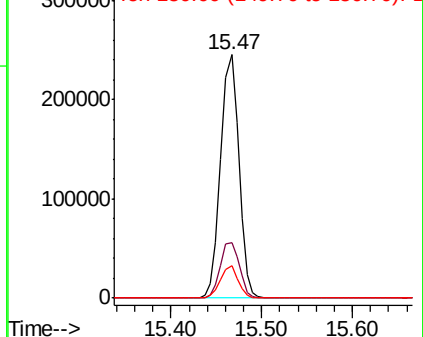
150 13.1 9.4 14.0

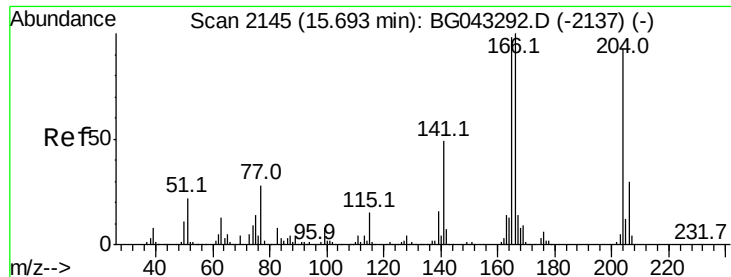


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 40.376 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

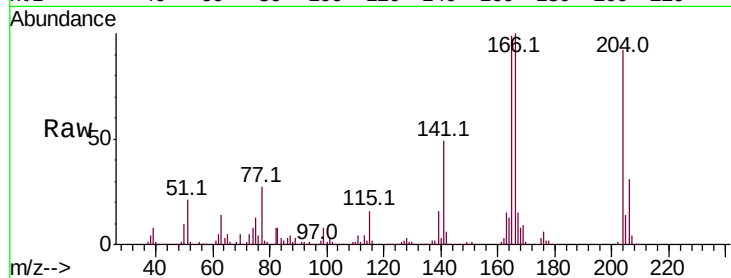
Tot Ion:204 Resp: 194297

Ion Ratio Lower Upper

204 100

206 33.2 25.7 38.5

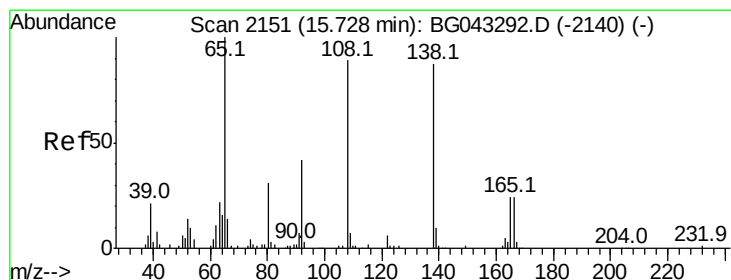
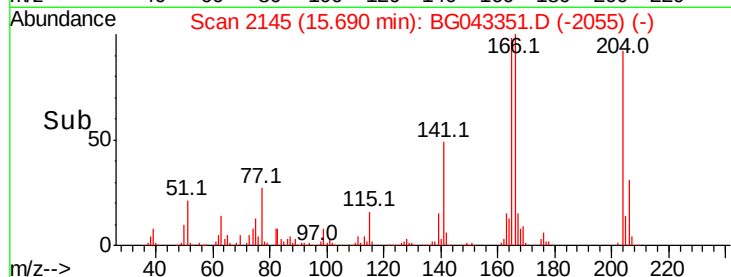
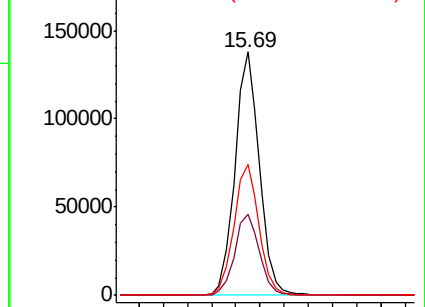
141 53.6 42.3 63.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 39.233 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

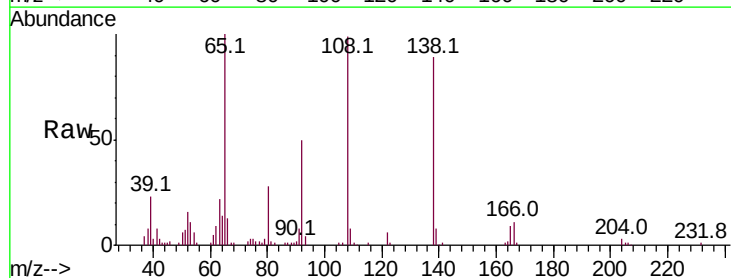
Tgt Ion:138 Resp: 72670

Ion Ratio Lower Upper

138 100

92 56.1 28.8 68.8

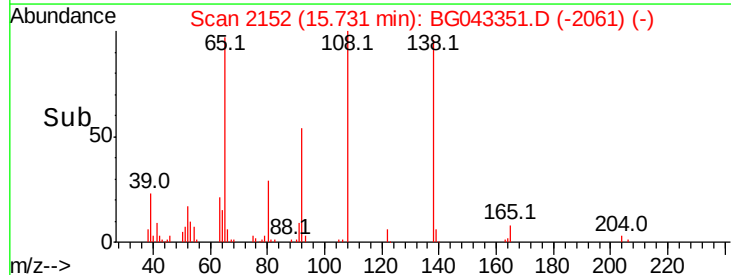
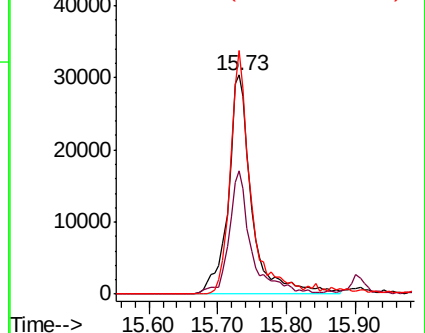
108 111.2 82.7 122.7

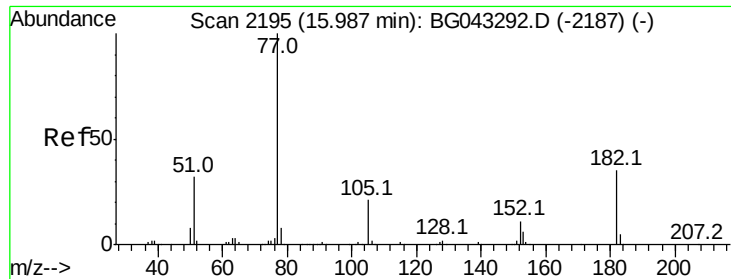


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.564 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 282059

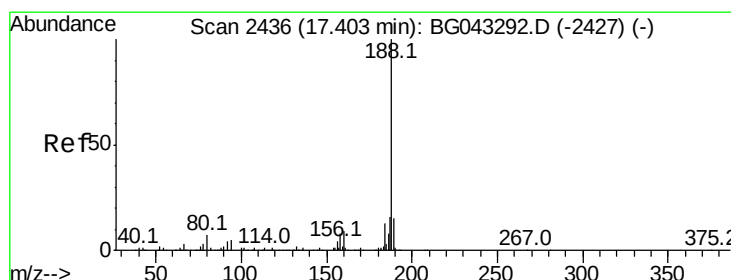
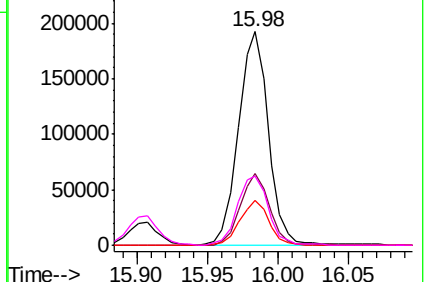
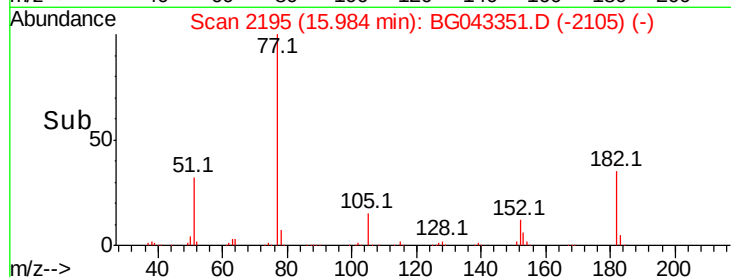
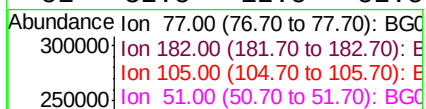
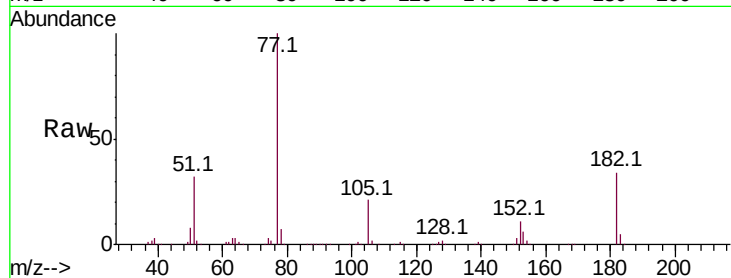
Ion Ratio Lower Upper

77 100

182 33.8 14.9 54.9

105 21.0 0.6 40.6

51 32.5 12.5 52.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

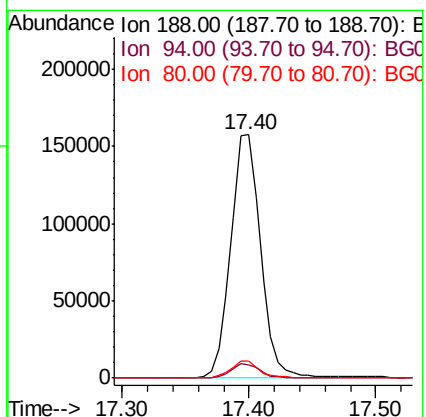
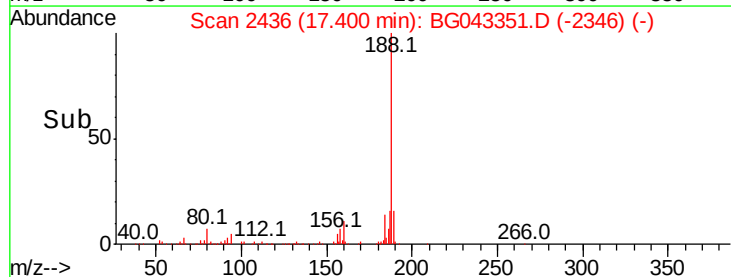
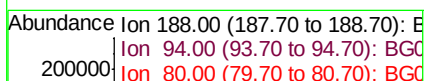
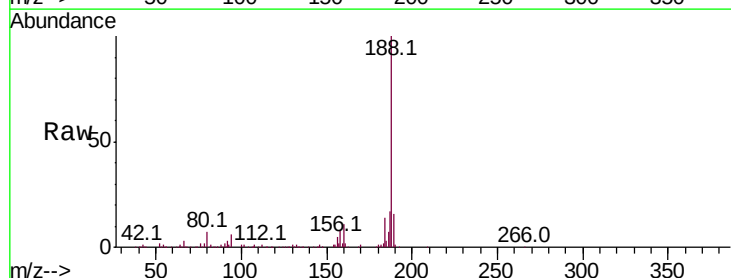
Tgt Ion: 188 Resp: 257756

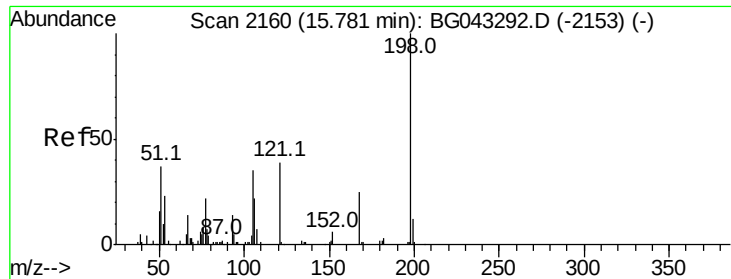
Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

80 6.9 5.2 7.8





#65

4,6-Dinitro-2-methylphenol

Concen: 45.275 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampled :

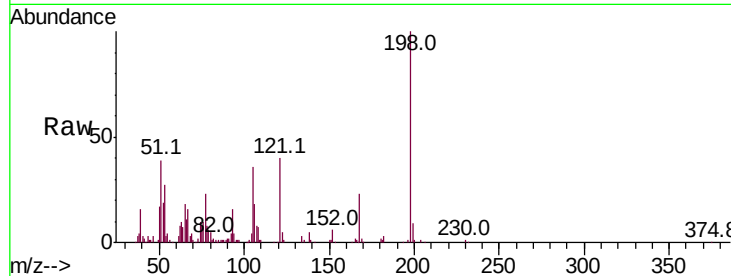
Tot Ion:198 Resp: 68677

Ion	Ratio	Lower	Upper
198	100		
51	38.6	21.4	61.4
105	36.1	16.5	56.5

198 100

51 38.6 21.4 61.4

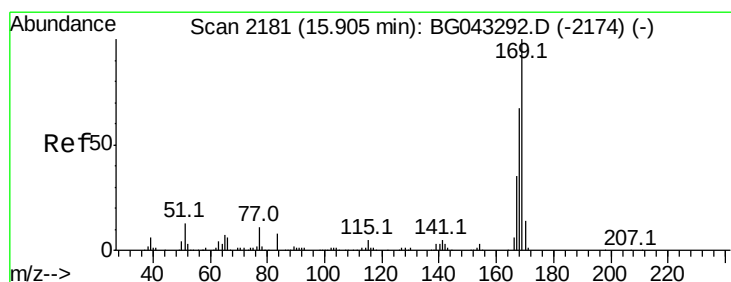
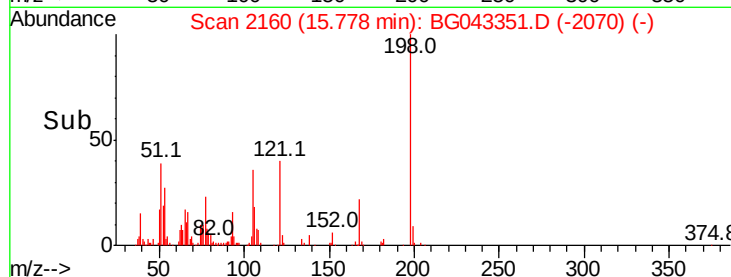
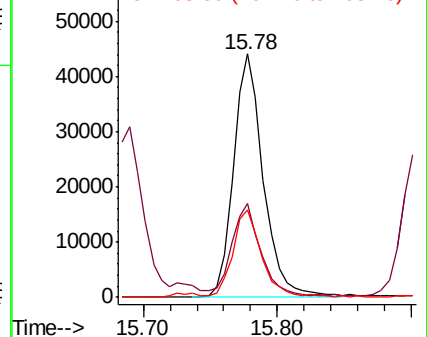
105 36.1 16.5 56.5



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: 41.538 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

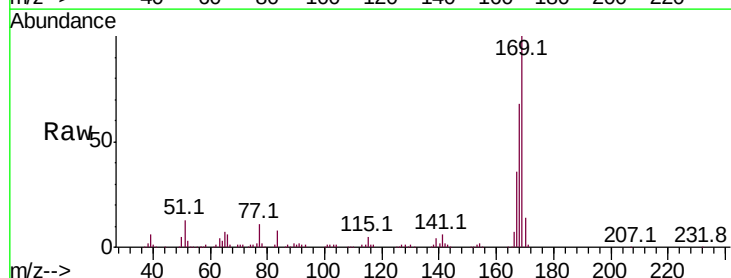
Tgt Ion:169 Resp: 302277

Ion	Ratio	Lower	Upper
169	100		
168	68.4	53.9	80.9
167	36.2	28.3	42.5

169 100

168 68.4 53.9 80.9

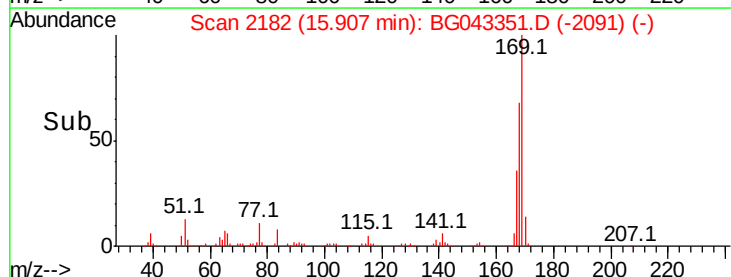
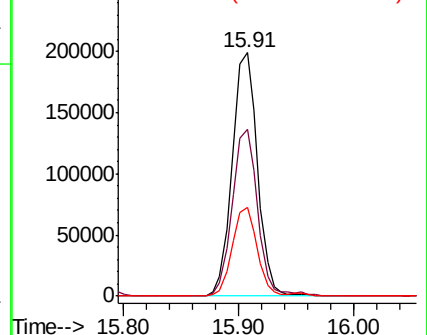
167 36.2 28.3 42.5

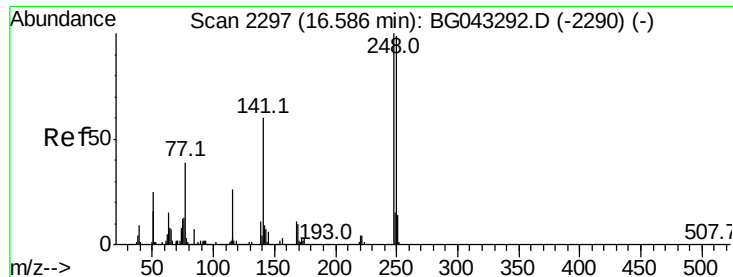


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

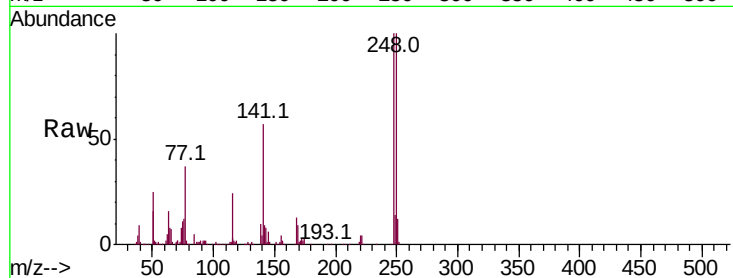




#67
4-Bromophenyl-phenylether
Concen: 39.678 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	79.3	118.9
141	57.5	47.9	71.9

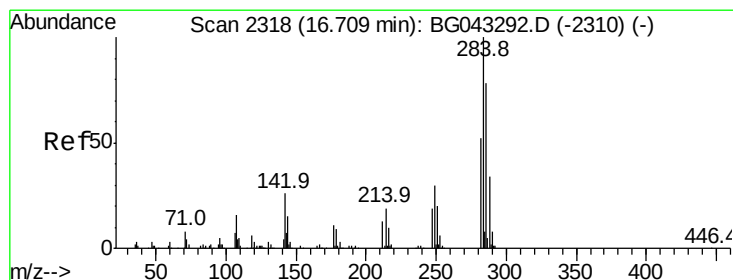
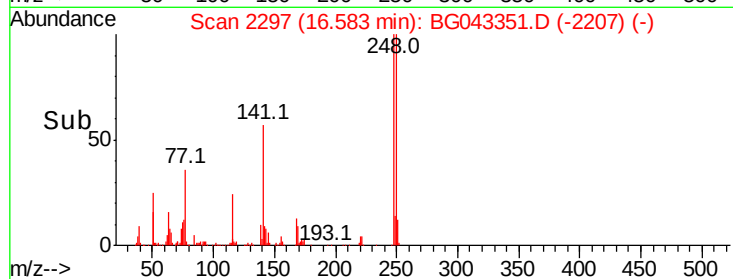
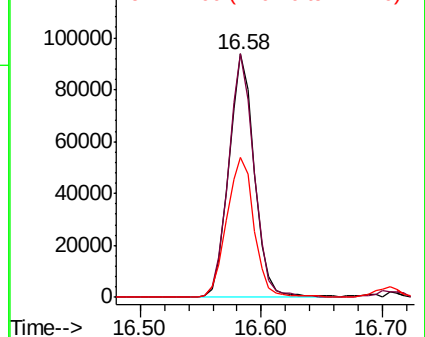


Abundance

Ion 248.00 (247.70 to 248.70): E

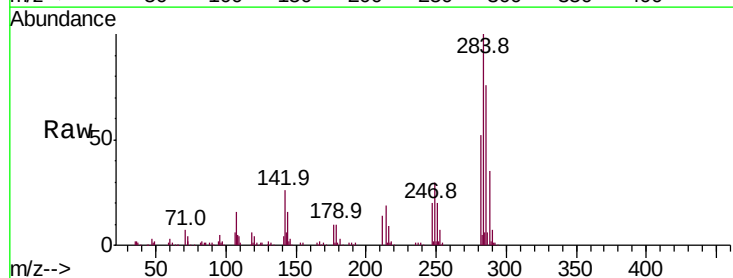
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.316 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.0	21.1	31.7
249	29.9	24.4	36.6

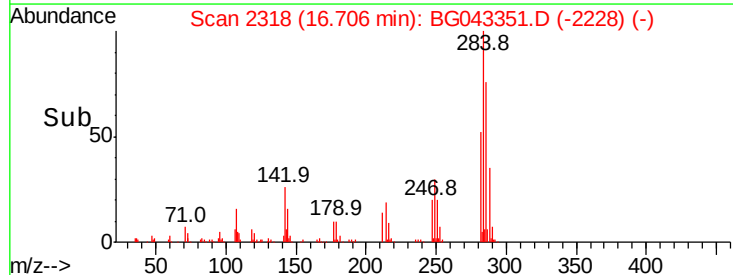
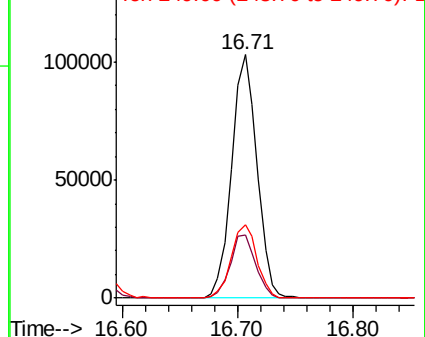


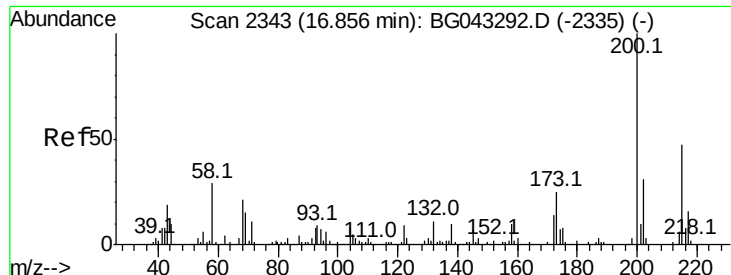
Abundance

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

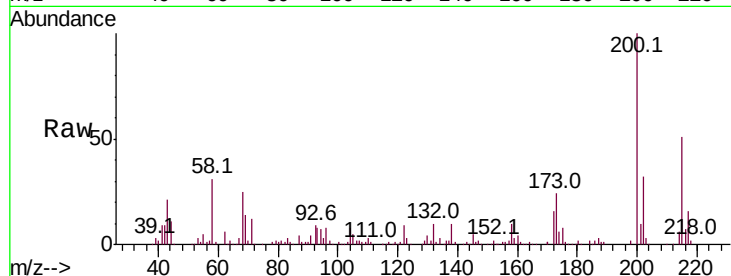




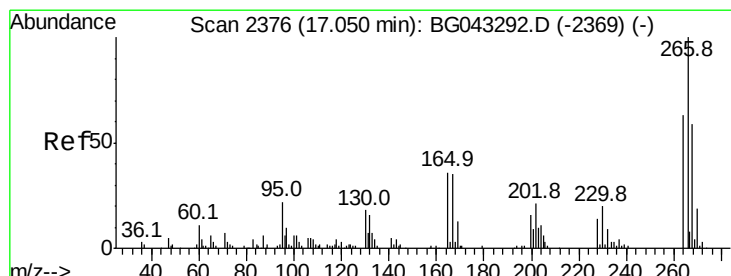
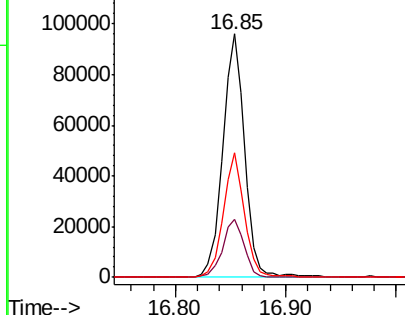
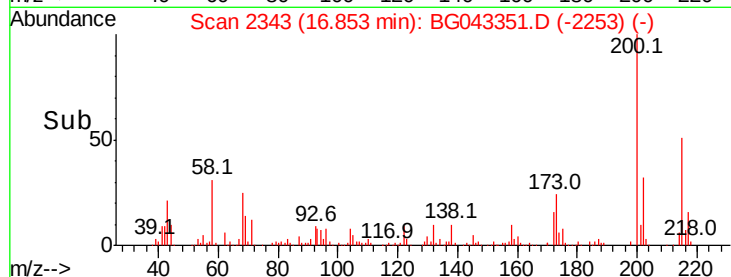
#69
 Atrazine
 Concen: 52.573 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	5.1	45.1
215	50.9	26.6	66.6

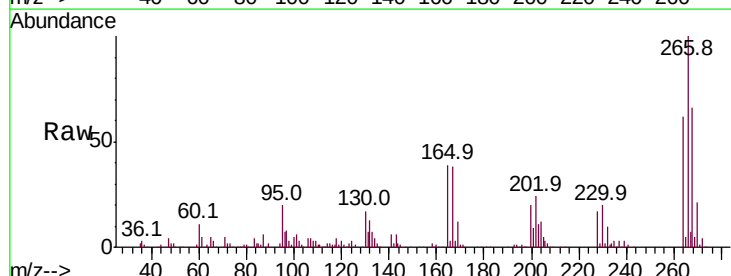


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

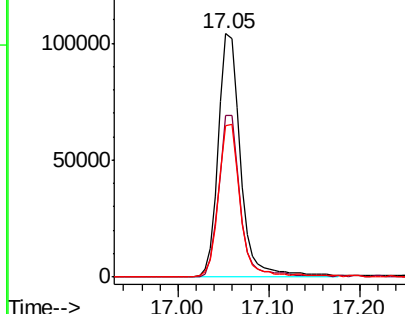
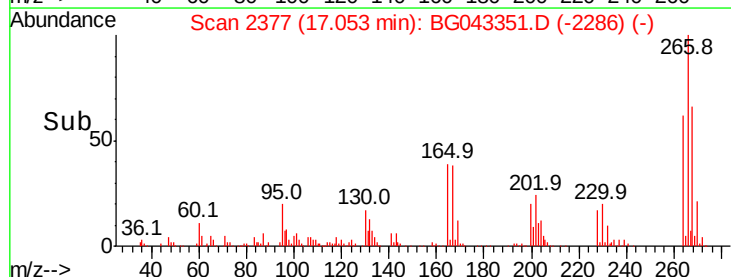


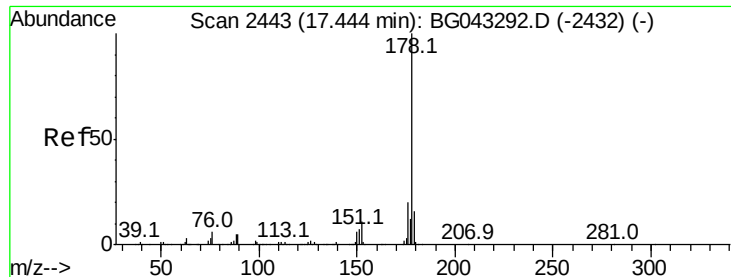
#70
 Pentachlorophenol
 Concen: 98.060 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	47.1	70.7
264	62.2	50.4	75.6



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: 41.433 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

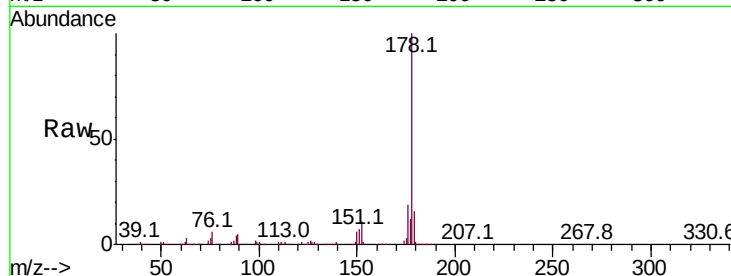
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 546871

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.8	13.1	19.7

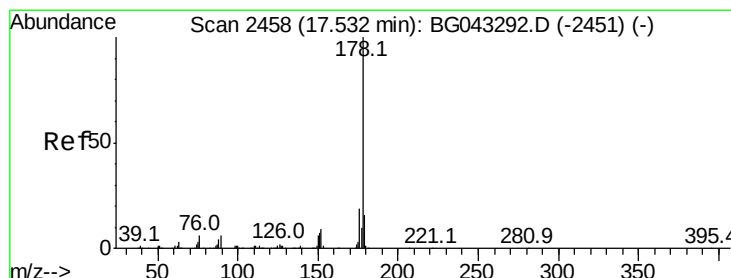
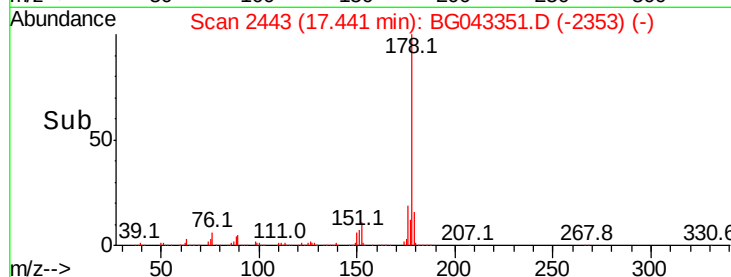
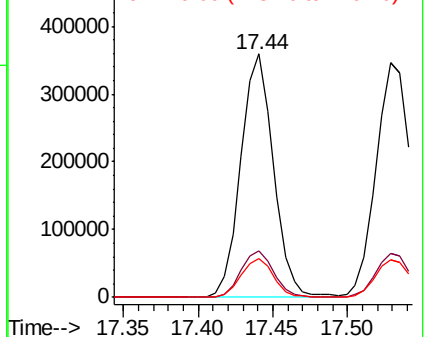


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.235 ng

RT: 17.53 min Scan# 2458

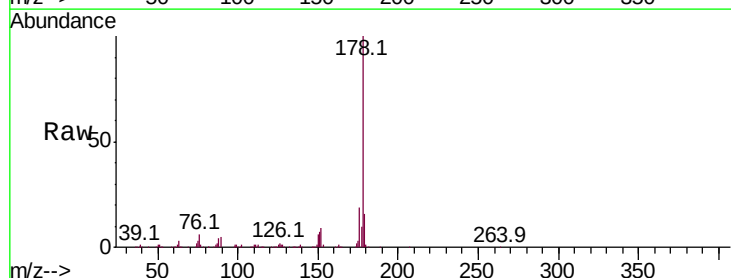
Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Tgt Ion:178 Resp: 557746

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.9	13.0	19.6

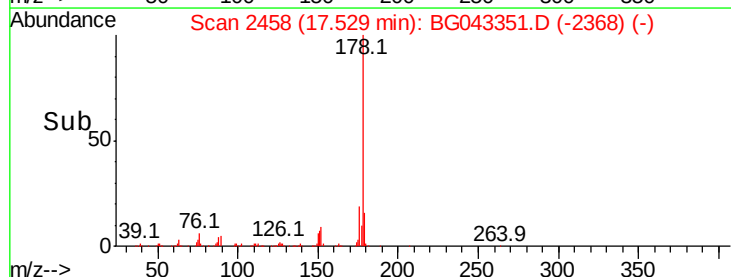
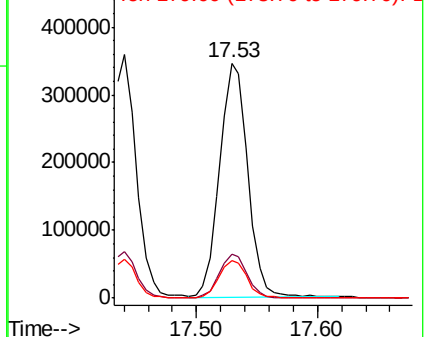


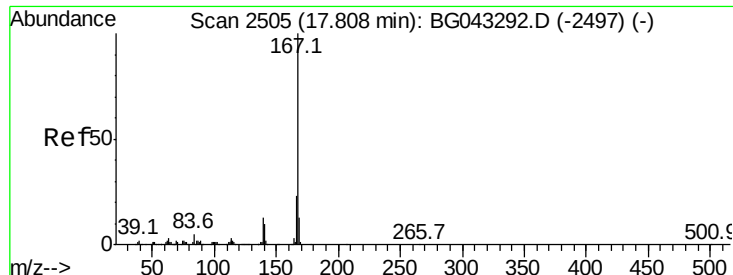
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.314 ng

RT: 17.80 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

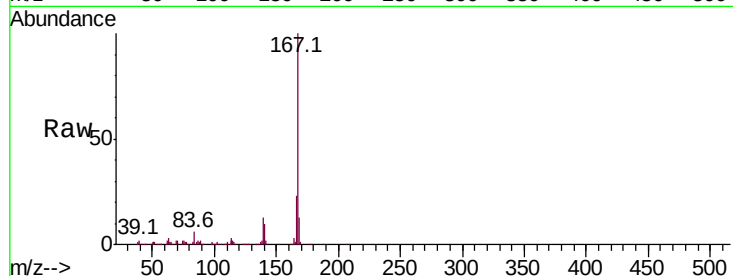
Tot Ion:167 Resp: 506025

Ion Ratio Lower Upper

167 100

166 22.8 18.4 27.6

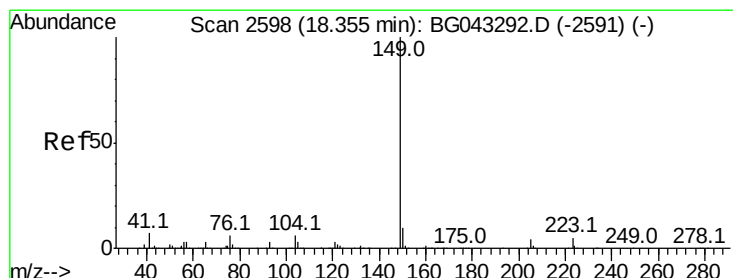
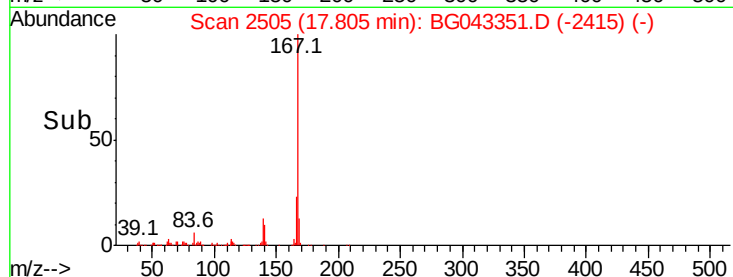
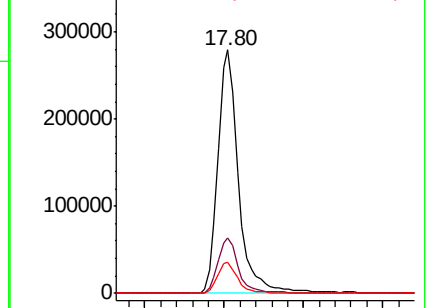
139 12.9 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.572 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

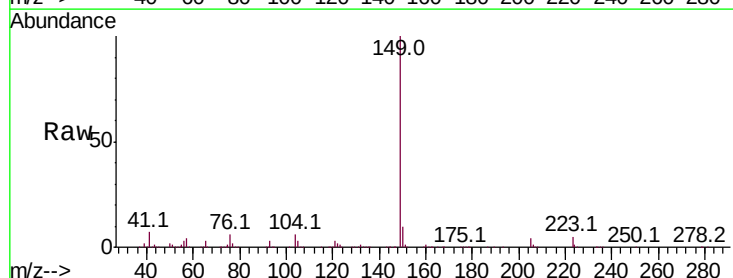
Tgt Ion:149 Resp: 603223

Ion Ratio Lower Upper

149 100

150 9.7 8.0 12.0

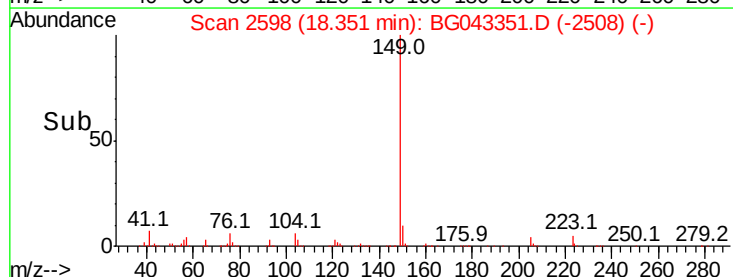
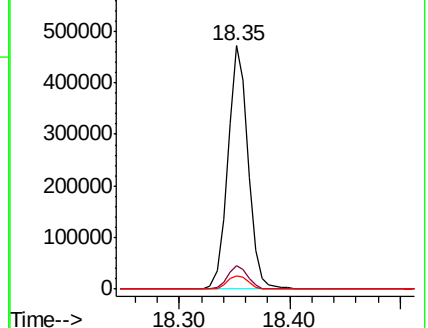
104 5.6 4.7 7.1

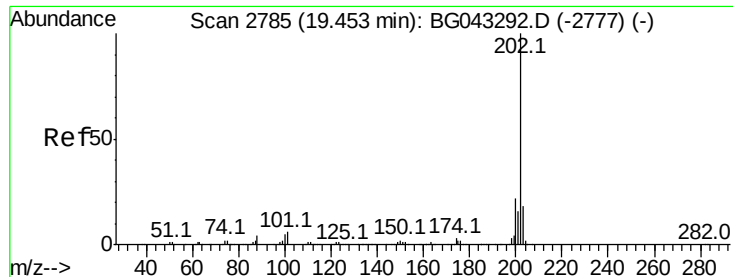


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.064 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043351.D

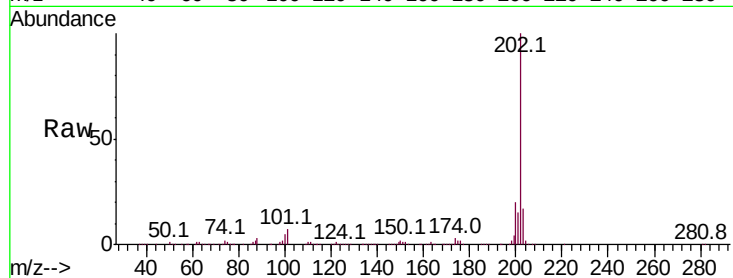
Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	741022
Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	26.0
203	17.3	0.0	38.2

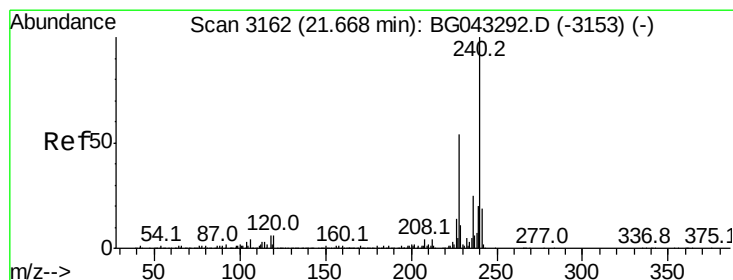
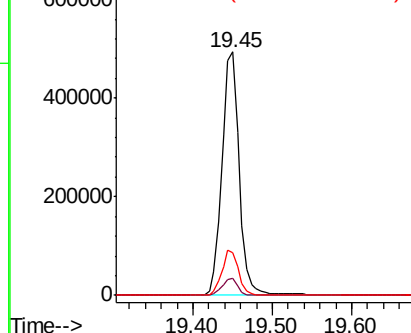
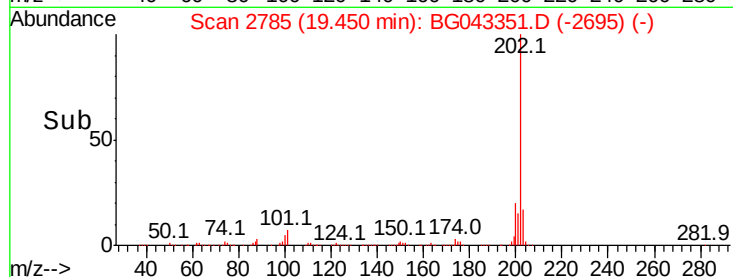


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.45



#76

Chrysene-d12

Concen: 20.000 ng

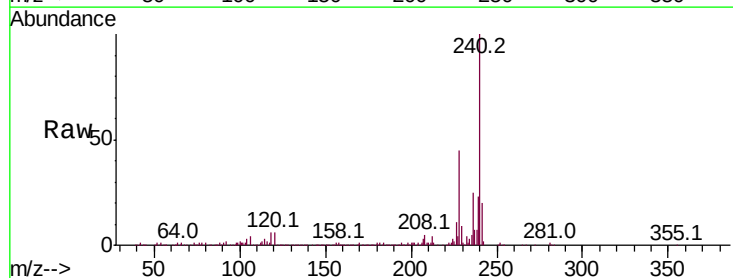
RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Tgt Ion:	240	Resp:	293720
Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.6	7.0
236	24.9	20.2	30.4

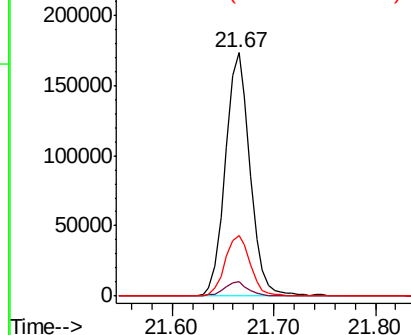
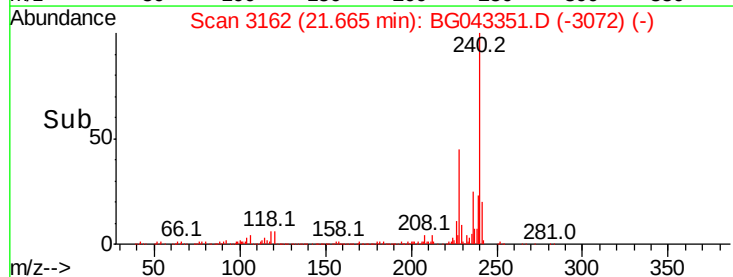


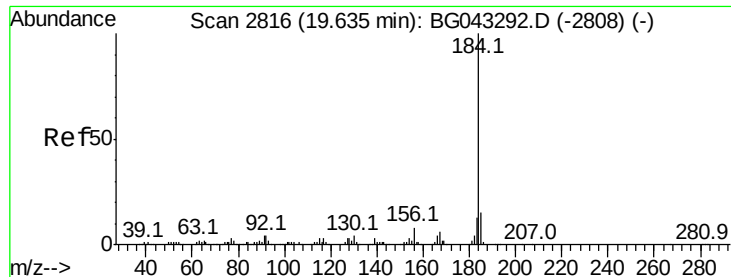
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.67





#77

Benzidine

Concen: 38.419 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

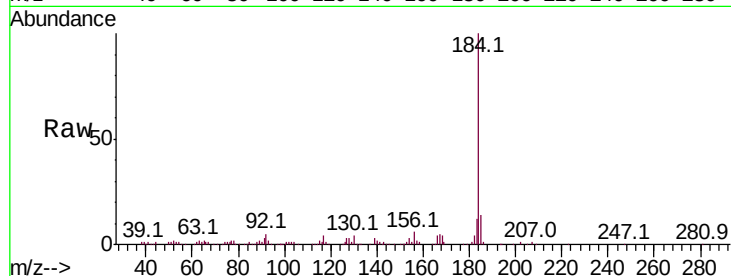
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 227100

Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.8	17.6
183	12.0	10.6	16.0

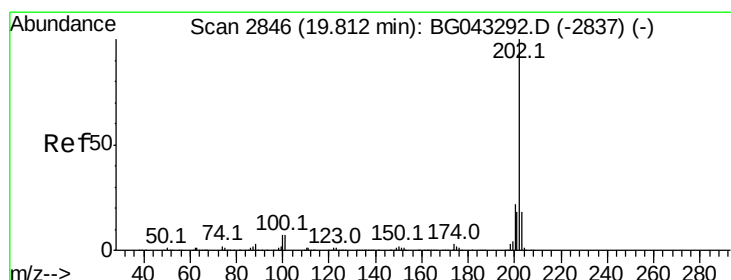
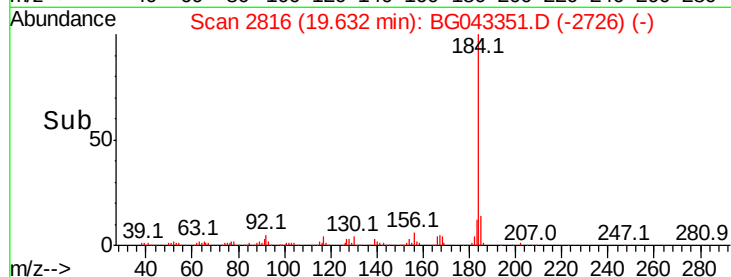
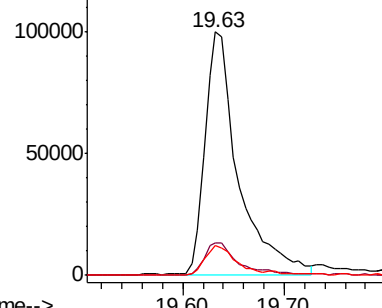


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.971 ng

RT: 19.81 min Scan# 2846

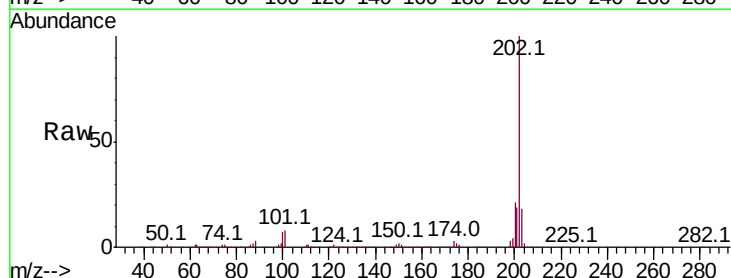
Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Tgt Ion:202 Resp: 744892

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.3	25.9
203	18.5	14.5	21.7

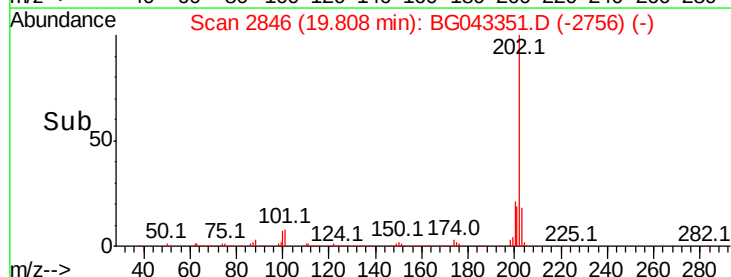
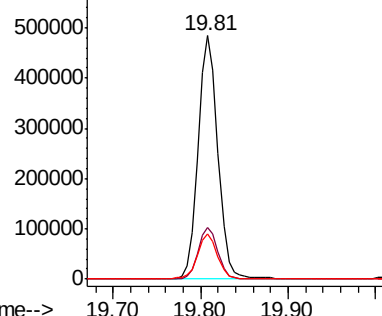


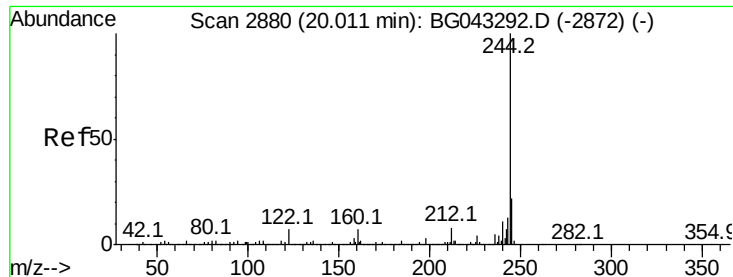
Abundance

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: 63.792 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampled :

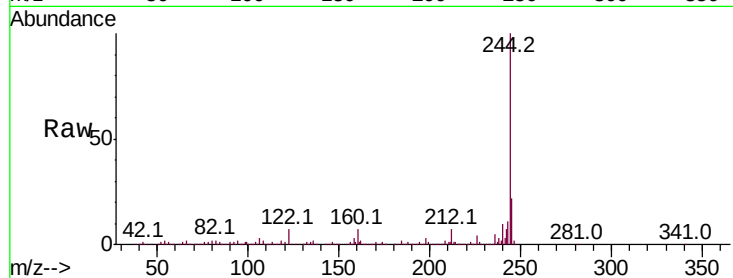
Tot Ion:244 Resp: 998744

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

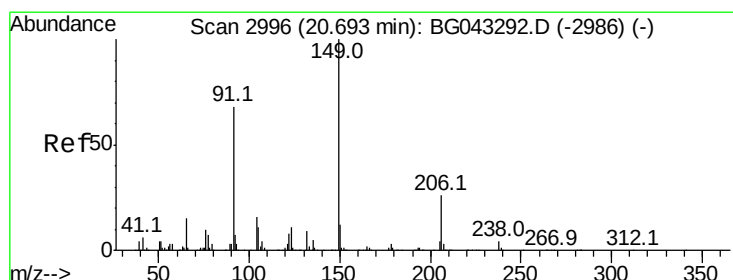
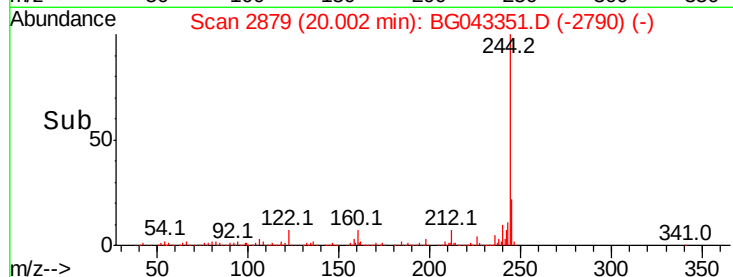
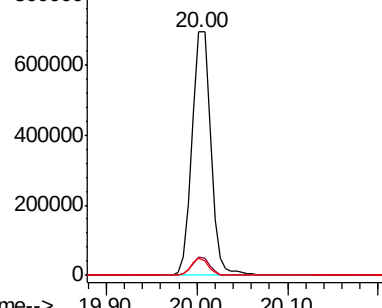
122 6.8 5.3 7.9



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: 40.050 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

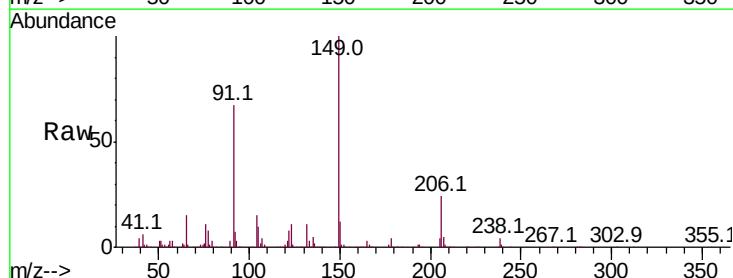
Tgt Ion:149 Resp: 275868

Ion Ratio Lower Upper

149 100

91 67.0 54.6 82.0

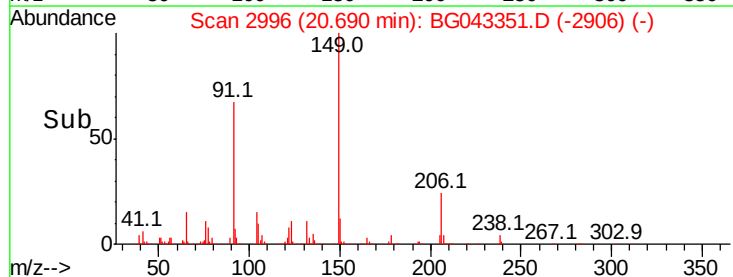
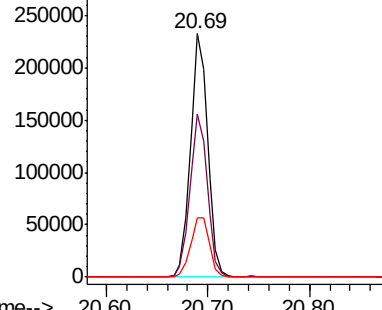
206 24.5 20.5 30.7

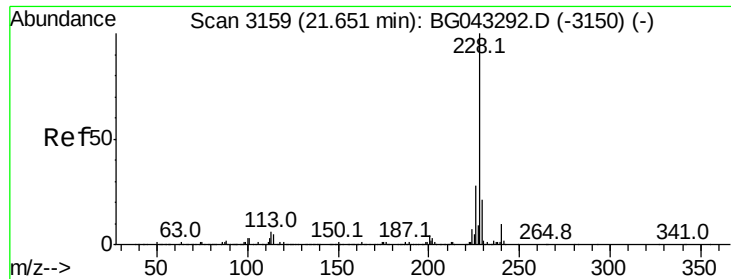


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

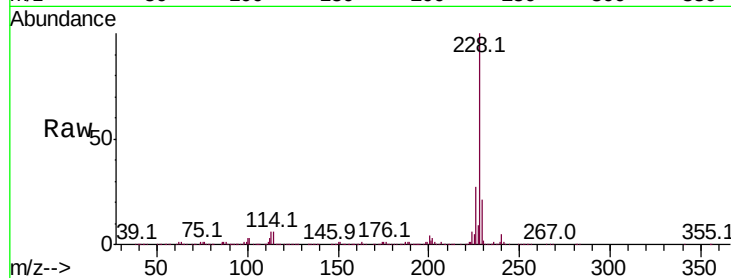




#81
Benzo(a)anthracene
Concen: 41.675 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.4
229	20.8	16.9	25.3

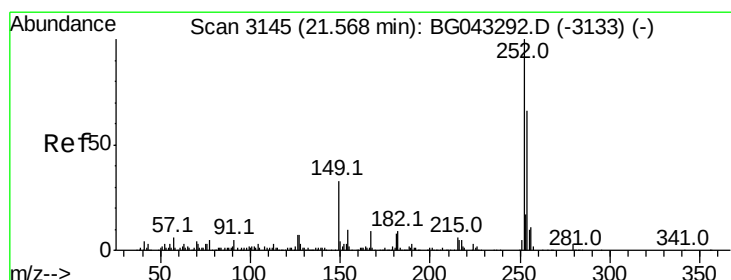
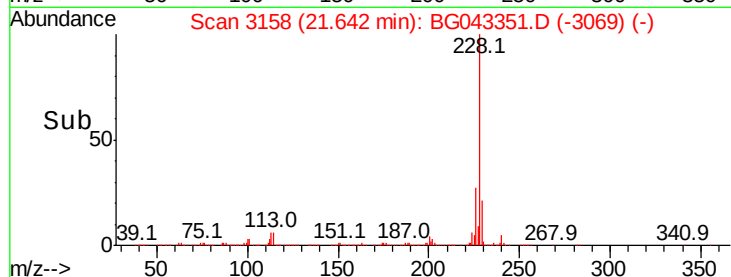
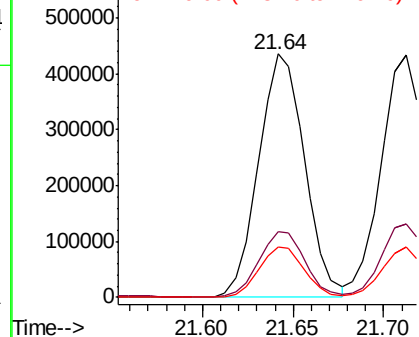


Abundance

Ion 228.00 (227.70 to 228.70): E

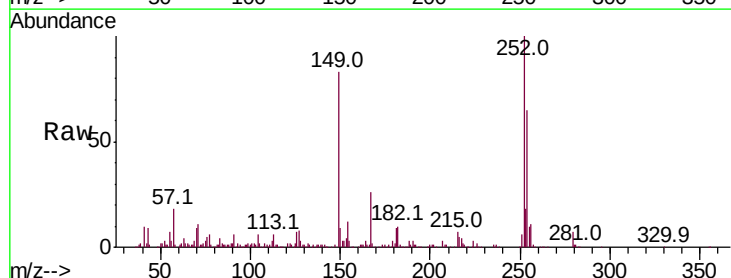
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 35.563 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.7	79.1
126	7.2	5.6	8.4

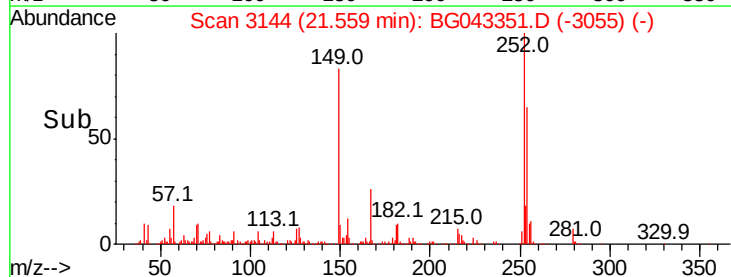
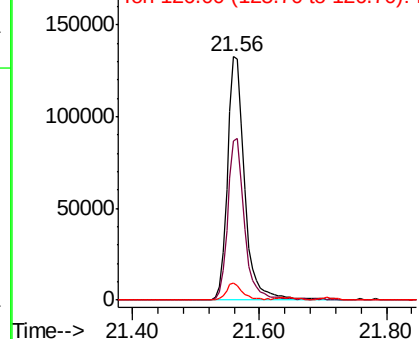


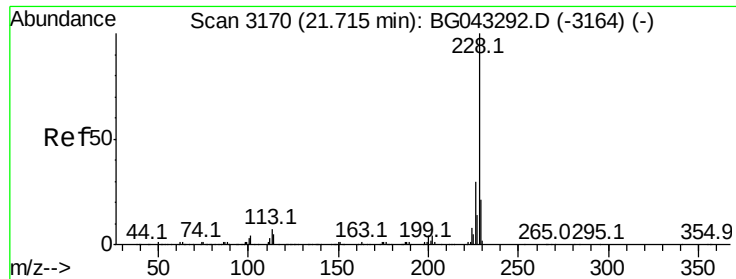
Abundance

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

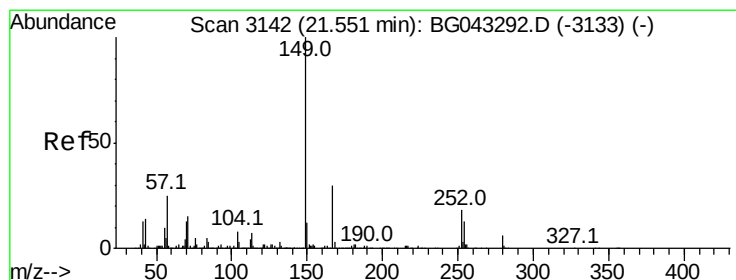
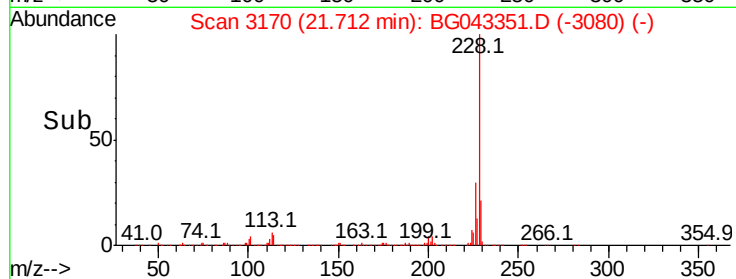
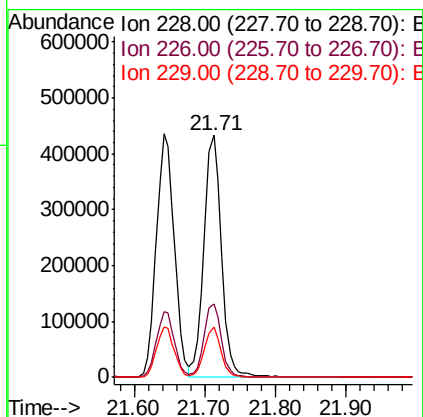
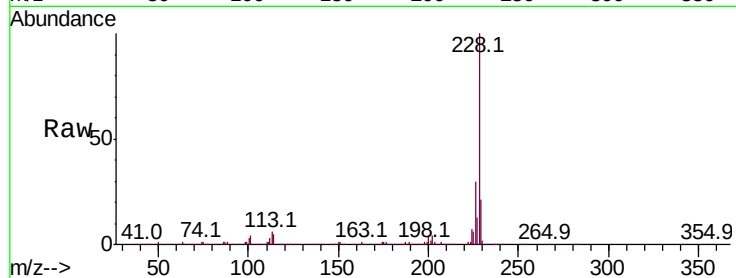




#83
 Chrysene
 Concen: 41.211 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

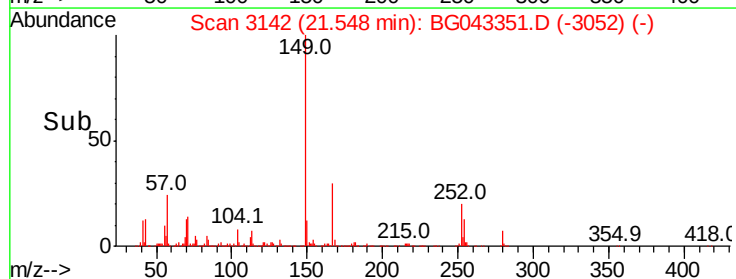
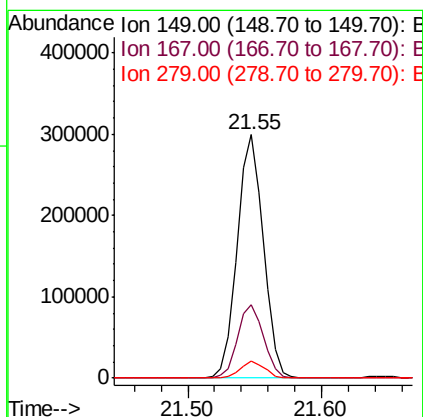
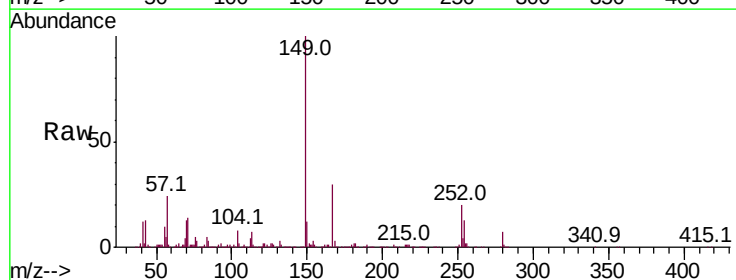
Instrument :
 BNA_G
 ClientSampleId :

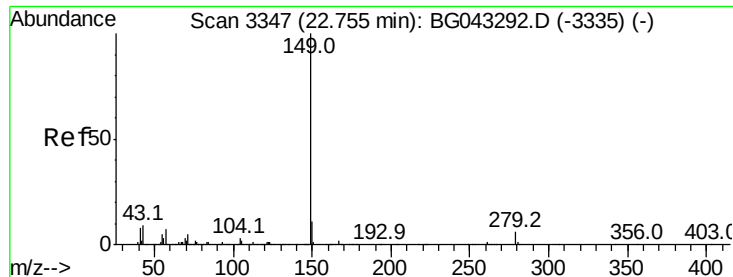
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	20.7	16.3	24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.575 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG043351.D
 Acq: 28 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.9	35.9
279	6.9	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 41.946 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043351.D

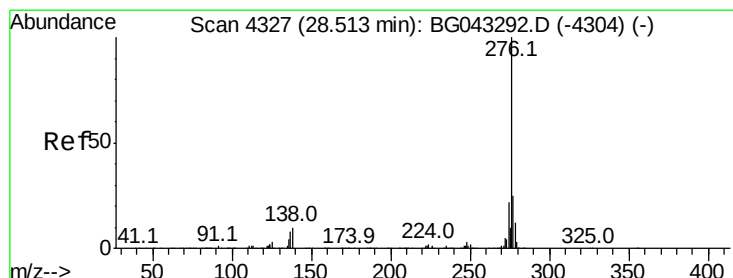
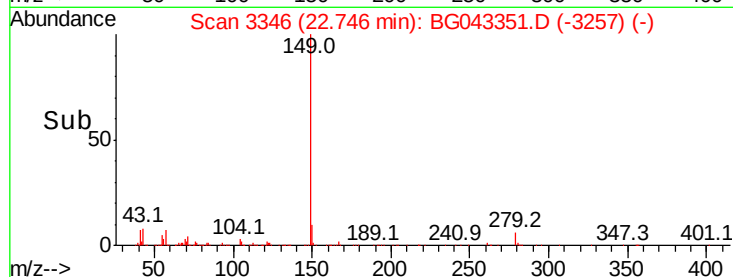
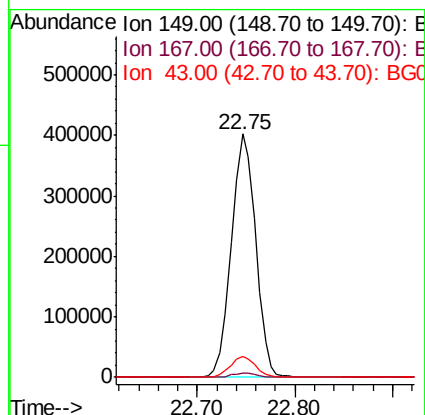
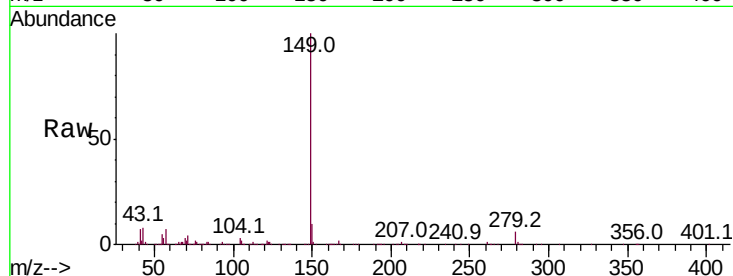
Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:149	Resp:	696306
Ion Ratio	Lower	Upper
149	100	
167	1.8	1.4 2.0
43	8.7	6.9 10.3



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.580 ng

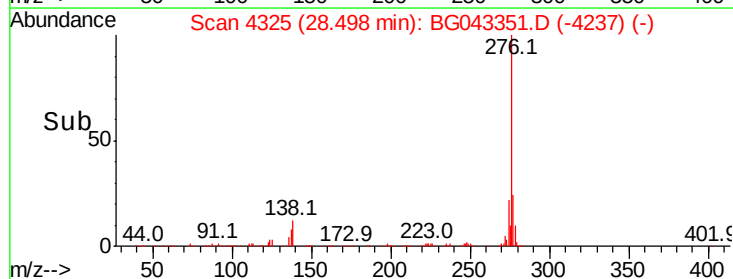
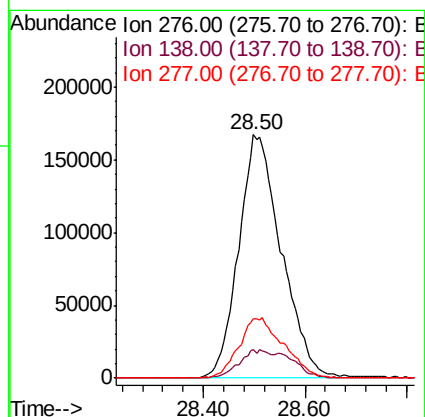
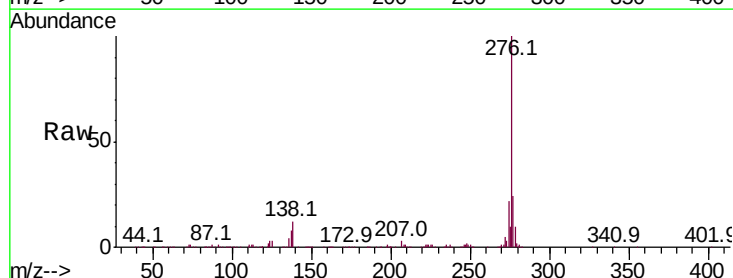
RT: 28.50 min Scan# 4325

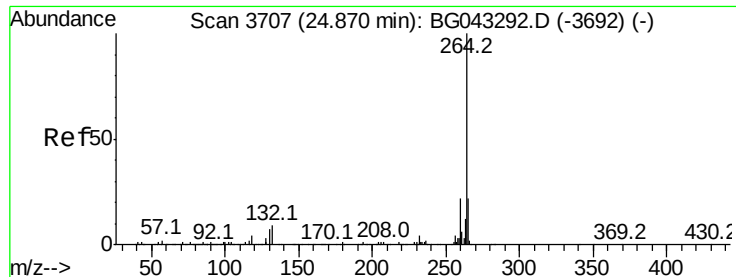
Delta R.T. -0.01 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Tgt Ion:276	Resp:	977057
Ion Ratio	Lower	Upper
276	100	
138	5.1	7.2 10.8#
277	26.0	20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

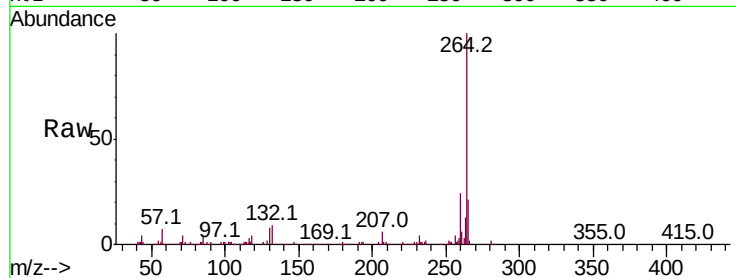
Tot Ion:264 Resp: 317830

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	21.4	17.4	26.2

264 100

260 24.2 17.9 26.9

265 21.4 17.4 26.2

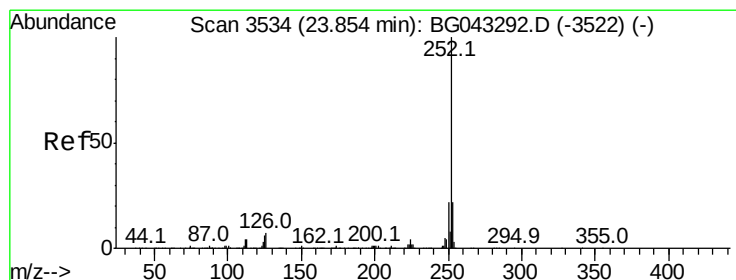
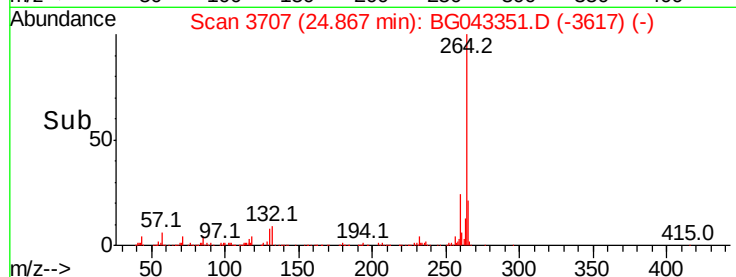
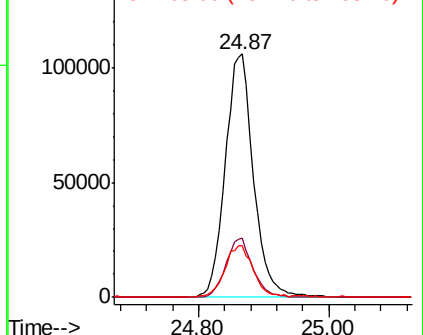


Abundance

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: 45.167 ng

RT: 23.84 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043351.D

Acq: 28 Oct 2019 15:44

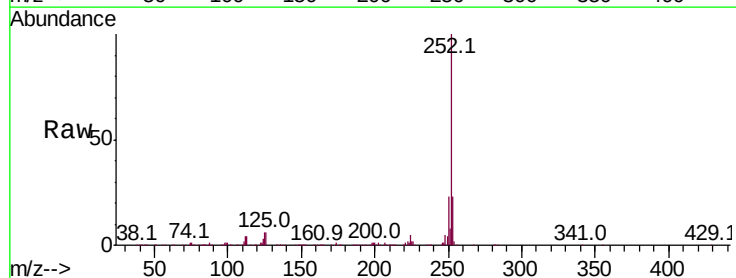
Tgt Ion:252 Resp: 813051

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	5.7	5.0	7.6

252 100

253 22.9 17.4 26.2

125 5.7 5.0 7.6

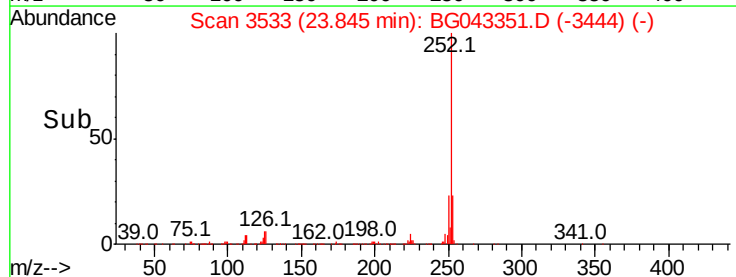
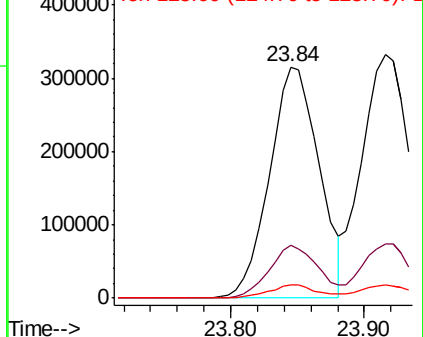


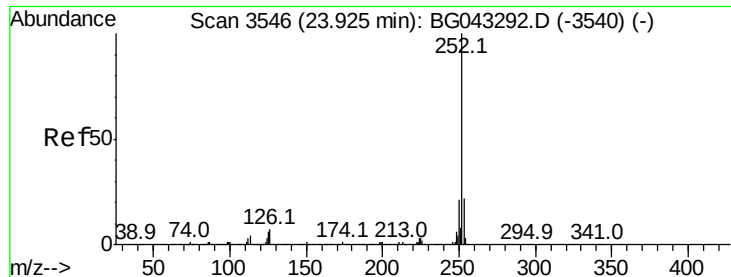
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

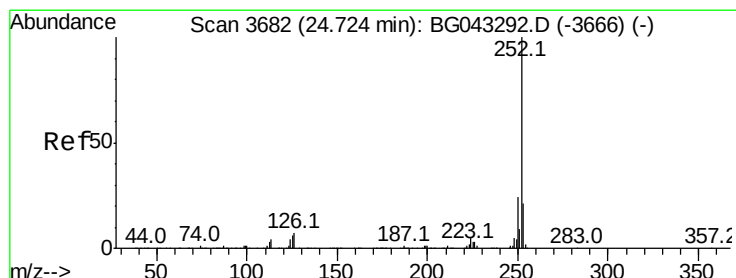
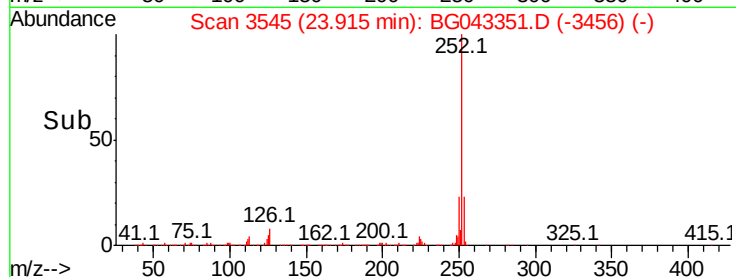
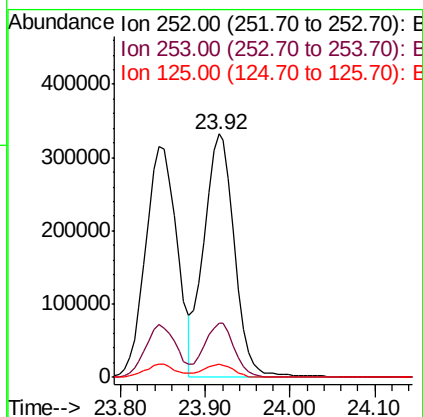
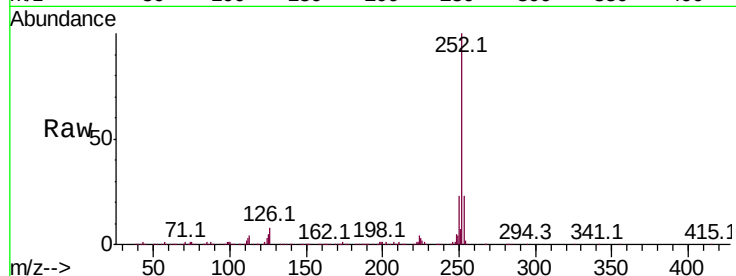




#89
Benzo(k)fluoranthene
Concen: 45.962 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

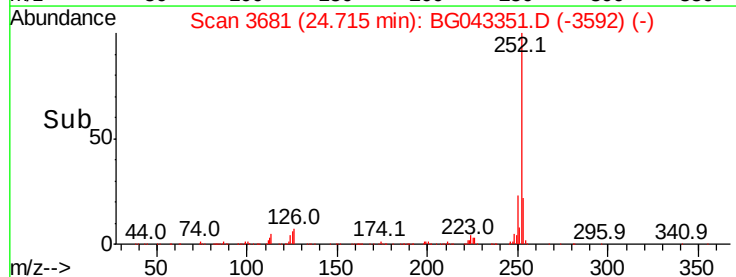
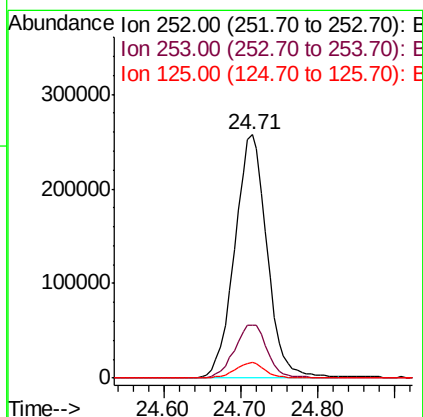
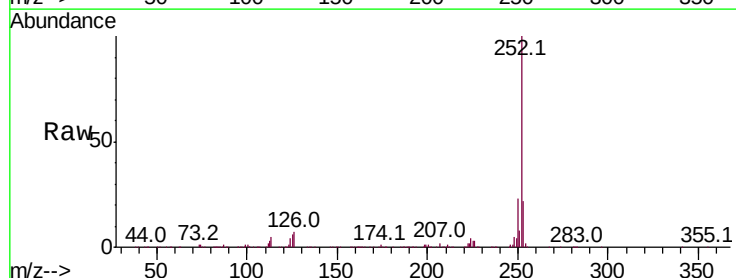
Instrument :
BNA_G
ClientSampleId :

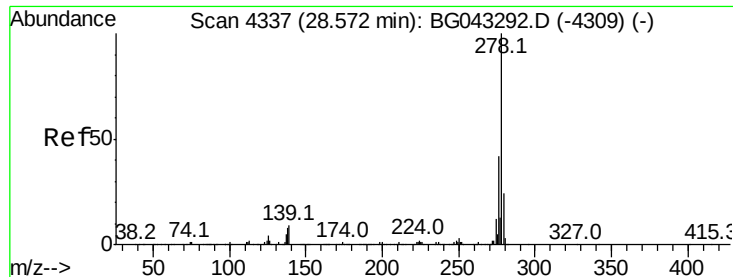
Tot Ion:252 Resp: 832904
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 5.3 4.5 6.7



#90
Benzo(a)pyrene
Concen: 43.774 ng
RT: 24.71 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt Ion:252 Resp: 752453
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 6.3 5.0 7.6

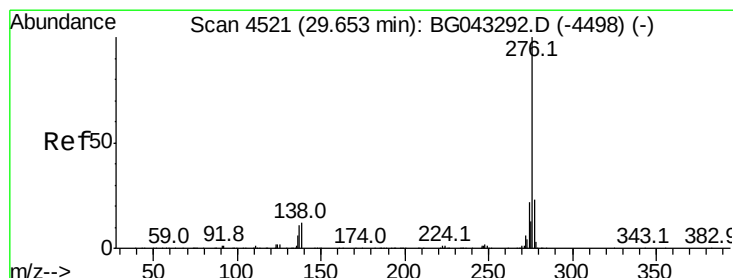
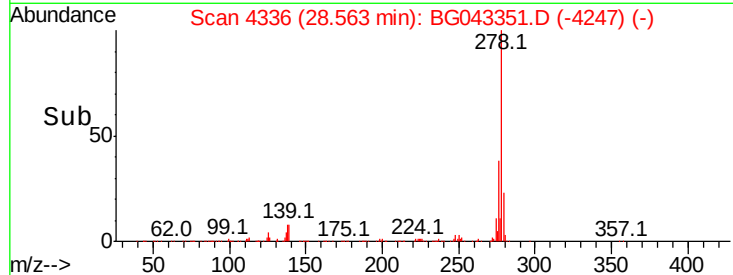
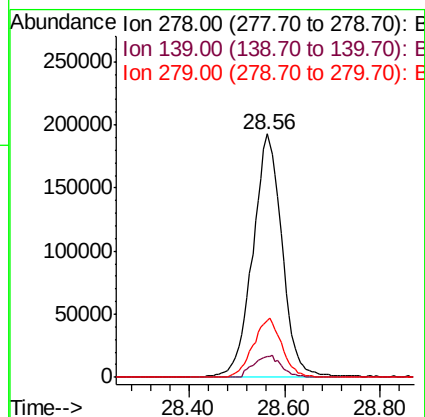
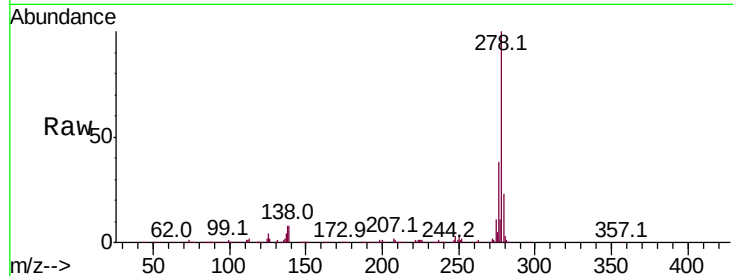




#91
Dibenzo(a,h)anthracene
Concen: 46.642 ng
RT: 28.56 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	6.8	10.2
279	23.4	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 47.523 ng
RT: 29.64 min Scan# 4520
Delta R.T. -0.01 min
Lab File: BG043351.D
Acq: 28 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.3	27.5
138	12.1	9.3	13.9

