

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043604.D
 Acq On : 12 Nov 2019 5:27
 Operator : JU
 Sample : PB124694BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 12 07:49:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33103	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	140050	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	107061	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	273129	20.00	ng	0.00
76) Chrysene-d12	21.65	240	220944	20.00	ng	0.00
87) Perylene-d12	24.83	264	252678	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	189692	105.01	ng	0.00
7) Phenol-d6	7.20	99	271553	104.48	ng	0.00
23) Nitrobenzene-d5	9.17	82	230306	84.78	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	180221	88.46	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	666530	86.03	ng	0.00
79) Terphenyl-d14	19.99	244	1299808	110.37	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.46	88	19650	27.913 ng	89
3) Pyridine	3.86	79	54642	30.770 ng	97
4) n-Nitrosodimethylamine	3.77	42	40777	45.506 ng	84
6) Aniline	7.33	93	115034	38.420 ng	97
8) 2-Chlorophenol	7.58	128	102261	51.280 ng	95
9) Benzaldehyde	7.14	77	47413	37.119 ng	91
10) Phenol	7.23	94	125825	52.978 ng	97
11) bis(2-Chloroethyl)ether	7.42	93	82141	44.733 ng	97
12) 1,3-Dichlorobenzene	7.89	146	99545	39.842 ng	100
13) 1,4-Dichlorobenzene	8.03	146	105391	41.691 ng	96
14) 1,2-Dichlorobenzene	8.36	146	100765	40.825 ng	95
15) Benzyl Alcohol	8.25	79	93768	51.369 ng	93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	109463	40.997 ng	98
17) 2-Methylphenol	8.47	107	90057	52.014 ng	94
18) Hexachloroethane	9.08	117	36249	39.745 ng	99
19) n-Nitroso-di-n-propylamine	8.80	70	76259	45.406 ng	93
20) 3+4-Methylphenols	8.80	107	120663	50.822 ng	96
22) Acetophenone	8.82	105	149307	41.630 ng	# 95
24) Nitrobenzene	9.20	77	113728	43.948 ng	# 96
25) Isophorone	9.73	82	217968	43.887 ng	99
26) 2-Nitrophenol	9.92	139	59843	47.899 ng	95
27) 2,4-Dimethylphenol	9.99	122	98359	54.929 ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	119671	43.657 ng	99
29) 2,4-Dichlorophenol	10.47	162	114694	49.990 ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	118881	41.111 ng	98
31) Naphthalene	10.85	128	316000	44.452 ng	98
32) Benzoic acid	10.20	122	56981	42.867 ng	95
33) 4-Chloroaniline	10.98	127	79479	27.275 ng	99
34) Hexachlorobutadiene	11.14	225	81018	37.901 ng	95
35) Caprolactam	11.75	113	19358	24.498 ng	91
36) 4-Chloro-3-methylphenol	12.12	107	130537	52.160 ng	99
37) 2-Methylnaphthalene	12.46	142	246988	45.281 ng	100
38) 1-Methylnaphthalene	12.68	142	234165	45.120 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	157070	39.642 ng	99

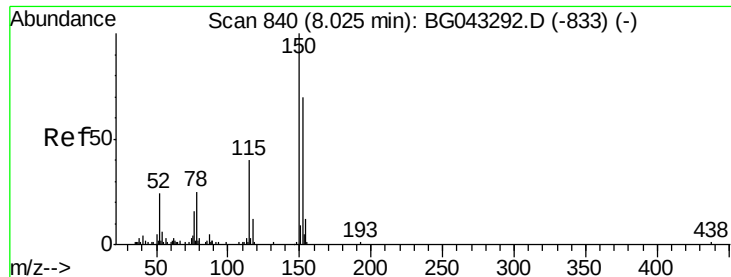
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
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 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	175625	84.380	ng	96
43) 2,4,6-Trichlorophenol	13.08	196	107038	45.873	ng	96
44) 2,4,5-Trichlorophenol	13.16	196	115793	49.086	ng	97
46) 1,1'-Biphenyl	13.47	154	343644	42.193	ng	99
47) 2-Chloronaphthalene	13.51	162	262452	42.351	ng	98
48) 2-Nitroaniline	13.72	65	85664	46.251	ng	98
49) Acenaphthylene	14.36	152	442736	45.904	ng	99
50) Dimethylphthalate	14.09	163	368410	44.426	ng	98
51) 2,6-Dinitrotoluene	14.21	165	85574	47.500	ng	98
52) Acenaphthene	14.70	154	260609	44.309	ng	94
53) 3-Nitroaniline	14.55	138	58759	33.782	ng	99
54) 2,4-Dinitrophenol	14.76	184	95792	84.681	ng	98
55) Dibenzofuran	15.03	168	434702	45.575	ng	99
56) 4-Nitrophenol	14.90	139	124215	106.567	ng	92
57) 2,4-Dinitrotoluene	15.00	165	121181	47.067	ng	# 98
58) Fluorene	15.68	166	366420	45.804	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	118926	47.451	ng	97
60) Diethylphthalate	15.45	149	374583	44.956	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	210497	45.105	ng	99
62) 4-Nitroaniline	15.72	138	84946	47.289	ng	95
63) Azobenzene	15.97	77	314941	46.703	ng	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	76297	47.467	ng	92
66) n-Nitrosodiphenylamine	15.89	169	334828	43.421	ng	96
67) 4-Bromophenyl-phenylether	16.57	248	152481	41.483	ng	95
68) Hexachlorobenzene	16.69	284	169892	40.266	ng	96
69) Atrazine	16.84	200	149537	55.809	ng	98
70) Pentachlorophenol	17.04	266	169777	88.308	ng	98
71) Phenanthrene	17.42	178	604989	43.256	ng	99
72) Anthracene	17.52	178	626076	44.741	ng	99
73) Carbazole	17.79	167	562852	44.416	ng	99
74) Di-n-butylphthalate	18.33	149	676322	43.986	ng	99
75) Fluoranthene	19.43	202	796026	43.657	ng	99
77) Benzidine	19.62	184	311185	69.983	ng	98
78) Pyrene	19.80	202	782693	57.230	ng	98
80) Butylbenzylphthalate	20.68	149	240744	46.464	ng	99
81) Benzo(a)anthracene	21.63	228	636763	46.010	ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	173397	32.393	ng	94
83) Chrysene	21.69	228	620573	45.130	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	317060	43.078	ng	99
85) Di-n-octyl phthalate	22.72	149	562634	45.057	ng	# 96
86) Indeno(1,2,3-cd)pyrene	28.47	276	782690	45.345	ng	# 95
88) Benzo(b)fluoranthene	23.82	252	644288	45.021	ng	98
89) Benzo(k)fluoranthene	23.89	252	656143	45.544	ng	99
90) Benzo(a)pyrene	24.69	252	605654	44.319	ng	97
91) Dibenzo(a,h)anthracene	28.53	278	660437	47.248	ng	98
92) Benzo(g,h,i)perylene	29.61	276	656386	47.605	ng	99

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

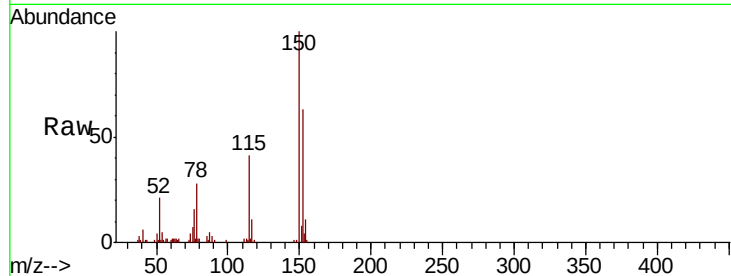


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	129.4	194.0
115	64.9	48.8	73.2

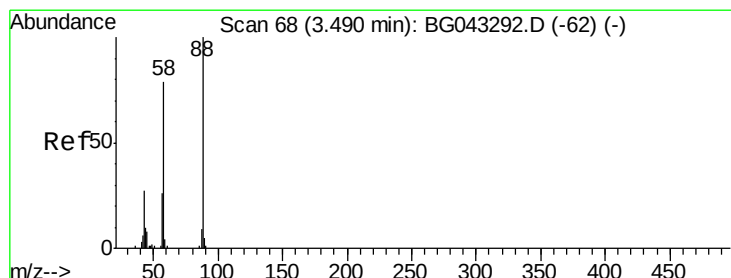
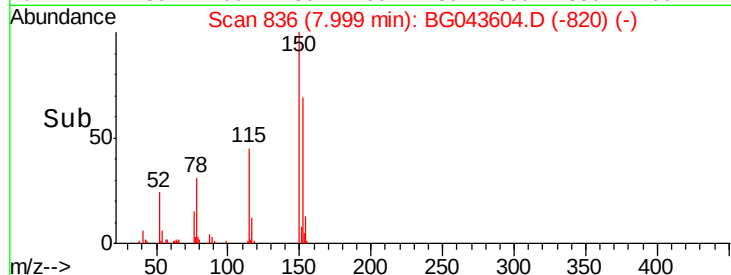
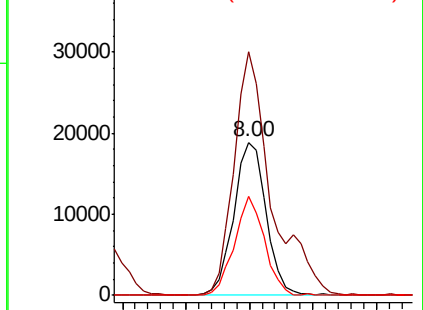


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

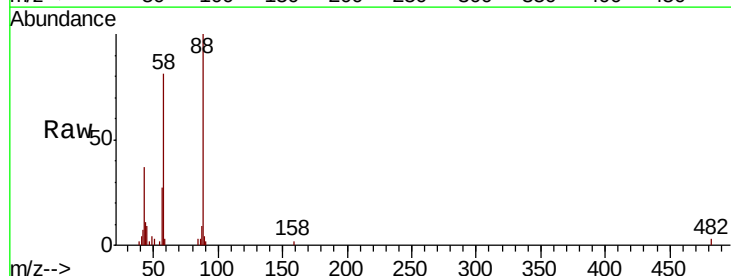
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.913 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.0	62.7	94.1
43	26.6	23.7	35.5

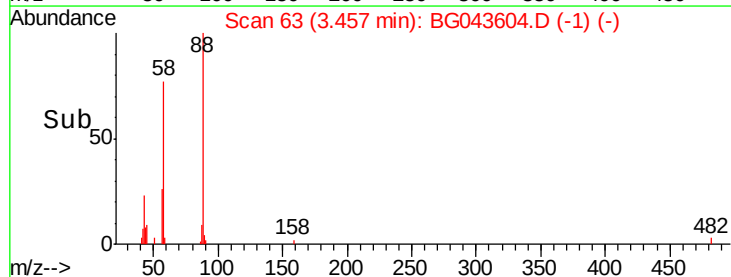
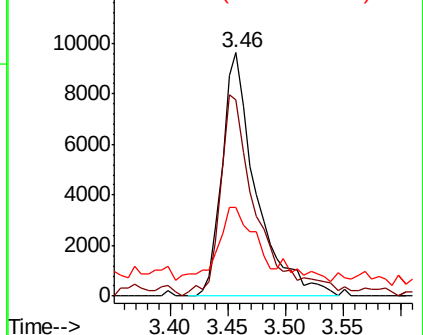


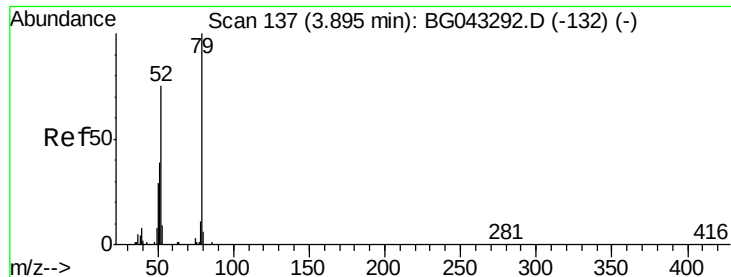
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.770 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

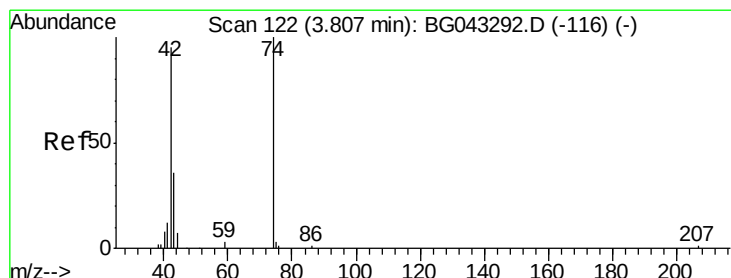
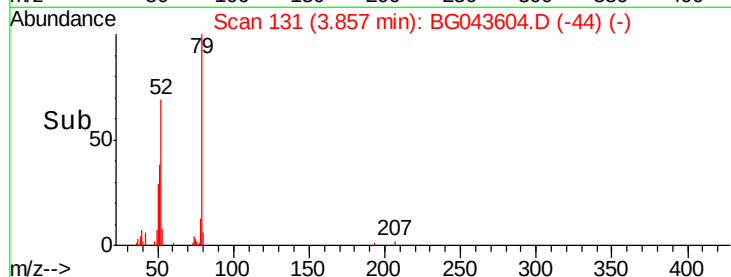
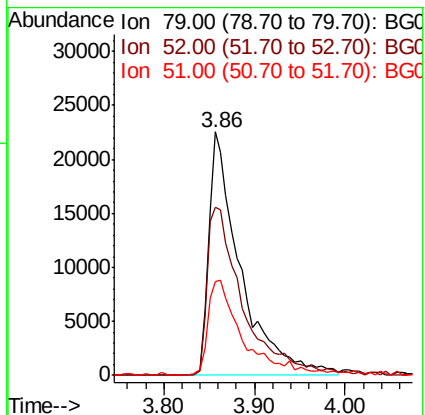
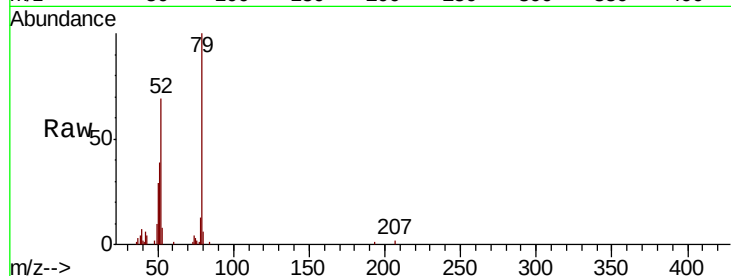
Tot Ion: 79 Resp: 54642

Ion Ratio Lower Upper

79 100

52 68.8 56.5 84.7

51 38.7 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 45.506 ng

RT: 3.77 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

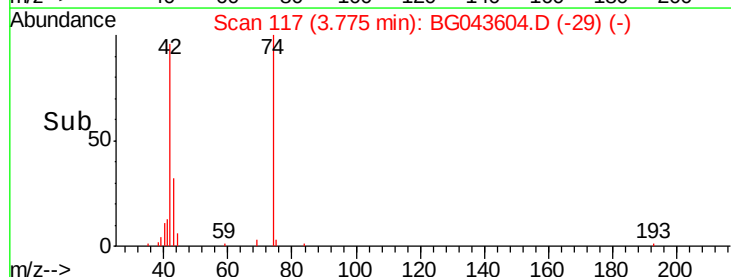
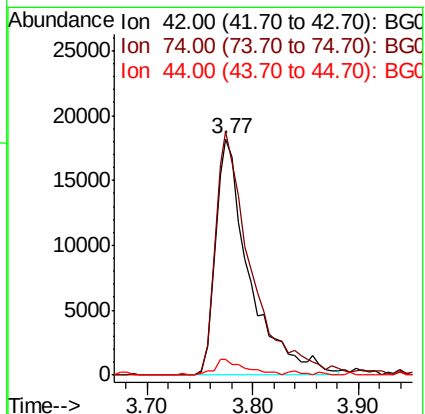
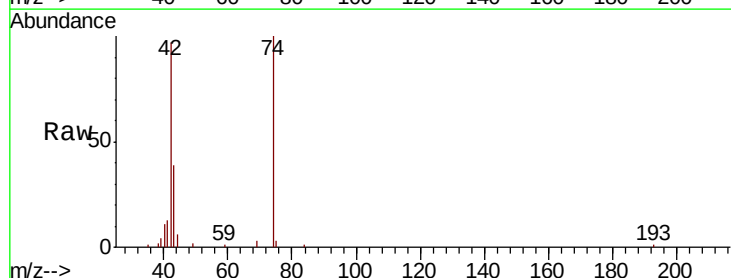
Tgt Ion: 42 Resp: 40777

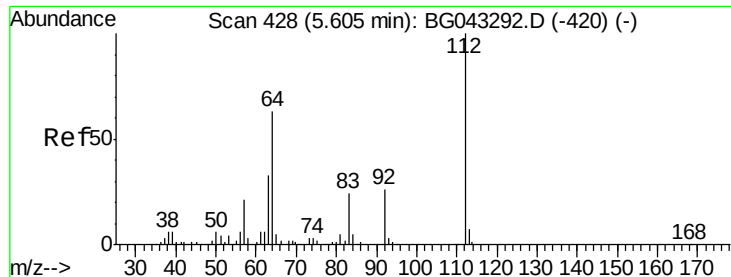
Ion Ratio Lower Upper

42 100

74 103.1 97.3 145.9

44 6.5 4.4 6.6





#5

2-Fluorophenol

Concen: 105.006 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

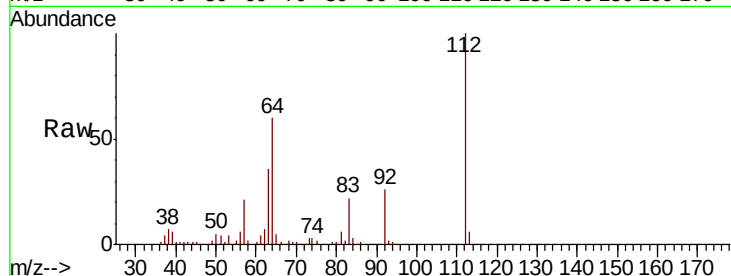
Tot Ion:112 Resp: 189692

Ion Ratio Lower Upper

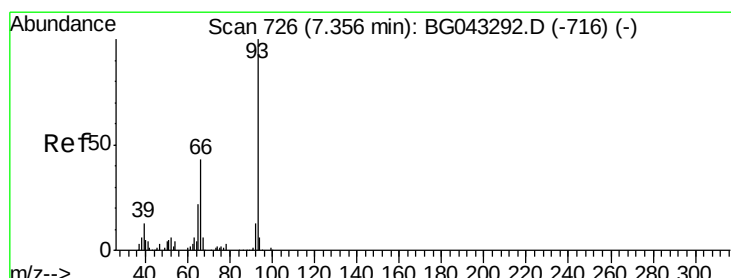
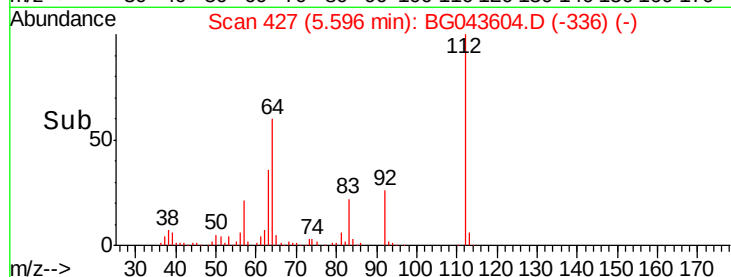
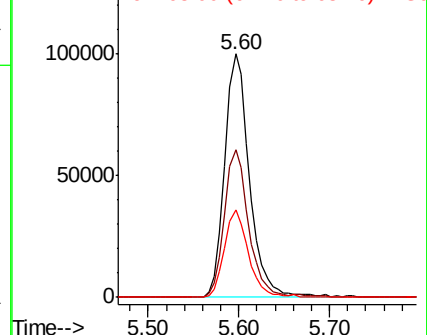
112 100

64 60.4 50.0 75.0

63 36.1 26.6 40.0



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



#6

Aniline

Concen: 38.420 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

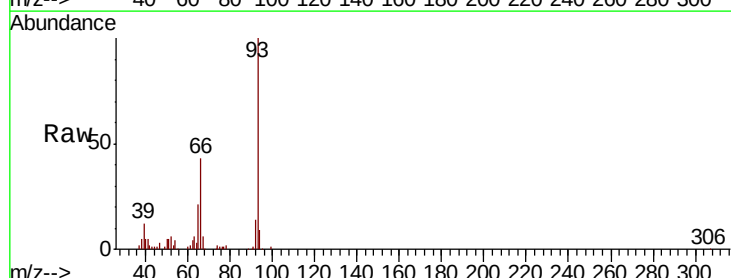
Tgt Ion: 93 Resp: 115034

Ion Ratio Lower Upper

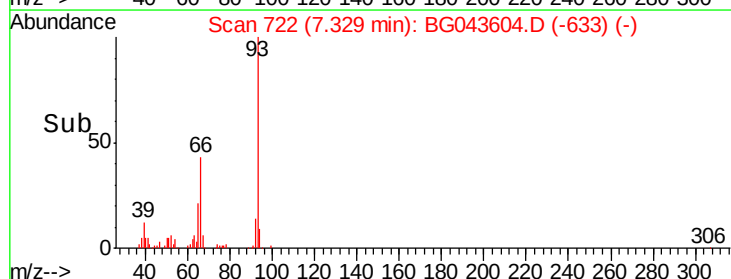
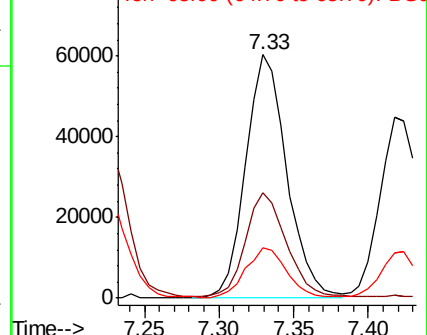
93 100

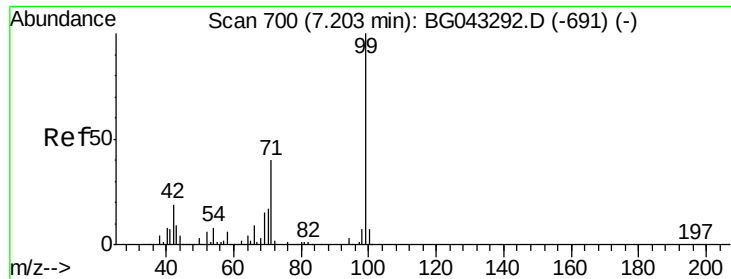
66 43.1 32.3 48.5

65 20.6 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.479 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

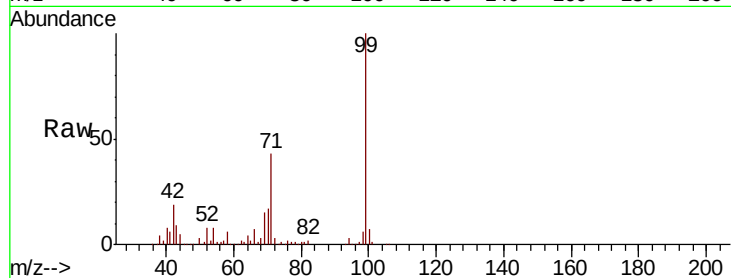
Tot Ion: 99 Resp: 271553

Ion Ratio Lower Upper

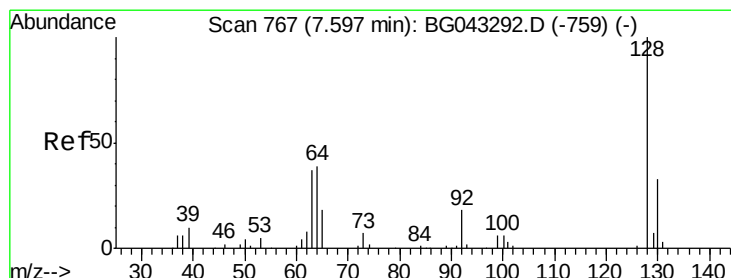
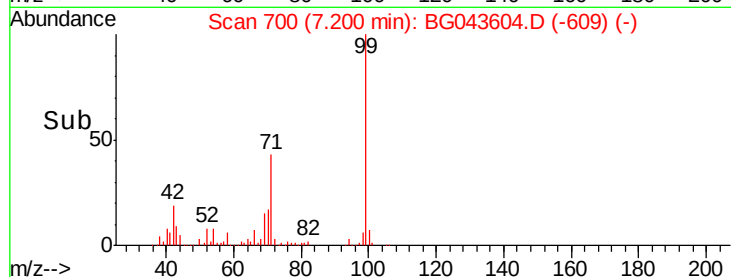
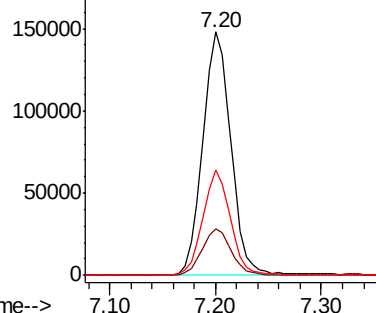
99 100

42 19.3 14.6 21.8

71 43.0 32.5 48.7



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



#8

2-Chlorophenol

Concen: 51.280 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

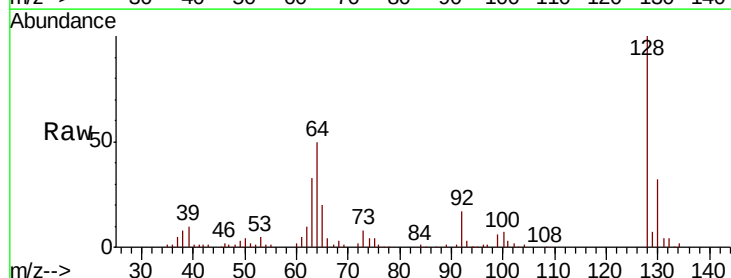
Tgt Ion: 128 Resp: 102261

Ion Ratio Lower Upper

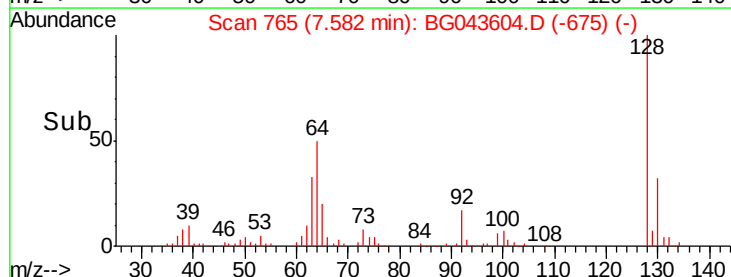
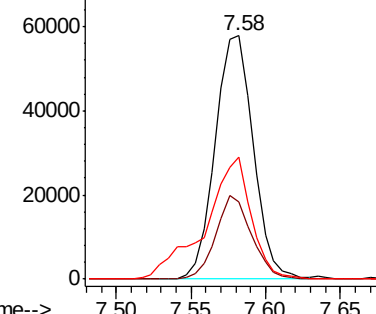
128 100

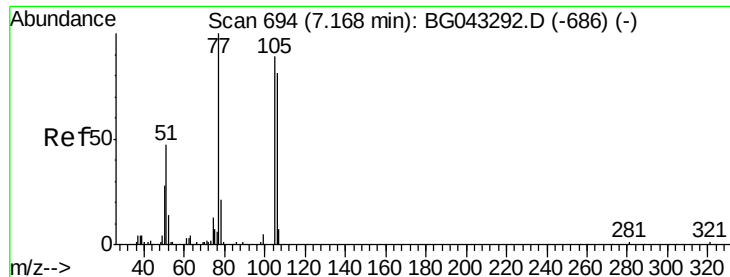
130 31.8 12.5 52.5

64 50.1 25.3 65.3



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





#9

Benzaldehyde

Concen: 37.119 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

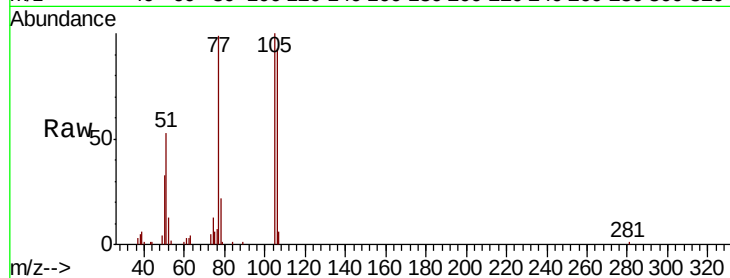
Tot Ion: 77 Resp: 47413

Ion Ratio Lower Upper

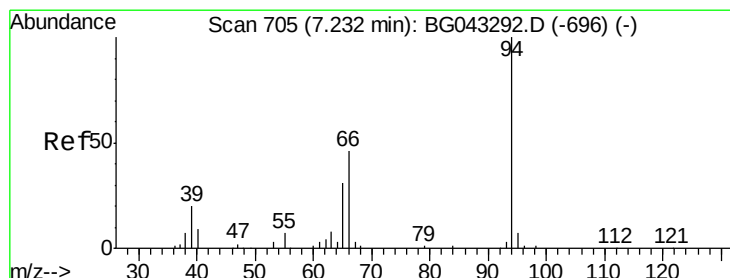
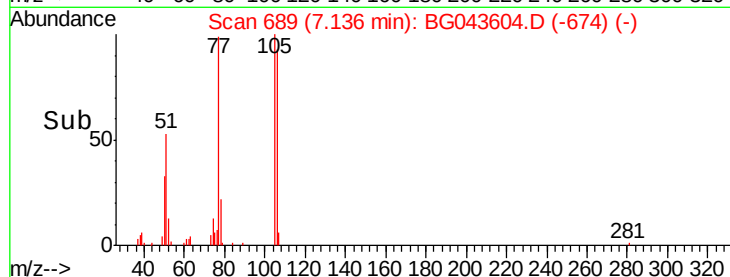
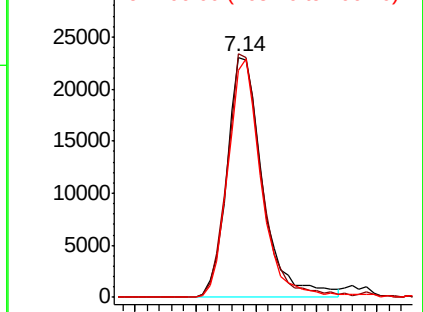
77 100

105 101.5 68.6 108.6

106 94.7 69.9 109.9



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



#10

Phenol

Concen: 52.978 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

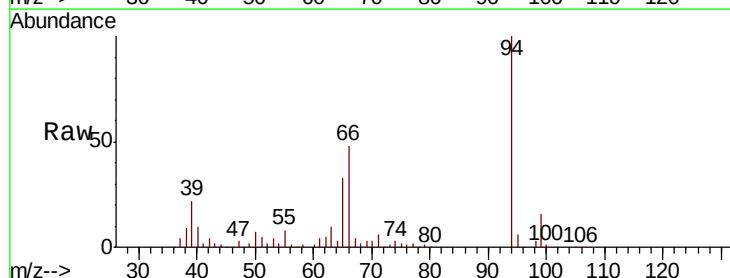
Tgt Ion: 94 Resp: 125825

Ion Ratio Lower Upper

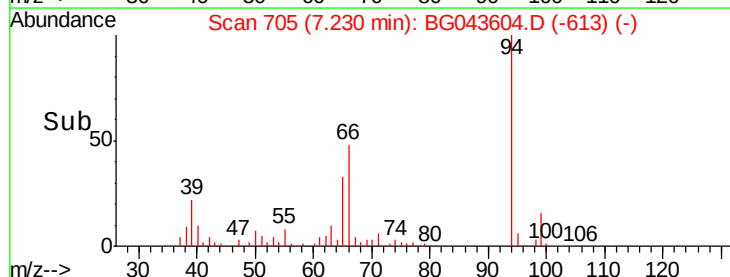
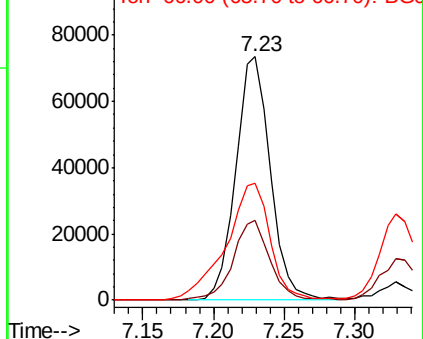
94 100

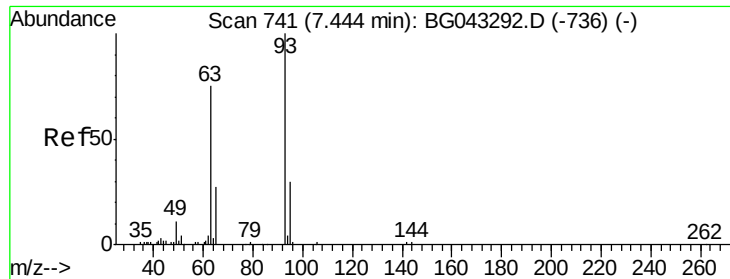
65 32.9 12.6 52.6

66 47.9 30.7 70.7



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

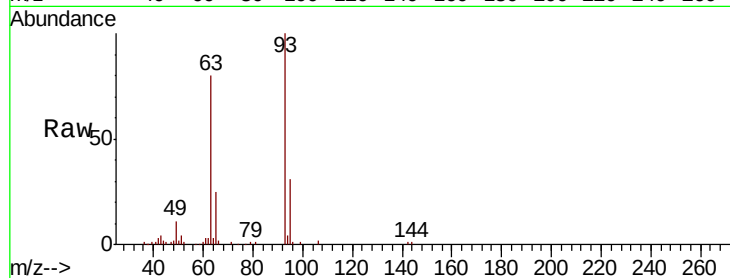




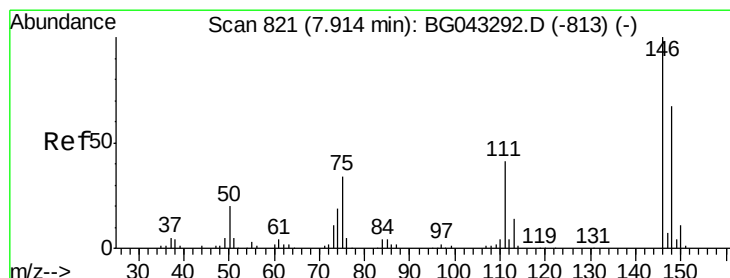
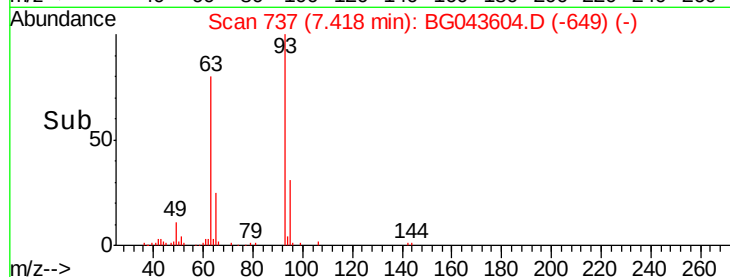
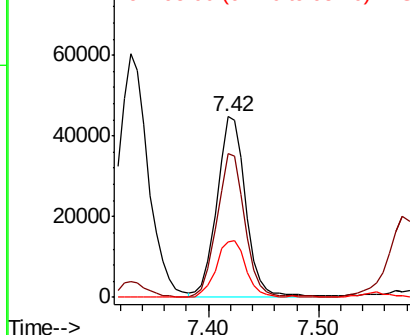
#11
bis(2-Chloroethyl)ether
Concen: 44.733 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampled :

Tot Ion: 93 Resp: 82141
Ion Ratio Lower Upper
93 100
63 79.6 56.3 96.3
95 31.0 12.2 52.2

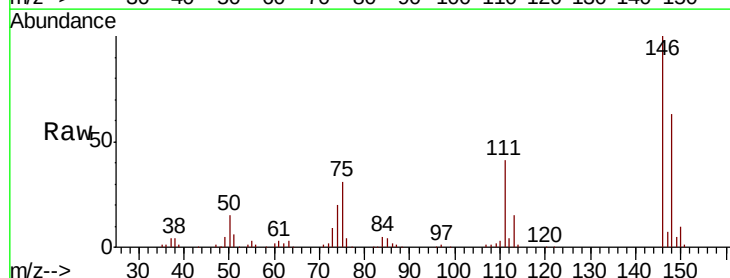


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

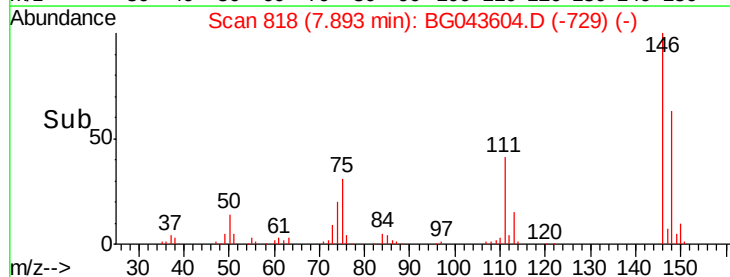
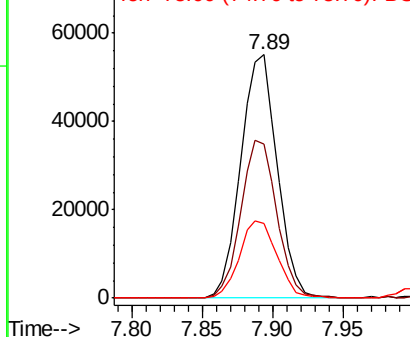


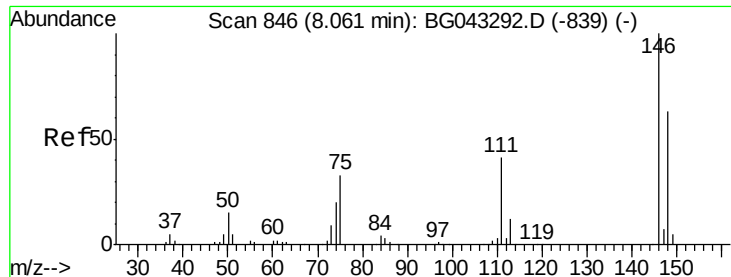
#12
1,3-Dichlorobenzene
Concen: 39.842 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion: 146 Resp: 99545
Ion Ratio Lower Upper
146 100
148 63.2 50.3 75.5
75 30.8 24.6 37.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

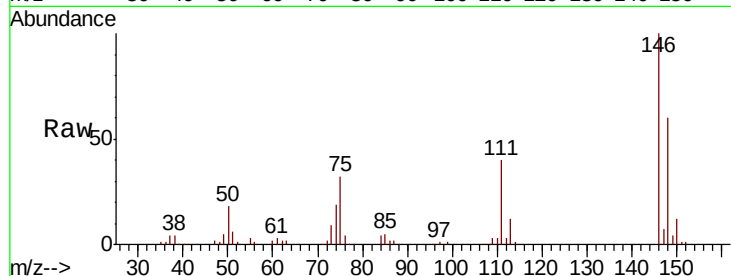




#13
 1,4-Dichlorobenzene
 Concen: 41.691 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.7	50.7	76.1
111	39.5	33.4	50.2

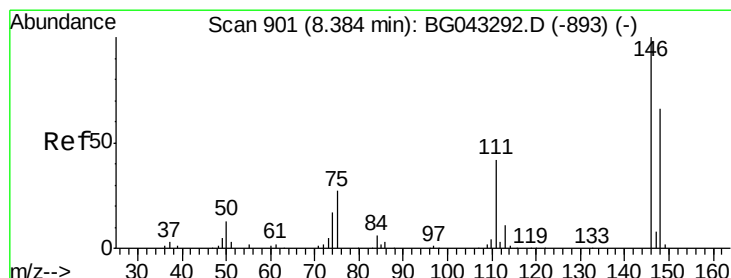
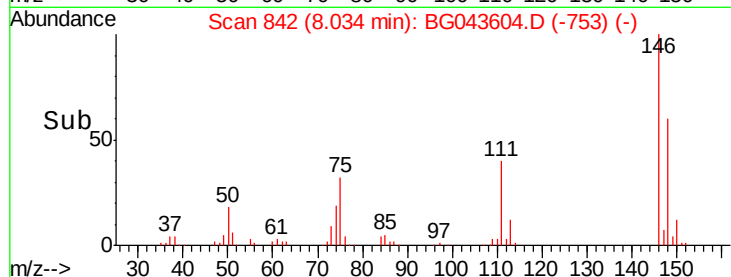
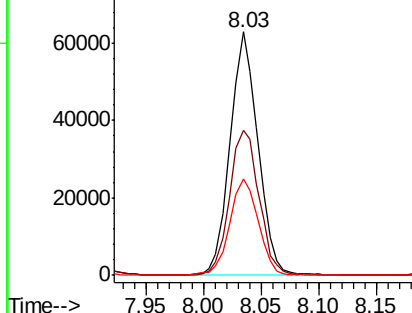


Abundance

Ion 146.00 (145.70 to 146.70): E

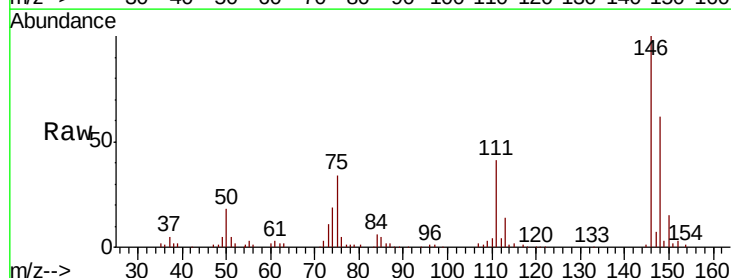
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.825 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	53.2	79.8
111	41.4	35.8	53.6

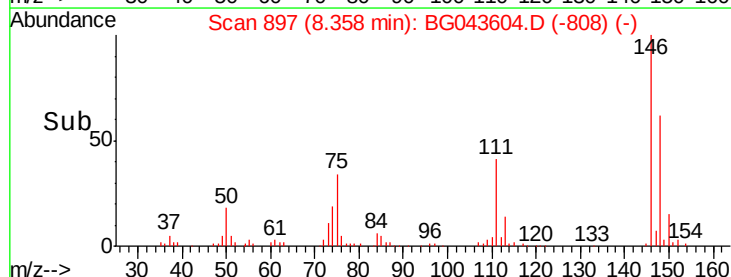
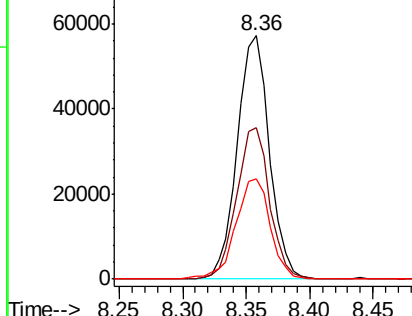


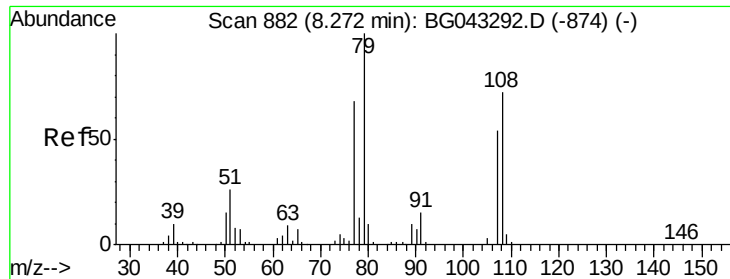
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.369 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

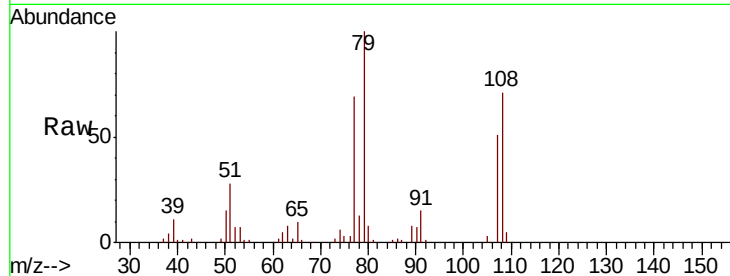
Tot Ion: 79 Resp: 93768

Ion Ratio Lower Upper

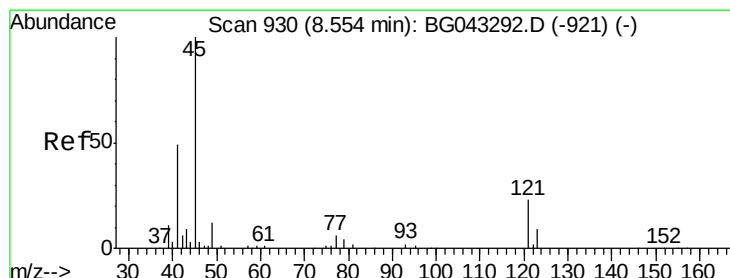
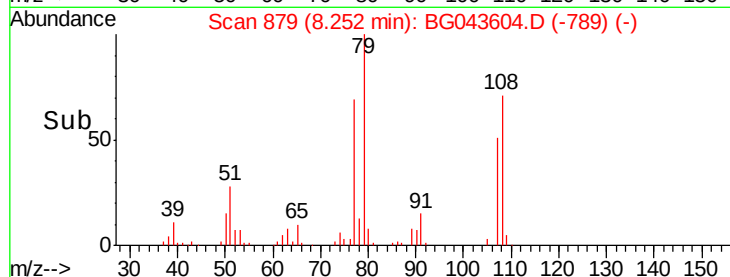
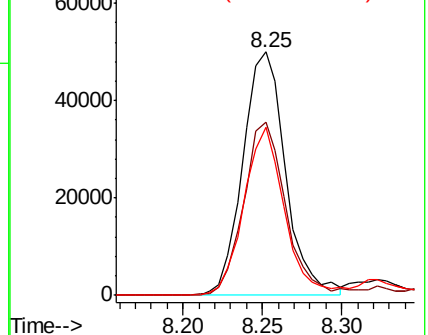
79 100

108 71.0 53.6 80.4

77 69.2 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.997 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

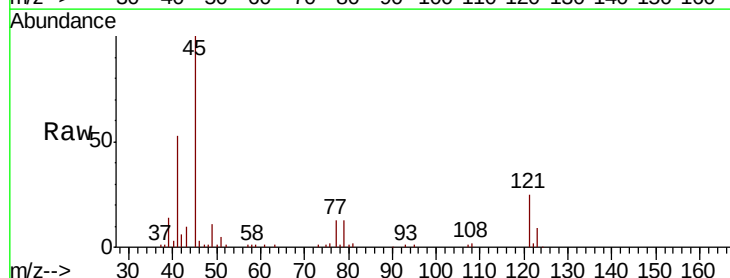
Tgt Ion: 45 Resp: 109463

Ion Ratio Lower Upper

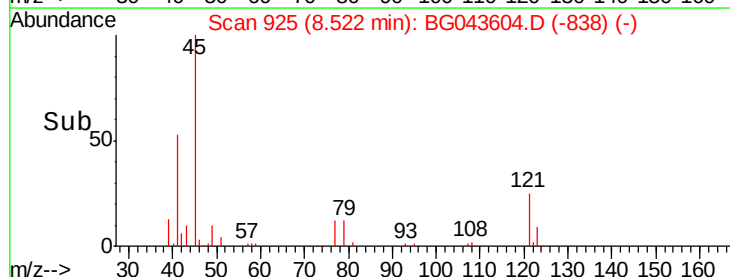
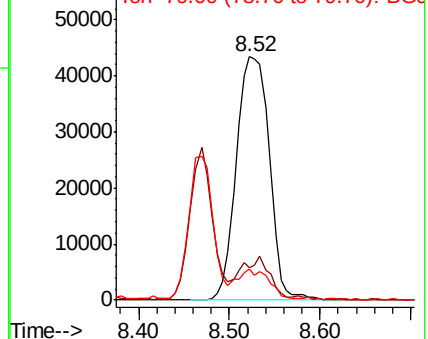
45 100

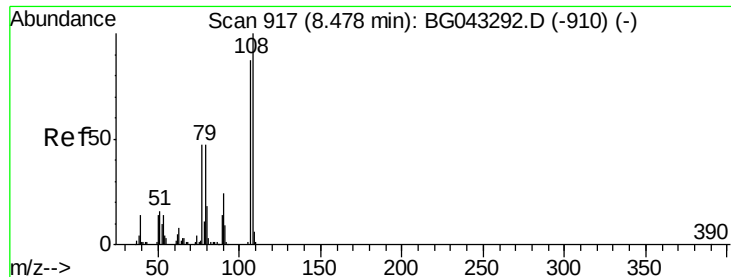
77 13.5 0.0 34.9

79 12.9 0.0 33.0



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





#17

2-Methylphenol

Concen: 52.014 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043604.D

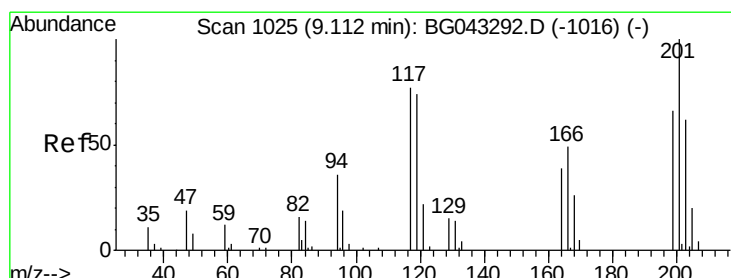
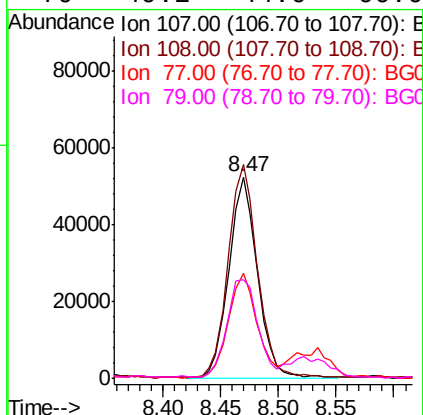
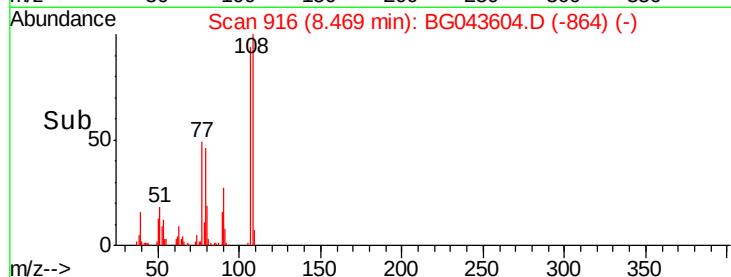
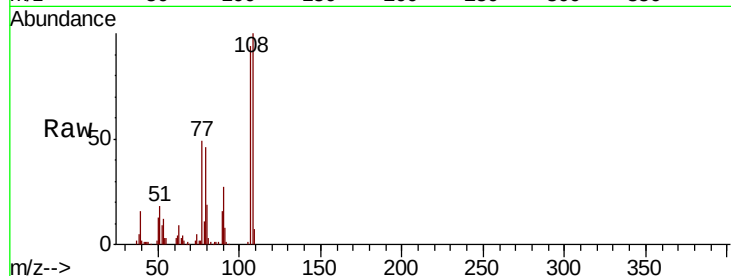
Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	90057
Ion	Ratio	Lower	Upper
107	100		
108	106.2	90.2	135.4
77	51.9	40.2	60.2
79	49.2	44.0	66.0



#18

Hexachloroethane

Concen: 39.745 ng

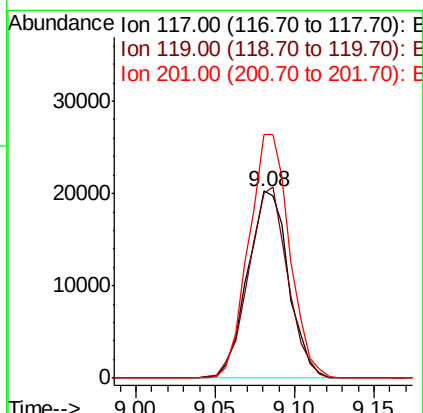
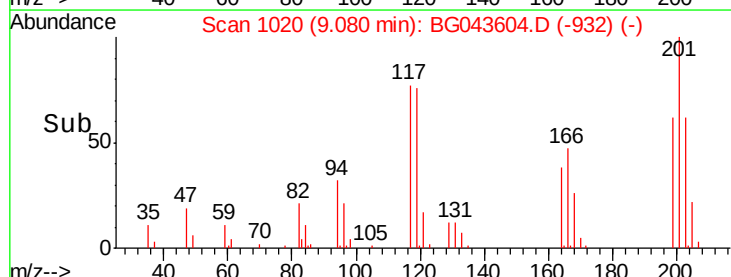
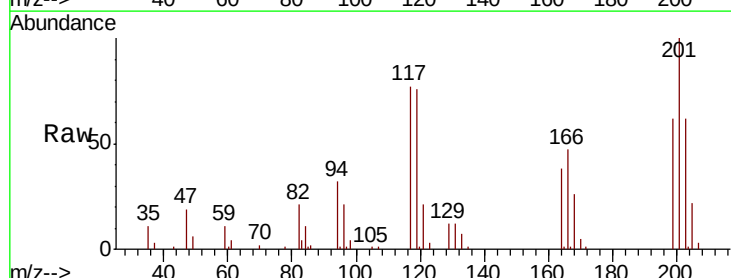
RT: 9.08 min Scan# 1020

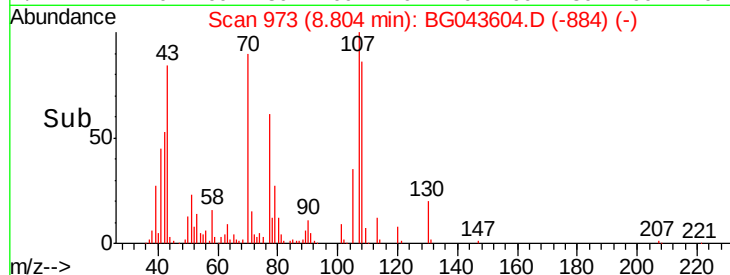
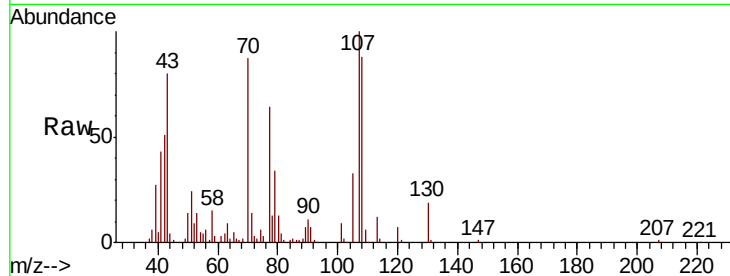
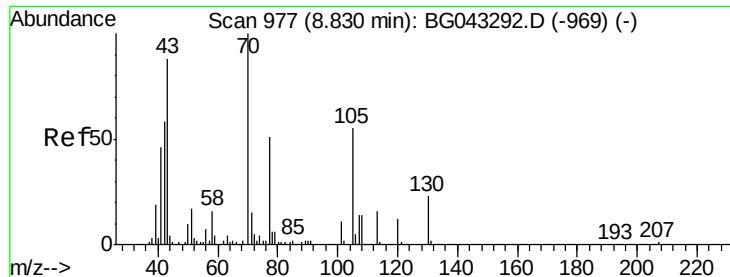
Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion:	117	Resp:	36249
Ion	Ratio	Lower	Upper
117	100		
119	98.9	79.0	118.4
201	130.2	105.4	158.2

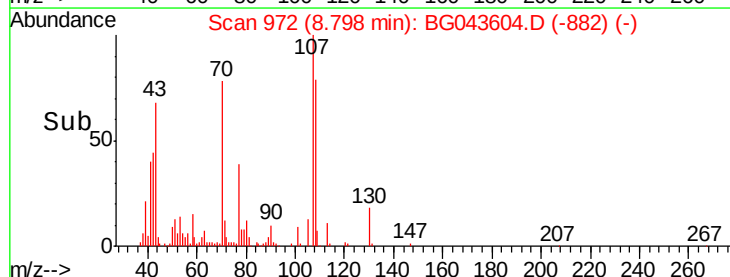
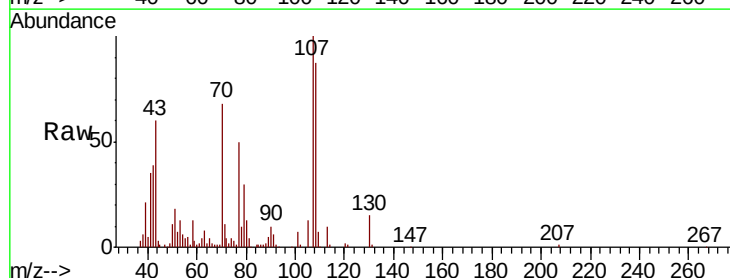
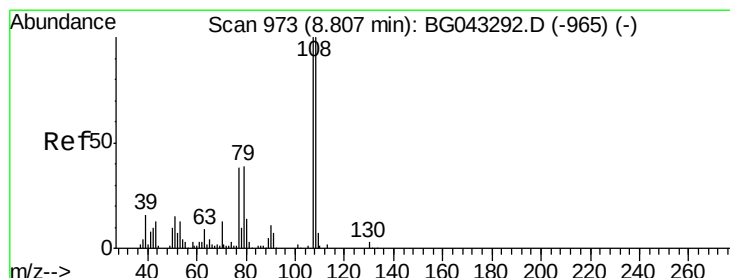
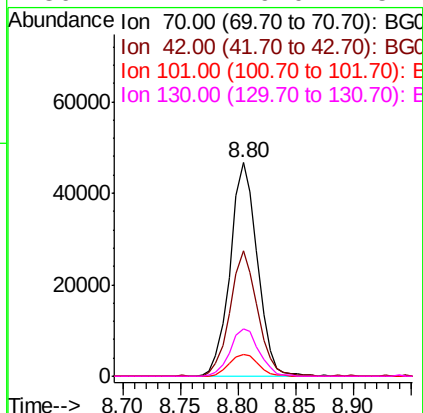




#19
n-Nitroso-di-n-propylamine
Concen: 45.406 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

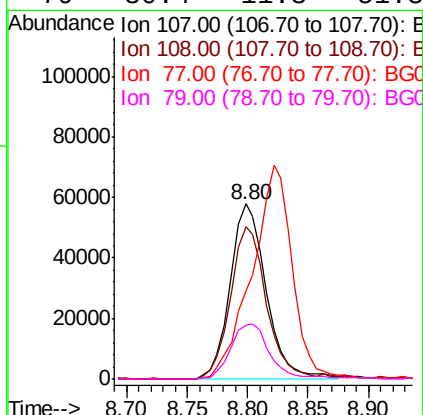
Instrument :
BNA_G
ClientSampleId :

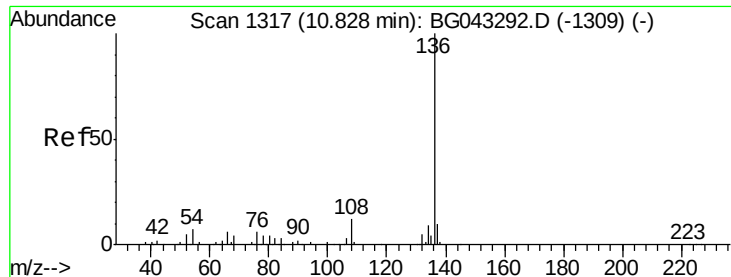
Tot Ion:	70	Resp:	76259
Ion	Ratio	Lower	Upper
70	100		
42	58.6	41.4	62.2
101	10.3	7.9	11.9
130	22.4	19.0	28.4



#20
3+4-Methylphenols
Concen: 50.822 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion:	107	Resp:	120663
Ion	Ratio	Lower	Upper
107	100		
108	87.1	66.6	106.6
77	50.1	20.9	60.9
79	30.4	11.3	51.3

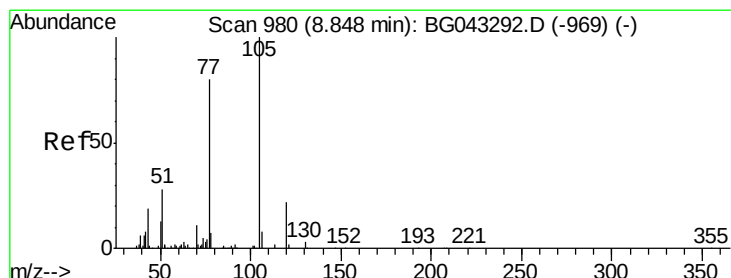
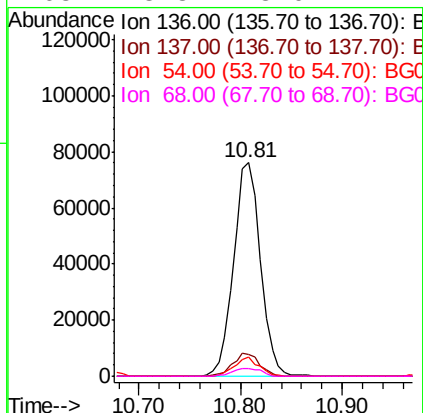
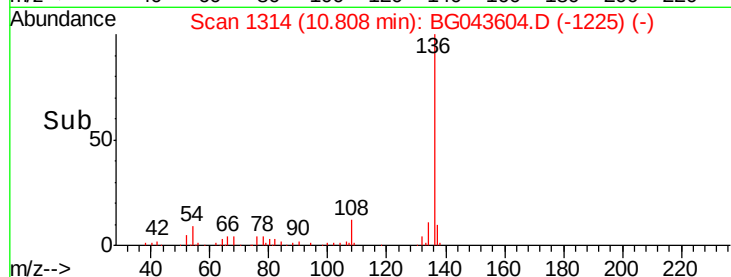
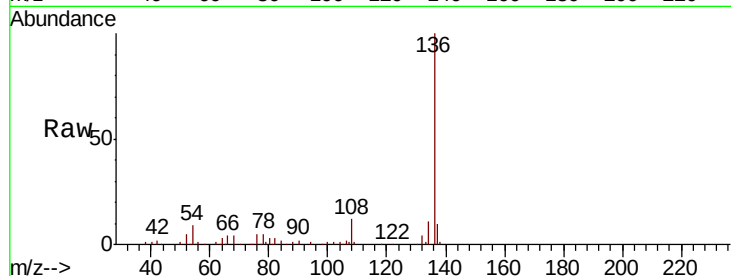




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

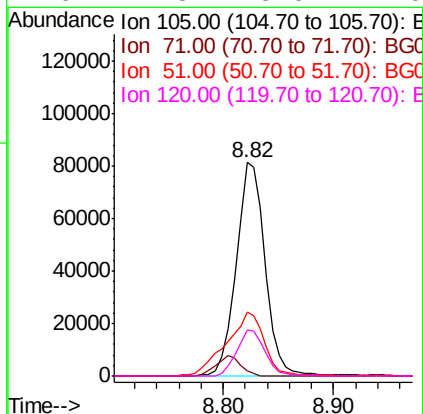
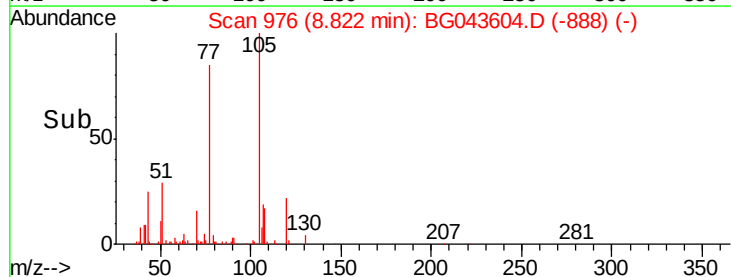
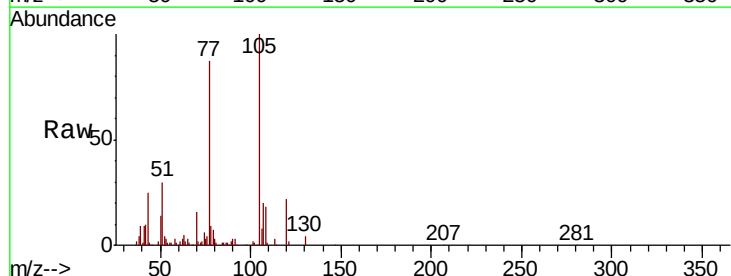
Instrument :
BNA_G
ClientSampled :

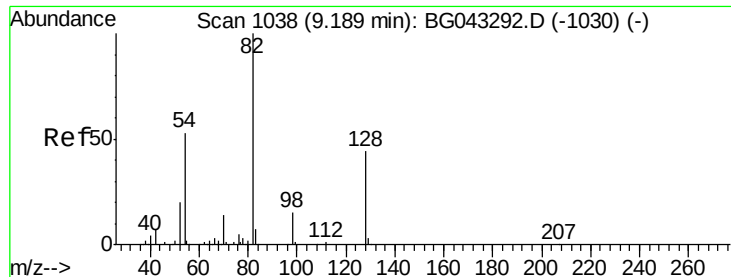
Tot Ion:136	Resp:	140050
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.7 13.1
54	8.8	5.4 8.2#
68	3.8	3.0 4.4



#22
Acetophenone
Concen: 41.630 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion:105	Resp:	149307
Ion Ratio	Lower	Upper
105	100	
71	2.5	0.8 1.2#
51	29.9	21.0 31.4
120	21.8	18.0 27.0

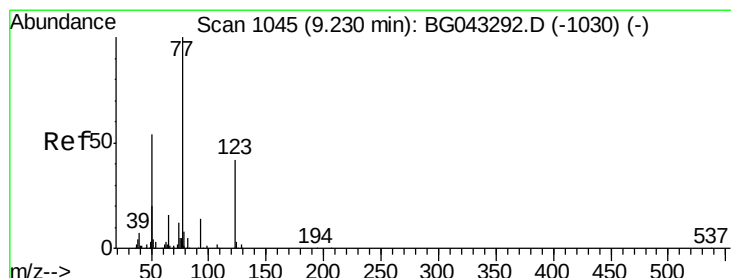
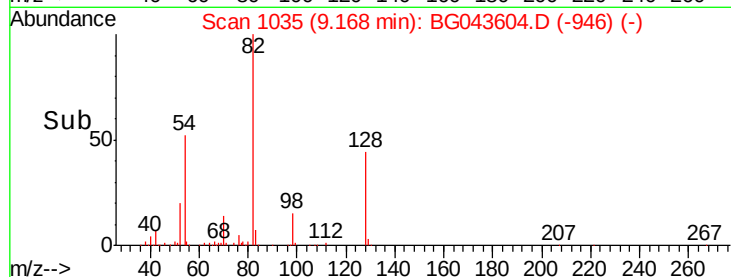
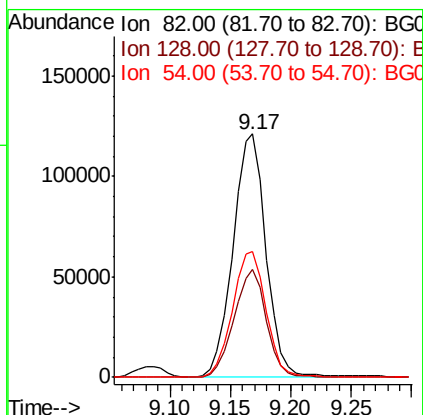
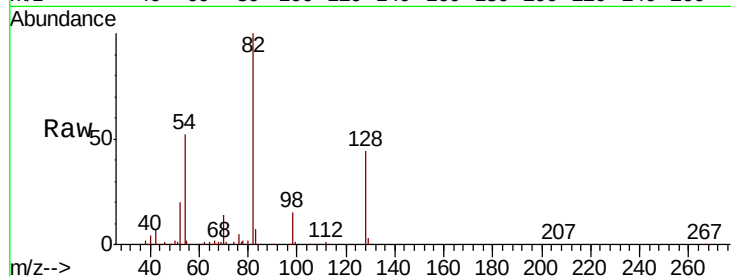




#23
 Nitrobenzene-d5
 Concen: 84.779 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

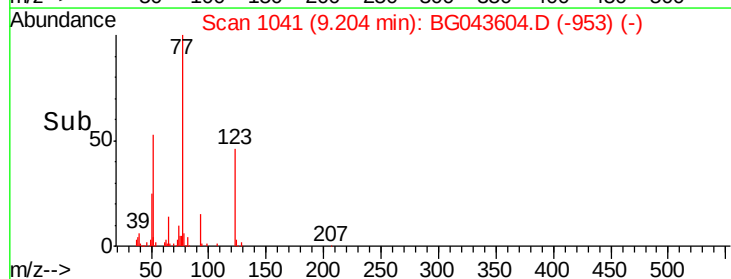
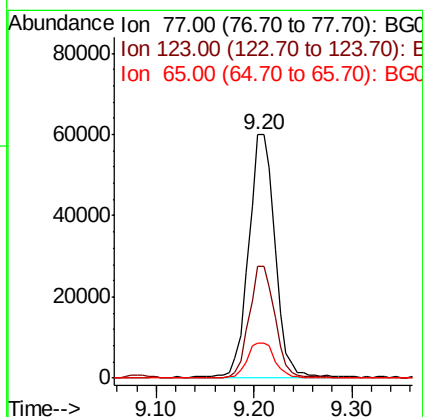
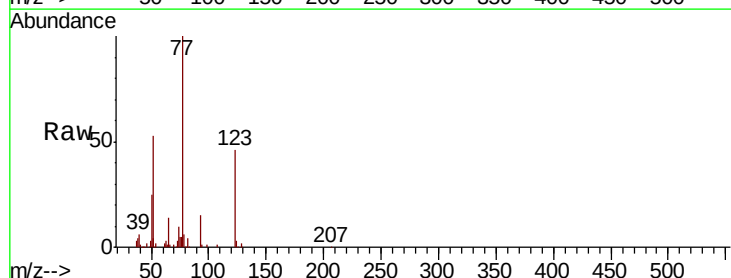
Instrument :
 BNA_G
 ClientSampleId :

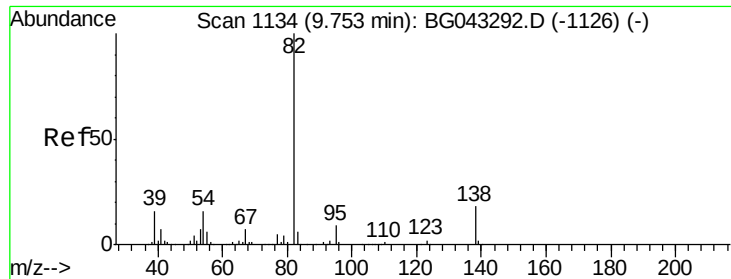
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.0	52.6
54	51.6	40.2	60.2



#24
 Nitrobenzene
 Concen: 43.948 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	35.0	52.6
65	14.3	9.5	14.3#





#25

Isophorone

Concen: 43.887 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

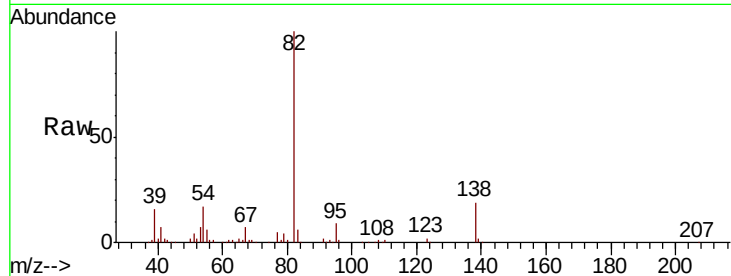
Tot Ion: 82 Resp: 217968

Ion Ratio Lower Upper

82 100

95 8.7 6.6 9.8

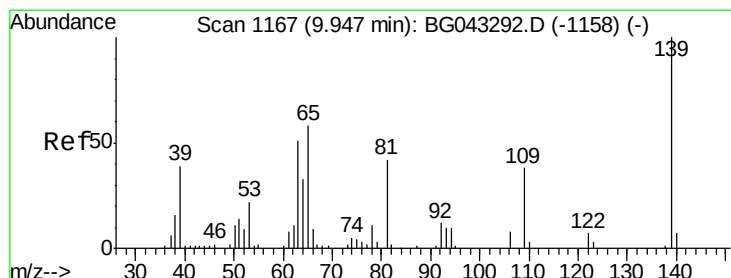
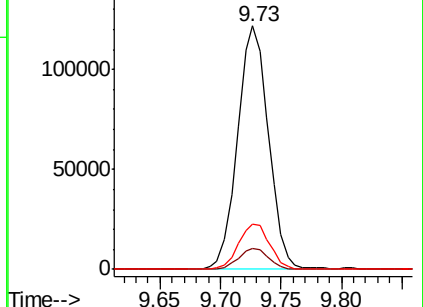
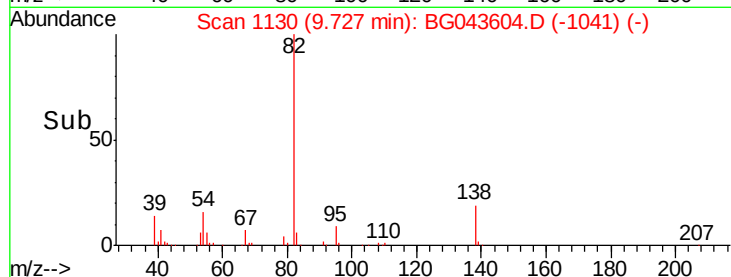
138 18.7 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BG043292.D (-1126) (-)

Ion 95.00 (94.70 to 95.70): BG043292.D (-1126) (-)

Ion 138.00 (137.70 to 138.70): BG043292.D (-1126) (-)



#26

2-Nitrophenol

Concen: 47.899 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

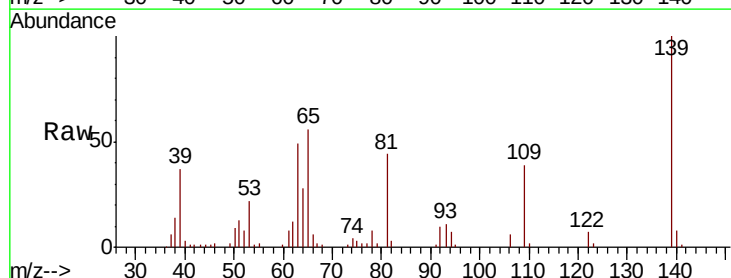
Tgt Ion: 139 Resp: 59843

Ion Ratio Lower Upper

139 100

109 39.0 26.5 39.7

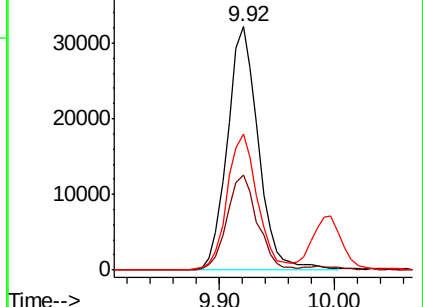
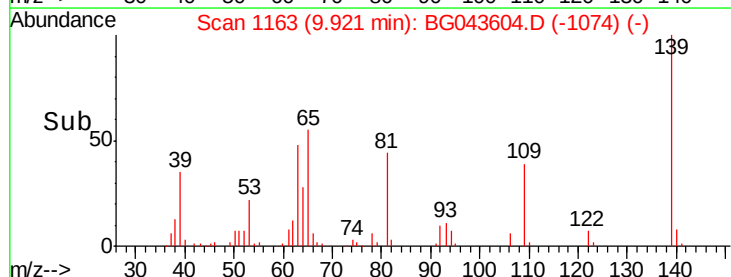
65 55.8 43.8 65.8

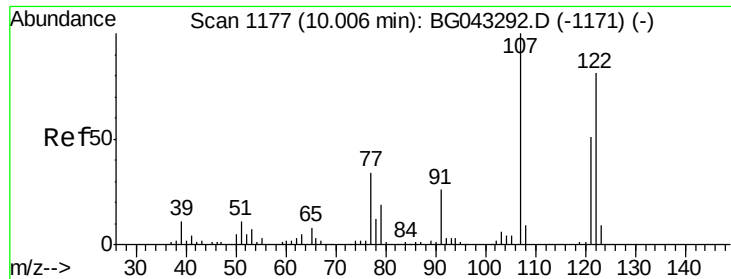


Abundance Ion 139.00 (138.70 to 139.70): BG043292.D (-1158) (-)

Ion 109.00 (108.70 to 109.70): BG043292.D (-1158) (-)

Ion 65.00 (64.70 to 65.70): BG043292.D (-1158) (-)

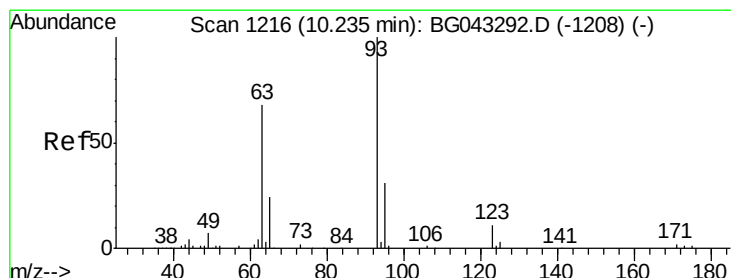
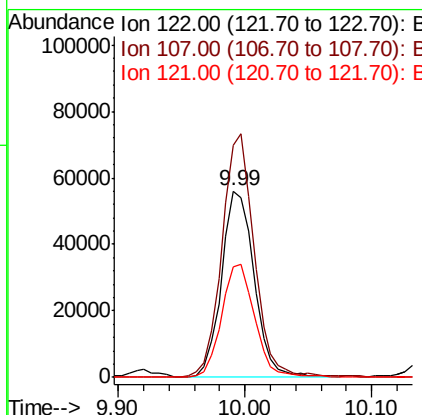
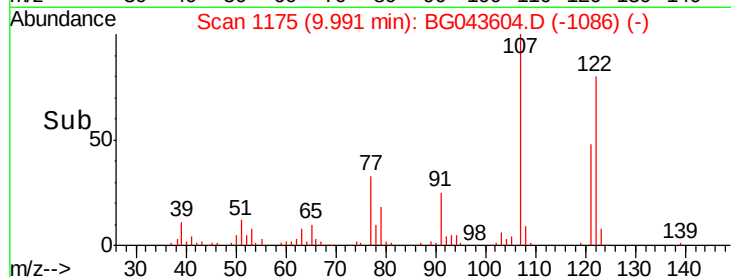
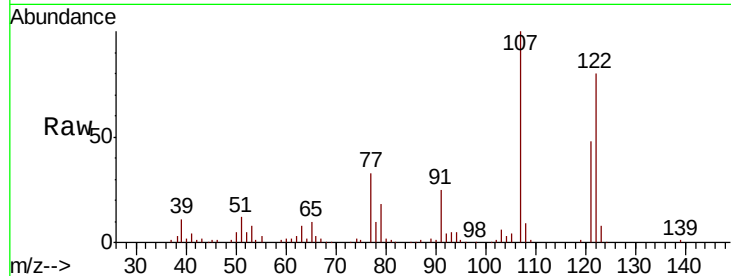




#27
 2,4-Dimethylphenol
 Concen: 54.929 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

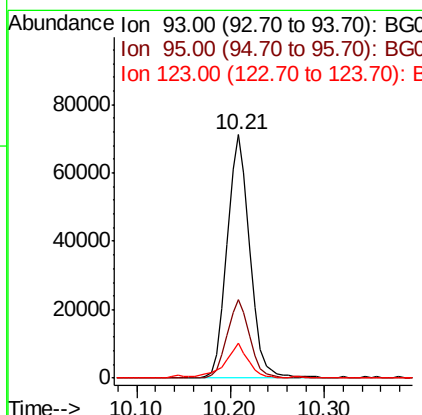
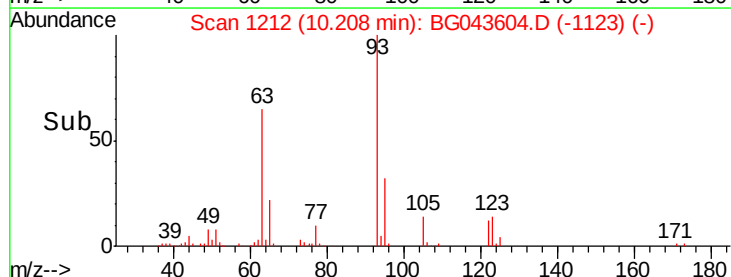
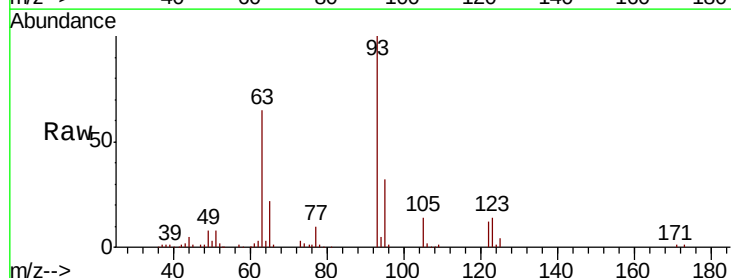
Instrument :
 BNA_G
 ClientSampled :

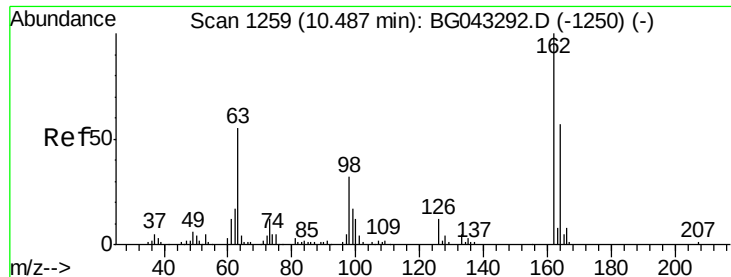
Tot Ion:122 Resp: 98359
 Ion Ratio Lower Upper
 122 100
 107 125.1 104.4 156.6
 121 59.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.657 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion: 93 Resp: 119671
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.0 39.0
 123 14.1 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 49.990 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

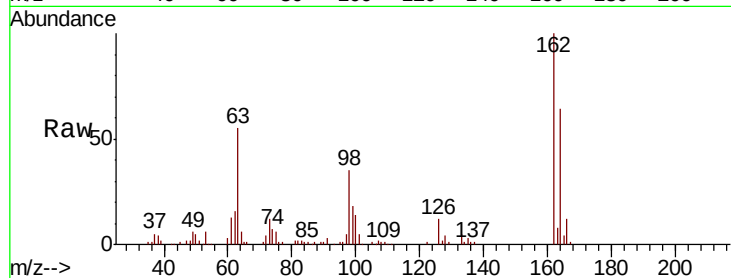
Tot Ion:162 Resp: 114694

Ion Ratio Lower Upper

162 100

164 64.5 48.9 88.9

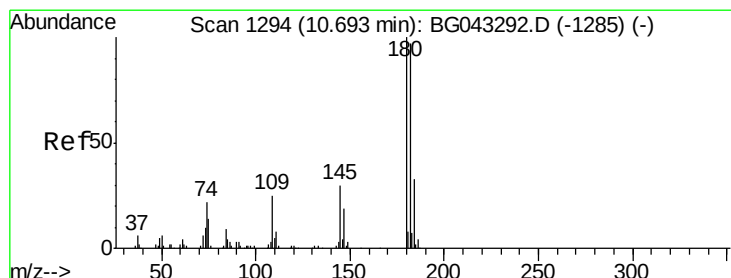
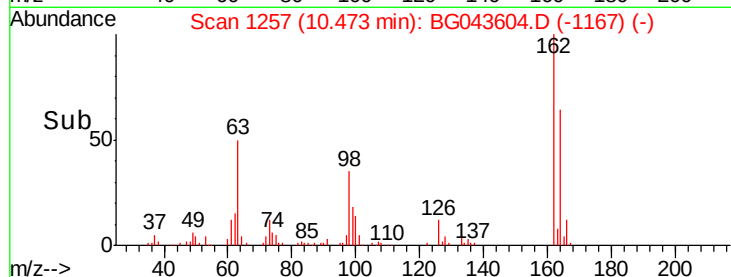
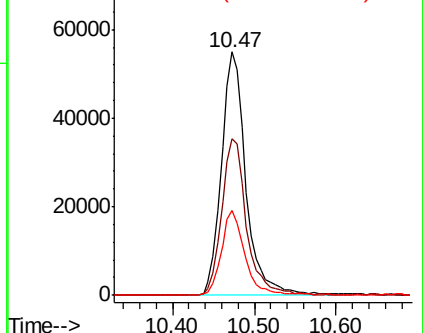
98 35.1 15.1 55.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.111 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

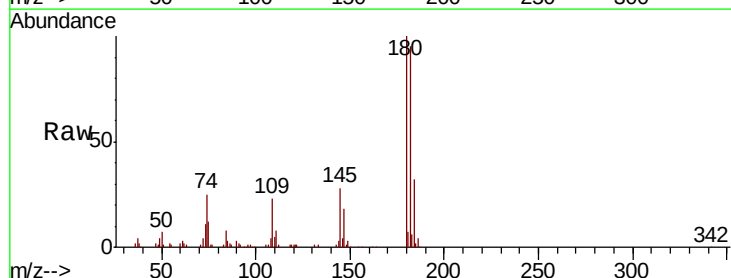
Tgt Ion:180 Resp: 118881

Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

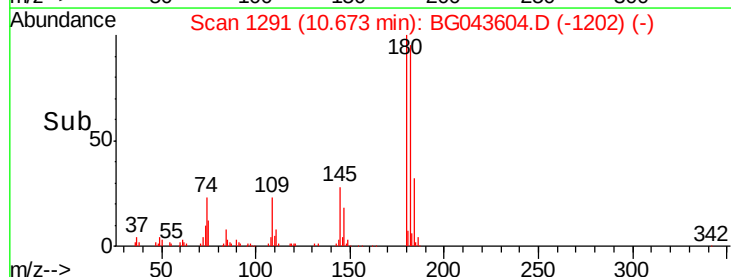
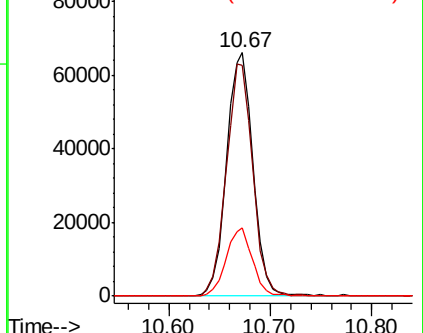
145 27.8 23.9 35.9

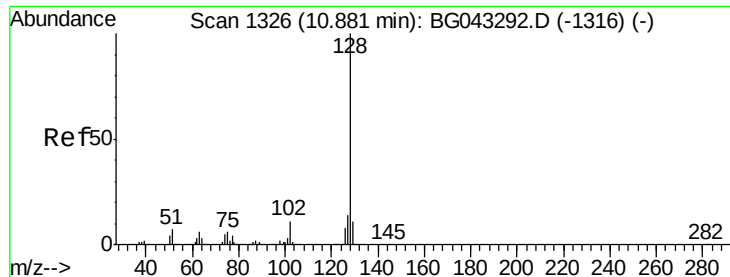


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

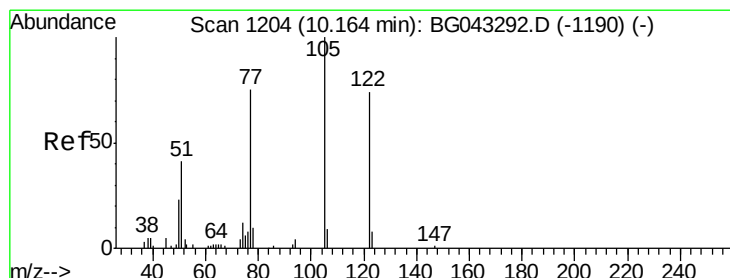
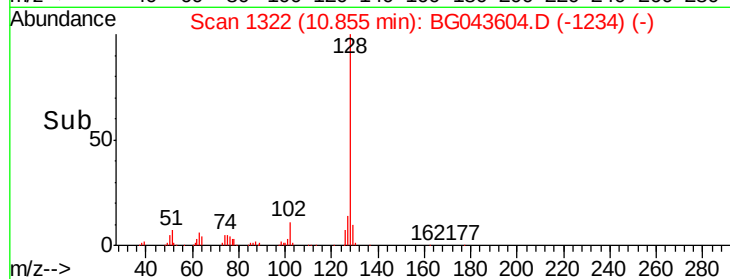
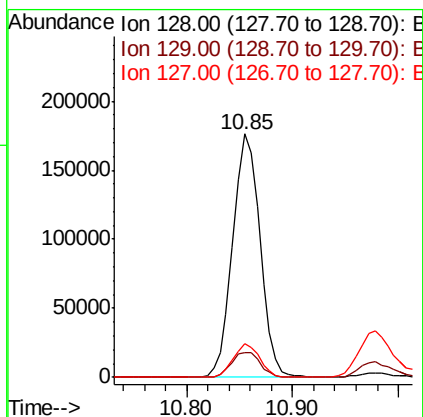
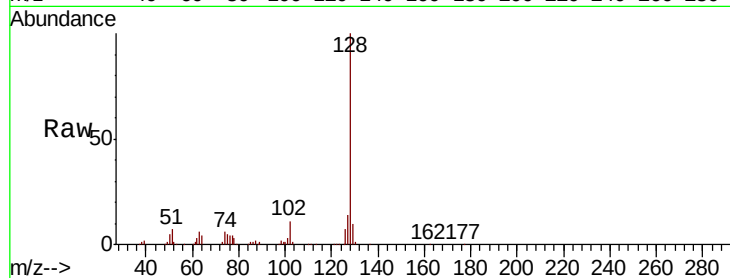




#31
Naphthalene
Concen: 44.452 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

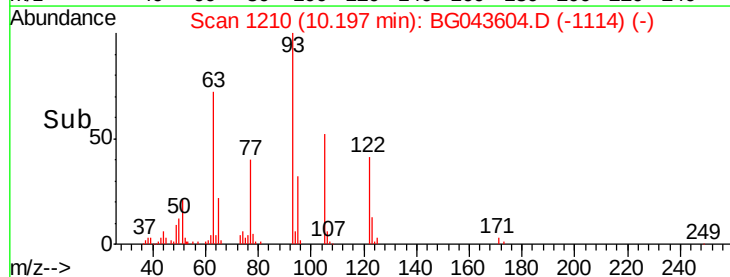
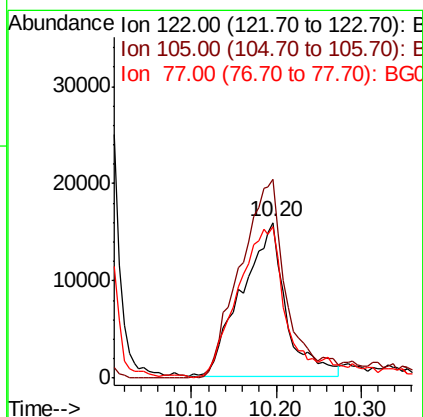
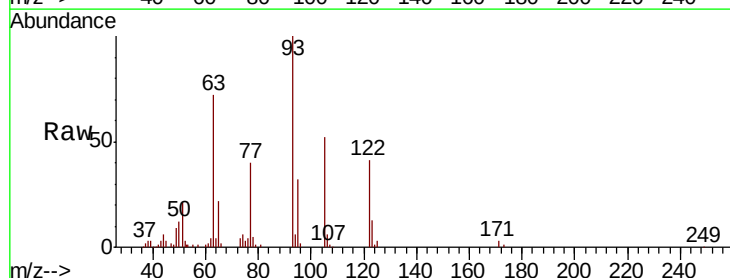
Instrument :
BNA_G
ClientSampleId :

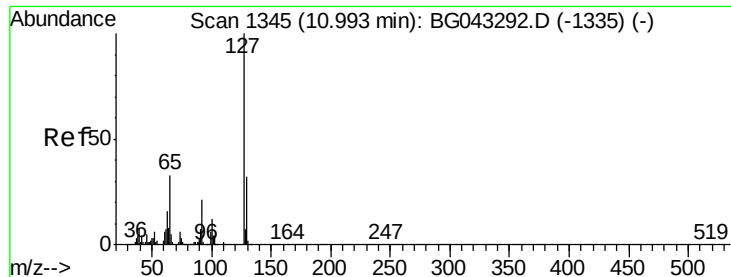
Tot Ion:128 Resp: 316000
Ion Ratio Lower Upper
128 100
129 10.3 9.4 14.0
127 14.0 11.1 16.7



#32
Benzoic acid
Concen: 42.867 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.03 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion:122 Resp: 56981
Ion Ratio Lower Upper
122 100
105 128.1 103.3 143.3
77 97.8 84.9 124.9

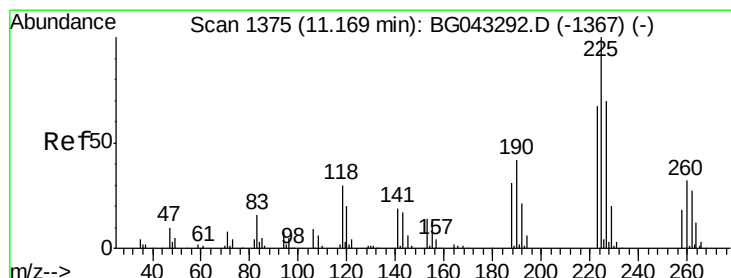
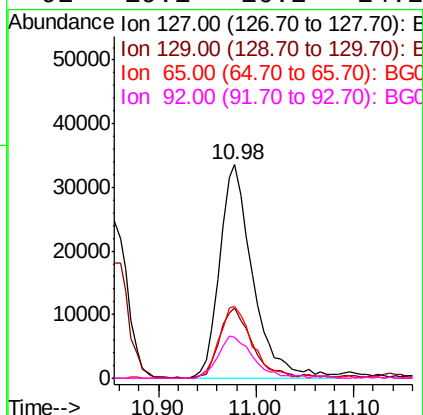
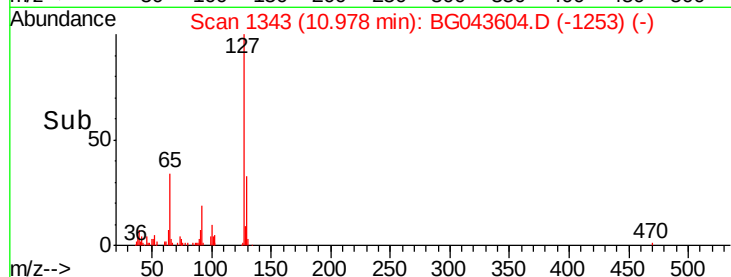
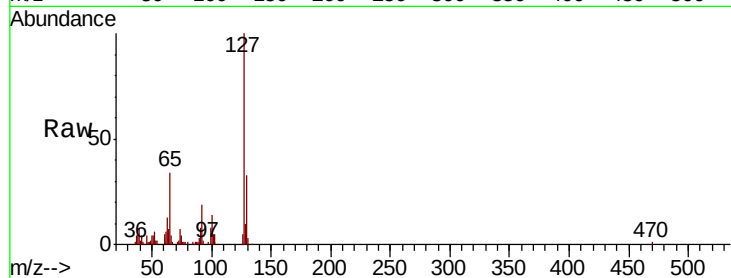




#33
4-Chloroaniline
Concen: 27.275 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

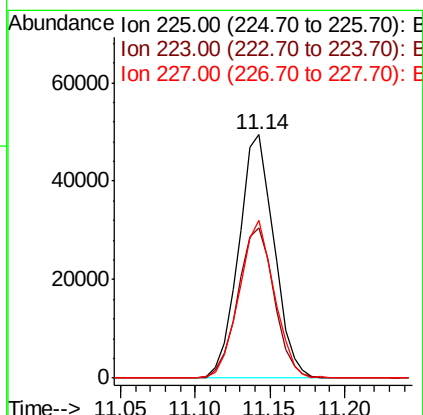
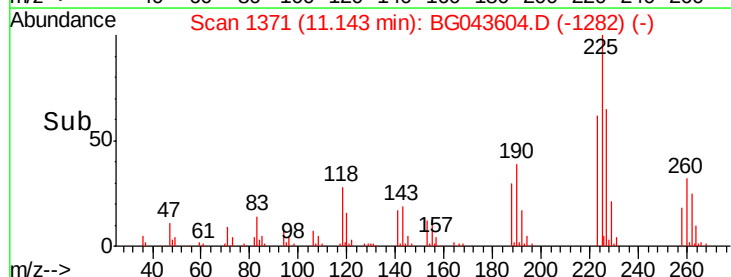
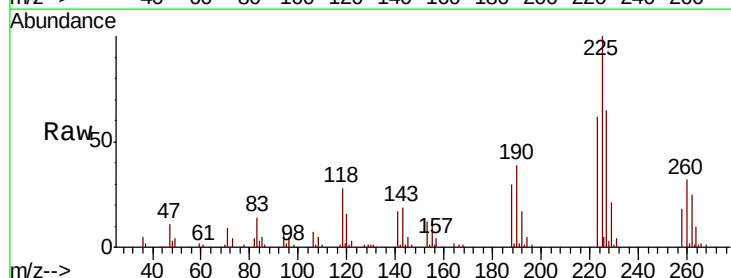
Instrument :
BNA_G
ClientSampleId :

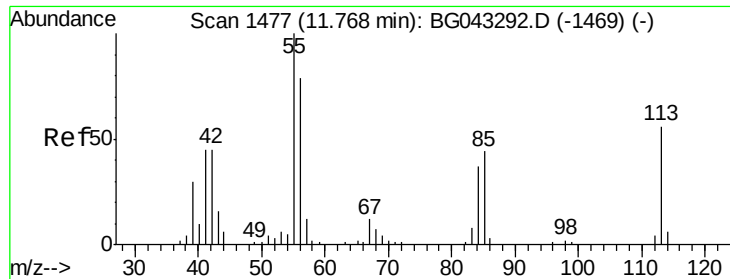
Tot Ion:	127	Resp:	79479
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.5	39.7
65	33.8	26.4	39.6
92	19.1	16.2	24.2



#34
Hexachlorobutadiene
Concen: 37.901 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion:	225	Resp:	81018
Ion	Ratio	Lower	Upper
225	100		
223	61.8	52.7	79.1
227	64.9	54.8	82.2





#35

Caprolactam

Concen: 24.498 ng

RT: 11.75 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampled :

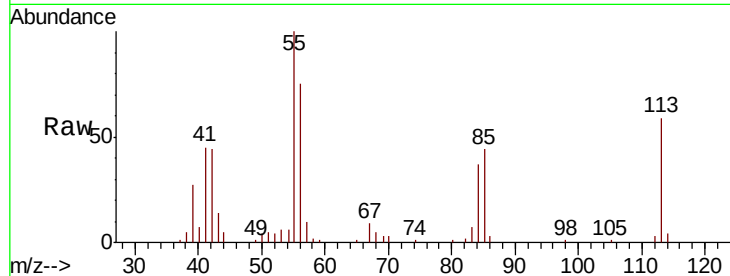
Tot Ion:113 Resp: 19358

Ion Ratio Lower Upper

113 100

55 168.9 134.1 174.1

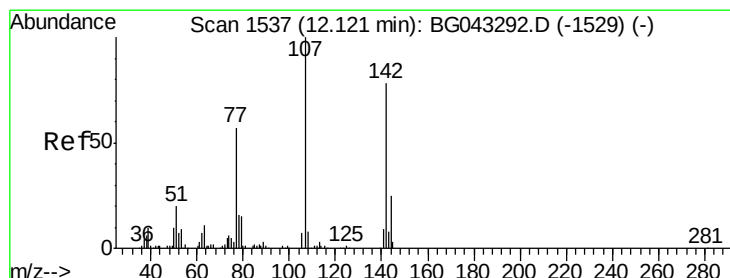
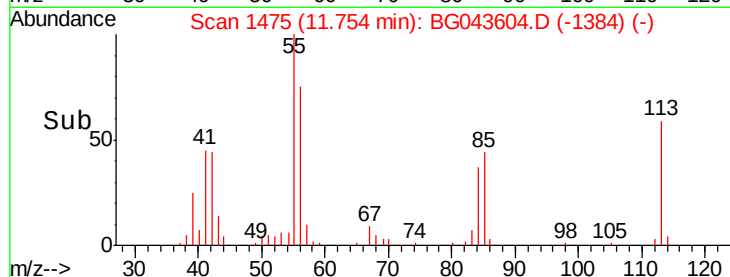
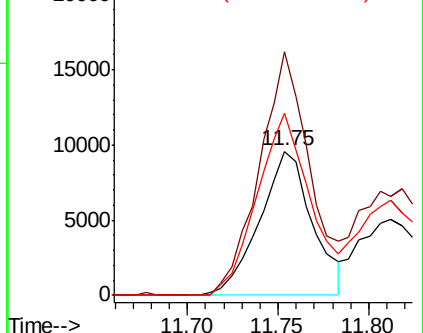
56 126.3 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 52.160 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

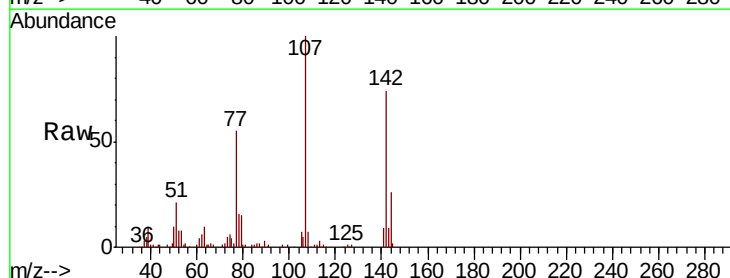
Tgt Ion:107 Resp: 130537

Ion Ratio Lower Upper

107 100

144 25.9 20.9 31.3

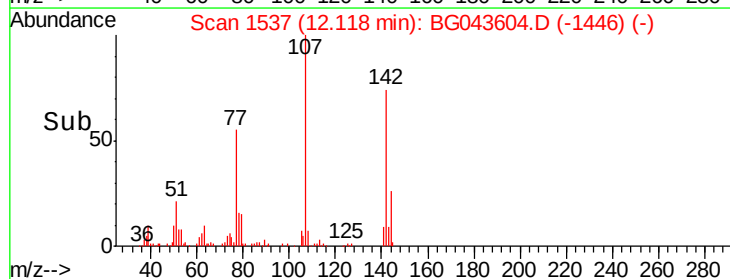
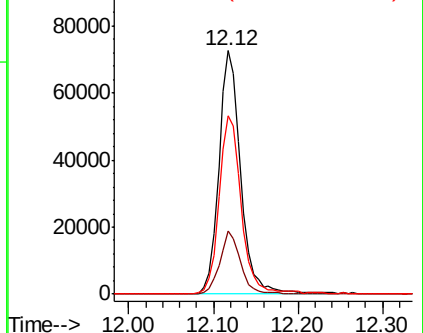
142 73.5 59.6 89.4

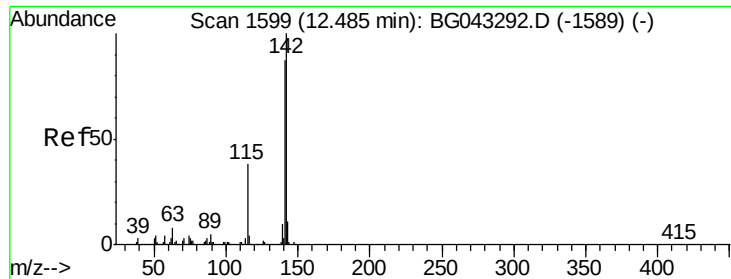


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

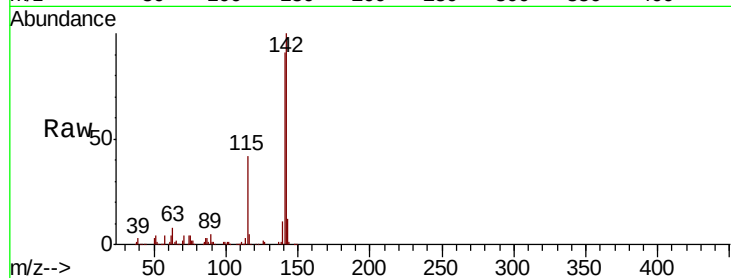




#37
 2-Methylnaphthalene
 Concen: 45.281 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.2	108.2
115	41.6	33.2	49.8

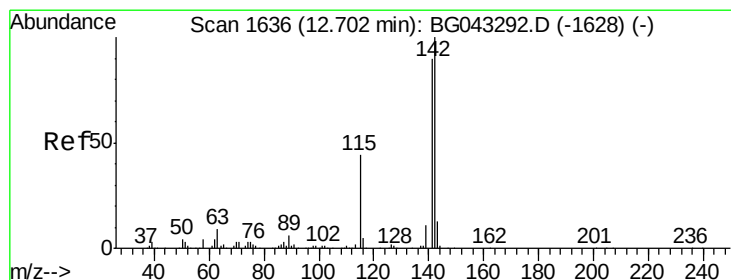
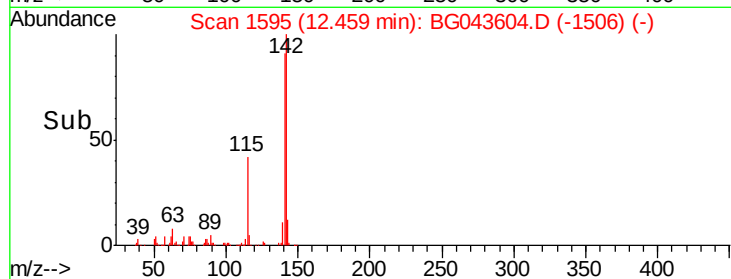
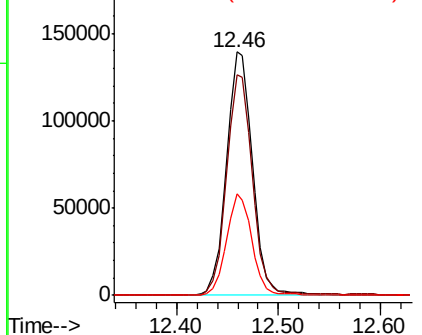


Abundance

Ion 142.00 (141.70 to 142.70): E

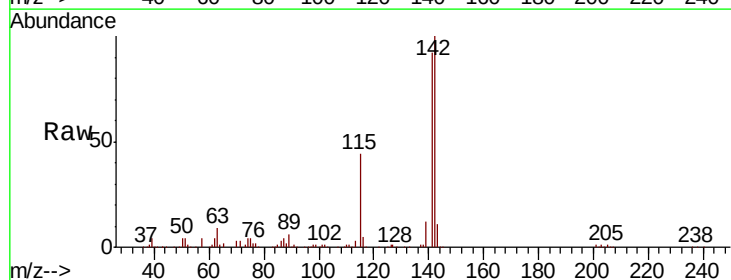
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 45.120 ng
 RT: 12.68 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.2	109.8
116	5.1	3.6	5.4

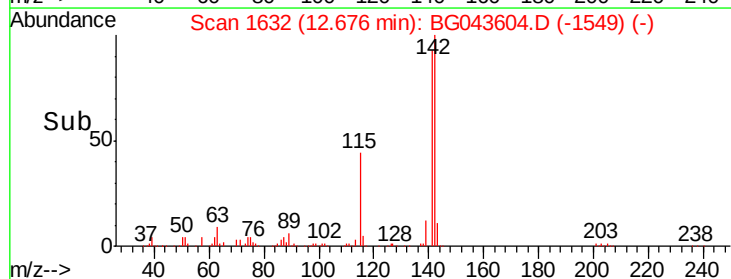
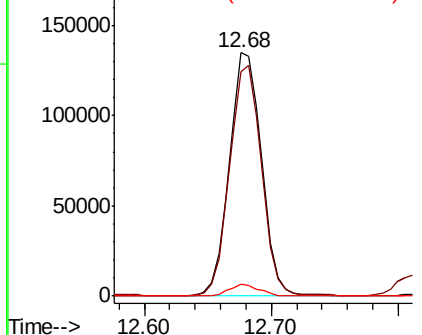


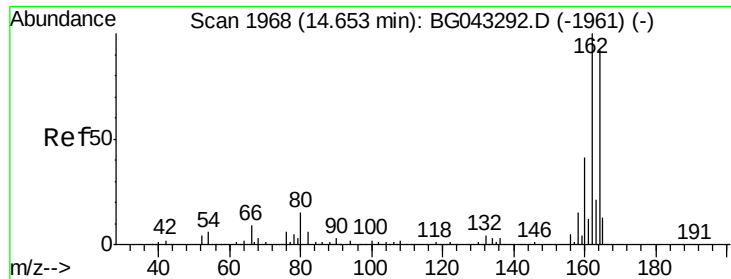
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

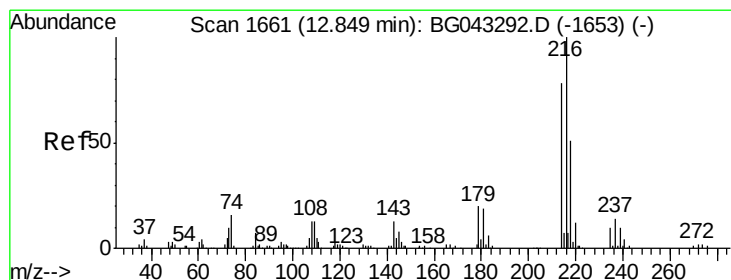
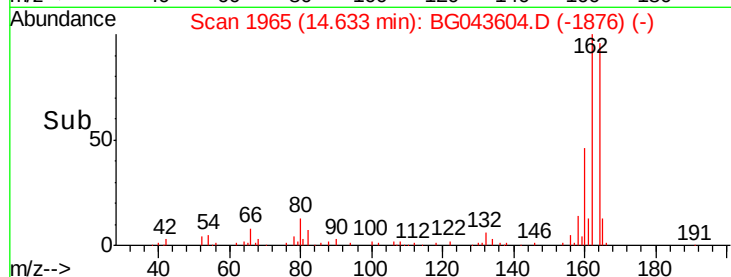
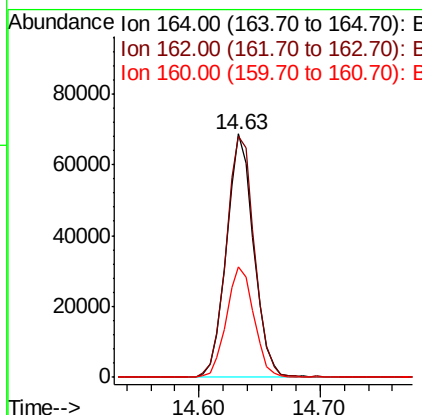
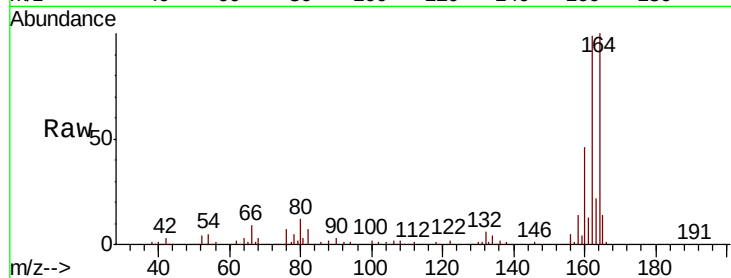




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

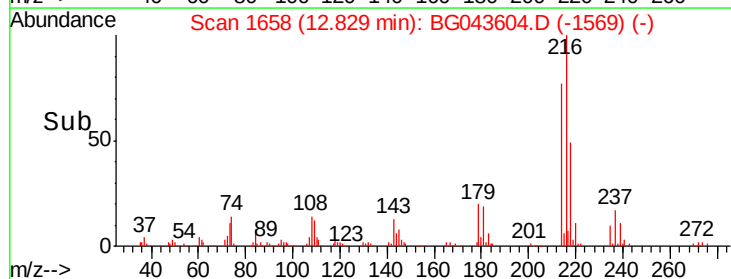
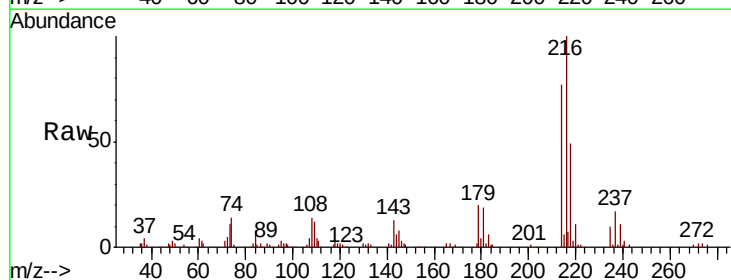
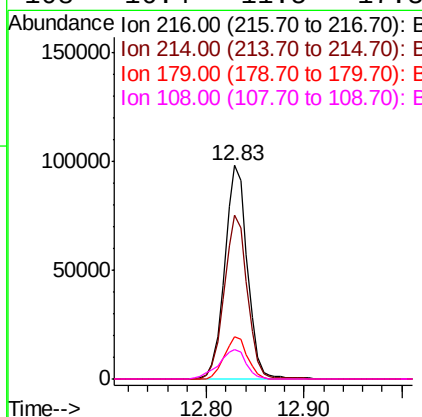
Instrument :
 BNA_G
 ClientSampleId :

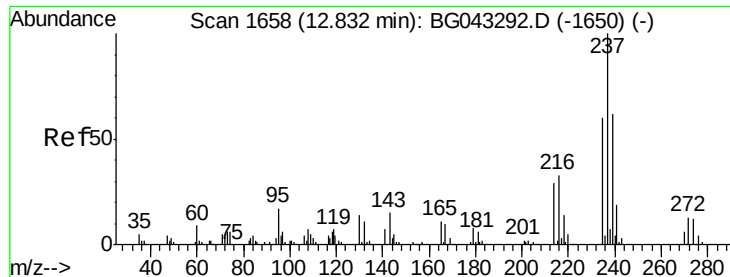
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	83.5	125.3
160	45.6	36.5	54.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.642 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.7	92.5
179	19.9	15.8	23.8
108	16.4	11.5	17.3

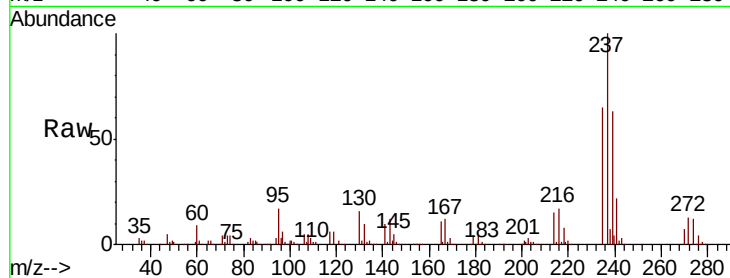




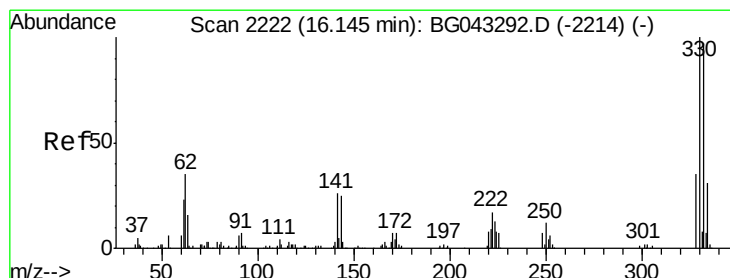
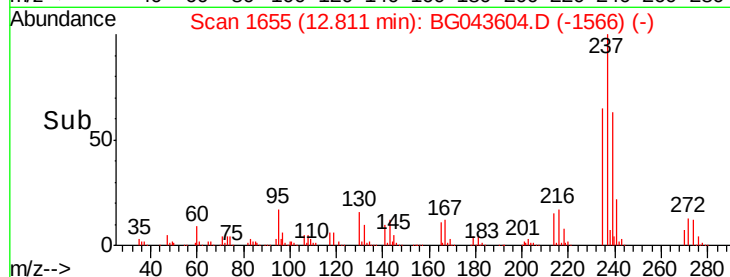
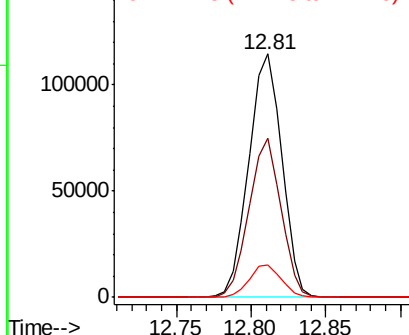
#41
Hexachlorocyclopentadiene
Concen: 84.380 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.3	41.6	81.6
272	13.2	0.0	32.5

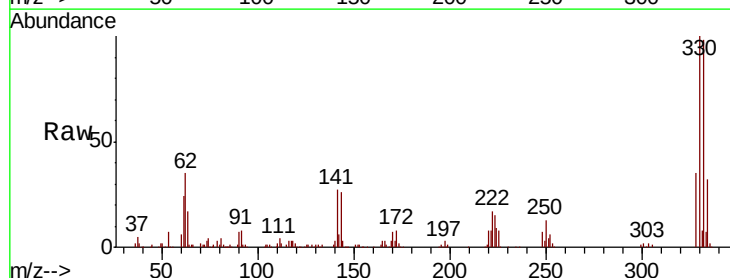


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

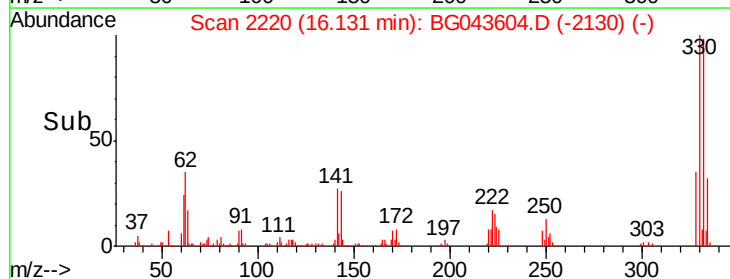
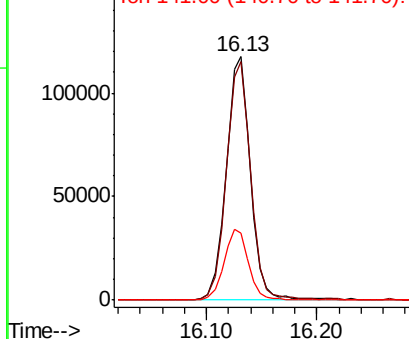


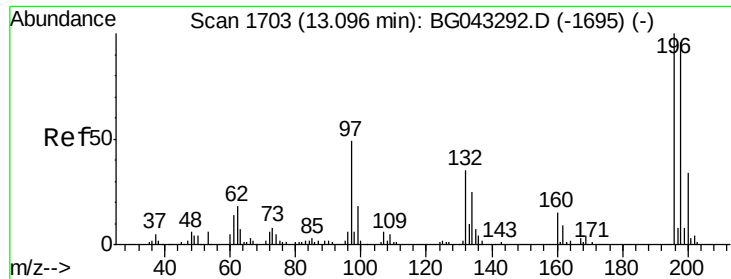
#42
2,4,6-Tribromophenol
Concen: 88.457 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.0
141	29.3	22.8	34.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

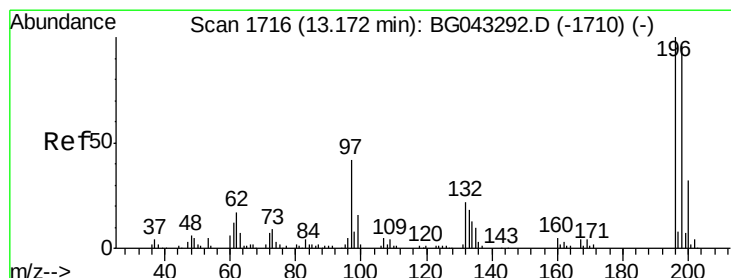
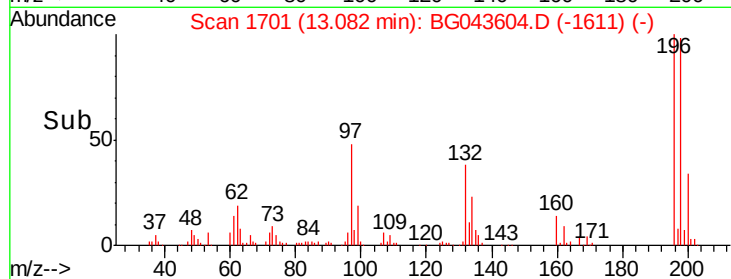
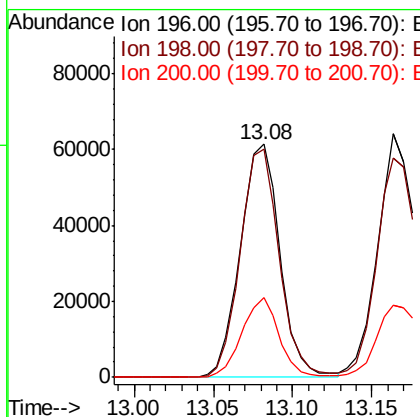
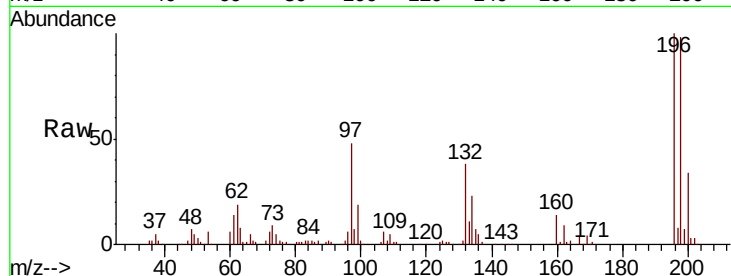




#43
 2,4,6-Trichlorophenol
 Concen: 45.873 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

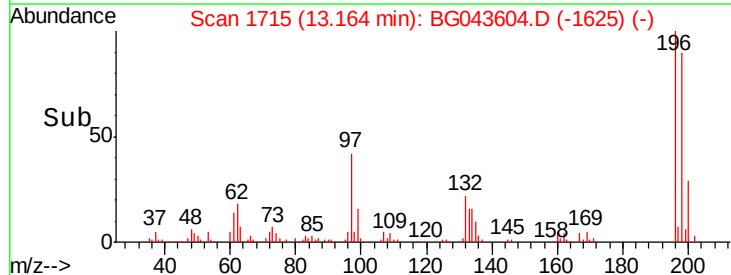
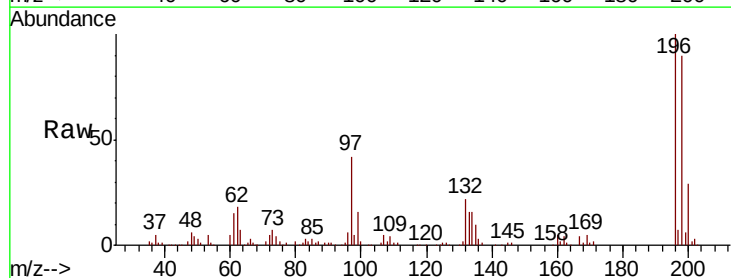
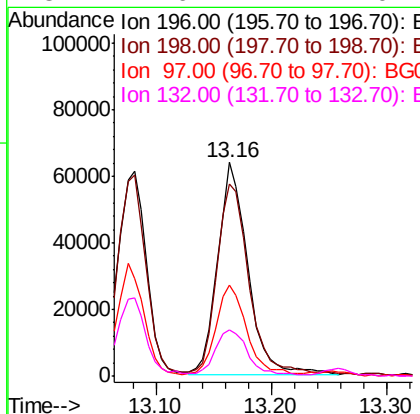
Instrument :
 BNA_G
 ClientSampleId :

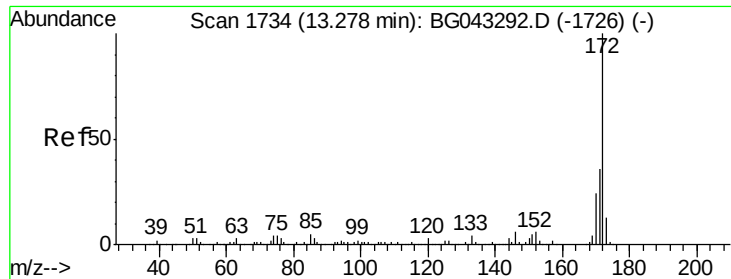
Tot Ion	196	Resp	107038
Ion Ratio	Lower	Upper	
196	100		
198	98.0	75.8	113.6
200	34.1	23.9	35.9



#44
 2,4,5-Trichlorophenol
 Concen: 49.086 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion	196	Resp	115793
Ion Ratio	Lower	Upper	
196	100		
198	89.8	74.5	111.7
97	42.3	36.3	54.5
132	21.6	17.4	26.2

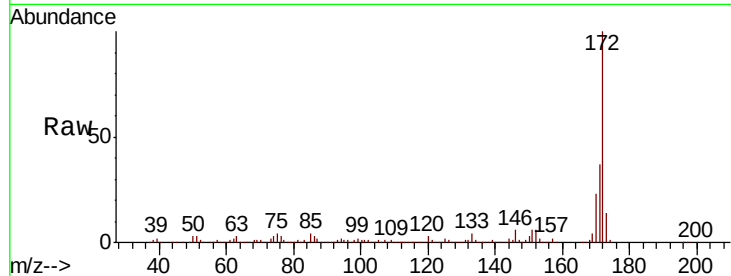




#45
 2-Fluorobiphenyl
 Concen: 86.027 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	23.1	18.5	27.7

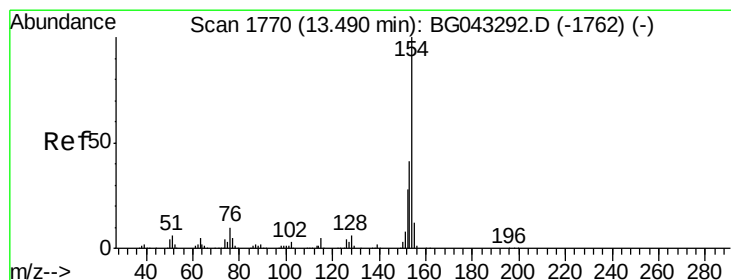
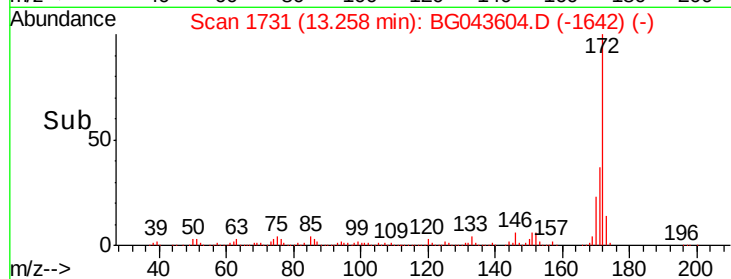
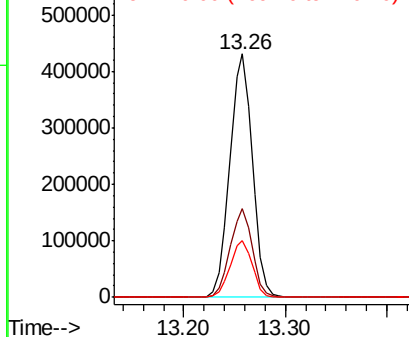


Abundance

Ion 172.00 (171.70 to 172.70): E

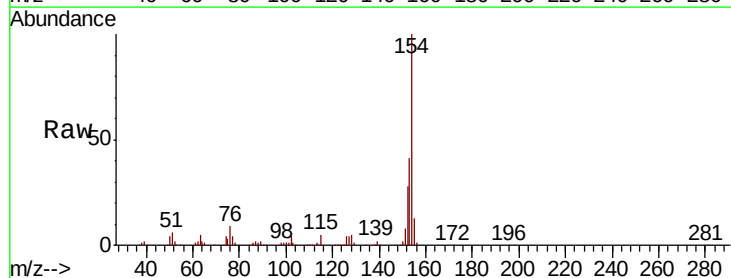
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 42.193 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.9	59.9
76	9.5	0.0	29.4

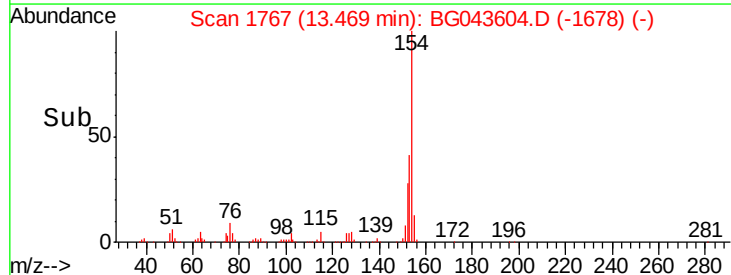
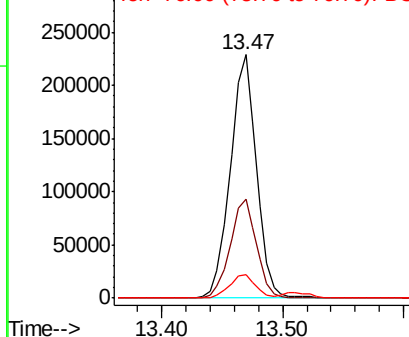


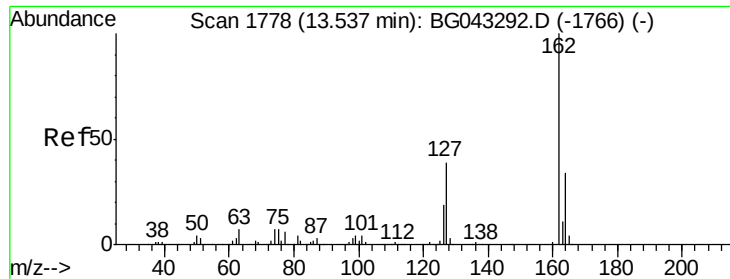
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

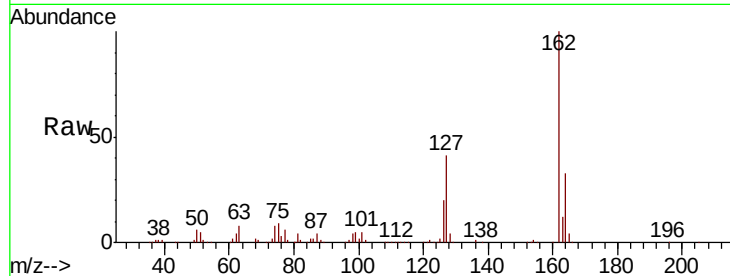




#47
2-Chloronaphthalene
Concen: 42.351 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.2	46.8
164	32.7	25.8	38.8

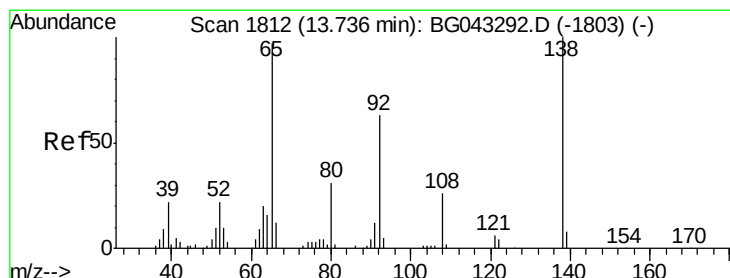
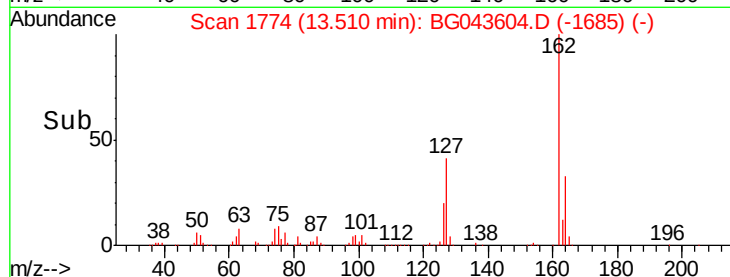
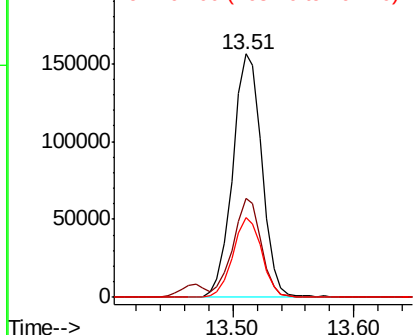


Abundance

Ion 162.00 (161.70 to 162.70): E

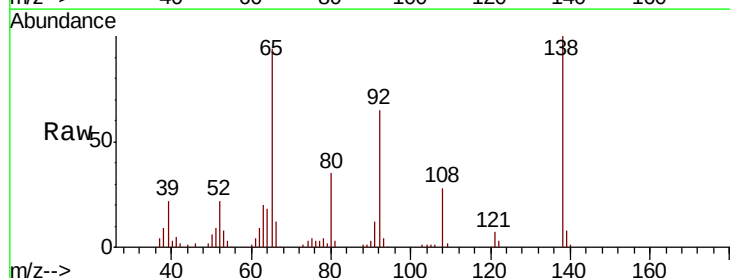
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 46.251 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	56.2	84.2
138	105.8	82.6	123.8

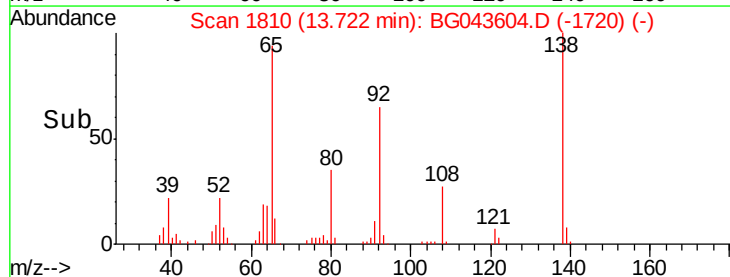
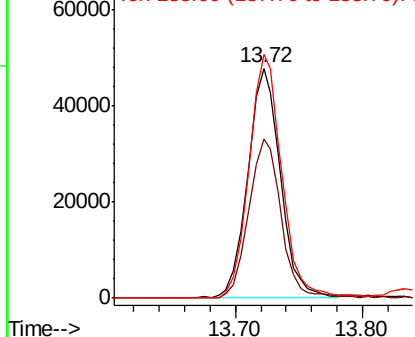


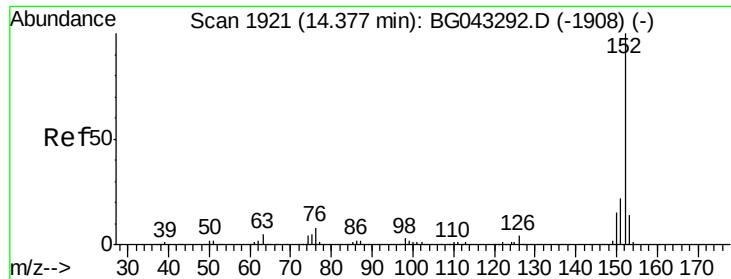
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.904 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

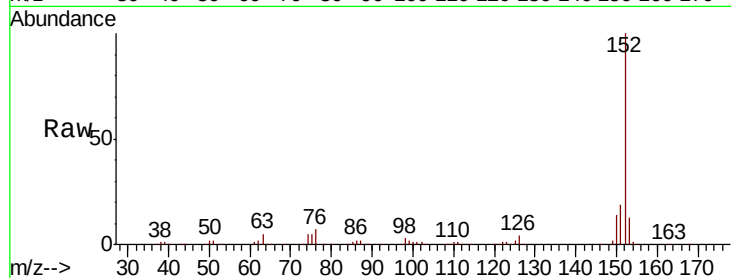
Tot Ion:152 Resp: 442736

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.4

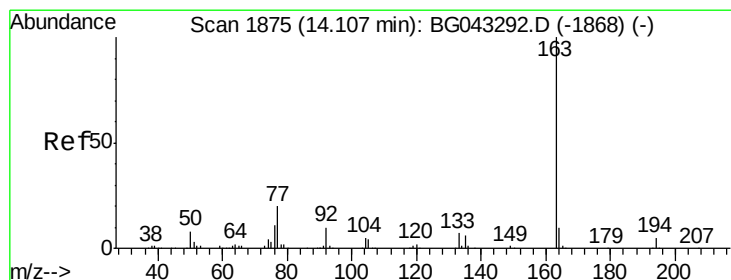
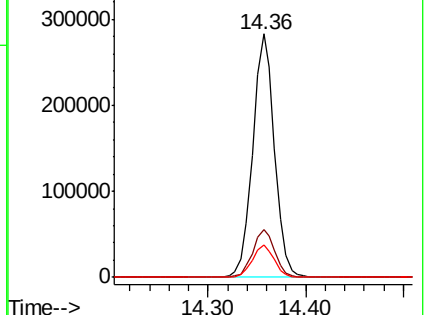
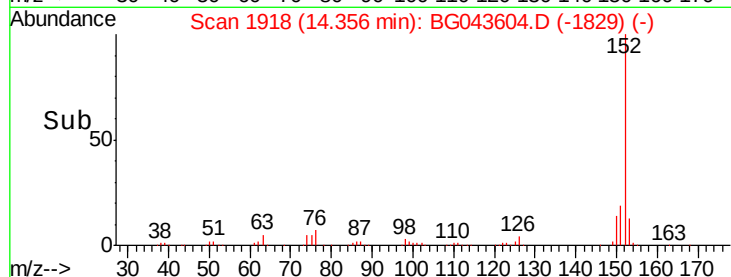
153 13.3 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.426 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

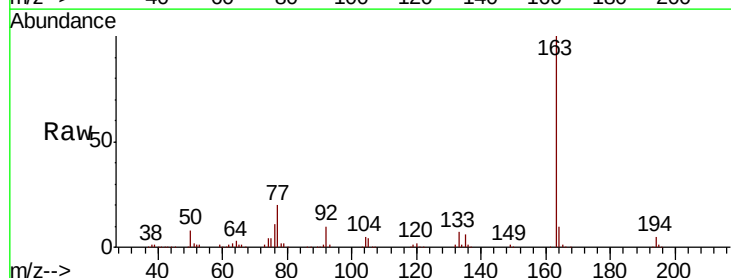
Tgt Ion:163 Resp: 368410

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

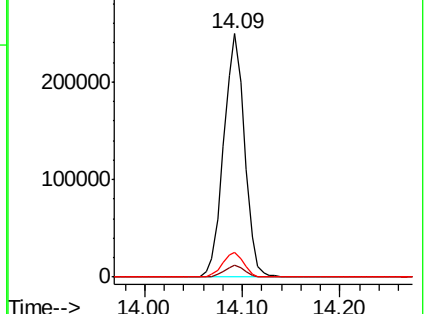
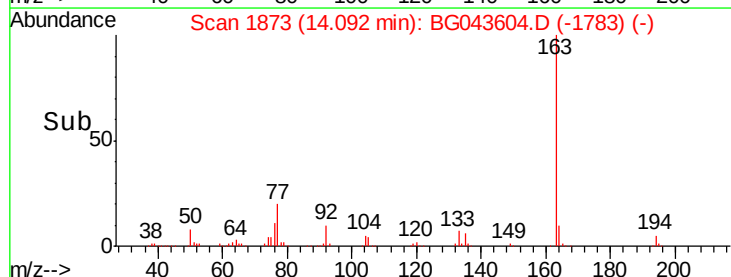
164 10.3 8.9 13.3

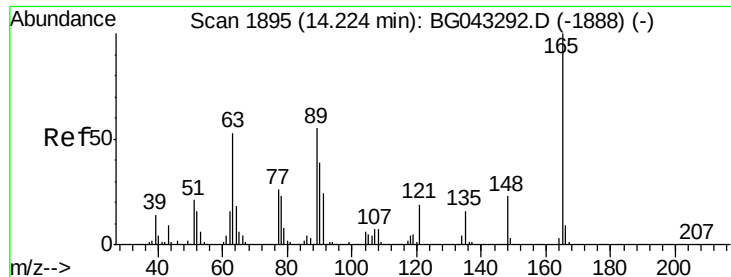


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.500 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

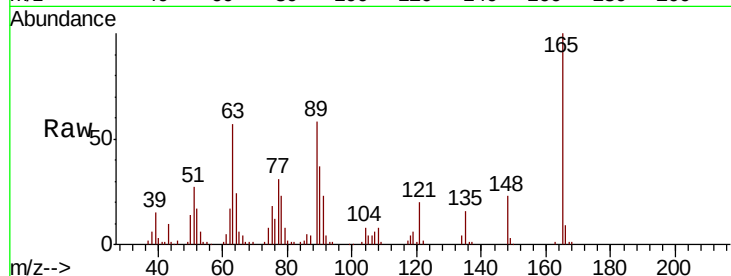
Tot Ion:165 Resp: 85574

Ion Ratio Lower Upper

165 100

63 57.0 46.6 69.8

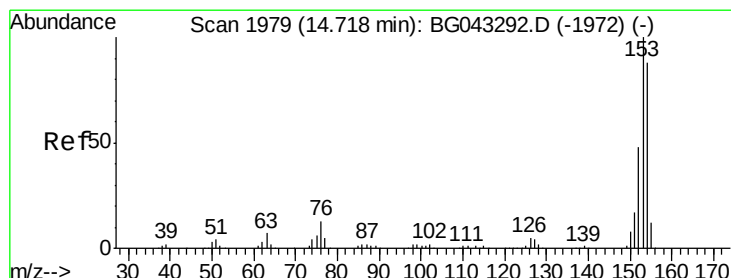
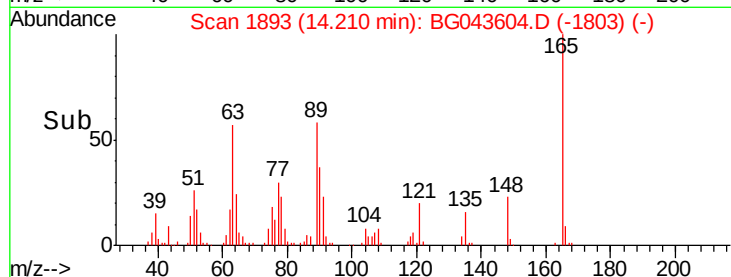
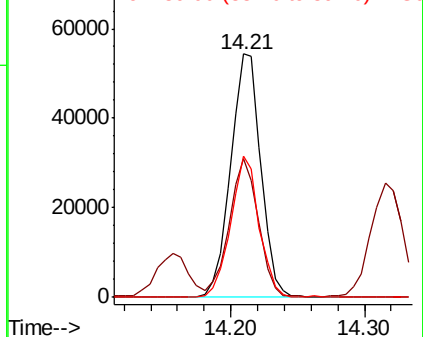
89 58.2 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 44.309 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

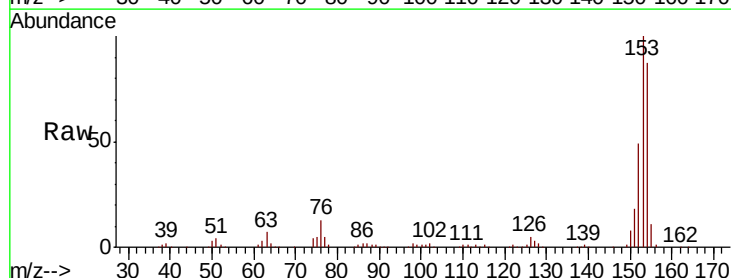
Tgt Ion:154 Resp: 260609

Ion Ratio Lower Upper

154 100

153 114.5 88.2 132.2

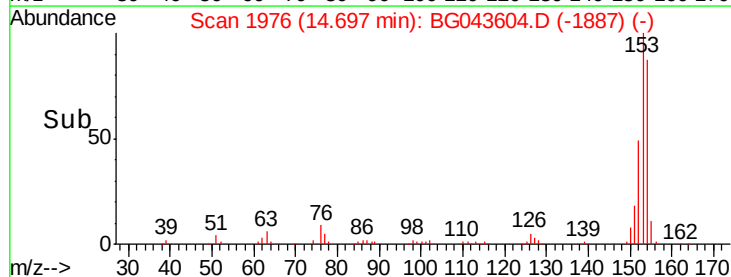
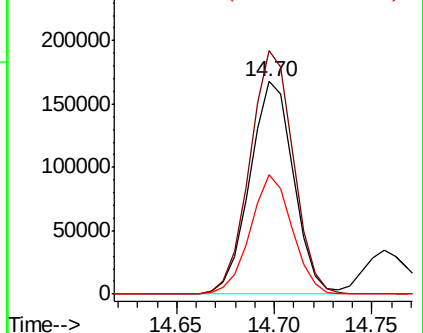
152 56.0 40.0 60.0

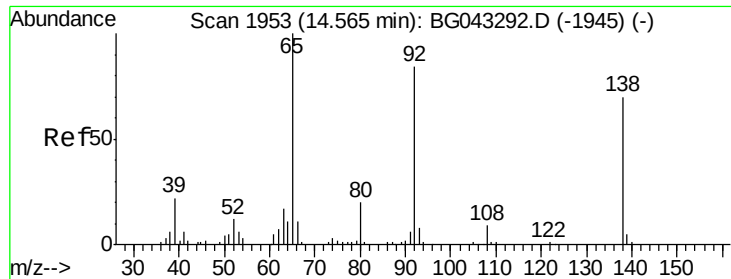


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

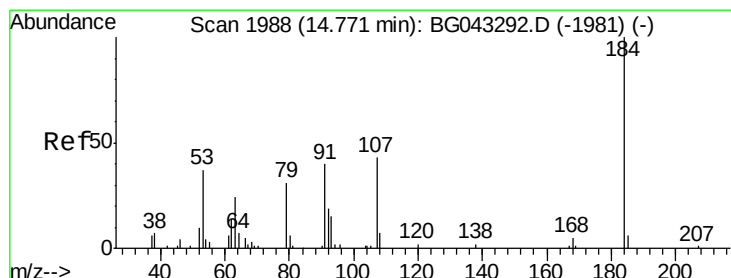
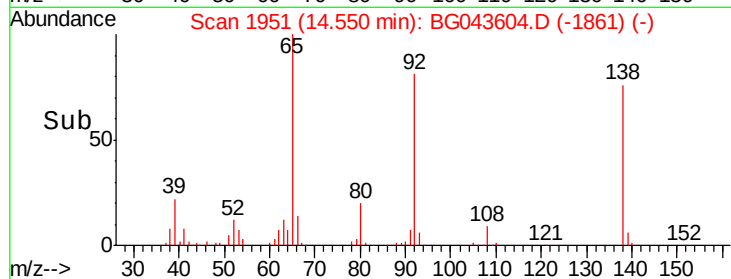
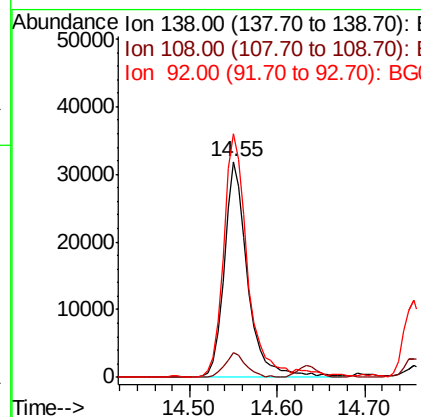
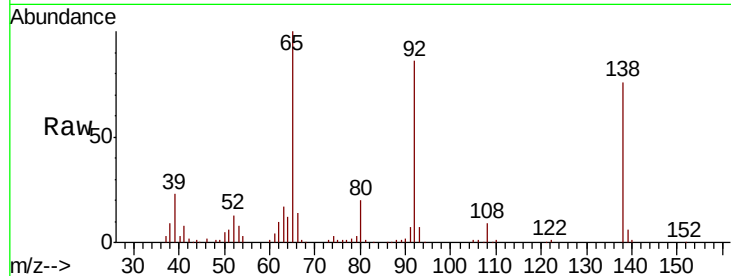




#53
 3-Nitroaniline
 Concen: 33.782 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

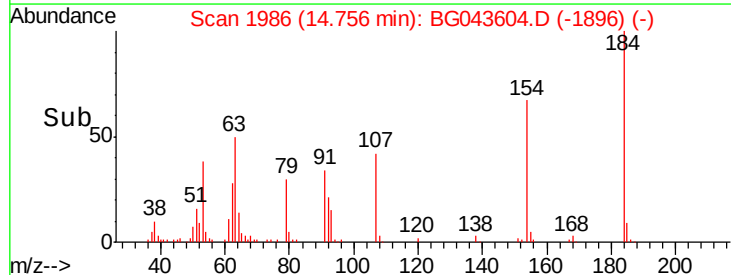
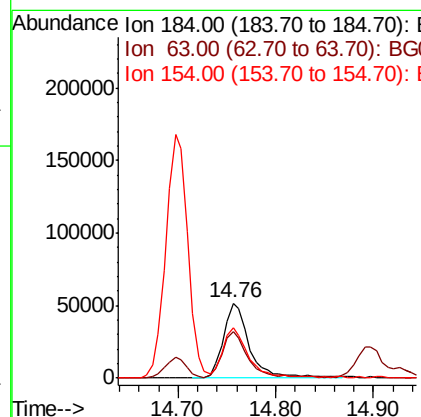
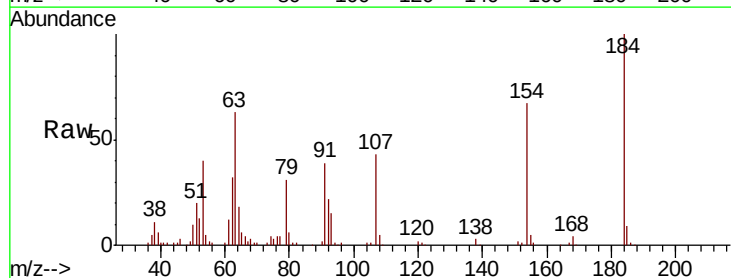
Instrument :
 BNA_G
 ClientSampleId :

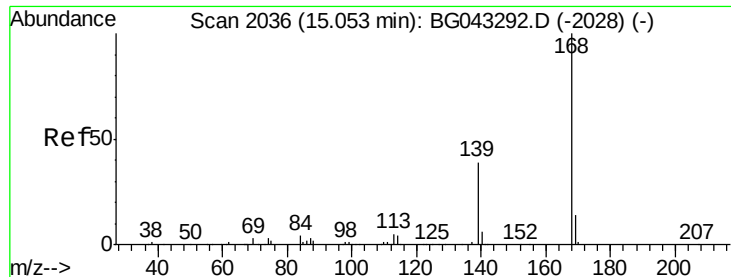
Tot Ion:138 Resp: 58759
 Ion Ratio Lower Upper
 138 100
 108 11.4 8.0 12.0
 92 112.8 90.9 136.3



#54
 2,4-Dinitrophenol
 Concen: 84.681 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion:184 Resp: 95792
 Ion Ratio Lower Upper
 184 100
 63 62.5 51.3 76.9
 154 67.5 55.4 83.0

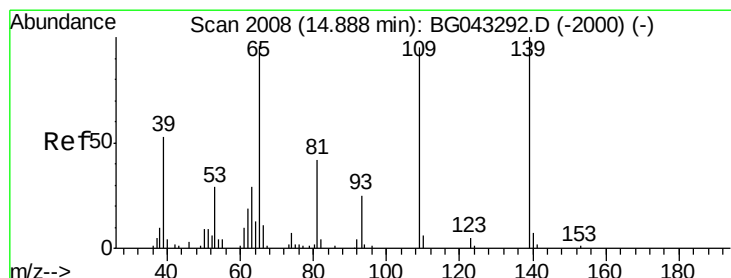
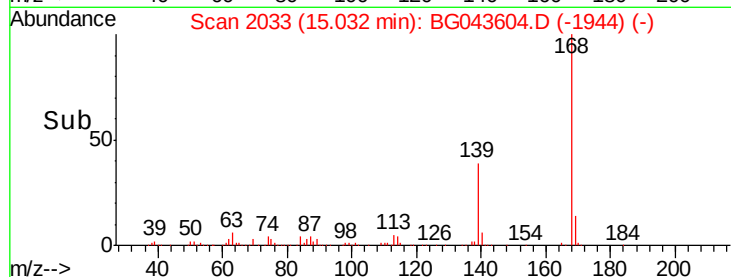
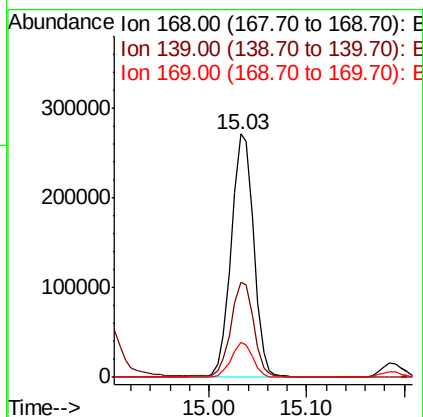
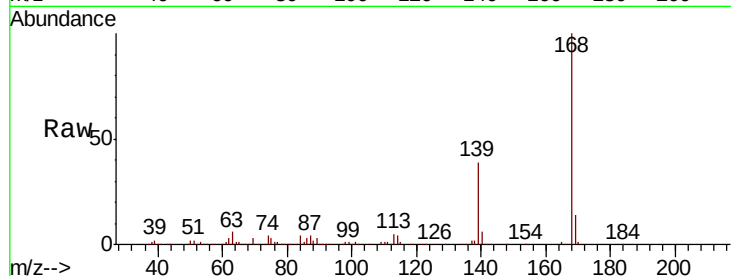




#55
Dibenzofuran
Concen: 45.575 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

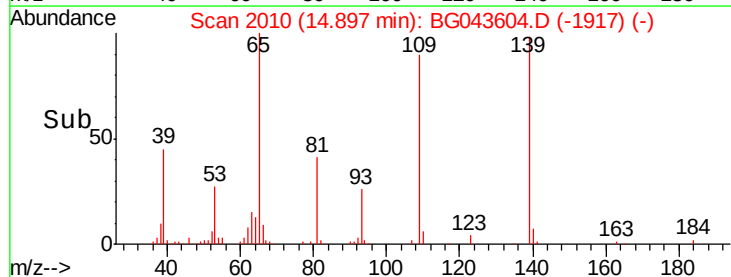
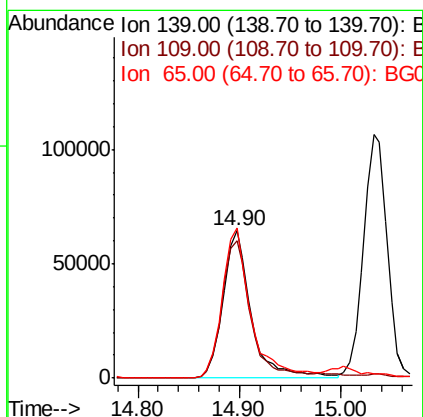
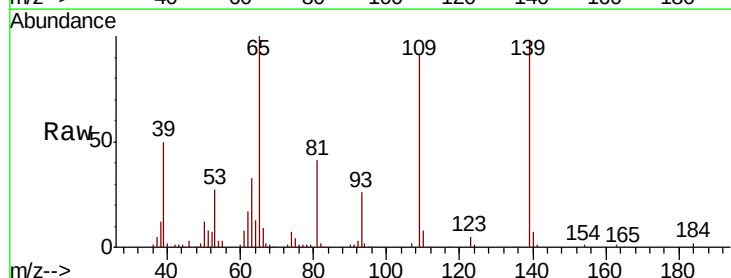
Instrument :
BNA_G
ClientSampleId :

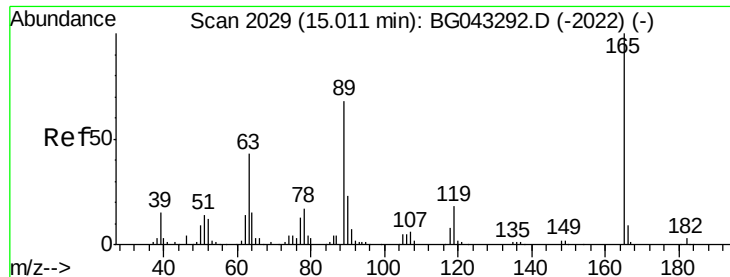
Tot Ion:168 Resp: 434702
Ion Ratio Lower Upper
168 100
139 39.2 31.0 46.6
169 14.2 11.7 17.5



#56
4-Nitrophenol
Concen: 106.567 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion:139 Resp: 124215
Ion Ratio Lower Upper
139 100
109 93.2 87.2 127.2
65 102.4 83.8 123.8

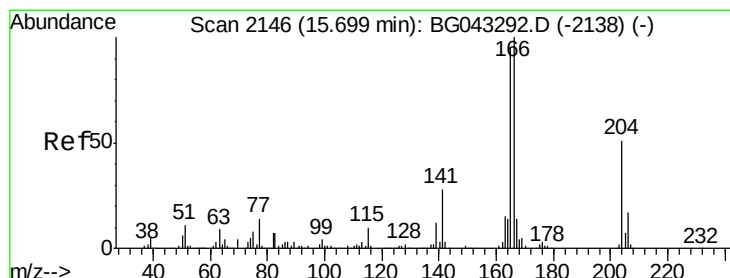
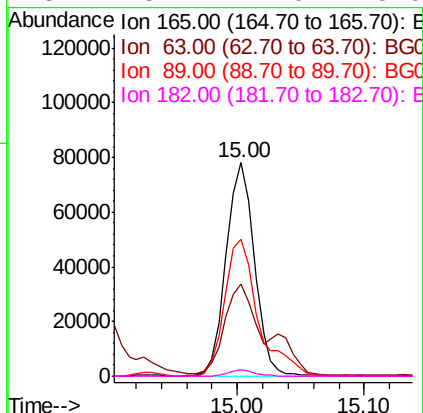
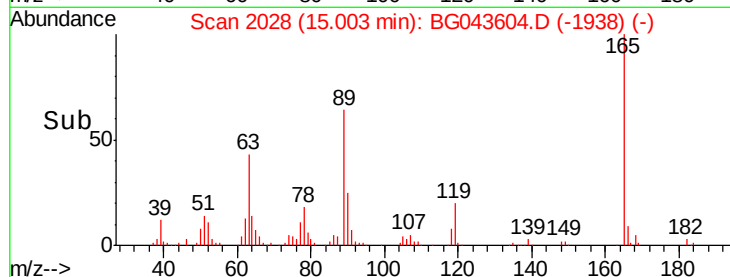
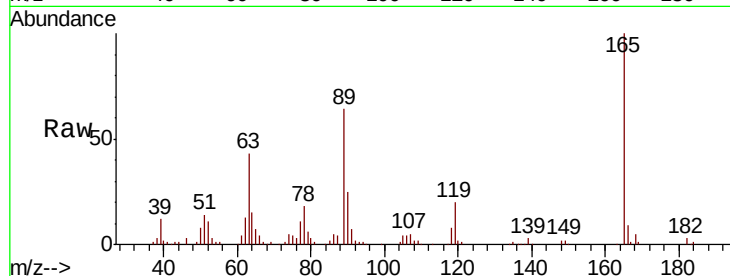




#57
2,4-Dinitrotoluene
Concen: 47.067 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

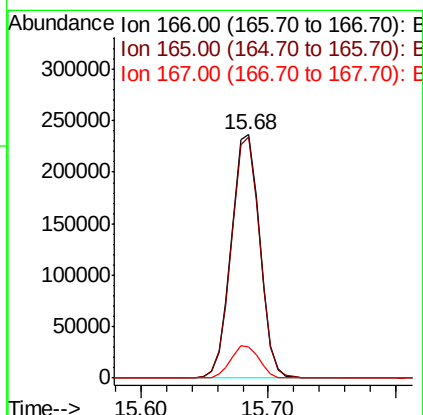
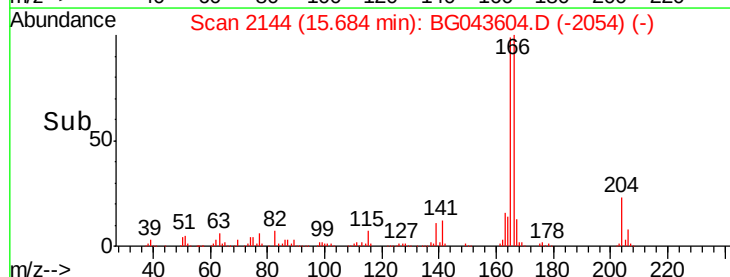
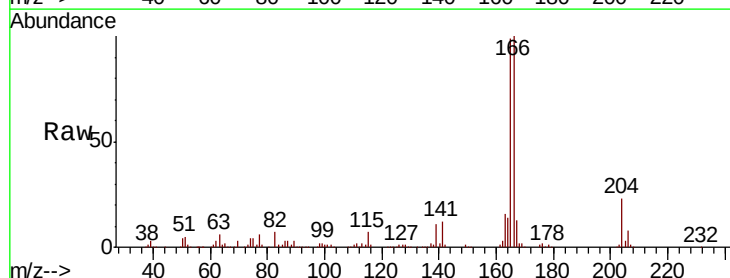
Instrument :
BNA_G
ClientSampled :

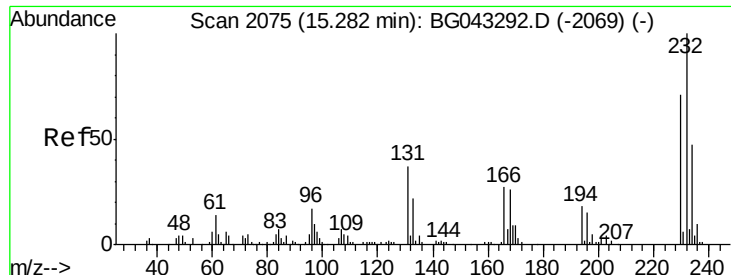
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	33.2	49.8
89	64.2	52.2	78.4
182	3.2	2.0	3.0#



#58
Fluorene
Concen: 45.804 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.6
167	13.0	10.5	15.7

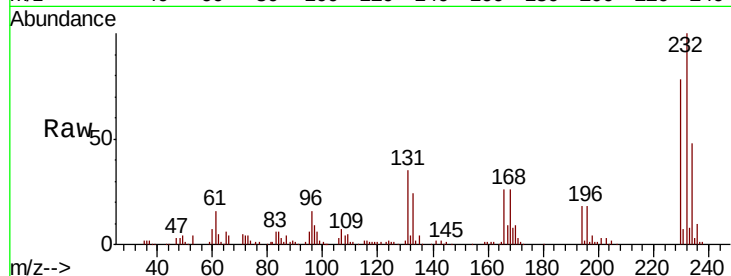




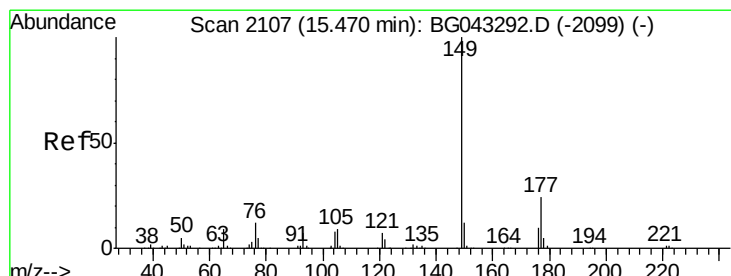
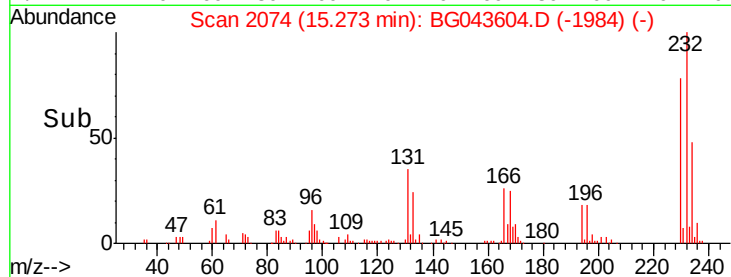
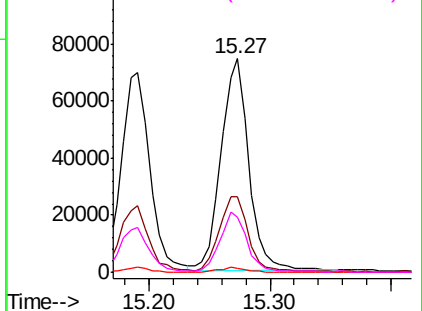
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.451 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	118926
Ion	Ratio	Lower	Upper
232	100		
131	36.1	26.9	40.3
130	2.2	1.8	2.6
166	26.9	20.9	31.3

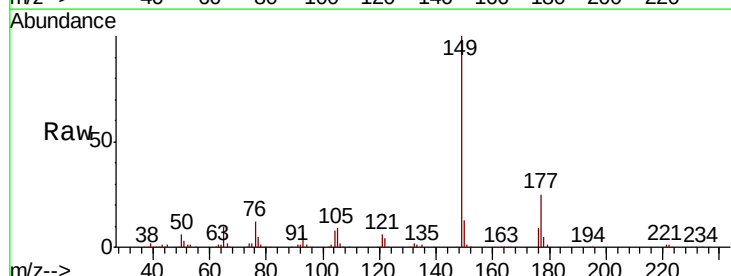


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

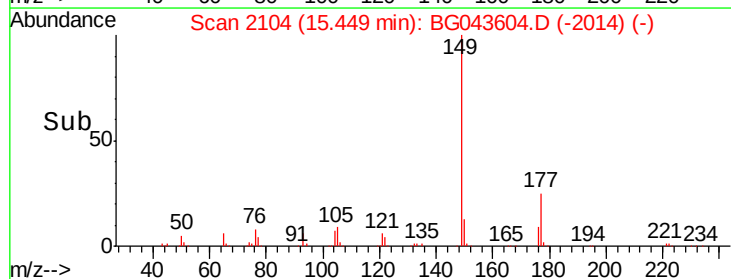
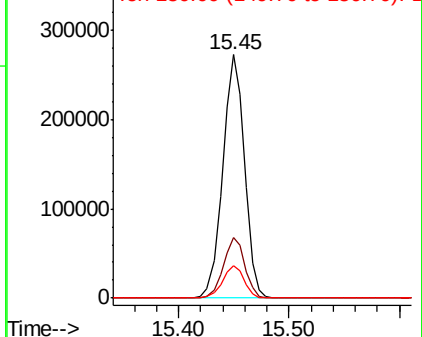


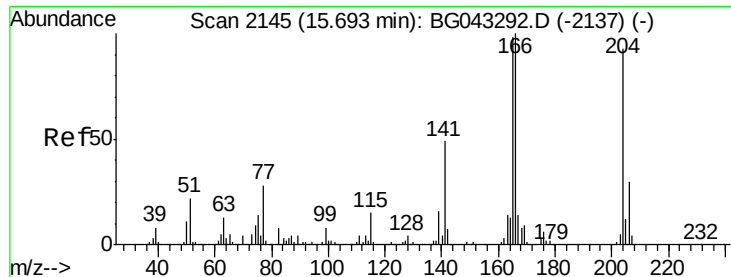
#60
 Diethylphthalate
 Concen: 44.956 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion:	149	Resp:	374583
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.6	29.4
150	13.3	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

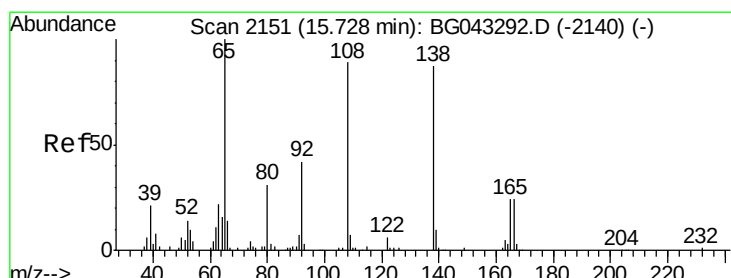
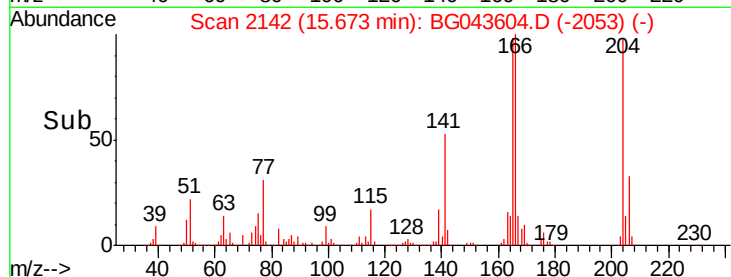
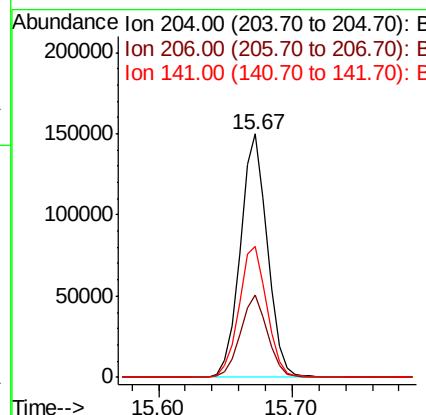
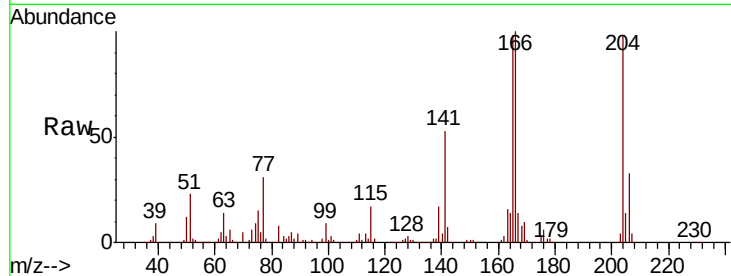




#61
 4-Chlorophenyl-phenylether
 Concen: 45.105 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

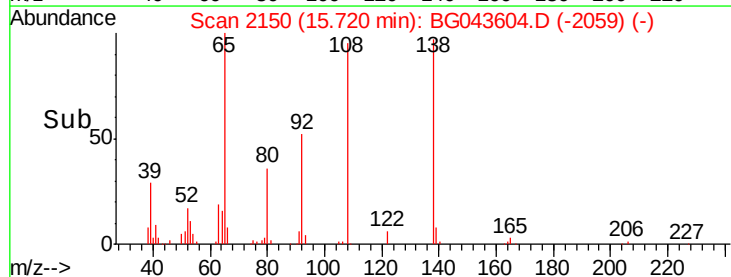
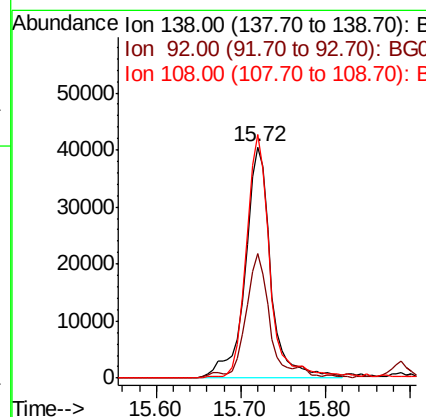
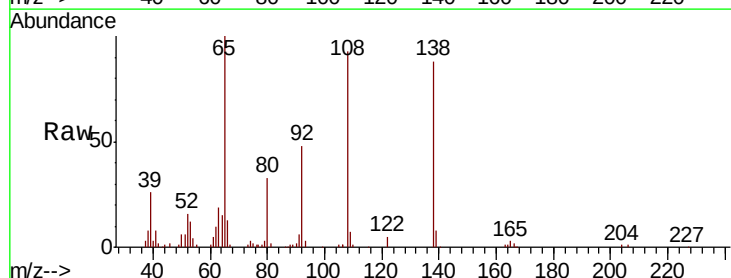
Instrument :
 BNA_G
 ClientSampled :

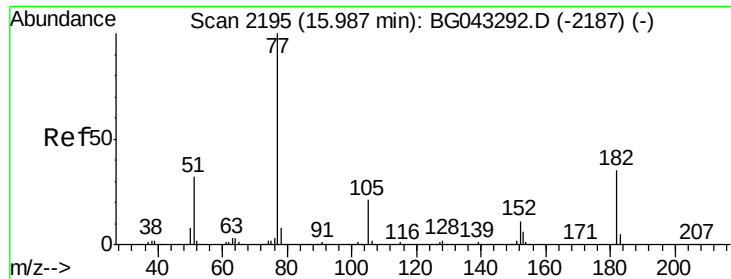
Tot Ion:204 Resp: 210497
 Ion Ratio Lower Upper
 204 100
 206 33.7 28.4 42.6
 141 53.9 43.0 64.6



#62
 4-Nitroaniline
 Concen: 47.289 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion:138 Resp: 84946
 Ion Ratio Lower Upper
 138 100
 92 54.1 33.4 73.4
 108 105.5 78.0 118.0

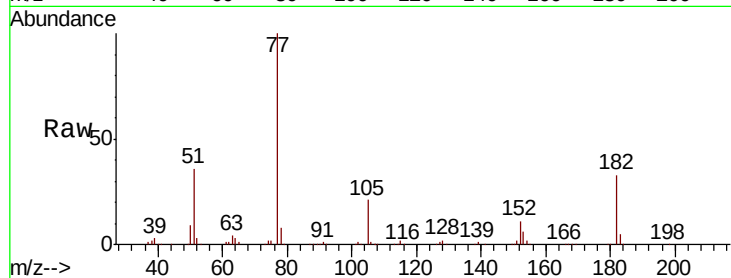




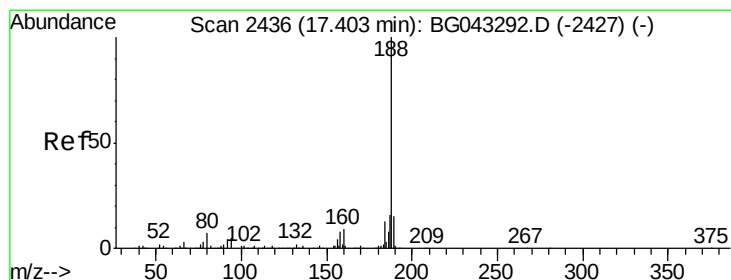
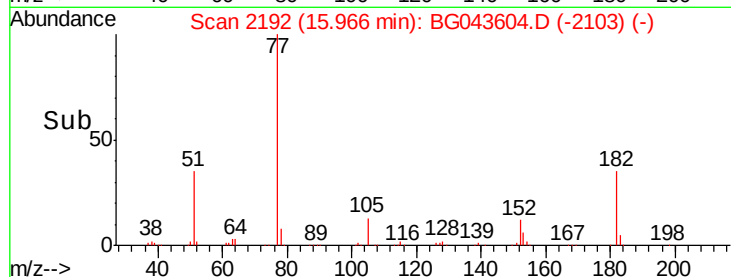
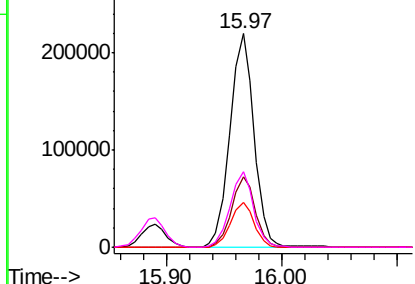
#63
Azobenzene
Concen: 46.703 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	314941
Ion	Ratio	Lower	Upper
77	100		
182	32.9	13.7	53.7
105	21.3	0.4	40.4
51	35.6	11.0	51.0

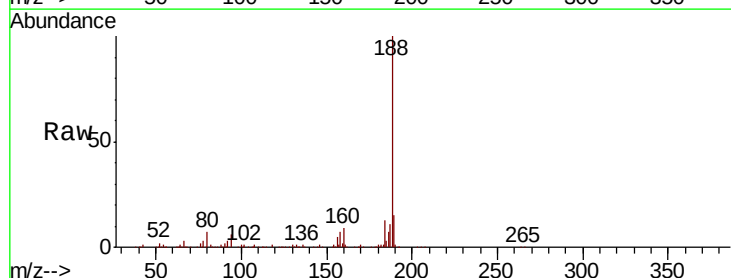


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

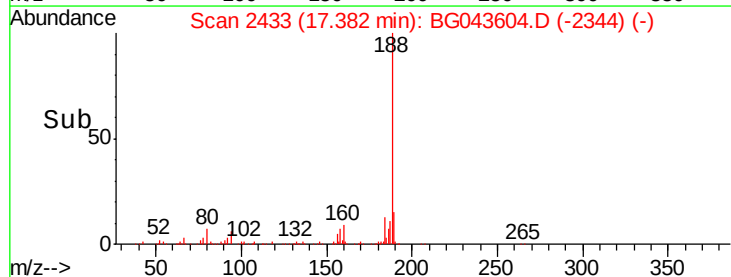
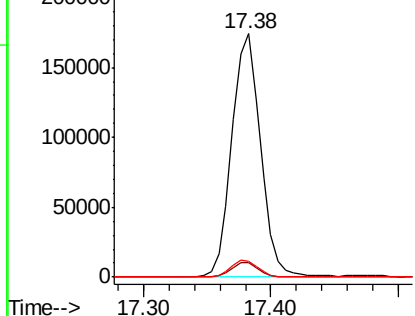


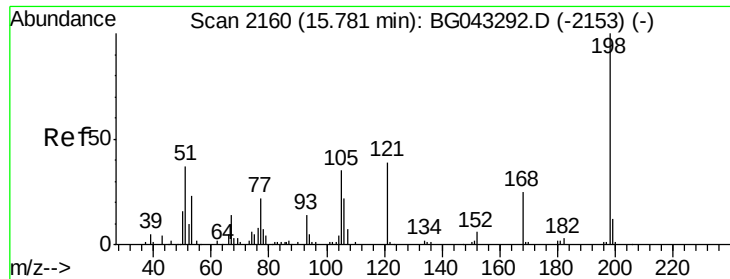
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion:	188	Resp:	273129
Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	6.6	4.5	6.7



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.467 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

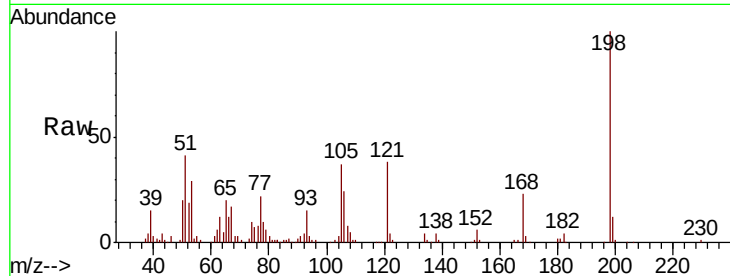
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 76297

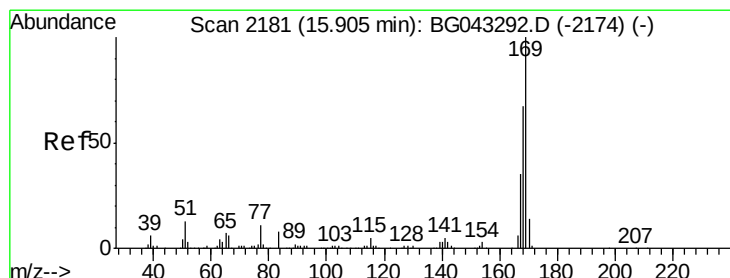
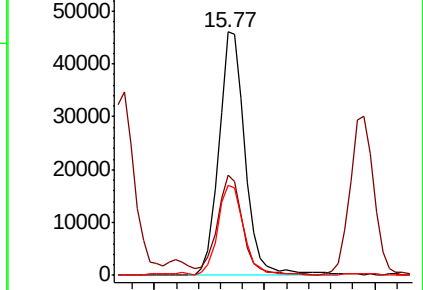
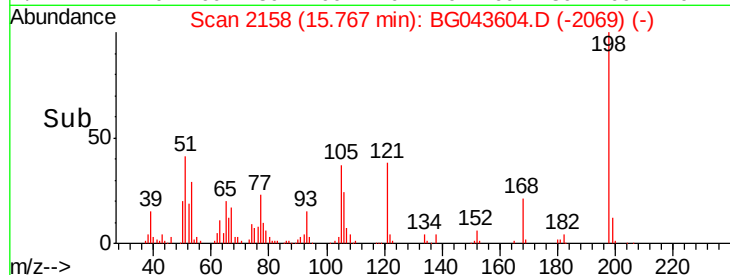
Ion	Ratio	Lower	Upper
198	100		
51	41.2	13.2	53.2
105	37.2	15.8	55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.421 ng

RT: 15.89 min Scan# 2179

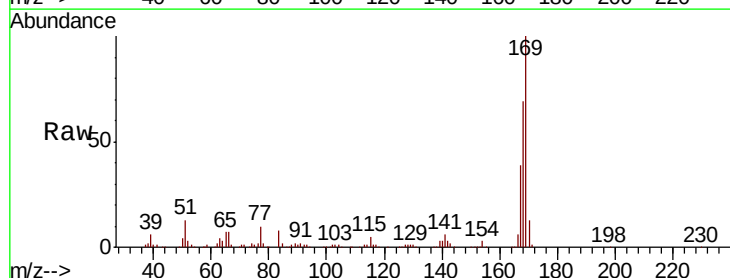
Delta R.T. -0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion:169 Resp: 334828

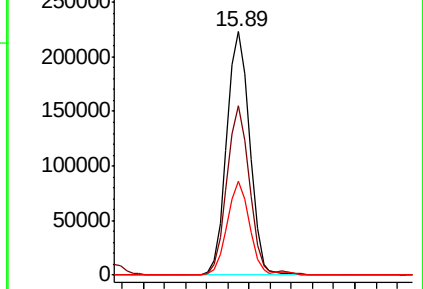
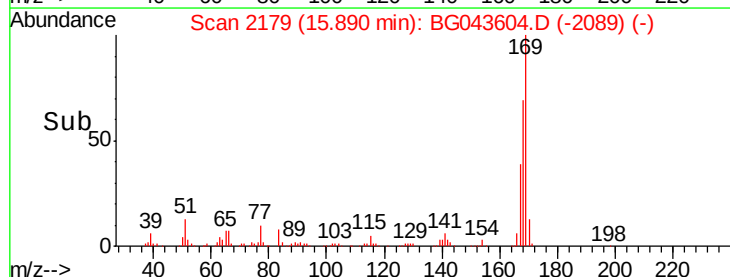
Ion	Ratio	Lower	Upper
169	100		
168	69.5	53.8	80.6
167	38.7	27.5	41.3

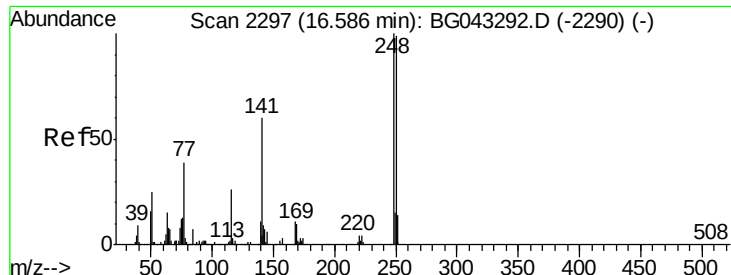


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

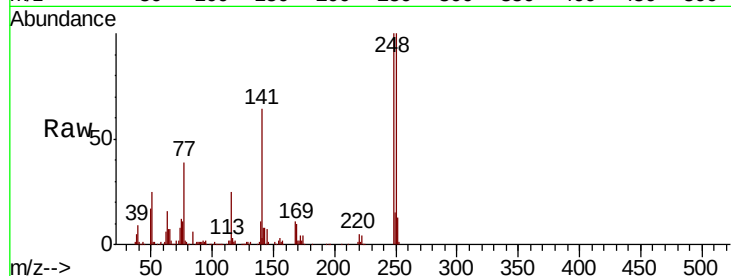




#67
4-Bromophenyl-phenylether
Concen: 41.483 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.0	115.4
141	63.6	47.5	71.3

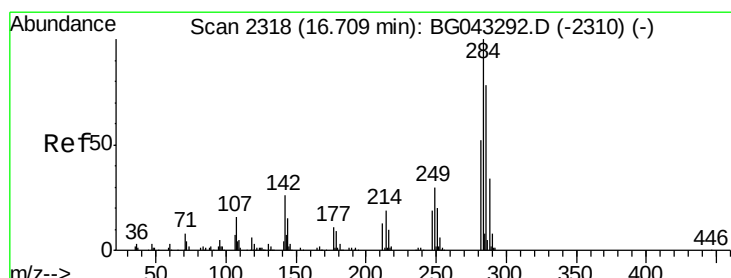
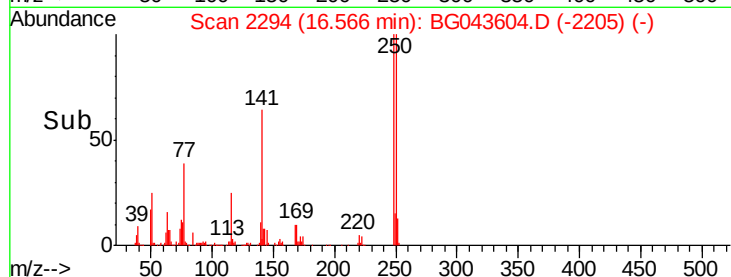
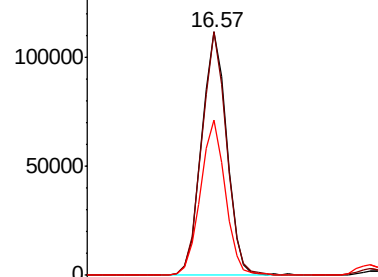


Abundance

Ion 248.00 (247.70 to 248.70): E

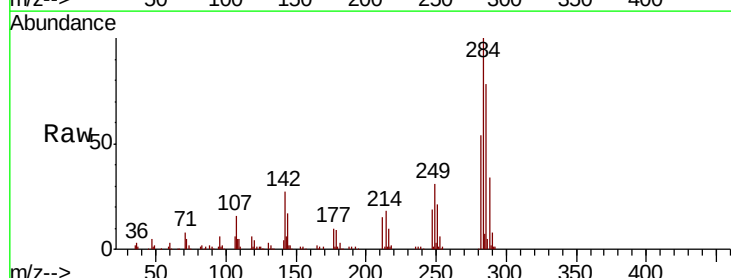
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.266 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	19.8	29.8
249	31.0	23.8	35.6

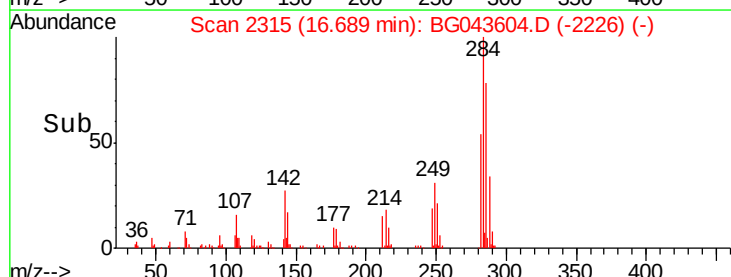
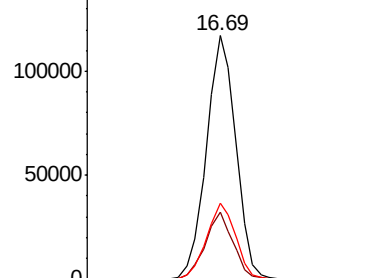


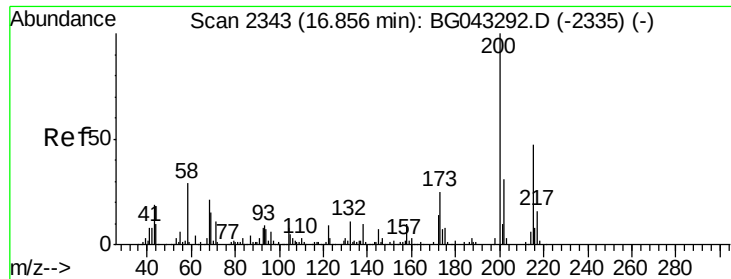
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 55.809 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

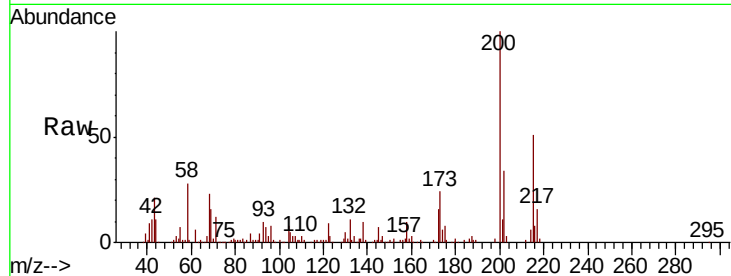
Tot Ion:200 Resp: 149537

Ion Ratio Lower Upper

200 100

173 24.3 4.7 44.7

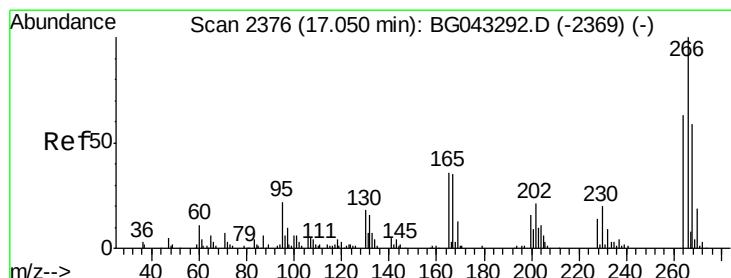
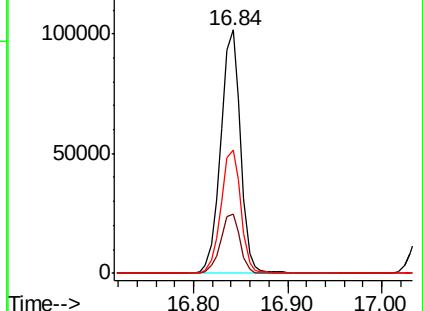
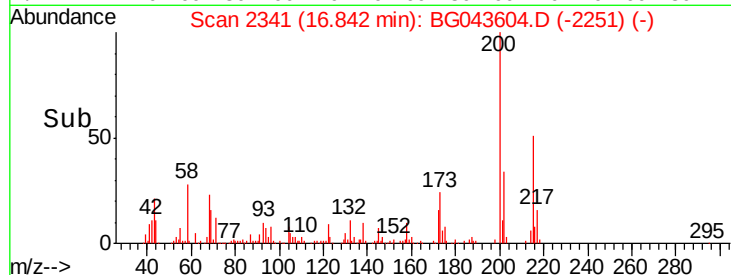
215 50.6 28.5 68.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.308 ng

RT: 17.04 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

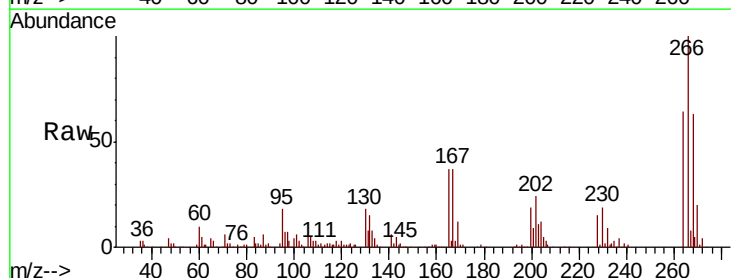
Tgt Ion:266 Resp: 169777

Ion Ratio Lower Upper

266 100

268 62.7 50.4 75.6

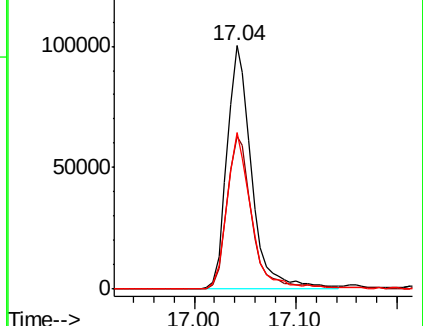
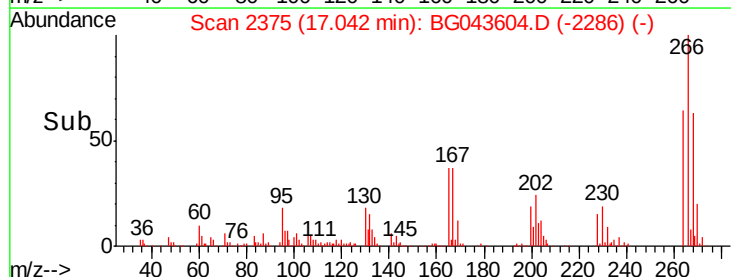
264 64.1 48.9 73.3

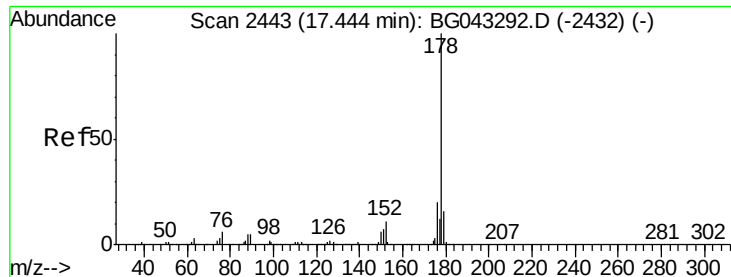


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

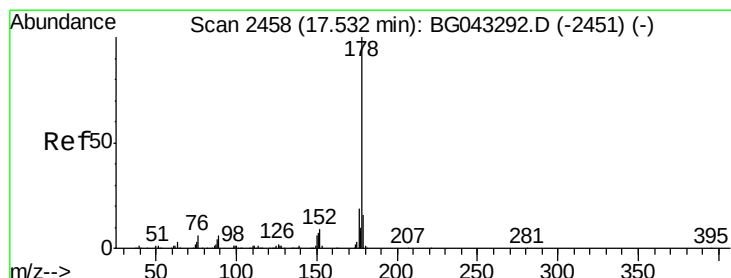
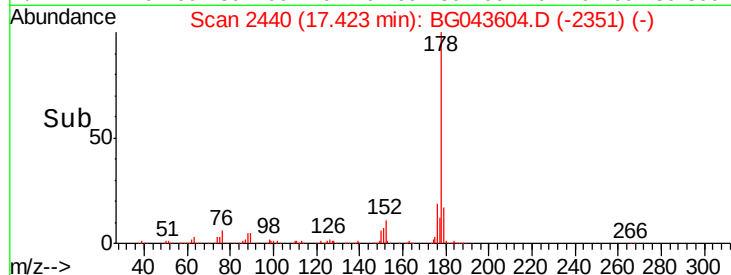
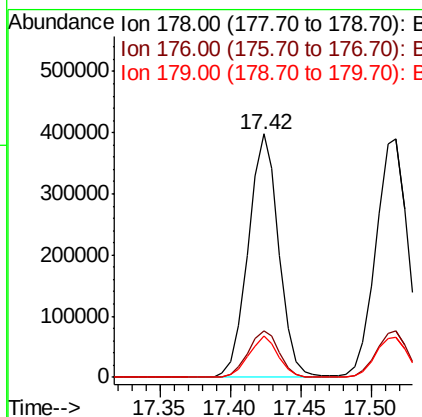
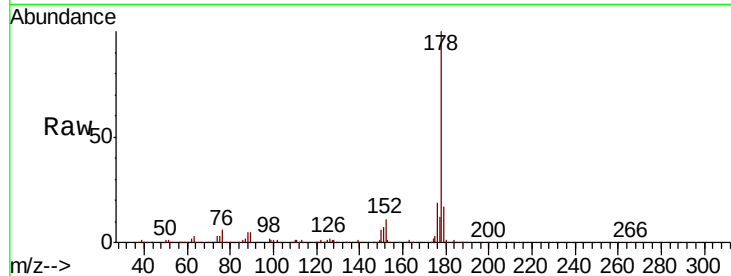




#71
Phenanthrene
Concen: 43.256 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

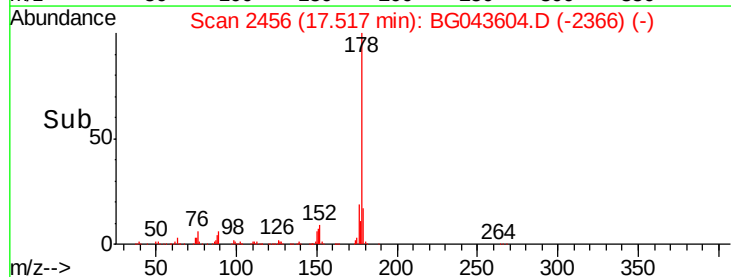
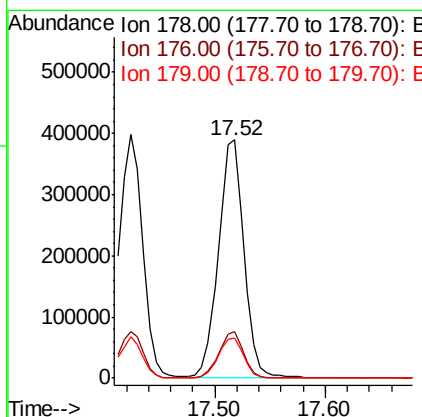
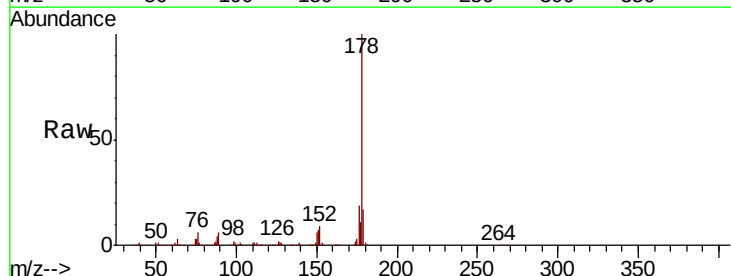
Instrument :
BNA_G
ClientSampled :

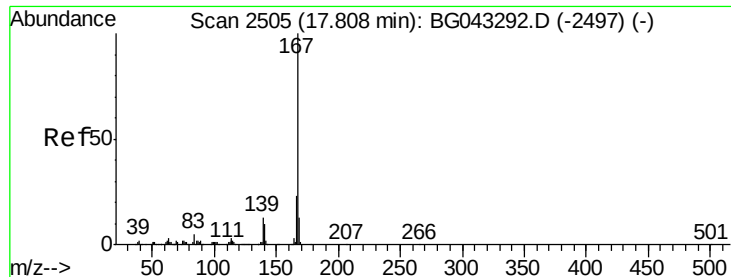
Tot Ion:178 Resp: 604989
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.8 13.0 19.6



#72
Anthracene
Concen: 44.741 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion:178 Resp: 626076
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 16.7 13.7 20.5





#73

Carbazole

Concen: 44.416 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

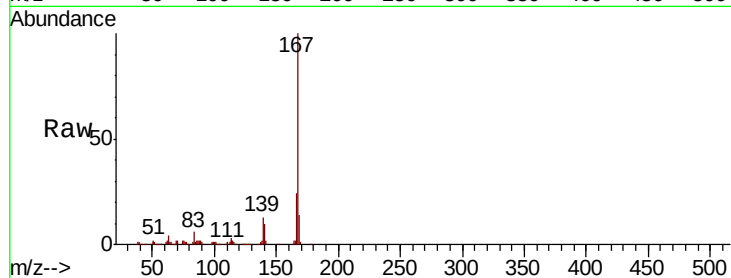
Tot Ion:167 Resp: 562852

Ion Ratio Lower Upper

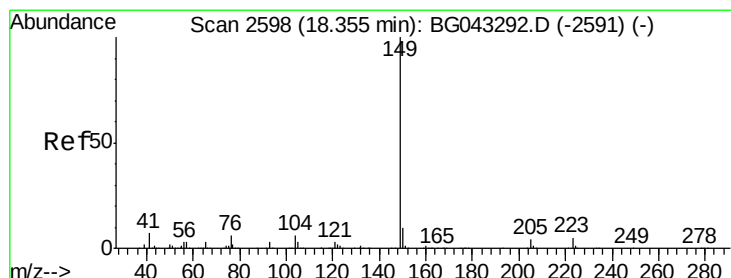
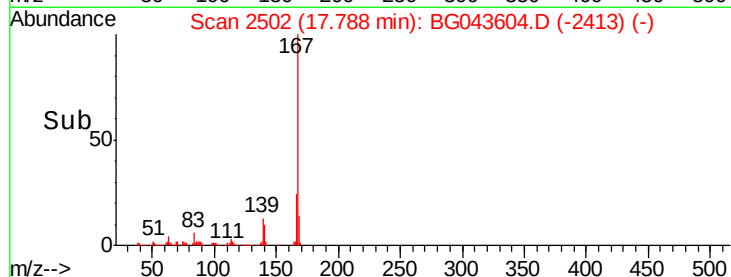
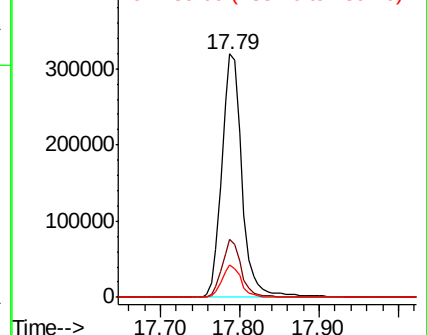
167 100

166 23.9 18.7 28.1

139 13.3 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.986 ng

RT: 18.33 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

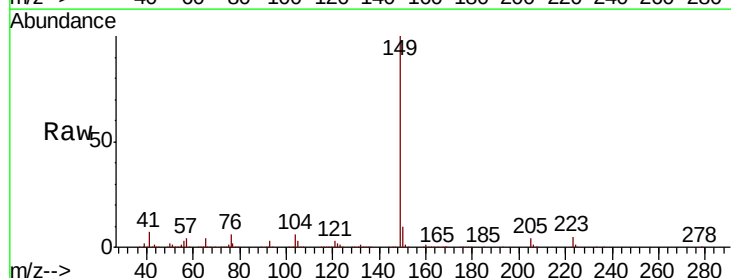
Tgt Ion:149 Resp: 676322

Ion Ratio Lower Upper

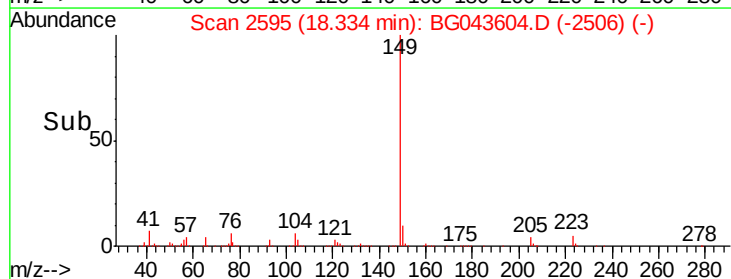
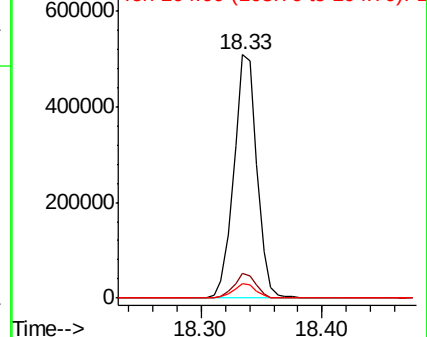
149 100

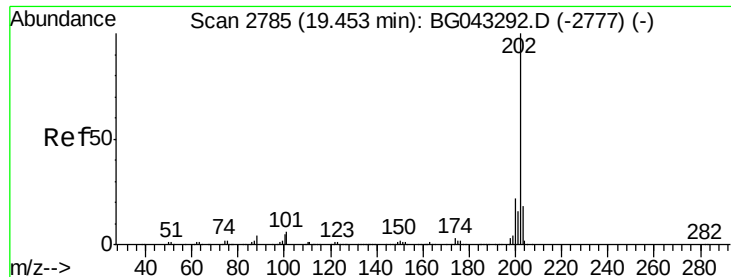
150 10.1 8.0 12.0

104 5.9 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.657 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043604.D

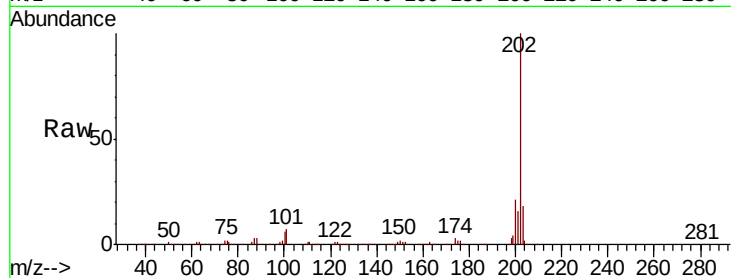
Acq: 12 Nov 2019 5:27

Instrument :

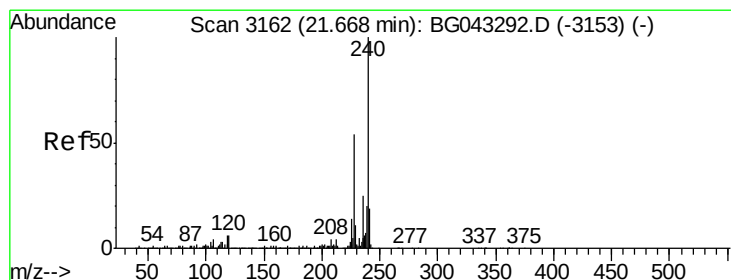
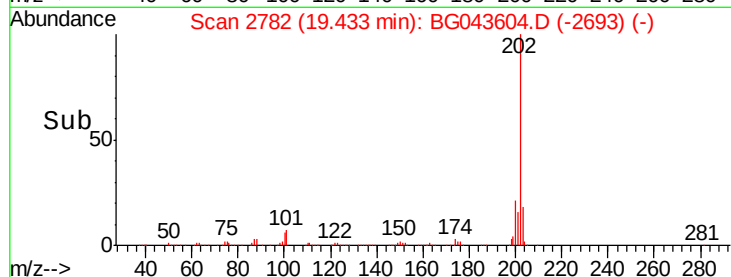
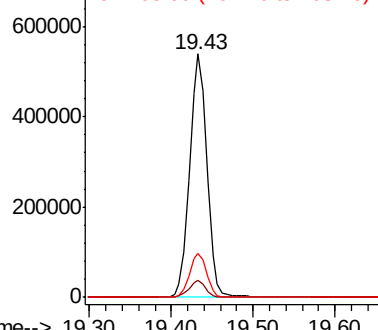
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	796026
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	26.3
203	18.2	0.0	37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

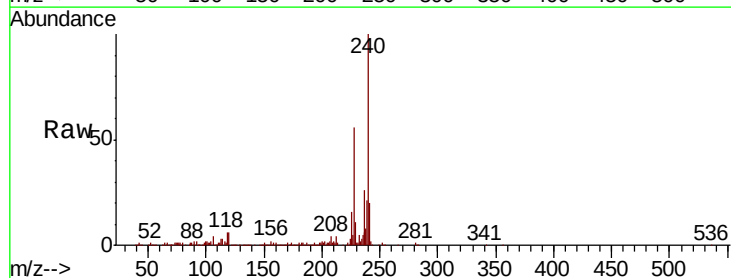
RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

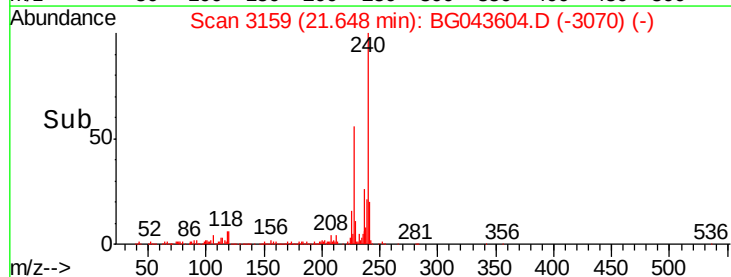
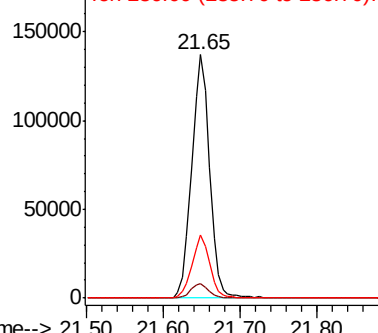
Lab File: BG043604.D

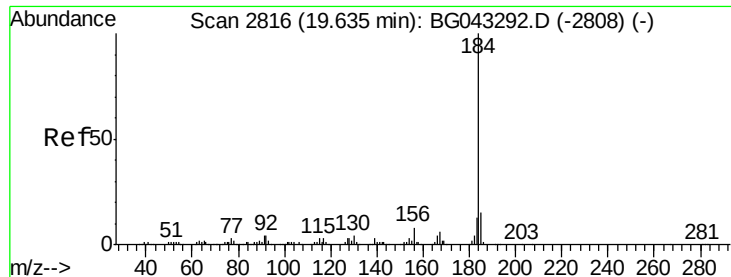
Acq: 12 Nov 2019 5:27

Tgt Ion:	240	Resp:	220944
Ion Ratio	Lower	Upper	
240	100		
120	5.7	4.6	6.8
236	25.9	19.8	29.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 69.983 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

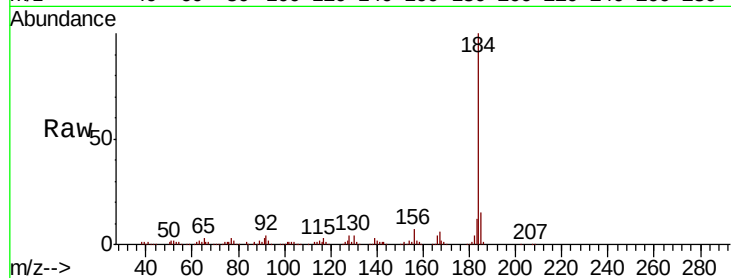
Tot Ion:184 Resp: 311185

Ion Ratio Lower Upper

184 100

185 14.6 11.0 16.4

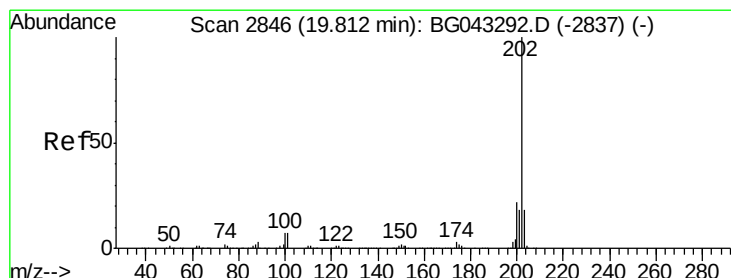
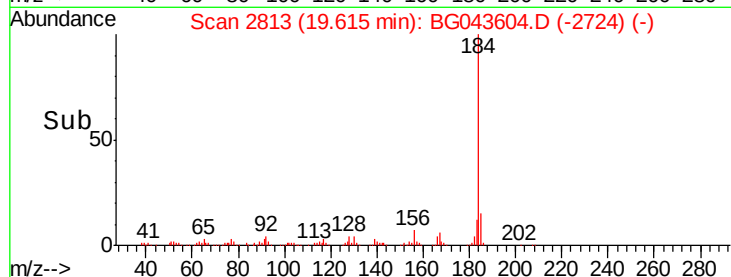
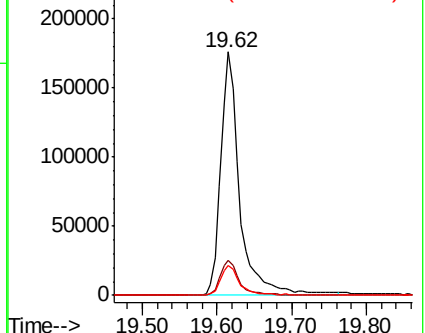
183 12.2 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 57.230 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

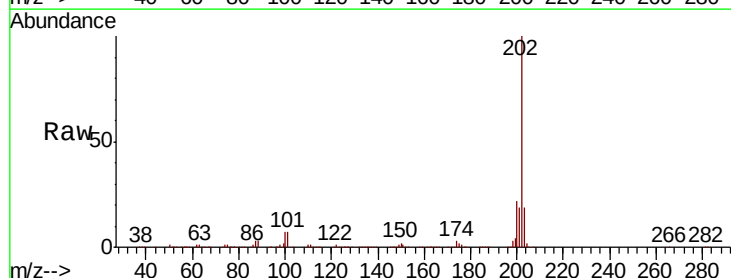
Tgt Ion:202 Resp: 782693

Ion Ratio Lower Upper

202 100

200 22.2 17.0 25.4

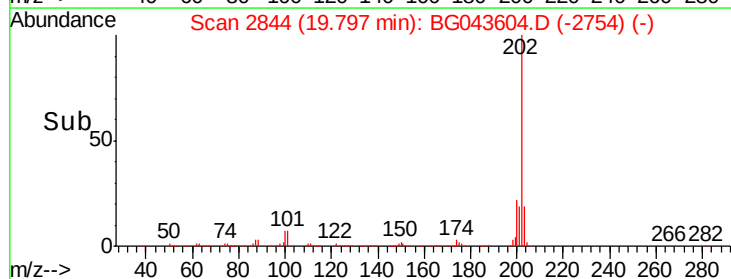
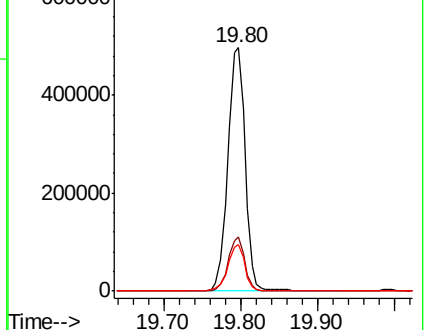
203 18.9 14.7 22.1

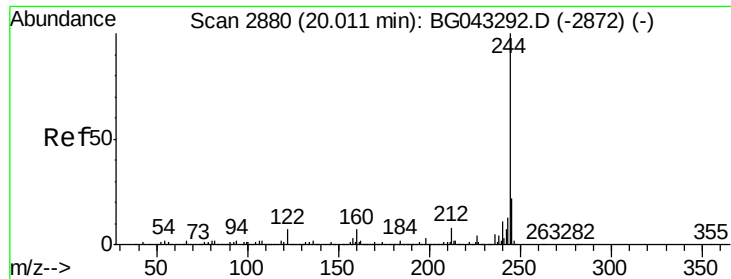


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 110.368 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampleId :

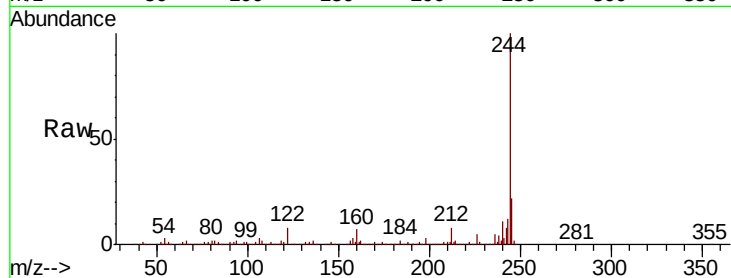
Tot Ion:244 Resp: 1299808

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

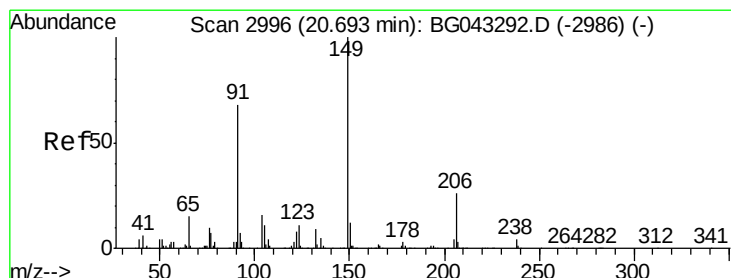
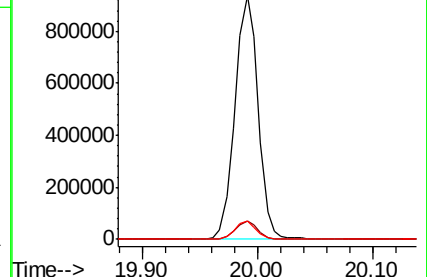
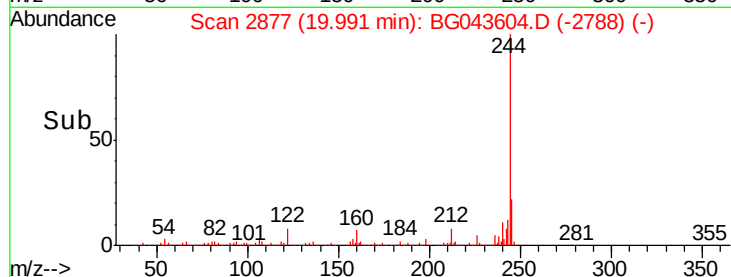
122 7.7 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.464 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

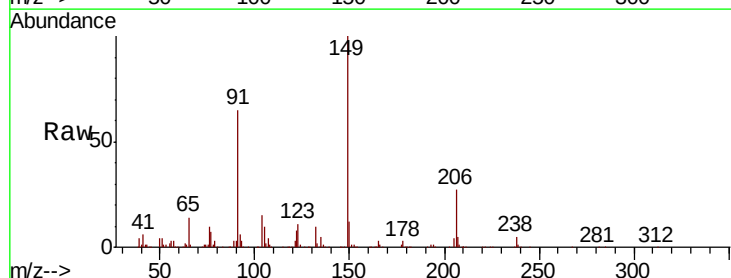
Tgt Ion:149 Resp: 240744

Ion Ratio Lower Upper

149 100

91 64.7 51.2 76.8

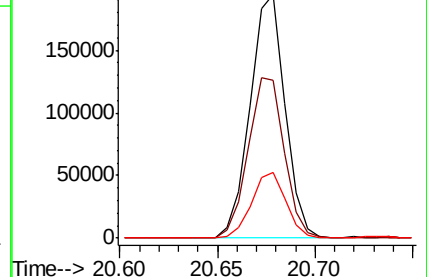
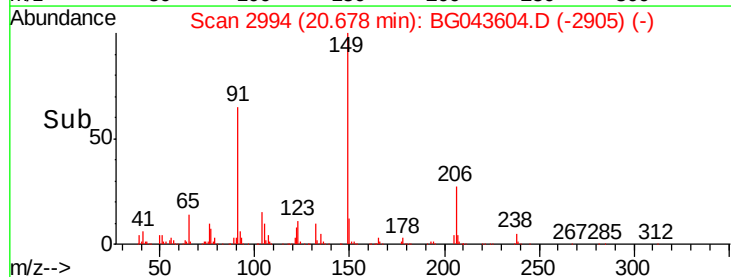
206 27.1 22.5 33.7

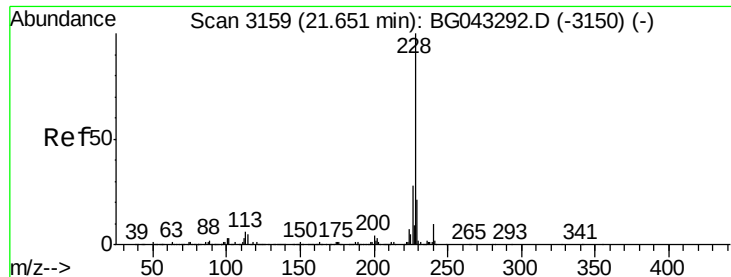


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.010 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampled :

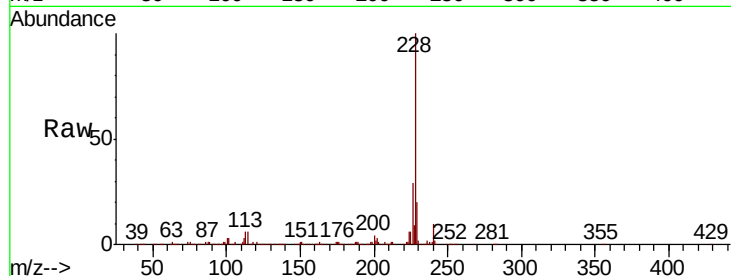
Tot Ion:228 Resp: 636763

Ion Ratio Lower Upper

228 100

226 28.5 22.2 33.2

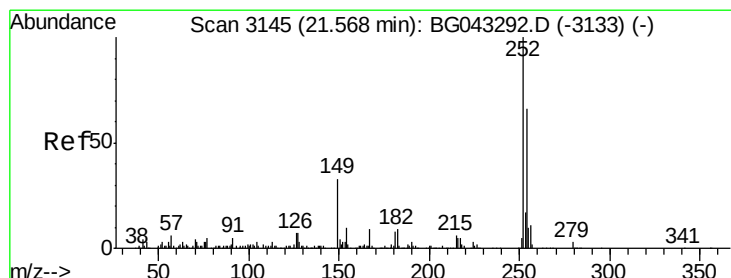
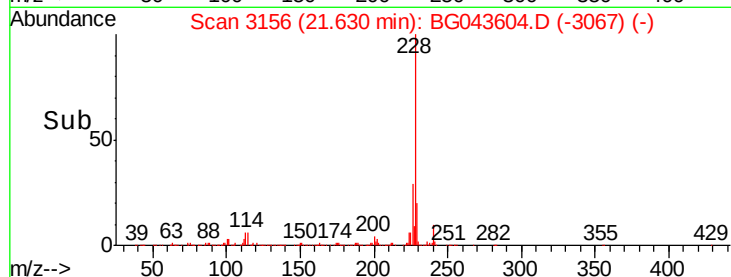
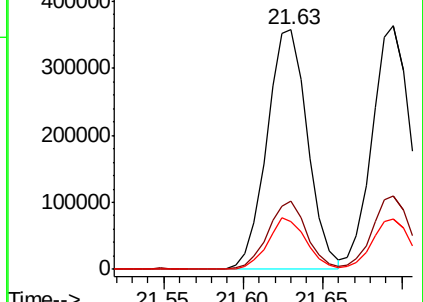
229 19.9 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.393 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

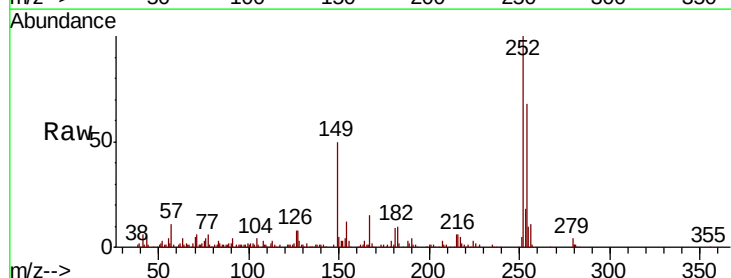
Tgt Ion:252 Resp: 173397

Ion Ratio Lower Upper

252 100

254 68.4 50.8 76.2

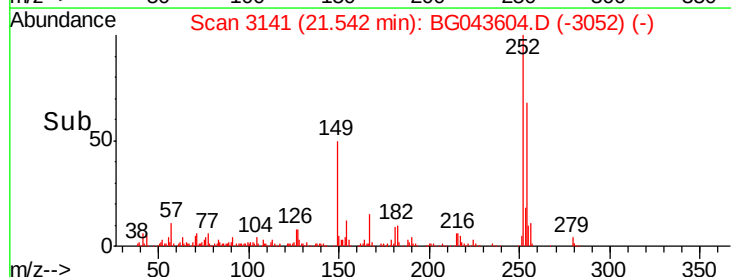
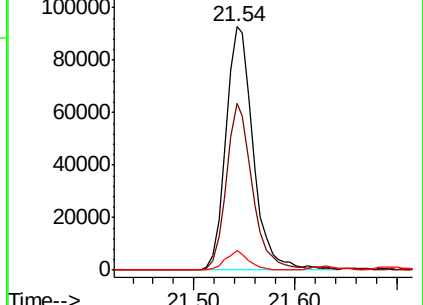
126 7.8 6.1 9.1

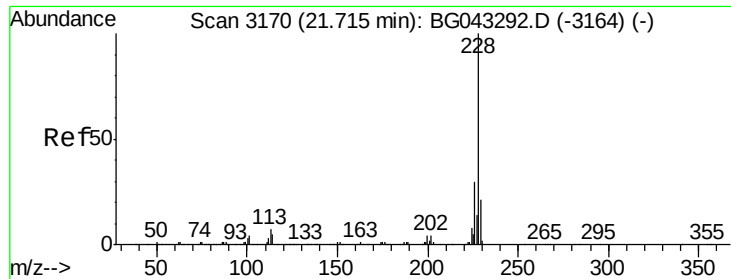


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.130 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

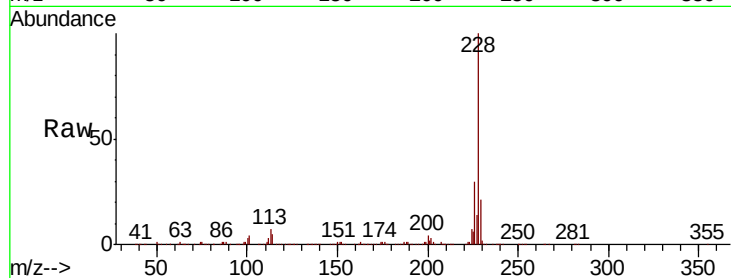
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 620573

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	20.6	17.0	25.4

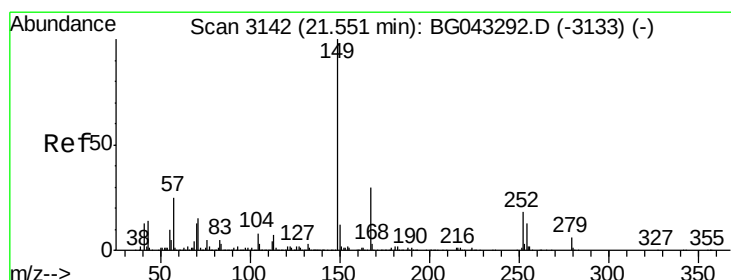
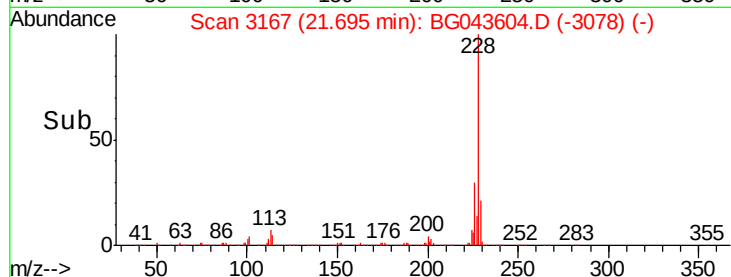
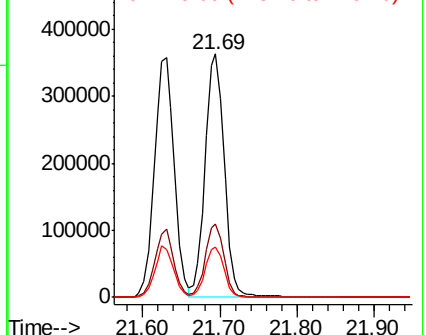


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.078 ng

RT: 21.52 min Scan# 3138

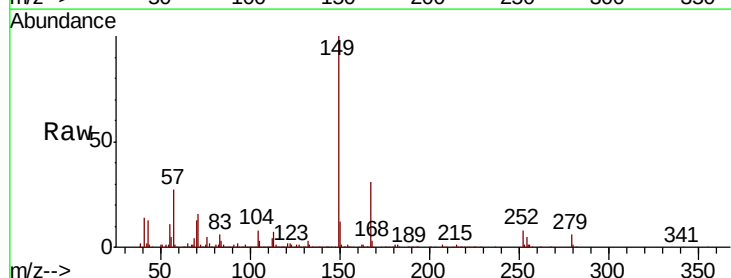
Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion:149 Resp: 317060

Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.0	36.0
279	6.4	5.4	8.2

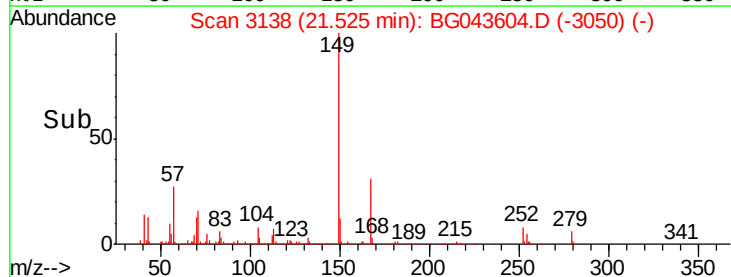
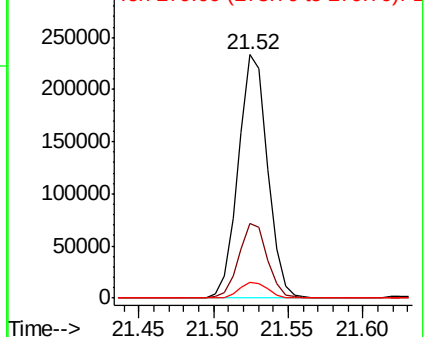


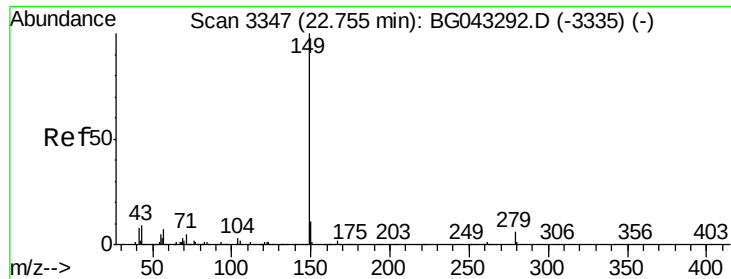
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

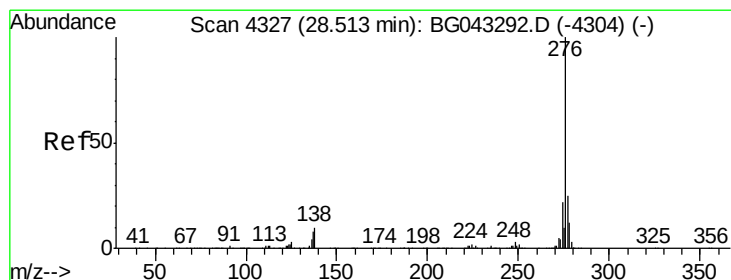
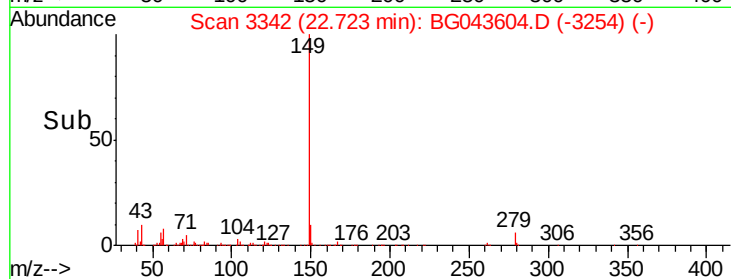
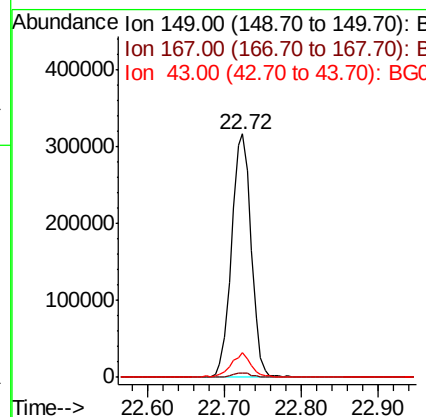
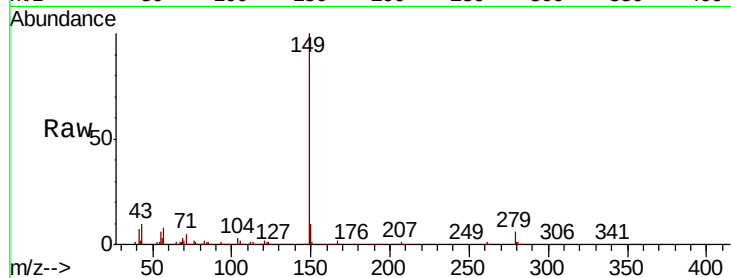




#85
Di-n-octyl phthalate
Concen: 45.057 ng
RT: 22.72 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

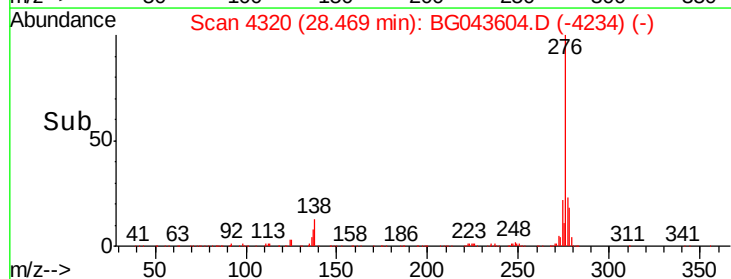
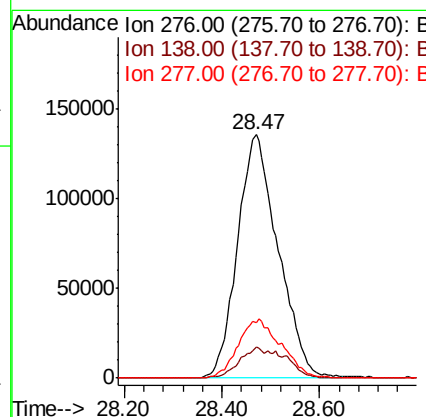
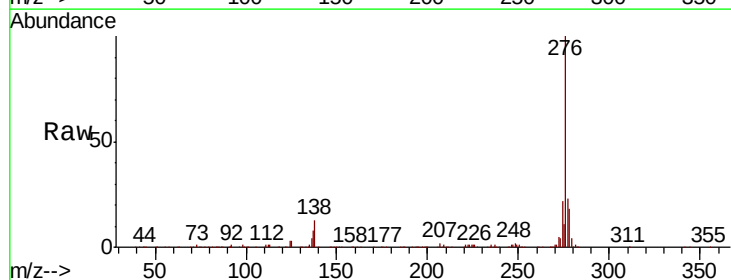
Instrument :
BNA_G
ClientSampleId :

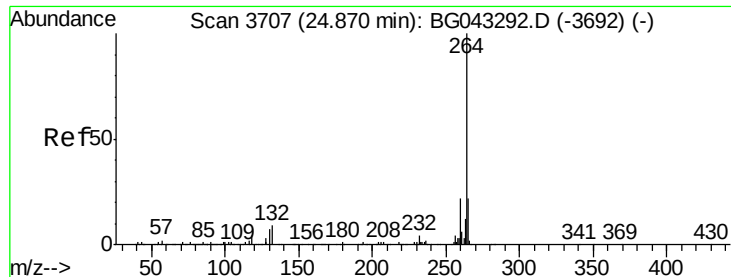
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	10.6	7.0	10.6#



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.345 ng
RT: 28.47 min Scan# 4320
Delta R.T. -0.03 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	6.8	10.2#
277	25.7	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

ClientSampled :

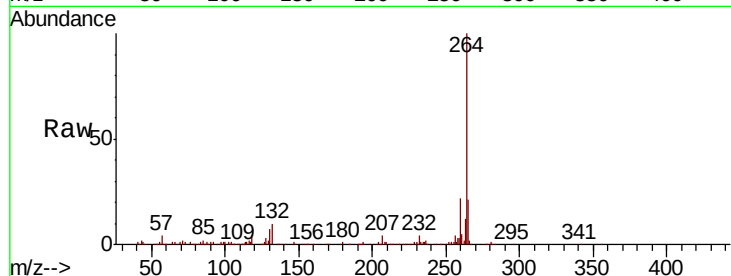
Tot Ion:264 Resp: 252678

Ion Ratio Lower Upper

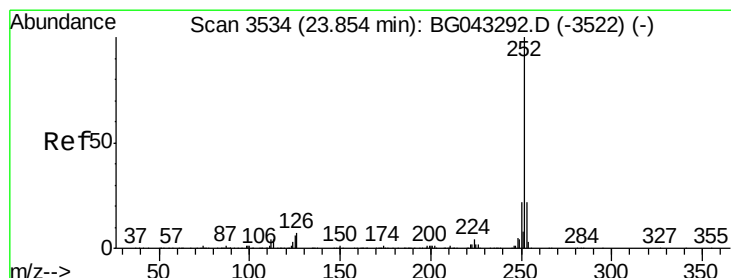
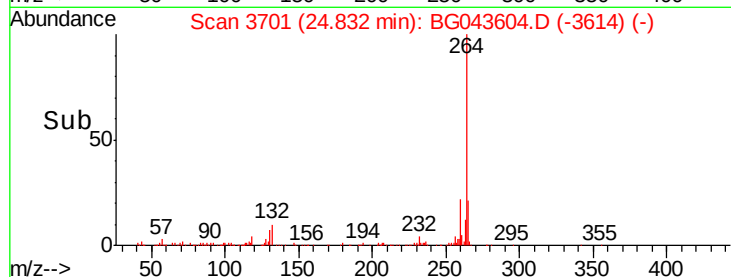
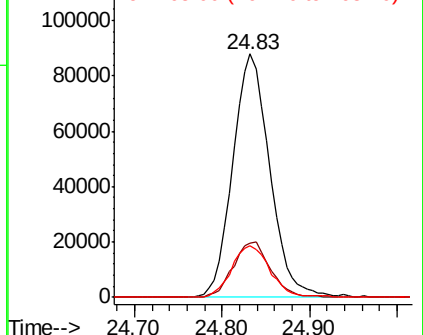
264 100

260 22.1 17.5 26.3

265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
120000
Ion 260.00 (259.70 to 260.70): E
100000
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.021 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

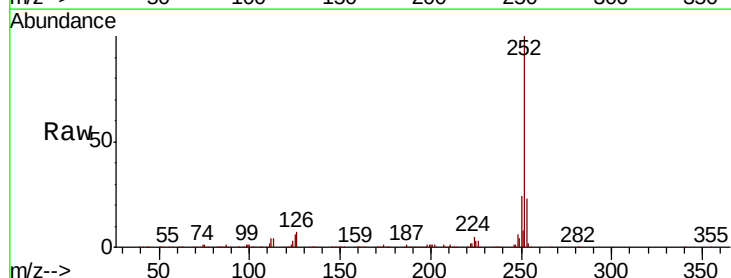
Tgt Ion:252 Resp: 644288

Ion Ratio Lower Upper

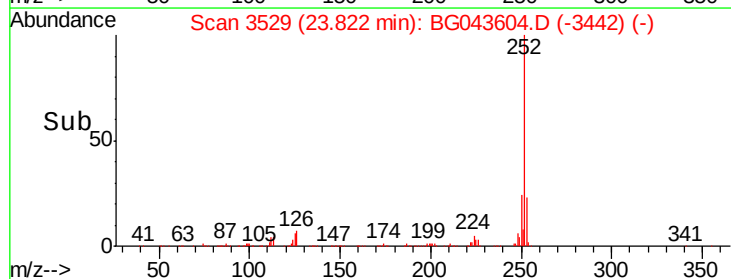
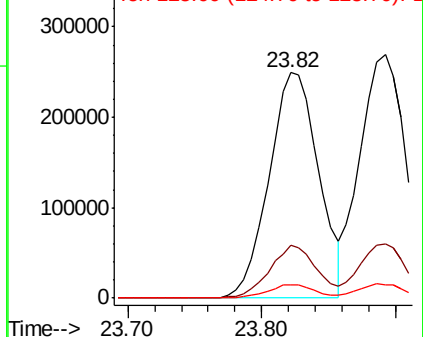
252 100

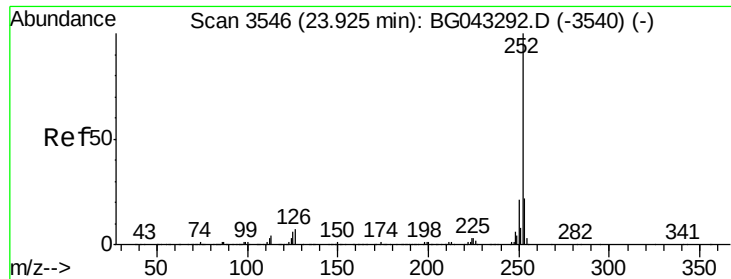
253 23.3 17.7 26.5

125 6.0 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E
300000
Ion 253.00 (252.70 to 253.70): E
200000
Ion 125.00 (124.70 to 125.70): E

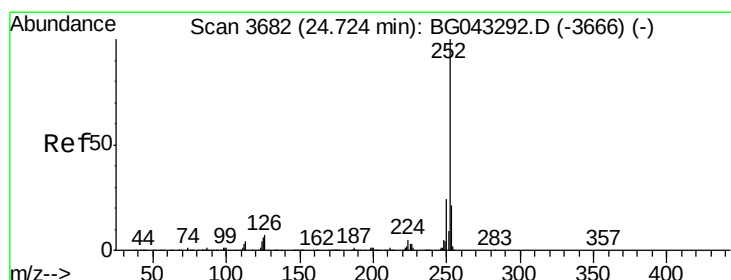
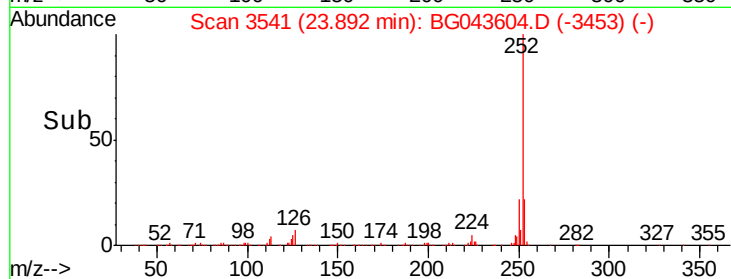
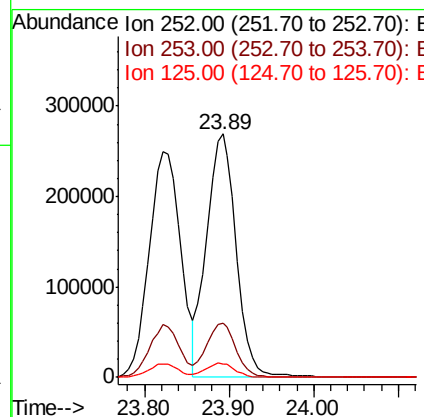
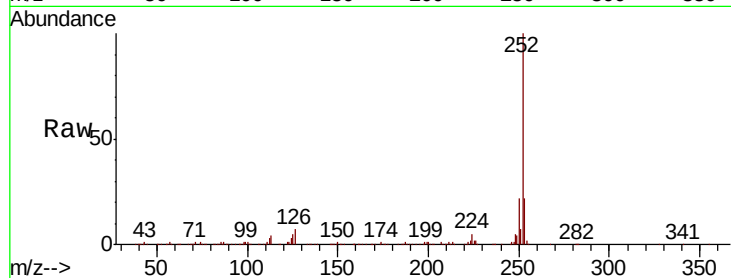




#89
Benzo(k)fluoranthene
Concen: 45.544 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

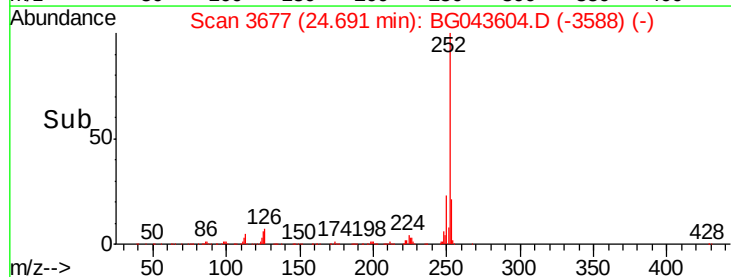
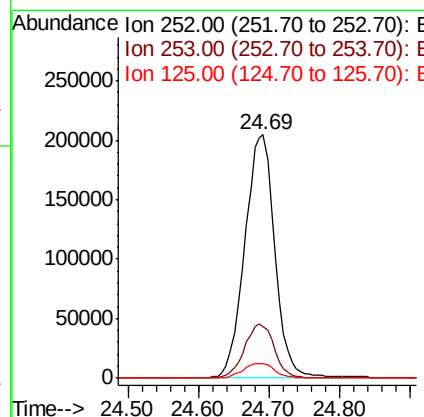
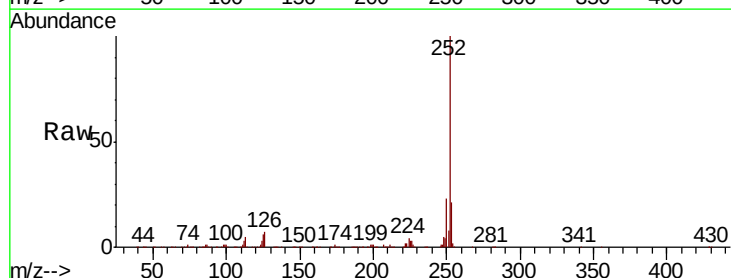
Instrument :
BNA_G
ClientSampleId :

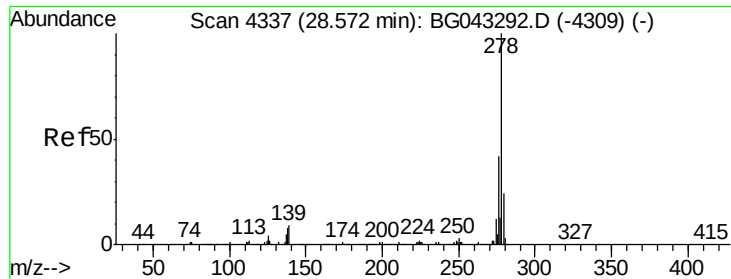
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	5.5	4.6	6.8



#90
Benzo(a)pyrene
Concen: 44.319 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	5.8	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 47.248 ng

RT: 28.53 min Scan# 4330

Delta R.T. -0.03 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

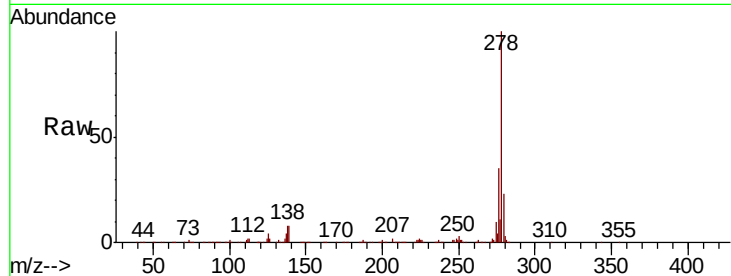
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 660437

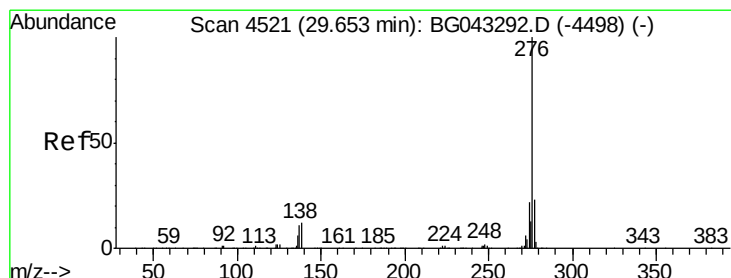
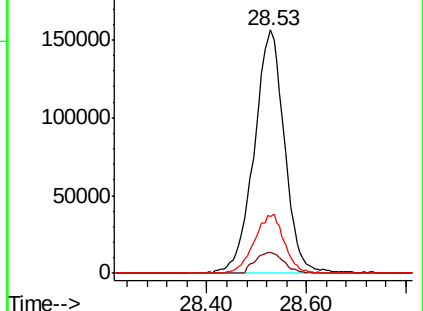
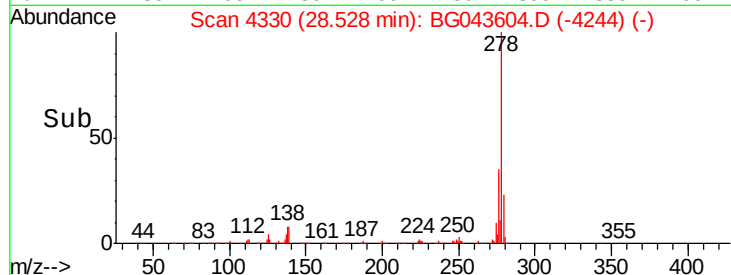
Ion	Ratio	Lower	Upper
278	100		
139	8.5	7.4	11.0
279	23.2	19.1	28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.605 ng

RT: 29.61 min Scan# 4514

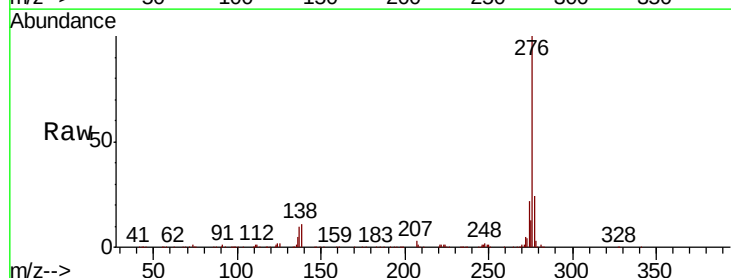
Delta R.T. -0.02 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion:276 Resp: 656386

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	11.1	8.9	13.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

