

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043454.D
 Acq On : 1 Nov 2019 5:23
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 07:59:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39591	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	156408	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	109566	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	263355	20.00	ng	0.00
76) Chrysene-d12	21.67	240	284192	20.00	ng	0.00
87) Perylene-d12	24.86	264	339352	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	177092	81.97	ng	0.00
7) Phenol-d6	7.21	99	250008	80.43	ng	0.00
23) Nitrobenzene-d5	9.19	82	241182	79.50	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	161601	77.50	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	638483	80.52	ng	0.00
79) Terphenyl-d14	20.00	244	1218627	80.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	35209	41.818	ng	97
3) Pyridine	3.89	79	92636	43.617	ng	96
4) n-Nitrosodimethylamine	3.81	42	43891	40.954	ng	86
6) Aniline	7.35	93	142075	39.676	ng	97
8) 2-Chlorophenol	7.59	128	94227	39.508	ng	97
9) Benzaldehyde	7.16	77	65601	42.942	ng	90
10) Phenol	7.24	94	116799	41.118	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	82460	37.547	ng	94
12) 1,3-Dichlorobenzene	7.91	146	118396	39.621	ng	98
13) 1,4-Dichlorobenzene	8.06	146	117738	38.943	ng	96
14) 1,2-Dichlorobenzene	8.38	146	114932	38.934	ng	94
15) Benzyl Alcohol	8.27	79	86206	39.487	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	122026	38.212	ng	96
17) 2-Methylphenol	8.48	107	84019	40.574	ng	93
18) Hexachloroethane	9.11	117	42612	39.065	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	73400	36.542	ng	96
20) 3+4-Methylphenols	8.81	107	108051	38.052	ng	89
22) Acetophenone	8.85	105	153588	38.345	ng	# 99
24) Nitrobenzene	9.23	77	113882	39.405	ng	96
25) Isophorone	9.75	82	202080	36.433	ng	95
26) 2-Nitrophenol	9.94	139	54747	39.237	ng	98
27) 2,4-Dimethylphenol	10.01	122	79268	39.638	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	118074	38.570	ng	98
29) 2,4-Dichlorophenol	10.49	162	102627	40.053	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	129530	40.109	ng	94
31) Naphthalene	10.88	128	313899	39.538	ng	99
32) Benzoic acid	10.17	122	48631	34.893	ng	94
33) 4-Chloroaniline	10.99	127	130864	40.212	ng	96
34) Hexachlorobutadiene	11.16	225	95704	40.089	ng	92
35) Caprolactam	11.77	113	34065	38.602	ng	# 76
36) 4-Chloro-3-methylphenol	12.12	107	105807	37.857	ng	96
37) 2-Methylnaphthalene	12.48	142	230643	37.862	ng	99
38) 1-Methylnaphthalene	12.70	142	219622	37.892	ng	92
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	164411	40.546	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	63932	30.014	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	95245	39.886	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	100580	41.662	nq	96
46) 1,1'-Biphenyl	13.48	154	333861	40.054	nq	99
47) 2-Chloronaphthalene	13.53	162	255451	40.279	nq	99
48) 2-Nitroaniline	13.73	65	76617	40.421	nq	98
49) Acenaphthylene	14.38	152	396203	40.141	nq	99
50) Dimethylphthalate	14.10	163	326509	38.473	nq	99
51) 2,6-Dinitrotoluene	14.22	165	73100	39.648	nq	95
52) Acenaphthene	14.72	154	241895	40.187	nq	98
53) 3-Nitroaniline	14.56	138	74103	41.629	nq #	94
54) 2,4-Dinitrophenol	14.77	184	29158	30.303	nq	95
55) Dibenzofuran	15.05	168	389865	39.940	nq	98
56) 4-Nitrophenol	14.89	139	48335	40.520	nq	96
57) 2,4-Dinitrotoluene	15.01	165	105532	40.052	nq #	96
58) Fluorene	15.70	166	323782	39.549	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	98840	38.535	nq #	99
60) Diethylphthalate	15.46	149	331273	38.849	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	189614	39.701	nq	99
62) 4-Nitroaniline	15.73	138	78285	42.584	nq	97
63) Azobenzene	15.98	77	271891	39.397	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	52562	33.914	nq	93
66) n-Nitrosodiphenylamine	15.90	169	283948	38.190	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	134913	38.066	nq	95
68) Hexachlorobenzene	16.71	284	155780	38.292	nq	99
69) Atrazine	16.85	200	87113	33.718	nq	97
70) Pentachlorophenol	17.05	266	69007	37.226	nq	96
71) Phenanthrene	17.44	178	525320	38.954	nq	99
72) Anthracene	17.53	178	526545	39.024	nq	99
73) Carbazole	17.80	167	473535	38.755	nq	98
74) Di-n-butylphthalate	18.35	149	583435	39.353	nq	99
75) Fluoranthene	19.45	202	680675	38.716	nq	99
77) Benzidine	19.63	184	221476	38.723	nq	99
78) Pyrene	19.81	202	696454	39.591	nq	99
80) Butylbenzylphthalate	20.69	149	268994	40.362	nq	97
81) Benzo(a)anthracene	21.64	228	719480	40.417	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	282472	41.025	nq	99
83) Chrysene	21.71	228	700383	39.598	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	385732	40.744	nq	100
85) Di-n-octyl phthalate	22.75	149	667623	41.566	nq	99
86) Indeno(1,2,3-cd)pyrene	28.51	276	901146	40.589	nq	100
88) Benzo(b)fluoranthene	23.85	252	771875	40.160	nq	98
89) Benzo(k)fluoranthene	23.92	252	771598	39.878	nq	98
90) Benzo(a)pyrene	24.72	252	737495	40.183	nq	99
91) Dibenzo(a,h)anthracene	28.57	278	750951	40.002	nq	100
92) Benzo(g,h,i)perylene	29.65	276	721680	38.973	nq	97

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

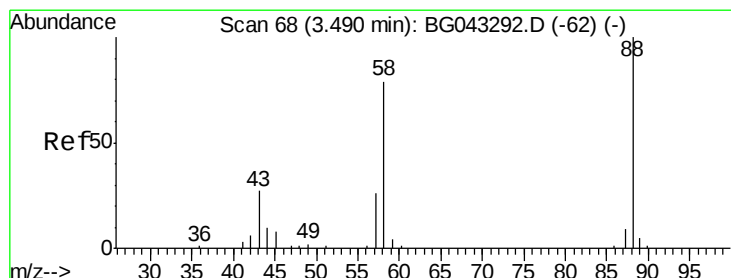
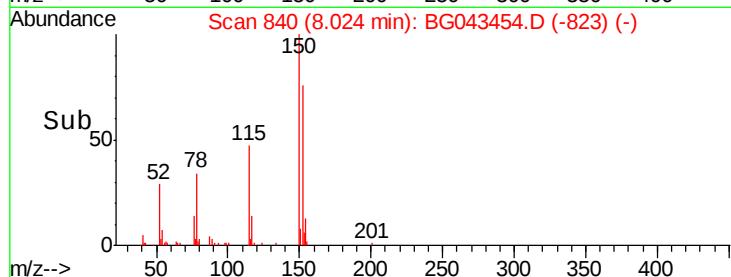
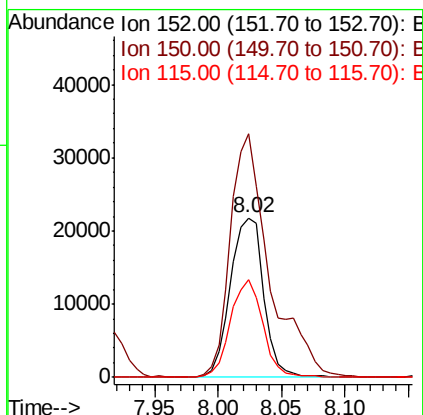
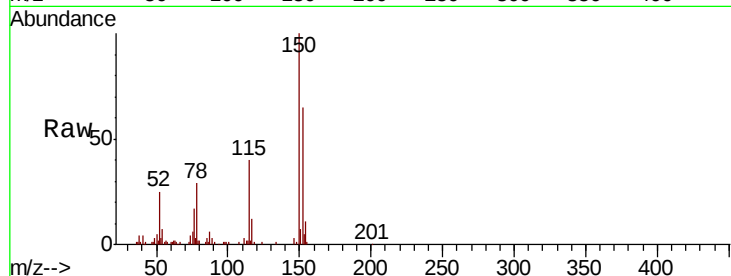


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Instrument :
BNA_G
ClientSampleId :

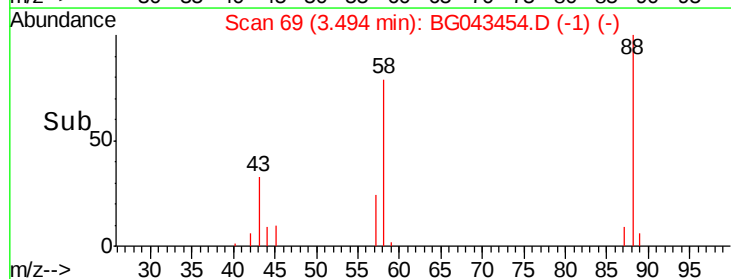
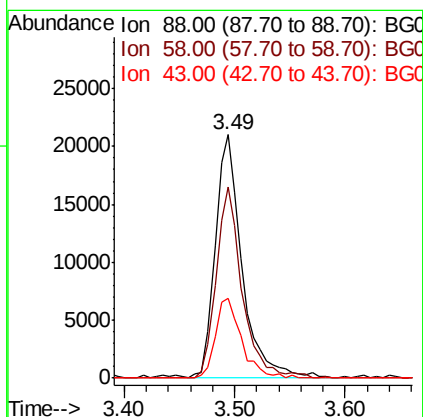
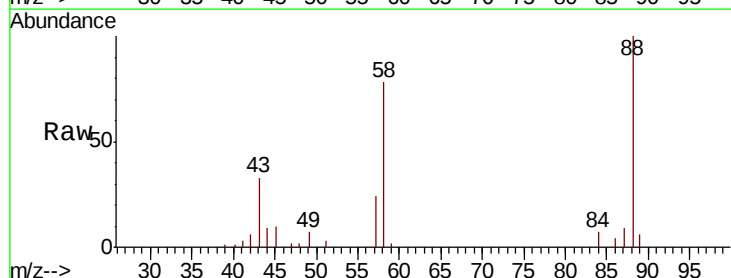
Tot Ion:152 Resp: 39591
Ion Ratio Lower Upper
152 100
150 152.8 113.6 170.4
115 61.1 45.9 68.9

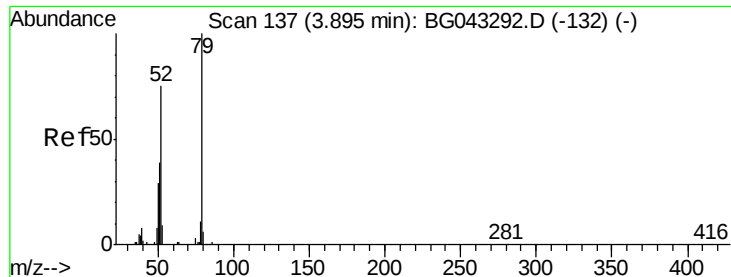


#2

1,4-Dioxane
Concen: 41.818 ng
RT: 3.49 min Scan# 69
Delta R.T. 0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Tgt Ion: 88 Resp: 35209
Ion Ratio Lower Upper
88 100
58 76.2 60.2 90.2
43 32.1 22.7 34.1





#3

Pvridine

Concen: 43.617 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

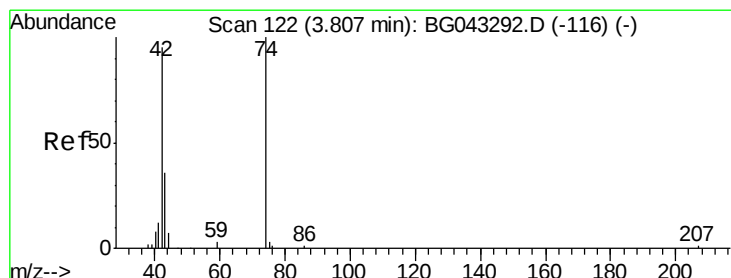
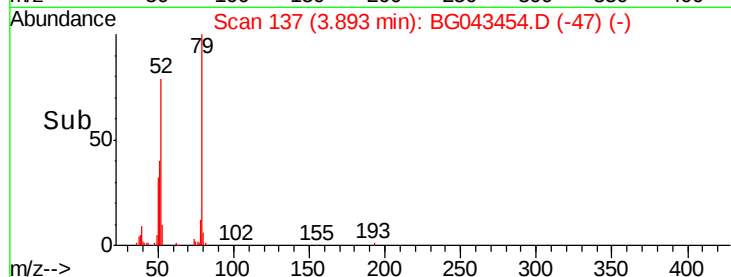
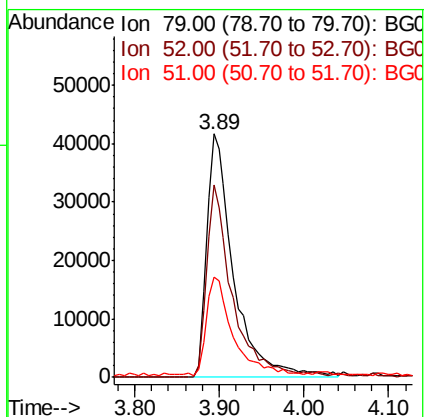
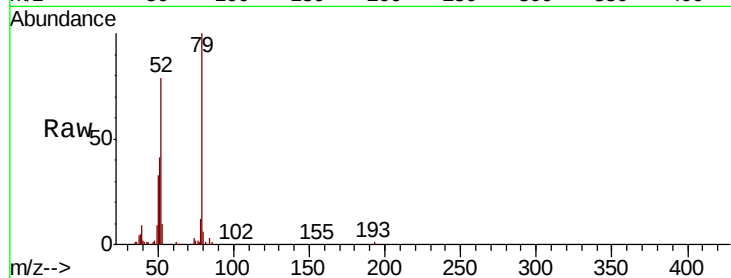
Tot Ion: 79 Resp: 92636

Ion Ratio Lower Upper

79 100

52 78.9 59.7 89.5

51 41.1 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 40.954 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

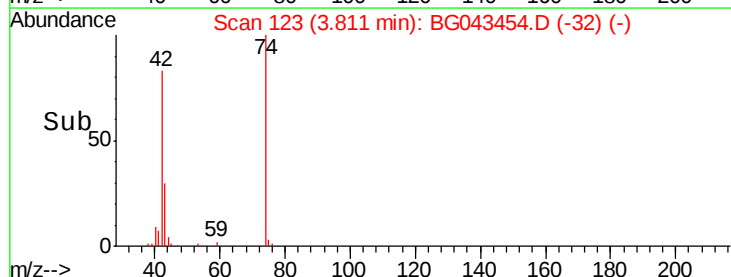
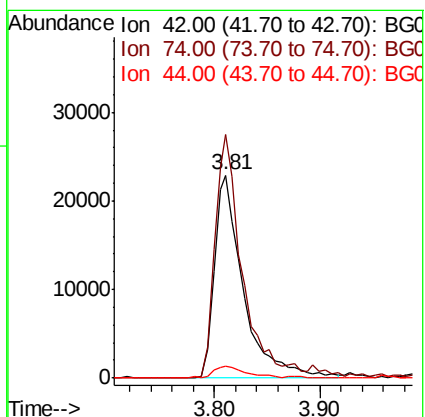
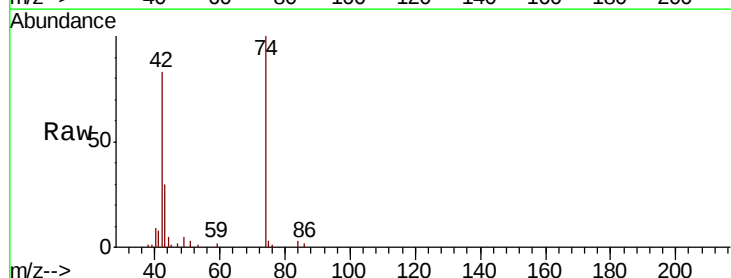
Tgt Ion: 42 Resp: 43891

Ion Ratio Lower Upper

42 100

74 120.0 84.2 126.2

44 6.1 6.0 9.0





#5

2-Fluorophenol

Concen: 81.966 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

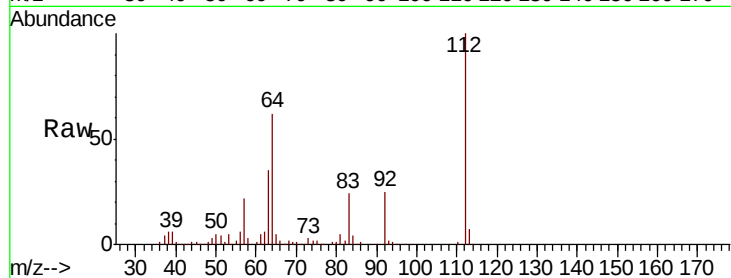
Tot Ion:112 Resp: 177092

Ion Ratio Lower Upper

112 100

64 62.3 50.2 75.2

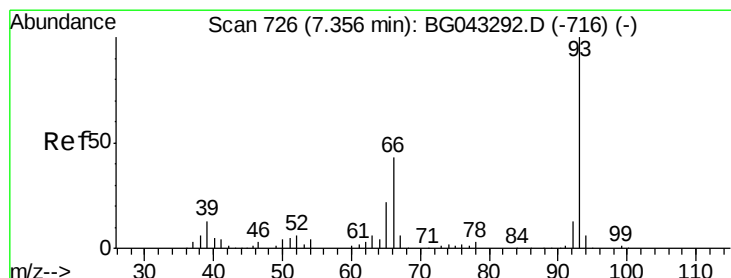
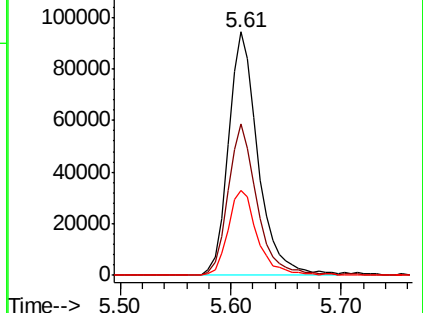
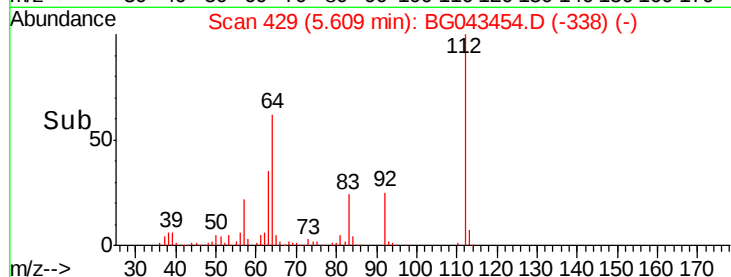
63 34.7 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.676 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

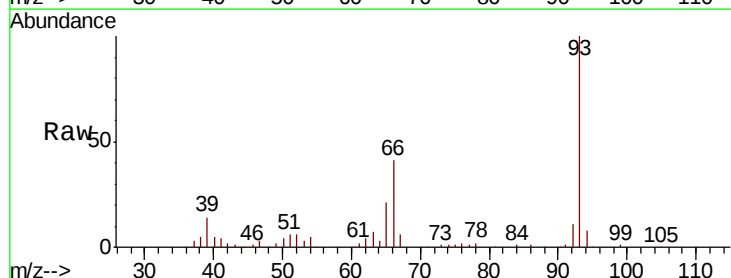
Tgt Ion: 93 Resp: 142075

Ion Ratio Lower Upper

93 100

66 41.0 34.5 51.7

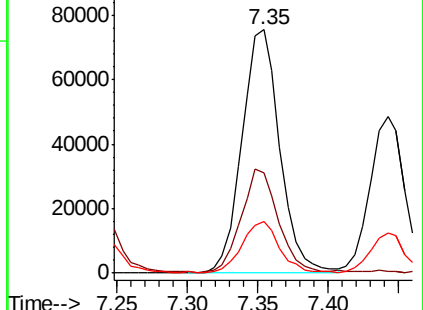
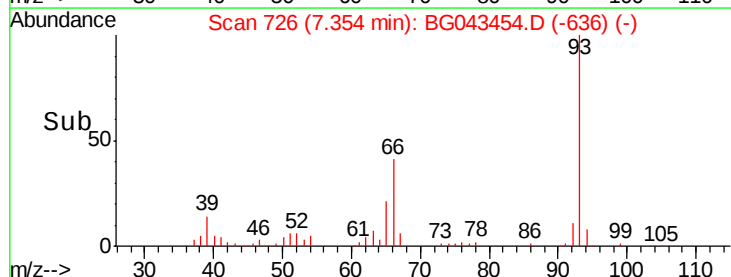
65 21.3 18.0 27.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.427 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

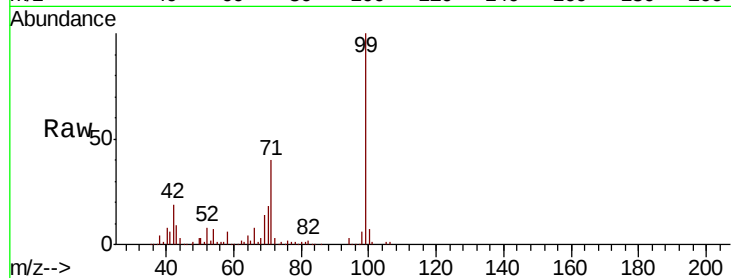
Tot Ion: 99 Resp: 250008

Ion Ratio Lower Upper

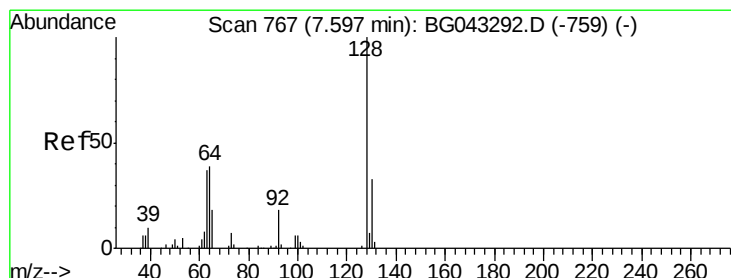
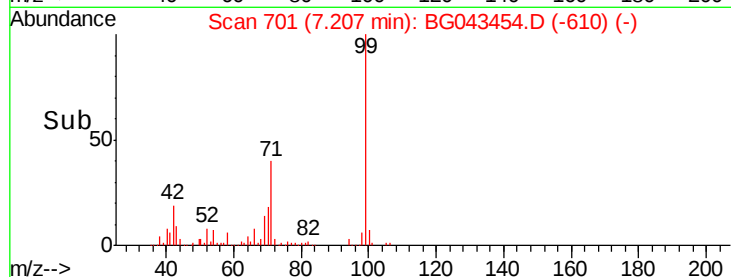
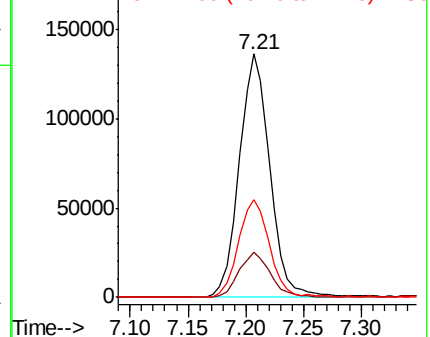
99 100

42 18.5 14.9 22.3

71 40.1 32.2 48.2



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



#8

2-Chlorophenol

Concen: 39.508 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

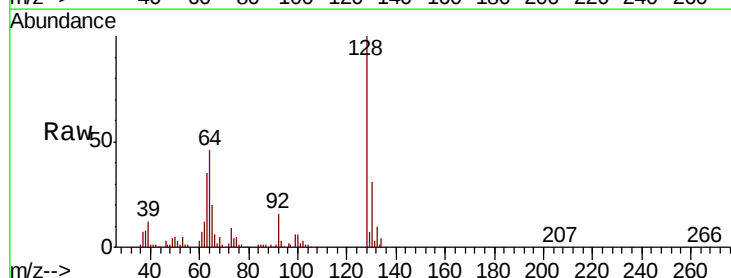
Tgt Ion: 128 Resp: 94227

Ion Ratio Lower Upper

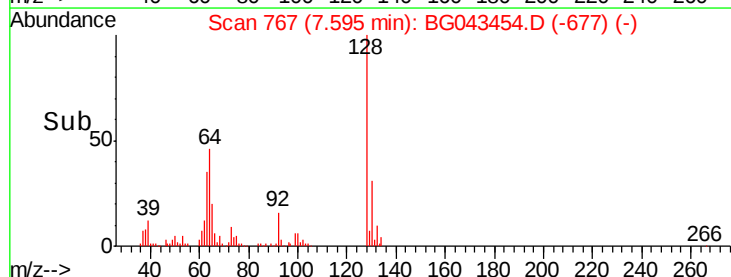
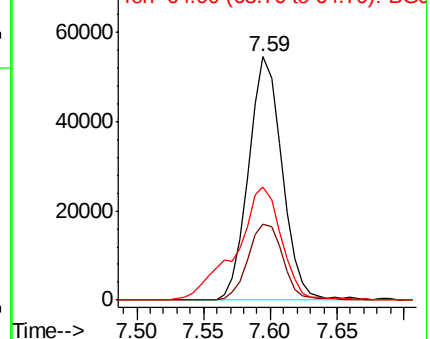
128 100

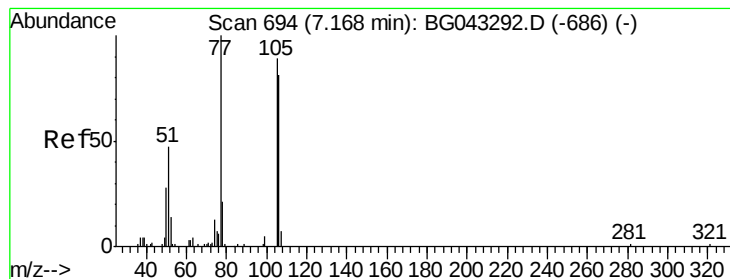
130 31.0 12.9 52.9

64 46.3 24.9 64.9



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





#9

Benzaldehyde

Concen: 42.942 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

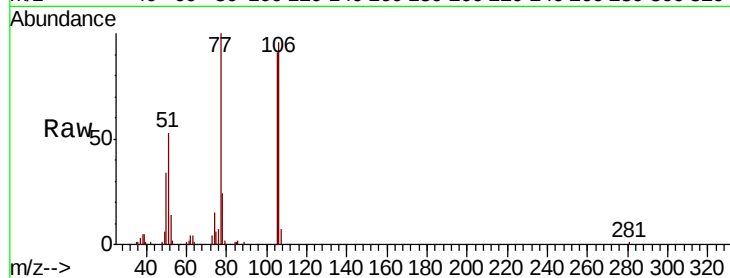
Tot Ion: 77 Resp: 65601

Ion Ratio Lower Upper

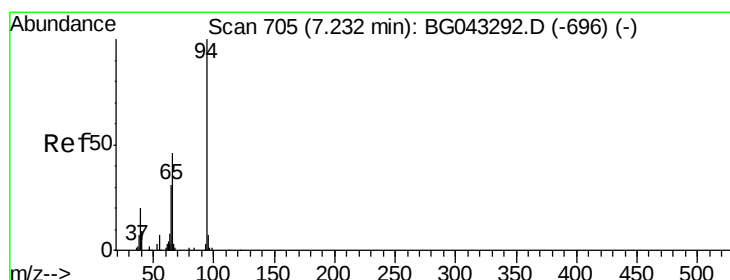
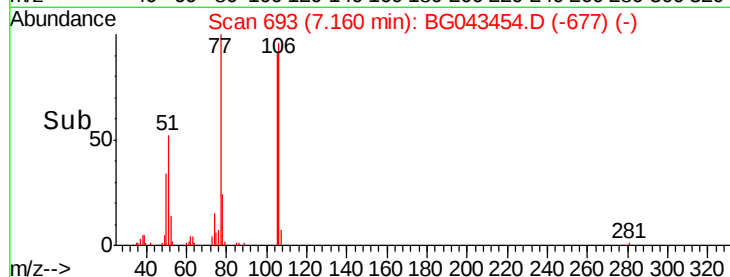
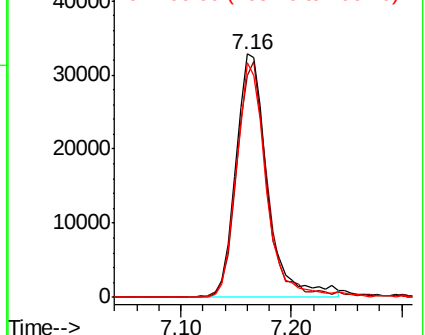
77 100

105 91.2 68.7 108.7

106 96.2 60.5 100.5



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: 41.118 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

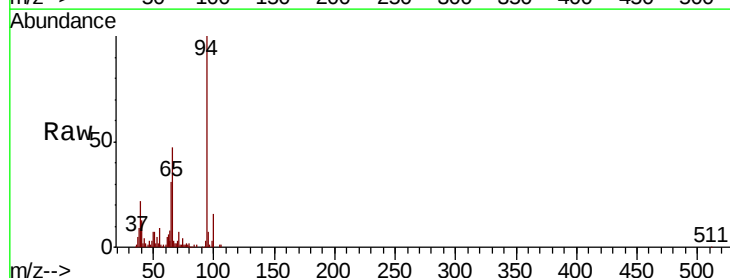
Tgt Ion: 94 Resp: 116799

Ion Ratio Lower Upper

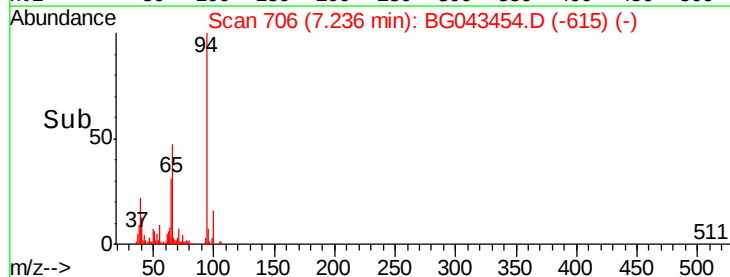
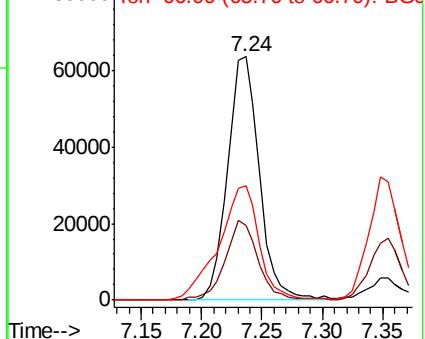
94 100

65 30.5 11.1 51.1

66 46.9 27.8 67.8



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: 37.547 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

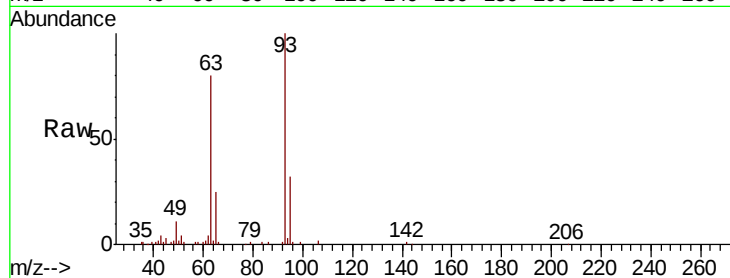
Tot Ion: 93 Resp: 82460

Ion Ratio Lower Upper

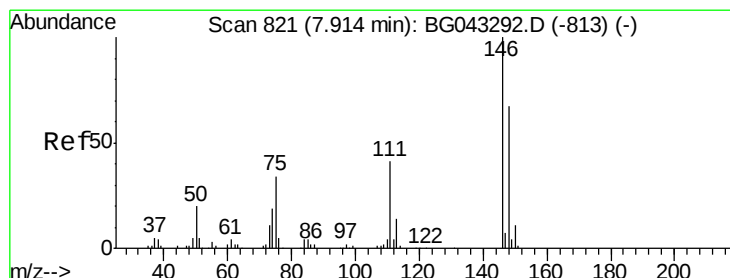
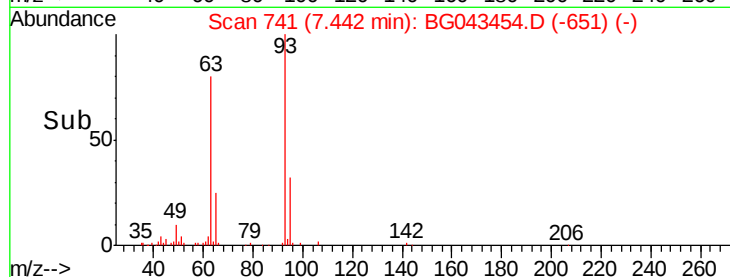
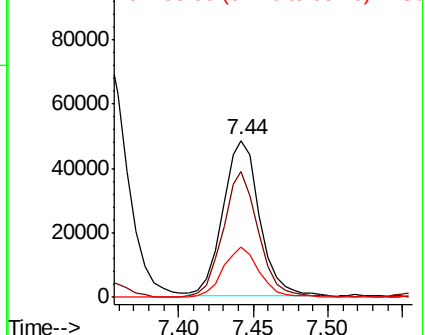
93 100

63 80.4 54.6 94.6

95 32.3 9.7 49.7



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: 39.621 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

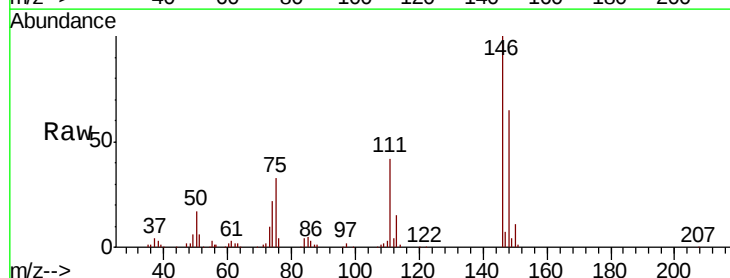
Tgt Ion: 146 Resp: 118396

Ion Ratio Lower Upper

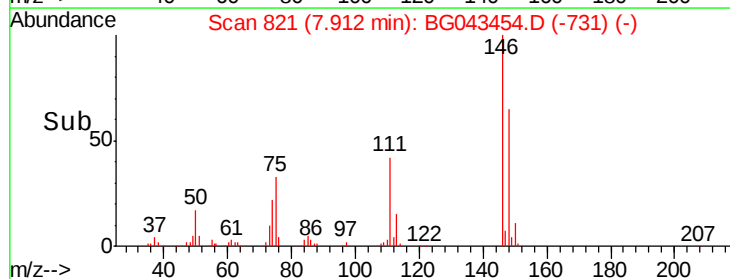
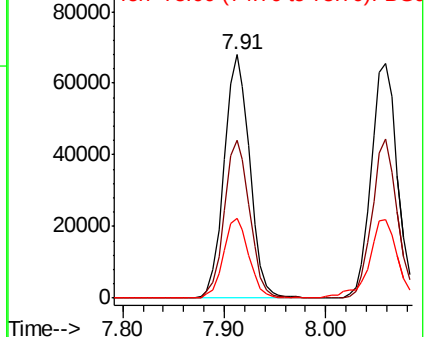
146 100

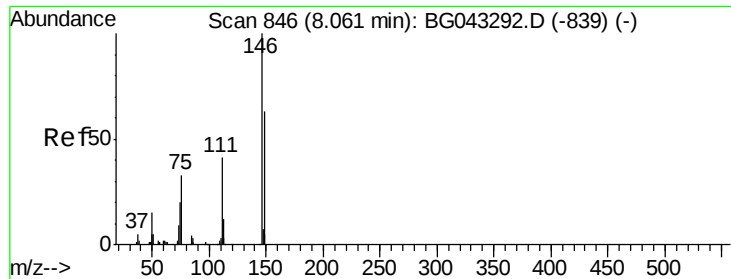
148 64.9 53.4 80.2

75 32.8 27.0 40.4



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





#13

1,4-Dichlorobenzene

Concen: 38.943 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

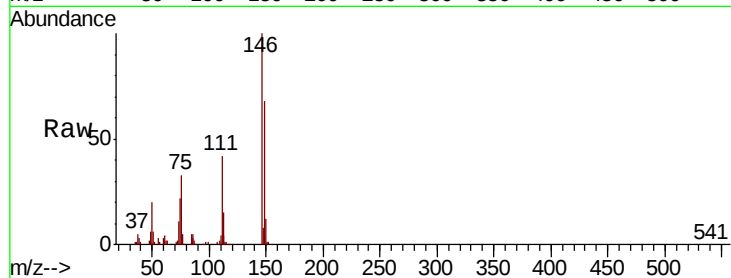
Tot Ion:146 Resp: 117738

Ion Ratio Lower Upper

146 100

148 68.2 50.7 76.1

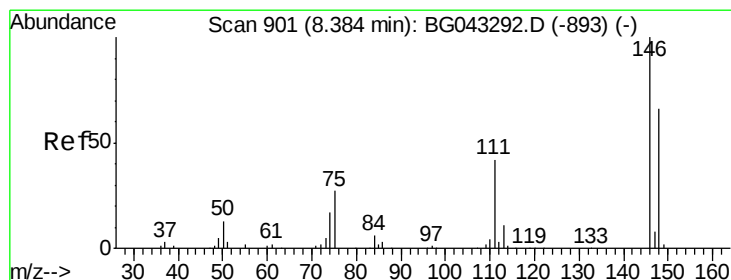
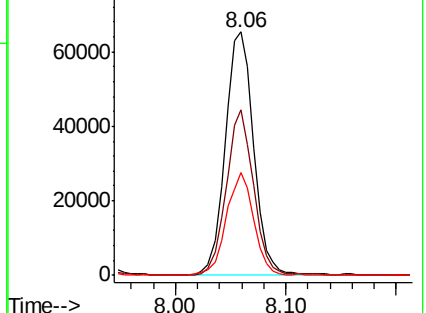
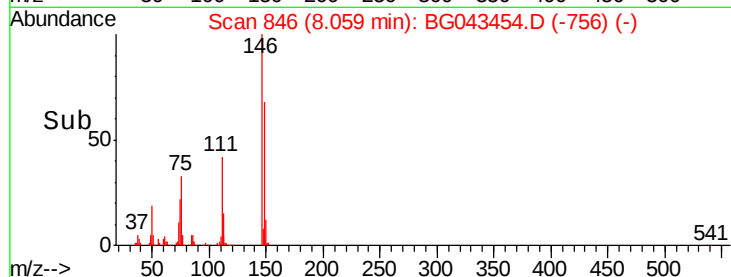
111 42.3 33.0 49.6



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



#14

1,2-Dichlorobenzene

Concen: 38.934 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

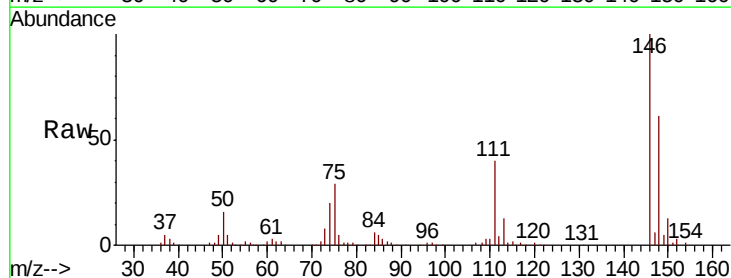
Tgt Ion:146 Resp: 114932

Ion Ratio Lower Upper

146 100

148 60.9 53.0 79.4

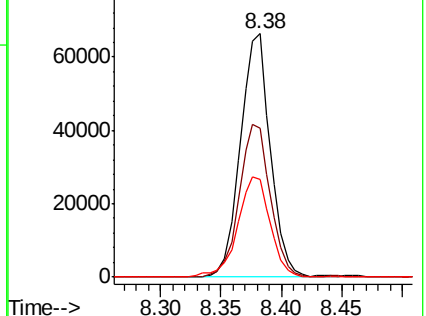
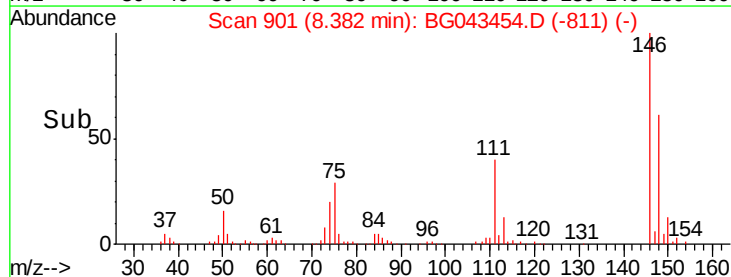
111 39.9 34.5 51.7

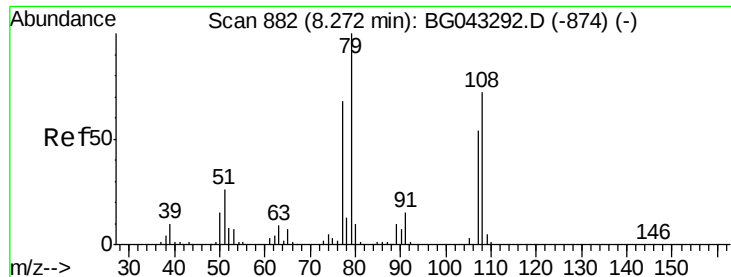


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.487 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

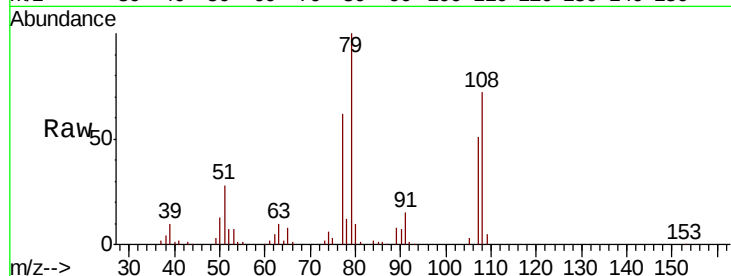
Tot Ion: 79 Resp: 86206

Ion Ratio Lower Upper

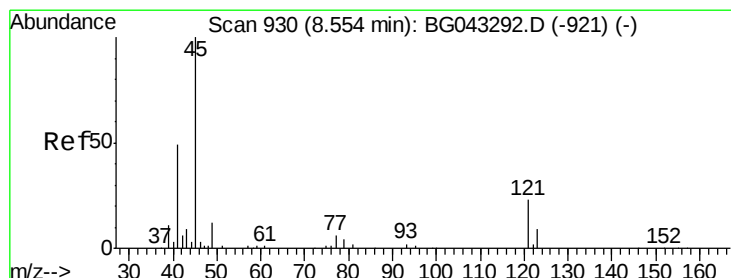
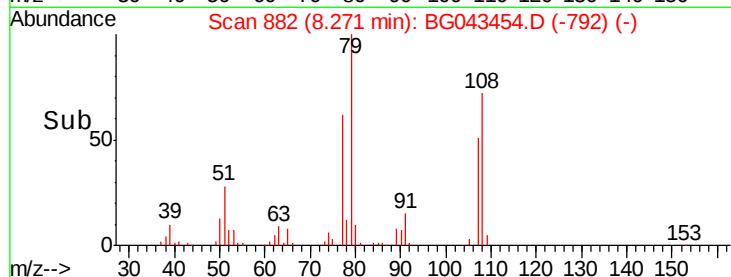
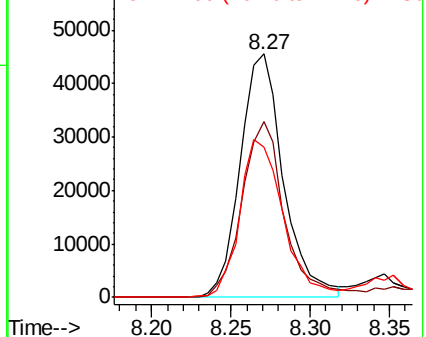
79 100

108 72.2 57.3 85.9

77 61.7 54.6 81.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.212 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

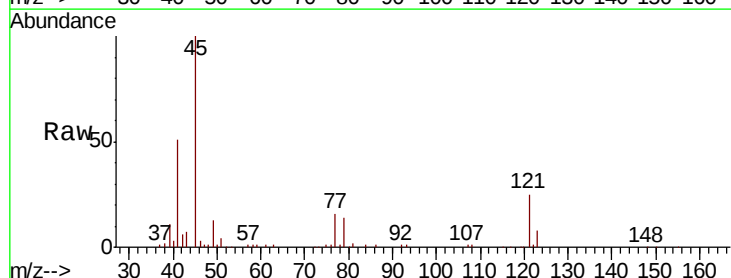
Tgt Ion: 45 Resp: 122026

Ion Ratio Lower Upper

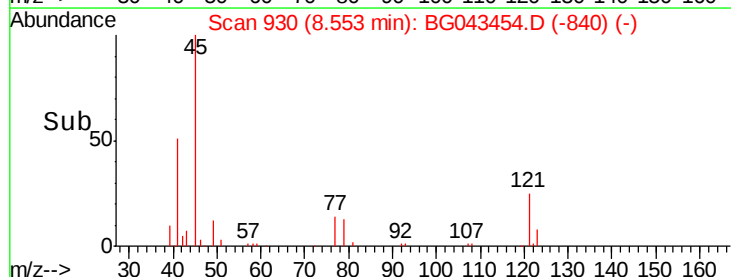
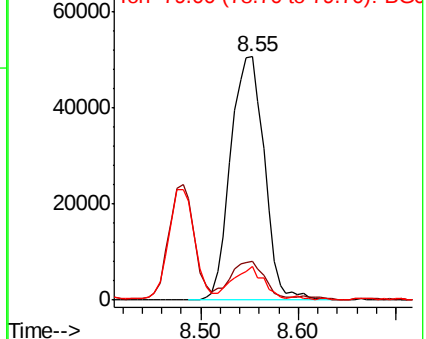
45 100

77 15.8 0.0 34.2

79 13.6 0.0 32.3



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

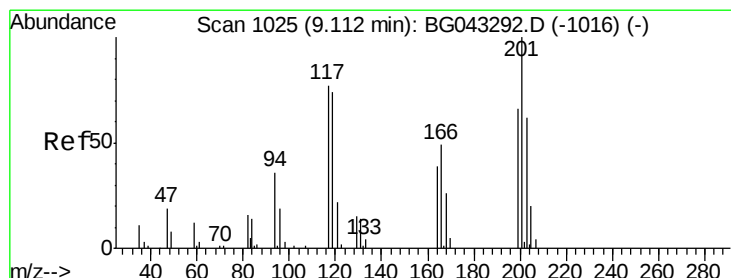
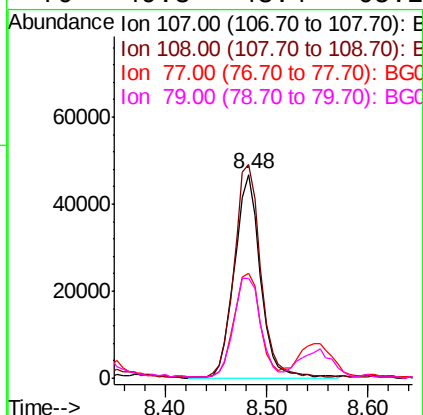
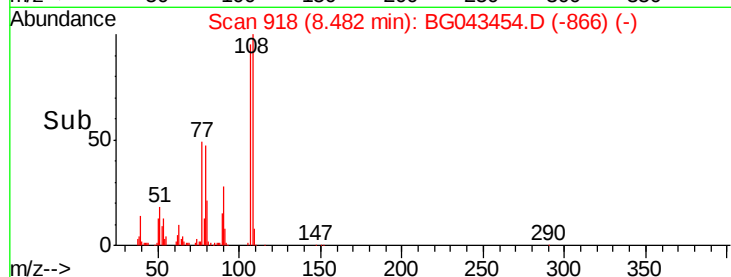
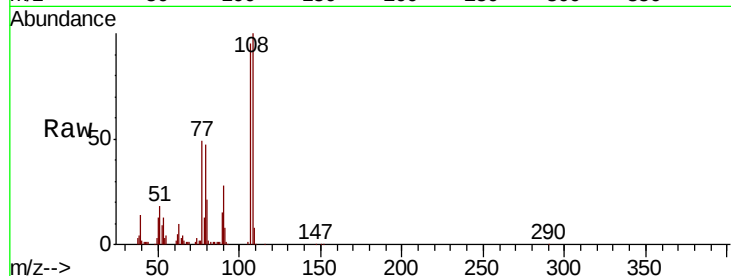




#17
2-Methylphenol
Concen: 40.574 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

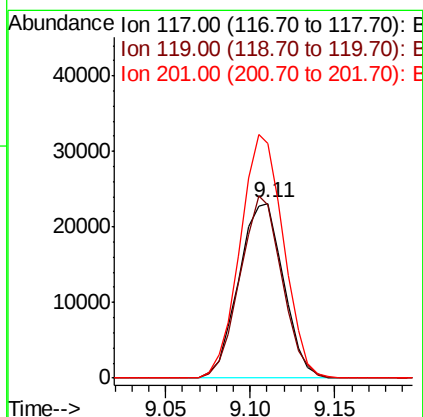
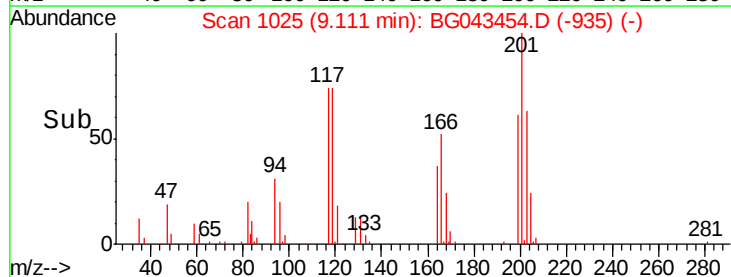
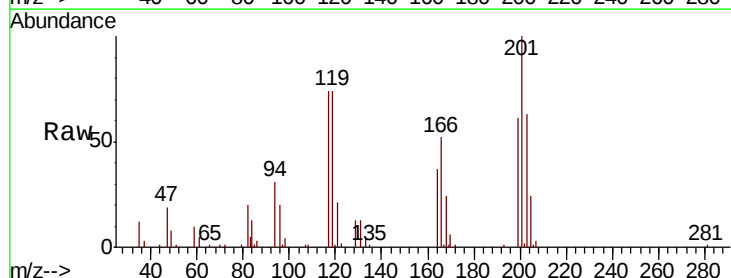
Instrument :
BNA_G
ClientSampleId :

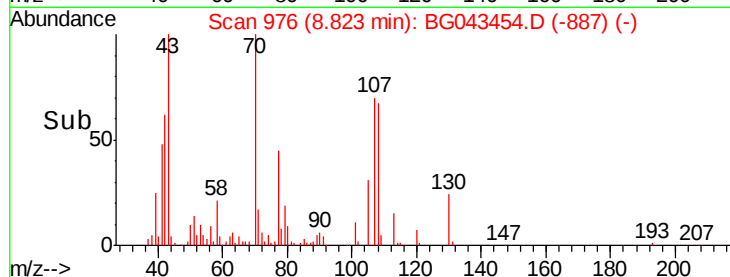
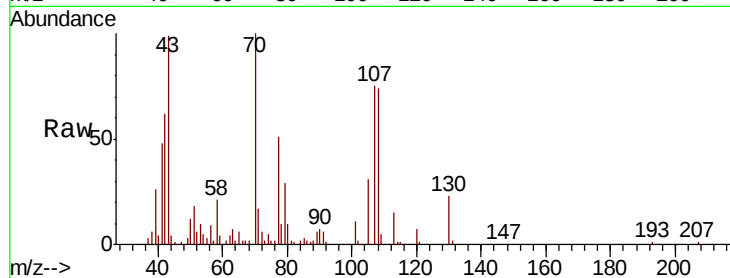
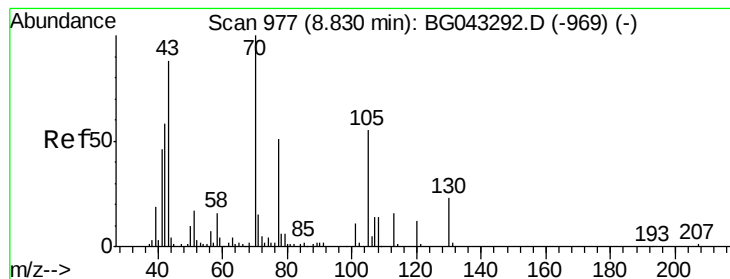
Tot Ion:	107	Resp:	84019
Ion	Ratio	Lower	Upper
107	100		
108	104.9	91.3	136.9
77	51.5	43.0	64.6
79	49.3	43.4	65.2



#18
Hexachloroethane
Concen: 39.065 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Tgt Ion:	117	Resp:	42612
Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.3	115.9
201	136.9	104.2	156.4





#19

n-Nitroso-di-n-propylamine

Concen: 36.542 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 73400

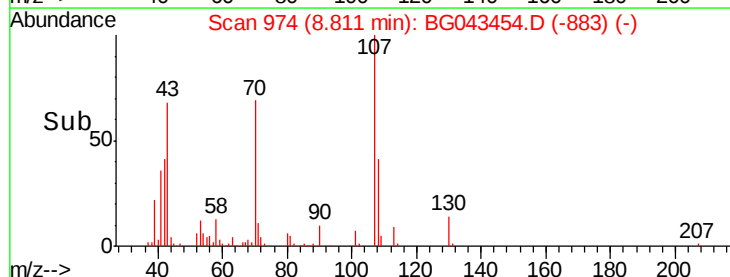
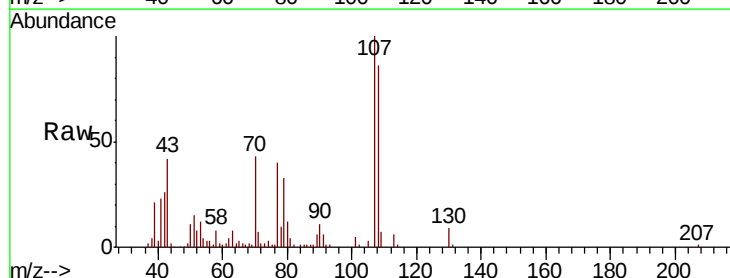
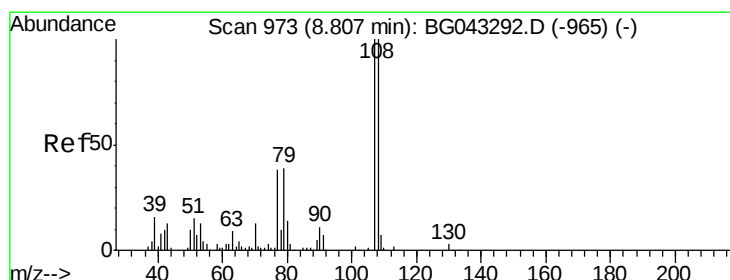
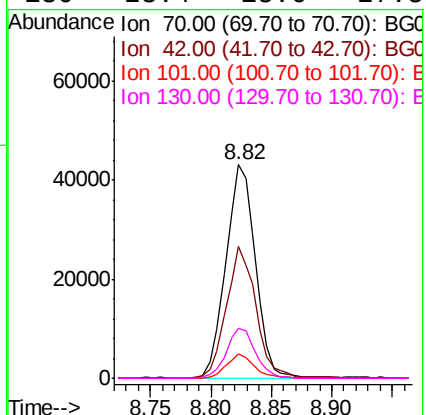
Ion Ratio Lower Upper

70 100

42 61.7 46.2 69.2

101 11.4 8.6 13.0

130 23.4 18.6 27.8



#20

3+4-Methylphenols

Concen: 38.052 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Tgt Ion:107 Resp: 108051

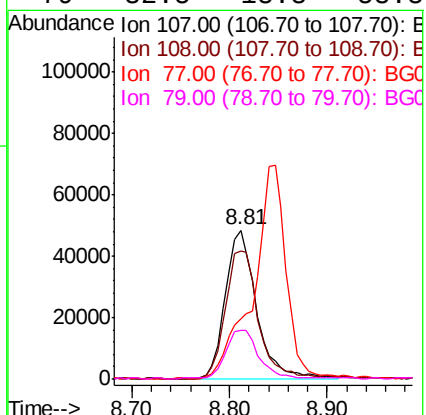
Ion Ratio Lower Upper

107 100

108 85.5 80.3 120.3

77 40.3 18.2 58.2

79 32.5 18.8 58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 156408

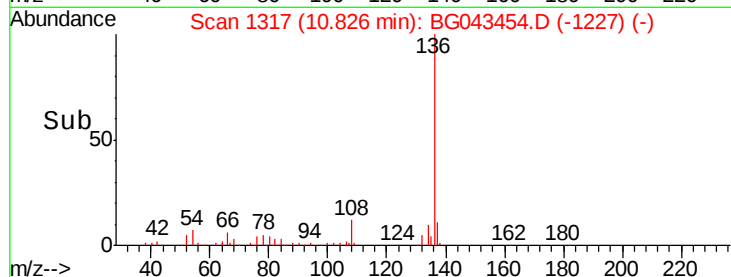
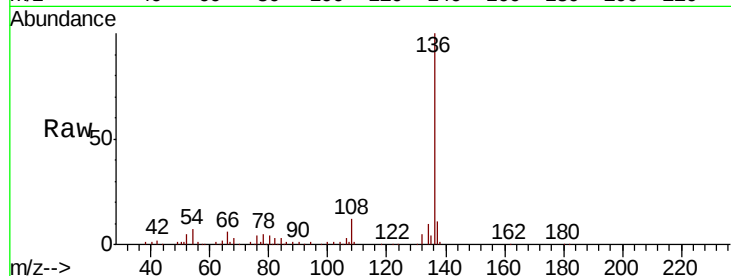
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 7.4 5.4 8.2

68 3.0 3.3 4.9#

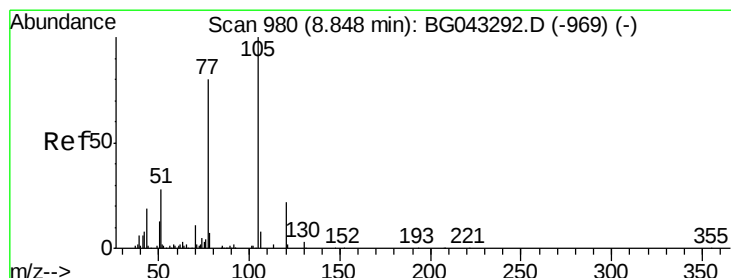
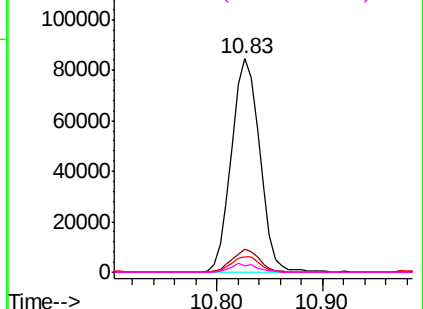


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.345 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Tgt Ion:105 Resp: 153588

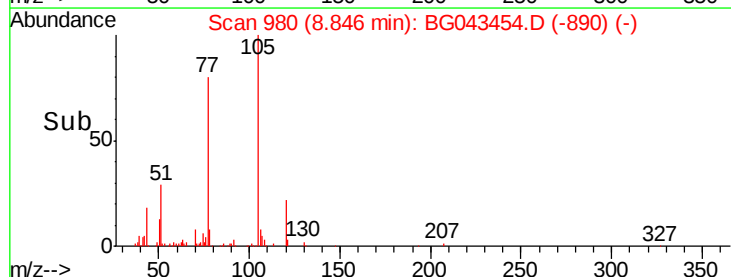
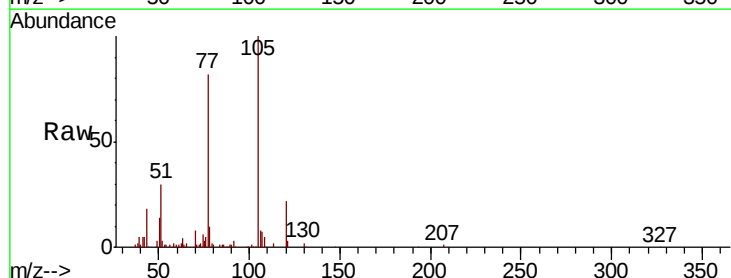
Ion Ratio Lower Upper

105 100

71 1.5 1.5 2.3#

51 29.8 23.9 35.9

120 22.3 17.3 25.9

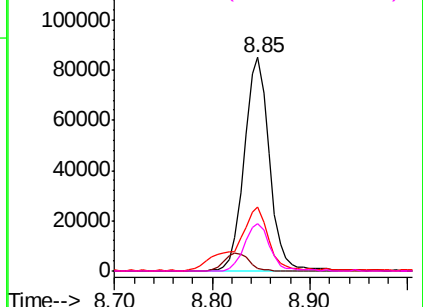


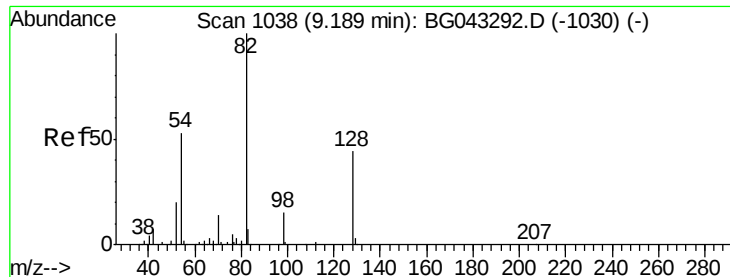
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

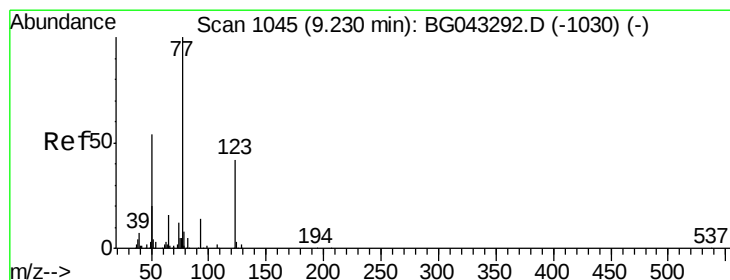
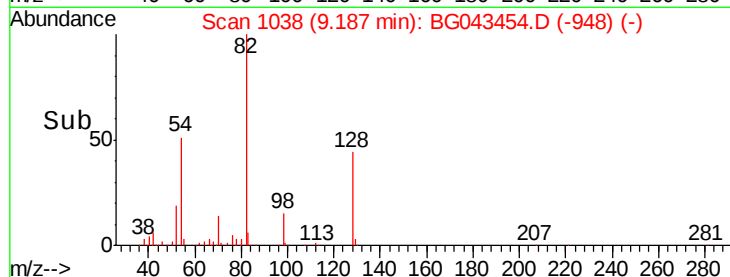
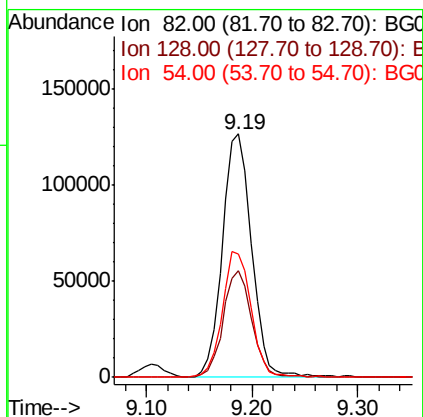
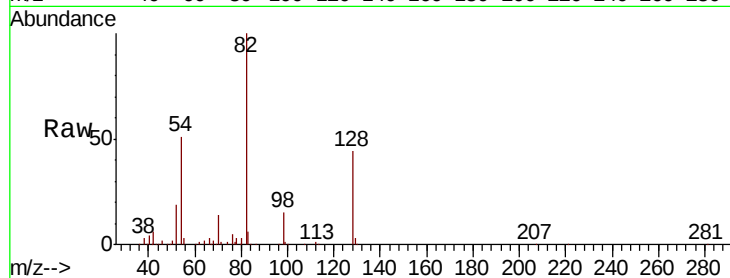




#23
 Nitrobenzene-d5
 Concen: 79.497 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

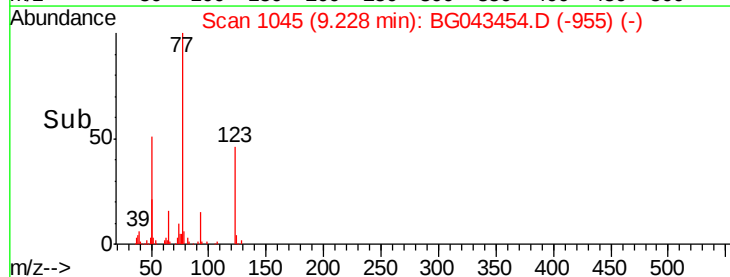
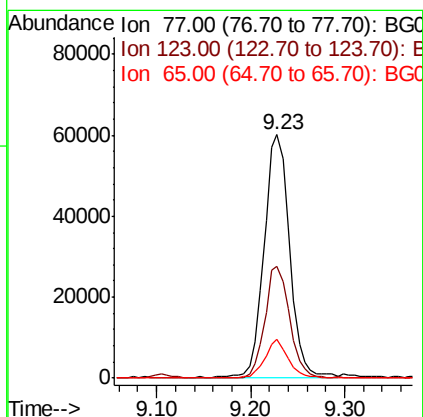
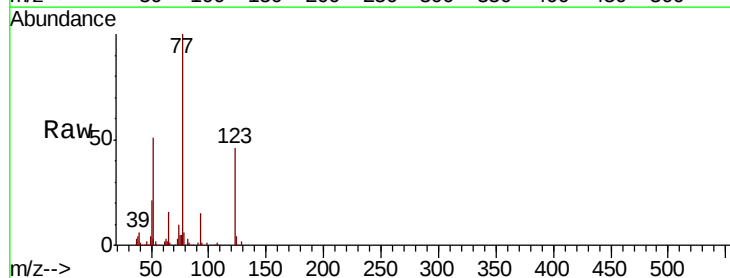
Instrument :
 BNA_G
 ClientSampleId :

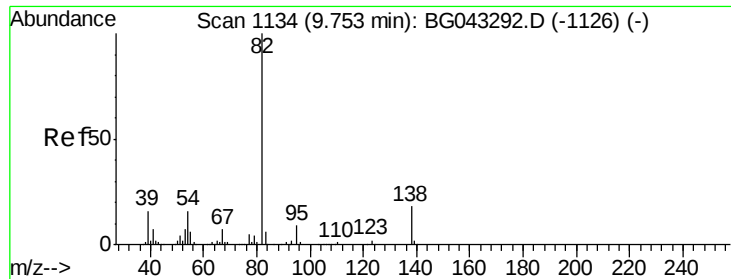
Tot Ion	82	Resp	241182
Ion Ratio	Lower	Upper	
82	100		
128	44.0	35.3	52.9
54	50.6	42.3	63.5



#24
 Nitrobenzene
 Concen: 39.405 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Tgt Ion	77	Resp	113882
Ion Ratio	Lower	Upper	
77	100		
123	45.7	33.8	50.8
65	15.8	13.0	19.4





#25

Isophorone

Concen: 36.433 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

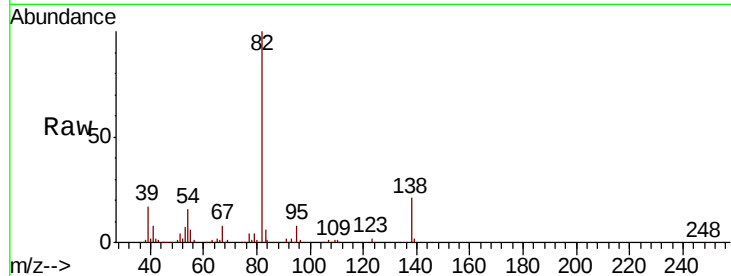
Tot Ion: 82 Resp: 202080

Ion Ratio Lower Upper

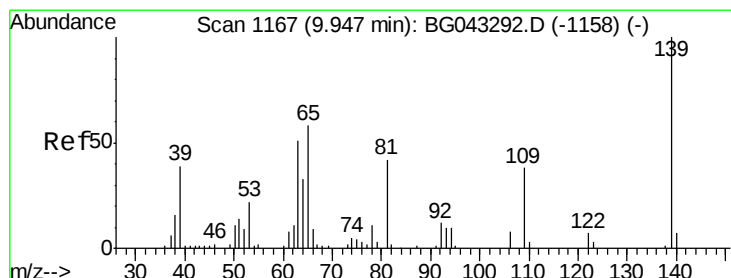
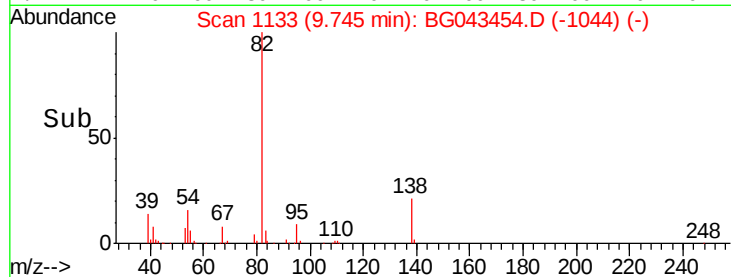
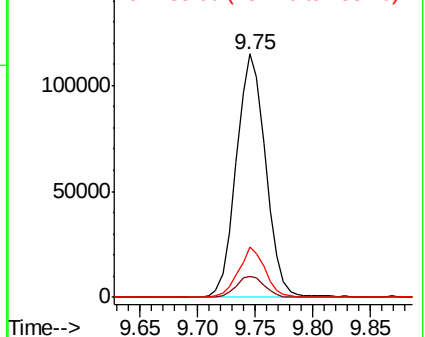
82 100

95 8.5 6.9 10.3

138 20.7 14.2 21.2



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



#26

2-Nitrophenol

Concen: 39.237 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

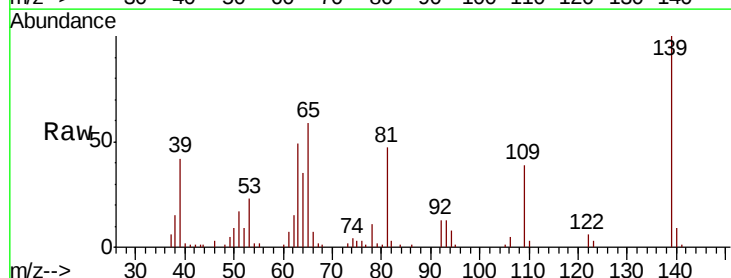
Tgt Ion: 139 Resp: 54747

Ion Ratio Lower Upper

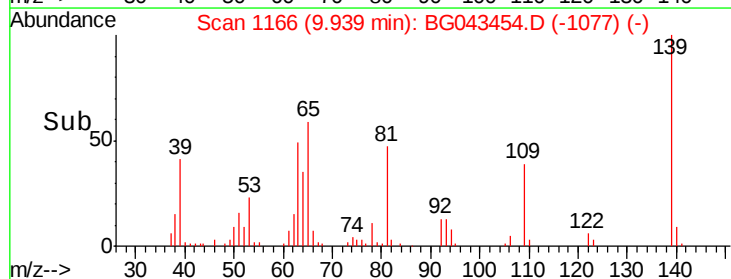
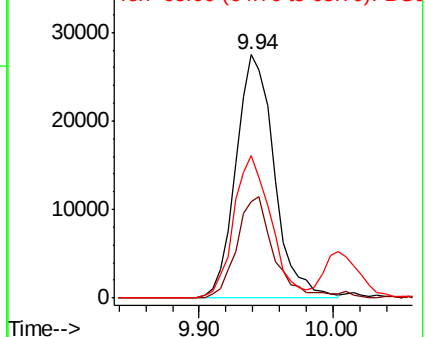
139 100

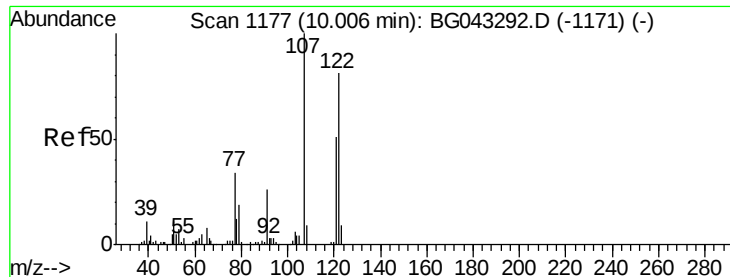
109 39.4 30.1 45.1

65 58.7 46.1 69.1



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

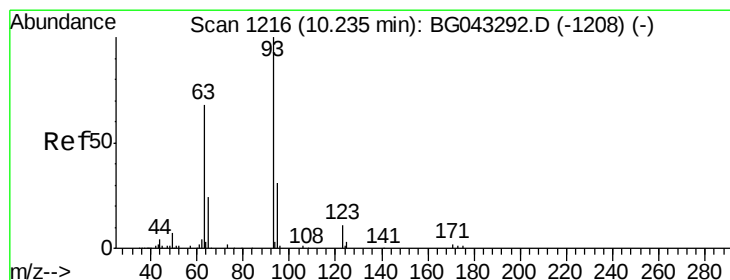
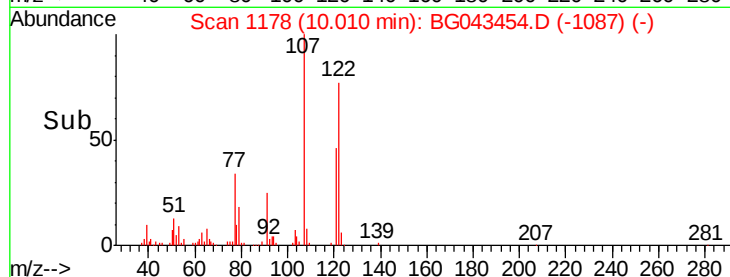
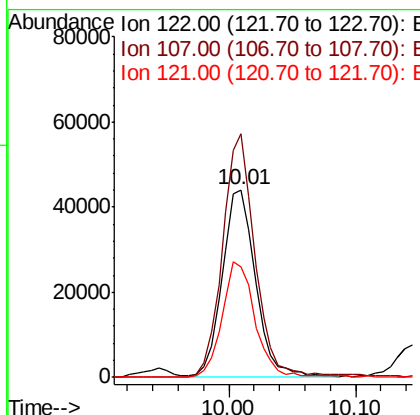
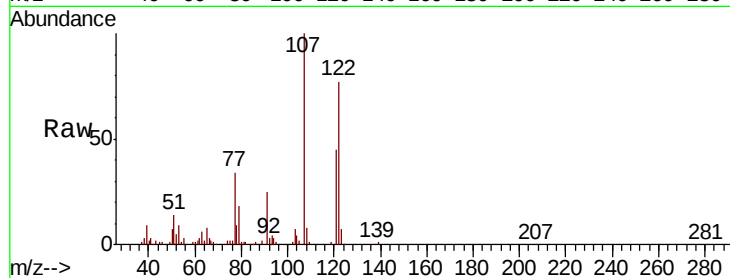




#27
 2,4-Dimethylphenol
 Concen: 39.638 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

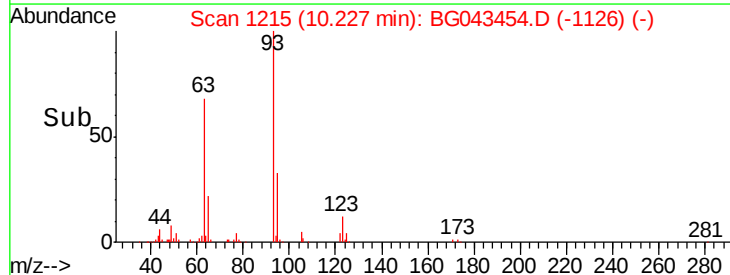
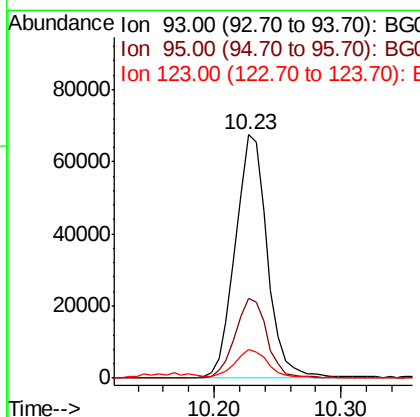
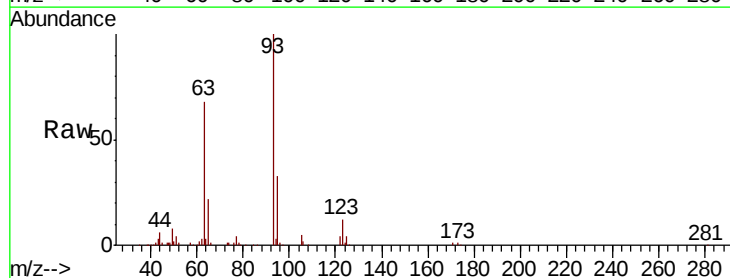
Instrument :
 BNA_G
 ClientSampleId :

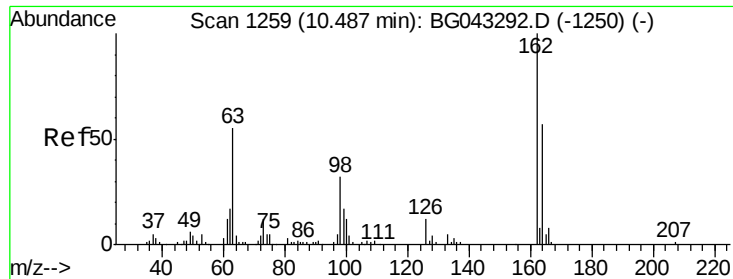
Tot Ion:122 Resp: 79268
 Ion Ratio Lower Upper
 122 100
 107 129.7 98.6 147.8
 121 58.8 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.570 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Tgt Ion: 93 Resp: 118074
 Ion Ratio Lower Upper
 93 100
 95 32.5 24.9 37.3
 123 11.6 8.9 13.3

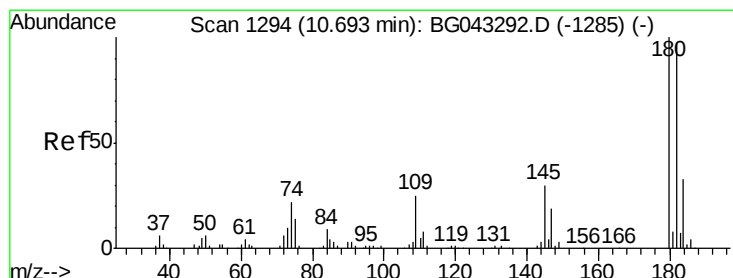
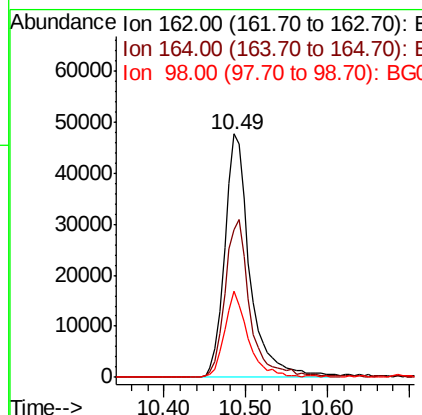
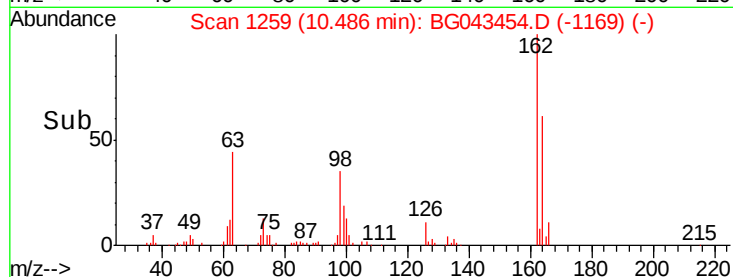
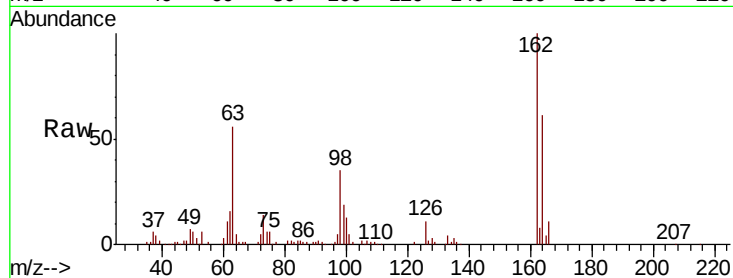




#29
 2,4-Dichlorophenol
 Concen: 40.053 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

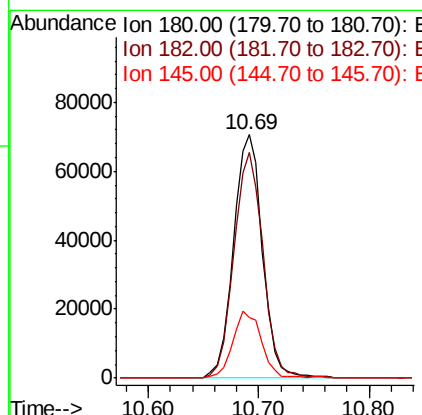
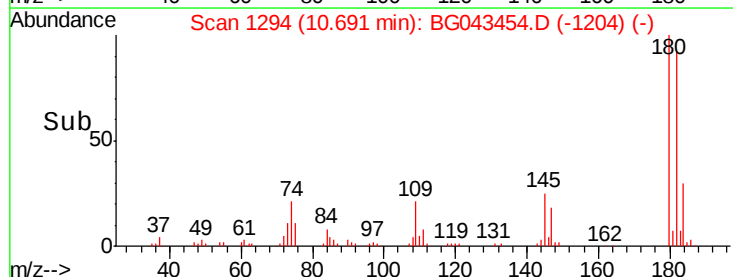
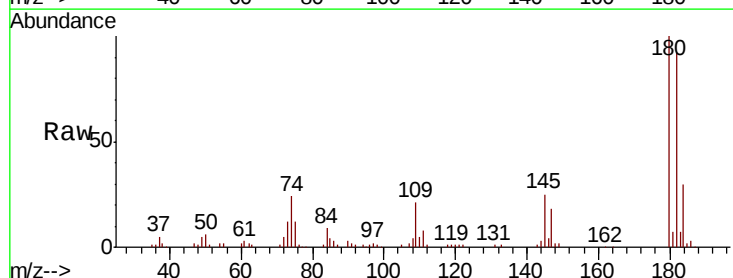
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.6	37.3	77.3
98	35.2	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.109 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	77.8	116.8
145	24.6	23.6	35.4

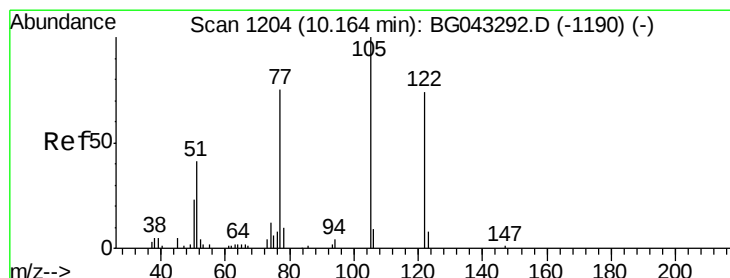
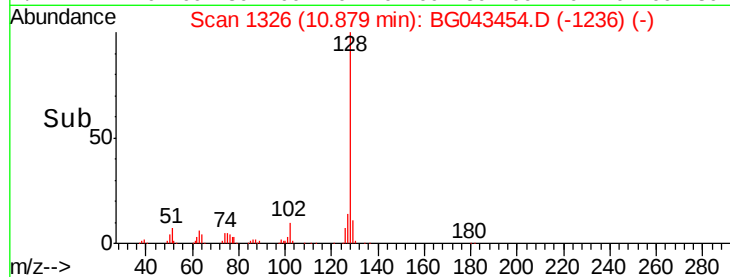
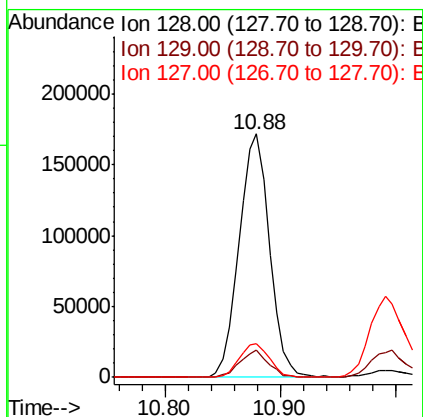
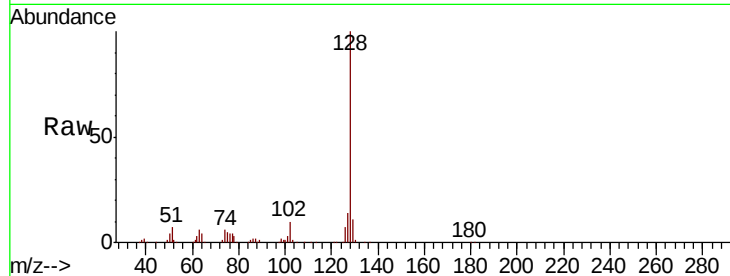




#31
Naphthalene
Concen: 39.538 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

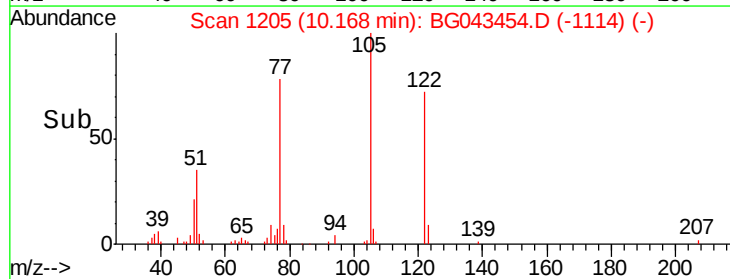
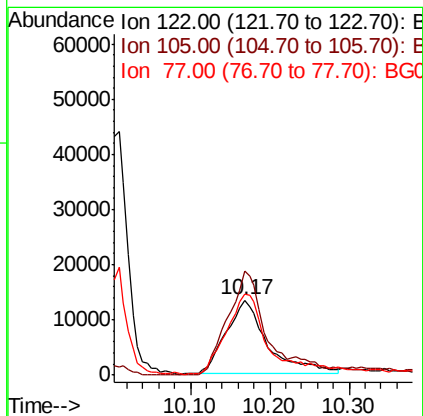
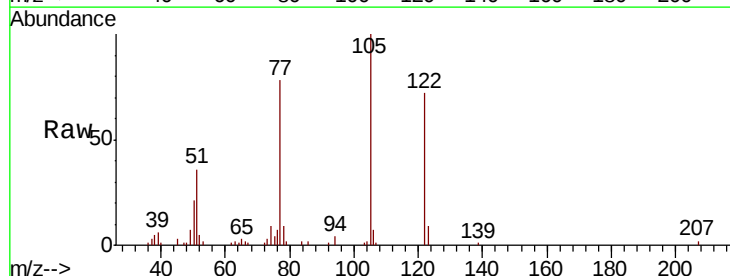
Instrument :
BNA_G
ClientSampleId :

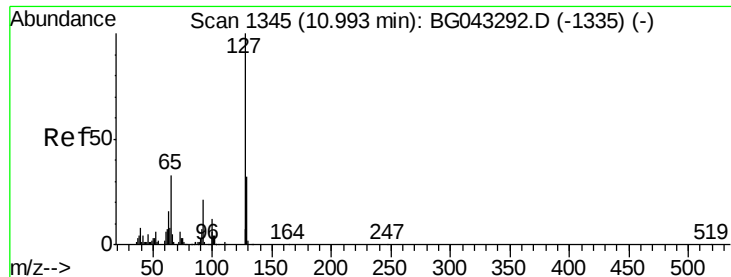
Tot Ion:128 Resp: 313899
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.7 11.5 17.3



#32
Benzoic acid
Concen: 34.893 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Tgt Ion:122 Resp: 48631
Ion Ratio Lower Upper
122 100
105 139.0 112.4 152.4
77 108.8 82.7 122.7

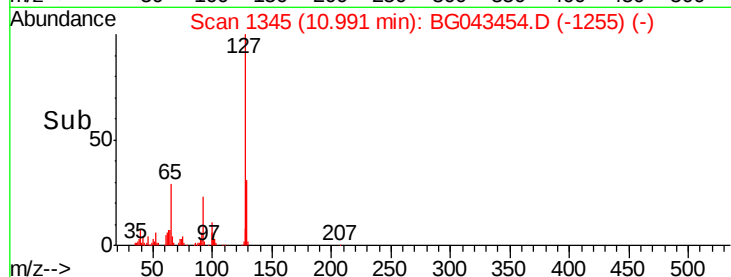
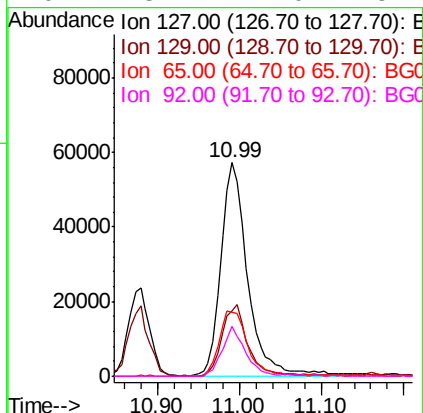
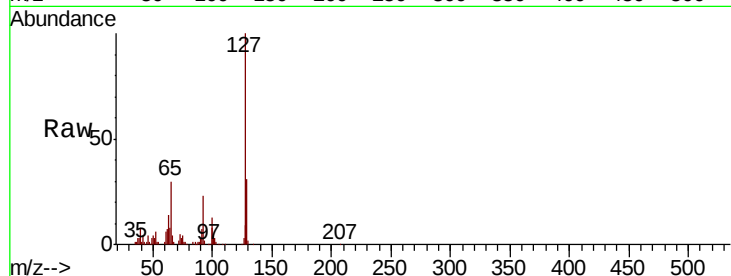




#33
4-Chloroaniline
Concen: 40.212 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

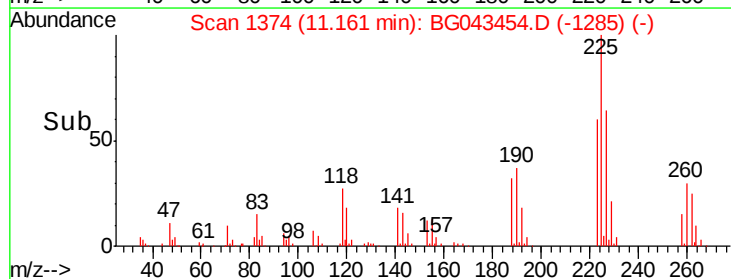
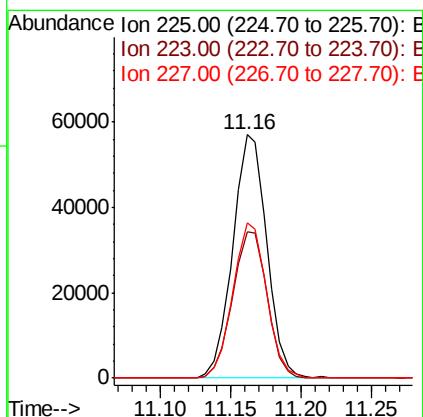
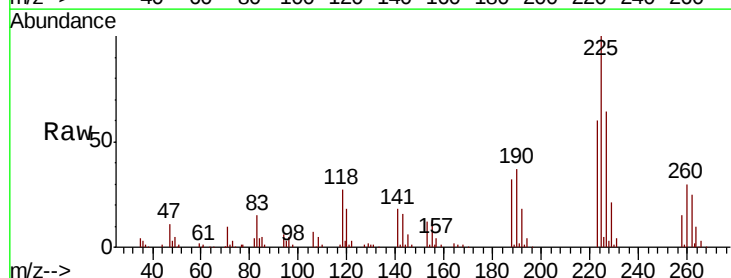
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	130864
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.8	38.8
65	29.8	26.2	39.2
92	23.2	17.0	25.4



#34
Hexachlorobutadiene
Concen: 40.089 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Tgt Ion:	225	Resp:	95704
Ion	Ratio	Lower	Upper
225	100		
223	60.3	53.2	79.8
227	63.7	56.2	84.2

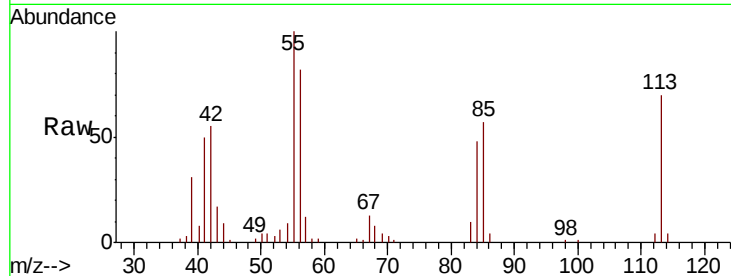




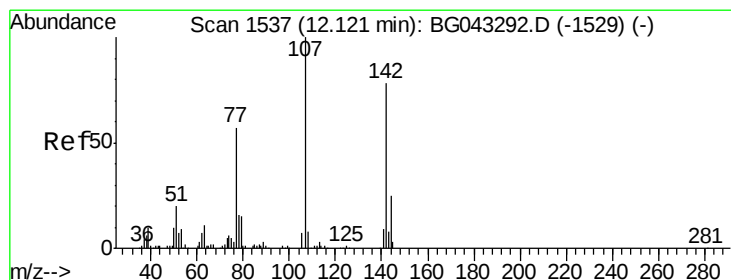
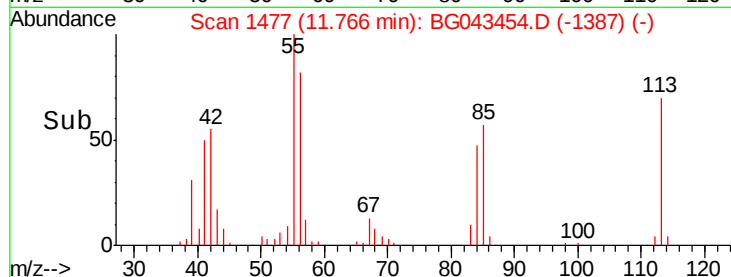
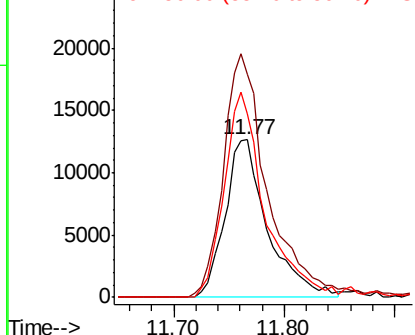
#35
 Caprolactam
 Concen: 38.602 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 34065
 Ion Ratio Lower Upper
 113 100
 55 141.9 158.9 198.9#
 56 116.5 121.4 161.4#

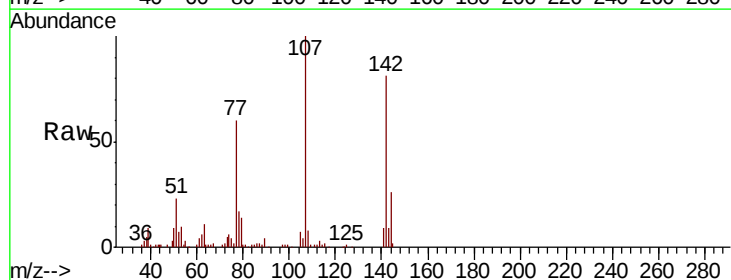


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

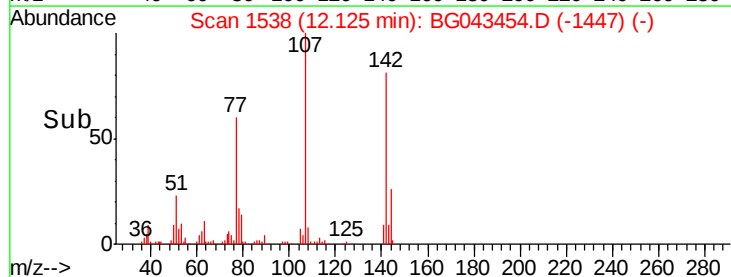
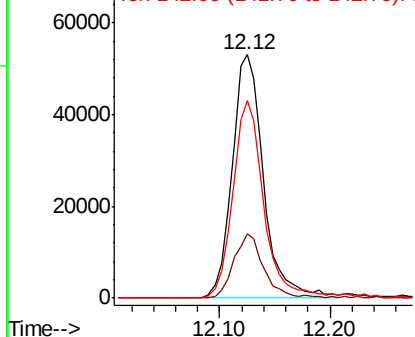


#36
 4-Chloro-3-methylphenol
 Concen: 37.857 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Tgt Ion:107 Resp: 105807
 Ion Ratio Lower Upper
 107 100
 144 26.4 19.9 29.9
 142 81.0 62.1 93.1



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

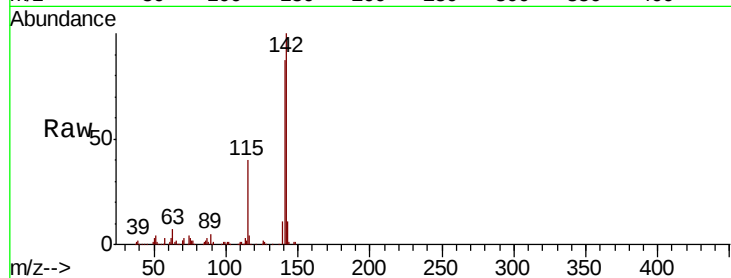




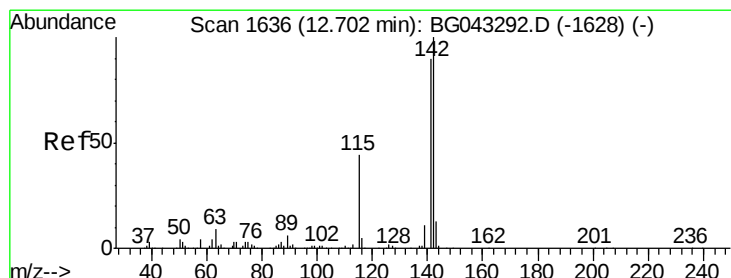
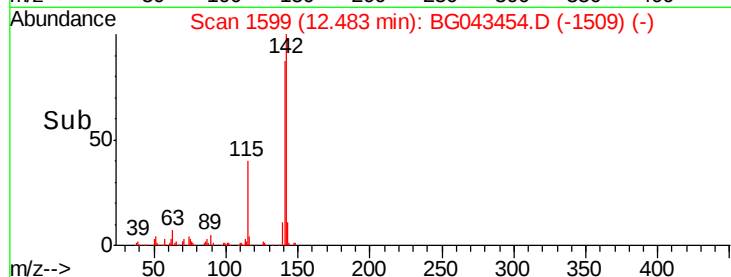
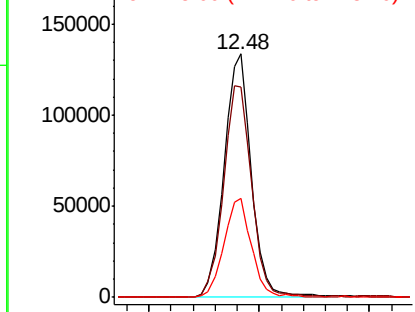
#37
2-Methylnaphthalene
Concen: 37.862 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.7	104.5
115	40.4	30.6	46.0

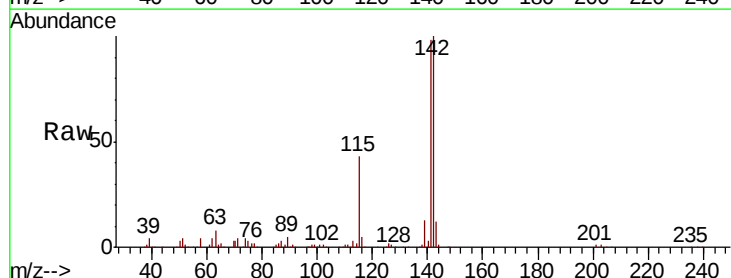


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

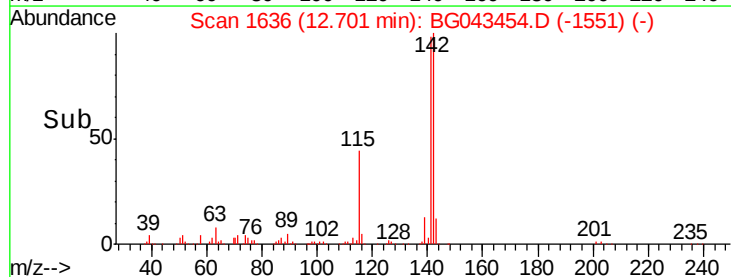
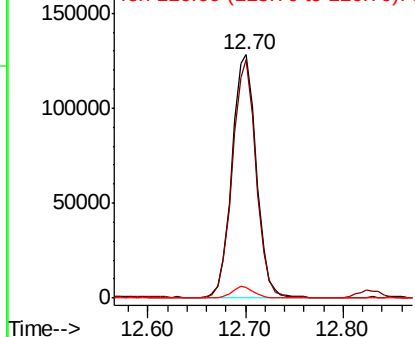


#38
1-Methylnaphthalene
Concen: 37.892 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.9	72.3	108.5
116	4.6	3.8	5.6



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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

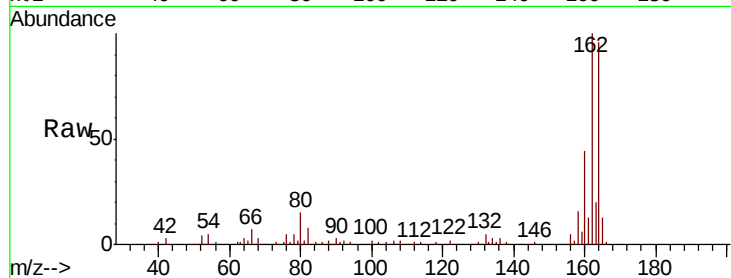
Tot Ion:164 Resp: 109566

Ion Ratio Lower Upper

164 100

162 104.4 87.0 130.4

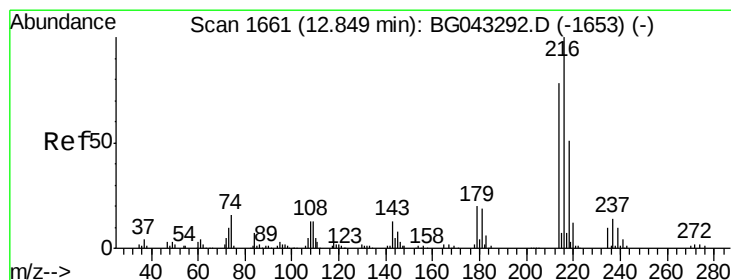
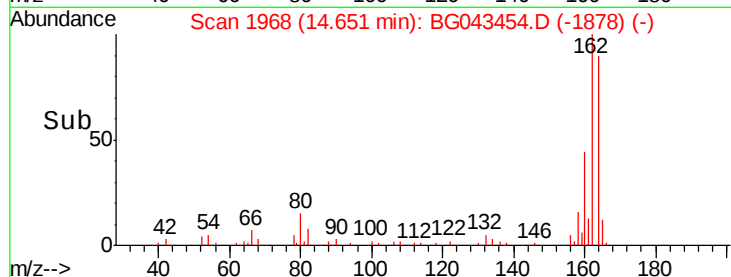
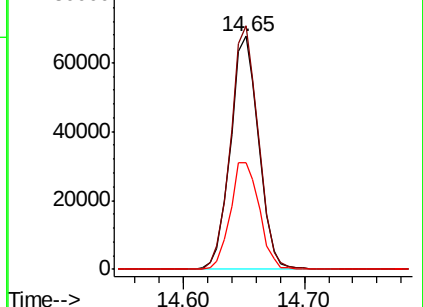
160 45.7 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.546 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Tgt Ion:216 Resp: 164411

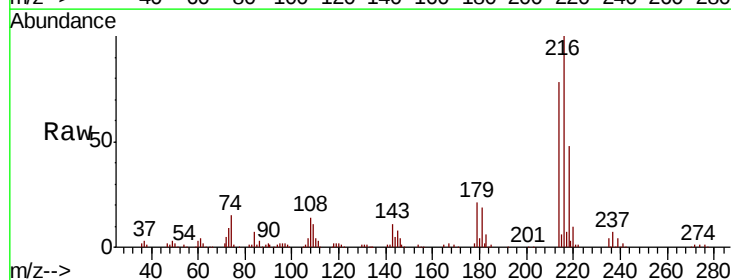
Ion Ratio Lower Upper

216 100

214 78.0 63.5 95.3

179 19.9 16.2 24.2

108 14.0 11.2 16.8

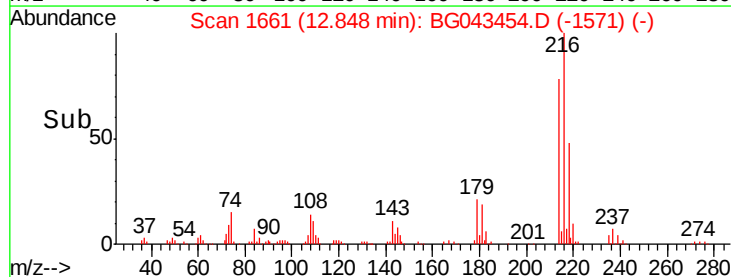
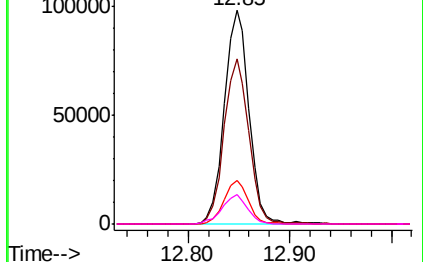


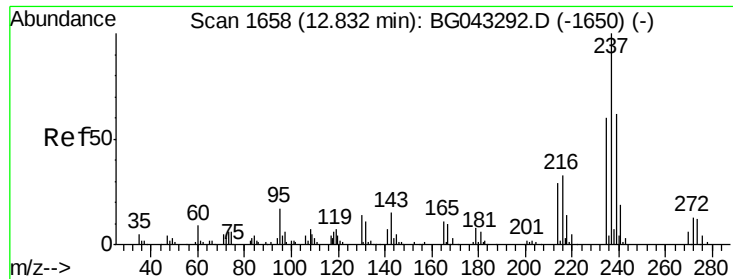
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

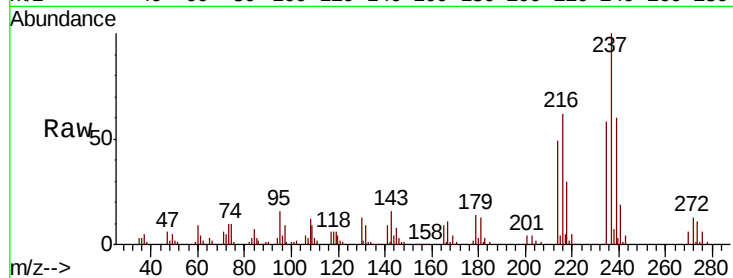




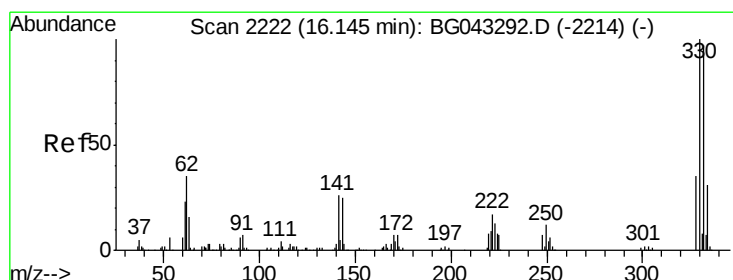
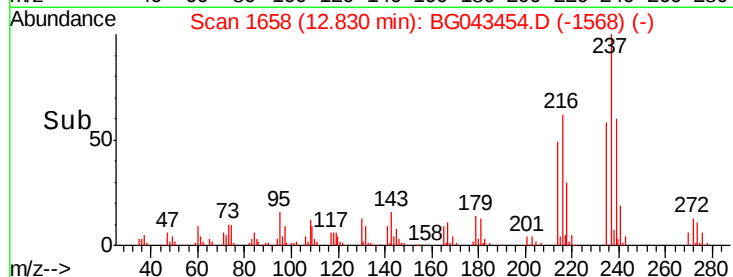
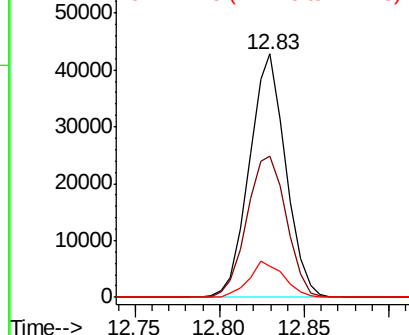
#41
Hexachlorocyclopentadiene
Concen: 30.014 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 63932
Ion Ratio Lower Upper
237 100
235 57.8 40.3 80.3
272 12.9 0.0 32.9

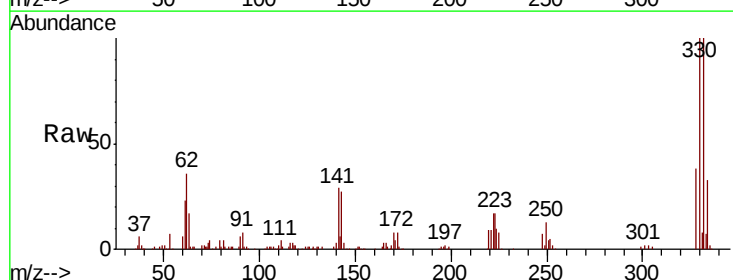


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

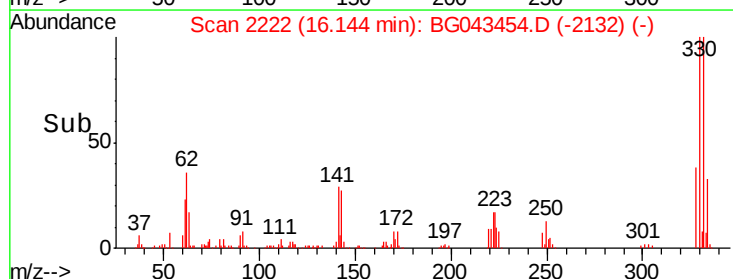
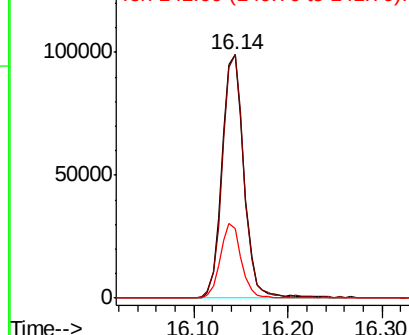


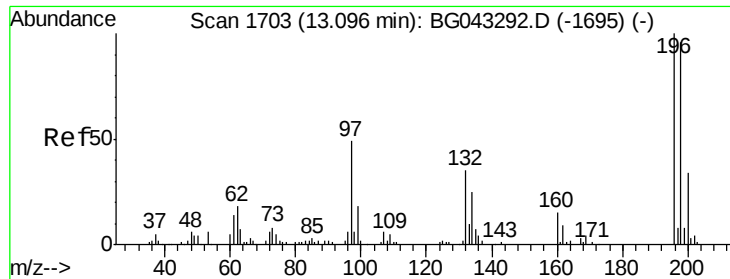
#42
2,4,6-Tribromophenol
Concen: 77.505 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Tgt Ion:330 Resp: 161601
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 29.7 21.4 32.0



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

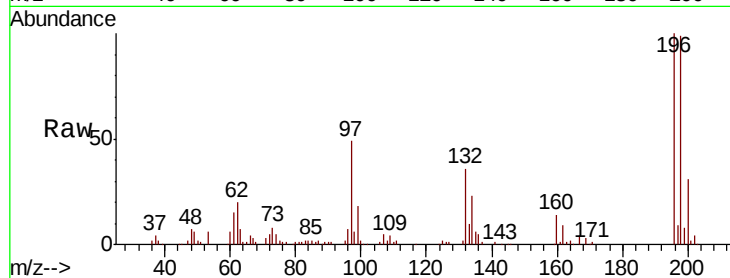




#43
 2,4,6-Trichlorophenol
 Concen: 39.886 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	95245
Ion Ratio	Lower	Upper	
196	100		
198	98.9	77.0	115.4
200	31.3	27.4	41.2

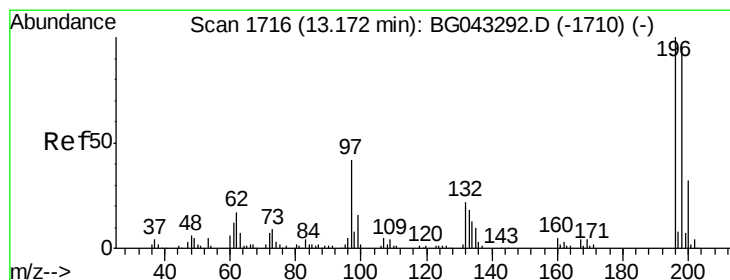
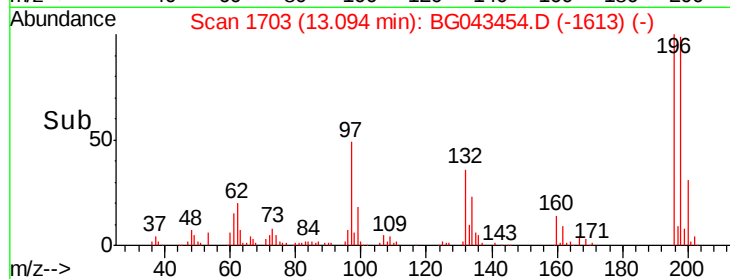
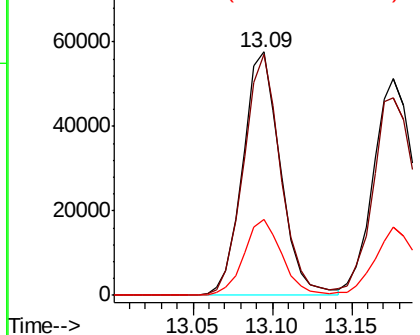


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.662 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Tgt Ion	196	Resp	100580
Ion Ratio	Lower	Upper	
196	100		
198	90.7	76.6	114.8
97	41.5	34.1	51.1
132	20.7	18.2	27.4

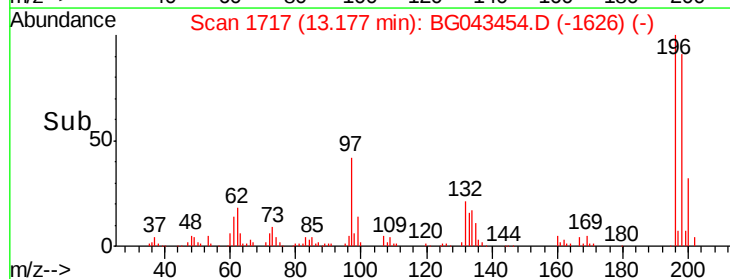
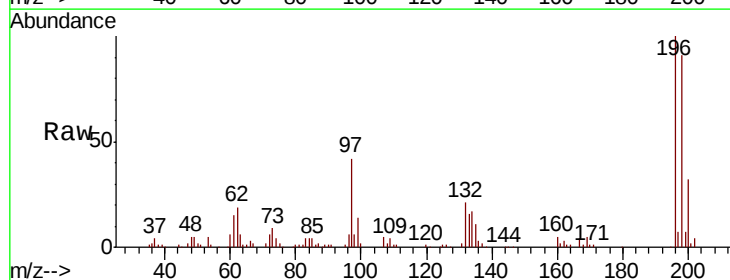
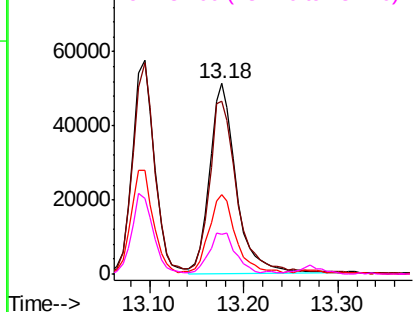
Abundance

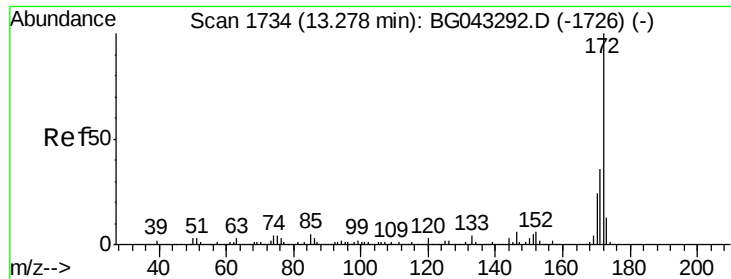
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

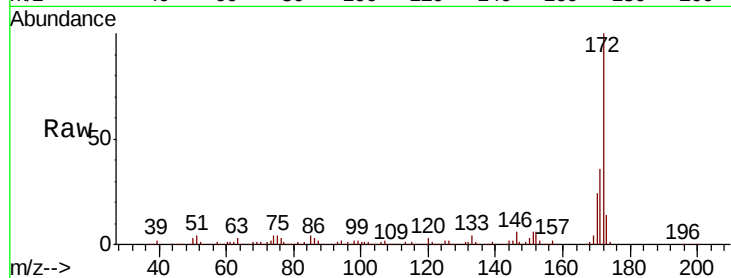




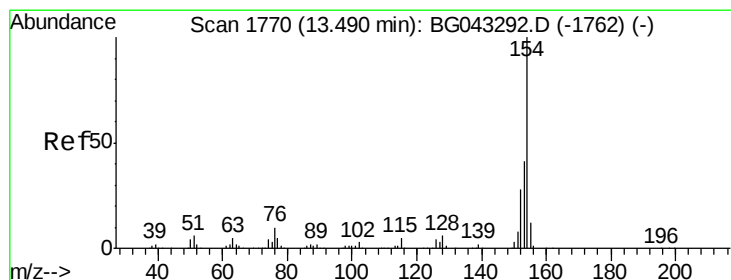
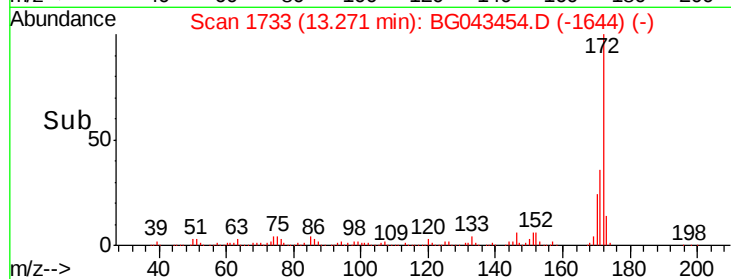
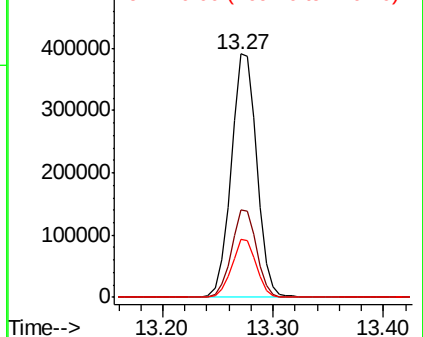
#45
 2-Fluorobiphenyl
 Concen: 80.523 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 638483
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 23.6 18.8 28.2

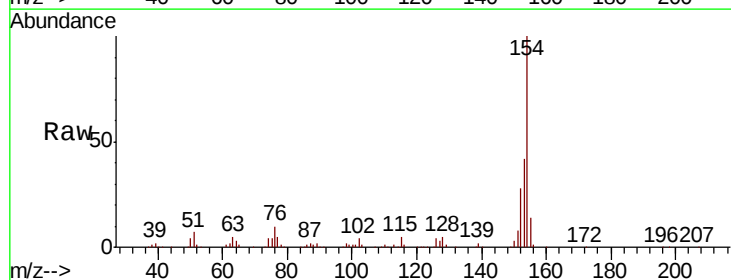


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

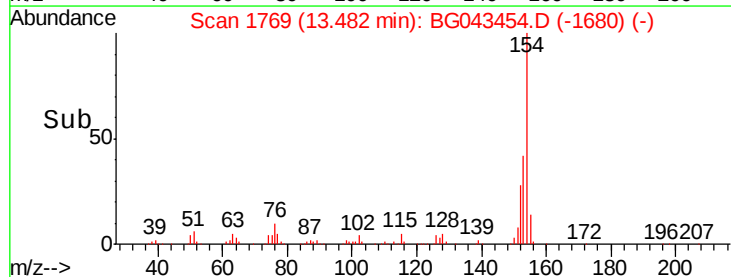
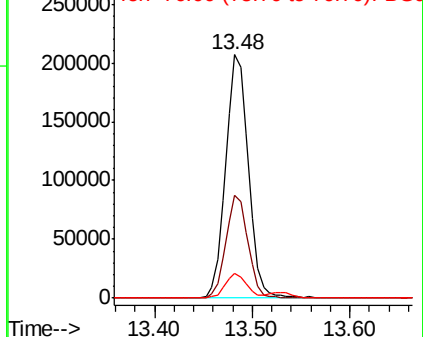


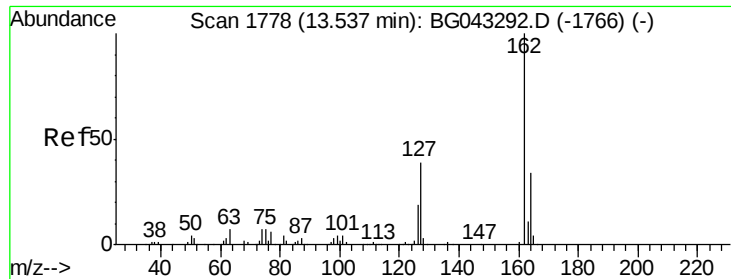
#46
 1,1'-Biphenyl
 Concen: 40.054 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Tgt Ion:154 Resp: 333861
 Ion Ratio Lower Upper
 154 100
 153 42.0 21.0 61.0
 76 10.1 0.0 29.8



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

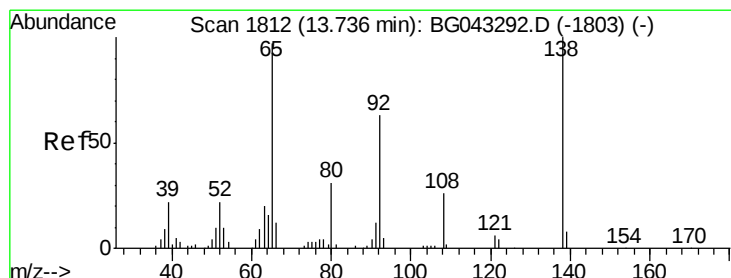
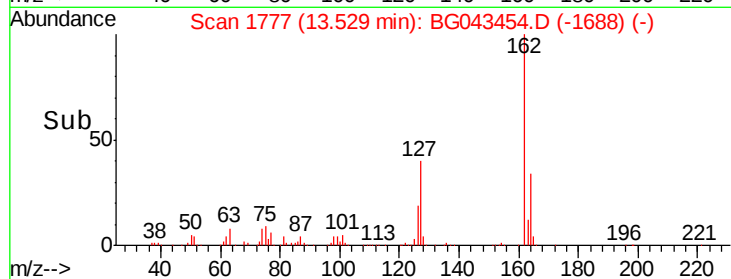
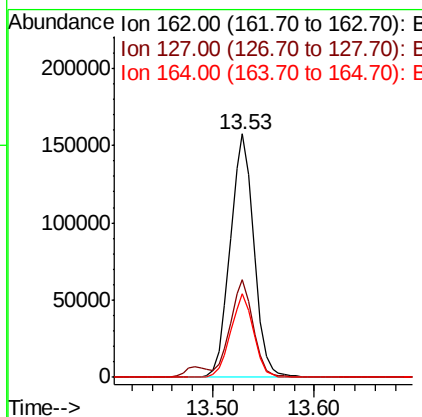
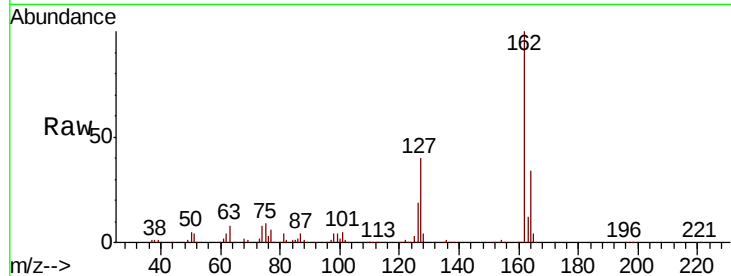




#47
 2-Chloronaphthalene
 Concen: 40.279 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

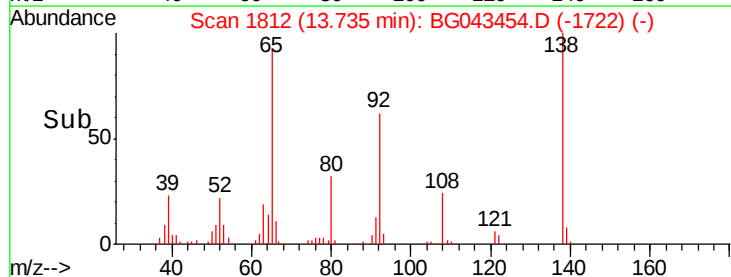
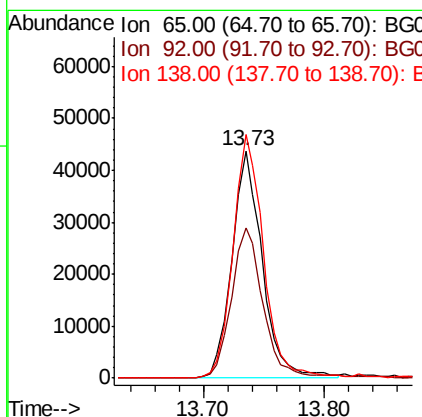
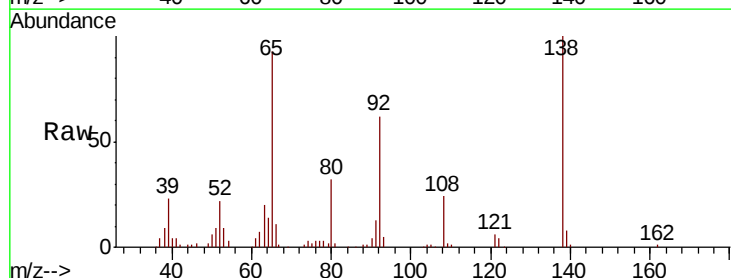
Instrument :
 BNA_G
 ClientSampleId :

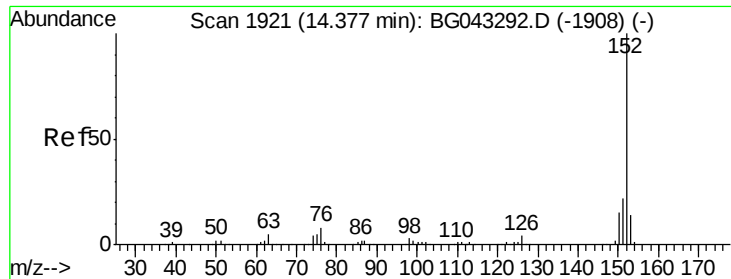
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	31.3	46.9
164	34.3	26.8	40.2



#48
 2-Nitroaniline
 Concen: 40.421 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	52.6	79.0
138	107.1	82.9	124.3





#49

Acenaphthylene

Concen: 40.141 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

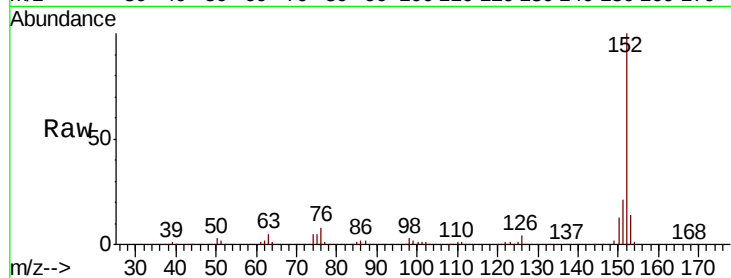
Tot Ion:152 Resp: 396203

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

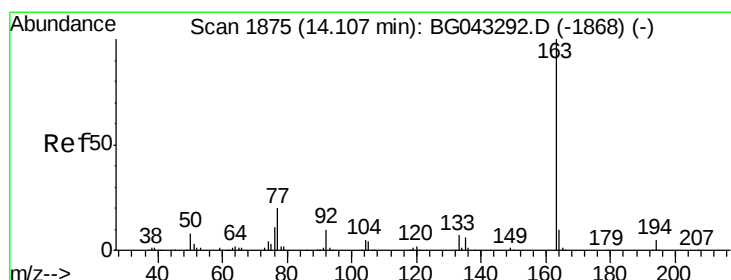
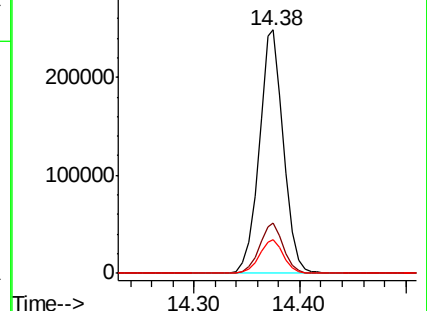
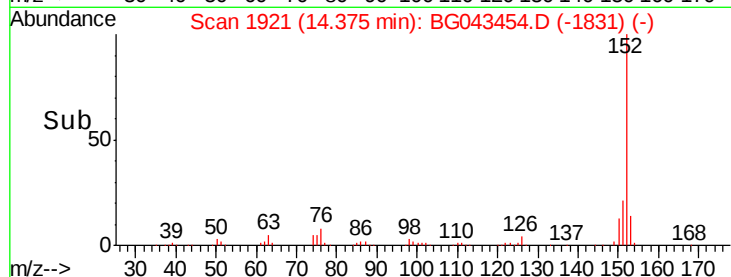
153 13.8 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.473 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

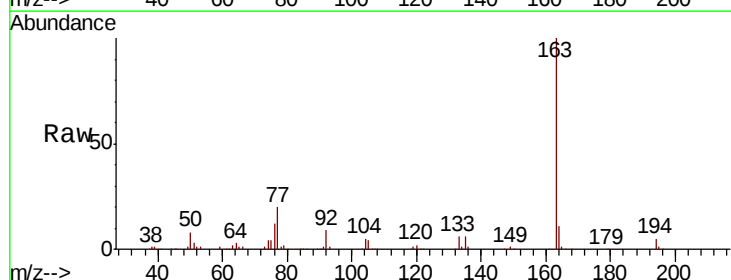
Tgt Ion:163 Resp: 326509

Ion Ratio Lower Upper

163 100

194 5.2 3.7 5.5

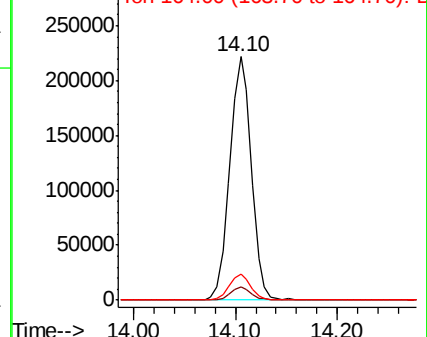
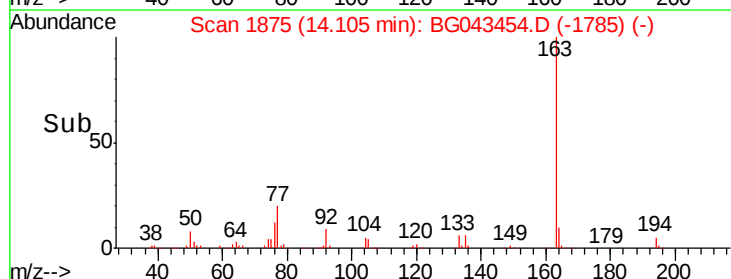
164 10.5 8.1 12.1

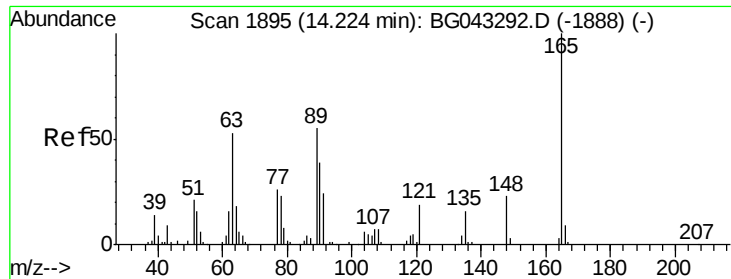


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

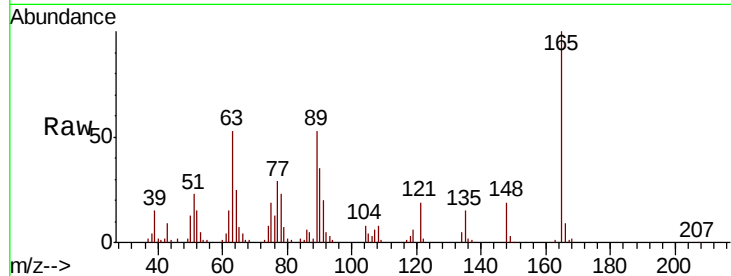




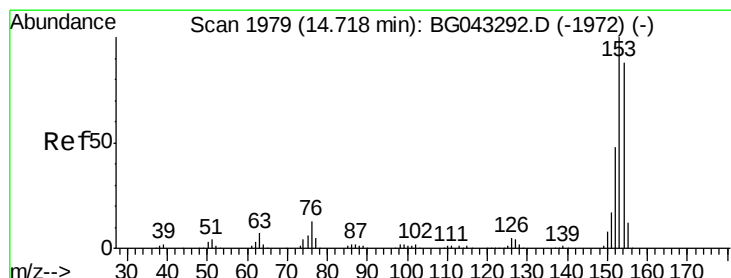
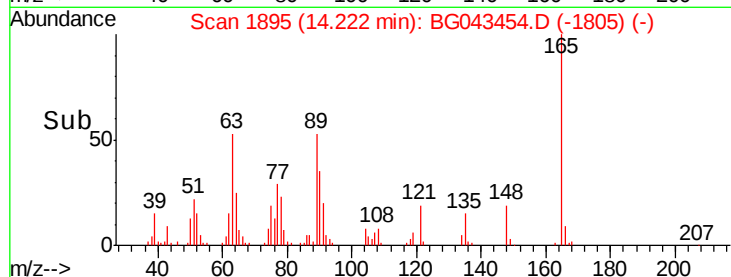
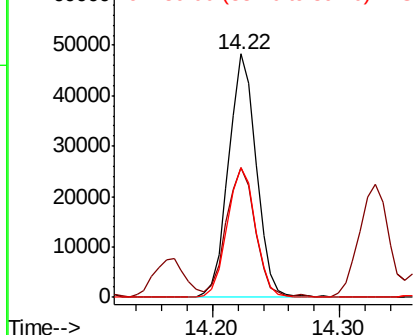
#51
 2,6-Dinitrotoluene
 Concen: 39.648 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 73100
 Ion Ratio Lower Upper
 165 100
 63 53.1 47.1 70.7
 89 53.5 43.7 65.5

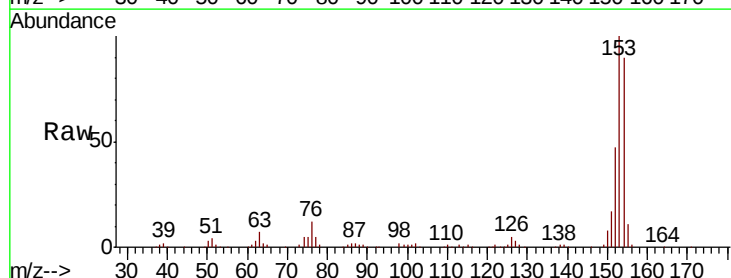


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

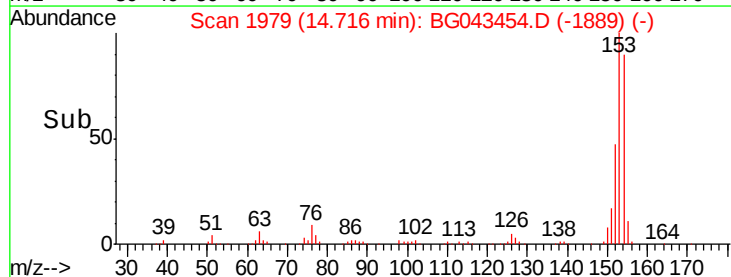
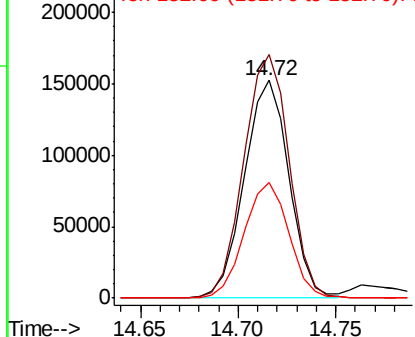


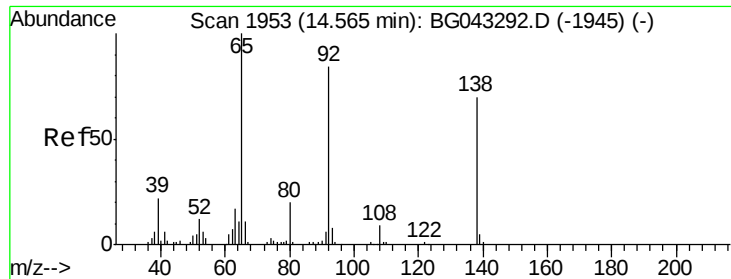
#52
 Acenaphthene
 Concen: 40.187 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Tgt Ion:154 Resp: 241895
 Ion Ratio Lower Upper
 154 100
 153 111.7 90.9 136.3
 152 52.8 43.9 65.9



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





#53

3-Nitroaniline

Concen: 41.629 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

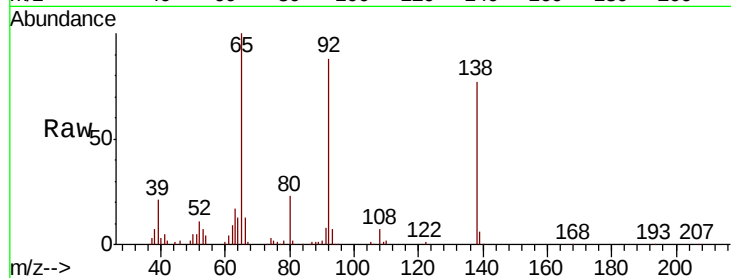
Tot Ion:138 Resp: 74103

Ion Ratio Lower Upper

138 100

108 9.5 9.8 14.6#

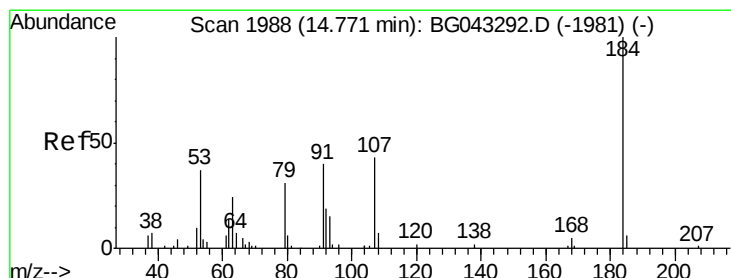
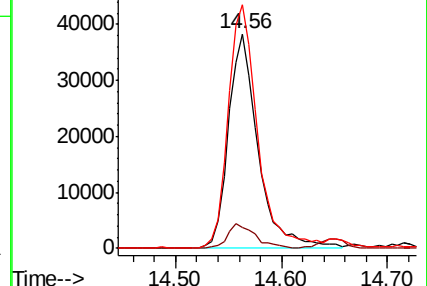
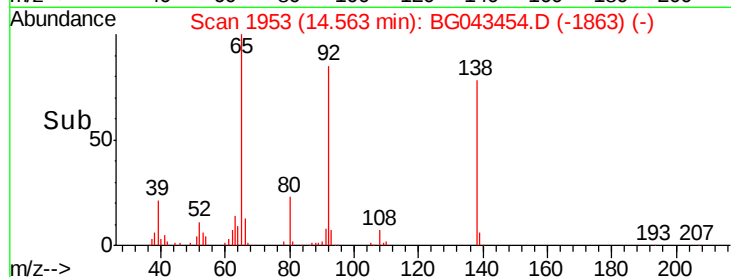
92 113.4 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 30.303 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

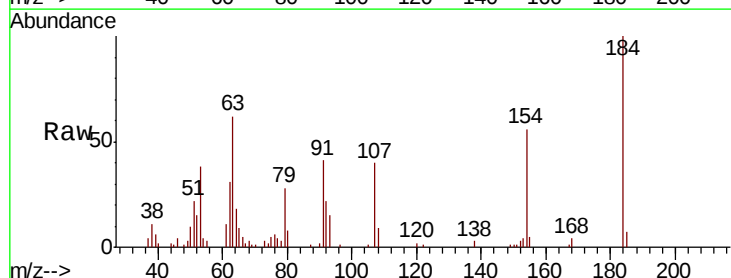
Tgt Ion:184 Resp: 29158

Ion Ratio Lower Upper

184 100

63 62.4 48.8 73.2

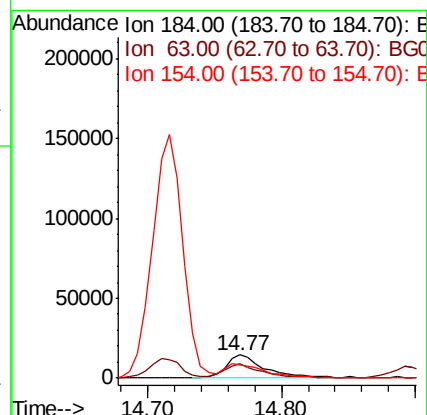
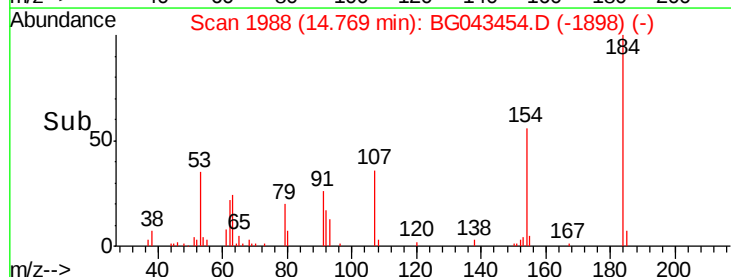
154 56.2 49.4 74.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

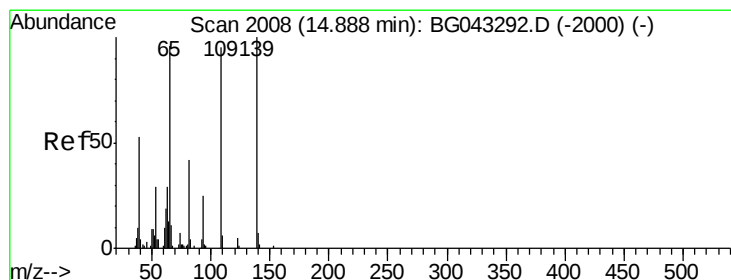
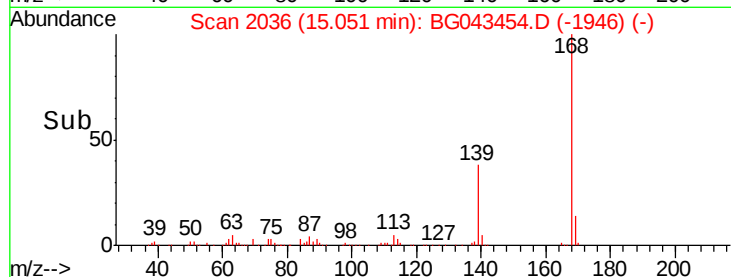
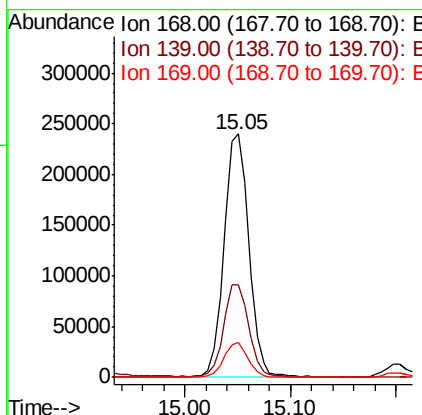
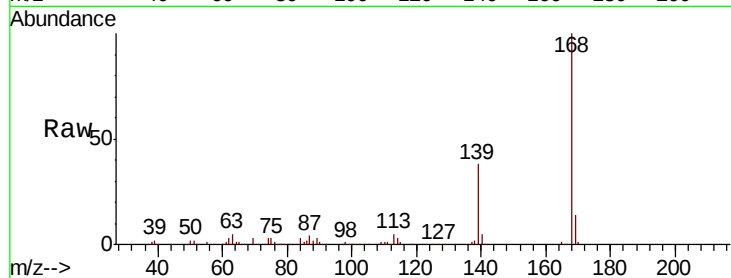




#55
Dibenzofuran
Concen: 39.940 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

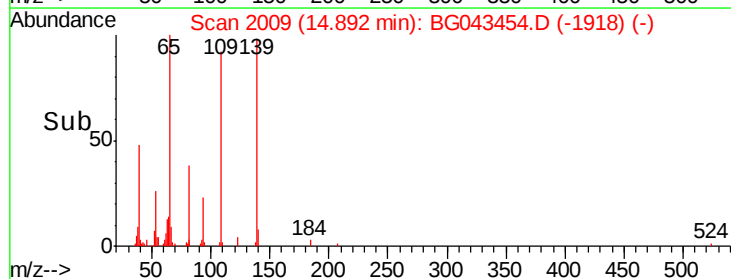
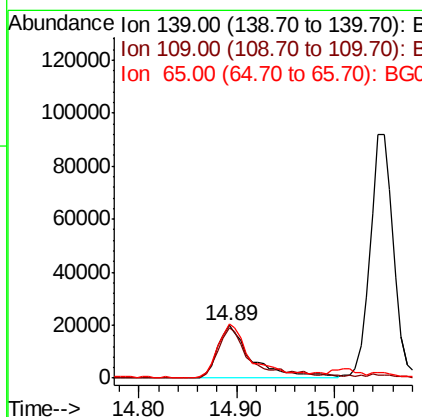
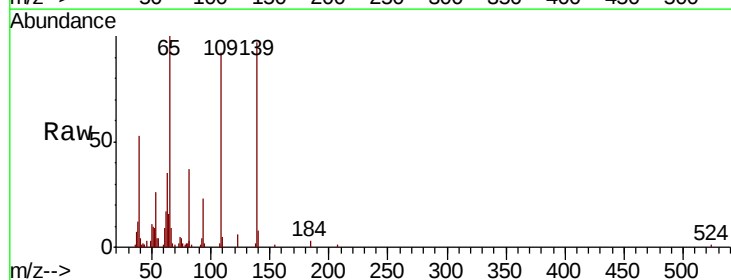
Instrument :
BNA_G
ClientSampleId :

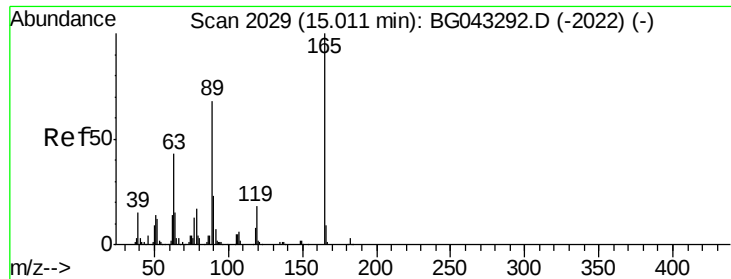
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.7	47.5
169	14.1	11.0	16.4



#56
4-Nitrophenol
Concen: 40.520 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.4	75.4	115.4
65	102.8	76.6	116.6

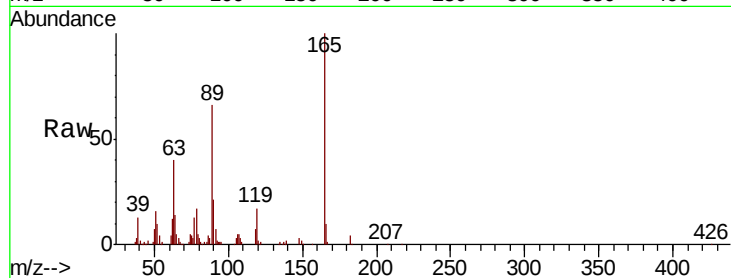




#57
2,4-Dinitrotoluene
Concen: 40.052 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.3	35.0	52.6
89	65.8	54.1	81.1
182	3.8	2.2	3.2#



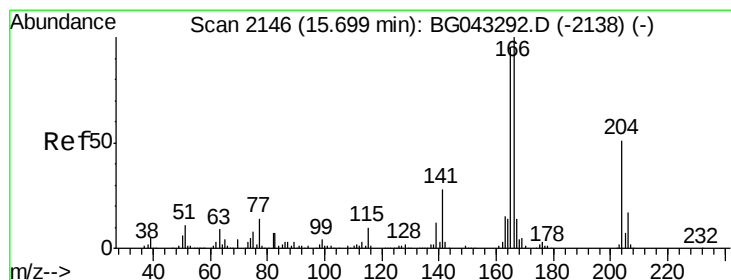
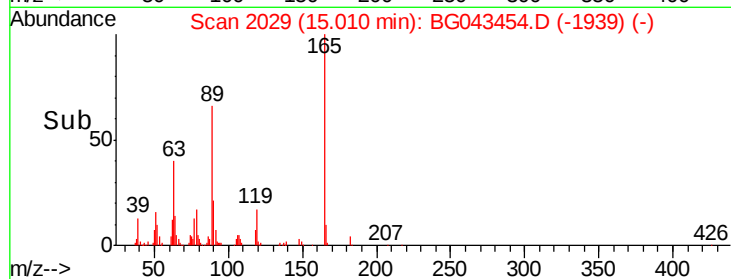
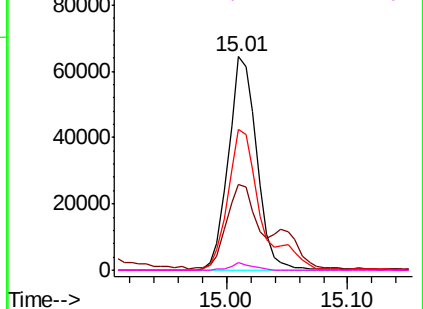
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

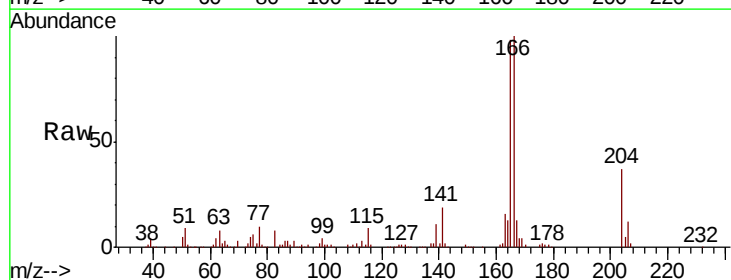
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.549 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	76.4	114.6
167	12.7	11.1	16.7

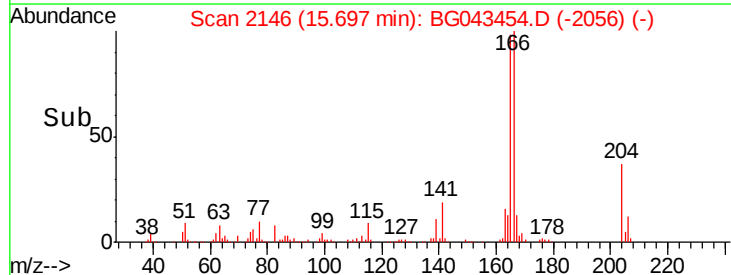
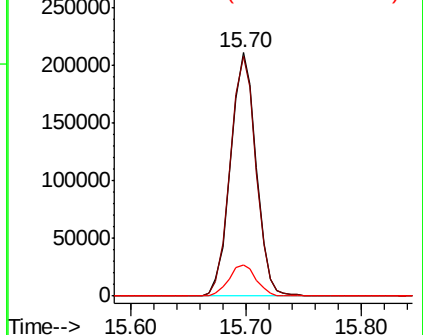


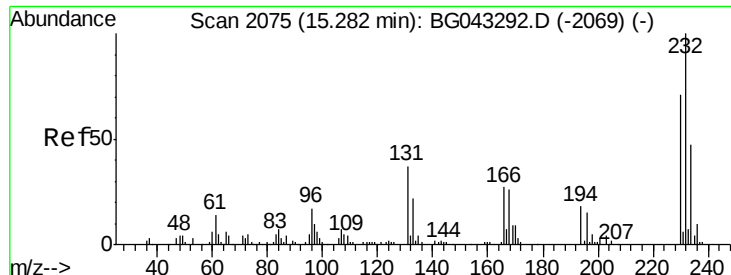
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

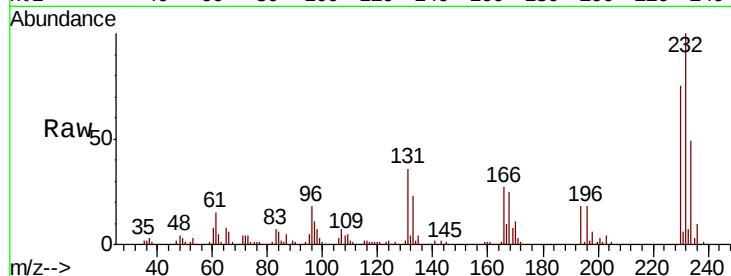




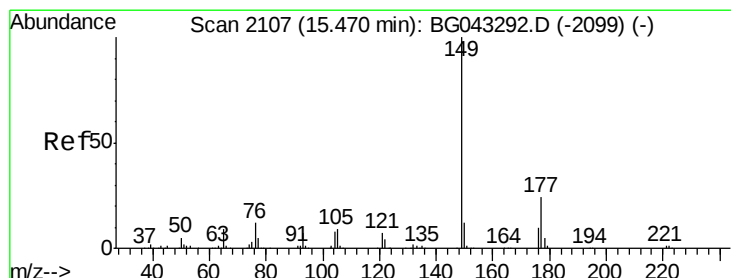
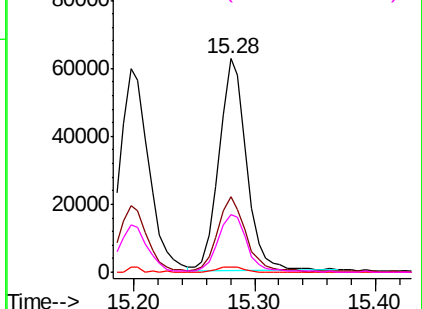
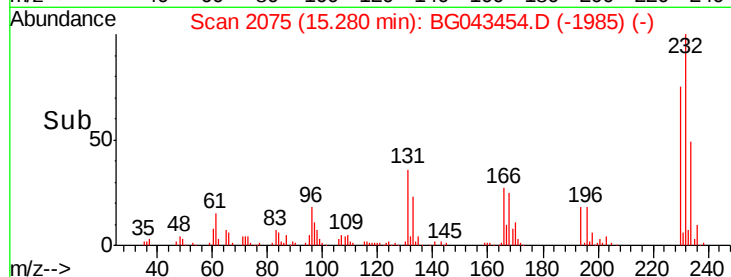
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.535 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232 Resp: 98840
 Ion Ratio Lower Upper
 232 100
 131 36.1 28.7 43.1
 130 2.5 0.6 0.8#
 166 27.7 21.1 31.7

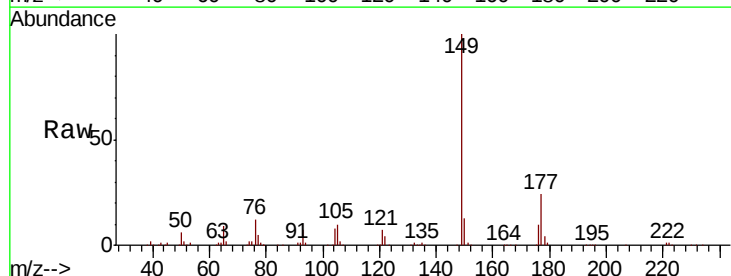


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

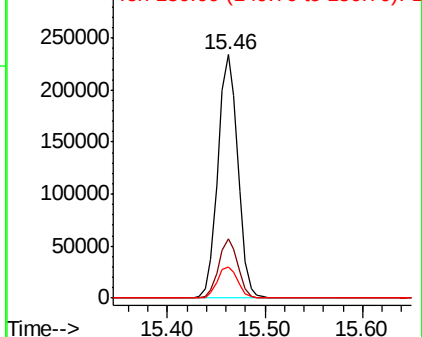
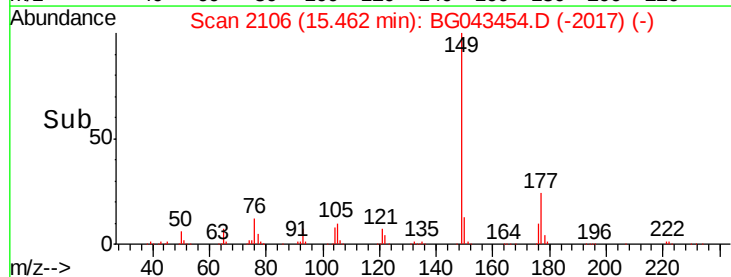


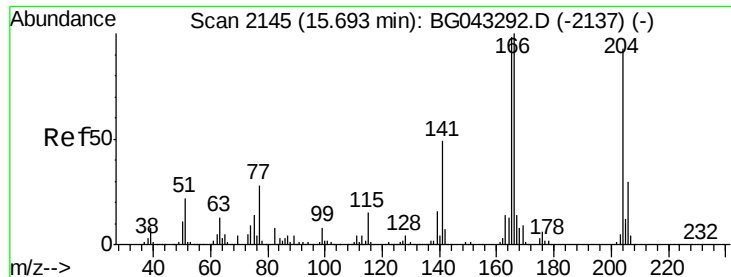
#60
 Diethylphthalate
 Concen: 38.849 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Tgt Ion:149 Resp: 331273
 Ion Ratio Lower Upper
 149 100
 177 24.1 19.0 28.4
 150 12.8 9.4 14.0



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

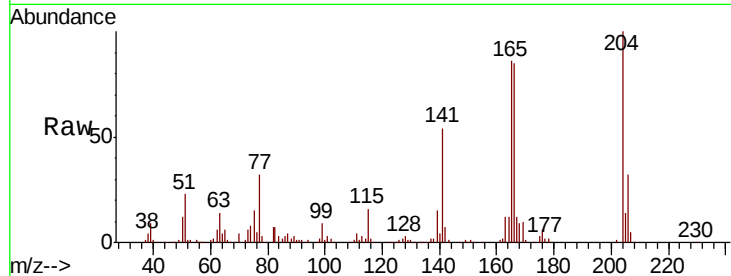




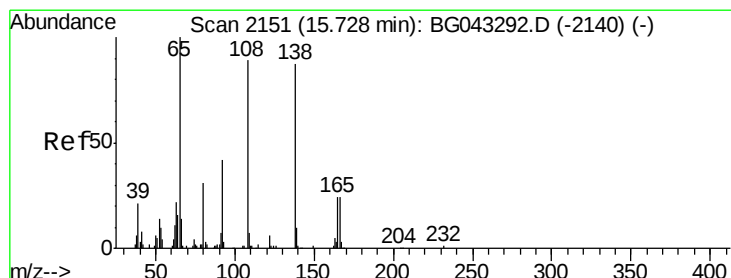
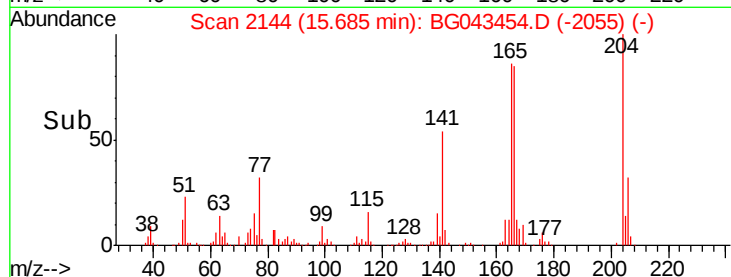
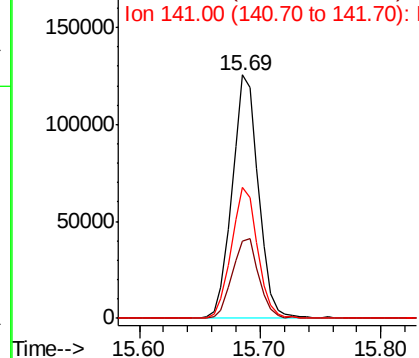
#61
 4-Chlorophenyl-phenylether
 Concen: 39.701 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 189614
 Ion Ratio Lower Upper
 204 100
 206 31.9 25.7 38.5
 141 53.9 42.3 63.5

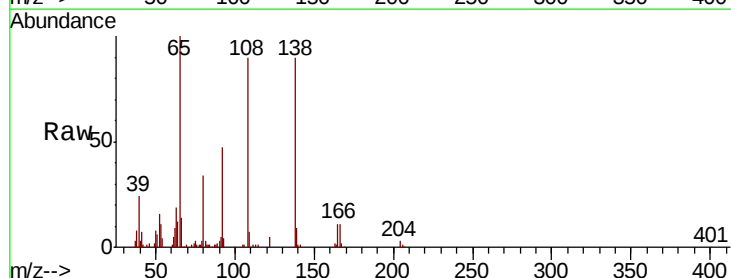


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

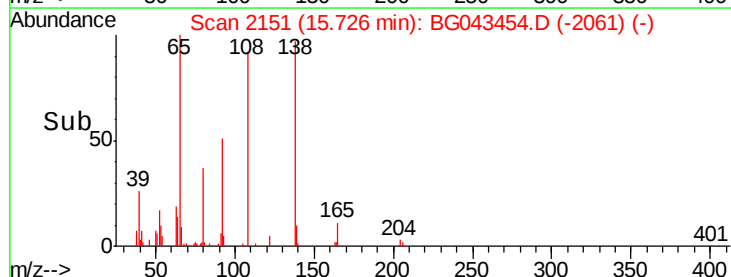
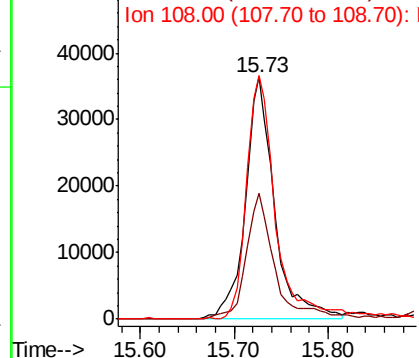


#62
 4-Nitroaniline
 Concen: 42.584 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Tgt Ion:138 Resp: 78285
 Ion Ratio Lower Upper
 138 100
 92 51.9 28.8 68.8
 108 100.7 82.7 122.7



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

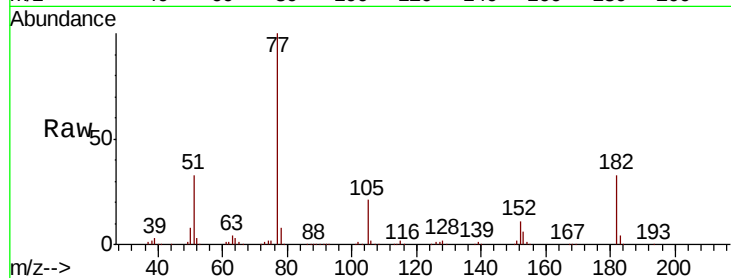




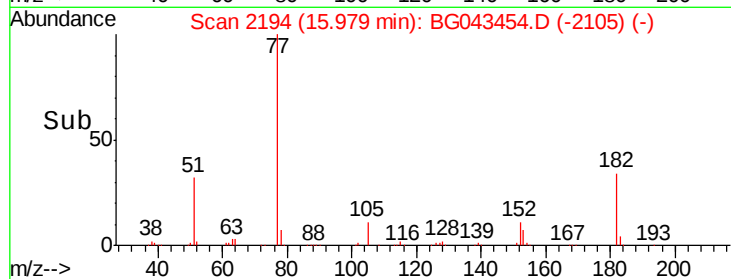
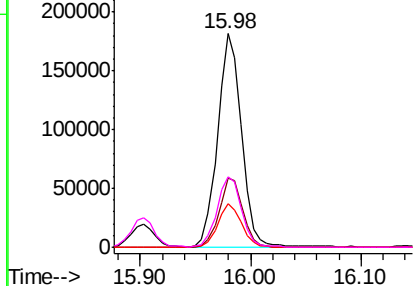
#63
Azobenzene
Concen: 39.397 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	271891
Ion	Ratio	Lower	Upper
77	100		
182	32.6	14.9	54.9
105	20.7	0.6	40.6
51	32.9	12.5	52.5

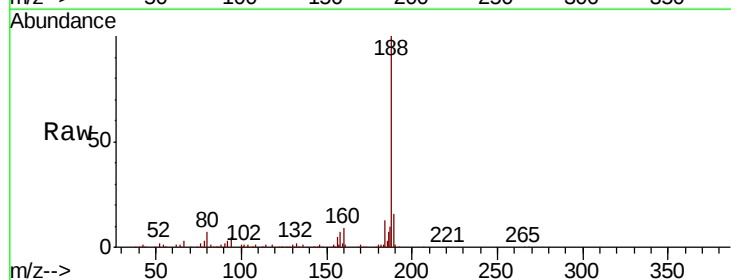


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

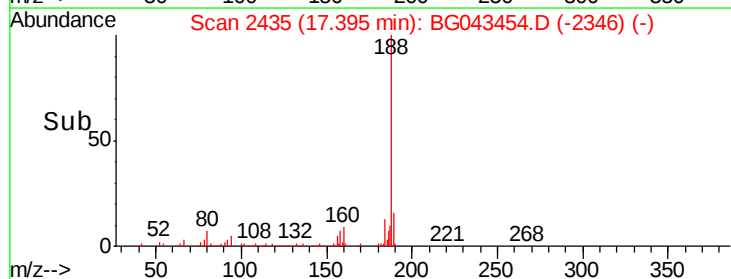
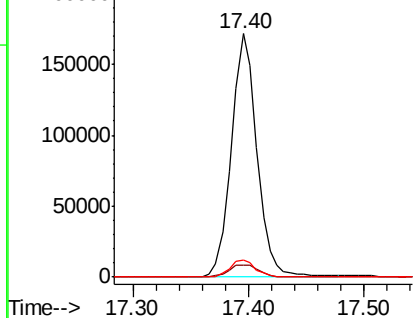


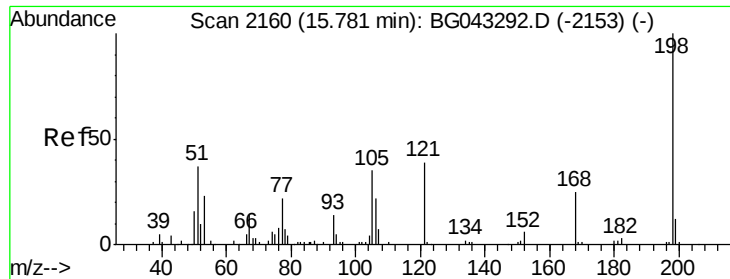
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Tgt Ion:	188	Resp:	263355
Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.2	6.2
80	6.9	5.2	7.8



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

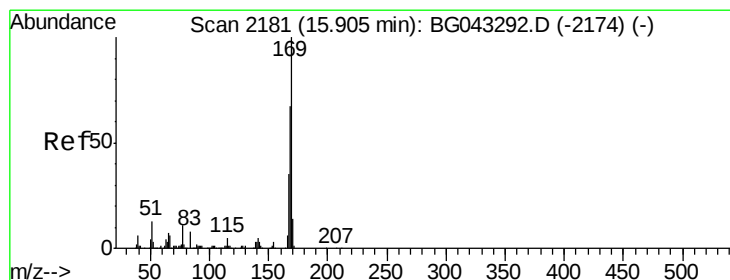
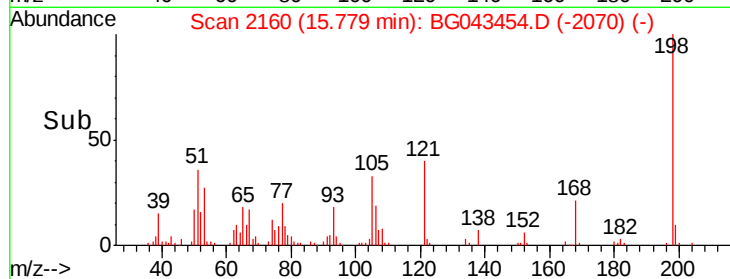
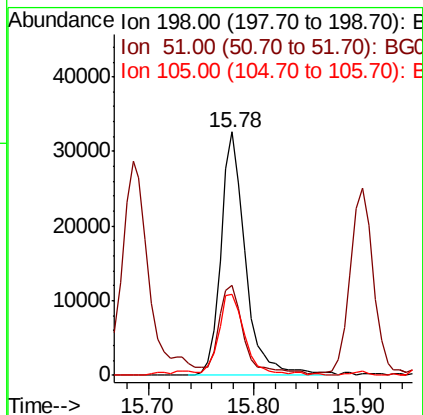
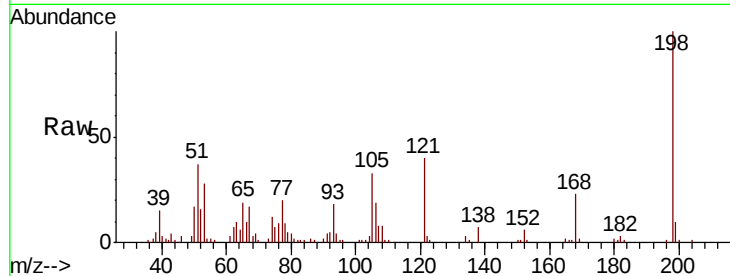




#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.914 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

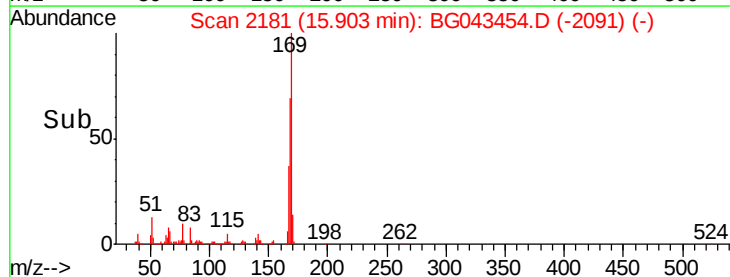
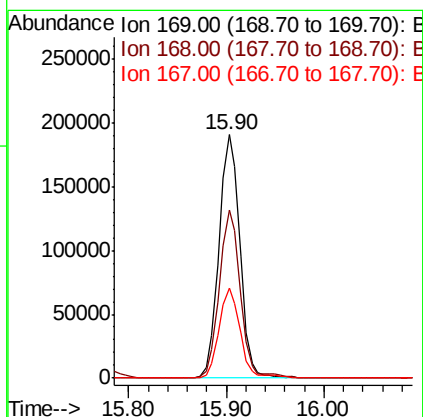
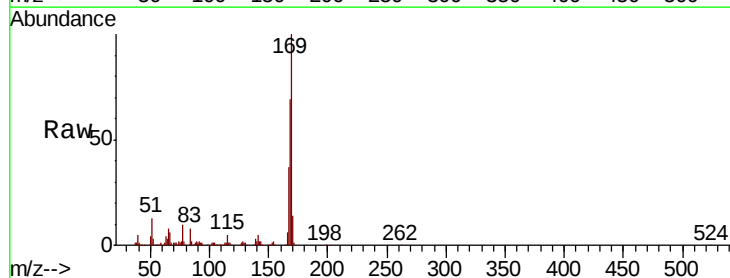
Instrument :
 BNA_G
 ClientSampleId :

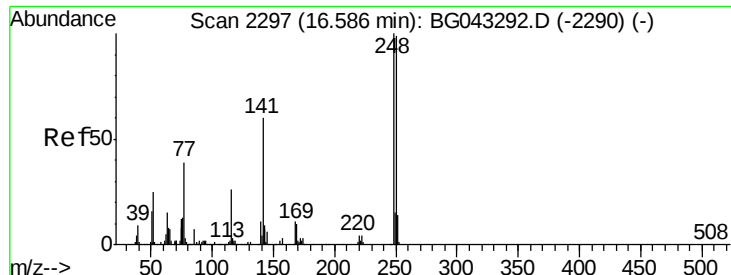
Tot Ion:198 Resp: 52562
 Ion Ratio Lower Upper
 198 100
 51 36.8 21.4 61.4
 105 33.1 16.5 56.5



#66
 n-Nitrosodiphenylamine
 Concen: 38.190 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Tgt Ion:169 Resp: 283948
 Ion Ratio Lower Upper
 169 100
 168 69.2 53.9 80.9
 167 37.0 28.3 42.5

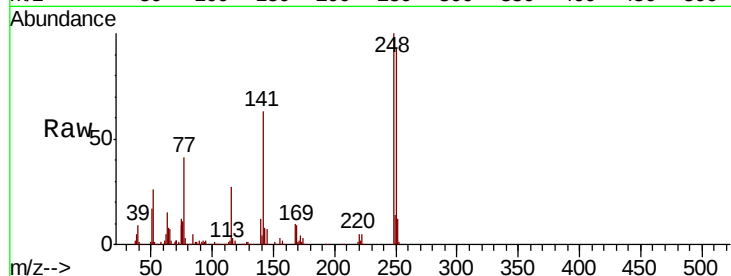




#67
4-Bromophenyl-phenylether
Concen: 38.066 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.1	79.3	118.9
141	62.9	47.9	71.9

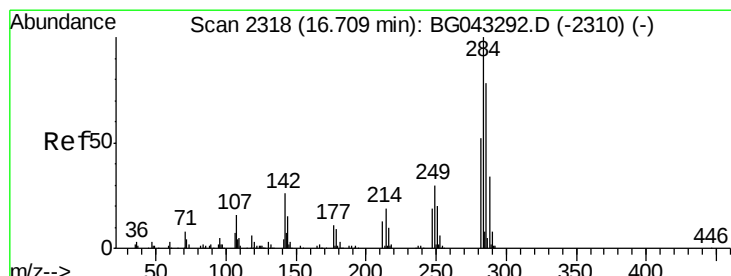
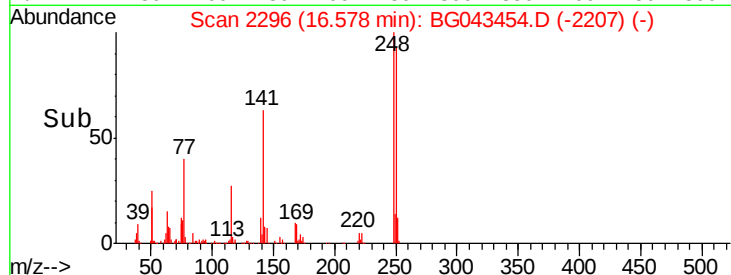
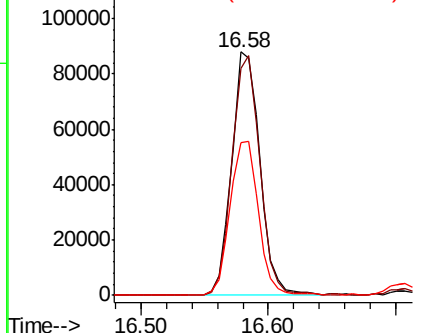


Abundance

Ion 248.00 (247.70 to 248.70): E

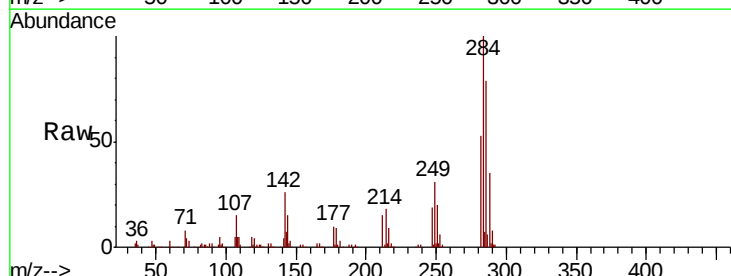
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.292 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.7	21.1	31.7
249	31.0	24.4	36.6

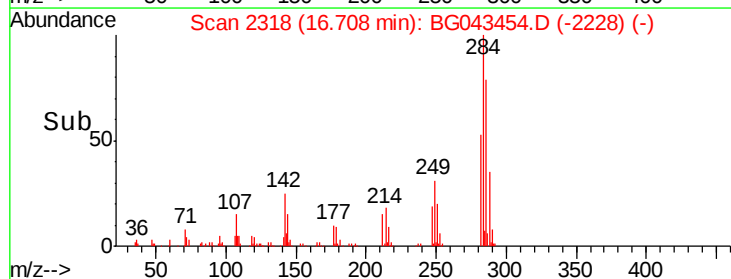
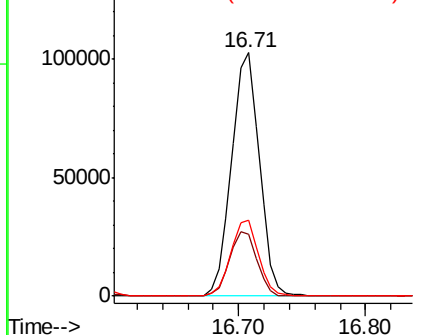


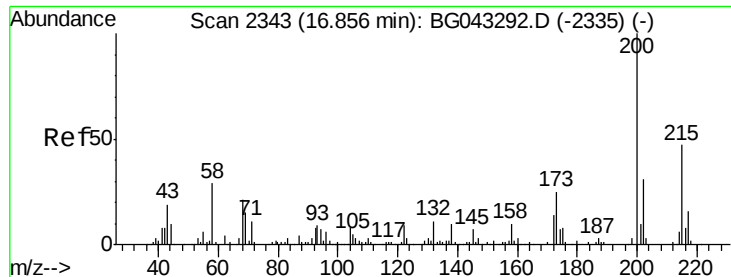
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

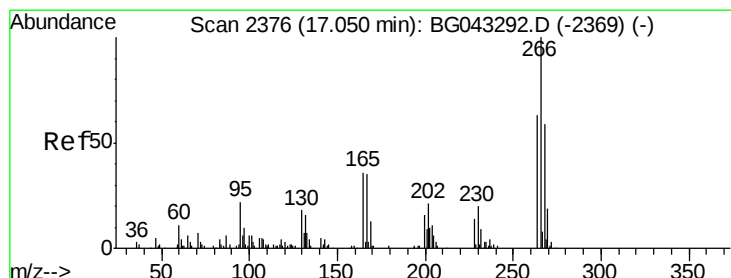
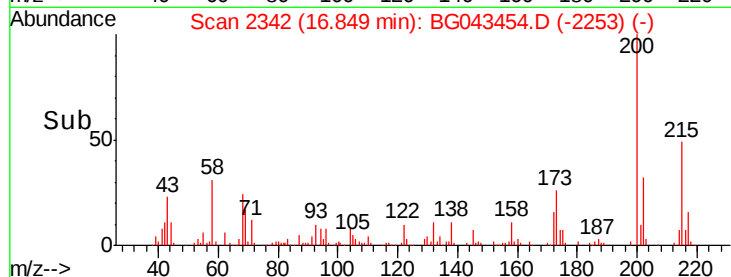
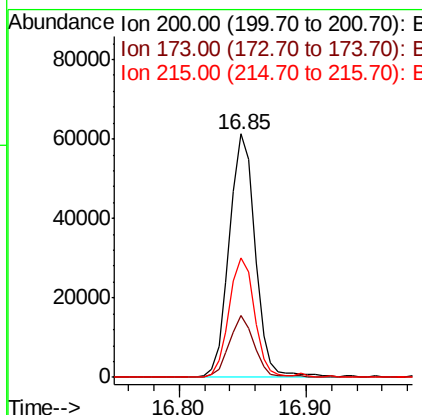
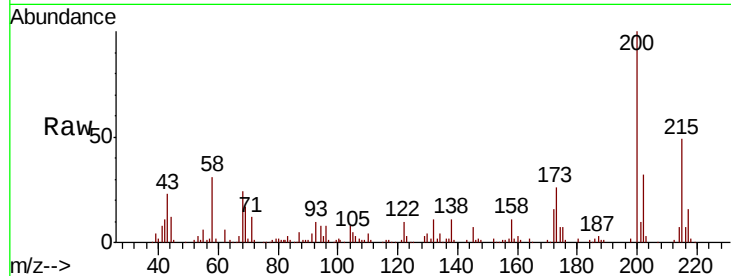




#69
 Atrazine
 Concen: 33.718 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.01 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

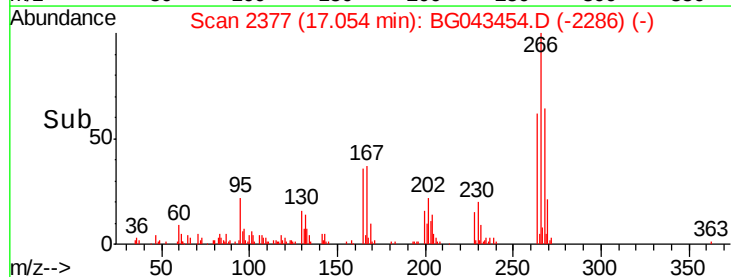
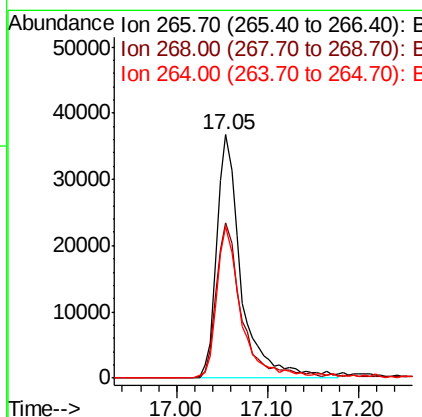
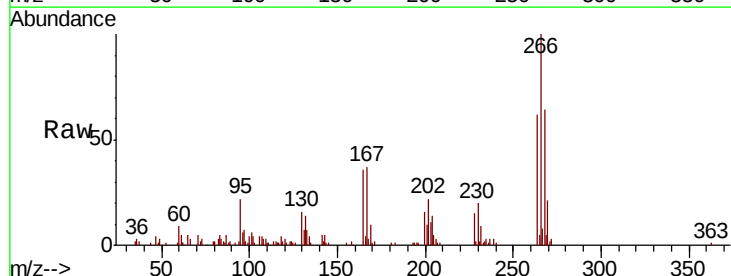
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 87113
 Ion Ratio Lower Upper
 200 100
 173 25.6 5.1 45.1
 215 49.3 26.6 66.6



#70
 Pentachlorophenol
 Concen: 37.226 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Tgt Ion:266 Resp: 69007
 Ion Ratio Lower Upper
 266 100
 268 63.7 47.1 70.7
 264 62.1 50.4 75.6

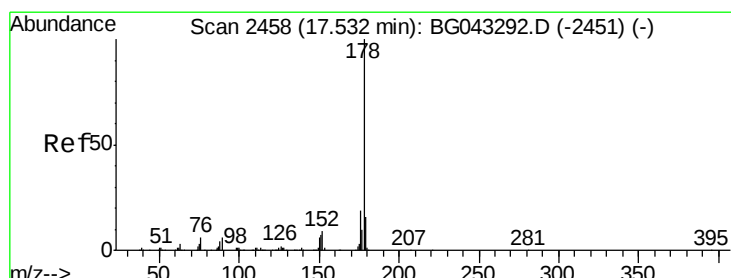
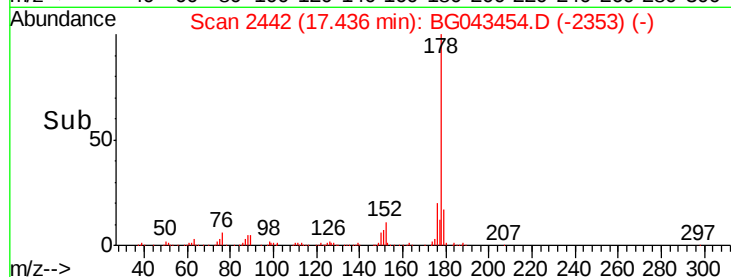
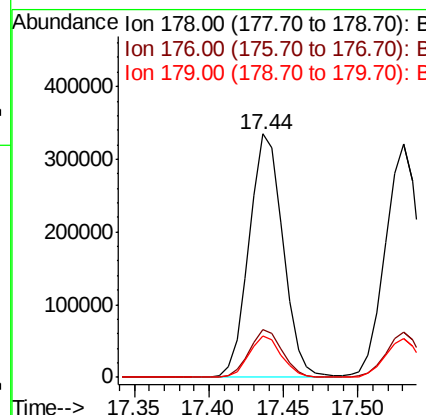
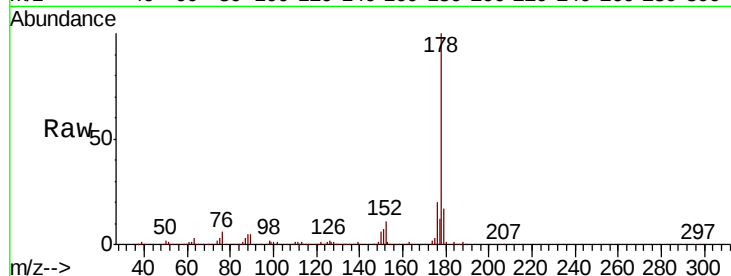




#71
Phenanthrene
Concen: 38.954 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

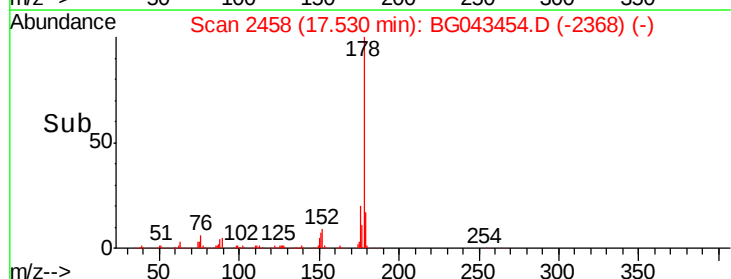
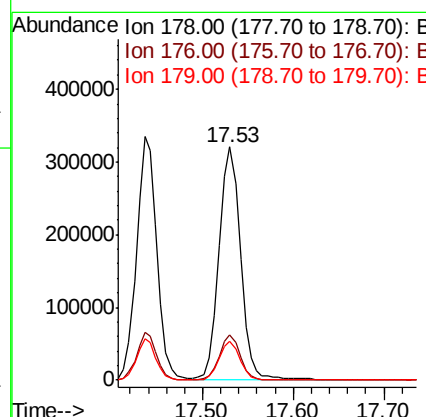
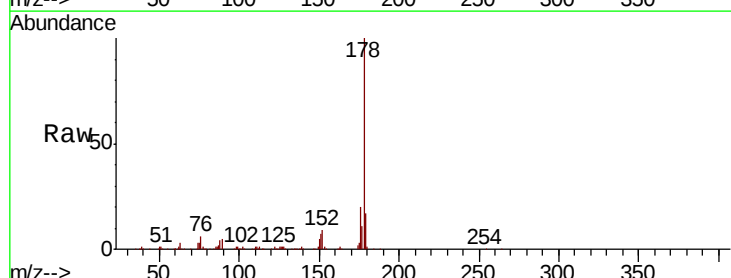
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 525320
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 17.0 13.1 19.7



#72
Anthracene
Concen: 39.024 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Tgt Ion:178 Resp: 526545
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 16.7 13.0 19.6





#73

Carbazole

Concen: 38.755 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

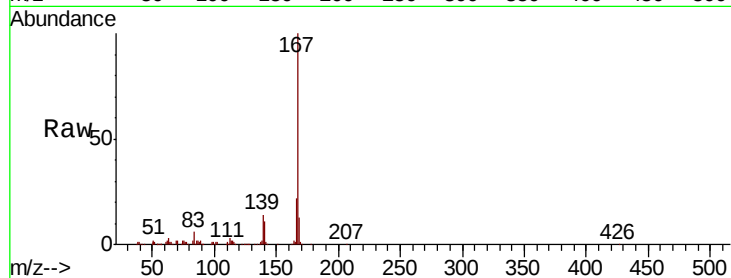
Tot Ion:167 Resp: 473535

Ion Ratio Lower Upper

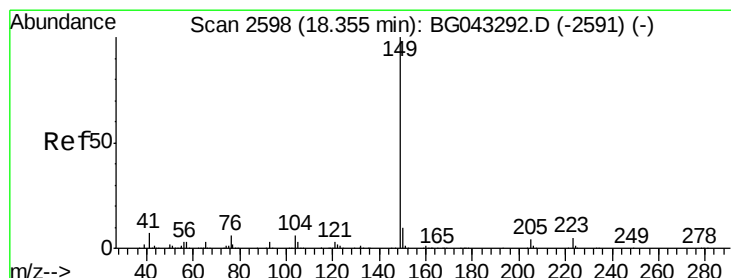
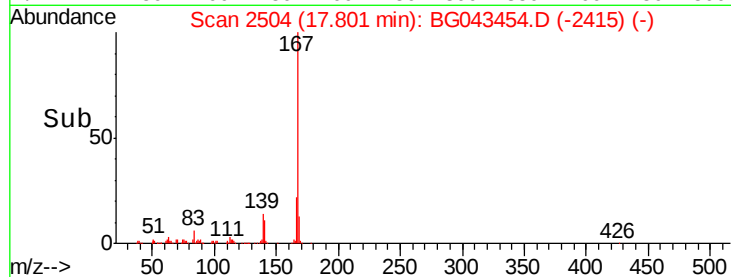
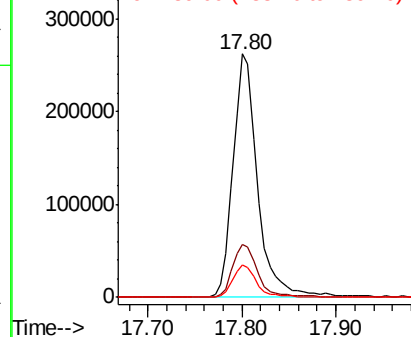
167 100

166 21.9 18.4 27.6

139 13.5 10.2 15.4



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



#74

Di-n-butylphthalate

Concen: 39.353 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

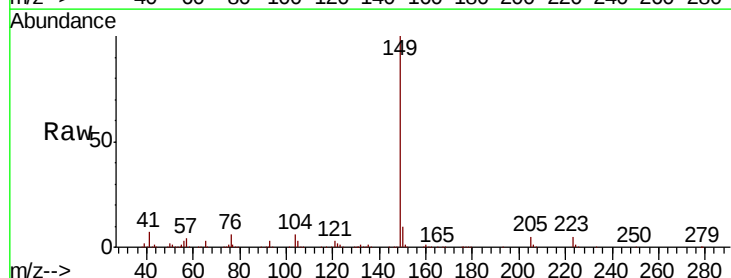
Tgt Ion:149 Resp: 583435

Ion Ratio Lower Upper

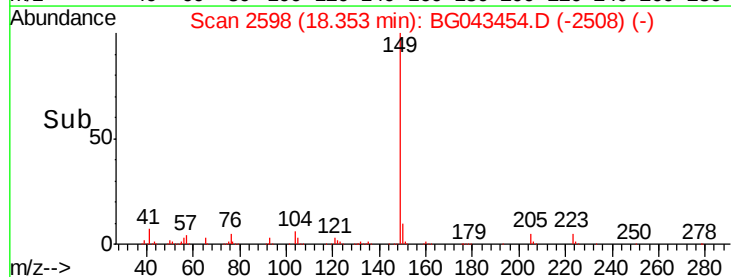
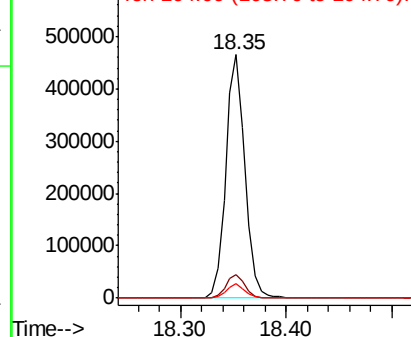
149 100

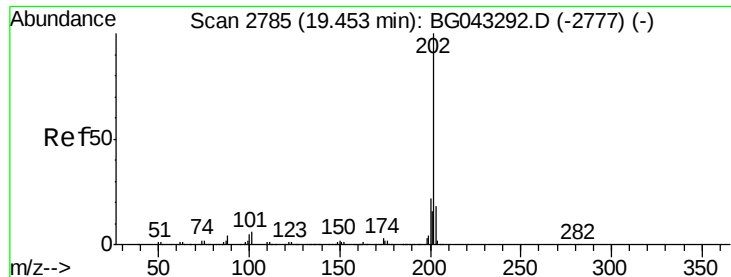
150 9.5 8.0 12.0

104 5.9 4.7 7.1



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





#75

Fluoranthene

Concen: 38.716 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043454.D

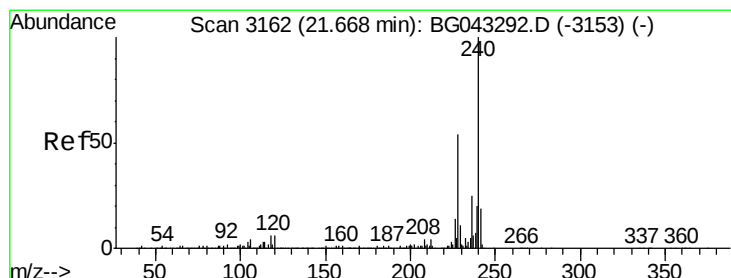
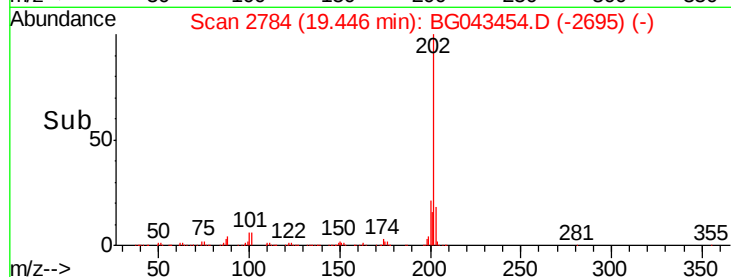
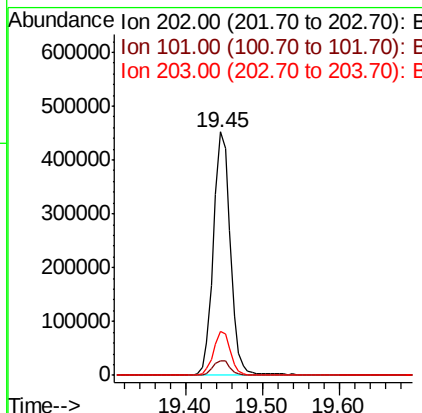
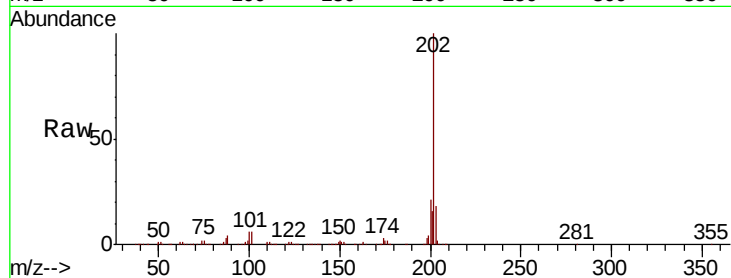
Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	680675
Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	26.0
203	17.9	0.0	38.2



#76

Chrysene-d12

Concen: 20.000 ng

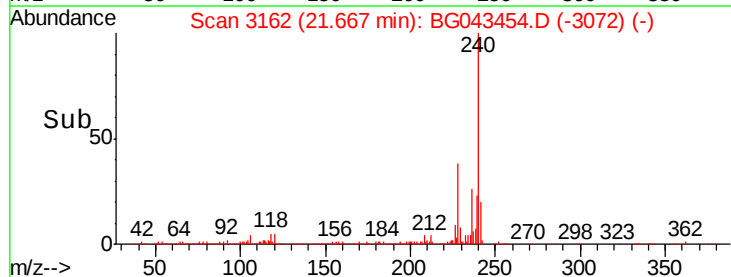
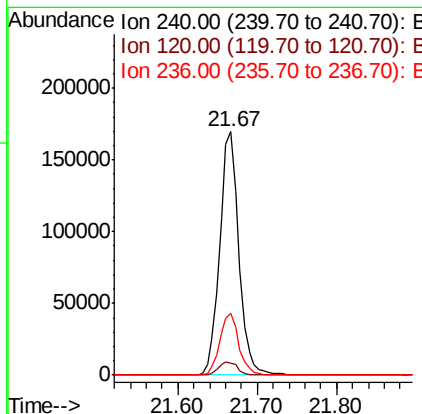
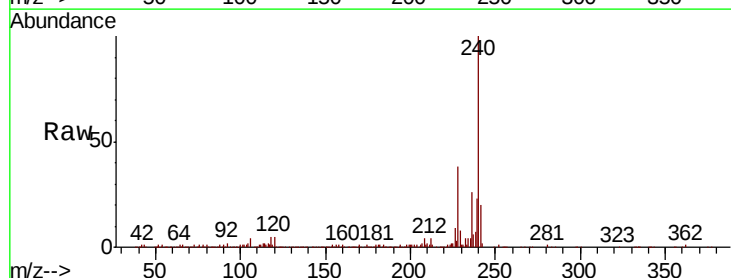
RT: 21.67 min Scan# 3162

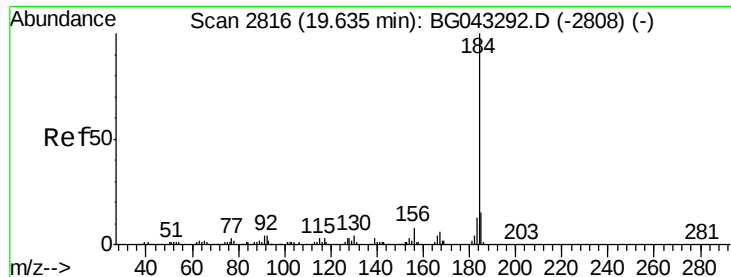
Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Tgt Ion:	240	Resp:	284192
Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.6	7.0
236	25.6	20.2	30.4





#77

Benzidine

Concen: 38.723 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

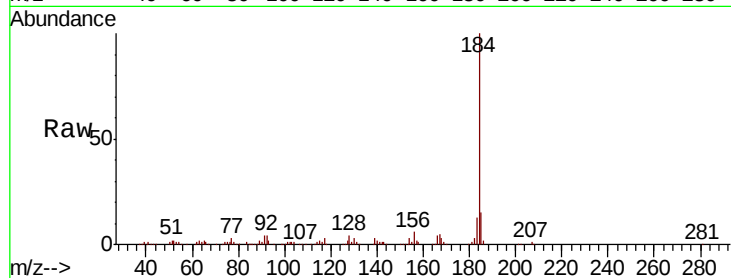
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 221476

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.6
183	12.5	10.6	16.0

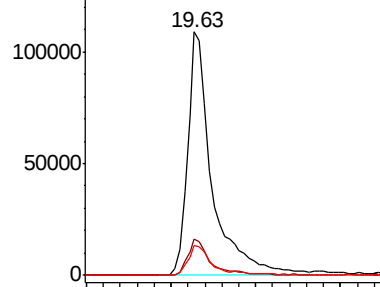


Abundance

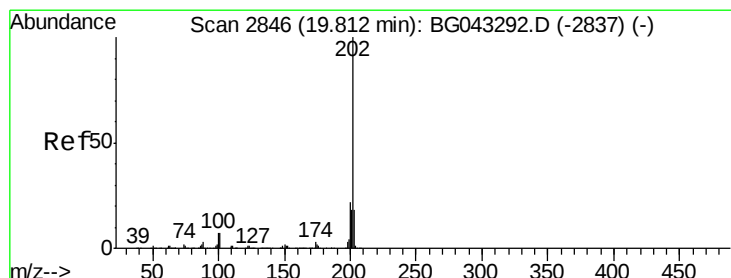
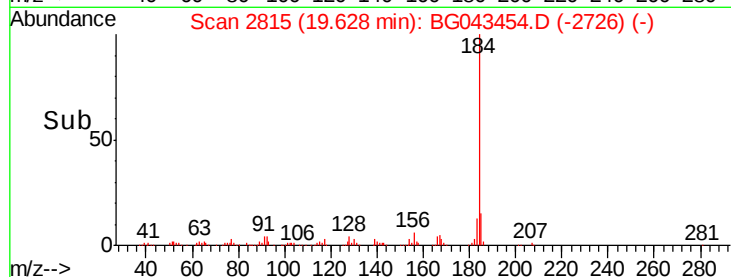
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.50 19.60 19.70 19.80



#78

Pyrene

Concen: 39.591 ng

RT: 19.81 min Scan# 2846

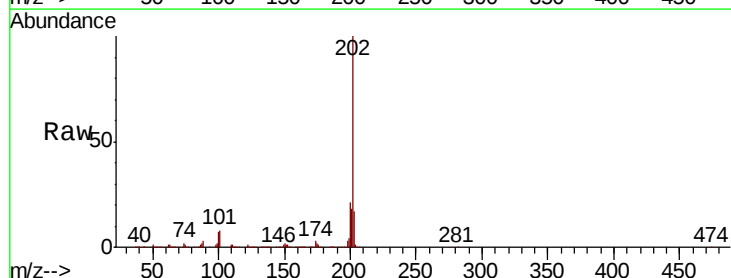
Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Tgt Ion:202 Resp: 696454

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.3	25.9
203	17.5	14.5	21.7

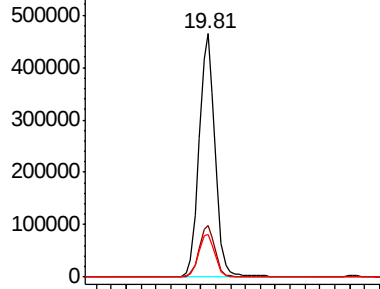


Abundance

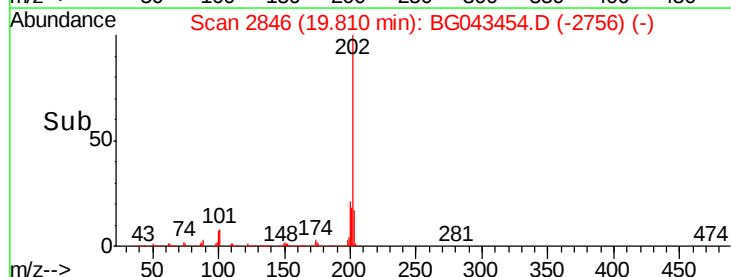
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.70 19.80 19.90 20.00





#79

Terphenyl-d14

Concen: 80.446 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

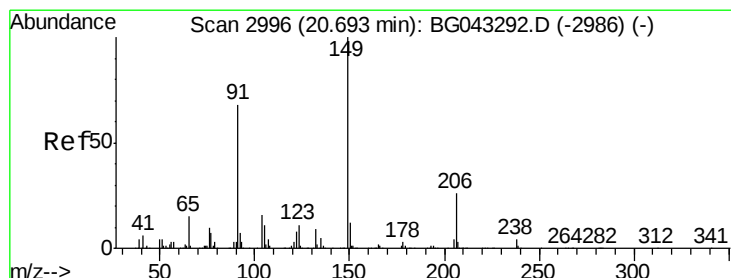
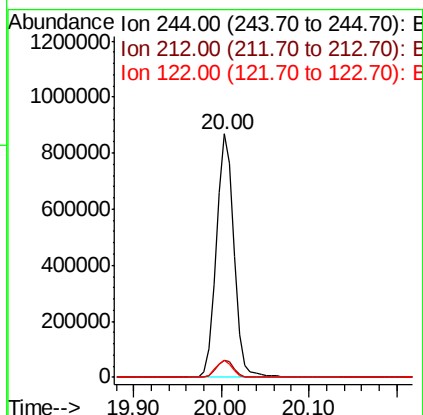
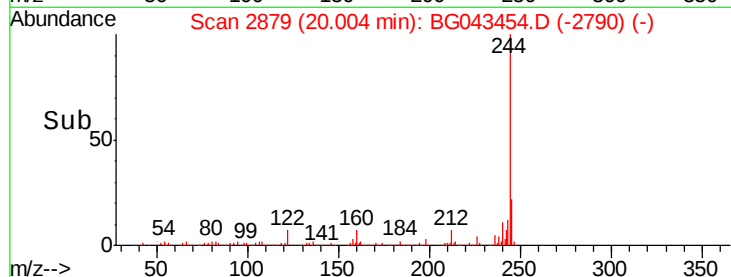
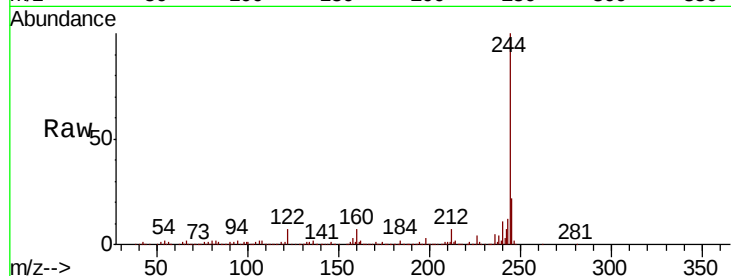
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1218627

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	6.8	5.3	7.9



#80

Butylbenzylphthalate

Concen: 40.362 ng

RT: 20.69 min Scan# 2996

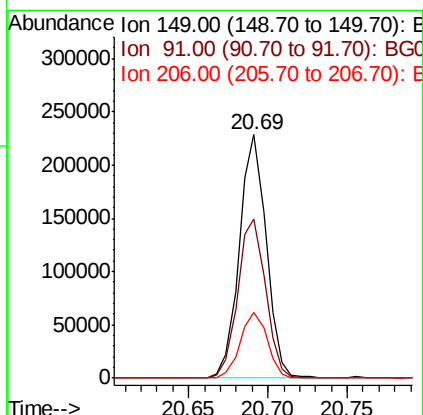
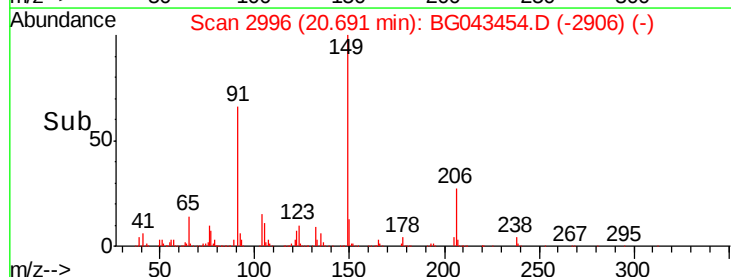
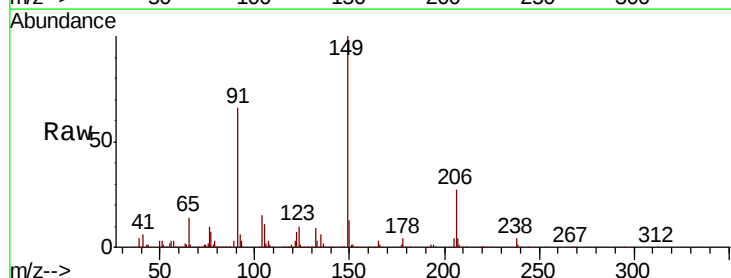
Delta R.T. -0.00 min

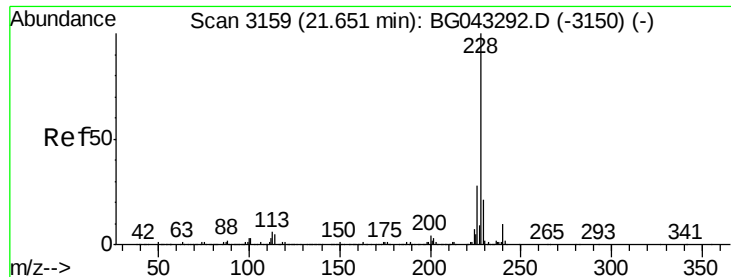
Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Tgt Ion:149 Resp: 268994

Ion	Ratio	Lower	Upper
149	100		
91	65.6	54.6	82.0
206	26.8	20.5	30.7





#81

Benzo(a)anthracene

Concen: 40.417 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

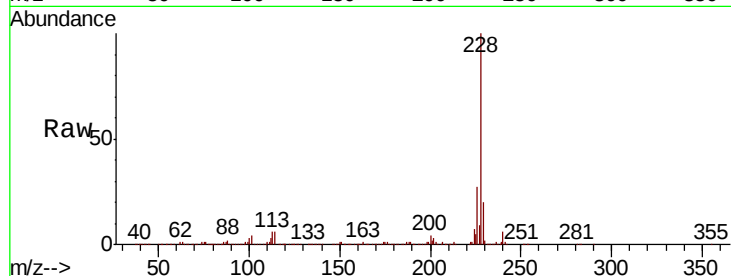
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 719480

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.4
229	20.2	16.9	25.3

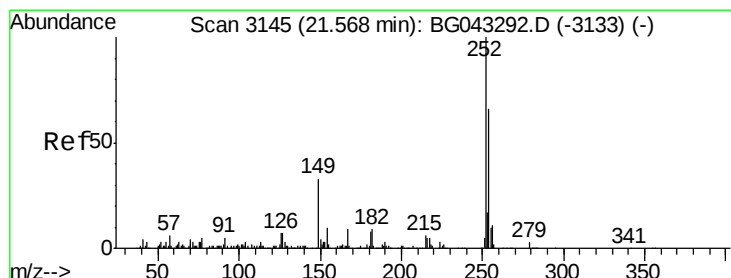
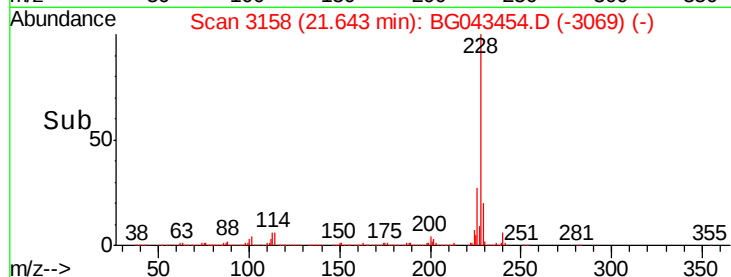
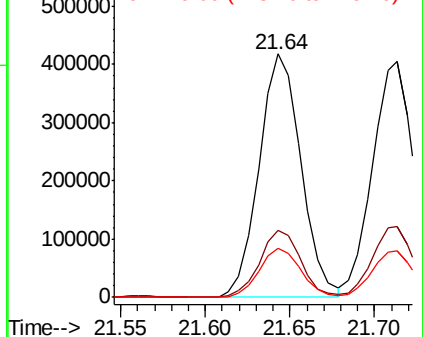


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.025 ng

RT: 21.56 min Scan# 3144

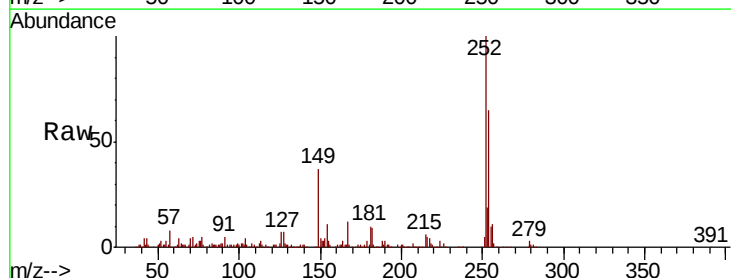
Delta R.T. -0.01 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Tgt Ion:252 Resp: 282472

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.7	79.1
126	7.0	5.6	8.4

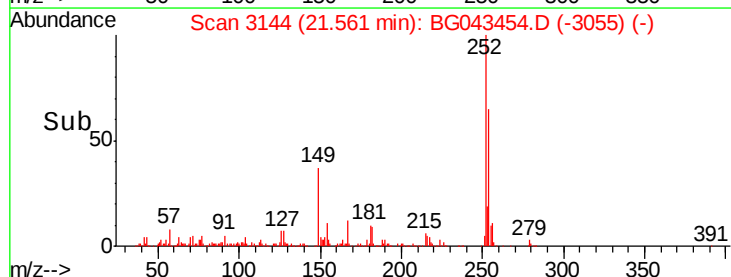
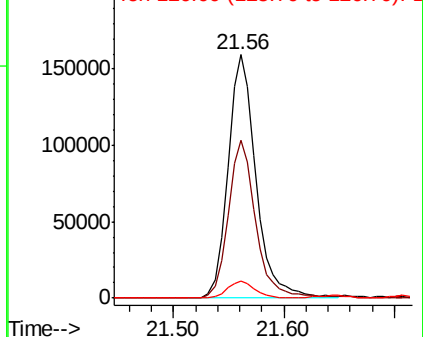


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

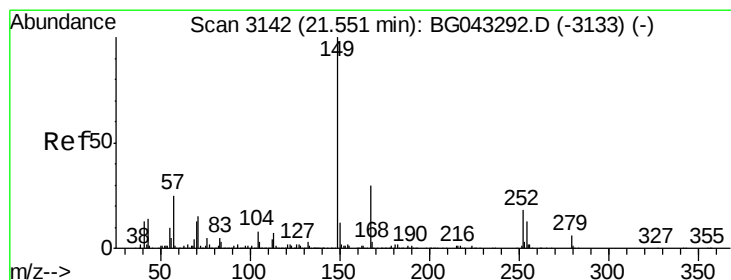
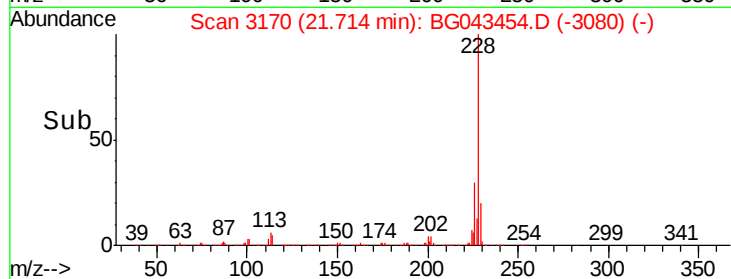
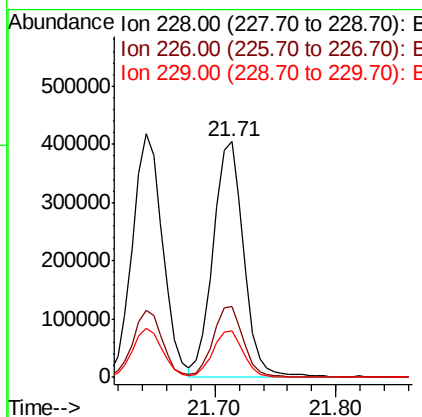
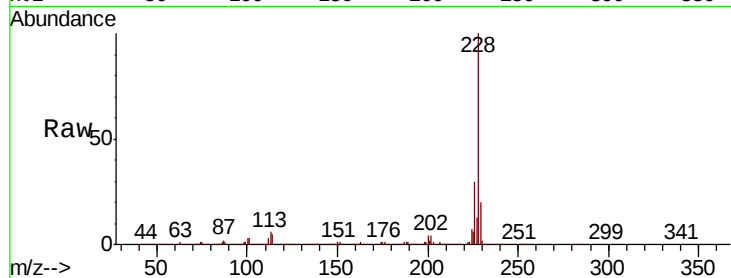




#83
 Chrysene
 Concen: 39.598 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

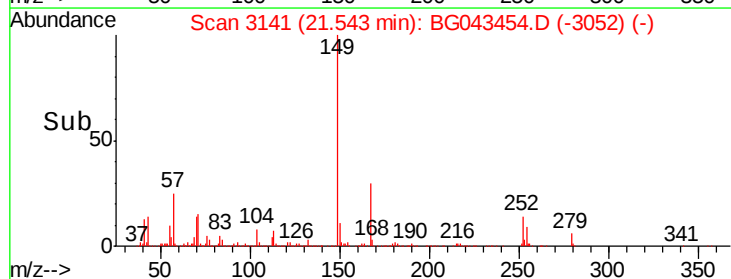
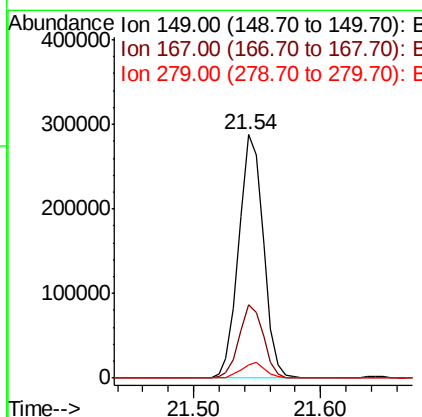
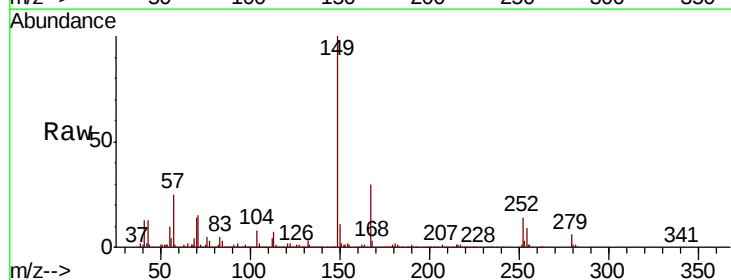
Instrument :
 BNA_G
 ClientSampled :

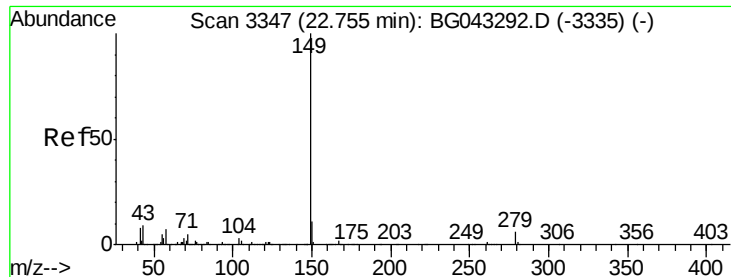
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	19.6	16.3	24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.744 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG043454.D
 Acq: 1 Nov 2019 5:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.9	35.9
279	5.7	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 41.566 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

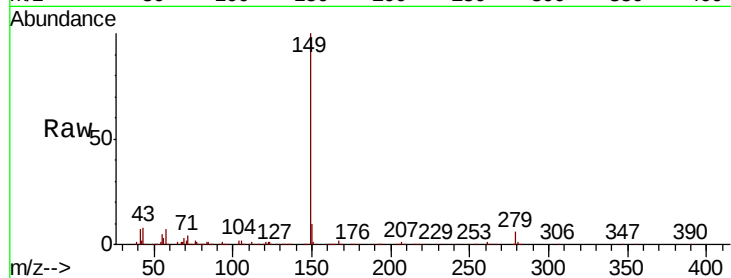
Tot Ion:149 Resp: 667623

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

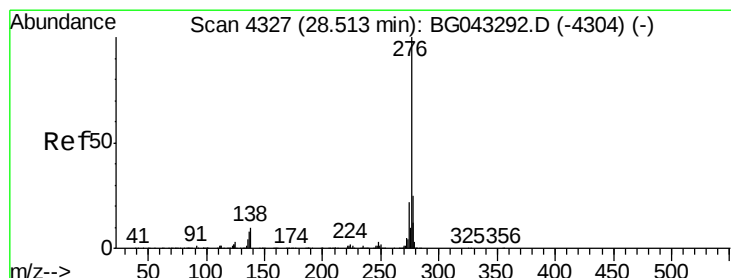
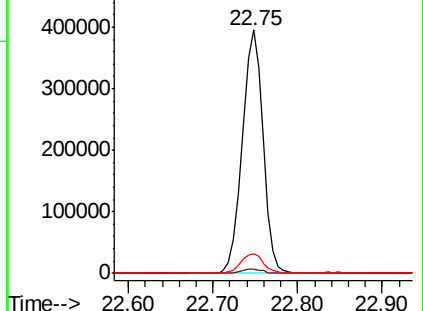
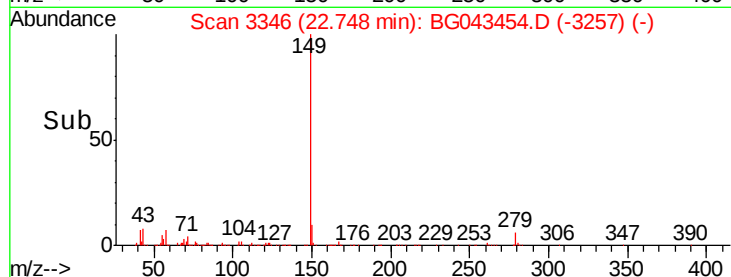
43 8.9 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.589 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

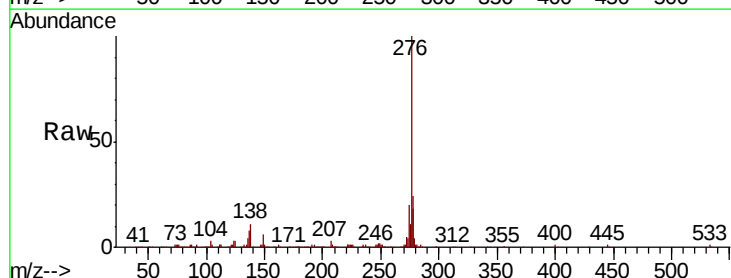
Tgt Ion:276 Resp: 901146

Ion Ratio Lower Upper

276 100

138 8.8 7.2 10.8

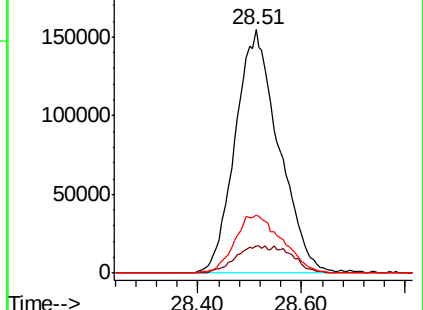
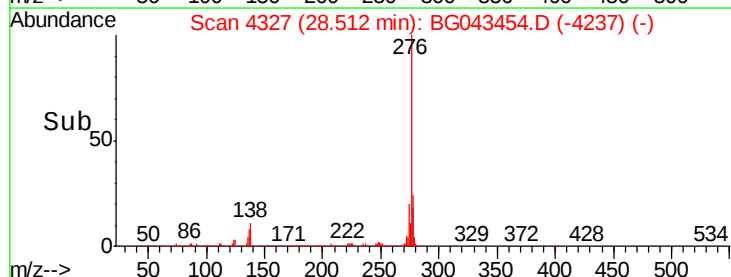
277 26.1 20.9 31.3

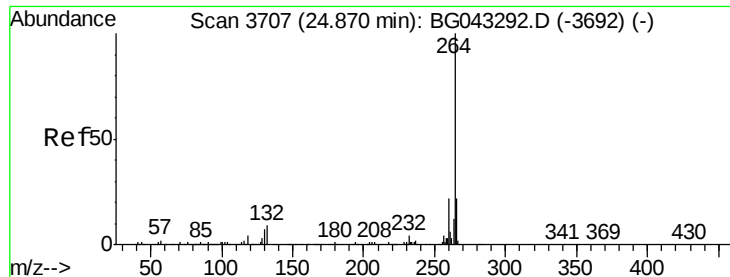


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

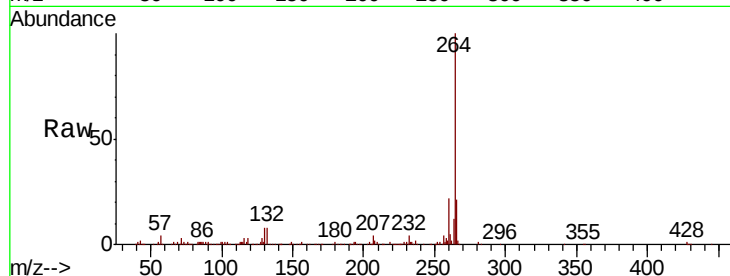
Tot Ion:264 Resp: 339352

Ion Ratio Lower Upper

264 100

260 22.1 17.9 26.9

265 21.2 17.4 26.2

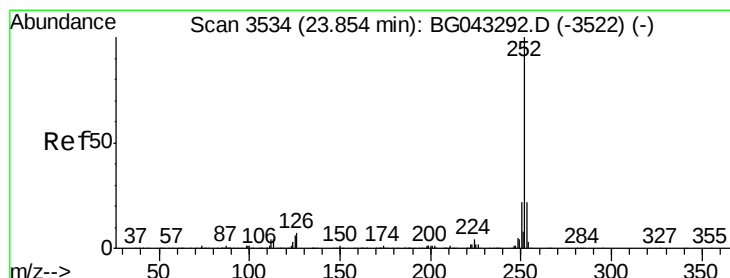
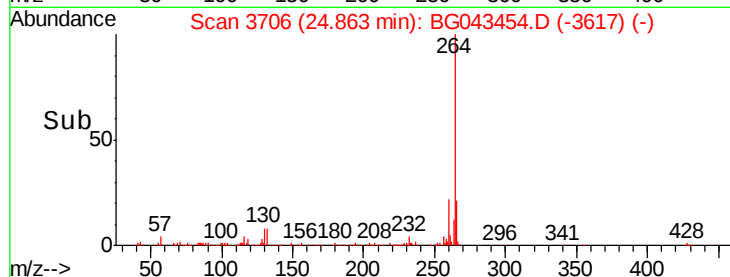
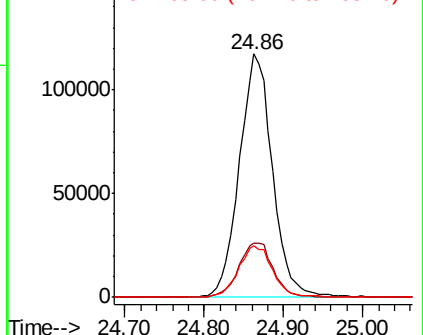


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.160 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

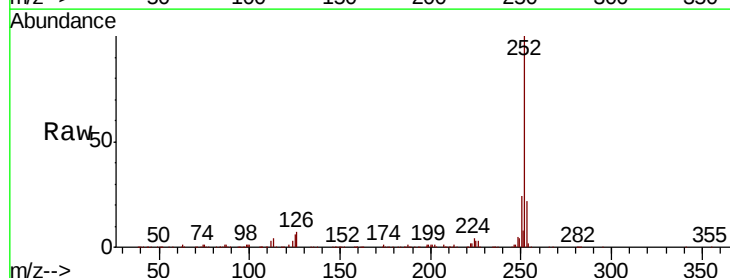
Tgt Ion:252 Resp: 771875

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 5.6 5.0 7.6

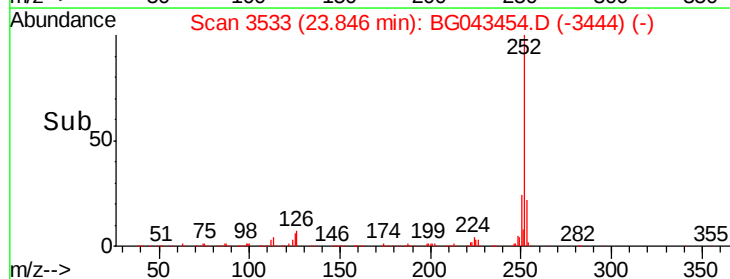
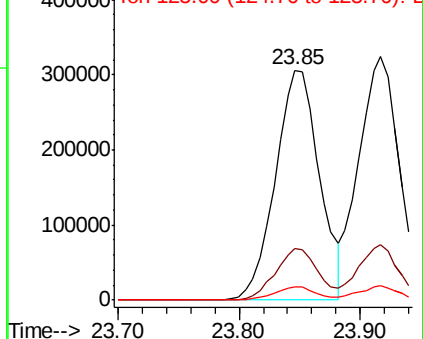


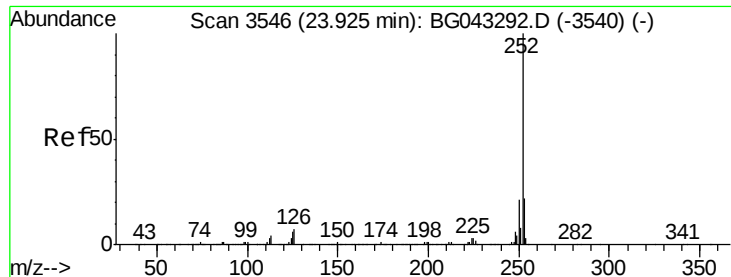
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

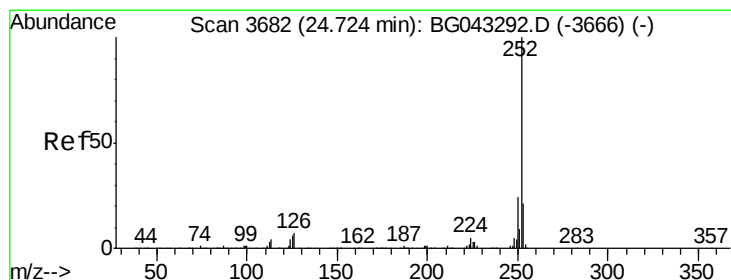
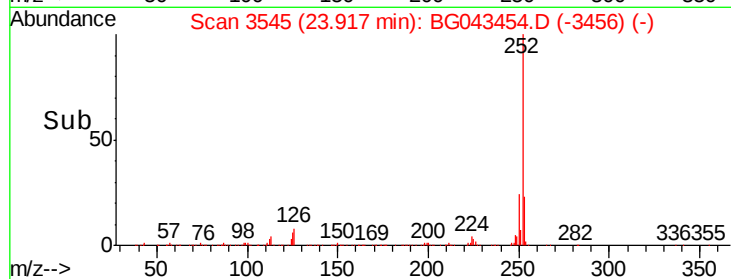
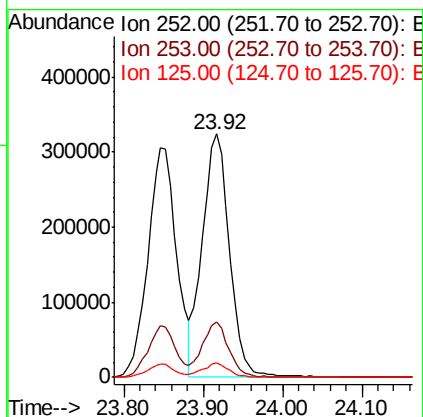
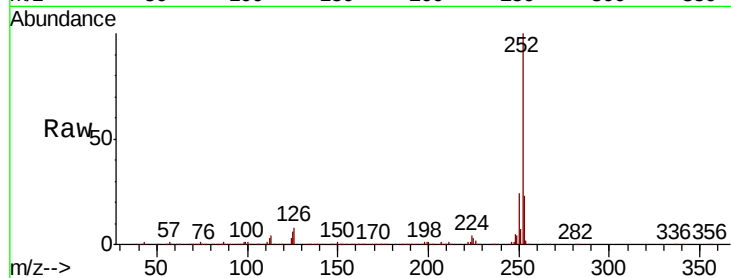




#89
Benzo(k)fluoranthene
Concen: 39.878 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

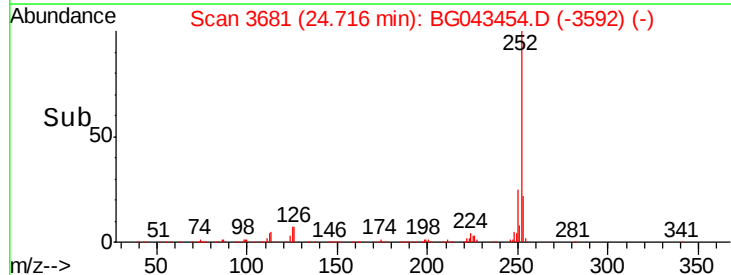
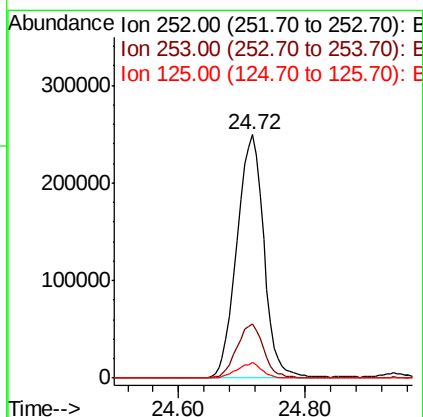
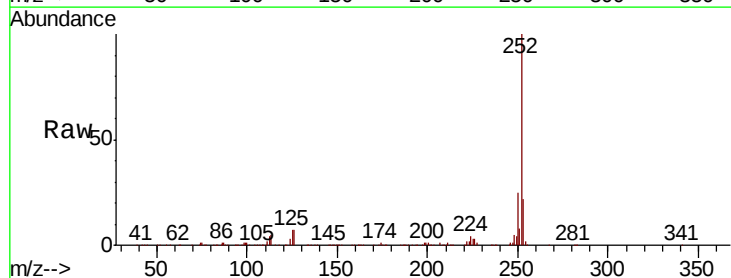
Instrument :
BNA_G
ClientSampleId :

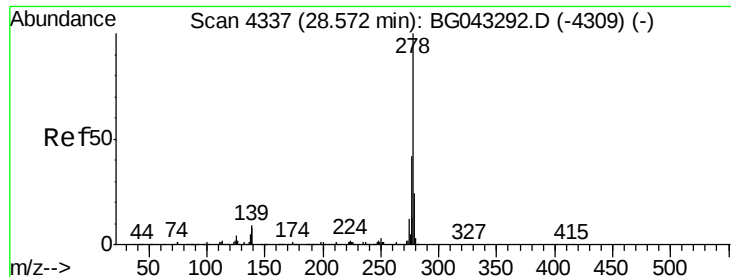
Tot Ion:252 Resp: 771598
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 5.9 4.5 6.7



#90
Benzo(a)pyrene
Concen: 40.183 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043454.D
Acq: 1 Nov 2019 5:23

Tgt Ion:252 Resp: 737495
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 6.5 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 40.002 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

Instrument :

BNA_G

ClientSampleId :

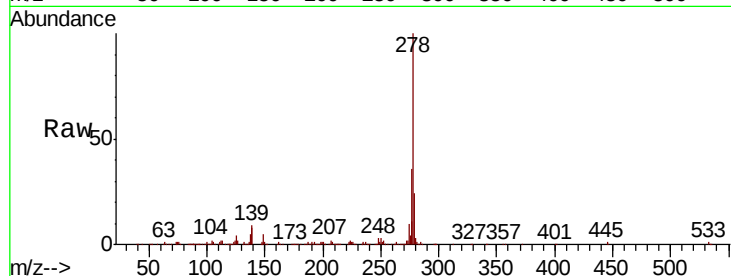
Tot Ion:278 Resp: 750951

Ion Ratio Lower Upper

278 100

139 8.9 6.8 10.2

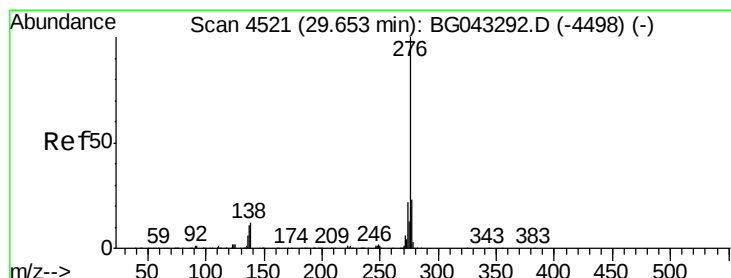
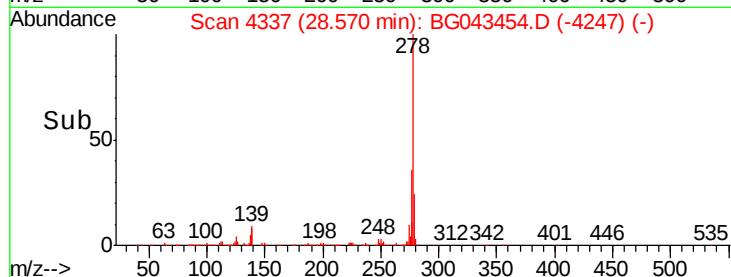
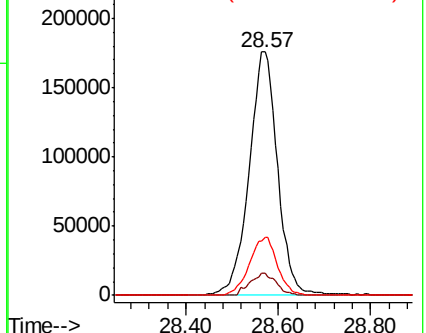
279 23.9 19.0 28.6



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: 38.973 ng

RT: 29.65 min Scan# 4521

Delta R.T. -0.00 min

Lab File: BG043454.D

Acq: 1 Nov 2019 5:23

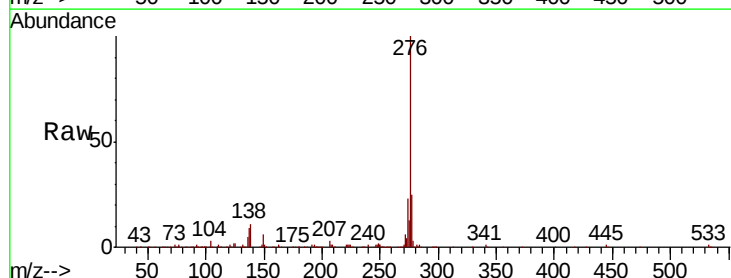
Tgt Ion:276 Resp: 721680

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 10.9 9.3 13.9



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

