

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043413.D
 Acq On : 30 Oct 2019 23:08
 Operator : JU
 Sample : K5599-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 05:11:42 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	45826	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	181765	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	130051	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	300291	20.00	ng	0.00
76) Chrysene-d12	21.66	240	337752	20.00	ng	0.00
87) Perylene-d12	24.86	264	398523	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	281274	112.47	ng	0.00
7) Phenol-d6	7.21	99	399349	110.99	ng	0.00
23) Nitrobenzene-d5	9.19	82	234661	66.56	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	244275	98.70	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	634339	67.40	ng	0.00
79) Terphenyl-d14	20.00	244	1224741	68.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	30870	31.676	ng	# 91
3) Pyridine	3.88	79	79351	32.278	ng	99
4) n-Nitrosodimethylamine	3.80	42	47257	38.095	ng	# 94
6) Aniline	7.35	93	82808	19.979	ng	97
8) 2-Chlorophenol	7.59	128	111299	40.317	ng	98
9) Benzaldehyde	7.16	77	57230	32.365	ng	81
10) Phenol	7.24	94	142956	43.479	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	90716	35.687	ng	91
12) 1,3-Dichlorobenzene	7.91	146	119434	34.530	ng	95
13) 1,4-Dichlorobenzene	8.06	146	121784	34.801	ng	98
14) 1,2-Dichlorobenzene	8.38	146	114923	33.634	ng	99
15) Benzyl Alcohol	8.26	79	97520	38.592	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	122192	33.058	ng	96
17) 2-Methylphenol	8.48	107	92943	38.777	ng	97
18) Hexachloroethane	9.10	117	43678	34.595	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	79861	34.349	ng	96
20) 3+4-Methylphenols	8.81	107	124212	37.792	ng	88
22) Acetophenone	8.85	105	154699	33.234	ng	99
24) Nitrobenzene	9.23	77	122150	36.369	ng	98
25) Isophorone	9.74	82	223835	34.725	ng	95
26) 2-Nitrophenol	9.94	139	60745	37.463	ng	98
27) 2,4-Dimethylphenol	10.01	122	101153	43.525	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	124390	34.964	ng	96
29) 2,4-Dichlorophenol	10.48	162	117671	39.517	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	132122	35.204	ng	98
31) Naphthalene	10.88	128	338378	36.675	ng	98
32) Benzoic acid	10.18	122	55374	34.371	ng	94
33) 4-Chloroaniline	11.00	127	32707	8.648	ng	95
34) Hexachlorobutadiene	11.17	225	93505	33.704	ng	91
35) Caprolactam	11.81	113	15178	14.800	ng	87
36) 4-Chloro-3-methylphenol	12.12	107	123134	37.910	ng	99
37) 2-Methylnaphthalene	12.48	142	259174	36.611	ng	98
38) 1-Methylnaphthalene	12.69	142	246217	36.554	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	170377	35.399	ng	97

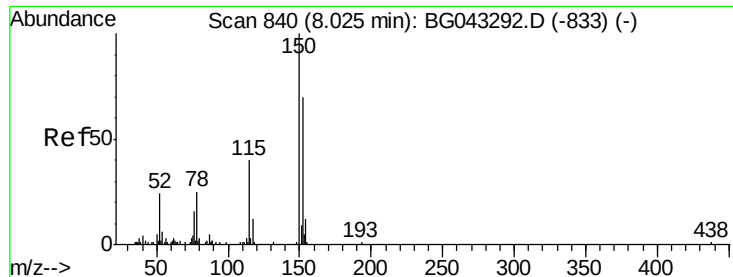
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043413.D
 Acq On : 30 Oct 2019 23:08
 Operator : JU
 Sample : K5599-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 05:11:42 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)
41) Hexachlorocyclopentadiene	12.83	237	192664	76.203	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	107082	37.779	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	114065	39.806	ng	99
46) 1,1'-Biphenyl	13.48	154	347712	35.145	ng	99
47) 2-Chloronaphthalene	13.53	162	267079	35.479	ng	99
48) 2-Nitroaniline	13.73	65	78138	34.730	ng	99
49) Acenaphthylene	14.37	152	443437	37.849	ng	97
50) Dimethylphthalate	14.10	163	413197	41.019	ng	99
51) 2,6-Dinitrotoluene	14.22	165	79390	36.277	ng	98
52) Acenaphthene	14.72	154	263847	36.929	ng	99
53) 3-Nitroaniline	14.56	138	32991	15.614	ng	93
54) 2,4-Dinitrophenol	14.76	184	84048	63.187	ng	96
55) Dibenzofuran	15.05	168	422206	36.440	ng	97
56) 4-Nitrophenol	14.89	139	112167	79.220	ng	98
57) 2,4-Dinitrotoluene	15.01	165	112001	35.812	ng	# 98
58) Fluorene	15.70	166	352123	36.235	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	115335	37.883	ng	# 99
60) Diethylphthalate	15.46	149	352281	34.805	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	202769	35.768	ng	97
62) 4-Nitroaniline	15.73	138	73292	33.588	ng	99
63) Azobenzene	15.98	77	292662	35.727	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	69563	39.363	ng	91
66) n-Nitrosodiphenylamine	15.90	169	314247	37.066	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	146378	36.221	ng	98
68) Hexachlorobenzene	16.71	284	161007	34.708	ng	98
69) Atrazine	16.85	200	135781	46.091	ng	93
70) Pentachlorophenol	17.05	266	176990	83.733	ng	96
71) Phenanthrene	17.44	178	558397	36.313	ng	99
72) Anthracene	17.53	178	595938	38.735	ng	100
73) Carbazole	17.80	167	513189	36.834	ng	99
74) Di-n-butylphthalate	18.35	149	604238	35.743	ng	99
75) Fluoranthene	19.44	202	737339	36.780	ng	99
77) Benzidine	19.63	184	297333	43.742	ng	99
78) Pyrene	19.81	202	753052	36.020	ng	99
80) Butylbenzylphthalate	20.69	149	283326	35.771	ng	98
81) Benzo(a)anthracene	21.64	228	781681	36.947	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	164940	20.157	ng	99
83) Chrysene	21.71	228	771111	36.684	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	422842	37.581	ng	99
85) Di-n-octyl phthalate	22.74	149	723862	37.921	ng	100
86) Indeno(1,2,3-cd)pyrene	28.49	276	1013904	38.426	ng	99
88) Benzo(b)fluoranthene	23.85	252	827684	36.670	ng	98
89) Benzo(k)fluoranthene	23.91	252	844824	37.180	ng	99
90) Benzo(a)pyrene	24.71	252	777217	36.059	ng	99
91) Dibenzo(a,h)anthracene	28.56	278	856446	38.848	ng	100
92) Benzo(g,h,i)perylene	29.63	276	849616	39.069	ng	98

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

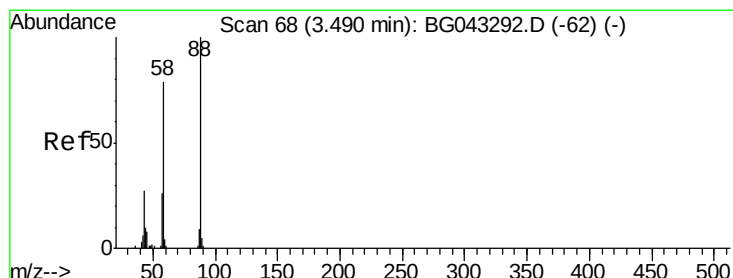
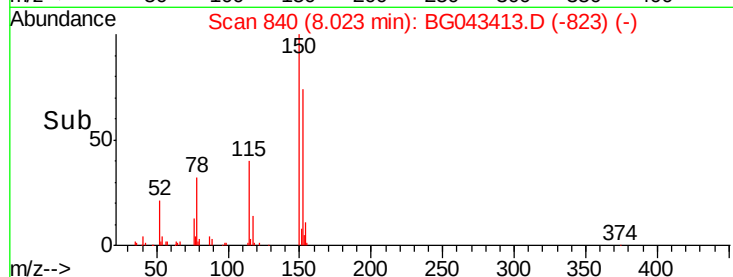
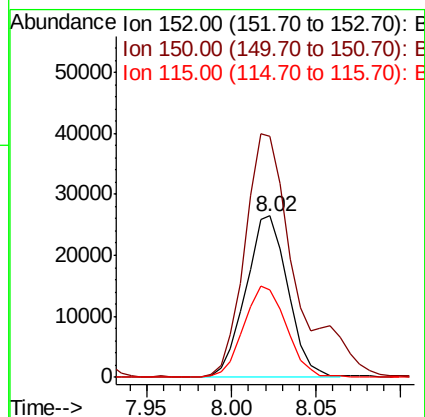
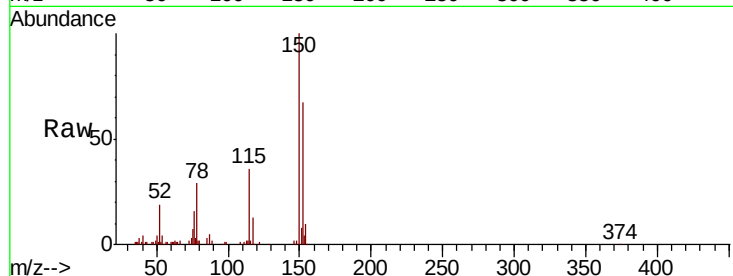


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Instrument :
BNA_G
ClientSampleId :

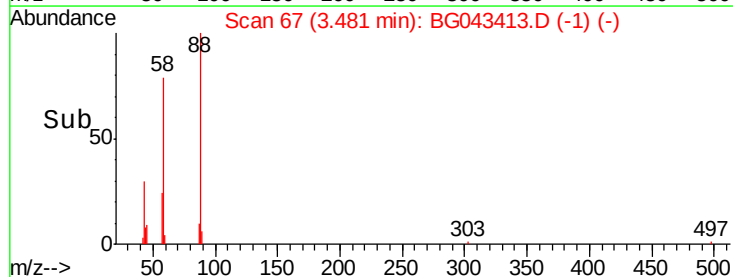
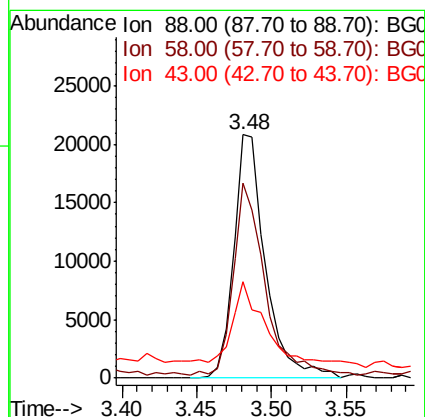
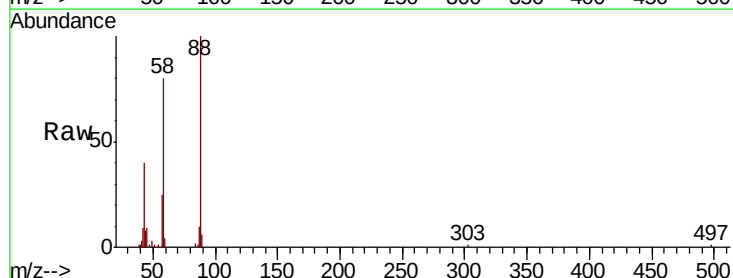
Tot Ion:152 Resp: 45826
Ion Ratio Lower Upper
152 100
150 149.9 113.6 170.4
115 54.6 45.9 68.9

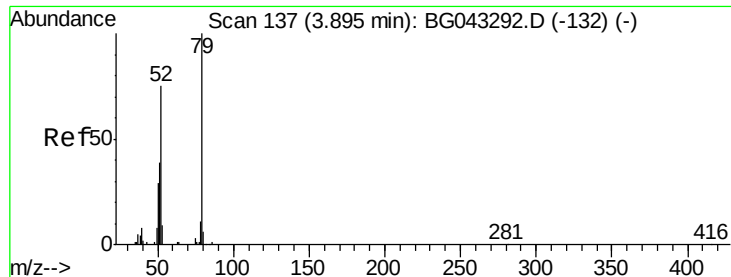


#2

1,4-Dioxane
Concen: 31.676 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Tgt Ion: 88 Resp: 30870
Ion Ratio Lower Upper
88 100
58 78.9 60.2 90.2
43 40.3 22.7 34.1#





#3

Pvridine

Concen: 32.278 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

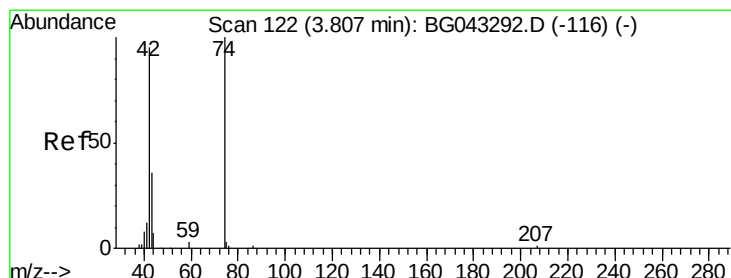
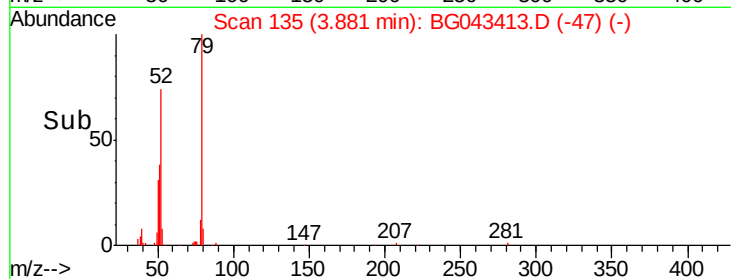
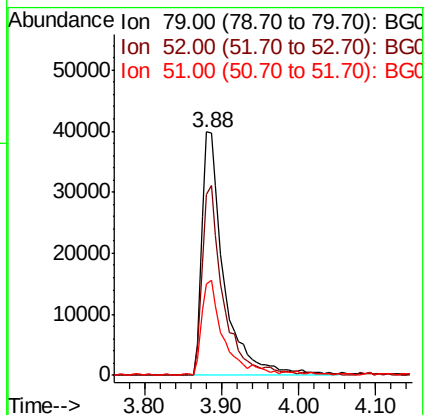
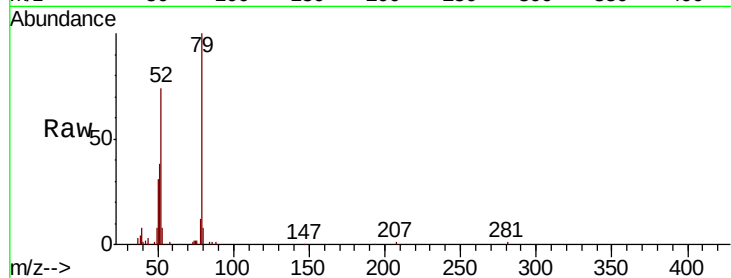
Tot Ion: 79 Resp: 79351

Ion Ratio Lower Upper

79 100

52 74.4 59.7 89.5

51 37.7 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 38.095 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

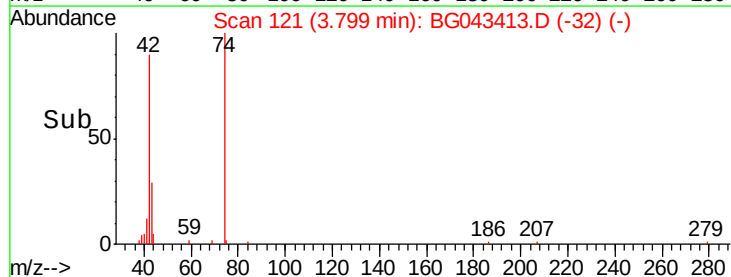
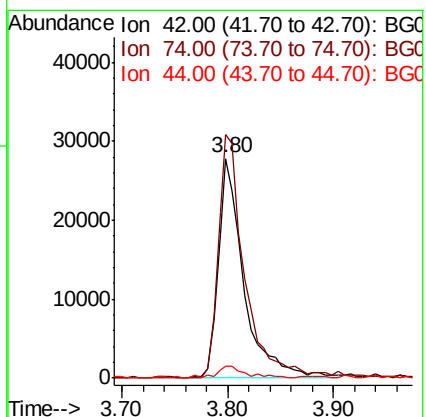
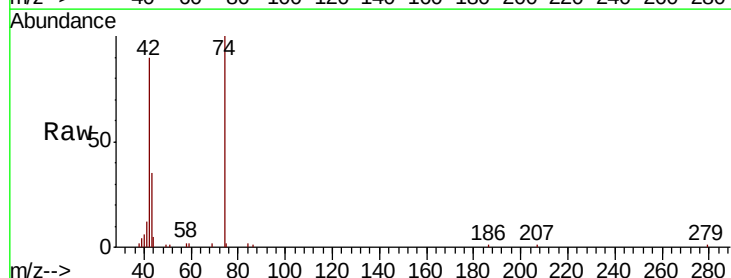
Tgt Ion: 42 Resp: 47257

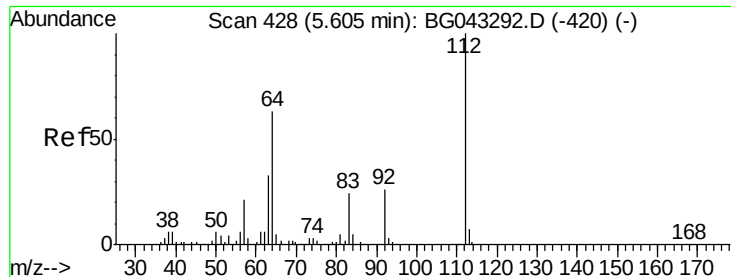
Ion Ratio Lower Upper

42 100

74 110.9 84.2 126.2

44 5.7 6.0 9.0#





#5

2-Fluorophenol

Concen: 112.473 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

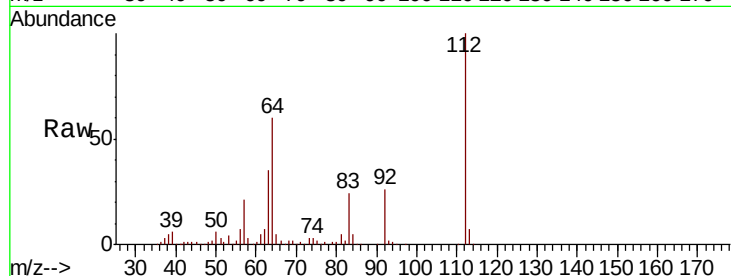
Tot Ion:112 Resp: 281274

Ion Ratio Lower Upper

112 100

64 59.8 50.2 75.2

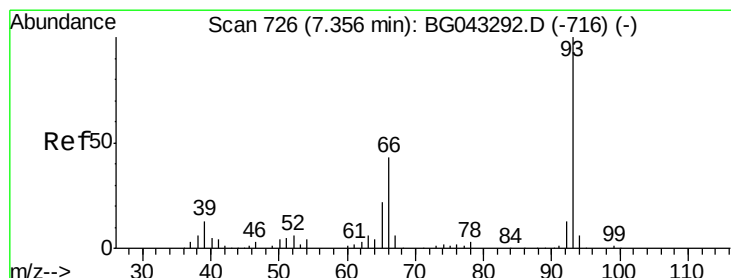
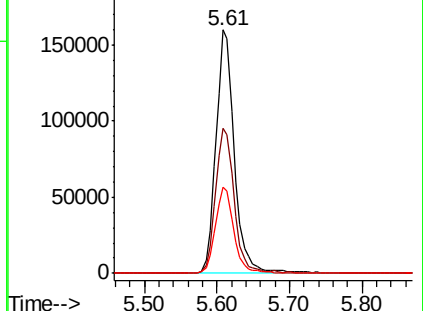
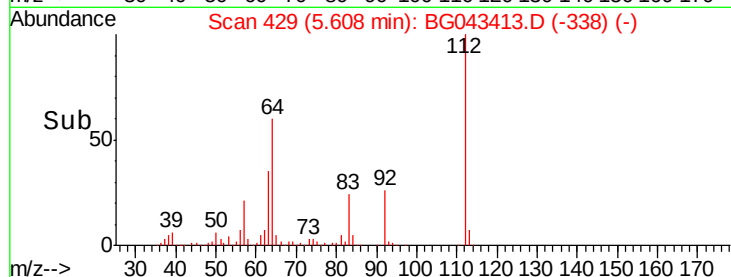
63 35.4 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.979 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

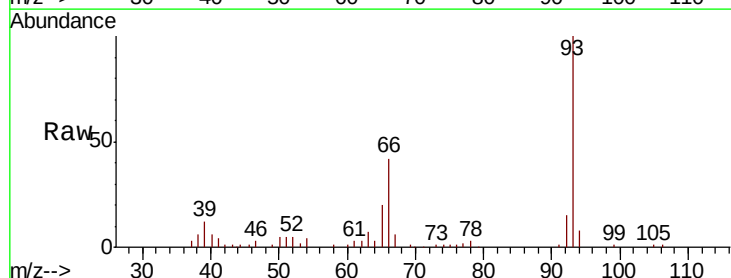
Tgt Ion: 93 Resp: 82808

Ion Ratio Lower Upper

93 100

66 41.8 34.5 51.7

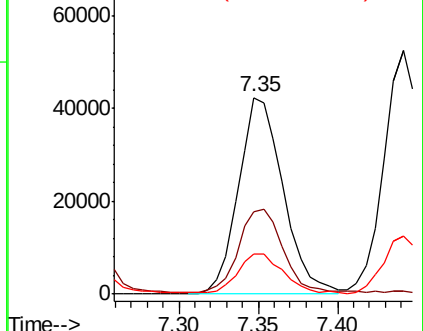
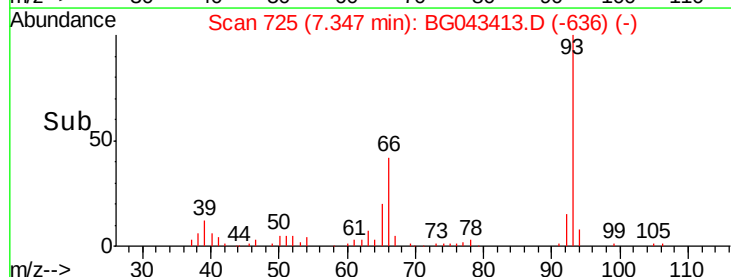
65 20.4 18.0 27.0

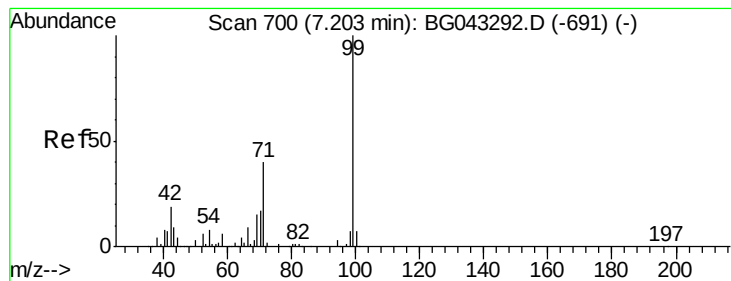


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.990 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampled :

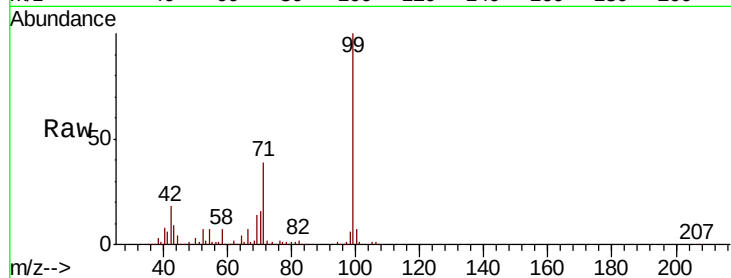
Tot Ion: 99 Resp: 399349

Ion Ratio Lower Upper

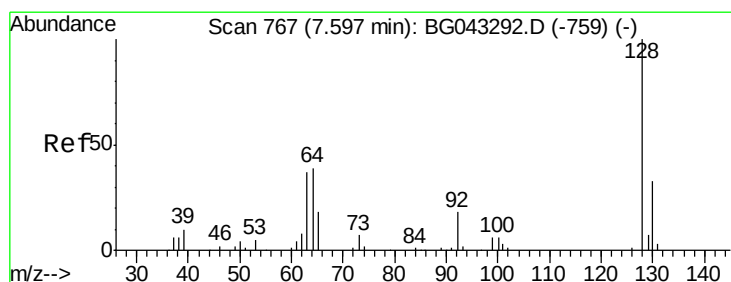
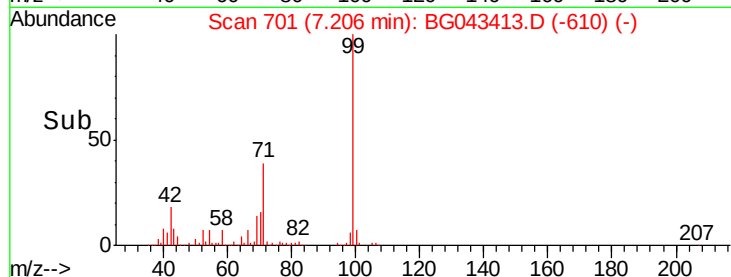
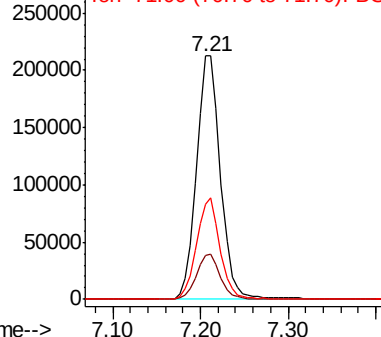
99 100

42 18.2 14.9 22.3

71 39.0 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: 40.317 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

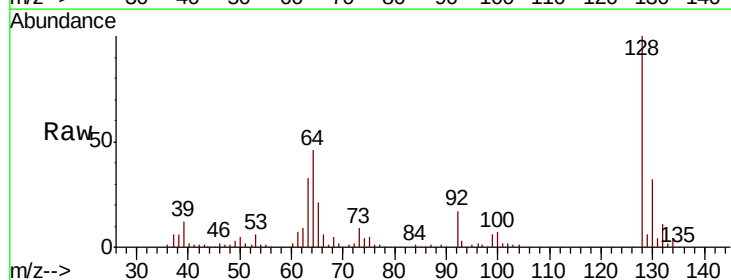
Tgt Ion: 128 Resp: 111299

Ion Ratio Lower Upper

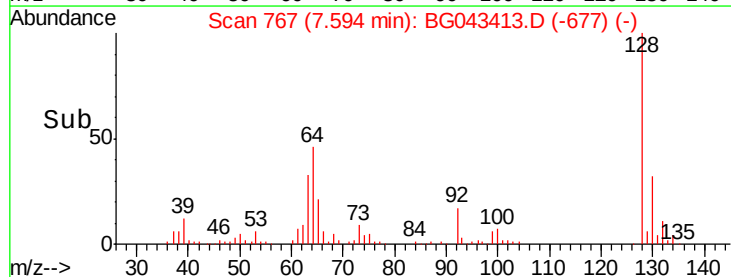
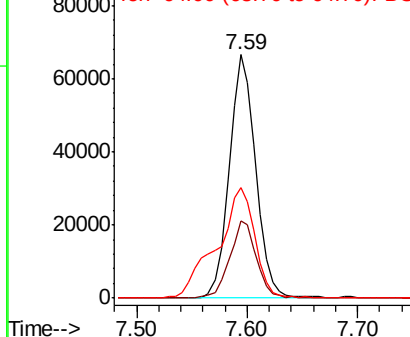
128 100

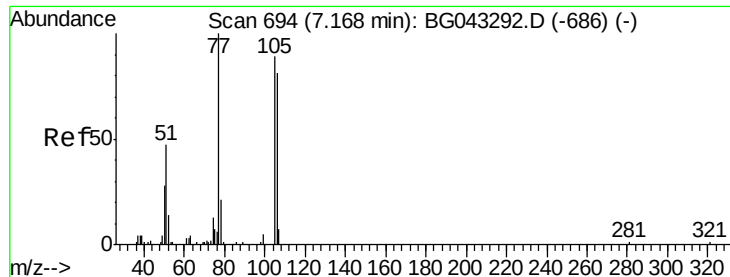
130 31.6 12.9 52.9

64 45.6 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: 32.365 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampled :

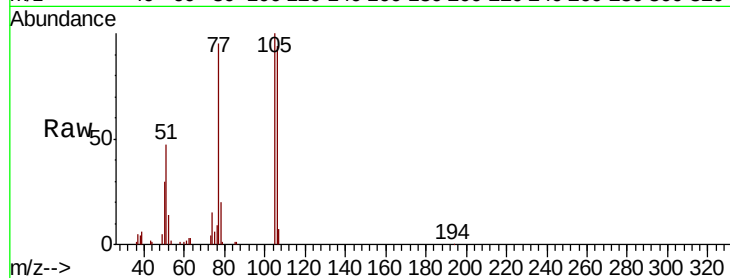
Tot Ion: 77 Resp: 57230

Ion Ratio Lower Upper

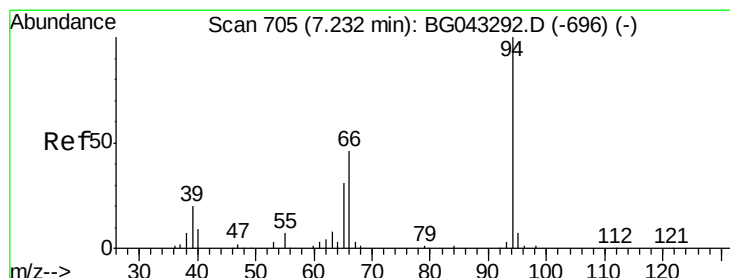
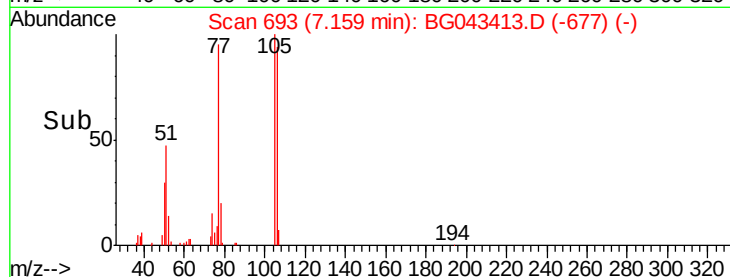
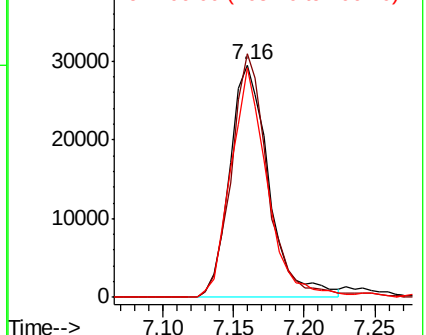
77 100

105 104.8 68.7 108.7

106 98.7 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: 43.479 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

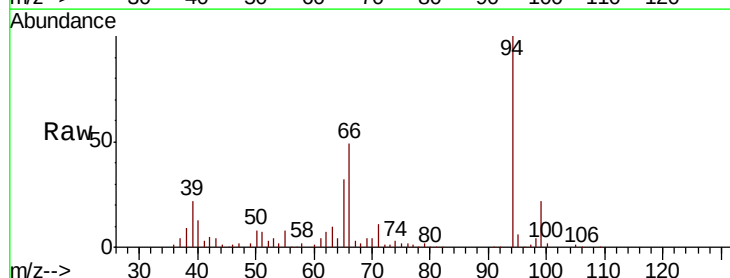
Tgt Ion: 94 Resp: 142956

Ion Ratio Lower Upper

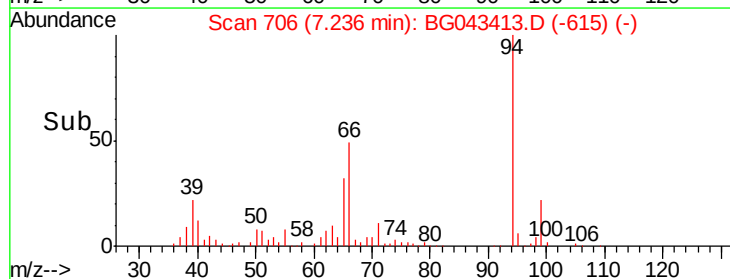
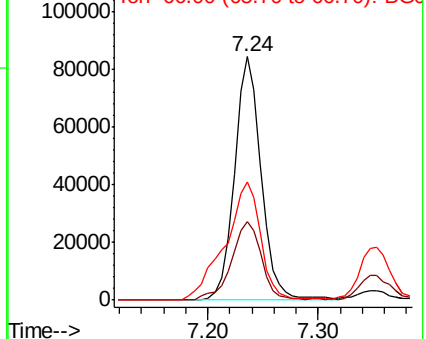
94 100

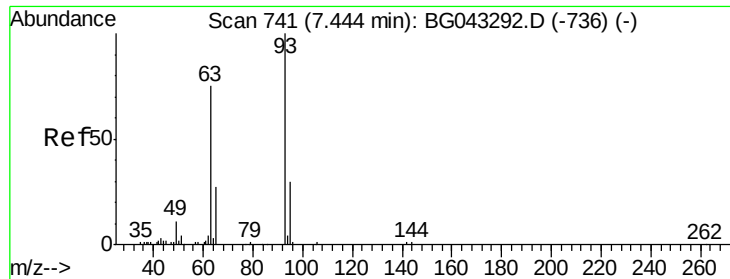
65 32.2 11.1 51.1

66 48.7 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

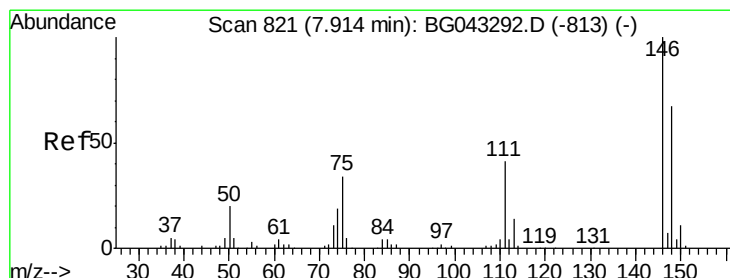
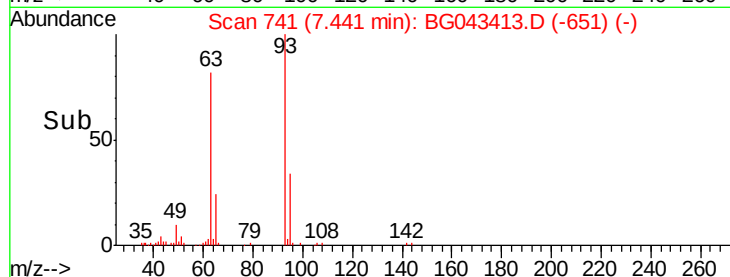
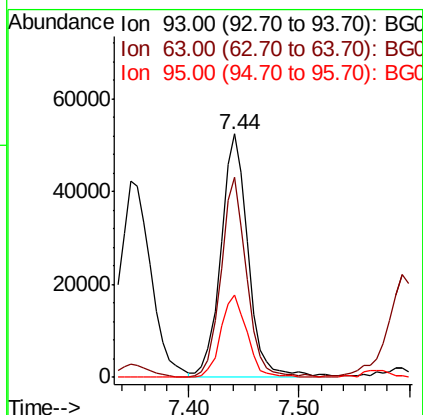
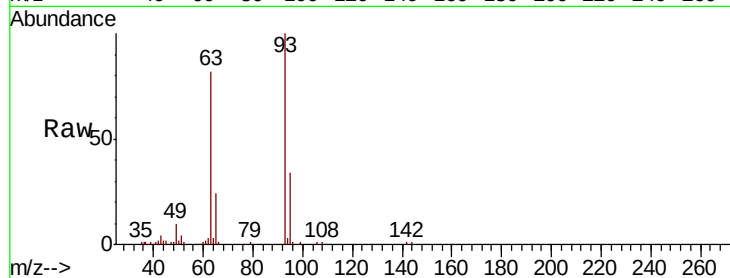




#11
bis(2-Chloroethyl)ether
Concen: 35.687 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

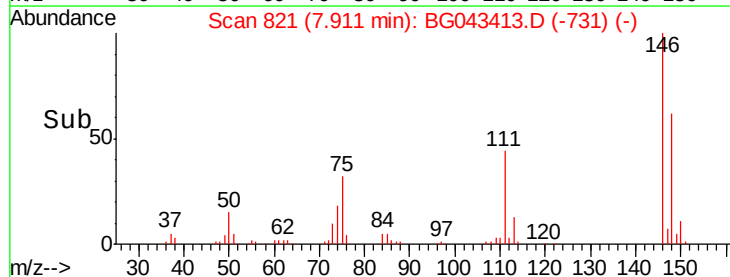
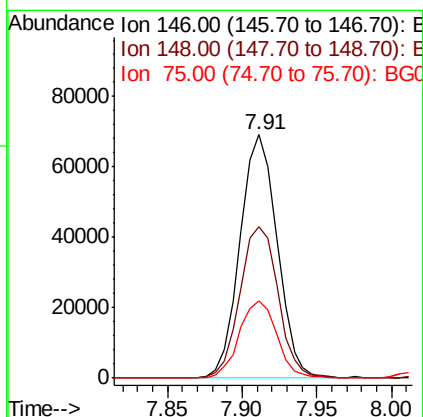
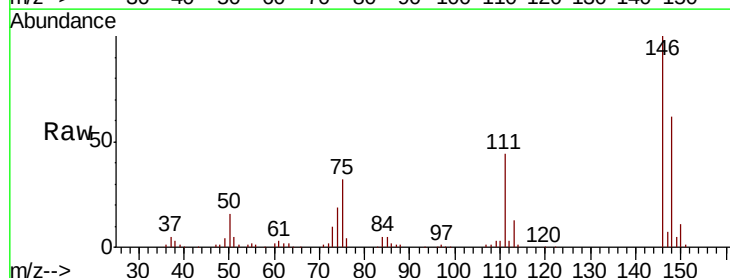
Instrument :
BNA_G
ClientSampleId :

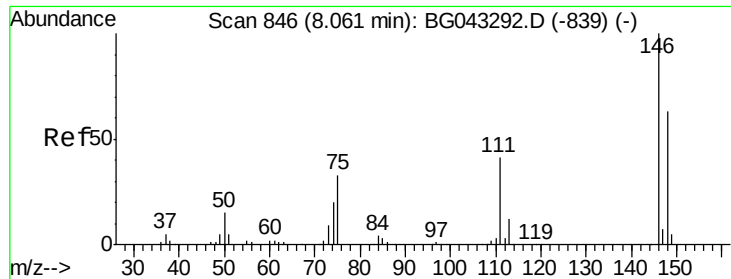
Tot Ion	93	Resp	90716
Ion Ratio	Lower	Upper	
93	100		
63	82.2	54.6	94.6
95	34.1	9.7	49.7



#12
1,3-Dichlorobenzene
Concen: 34.530 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Tgt Ion	146	Resp	119434
Ion Ratio	Lower	Upper	
146	100		
148	62.1	53.4	80.2
75	31.6	27.0	40.4

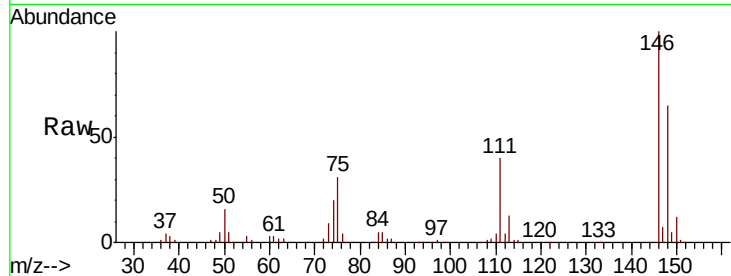




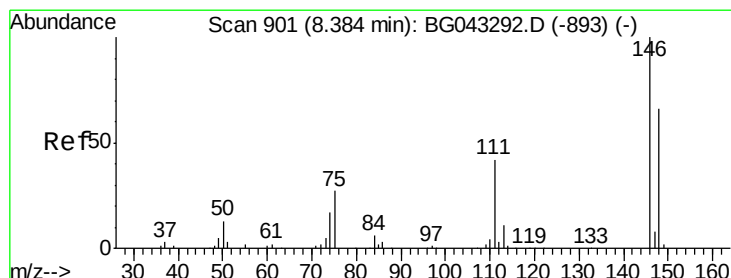
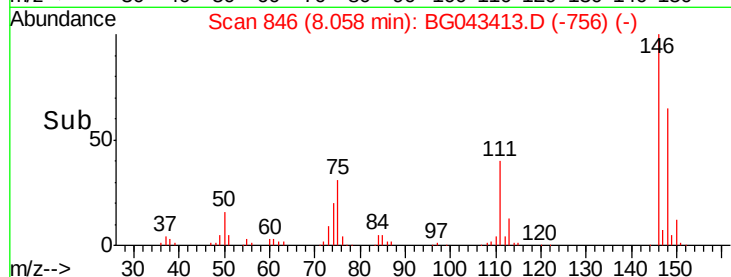
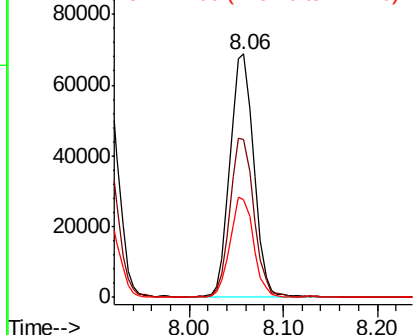
#13
 1,4-Dichlorobenzene
 Concen: 34.801 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 121784
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.7 76.1
 111 40.1 33.0 49.6

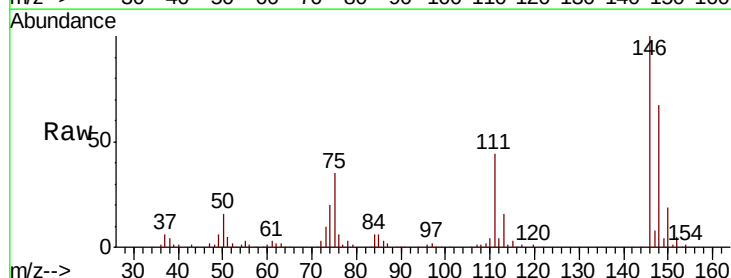


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

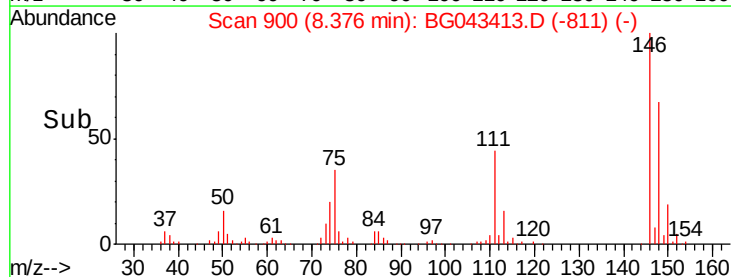
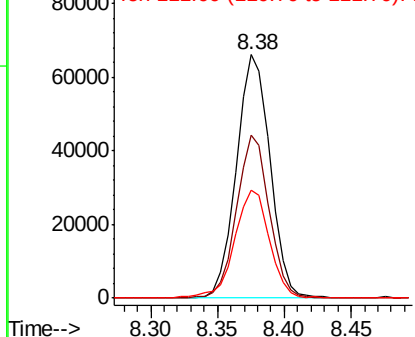


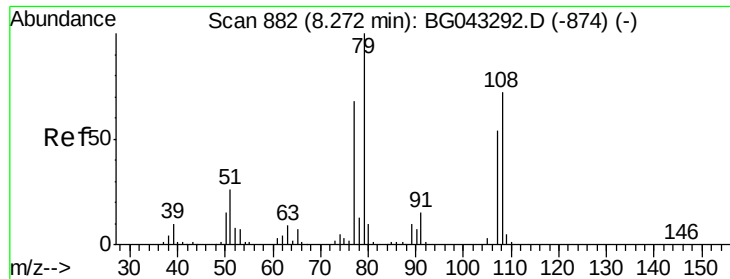
#14
 1,2-Dichlorobenzene
 Concen: 33.634 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Tgt Ion:146 Resp: 114923
 Ion Ratio Lower Upper
 146 100
 148 67.1 53.0 79.4
 111 44.1 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: 38.592 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

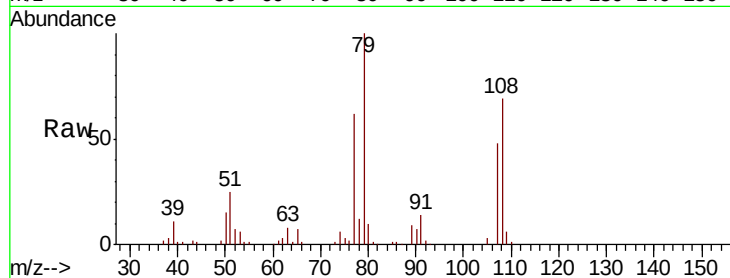
Tot Ion: 79 Resp: 97520

Ion Ratio Lower Upper

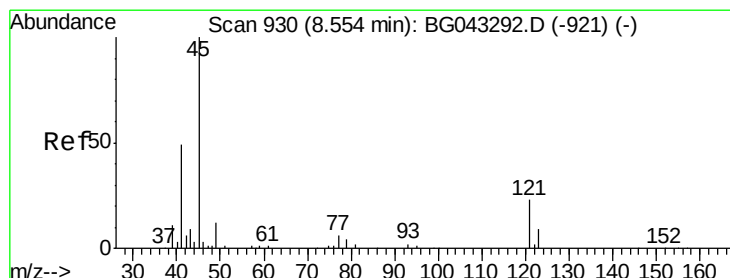
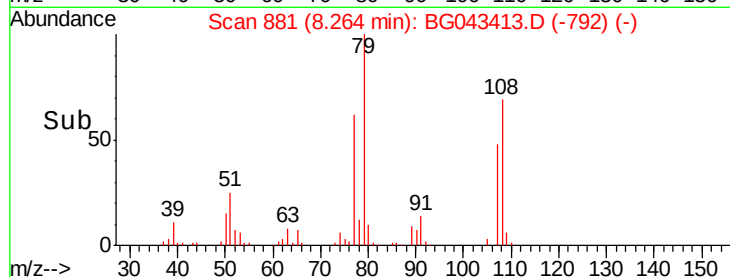
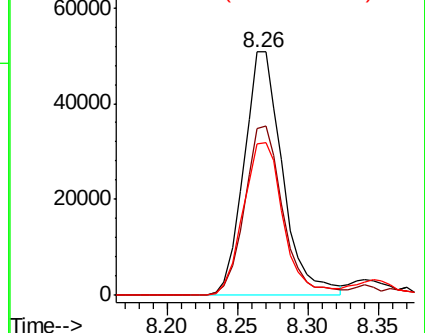
79 100

108 68.5 57.3 85.9

77 62.4 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: 33.058 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

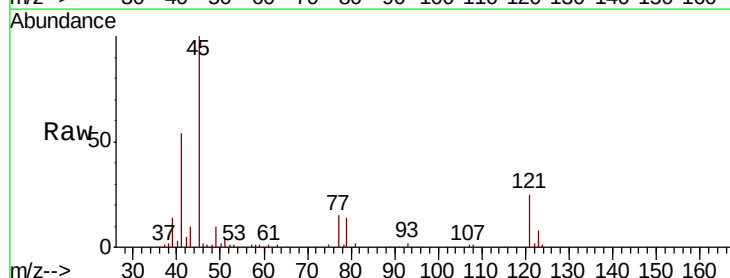
Tgt Ion: 45 Resp: 122192

Ion Ratio Lower Upper

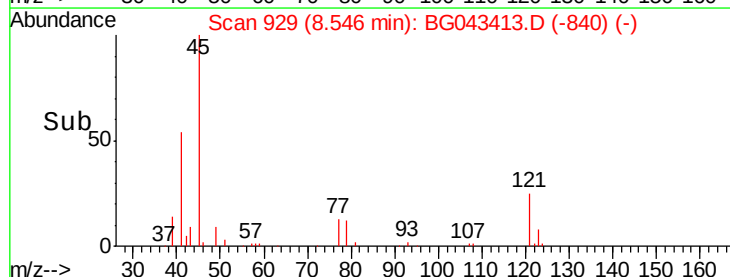
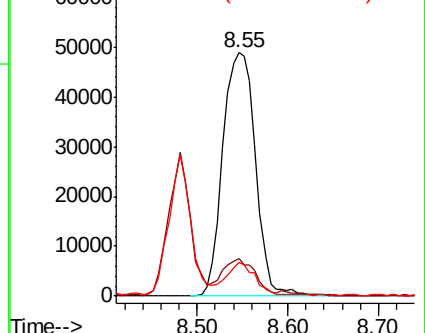
45 100

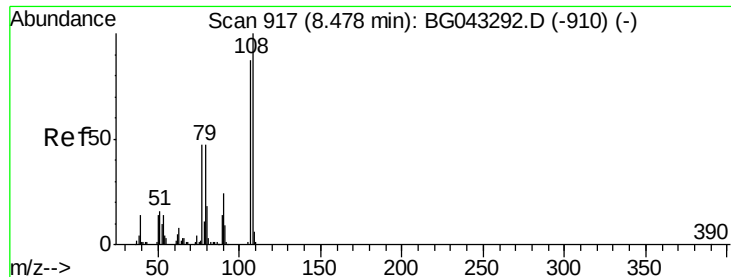
77 15.4 0.0 34.2

79 14.0 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: 38.777 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 92943

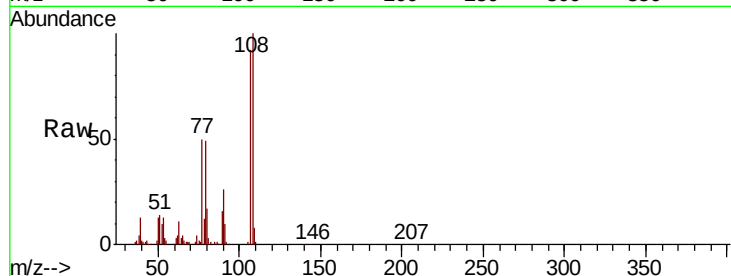
Ion Ratio Lower Upper

107 100

108 108.9 91.3 136.9

77 54.3 43.0 64.6

79 53.5 43.4 65.2

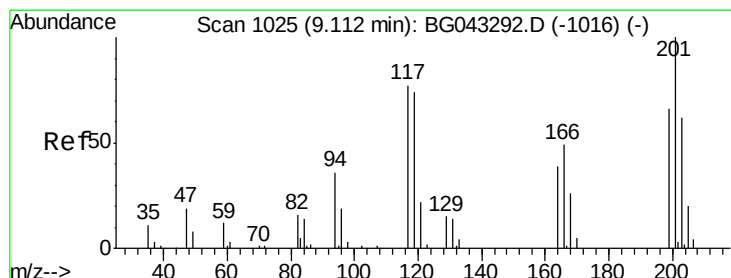
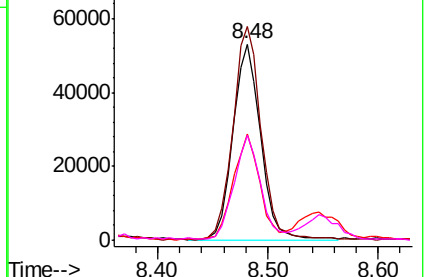
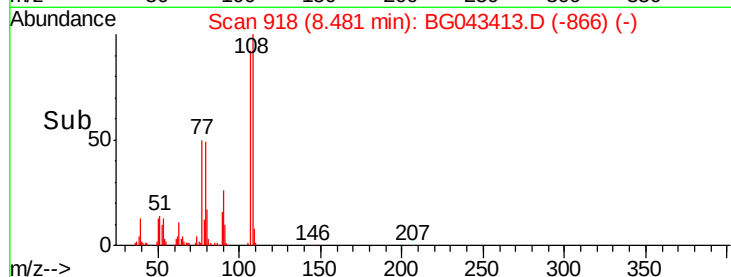


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 34.595 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

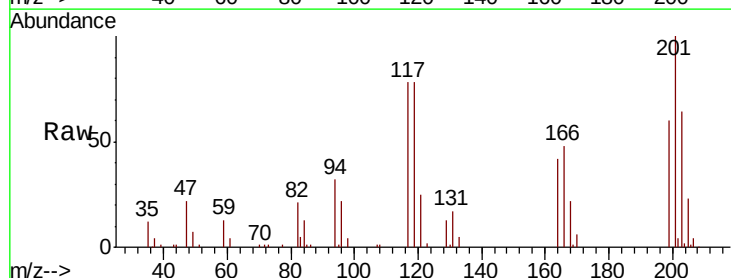
Tgt Ion:117 Resp: 43678

Ion Ratio Lower Upper

117 100

119 101.1 77.3 115.9

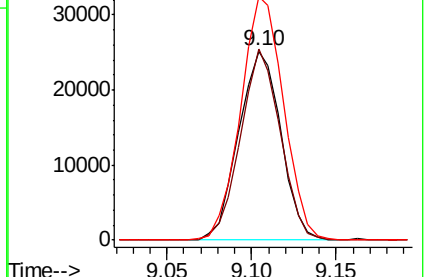
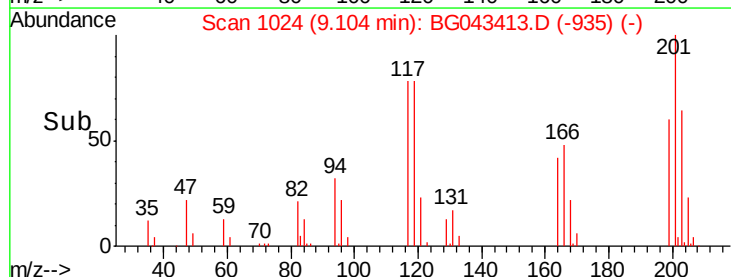
201 128.9 104.2 156.4

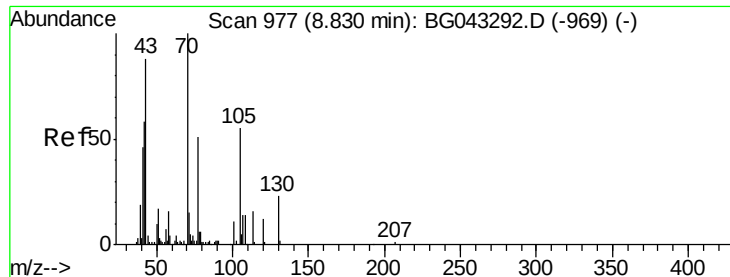


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

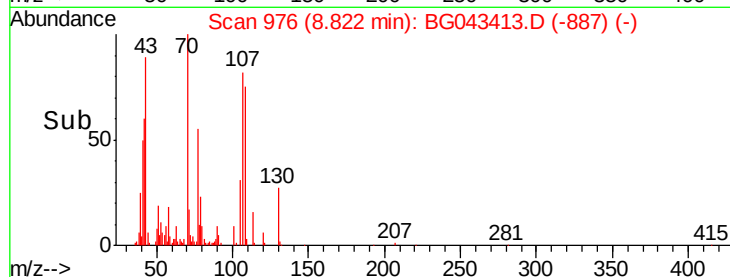
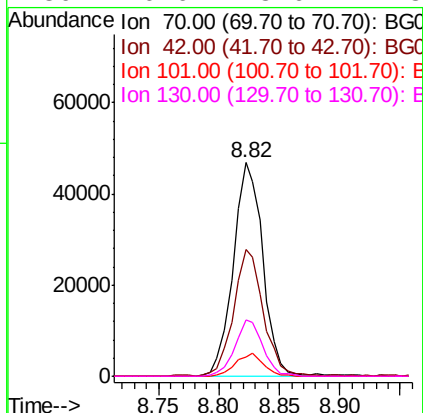
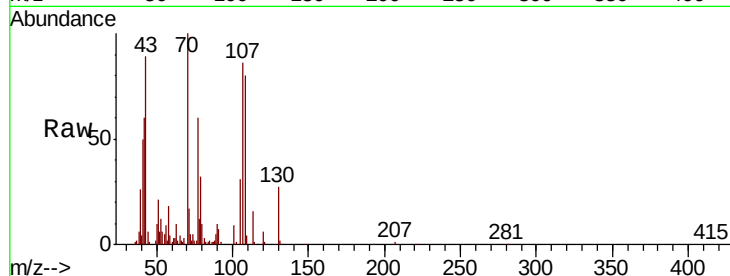




#19
n-Nitroso-di-n-propylamine
Concen: 34.349 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

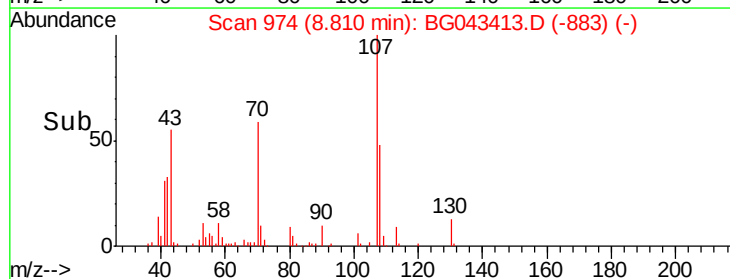
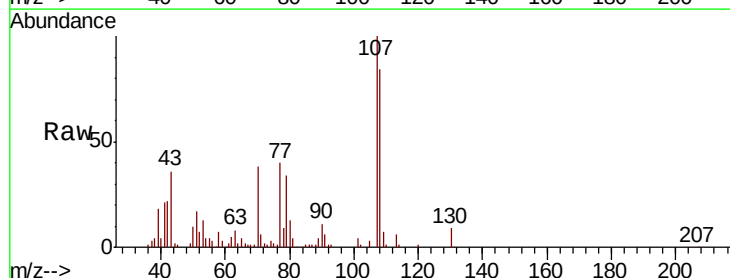
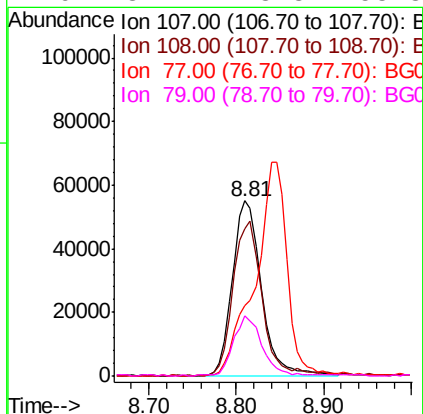
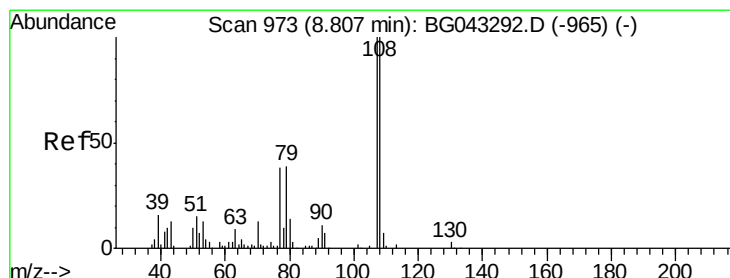
Instrument :
BNA_G
ClientSampleId :

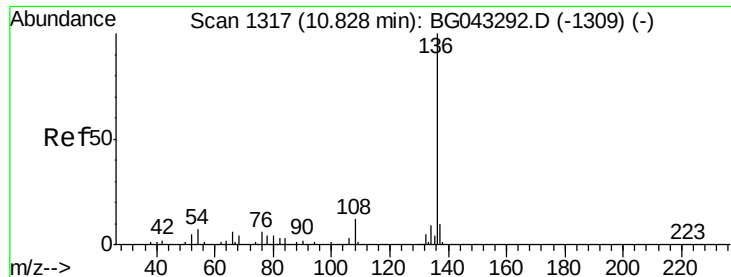
Tot Ion:	70	Resp:	79861
Ion	Ratio	Lower	Upper
70	100		
42	59.6	46.2	69.2
101	8.8	8.6	13.0
130	26.6	18.6	27.8



#20
3+4-Methylphenols
Concen: 37.792 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Tgt Ion:	107	Resp:	124212
Ion	Ratio	Lower	Upper
107	100		
108	84.2	80.3	120.3
77	40.4	18.2	58.2
79	34.1	18.8	58.8

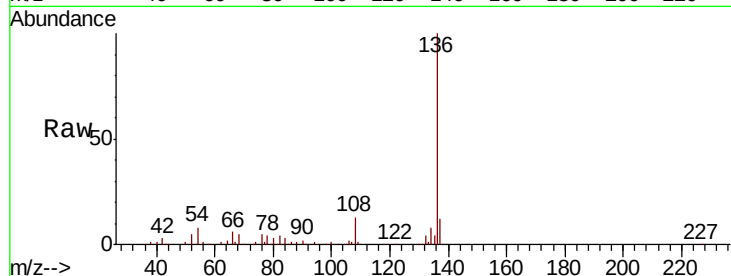




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	181765
Ion Ratio	Lower	Upper
136	100	
137	12.0	8.2 12.2
54	8.4	5.4 8.2#
68	4.6	3.3 4.9



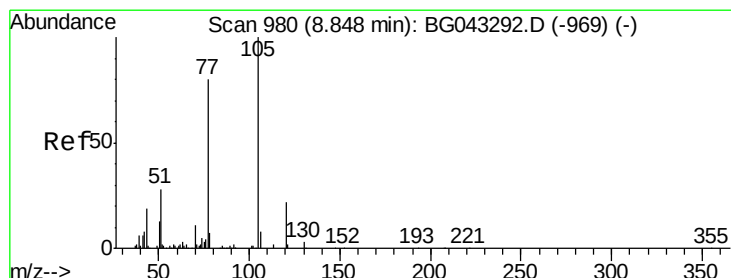
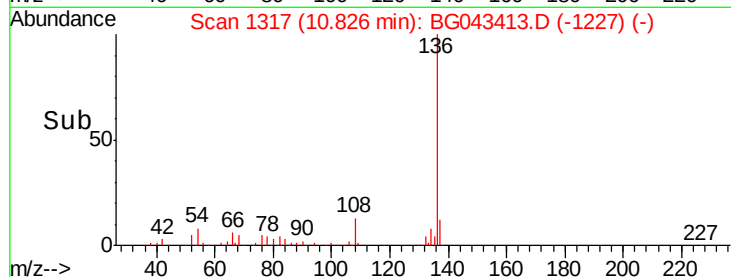
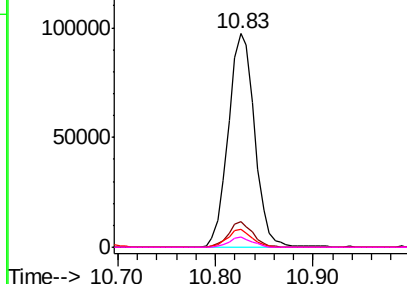
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

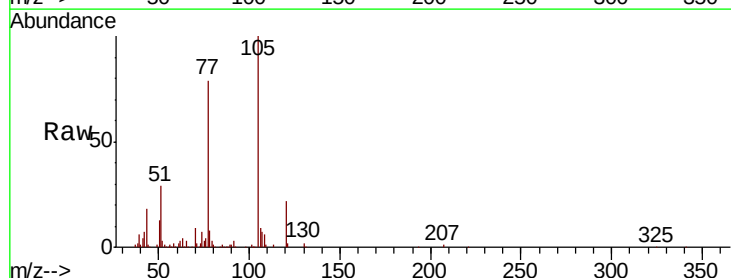
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 33.234 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Tgt Ion:105	Resp:	154699
Ion Ratio	Lower	Upper
105	100	
71	1.5	1.5 2.3
51	28.8	23.9 35.9
120	21.7	17.3 25.9



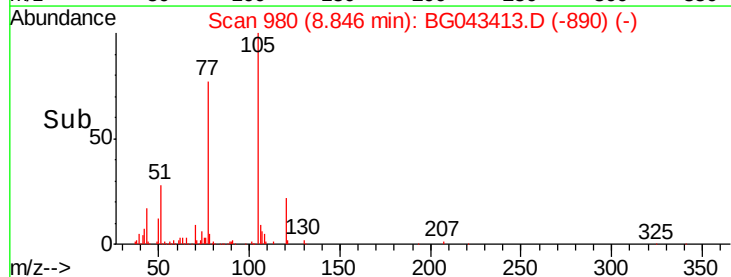
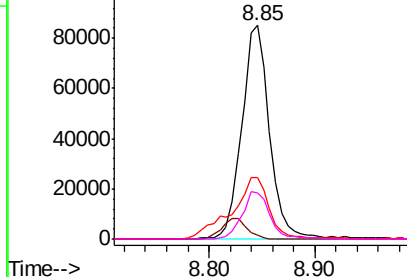
Abundance

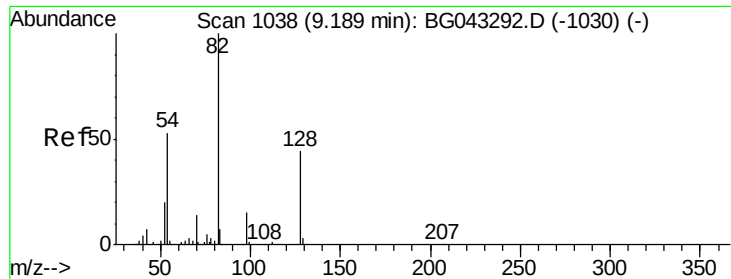
Ion 105.00 (104.70 to 105.70): E

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

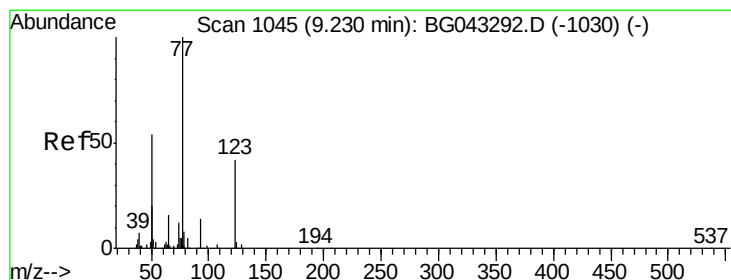
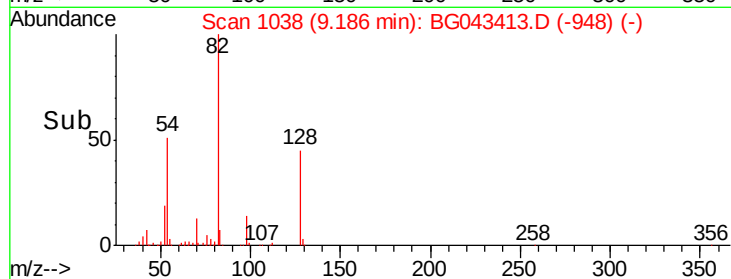
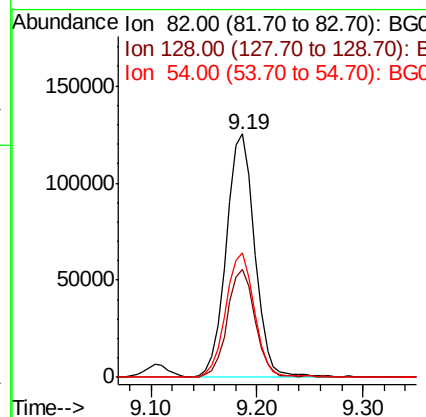
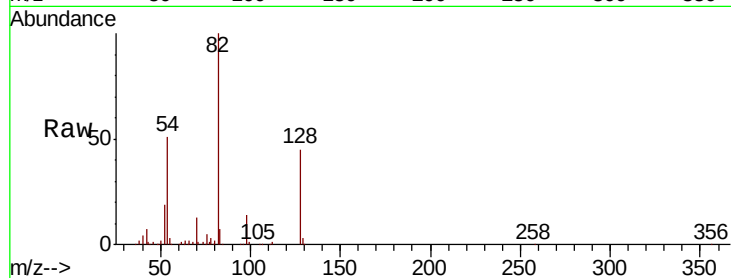




#23
 Nitrobenzene-d5
 Concen: 66.558 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

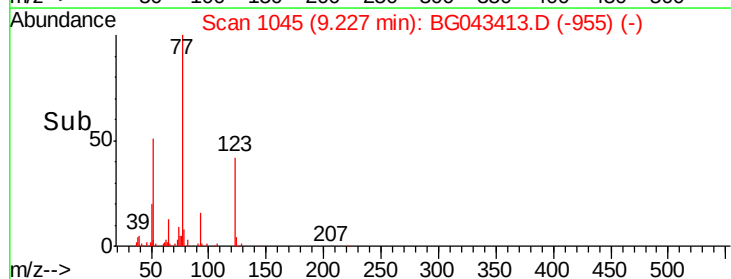
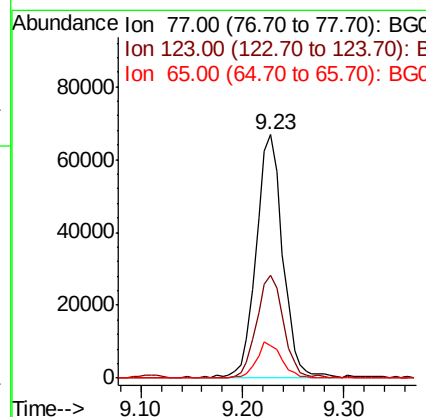
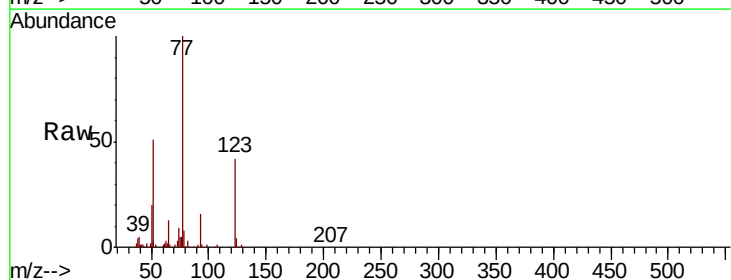
Instrument :
 BNA_G
 ClientSampleId :

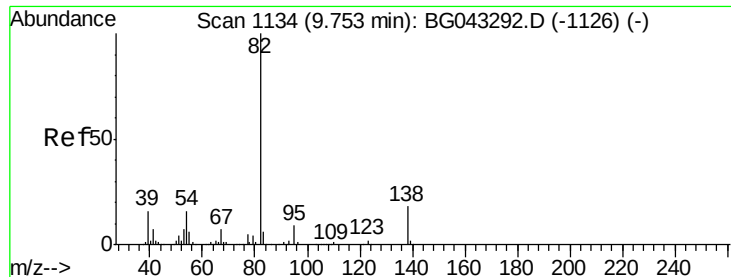
Tot Ion	82	Resp	234661
Ion Ratio	Lower	Upper	
82	100		
128	44.5	35.3	52.9
54	51.0	42.3	63.5



#24
 Nitrobenzene
 Concen: 36.369 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Tgt Ion	77	Resp	122150
Ion Ratio	Lower	Upper	
77	100		
123	42.1	33.8	50.8
65	13.4	13.0	19.4





#25

Isophorone

Concen: 34.725 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

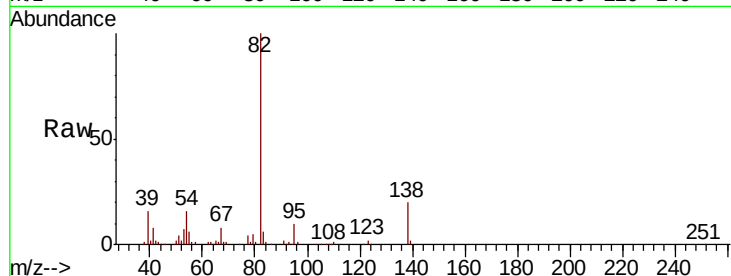
Tot Ion: 82 Resp: 223835

Ion Ratio Lower Upper

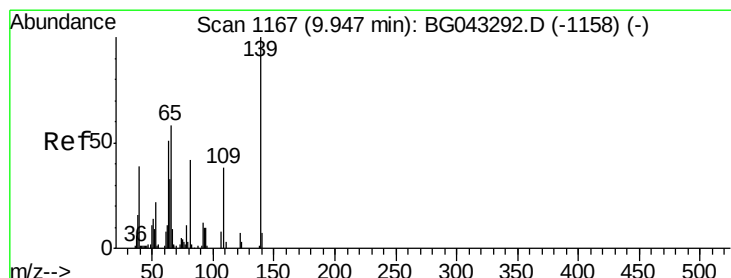
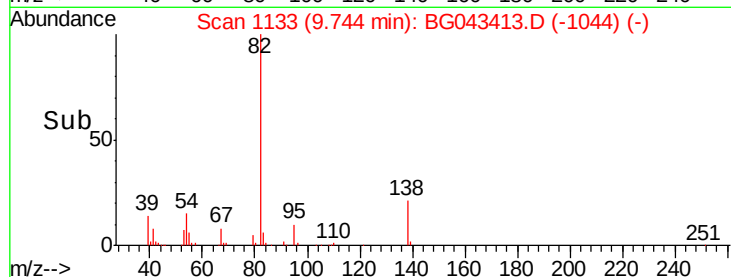
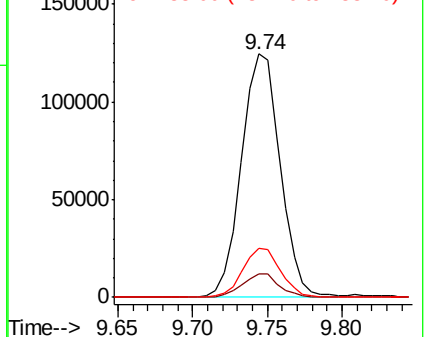
82 100

95 9.7 6.9 10.3

138 20.3 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: 37.463 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

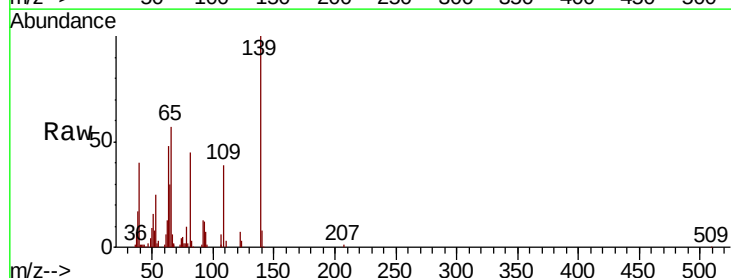
Tgt Ion: 139 Resp: 60745

Ion Ratio Lower Upper

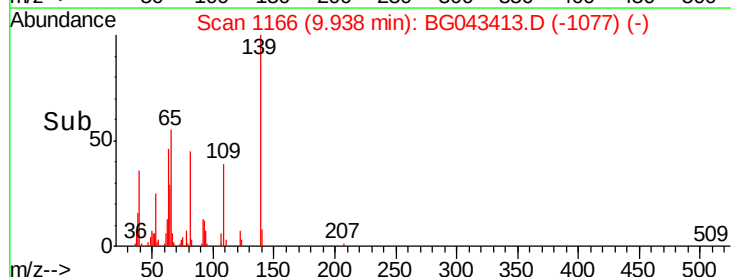
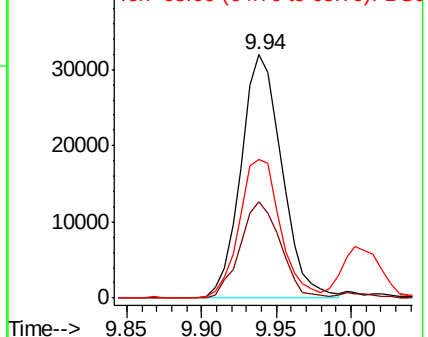
139 100

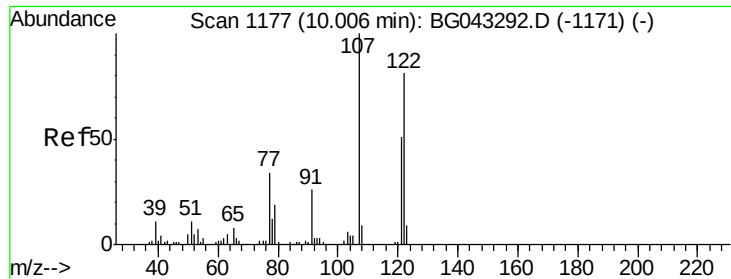
109 39.4 30.1 45.1

65 57.0 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

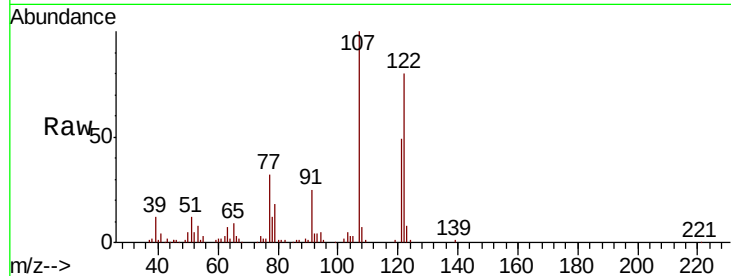




#27
 2,4-Dimethylphenol
 Concen: 43.525 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.9	98.6	147.8
121	61.8	50.1	75.1

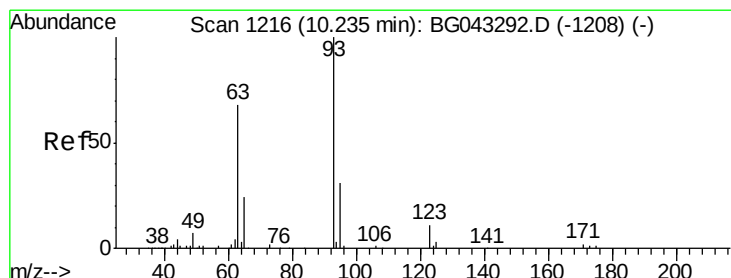
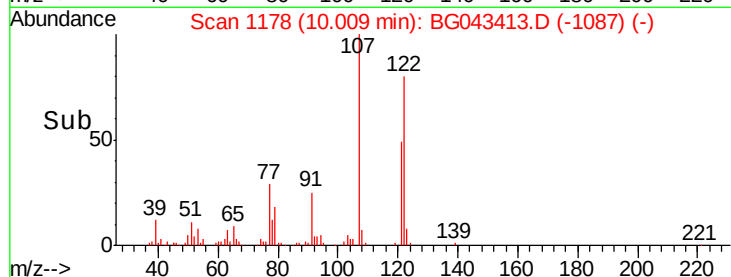
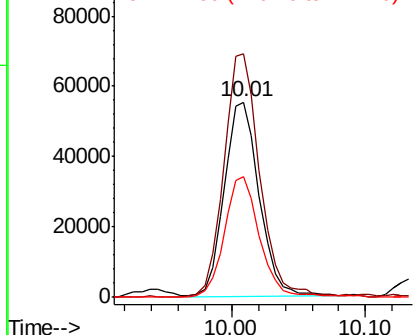


Abundance

Ion 122.00 (121.70 to 122.70): E

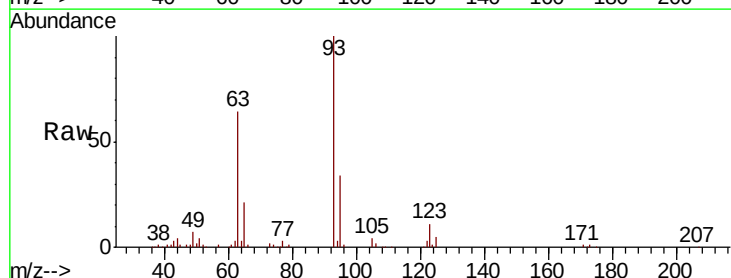
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.964 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	24.9	37.3
123	10.8	8.9	13.3

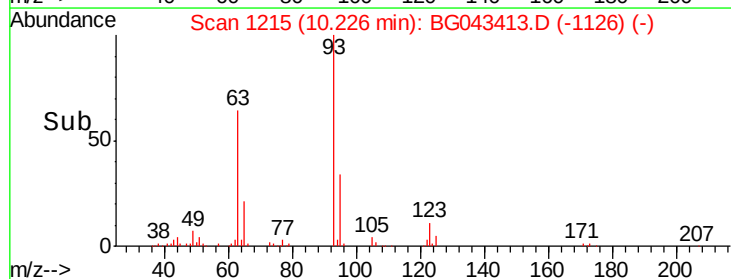
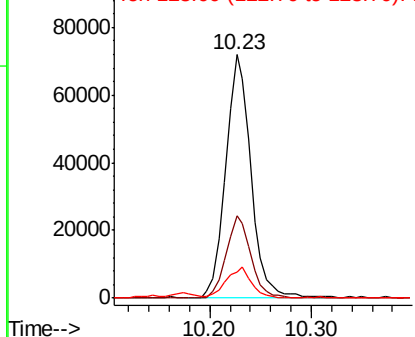


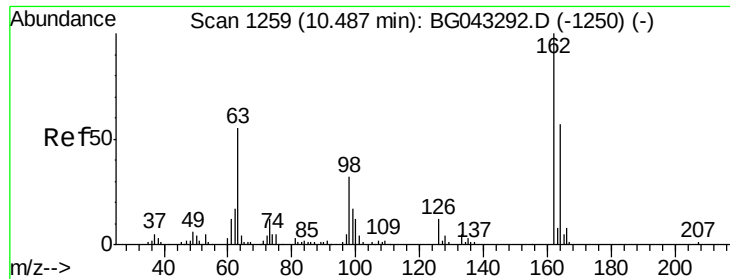
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

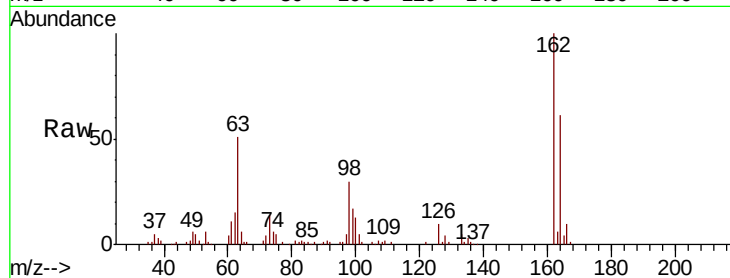




#29
 2,4-Dichlorophenol
 Concen: 39.517 ng
 RT: 10.48 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.1	37.3	77.3
98	30.4	11.8	51.8

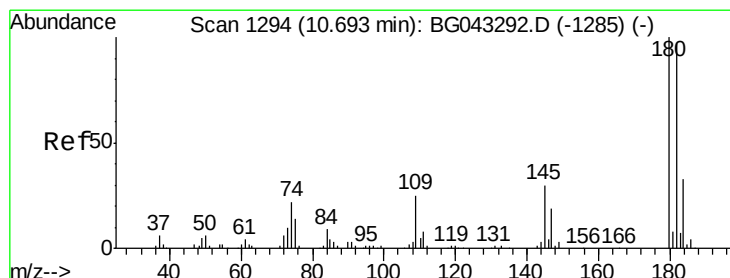
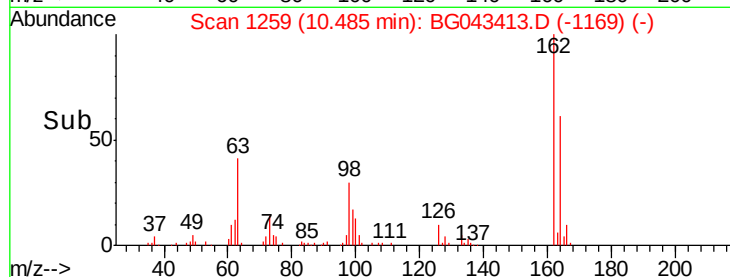
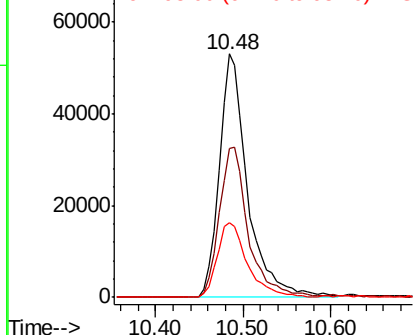


Abundance

Ion 162.00 (161.70 to 162.70): E

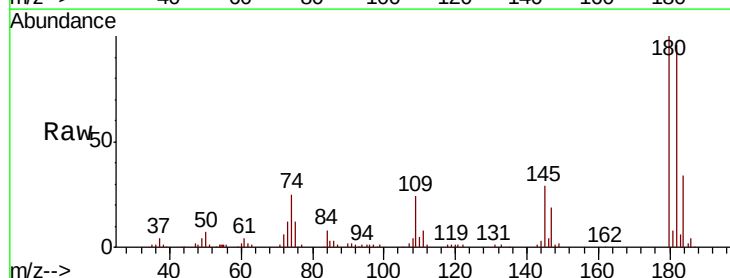
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 35.204 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.8	116.8
145	29.0	23.6	35.4

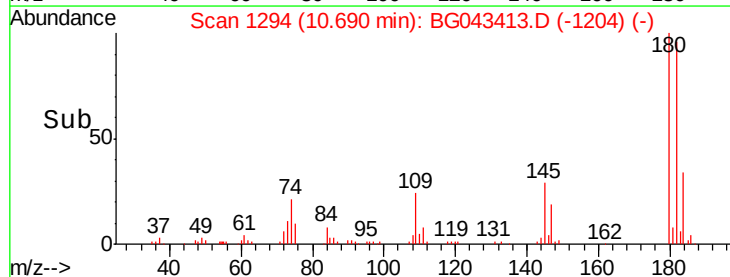
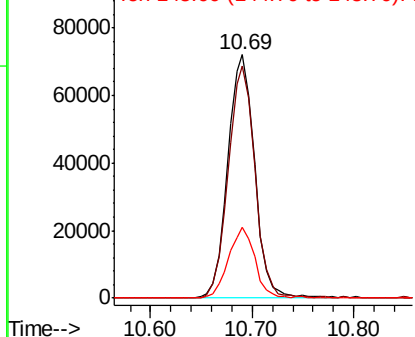


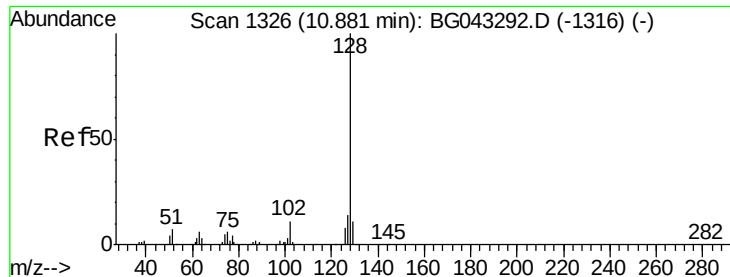
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

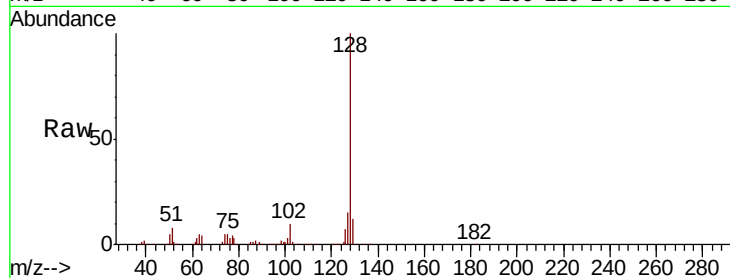




#31
Naphthalene
Concen: 36.675 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.6	12.8
127	14.6	11.5	17.3

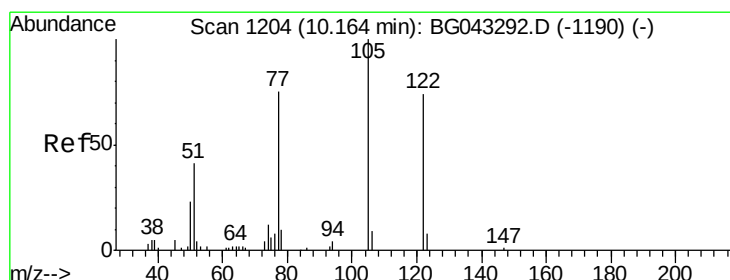
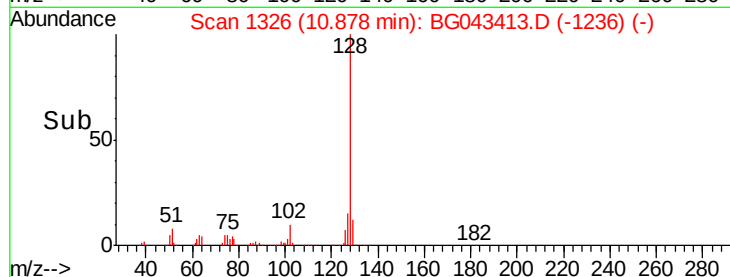
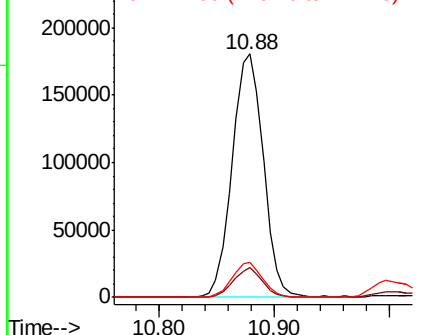


Abundance

Ion 128.00 (127.70 to 128.70): E

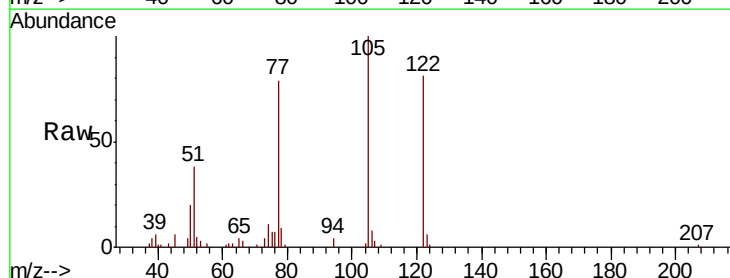
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 34.371 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	112.4	152.4
77	98.0	82.7	122.7

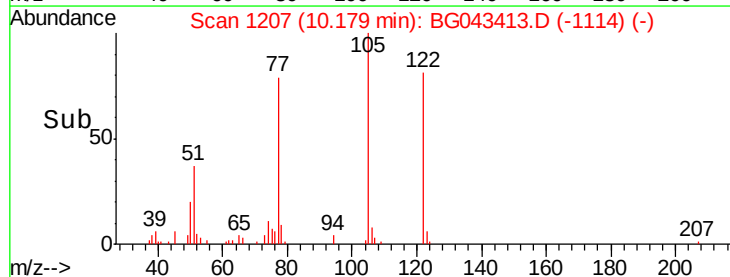
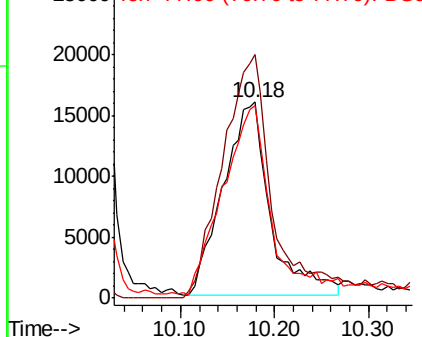


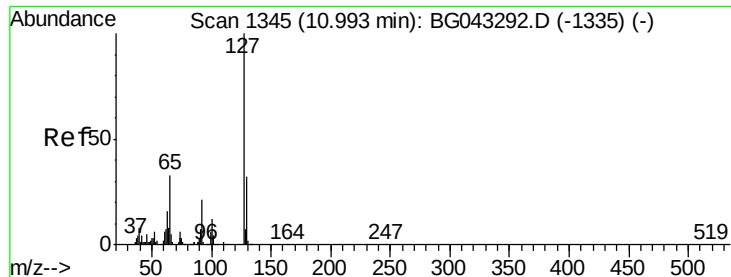
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

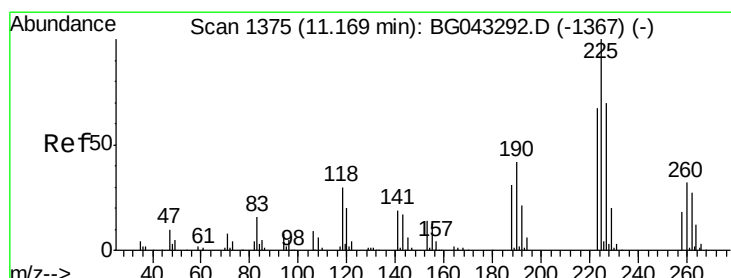
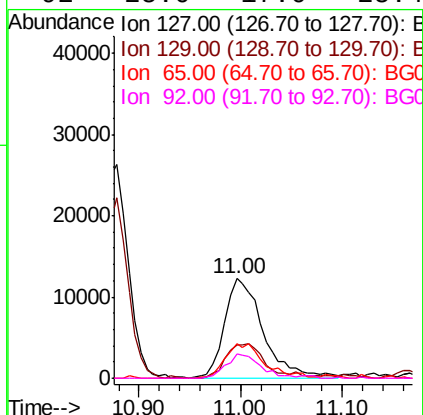
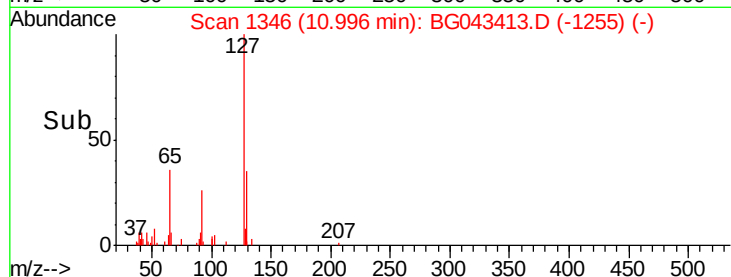
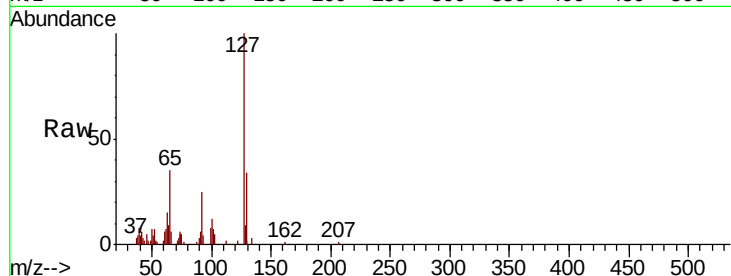




#33
4-Chloroaniline
Concen: 8.648 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

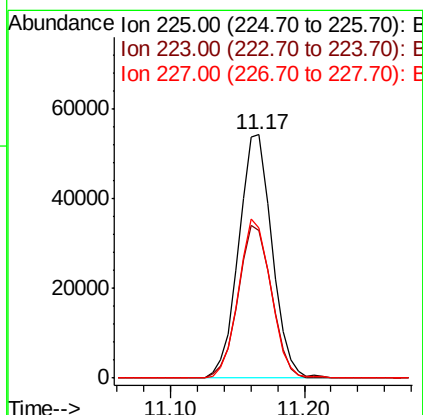
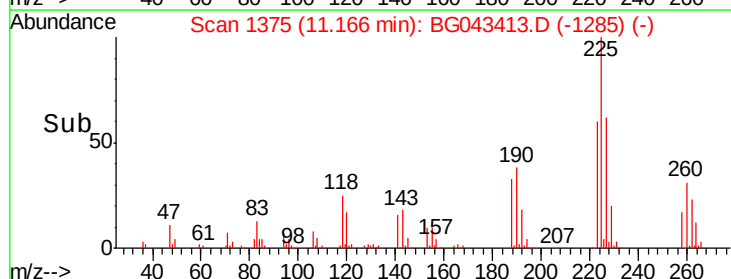
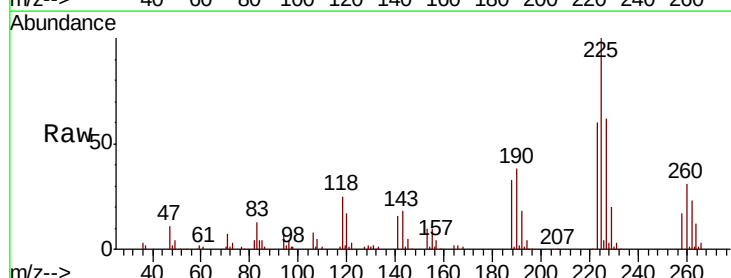
Instrument :
BNA_G
ClientSampleId :

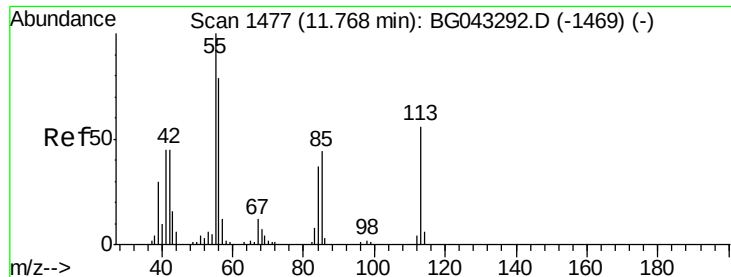
Tot Ion:127	Resp:	32707
Ion Ratio	Lower	Upper
127	100	
129	34.1	25.8 38.8
65	34.6	26.2 39.2
92	25.0	17.0 25.4



#34
Hexachlorobutadiene
Concen: 33.704 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Tgt Ion:225	Resp:	93505
Ion Ratio	Lower	Upper
225	100	
223	60.4	53.2 79.8
227	61.9	56.2 84.2

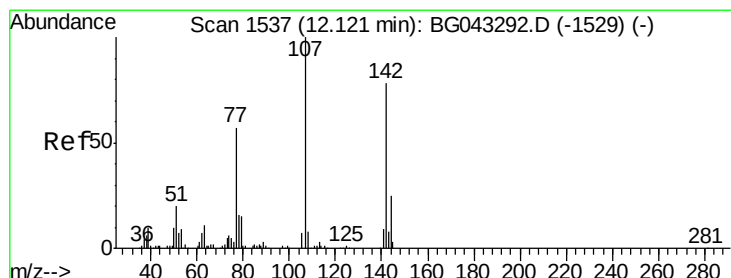
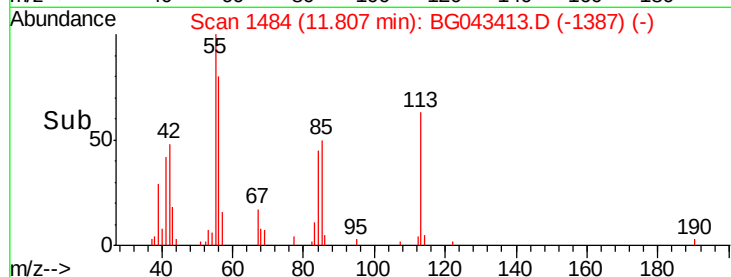
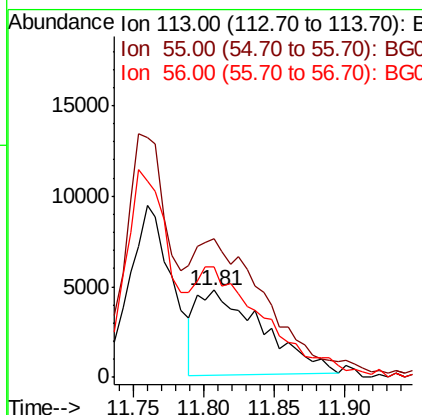
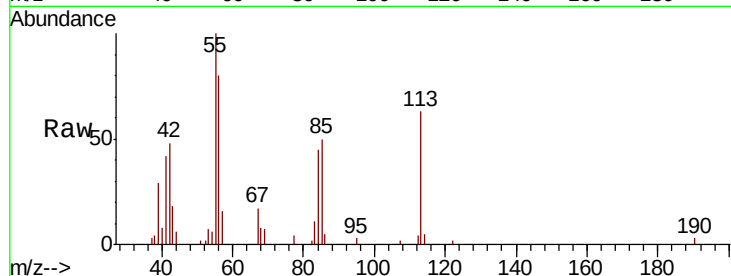




#35
 Caprolactam
 Concen: 14.800 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. 0.04 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

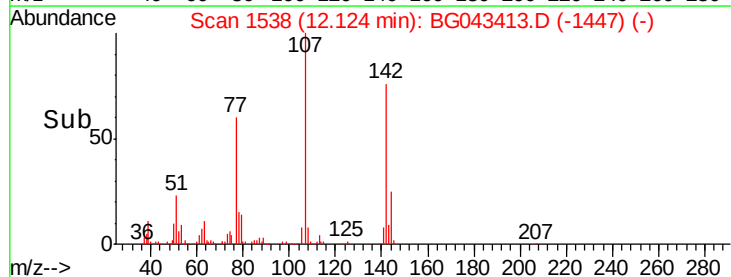
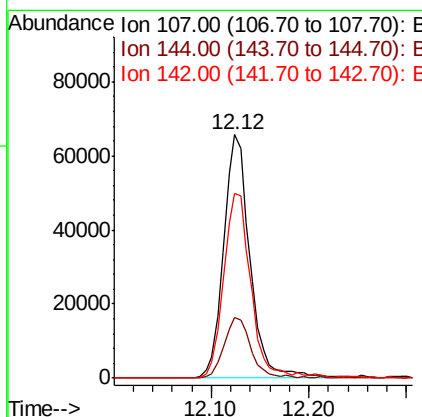
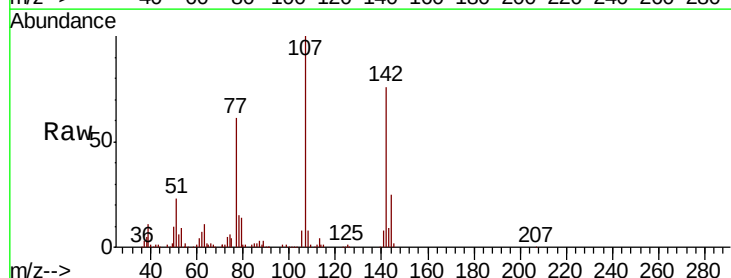
Instrument :
 BNA_G
 ClientSampled :

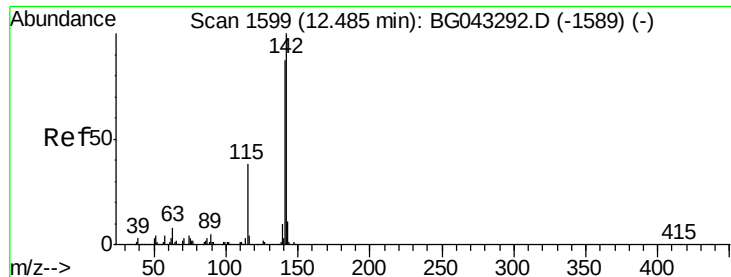
Tot Ion:113 Resp: 15178
 Ion Ratio Lower Upper
 113 100
 55 159.1 158.9 198.9
 56 126.5 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 37.910 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Tgt Ion:107 Resp: 123134
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.9 29.9
 142 76.1 62.1 93.1

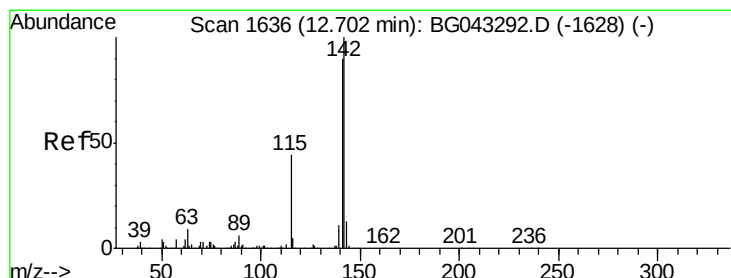
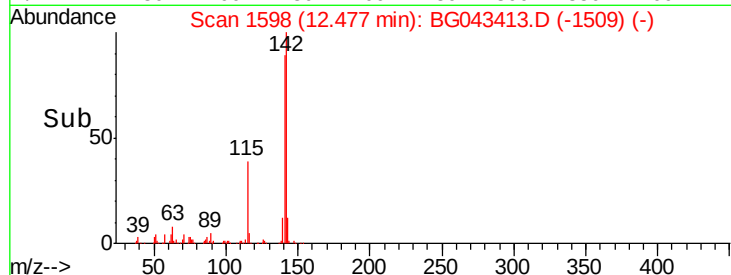
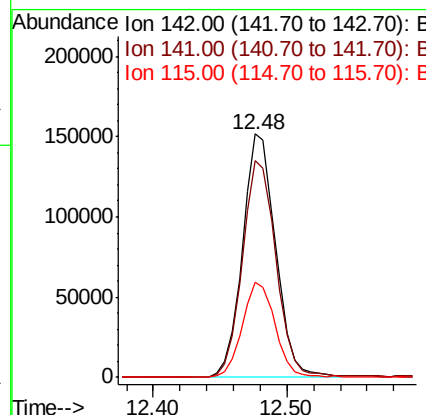
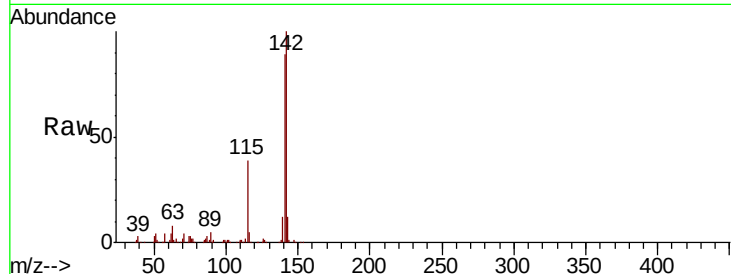




#37
 2-Methylnaphthalene
 Concen: 36.611 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

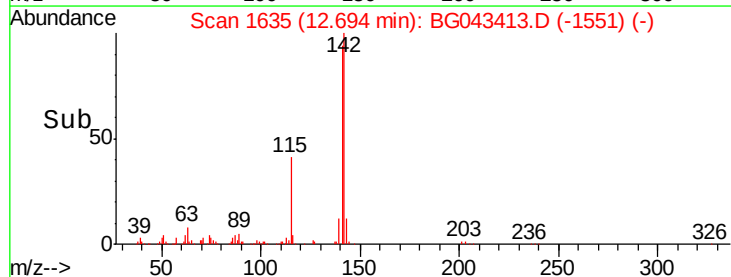
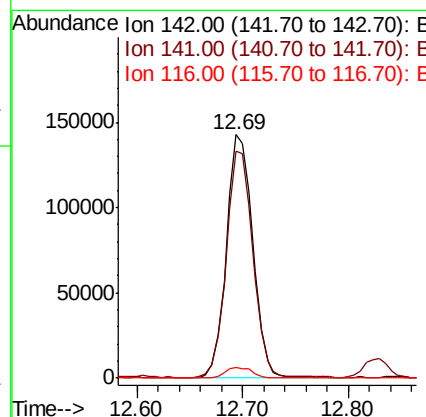
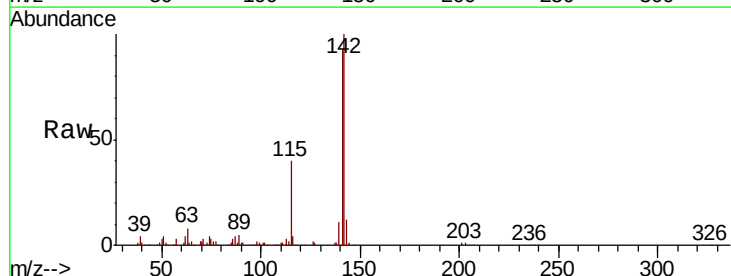
Instrument :
 BNA_G
 ClientSampleId :

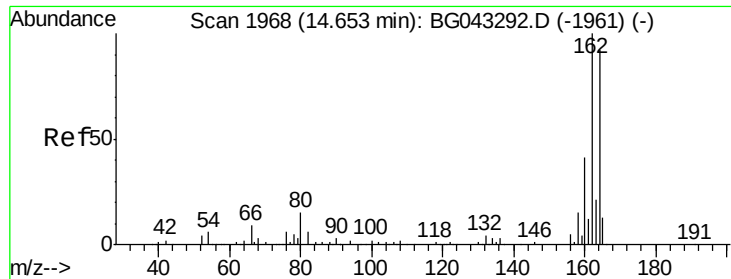
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.7	104.5
115	38.9	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 36.554 ng
 RT: 12.69 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.3	108.5
116	4.4	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampled :

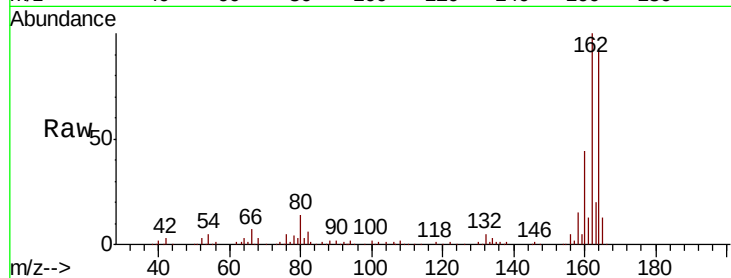
Tot Ion:164 Resp: 130051

Ion Ratio Lower Upper

164 100

162 107.5 87.0 130.4

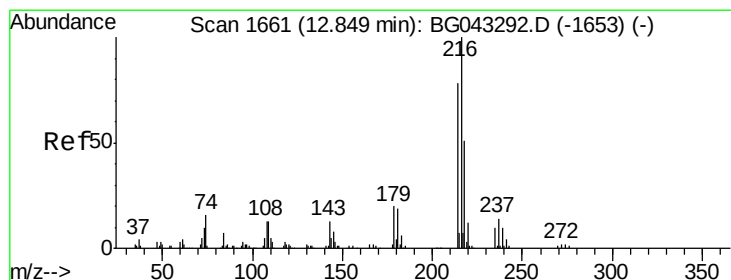
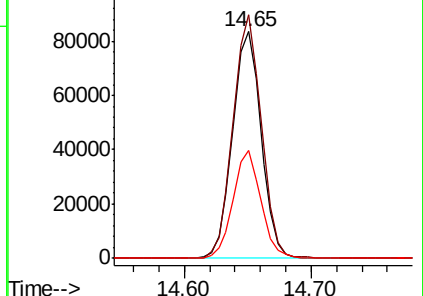
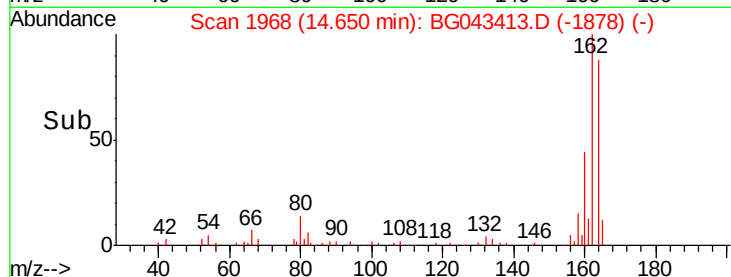
160 47.7 35.5 53.3



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: 35.399 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Tgt Ion:216 Resp: 170377

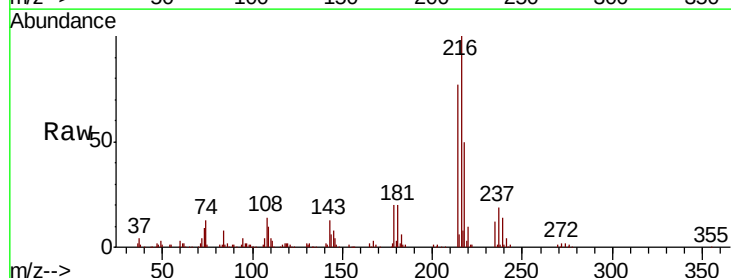
Ion Ratio Lower Upper

216 100

214 76.4 63.5 95.3

179 19.3 16.2 24.2

108 15.8 11.2 16.8

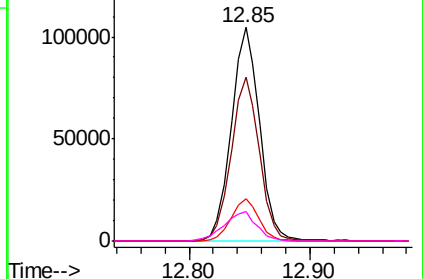
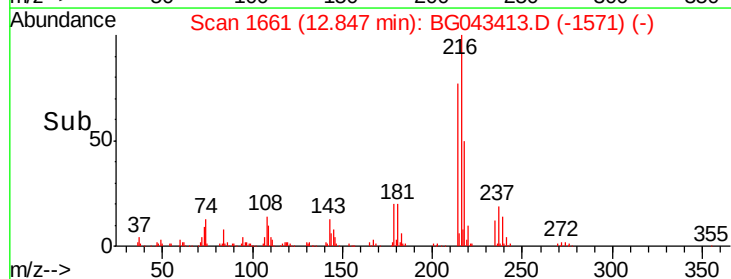


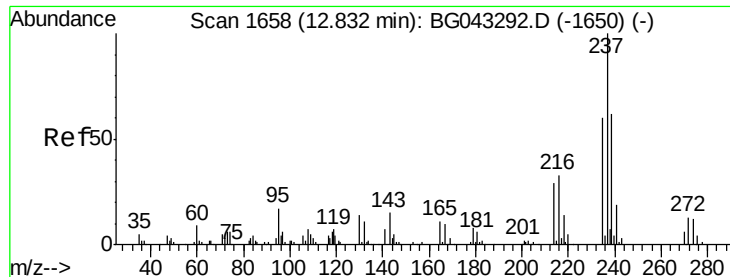
Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.203 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

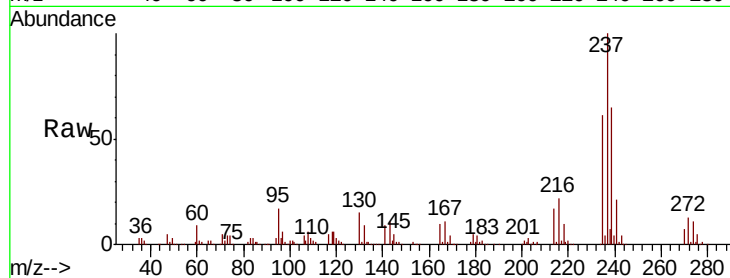
Tot Ion:237 Resp: 192664

Ion Ratio Lower Upper

237 100

235 61.4 40.3 80.3

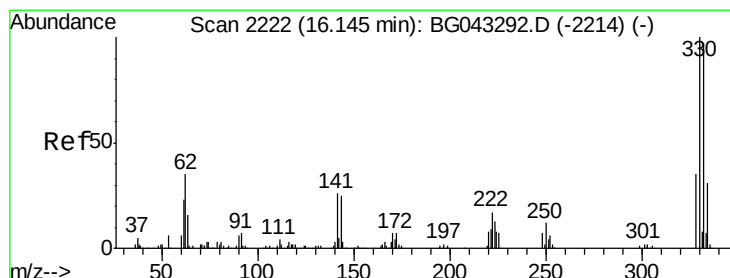
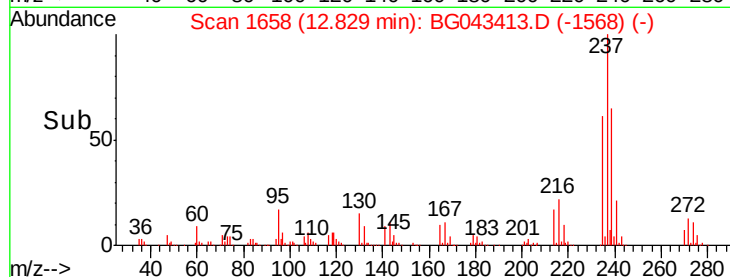
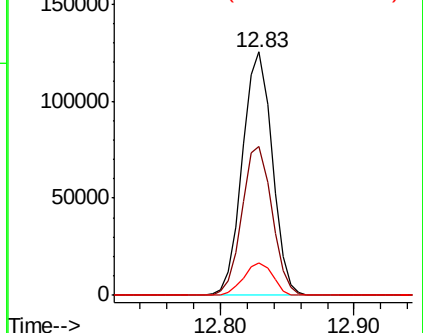
272 13.3 0.0 32.9



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: 98.702 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

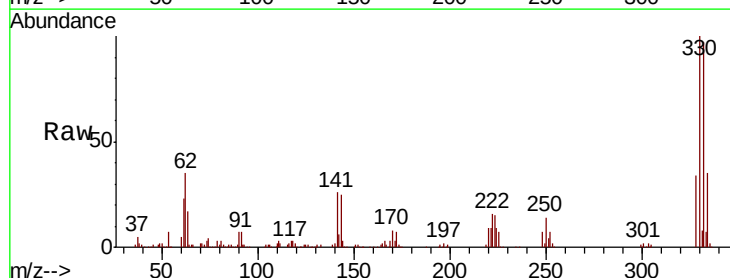
Tgt Ion:330 Resp: 244275

Ion Ratio Lower Upper

330 100

332 96.2 76.4 114.6

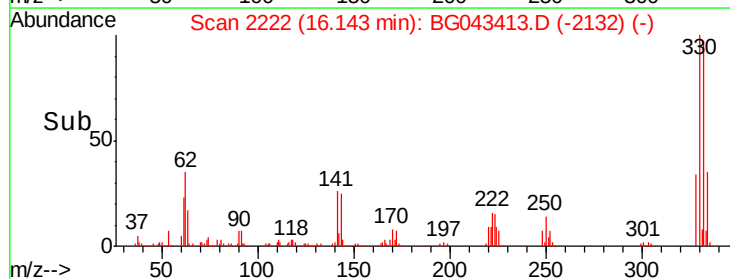
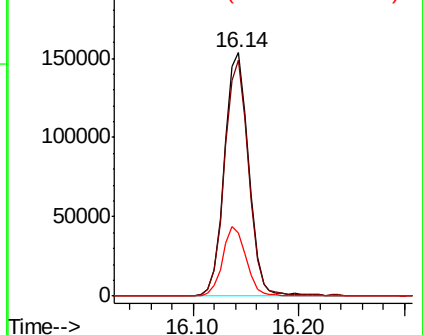
141 27.7 21.4 32.0

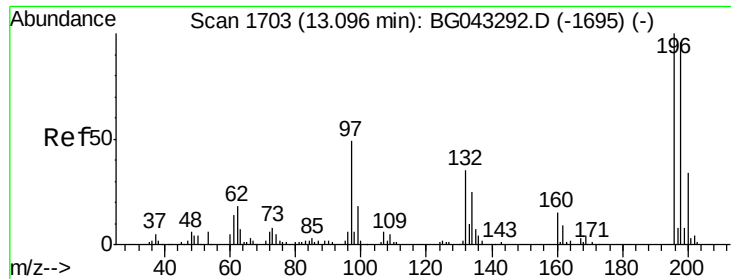


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

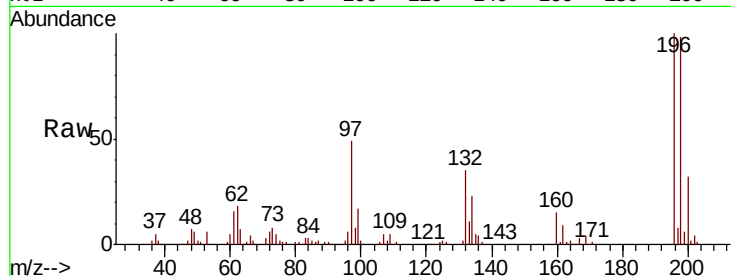




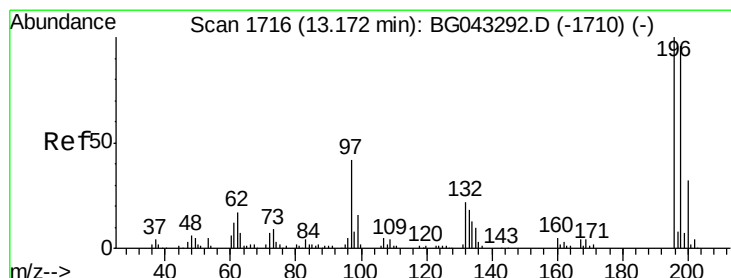
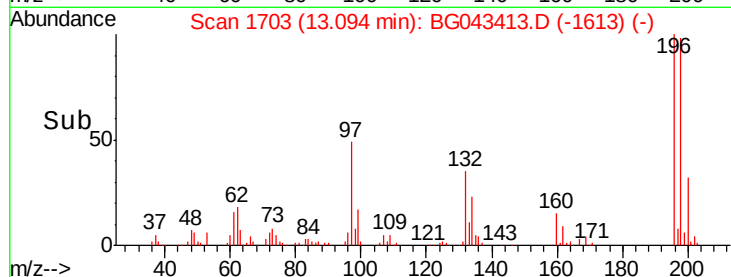
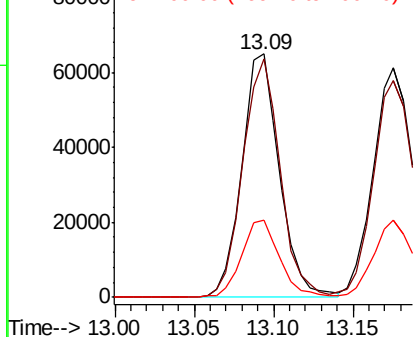
#43
 2,4,6-Trichlorophenol
 Concen: 37.779 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 107082
 Ion Ratio Lower Upper
 196 100
 198 98.1 77.0 115.4
 200 31.9 27.4 41.2

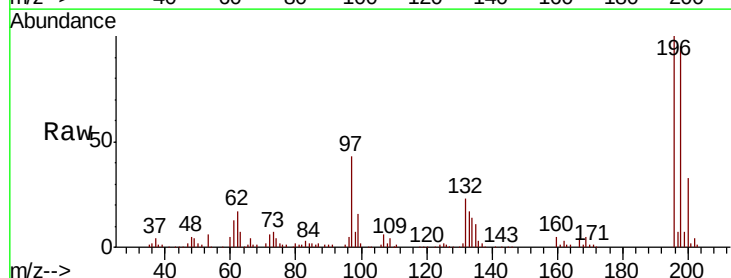


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

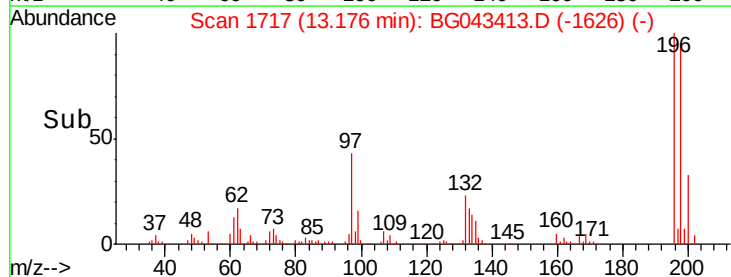
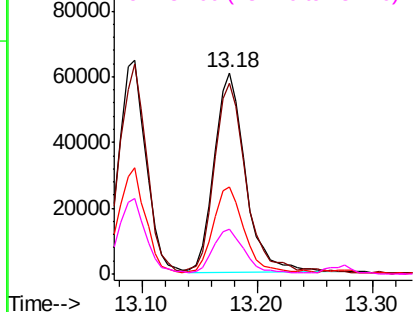


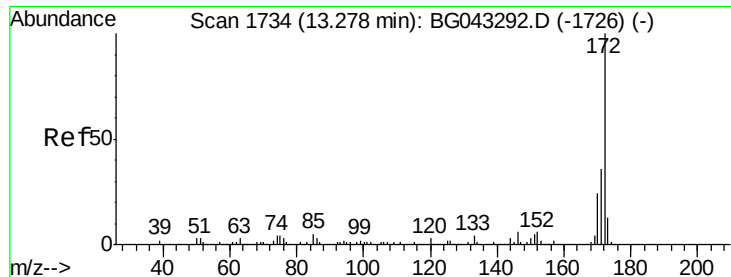
#44
 2,4,5-Trichlorophenol
 Concen: 39.806 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Tgt Ion:196 Resp: 114065
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 114.8
 97 43.2 34.1 51.1
 132 22.6 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

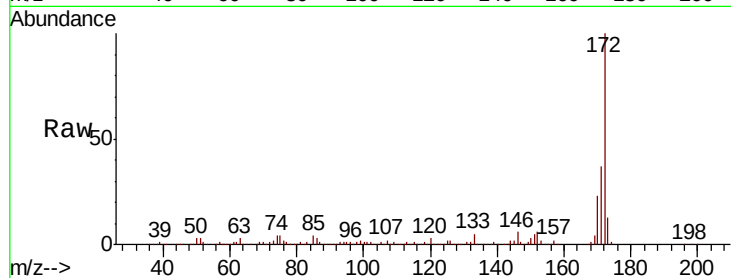




#45
 2-Fluorobiphenyl
 Concen: 67.399 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.5	42.7
170	23.4	18.8	28.2

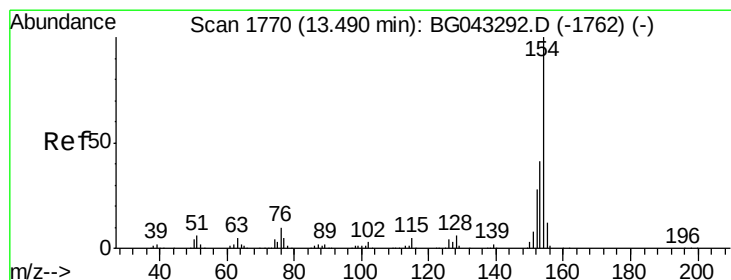
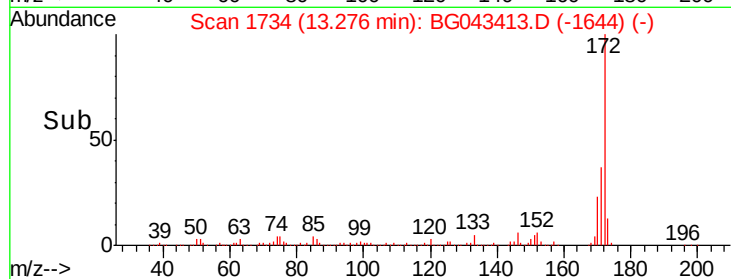
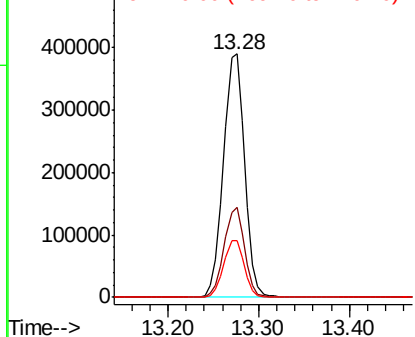


Abundance

Ion 172.00 (171.70 to 172.70): E

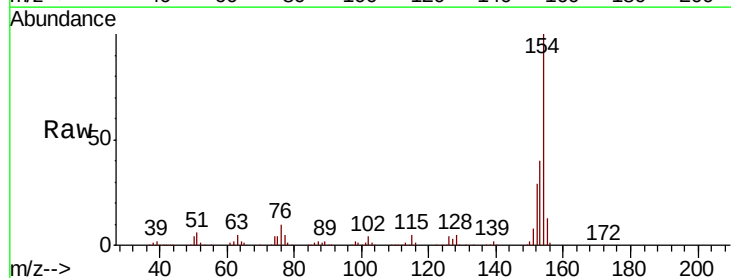
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 35.145 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.0	61.0
76	9.6	0.0	29.8

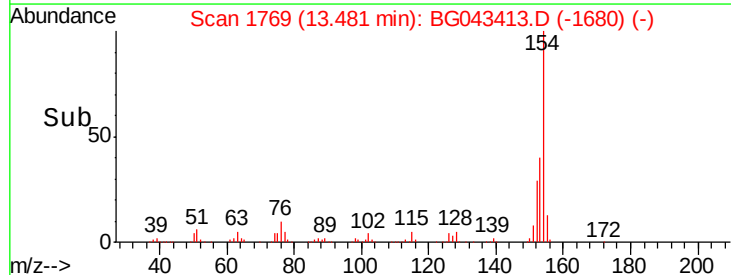
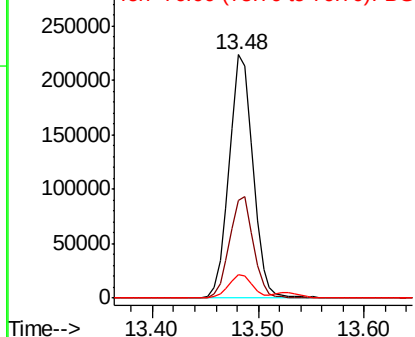


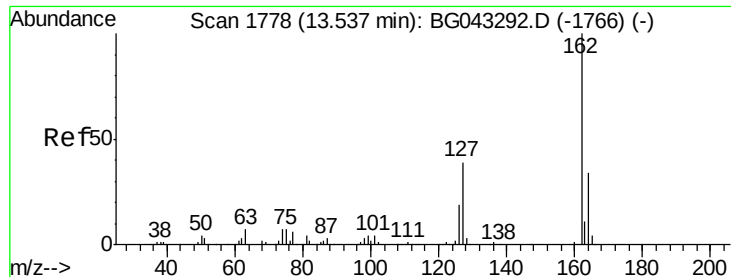
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

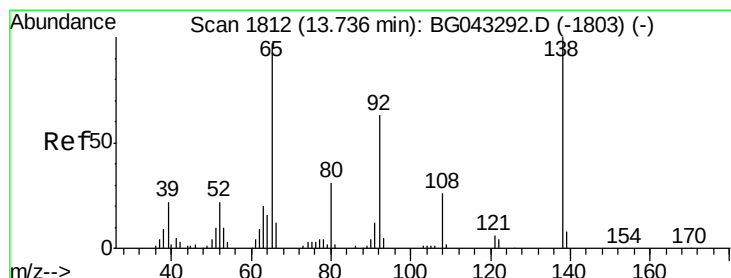
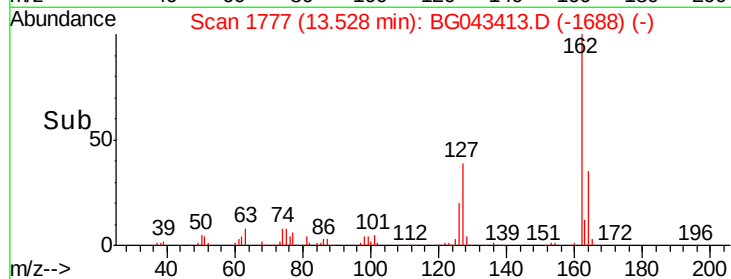
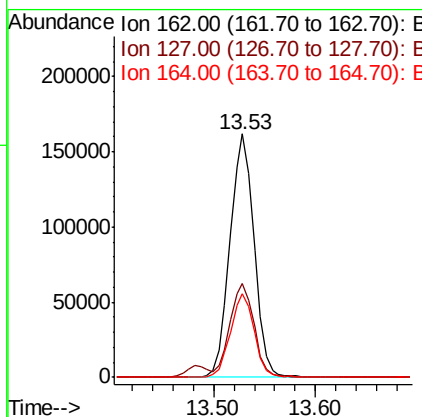
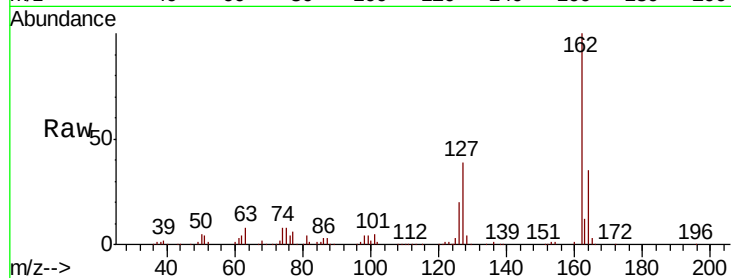




#47
2-Chloronaphthalene
Concen: 35.479 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

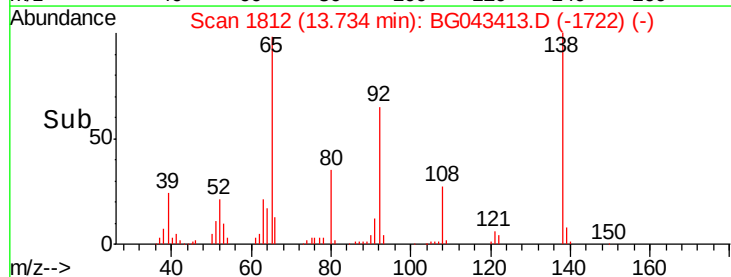
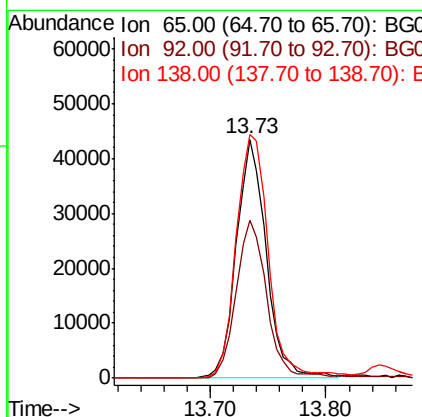
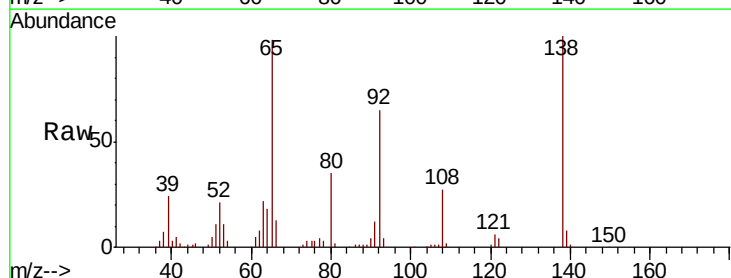
Instrument :
BNA_G
ClientSampleId :

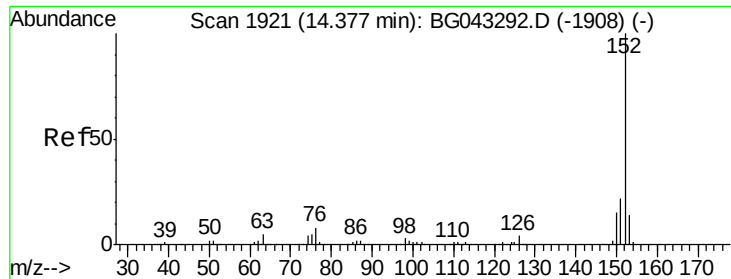
Tot Ion:162 Resp: 267079
Ion Ratio Lower Upper
162 100
127 38.5 31.3 46.9
164 34.6 26.8 40.2



#48
2-Nitroaniline
Concen: 34.730 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Tgt Ion: 65 Resp: 78138
Ion Ratio Lower Upper
65 100
92 65.9 52.6 79.0
138 102.0 82.9 124.3





#49

Acenaphthylene

Concen: 37.849 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

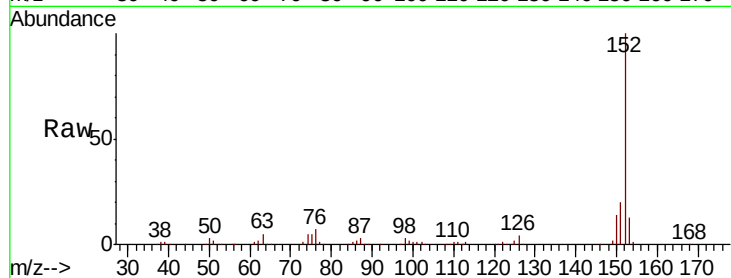
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 443437

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.2	25.8
153	12.9	11.0	16.6

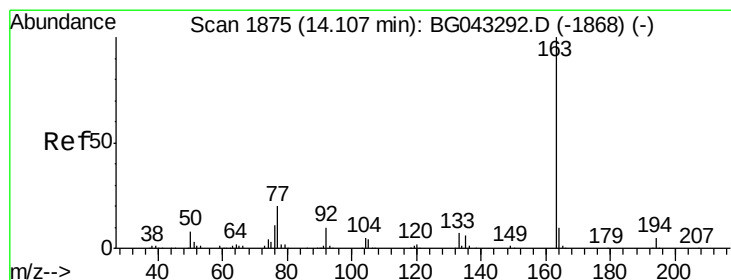
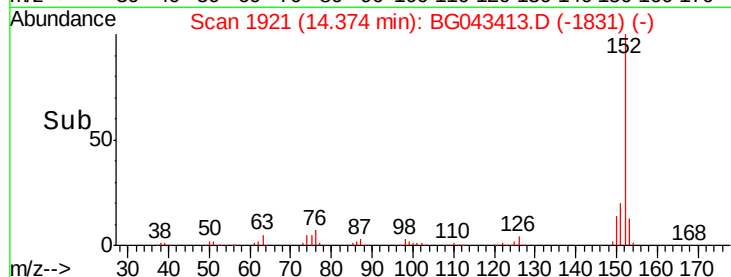
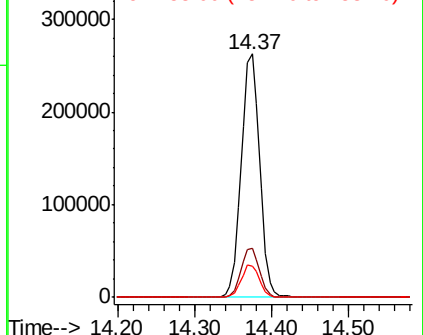


Abundance

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: 41.019 ng

RT: 14.10 min Scan# 1875

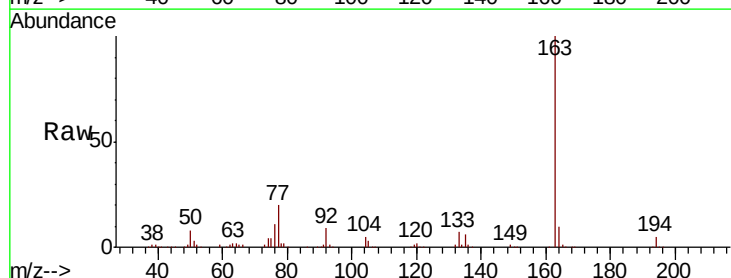
Delta R.T. -0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Tgt Ion:163 Resp: 413197

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	9.7	8.1	12.1

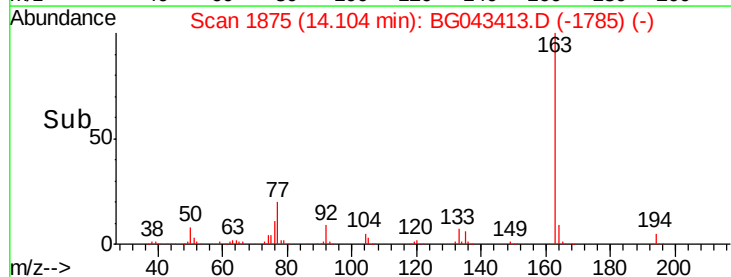
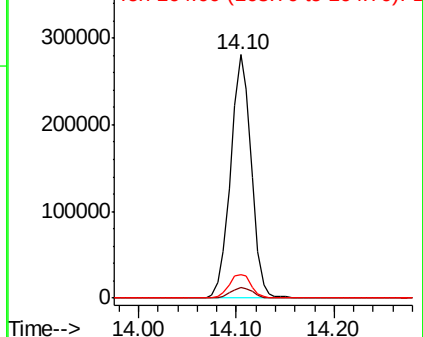


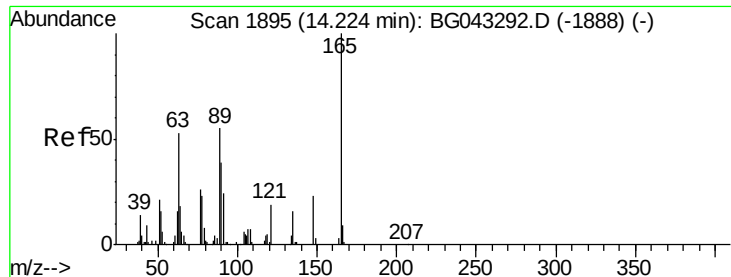
Abundance

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

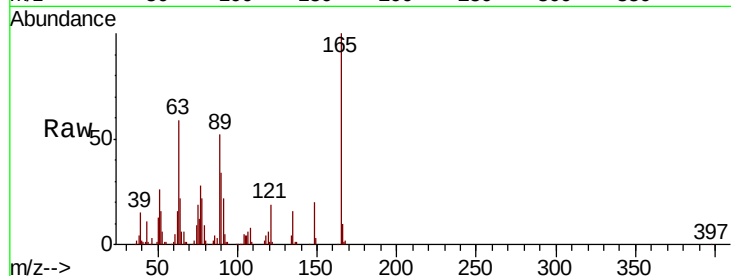




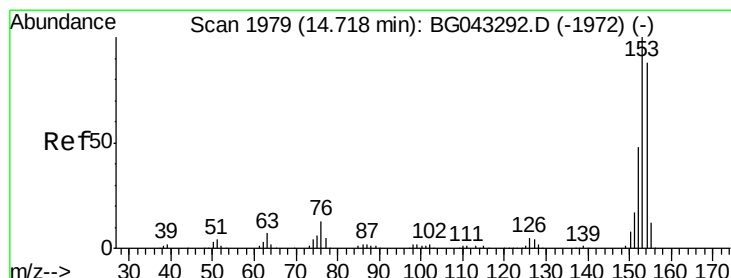
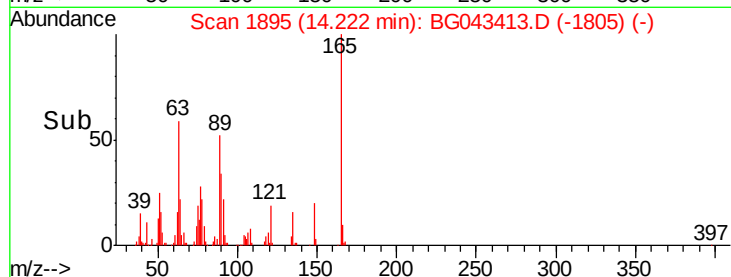
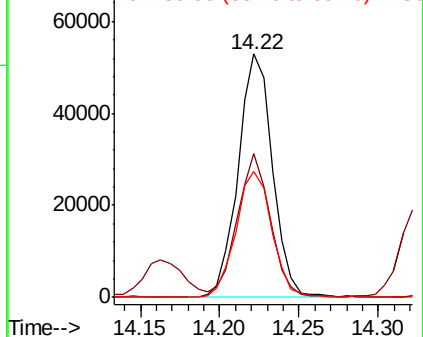
#51
2,6-Dinitrotoluene
Concen: 36.277 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.2	47.1	70.7
89	51.6	43.7	65.5

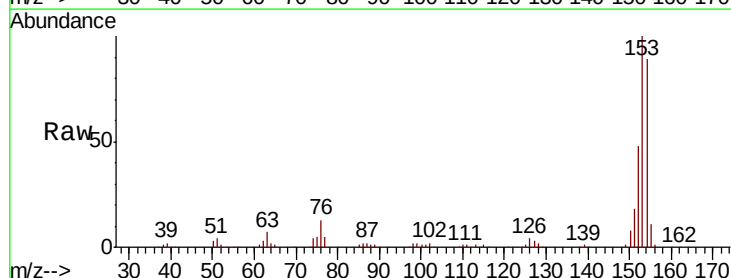


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

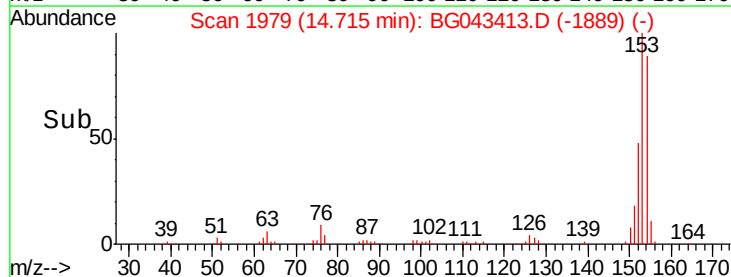
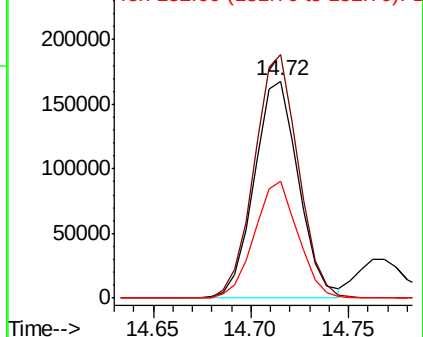


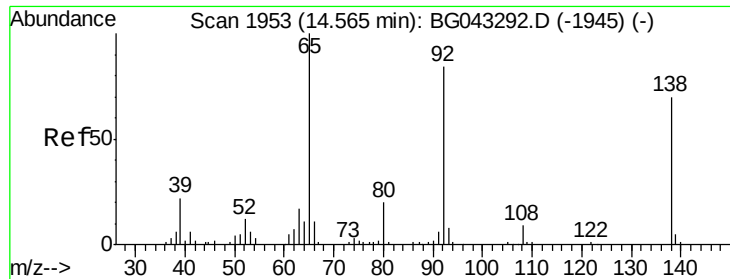
#52
Acenaphthene
Concen: 36.929 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.9	136.3
152	54.2	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: 15.614 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

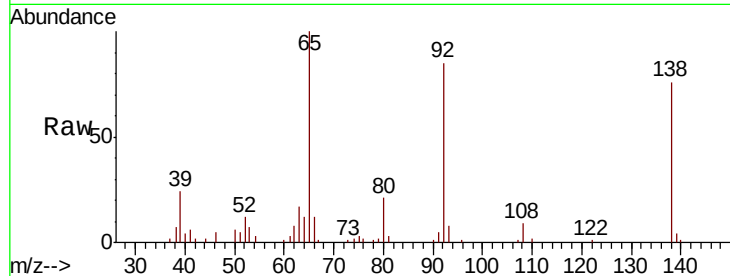
Tot Ion:138 Resp: 32991

Ion Ratio Lower Upper

138 100

108 11.2 9.8 14.6

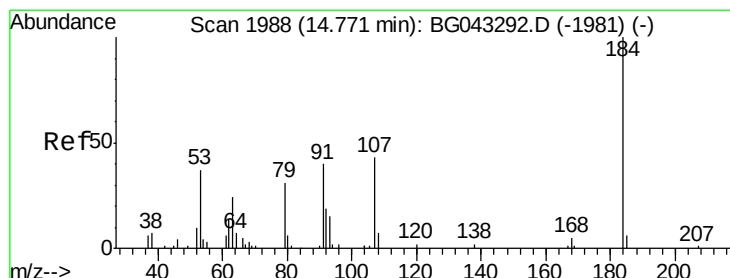
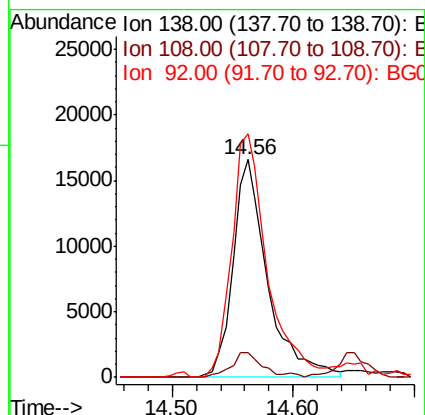
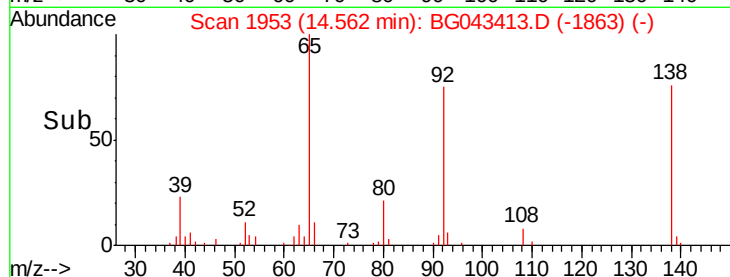
92 111.7 95.8 143.6



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: 63.187 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

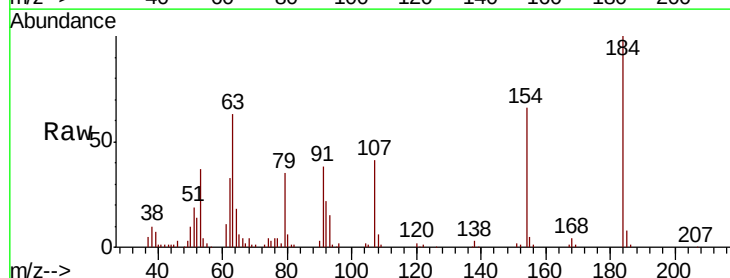
Tgt Ion:184 Resp: 84048

Ion Ratio Lower Upper

184 100

63 63.4 48.8 73.2

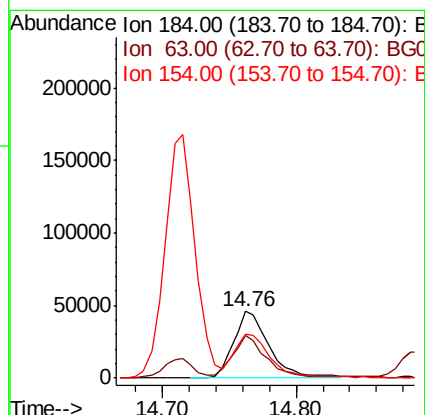
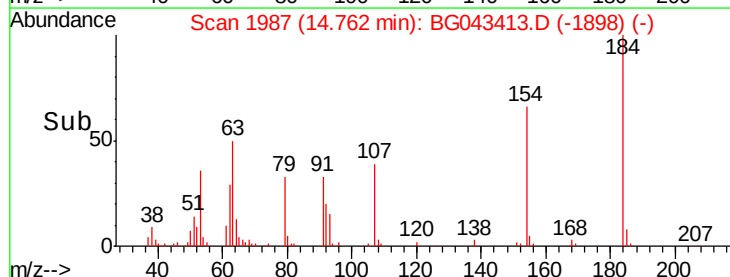
154 66.0 49.4 74.0

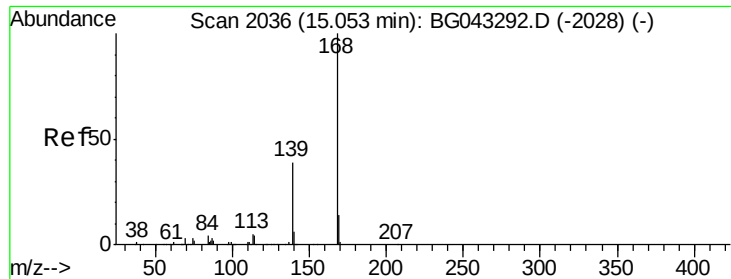


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 36.440 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

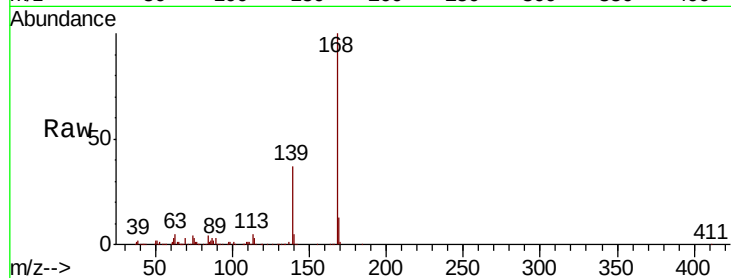
Tot Ion:168 Resp: 422206

Ion Ratio Lower Upper

168 100

139 37.3 31.7 47.5

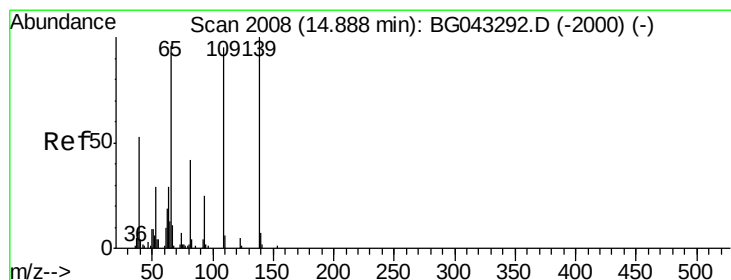
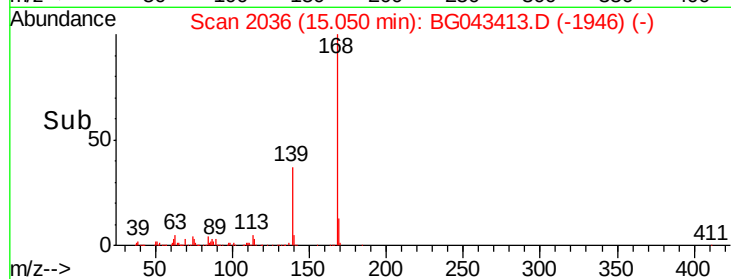
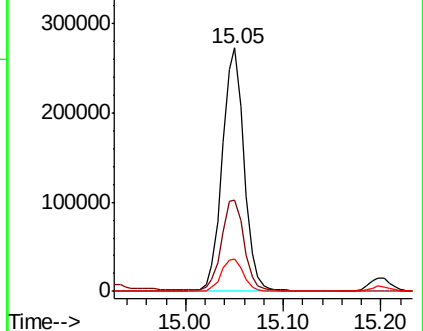
169 13.3 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 79.220 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

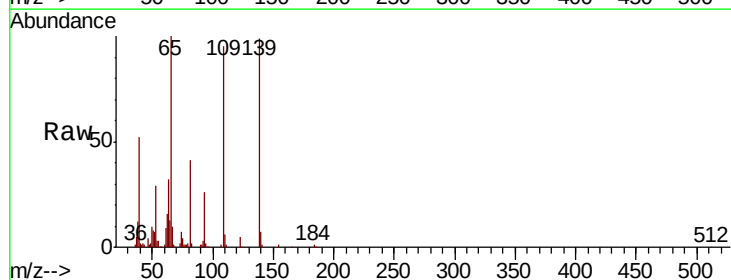
Tgt Ion:139 Resp: 112167

Ion Ratio Lower Upper

139 100

109 95.4 75.4 115.4

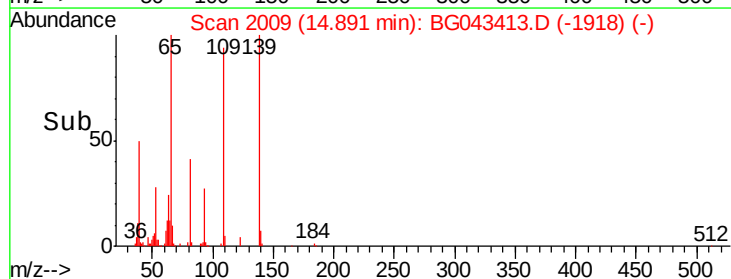
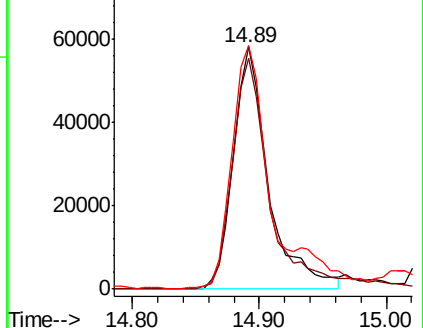
65 100.7 76.6 116.6

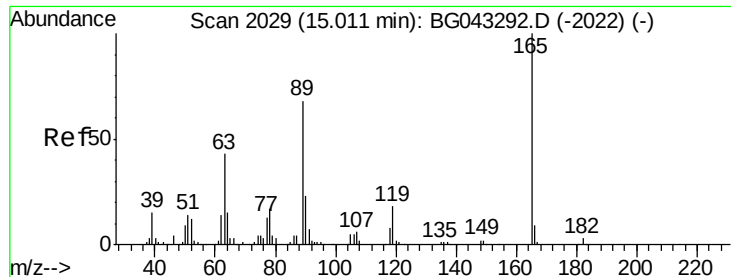


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

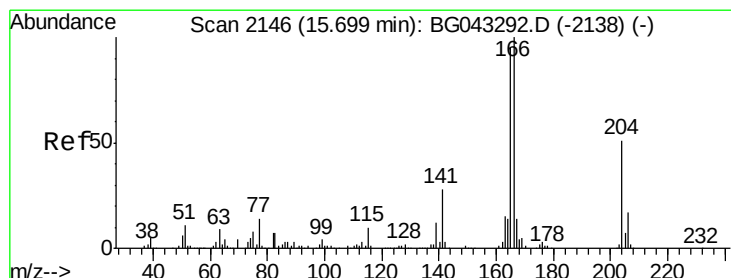
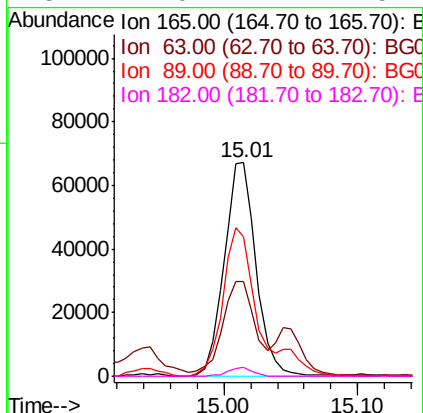
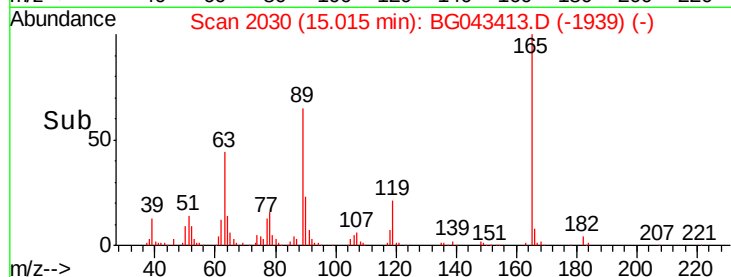
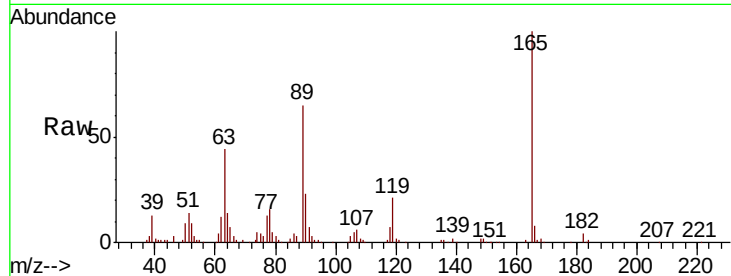




#57
 2,4-Dinitrotoluene
 Concen: 35.812 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

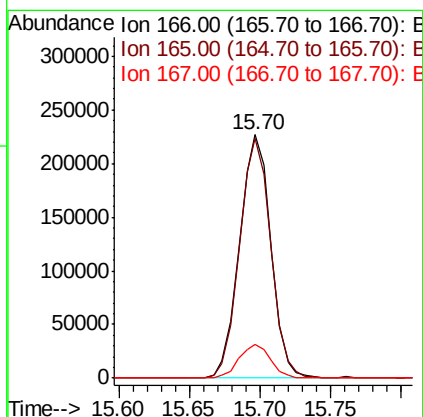
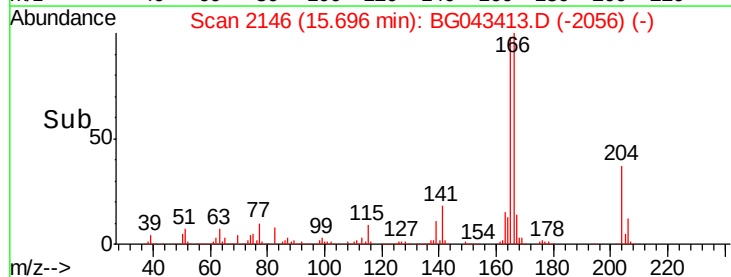
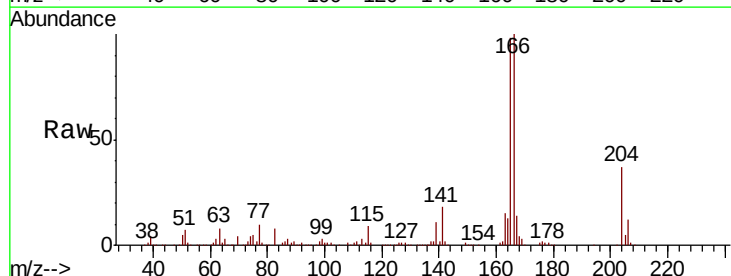
Instrument :
 BNA_G
 ClientSampleId :

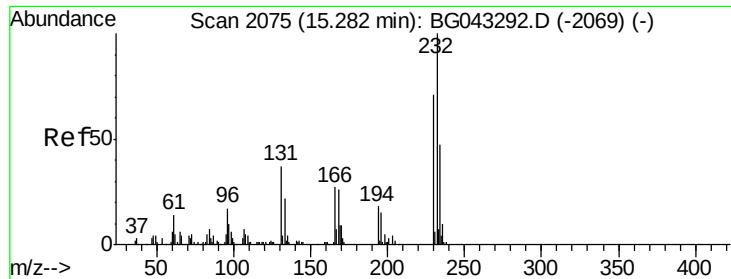
Tot Ion:165 Resp: 112001
 Ion Ratio Lower Upper
 165 100
 63 44.1 35.0 52.6
 89 65.2 54.1 81.1
 182 4.0 2.2 3.2#



#58
 Fluorene
 Concen: 36.235 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Tgt Ion:166 Resp: 352123
 Ion Ratio Lower Upper
 166 100
 165 98.3 76.4 114.6
 167 13.7 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.883 ng

RT: 15.28 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 115335

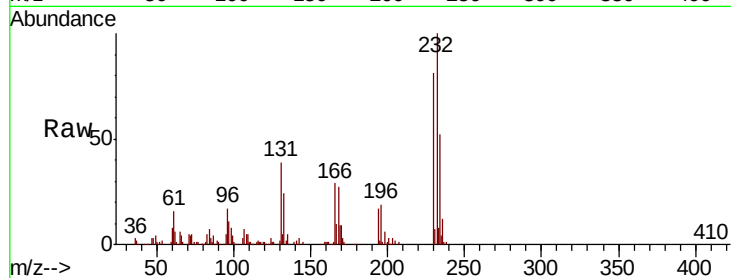
Ion Ratio Lower Upper

232 100

131 35.8 28.7 43.1

130 1.6 0.6 0.8#

166 27.7 21.1 31.7

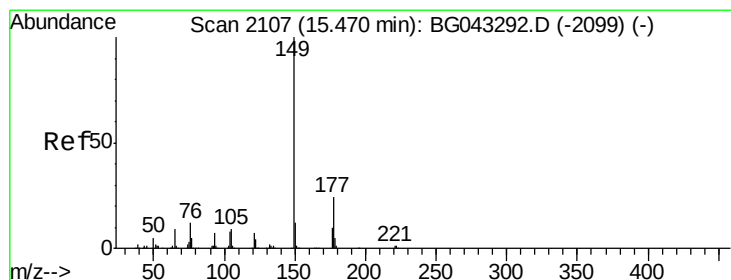
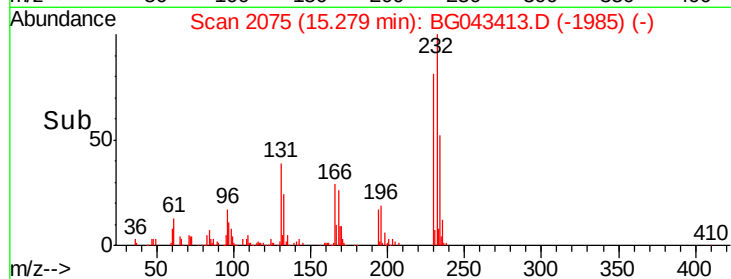
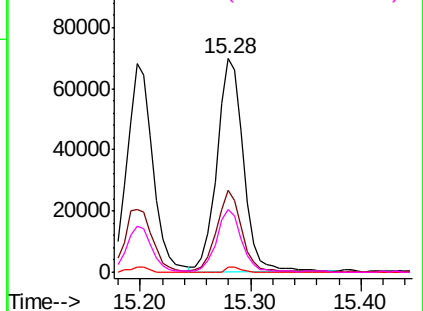


Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.805 ng

RT: 15.46 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

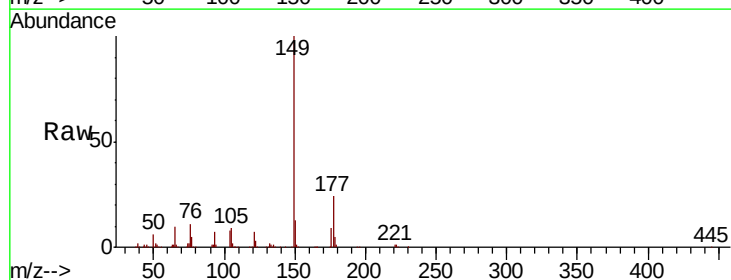
Tgt Ion:149 Resp: 352281

Ion Ratio Lower Upper

149 100

177 23.8 19.0 28.4

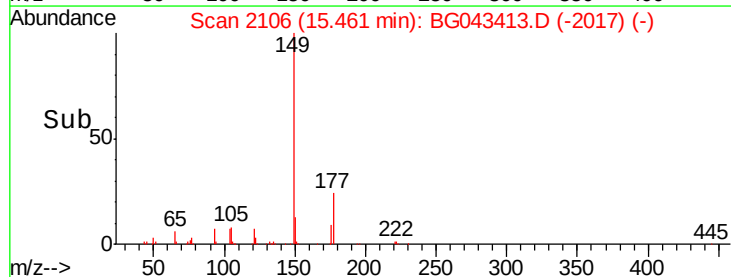
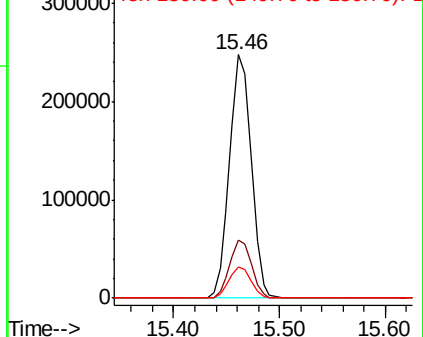
150 12.8 9.4 14.0

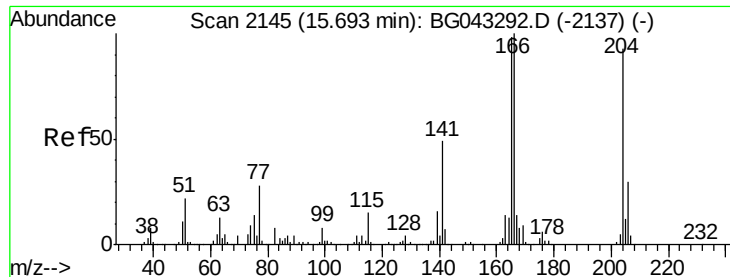


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

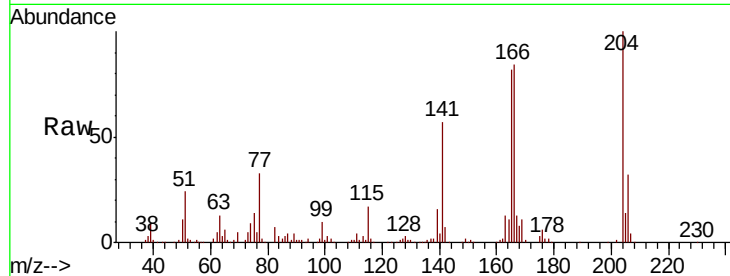




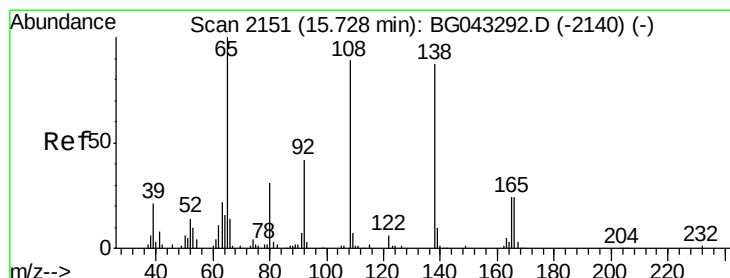
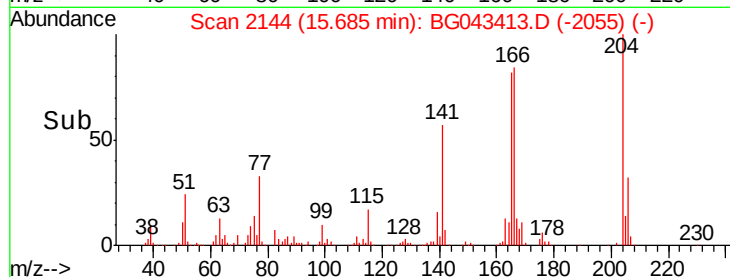
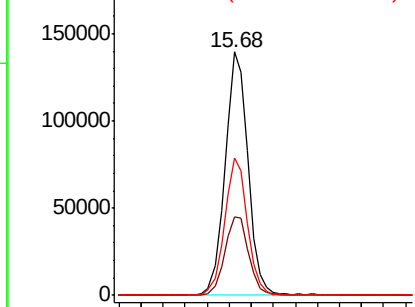
#61
4-Chlorophenyl-phenylether
Concen: 35.768 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 202769
Ion Ratio Lower Upper
204 100
206 32.2 25.7 38.5
141 56.5 42.3 63.5

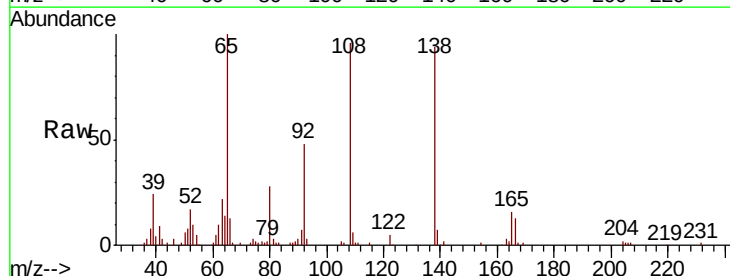


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

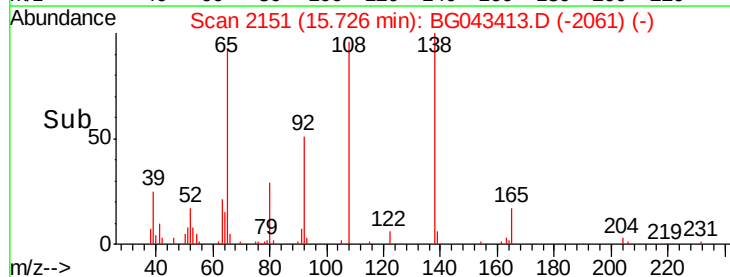
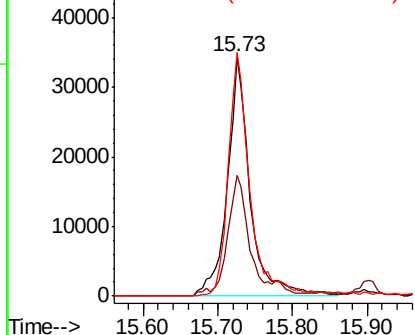


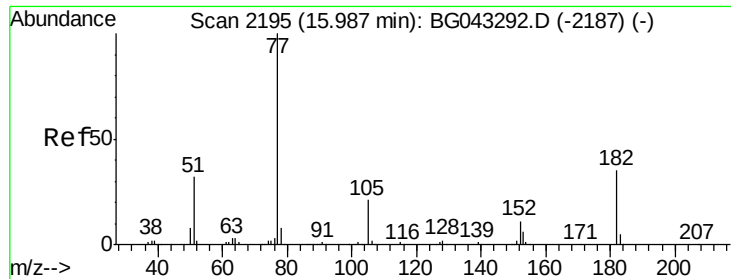
#62
4-Nitroaniline
Concen: 33.588 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Tgt Ion:138 Resp: 73292
Ion Ratio Lower Upper
138 100
92 50.6 28.8 68.8
108 101.9 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

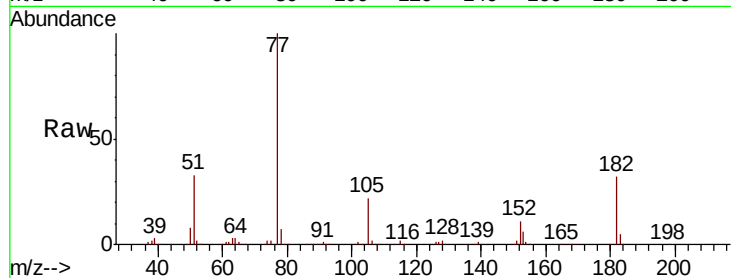




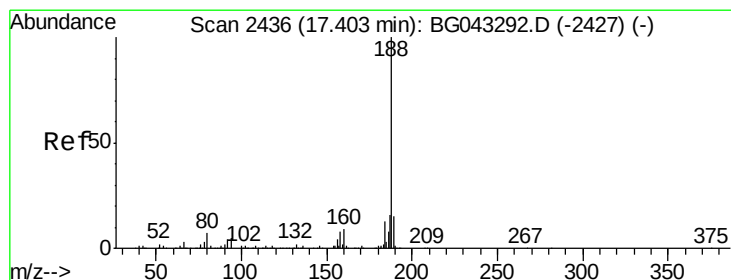
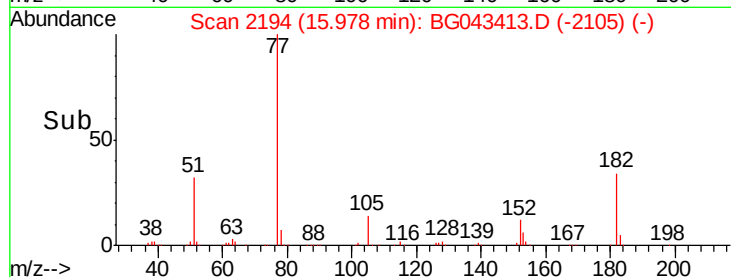
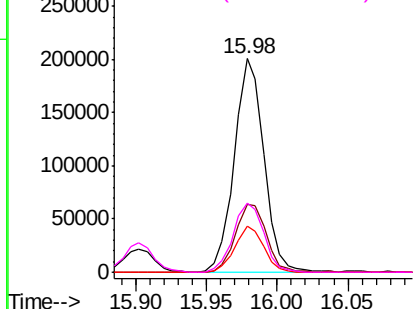
#63
Azobenzene
Concen: 35.727 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	292662
Ion	Ratio	Lower	Upper
77	100		
182	32.0	14.9	54.9
105	21.7	0.6	40.6
51	32.7	12.5	52.5

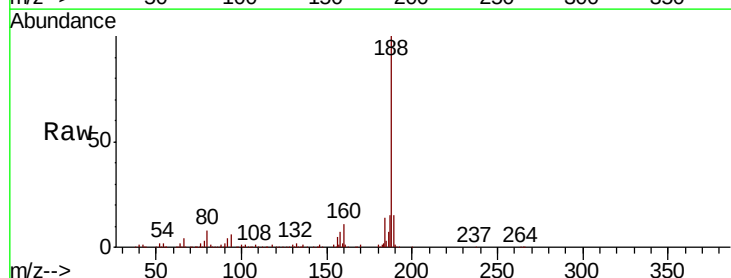


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

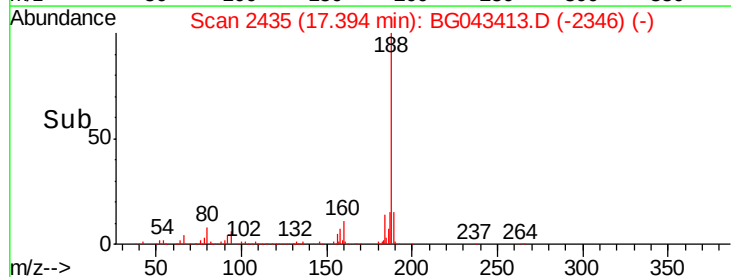
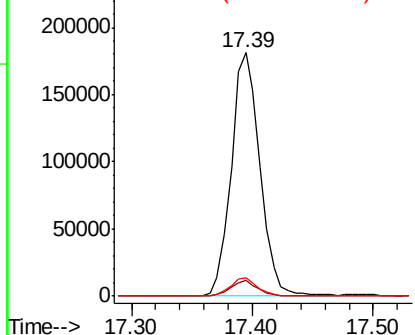


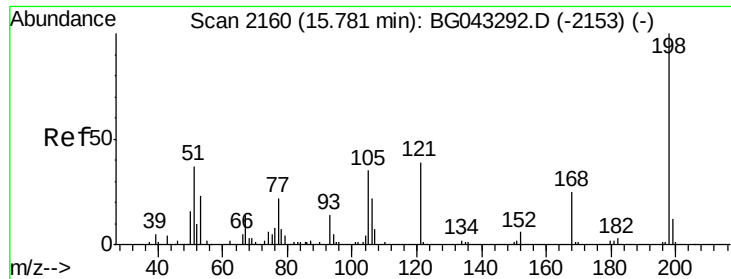
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Tgt Ion:	188	Resp:	300291
Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.2	6.2
80	7.5	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

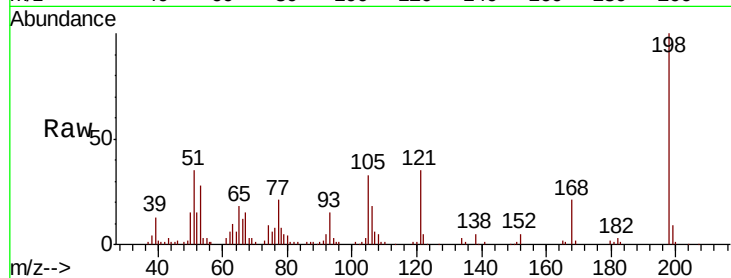




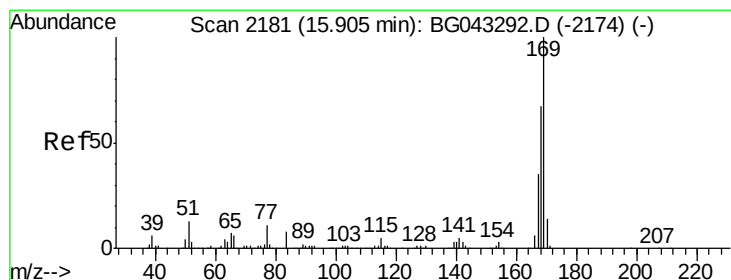
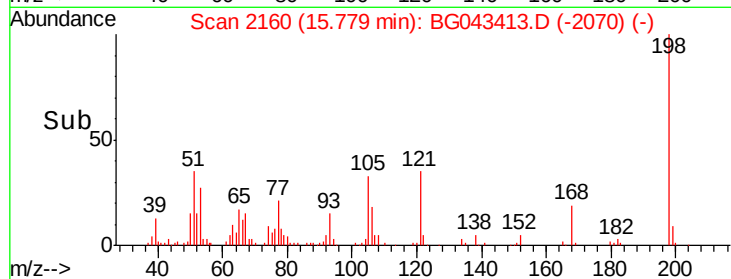
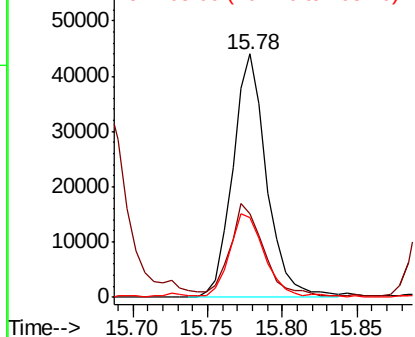
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.363 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 69563
 Ion Ratio Lower Upper
 198 100
 51 34.6 21.4 61.4
 105 32.8 16.5 56.5

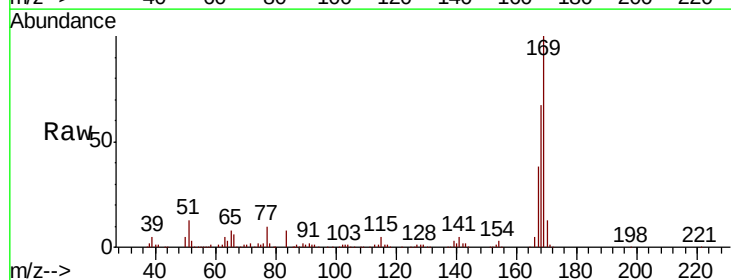


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

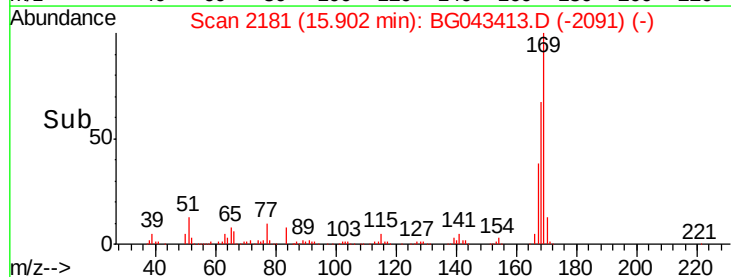
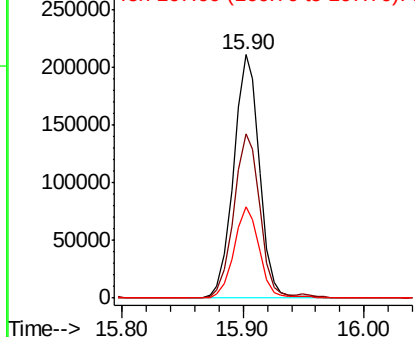


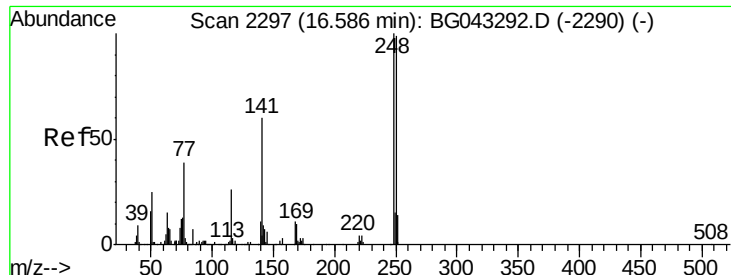
#66
 n-Nitrosodiphenylamine
 Concen: 37.066 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Tgt Ion:169 Resp: 314247
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.9 80.9
 167 37.7 28.3 42.5



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

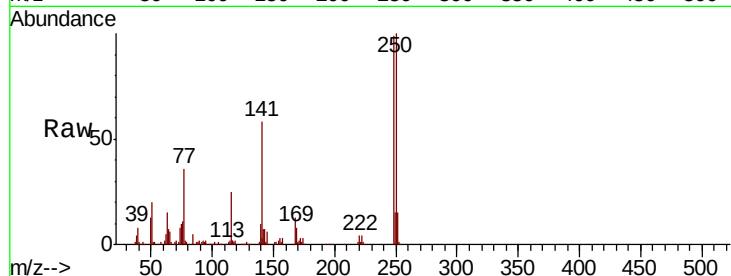




#67
4-Bromophenyl-phenylether
Concen: 36.221 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.8	79.3	118.9
141	59.0	47.9	71.9

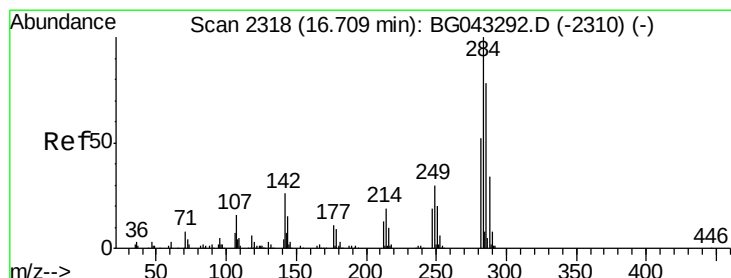
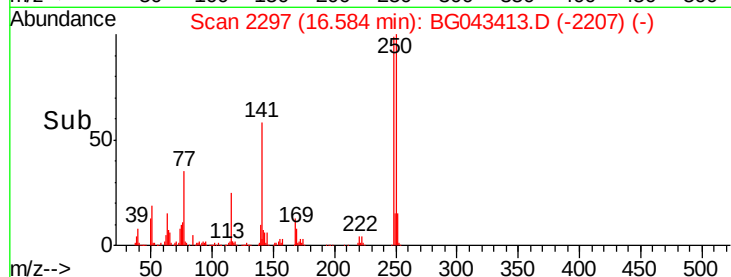
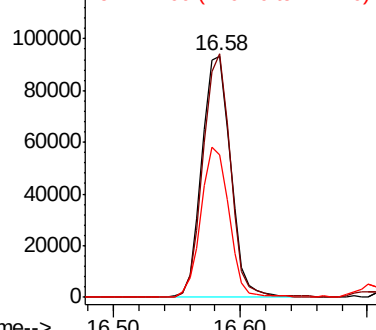


Abundance

Ion 248.00 (247.70 to 248.70): E

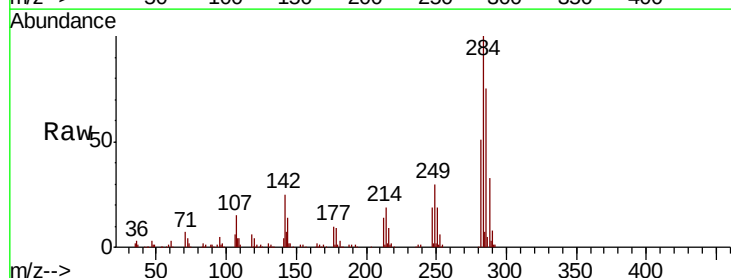
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.708 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.1	21.1	31.7
249	29.9	24.4	36.6

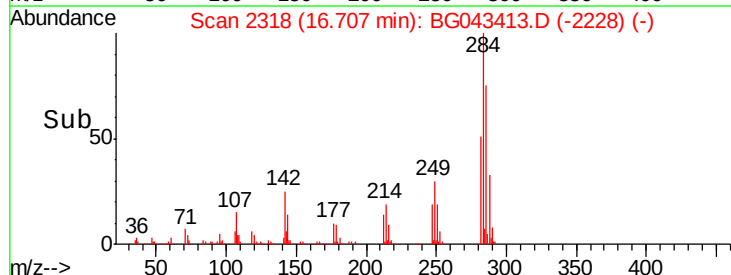
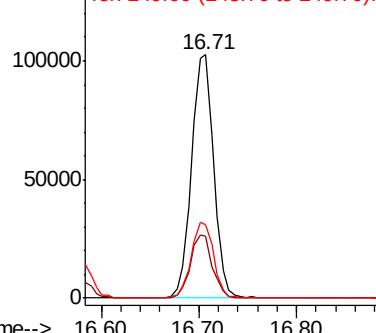


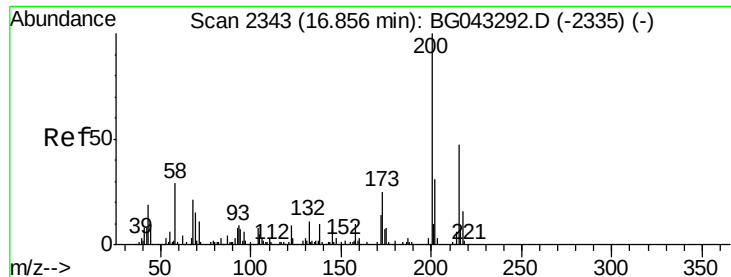
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.091 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

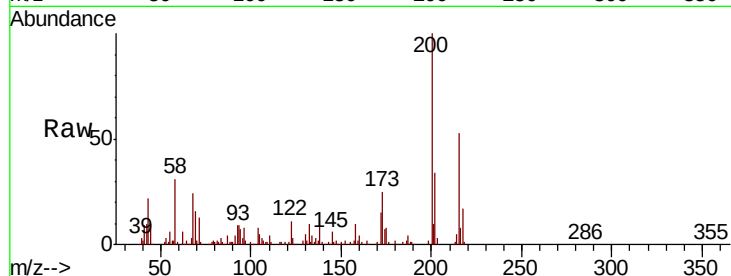
Tot Ion:200 Resp: 135781

Ion Ratio Lower Upper

200 100

173 24.8 5.1 45.1

215 53.1 26.6 66.6

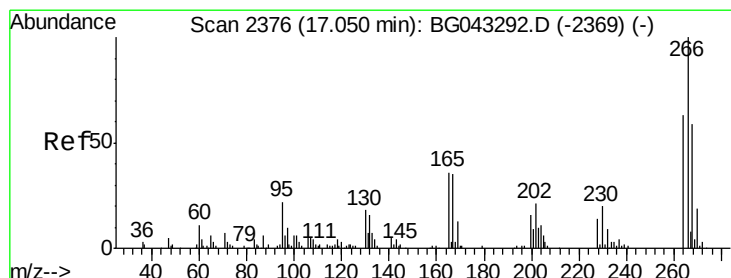
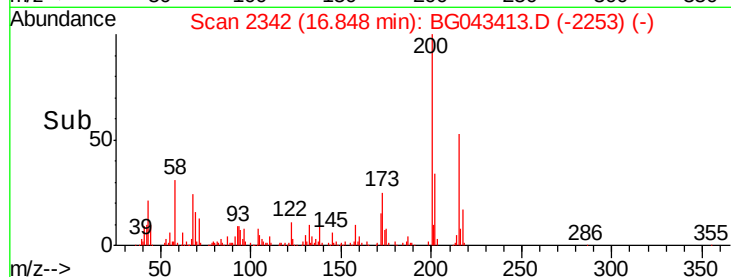
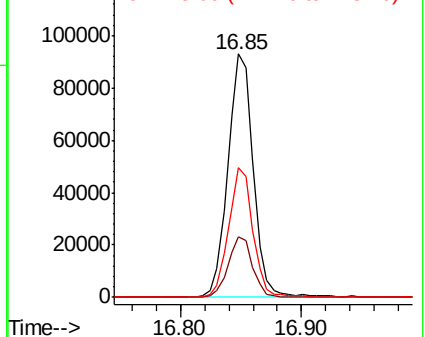


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 83.733 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

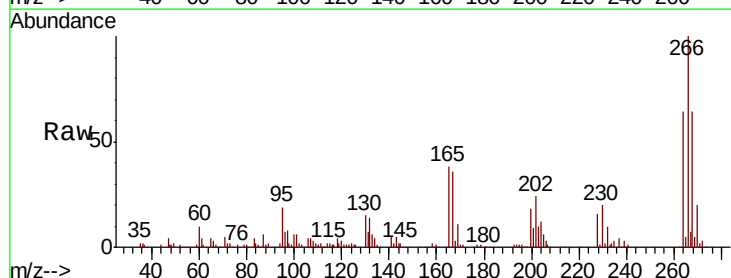
Tgt Ion:266 Resp: 176990

Ion Ratio Lower Upper

266 100

268 64.1 47.1 70.7

264 63.5 50.4 75.6

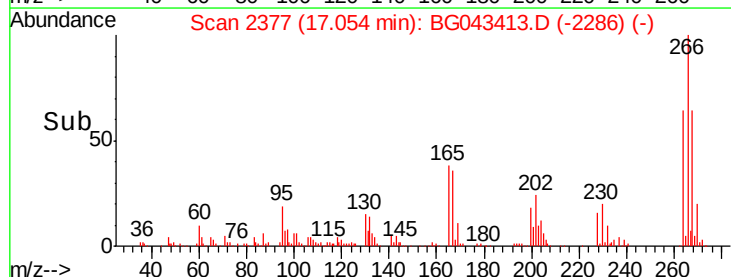
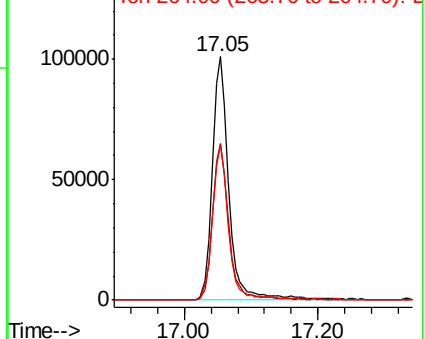


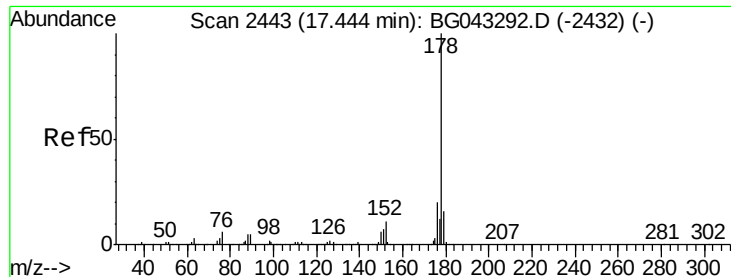
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

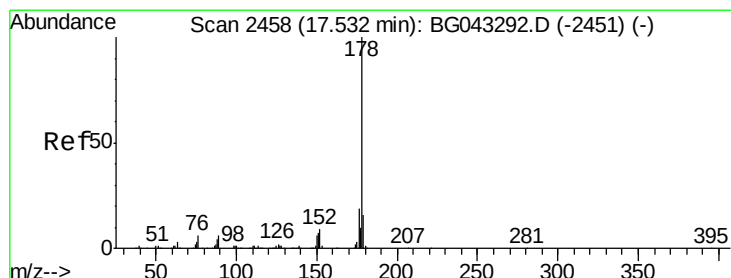
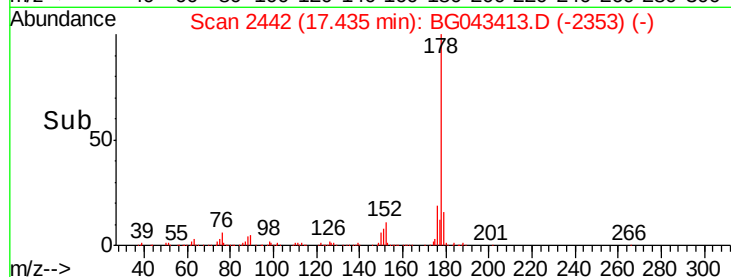
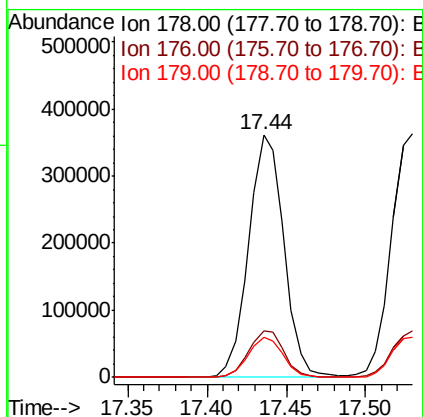
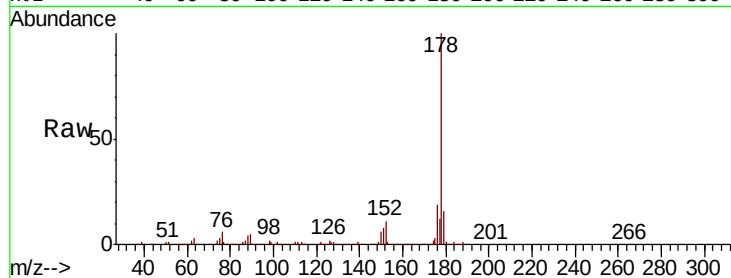




#71
Phenanthrene
Concen: 36.313 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

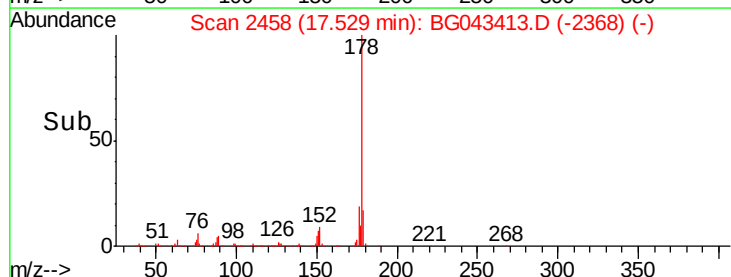
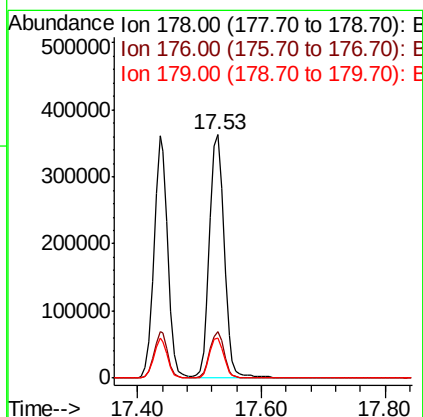
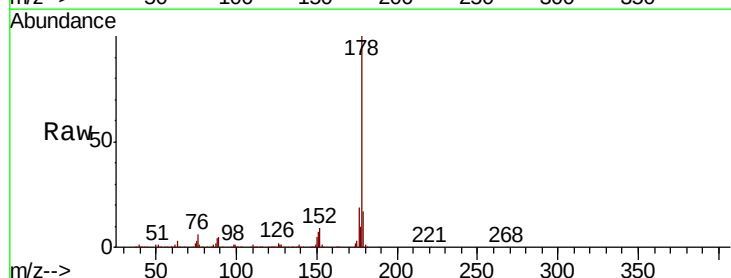
Instrument :
BNA_G
ClientSampled :

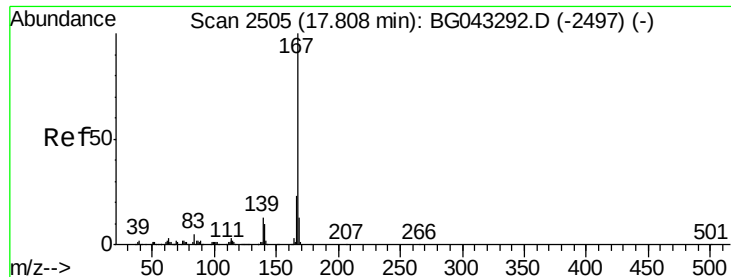
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.3	13.1	19.7



#72
Anthracene
Concen: 38.735 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.5	13.0	19.6

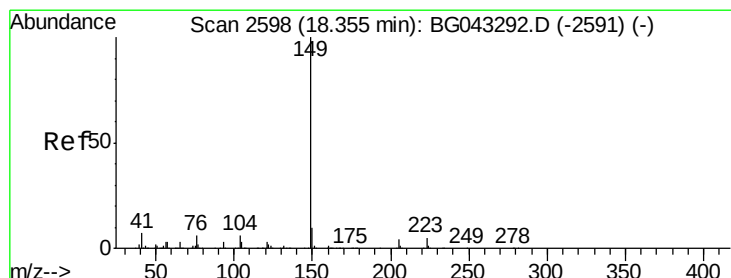
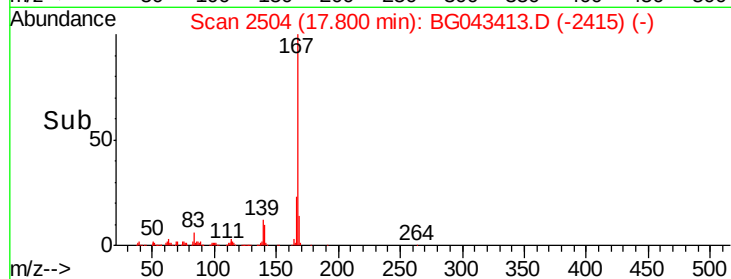
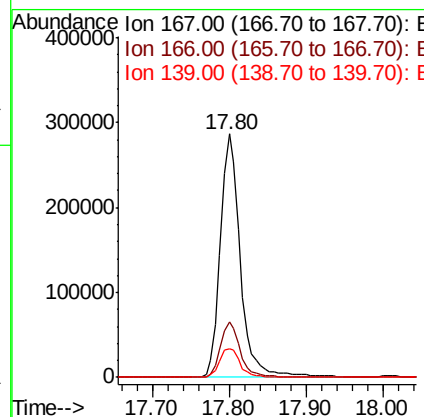
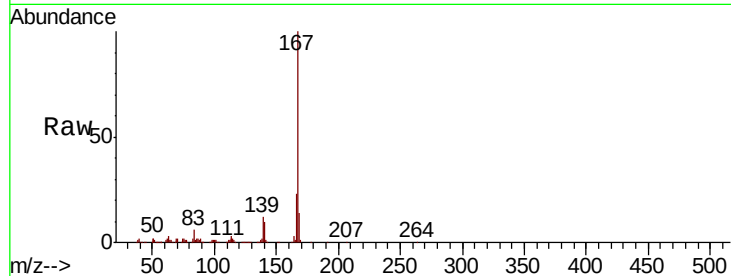




#73
 Carbazole
 Concen: 36.834 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

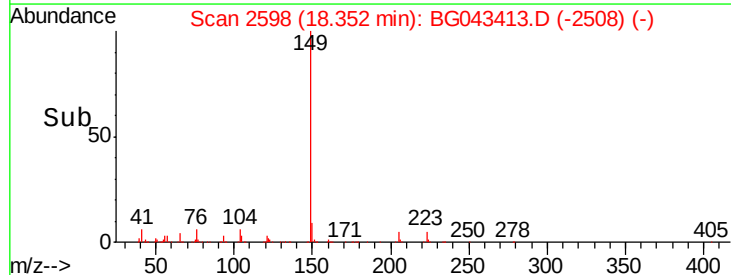
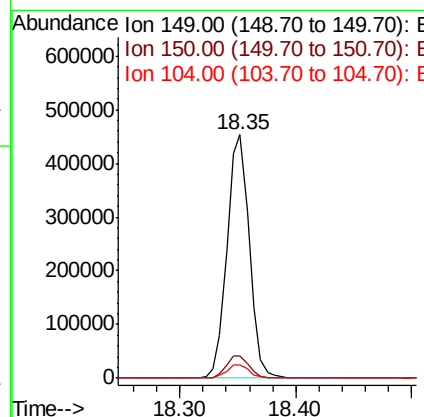
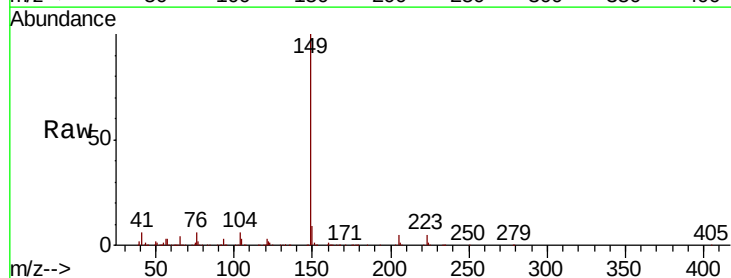
Instrument :
 BNA_G
 ClientSampleId :

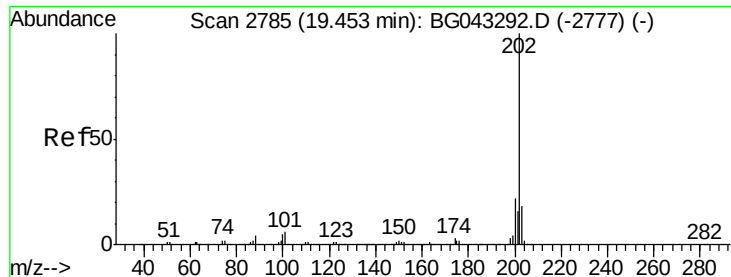
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.4	27.6
139	11.9	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 35.743 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043413.D
 Acq: 30 Oct 2019 23:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.0	12.0
104	5.6	4.7	7.1





#75

Fluoranthene

Concen: 36.780 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043413.D

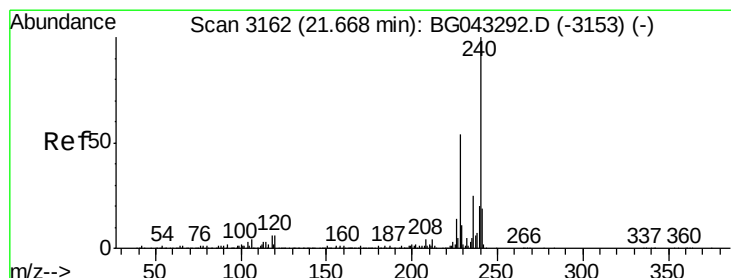
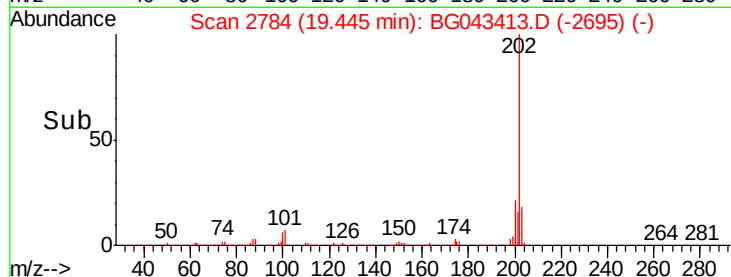
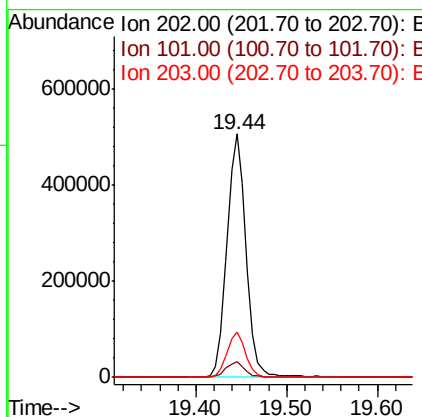
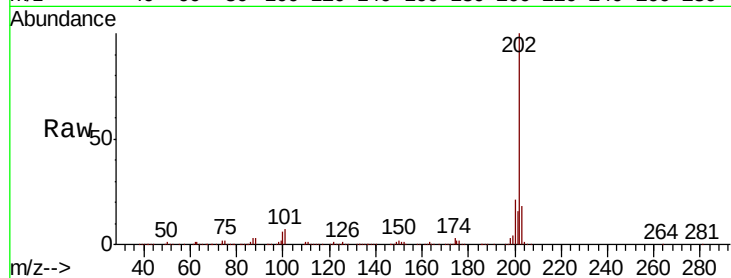
Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	737339
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	26.0
203	18.5	0.0	38.2



#76

Chrysene-d12

Concen: 20.000 ng

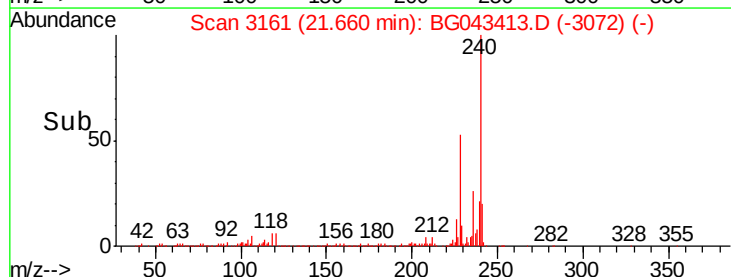
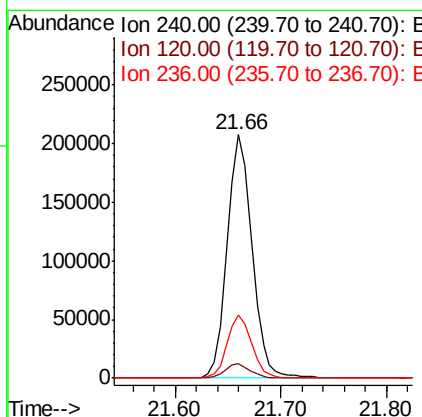
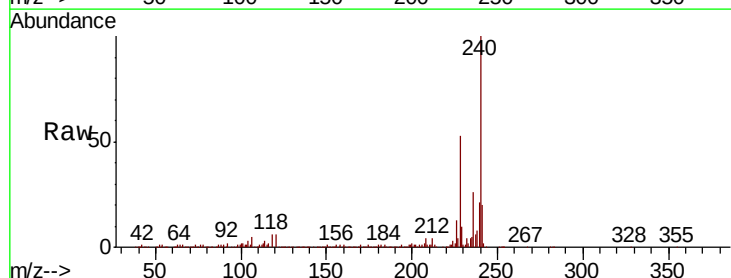
RT: 21.66 min Scan# 3161

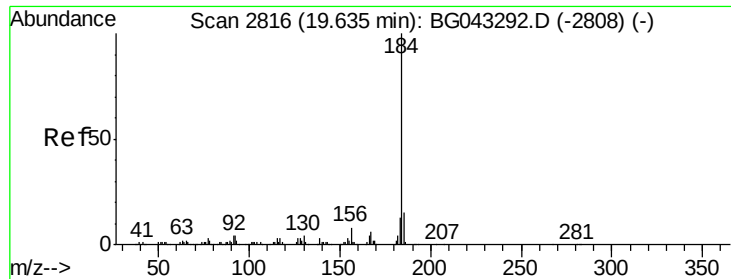
Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Tgt Ion:	240	Resp:	337752
Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.6	7.0
236	26.1	20.2	30.4





#77

Benzidine

Concen: 43.742 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

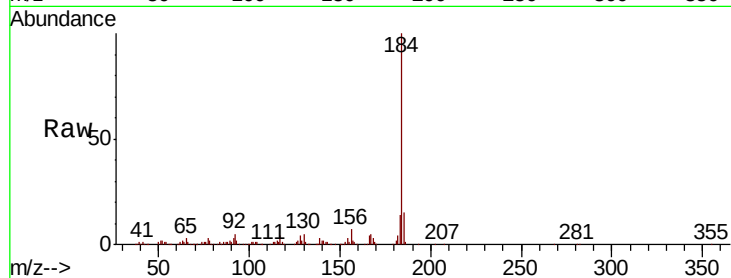
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 297333

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.8	17.6
183	13.8	10.6	16.0

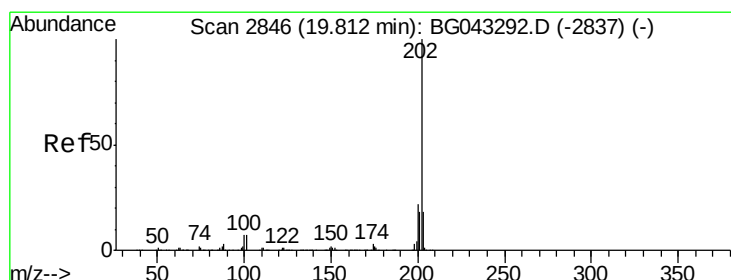
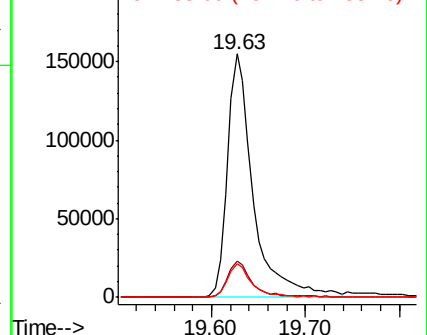
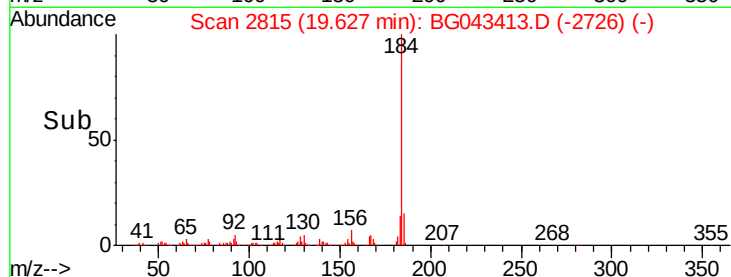


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.020 ng

RT: 19.81 min Scan# 2846

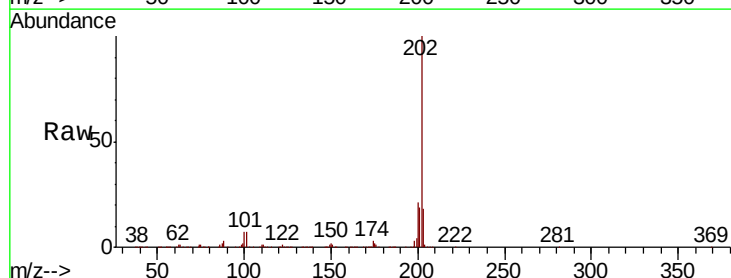
Delta R.T. -0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Tgt Ion:202 Resp: 753052

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.3	25.9
203	18.2	14.5	21.7

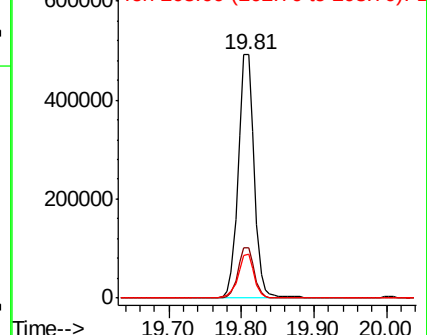
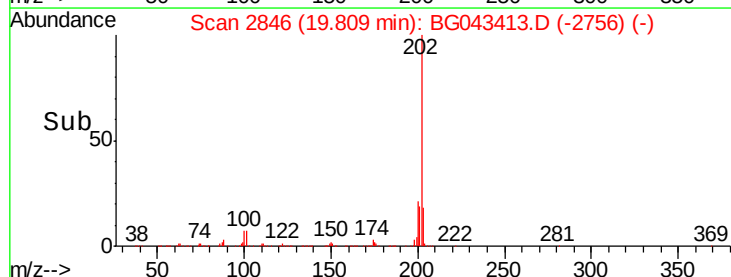


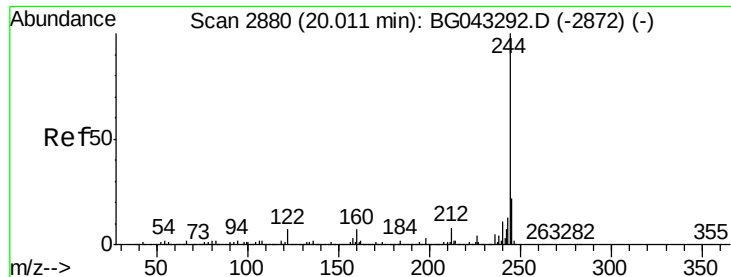
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.029 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampled :

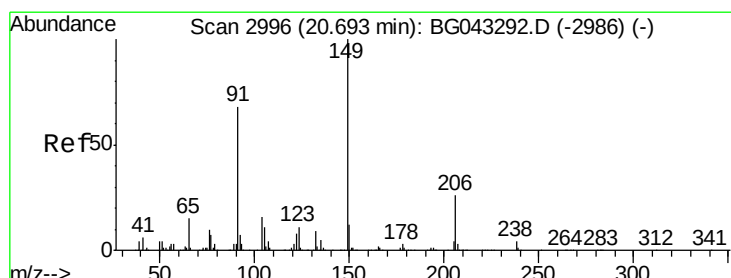
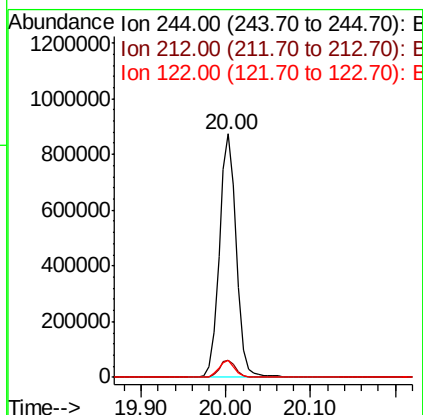
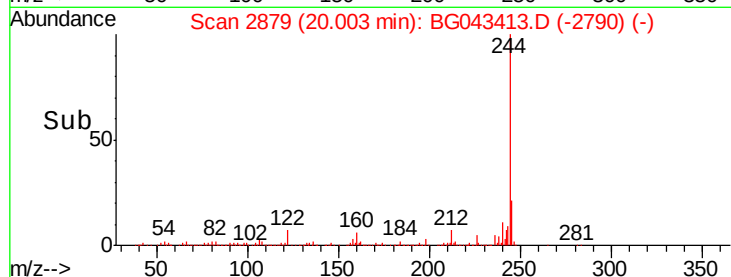
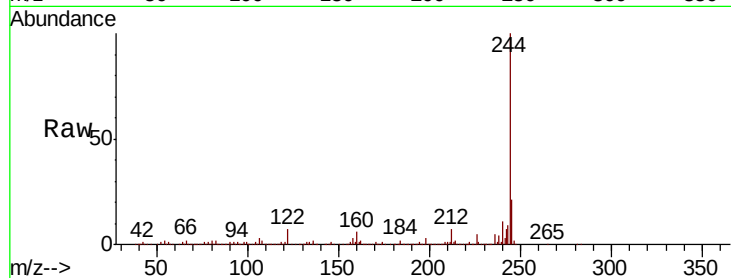
Tot Ion:244 Resp: 1224741

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

122 7.0 5.3 7.9



#80

Butylbenzylphthalate

Concen: 35.771 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

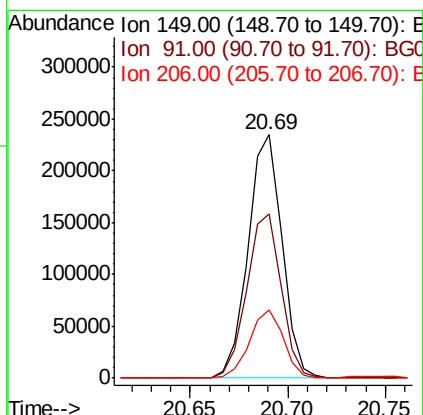
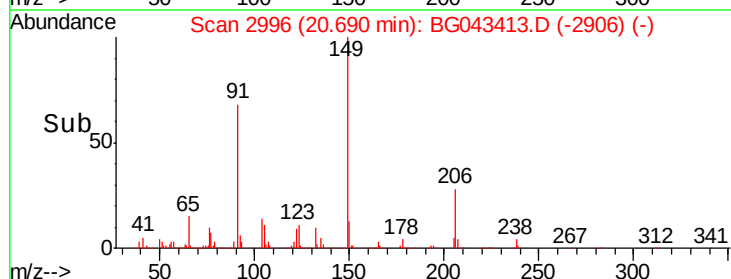
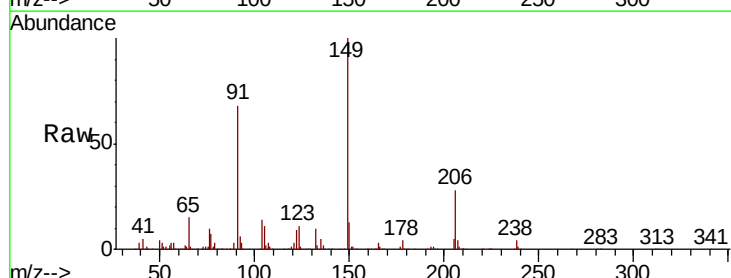
Tgt Ion:149 Resp: 283326

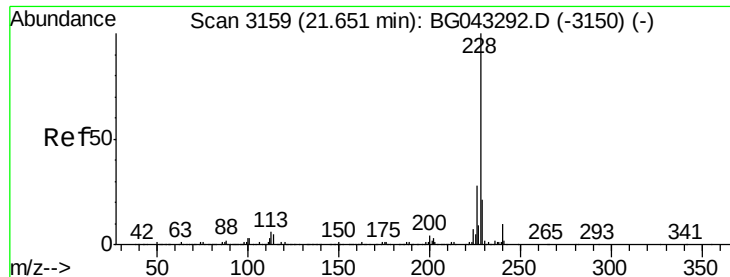
Ion Ratio Lower Upper

149 100

91 67.6 54.6 82.0

206 27.8 20.5 30.7





#81

Benzo(a)anthracene

Concen: 36.947 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

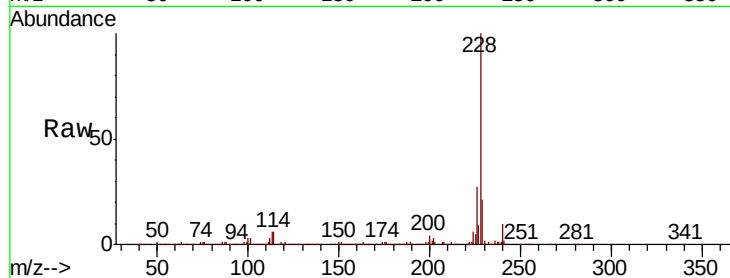
Tot Ion:228 Resp: 781681

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.4

229 20.8 16.9 25.3

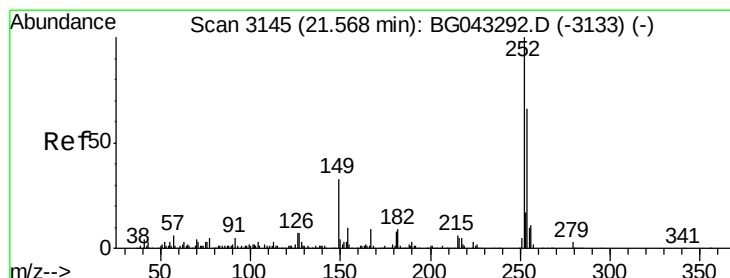
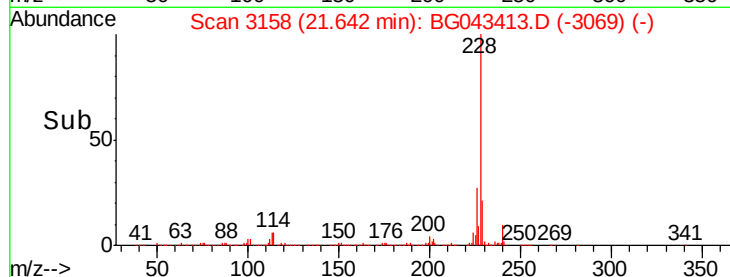
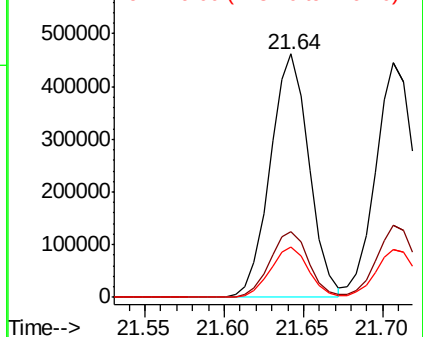


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.157 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

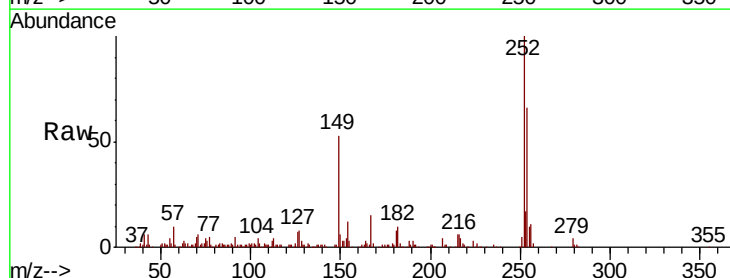
Tgt Ion:252 Resp: 164940

Ion Ratio Lower Upper

252 100

254 65.5 52.7 79.1

126 6.5 5.6 8.4

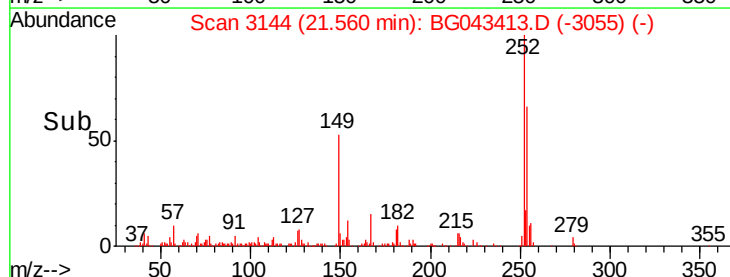
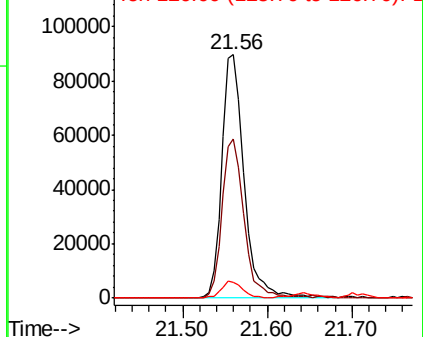


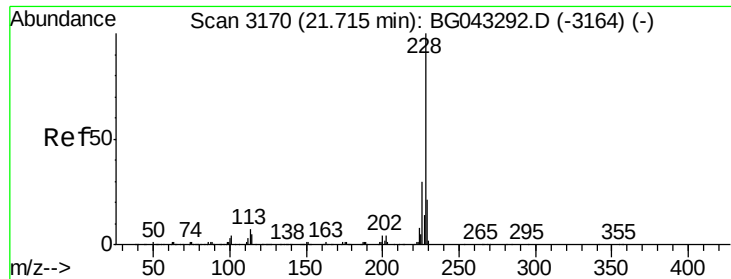
Abundance

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: 36.684 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

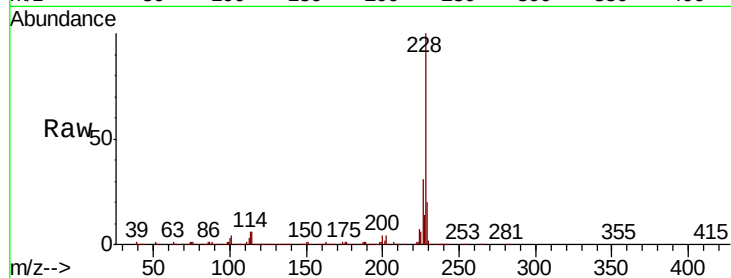
Tot Ion:228 Resp: 771111

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.8

229 20.3 16.3 24.5

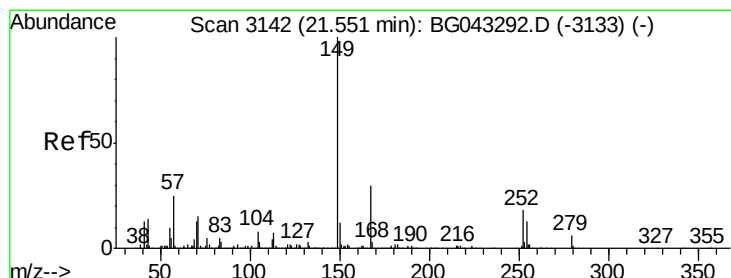
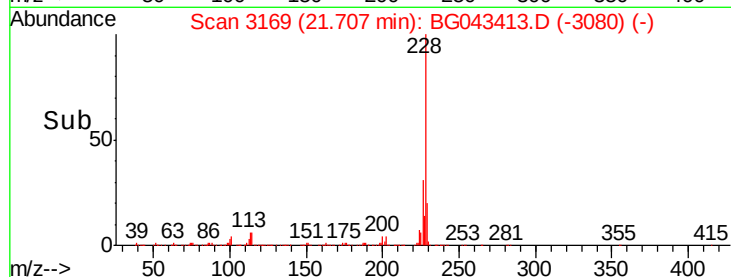
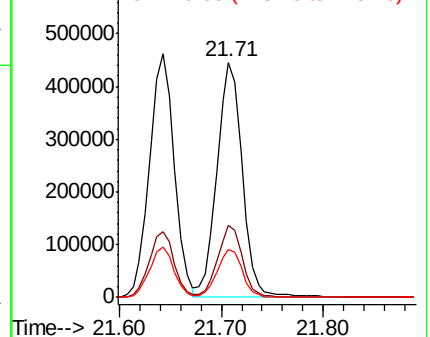


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.581 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

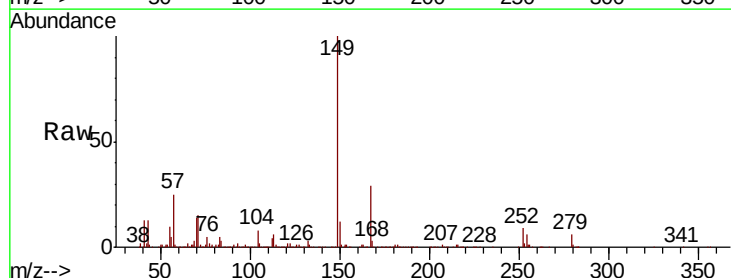
Tgt Ion:149 Resp: 422842

Ion Ratio Lower Upper

149 100

167 29.2 23.9 35.9

279 6.2 4.8 7.2

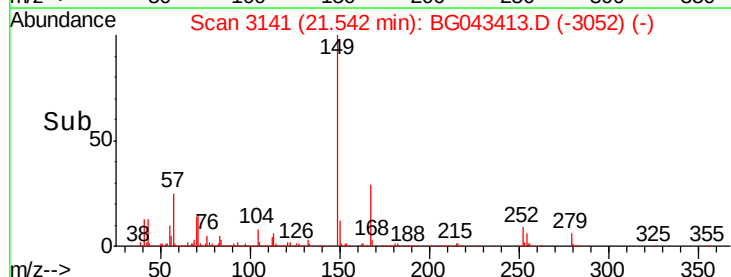
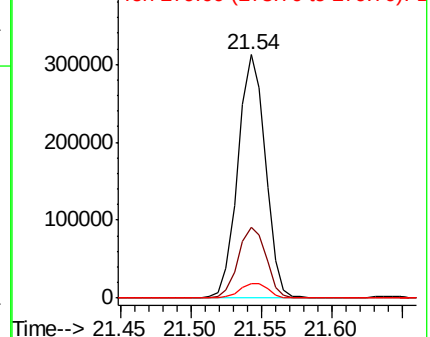


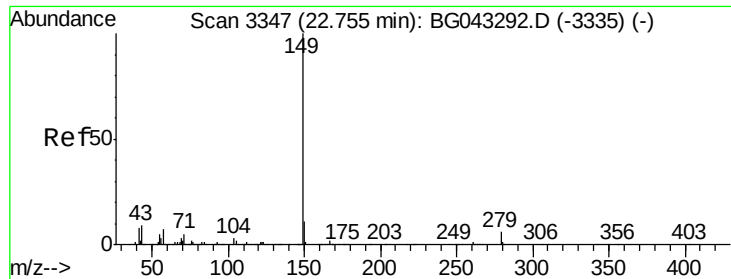
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

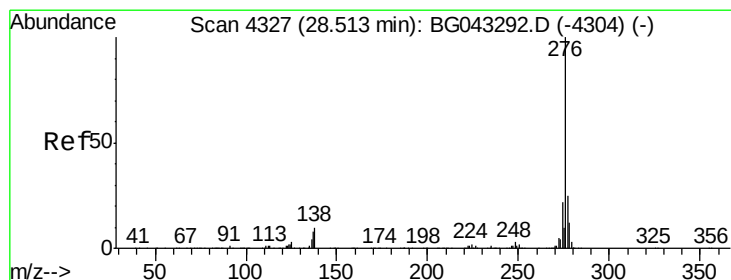
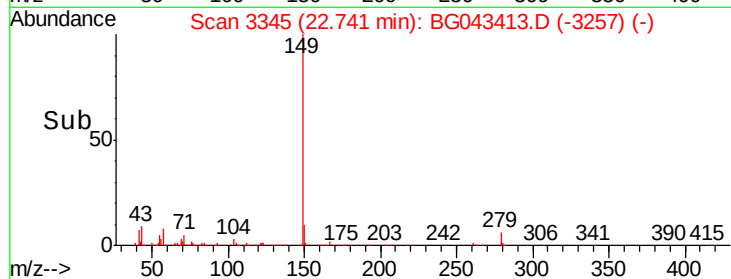
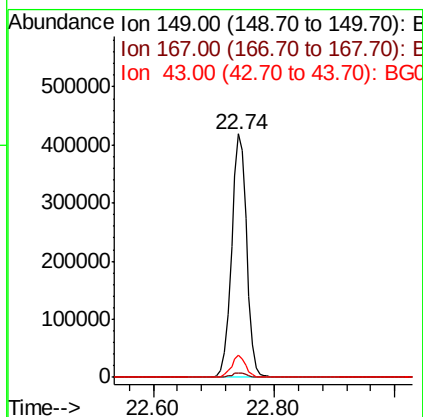
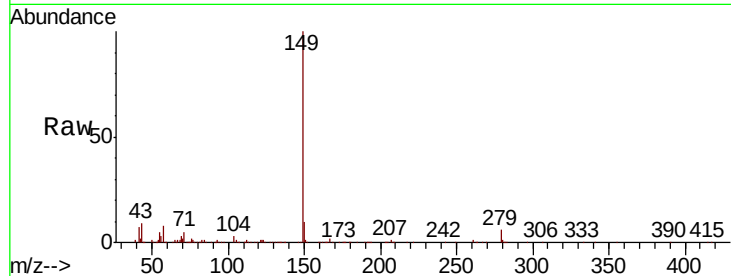




#85
Di-n-octyl phthalate
Concen: 37.921 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

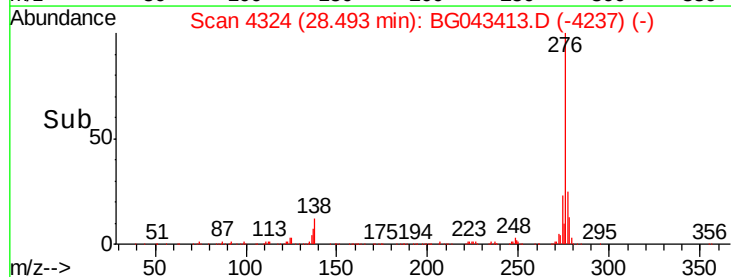
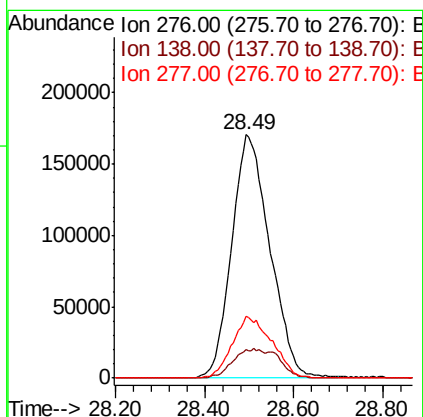
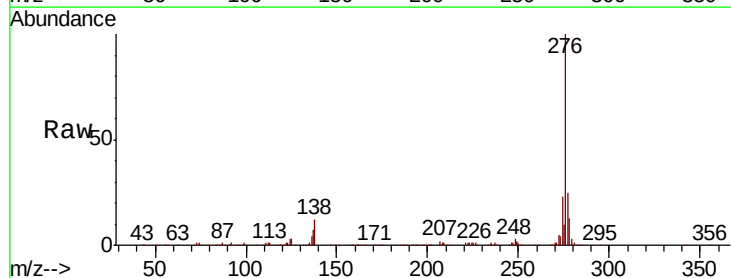
Instrument :
BNA_G
ClientSampleId :

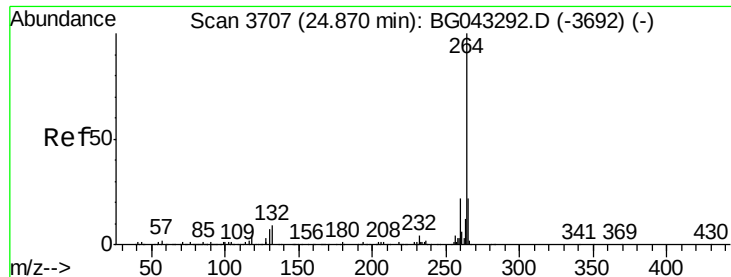
Tot Ion:149 Resp: 723862
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 8.4 6.9 10.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.426 ng
RT: 28.49 min Scan# 4324
Delta R.T. -0.02 min
Lab File: BG043413.D
Acq: 30 Oct 2019 23:08

Tgt Ion:276 Resp: 1013904
Ion Ratio Lower Upper
276 100
138 9.6 7.2 10.8
277 26.3 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

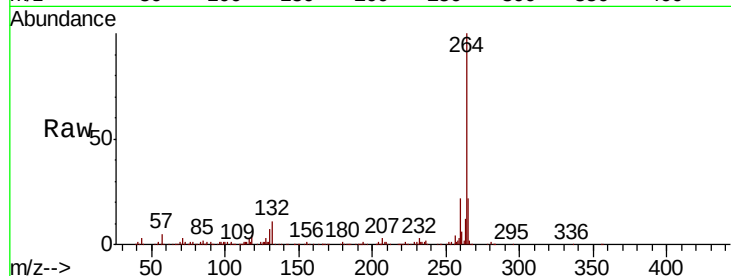
Tot Ion:264 Resp: 398523

Ion Ratio Lower Upper

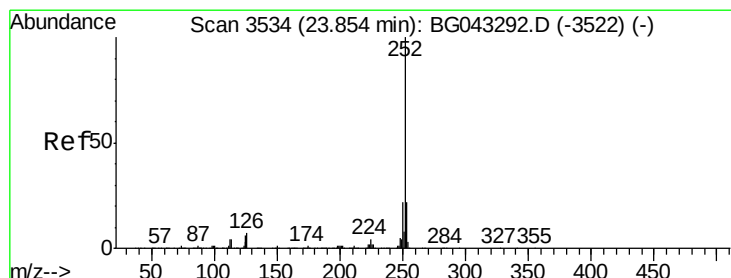
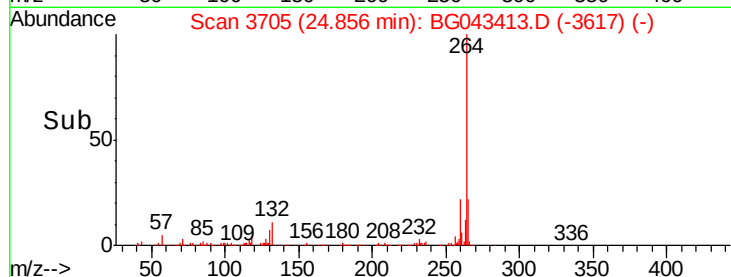
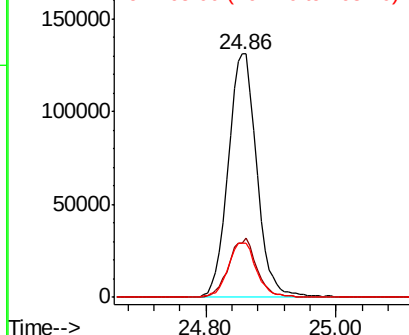
264 100

260 22.1 17.9 26.9

265 22.5 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: 36.670 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

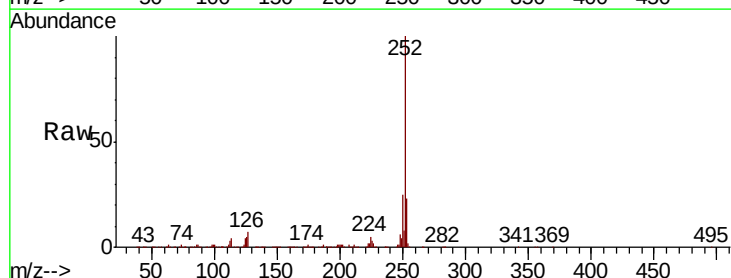
Tgt Ion:252 Resp: 827684

Ion Ratio Lower Upper

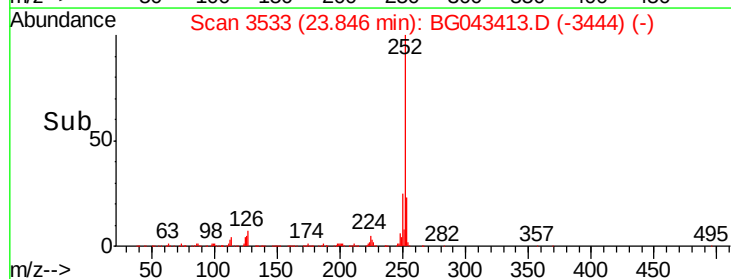
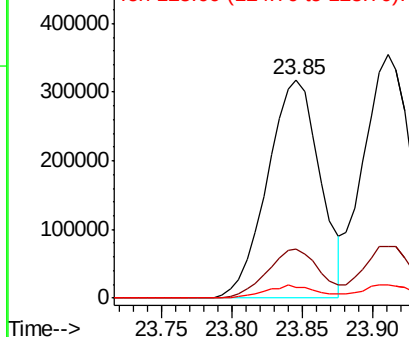
252 100

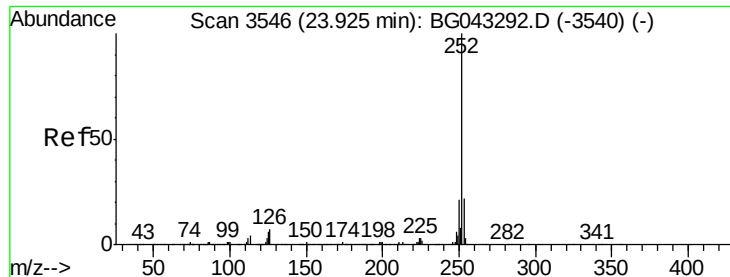
253 22.8 17.4 26.2

125 5.1 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: 37.180 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampleId :

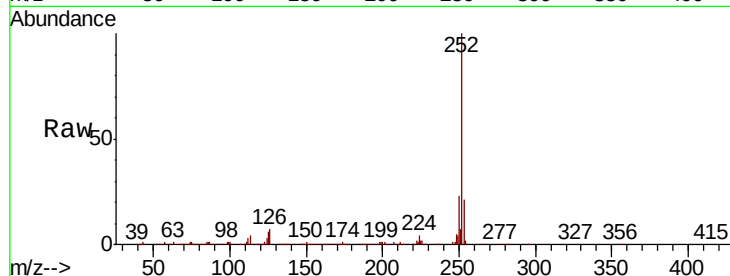
Tot Ion:252 Resp: 844824

Ion Ratio Lower Upper

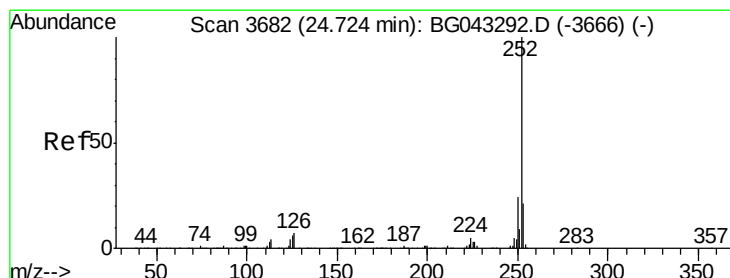
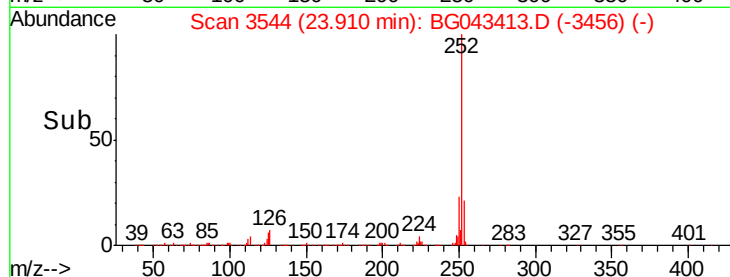
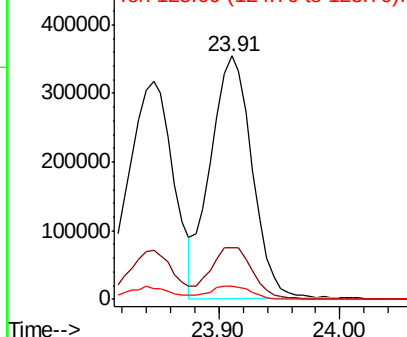
252 100

253 21.4 17.6 26.4

125 5.6 4.5 6.7



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



#90

Benzo(a)pyrene

Concen: 36.059 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

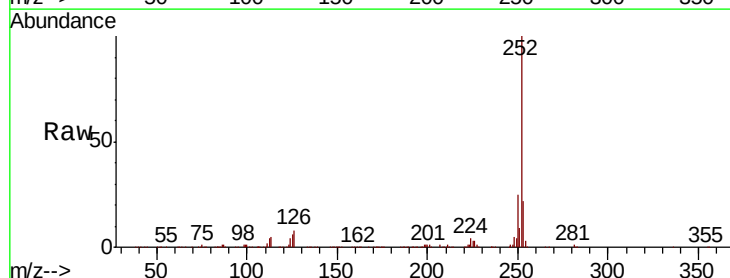
Tgt Ion:252 Resp: 777217

Ion Ratio Lower Upper

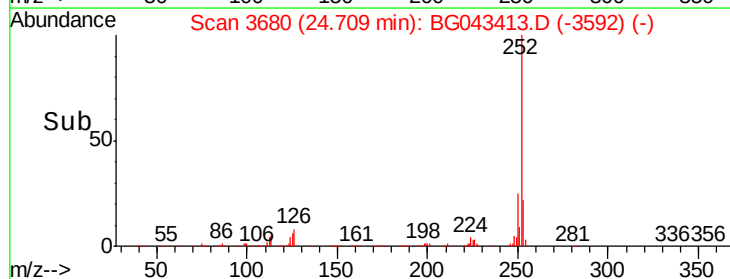
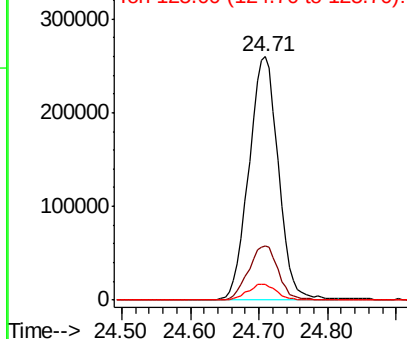
252 100

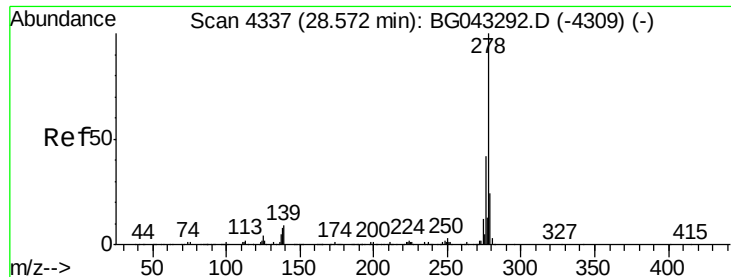
253 22.3 17.2 25.8

125 6.3 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





#91

Dibenzo(a,h)anthracene

Concen: 38.848 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.01 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

Instrument :

BNA_G

ClientSampled :

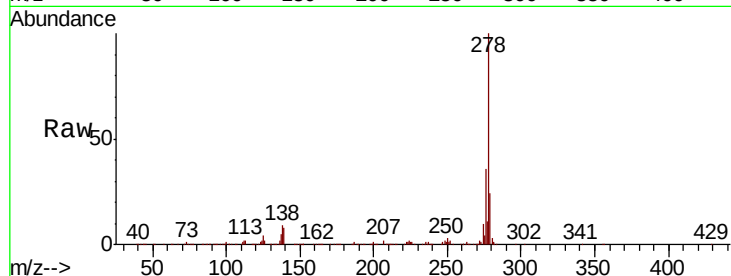
Tot Ion:278 Resp: 856446

Ion Ratio Lower Upper

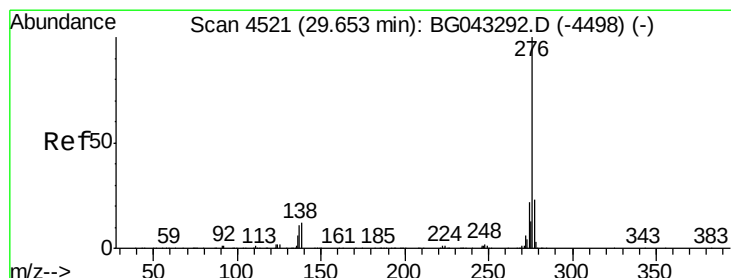
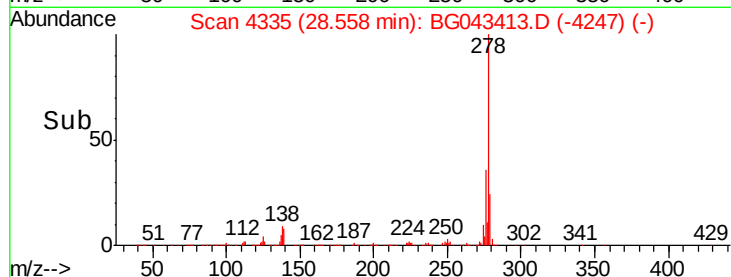
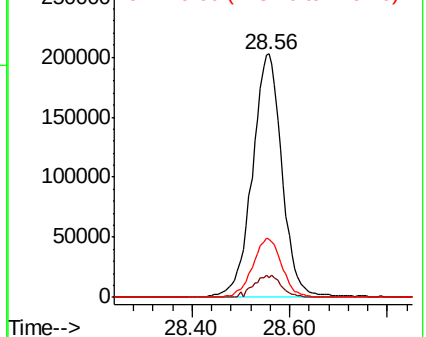
278 100

139 8.3 6.8 10.2

279 23.7 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: 39.069 ng

RT: 29.63 min Scan# 4517

Delta R.T. -0.03 min

Lab File: BG043413.D

Acq: 30 Oct 2019 23:08

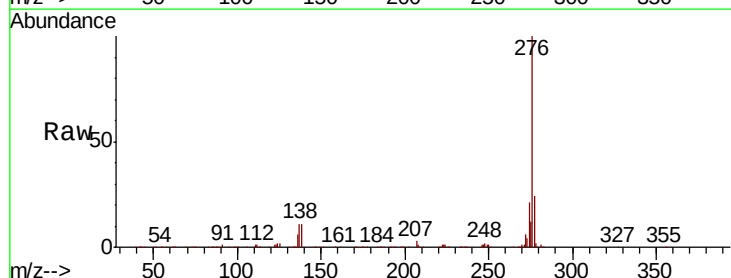
Tgt Ion:276 Resp: 849616

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 11.5 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

