

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043437.D
 Acq On : 31 Oct 2019 17:06
 Operator : JU
 Sample : K5497-05MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 03:59:42 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	49513	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	186365	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	135219	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	309532	20.00	ng	0.00
76) Chrysene-d12	21.67	240	337812	20.00	ng	0.00
87) Perylene-d12	24.86	264	401136	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	313210	115.92	ng	0.00
7) Phenol-d6	7.21	99	458928	118.05	ng	0.00
23) Nitrobenzene-d5	9.19	82	269742	74.62	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	270363	105.07	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	616722	63.02	ng	0.00
79) Terphenyl-d14	20.00	244	1044264	57.99	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	40000	37.988	ng	# 93
3) Pyridine	3.89	79	99165	37.335	ng	99
4) n-Nitrosodimethylamine	3.80	42	61155	45.628	ng	# 88
6) Aniline	7.35	93	155160	34.647	ng	98
8) 2-Chlorophenol	7.59	128	142209	47.678	ng	98
9) Benzaldehyde	7.16	77	71738	37.549	ng	89
10) Phenol	7.24	94	177607	49.996	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	110878	40.370	ng	91
12) 1,3-Dichlorobenzene	7.91	146	156382	41.846	ng	92
13) 1,4-Dichlorobenzene	8.06	146	159801	42.264	ng	99
14) 1,2-Dichlorobenzene	8.38	146	151123	40.935	ng	98
15) Benzyl Alcohol	8.27	79	125561	45.989	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	158169	39.605	ng	98
17) 2-Methylphenol	8.48	107	118689	45.831	ng	94
18) Hexachloroethane	9.11	117	55714	40.842	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	102808	40.926	ng	98
20) 3+4-Methylphenols	8.81	107	157247	44.280	ng	94
22) Acetophenone	8.85	105	201482	42.216	ng	98
24) Nitrobenzene	9.23	77	154231	44.788	ng	97
25) Isophorone	9.75	82	291513	44.108	ng	98
26) 2-Nitrophenol	9.94	139	77747	46.765	ng	95
27) 2,4-Dimethylphenol	10.01	122	129402	54.306	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	160791	44.081	ng	96
29) 2,4-Dichlorophenol	10.48	162	150607	49.330	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	166971	43.392	ng	97
31) Naphthalene	10.88	128	430392	45.497	ng	98
32) Benzoic acid	10.19	122	72783	41.511	ng	97
33) 4-Chloroaniline	11.00	127	76709	19.782	ng	96
34) Hexachlorobutadiene	11.17	225	116503	40.957	ng	94
35) Caprolactam	11.77	113	21960	20.885	ng	# 71
36) 4-Chloro-3-methylphenol	12.12	107	157376	47.256	ng	99
37) 2-Methylnaphthalene	12.48	142	328174	45.213	ng	98
38) 1-Methylnaphthalene	12.70	142	311294	45.075	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	212990	42.562	ng	98

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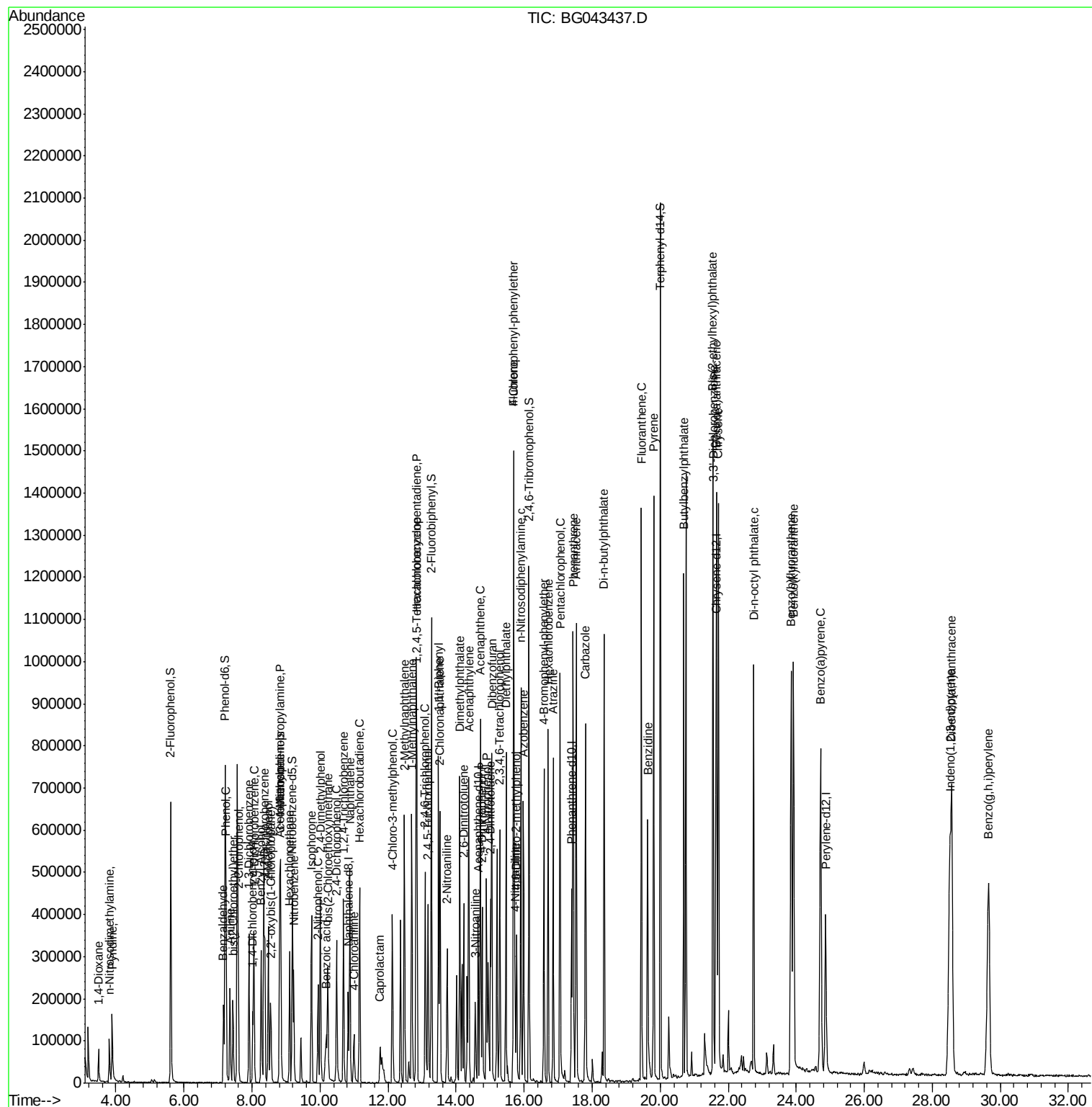
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	264211	100.508	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	139162	47.221	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	144863	48.621	ng	98
46) 1,1'-Biphenyl	13.49	154	434738	42.262	ng	98
47) 2-Chloronaphthalene	13.53	162	337724	43.149	ng	97
48) 2-Nitroaniline	13.74	65	103538	44.261	ng	97
49) Acenaphthylene	14.37	152	545677	44.796	ng	98
50) Dimethylphthalate	14.11	163	512384	48.921	ng	99
51) 2,6-Dinitrotoluene	14.23	165	101451	44.586	ng	94
52) Acenaphthene	14.72	154	325929	43.875	ng	97
53) 3-Nitroaniline	14.56	138	59386	27.033	ng	# 88
54) 2,4-Dinitrophenol	14.77	184	114953	80.821	ng	97
55) Dibenzofuran	15.05	168	528941	43.907	ng	99
56) 4-Nitrophenol	14.90	139	152374	103.503	ng	95
57) 2,4-Dinitrotoluene	15.01	165	147107	45.239	ng	94
58) Fluorene	15.70	166	447273	44.268	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	147967	46.744	ng	# 99
60) Diethylphthalate	15.47	149	441327	41.936	ng	97
61) 4-Chlorophenyl-phenylether	15.69	204	259829	44.082	ng	98
62) 4-Nitroaniline	15.73	138	95538	42.110	ng	96
63) Azobenzene	15.98	77	376864	44.248	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	90196	49.515	ng	95
66) n-Nitrosodiphenylamine	15.90	169	393745	45.057	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	183387	44.024	ng	99
68) Hexachlorobenzene	16.71	284	204942	42.861	ng	98
69) Atrazine	16.85	200	168984	55.650	ng	94
70) Pentachlorophenol	17.05	266	223944	102.784	ng	97
71) Phenanthrene	17.44	178	723968	45.675	ng	99
72) Anthracene	17.53	178	732458	46.187	ng	100
73) Carbazole	17.80	167	661540	46.065	ng	98
74) Di-n-butylphthalate	18.35	149	765607	43.937	ng	99
75) Fluoranthene	19.44	202	953496	46.143	ng	98
77) Benzidine	19.63	184	476609	70.104	ng	99
78) Pyrene	19.81	202	967651	46.277	ng	98
80) Butylbenzylphthalate	20.69	149	351751	44.402	ng	99
81) Benzo(a)anthracene	21.64	228	975431	46.097	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	245028	29.938	ng	99
83) Chrysene	21.71	228	944426	44.921	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	507614	45.108	ng	98
85) Di-n-octyl phthalate	22.75	149	887972	46.510	ng	100
86) Indeno(1,2,3-cd)pyrene	28.52	276	1263864	47.890	ng	99
88) Benzo(b)fluoranthene	23.85	252	1037962	45.687	ng	98
89) Benzo(k)fluoranthene	23.92	252	1041332	45.530	ng	98
90) Benzo(a)pyrene	24.72	252	977892	45.074	ng	100
91) Dibenzo(a,h)anthracene	28.58	278	1044123	47.052	ng	99
92) Benzo(g,h,i)perylene	29.65	276	1056075	48.247	ng	99

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

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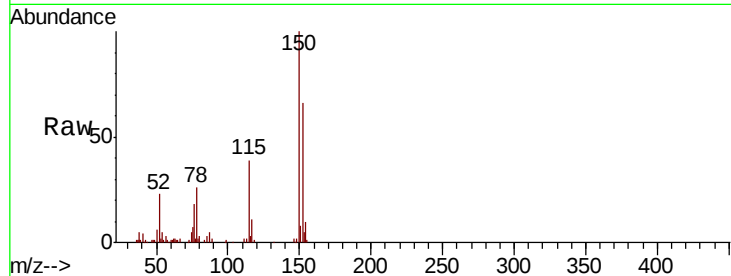


#1

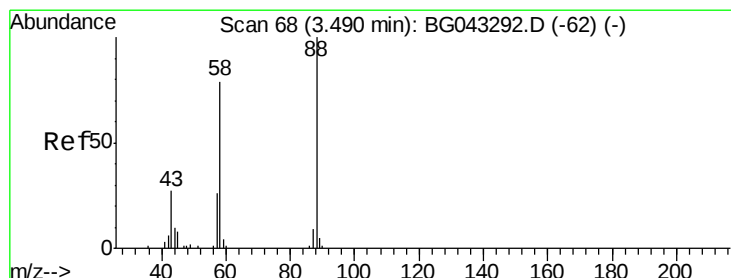
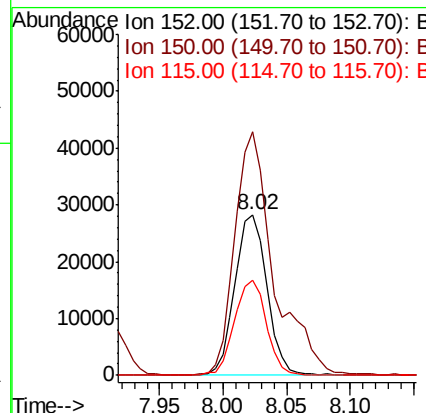
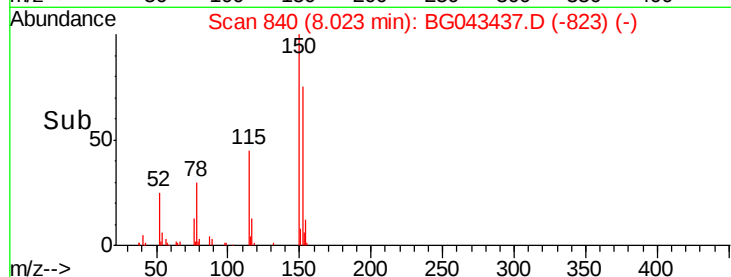
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	113.6	170.4
115	59.5	45.9	68.9



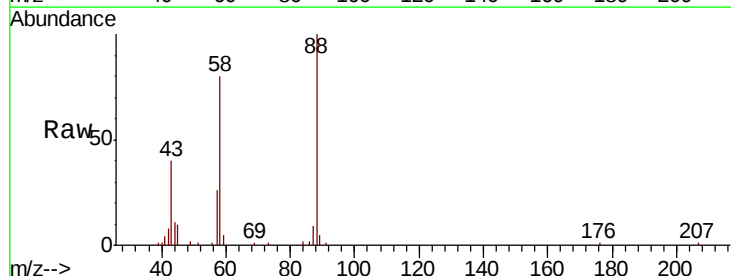
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



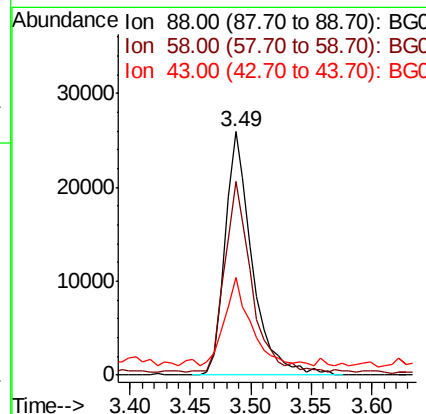
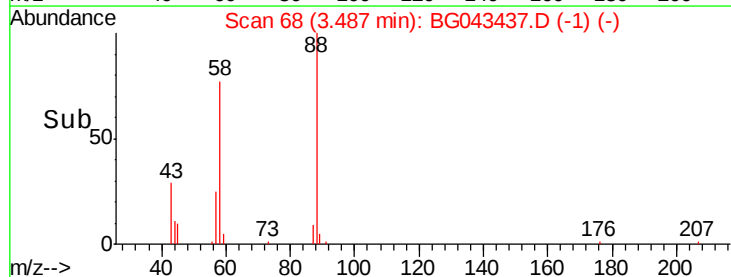
#2

1,4-Dioxane
Concen: 37.988 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	60.2	90.2
43	35.6	22.7	34.1



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.335 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

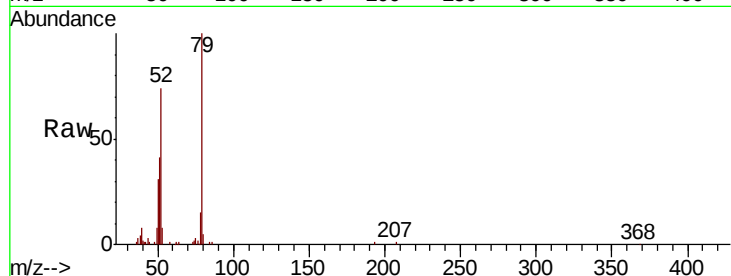
Tot Ion: 79 Resp: 99165

Ion Ratio Lower Upper

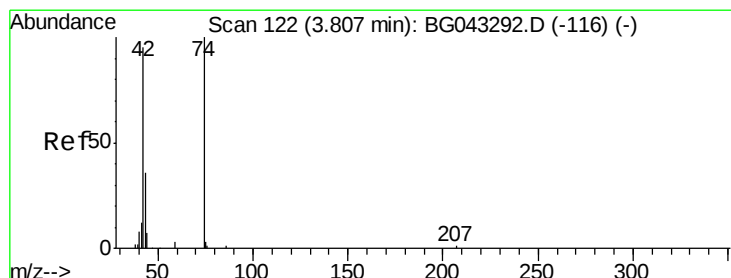
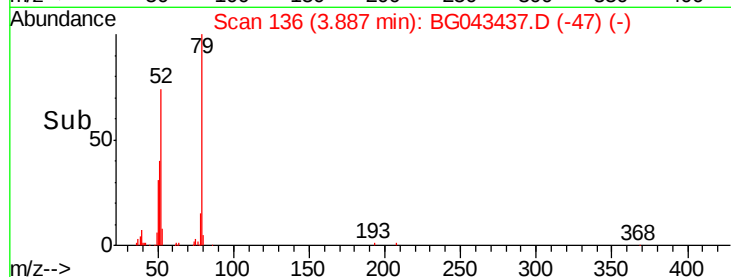
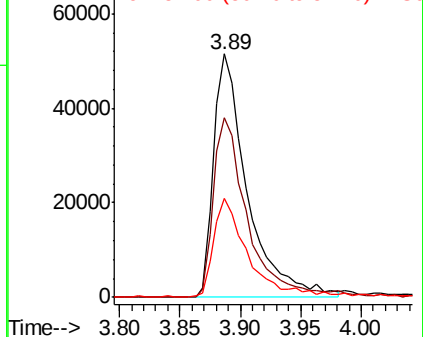
79 100

52 73.9 59.7 89.5

51 40.7 31.8 47.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 45.628 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

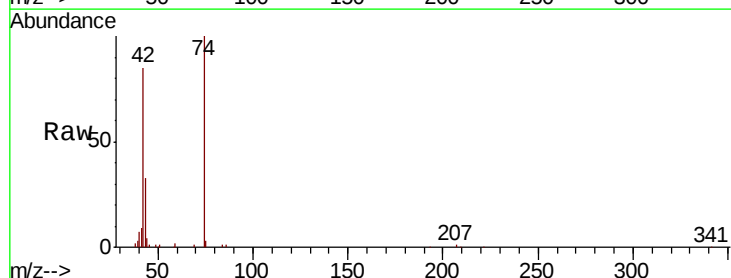
Tgt Ion: 42 Resp: 61155

Ion Ratio Lower Upper

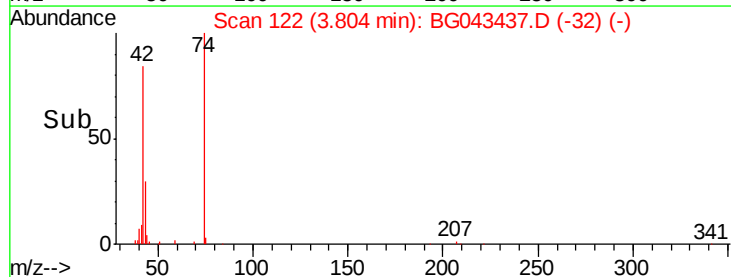
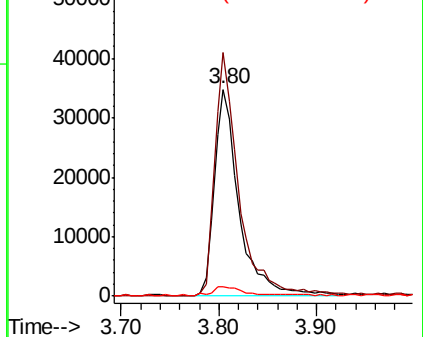
42 100

74 117.5 84.2 126.2

44 4.7 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 115.917 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

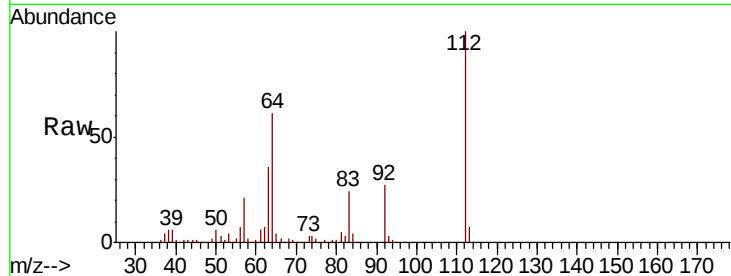
Tot Ion:112 Resp: 313210

Ion Ratio Lower Upper

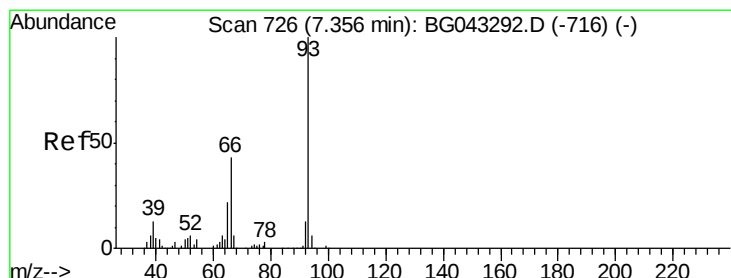
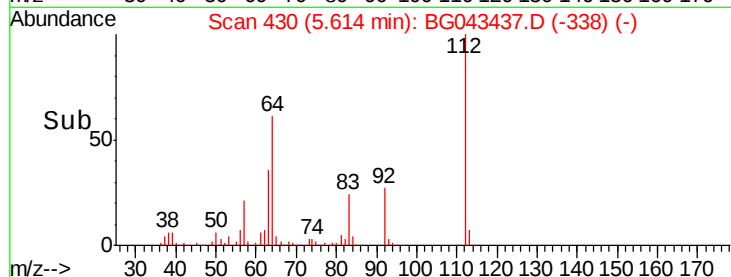
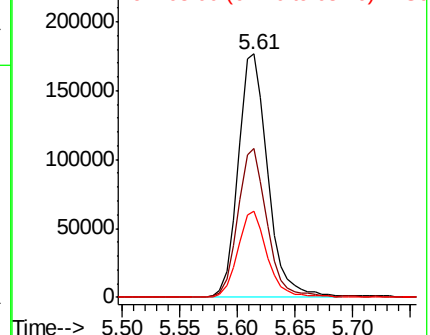
112 100

64 61.3 50.2 75.2

63 35.6 26.7 40.1



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



#6

Aniline

Concen: 34.647 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

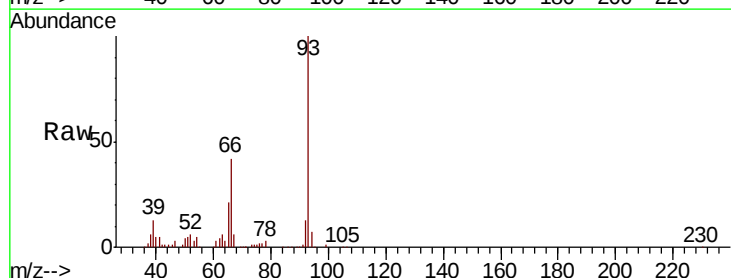
Tgt Ion: 93 Resp: 155160

Ion Ratio Lower Upper

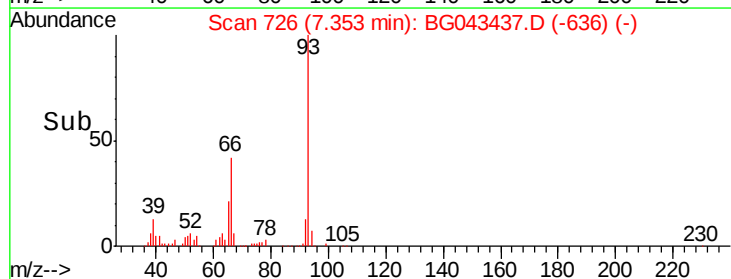
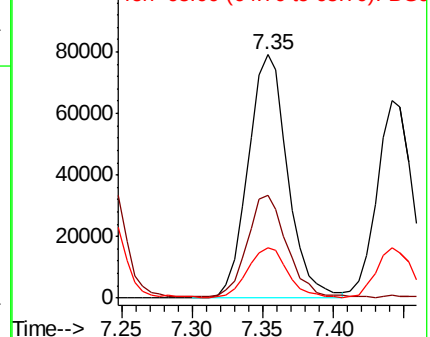
93 100

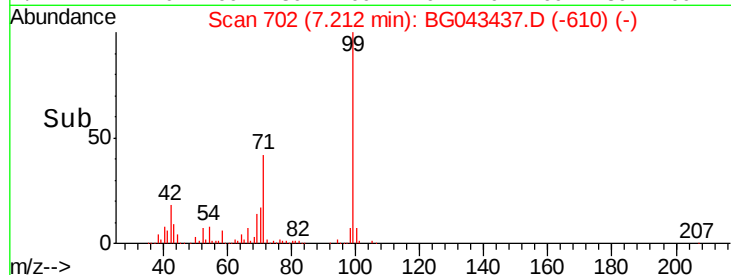
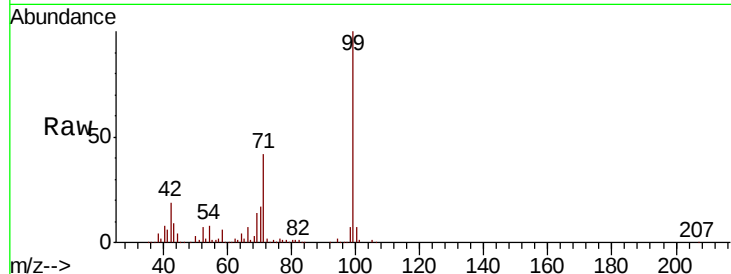
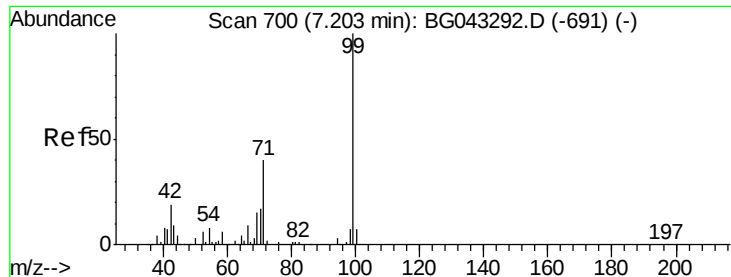
66 42.0 34.5 51.7

65 20.9 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: 118.050 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

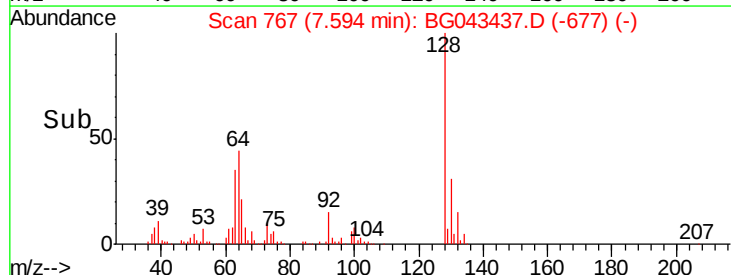
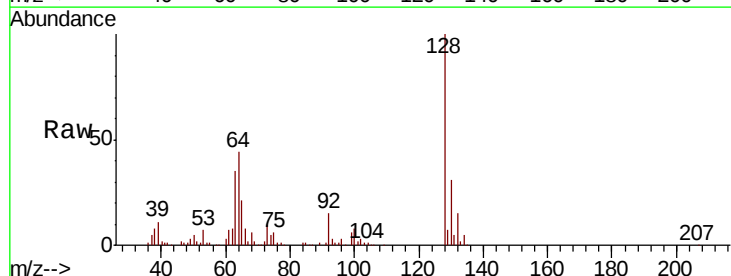
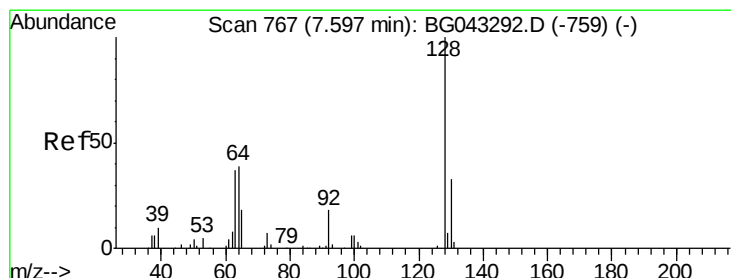
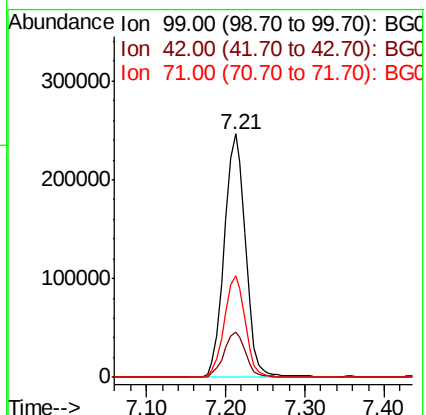
Tot Ion: 99 Resp: 458928

Ion Ratio Lower Upper

99 100

42 18.6 14.9 22.3

71 41.7 32.2 48.2



#8

2-Chlorophenol

Concen: 47.678 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

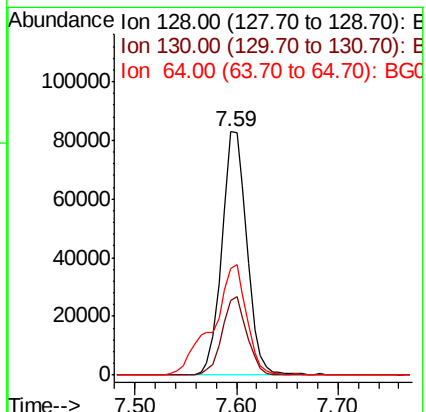
Tgt Ion: 128 Resp: 142209

Ion Ratio Lower Upper

128 100

130 30.9 12.9 52.9

64 44.0 24.9 64.9





#9

Benzaldehyde

Concen: 37.549 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampled :

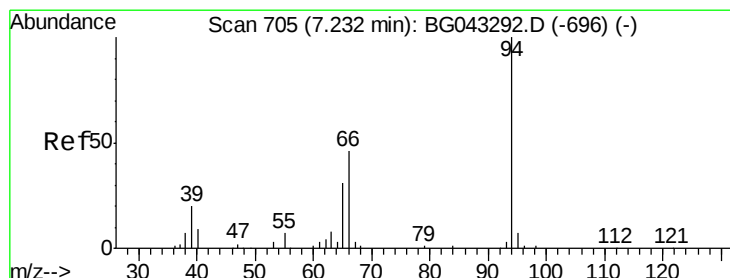
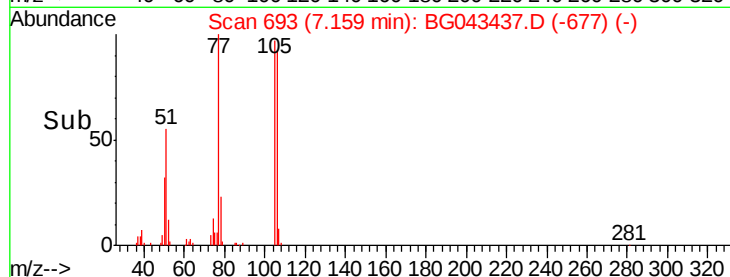
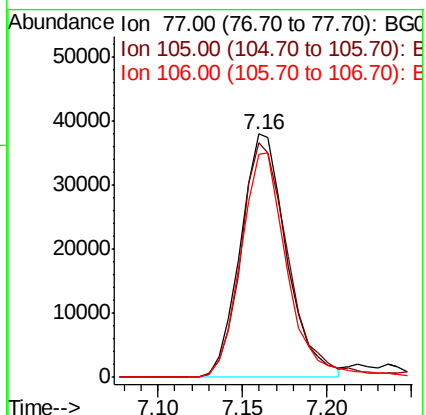
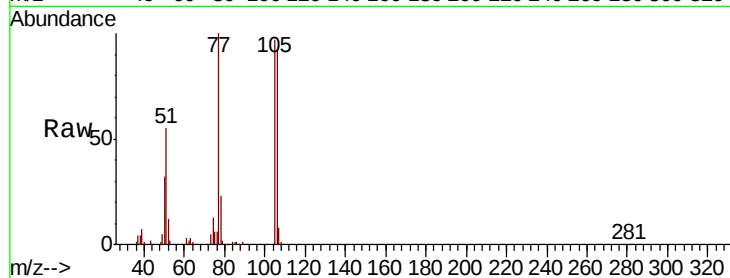
Tot Ion: 77 Resp: 71738

Ion Ratio Lower Upper

77 100

105 96.6 68.7 108.7

106 91.8 60.5 100.5



#10

Phenol

Concen: 49.996 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

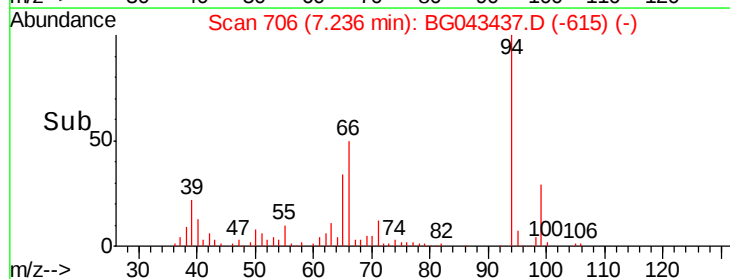
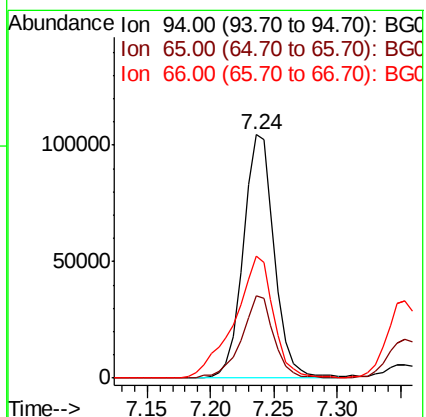
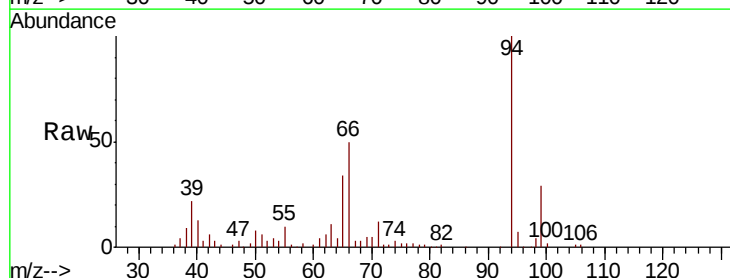
Tgt Ion: 94 Resp: 177607

Ion Ratio Lower Upper

94 100

65 34.0 11.1 51.1

66 50.2 27.8 67.8

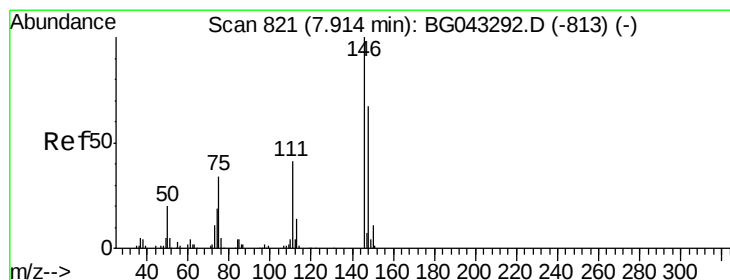
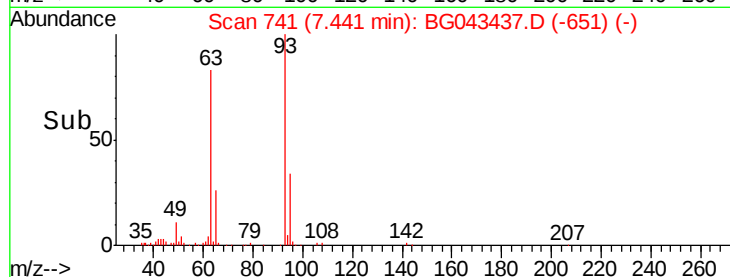
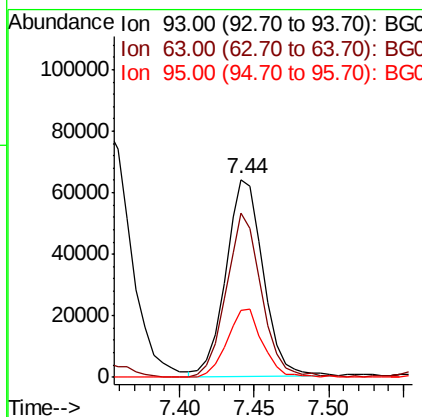
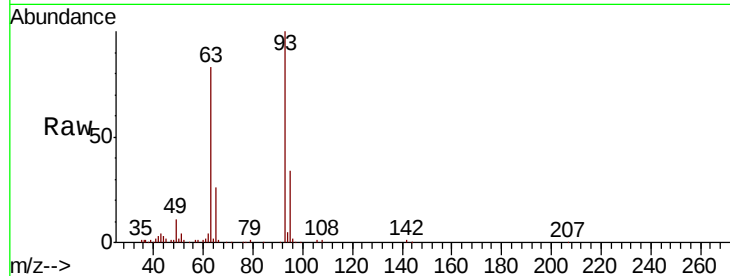




#11
bis(2-Chloroethyl)ether
Concen: 40.370 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

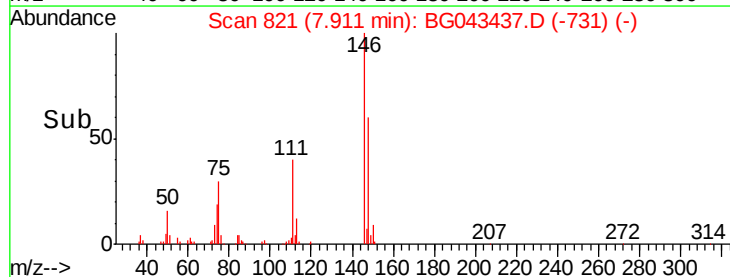
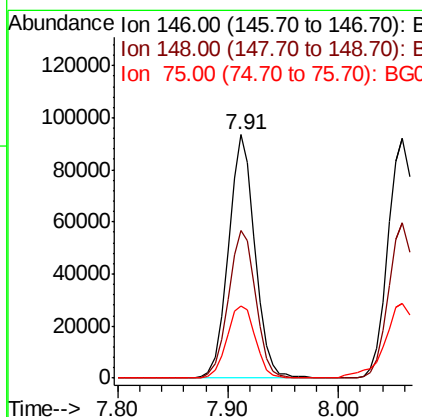
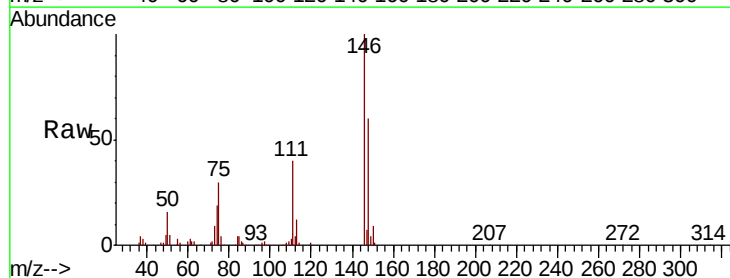
Instrument :
BNA_G
ClientSampleId :

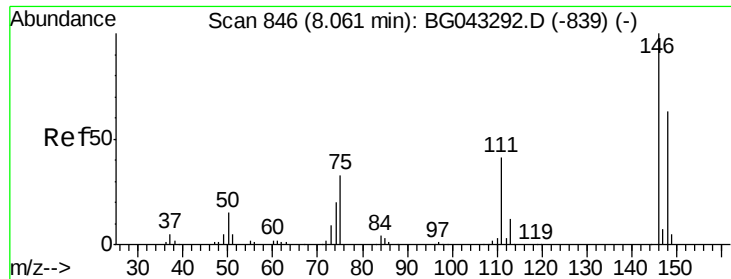
Tot Ion: 93 Resp: 110878
Ion Ratio Lower Upper
93 100
63 82.9 54.6 94.6
95 34.1 9.7 49.7



#12
1,3-Dichlorobenzene
Concen: 41.846 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion: 146 Resp: 156382
Ion Ratio Lower Upper
146 100
148 60.5 53.4 80.2
75 29.8 27.0 40.4

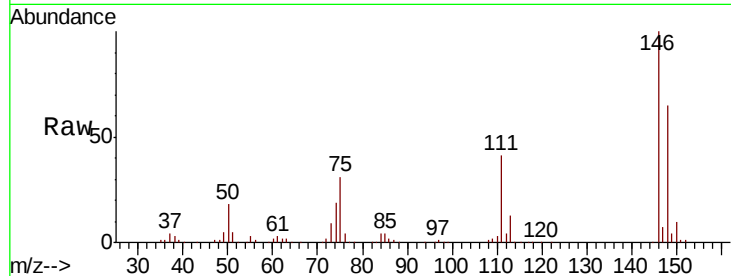




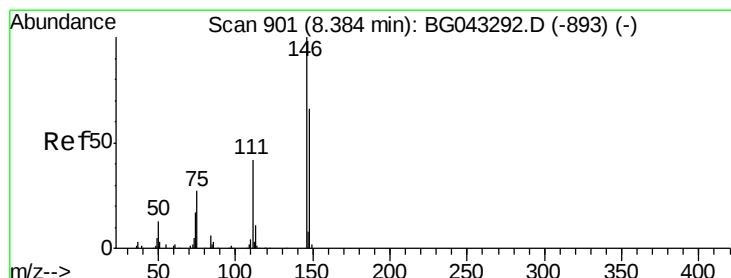
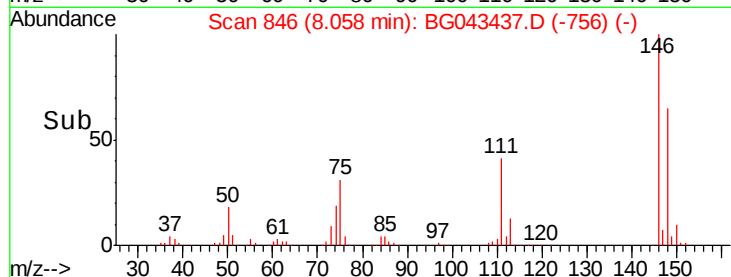
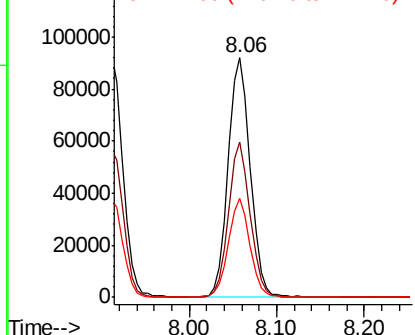
#13
 1,4-Dichlorobenzene
 Concen: 42.264 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 159801
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.7 76.1
 111 41.1 33.0 49.6

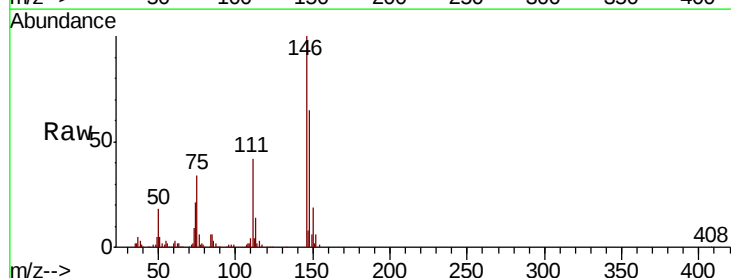


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

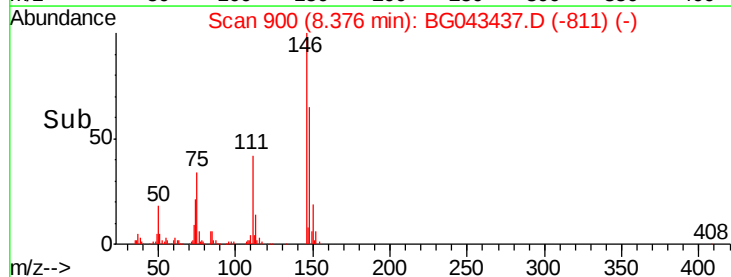
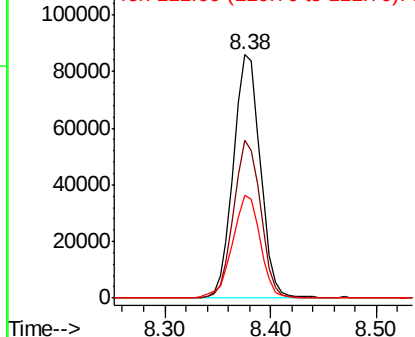


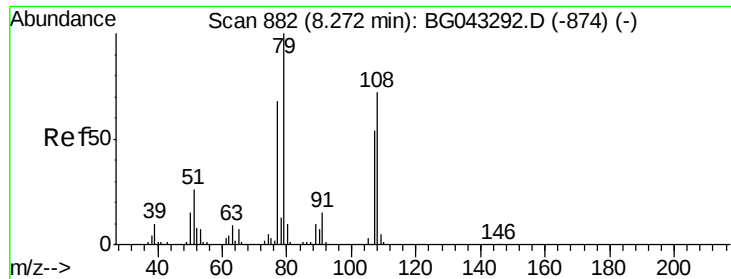
#14
 1,2-Dichlorobenzene
 Concen: 40.935 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion:146 Resp: 151123
 Ion Ratio Lower Upper
 146 100
 148 64.6 53.0 79.4
 111 42.2 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: 45.989 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

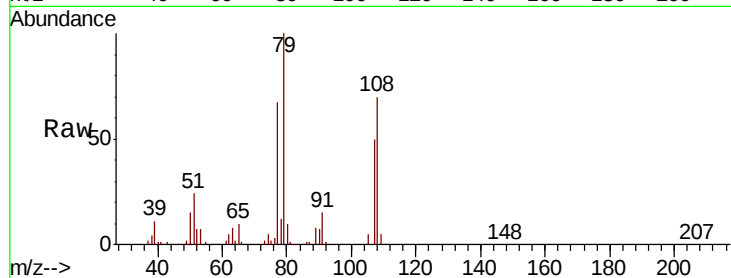
Tot Ion: 79 Resp: 125561

Ion Ratio Lower Upper

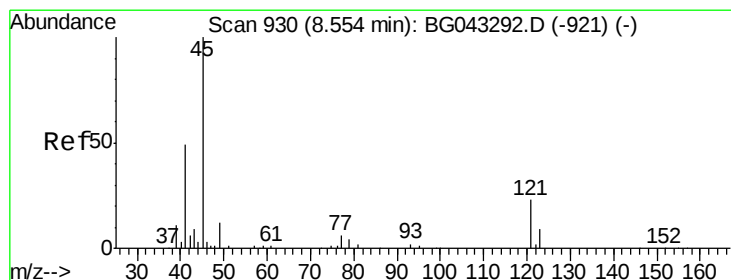
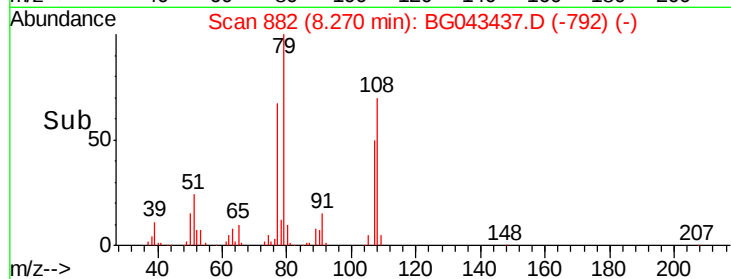
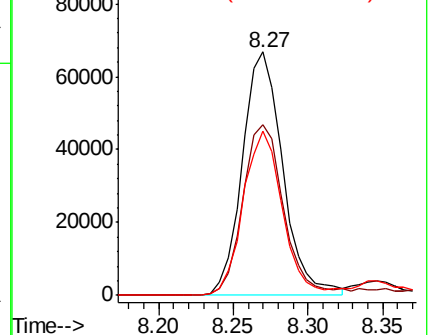
79 100

108 70.2 57.3 85.9

77 67.4 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: 39.605 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

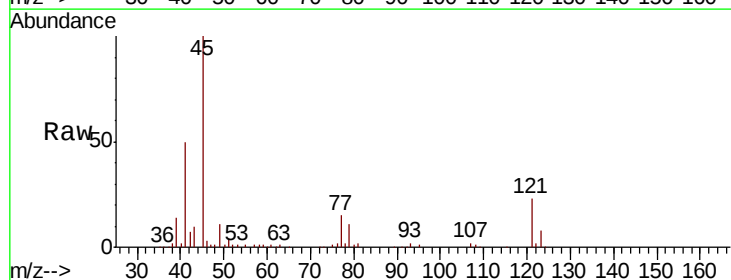
Tgt Ion: 45 Resp: 158169

Ion Ratio Lower Upper

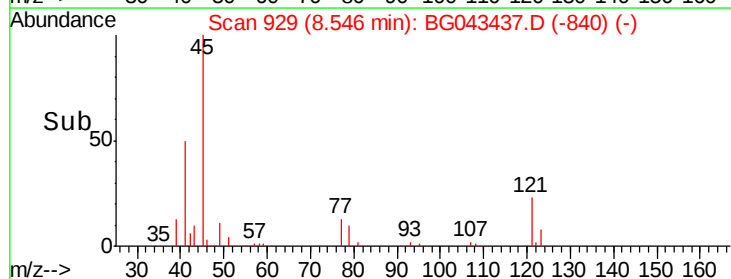
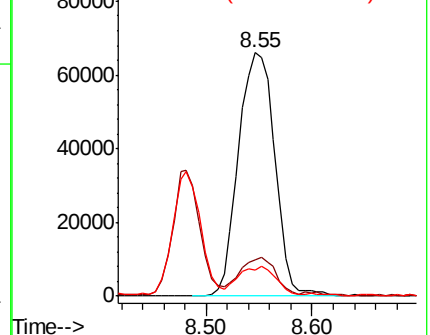
45 100

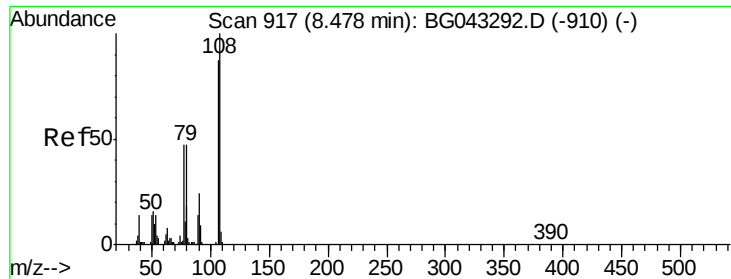
77 14.7 0.0 34.2

79 10.9 0.0 32.3



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

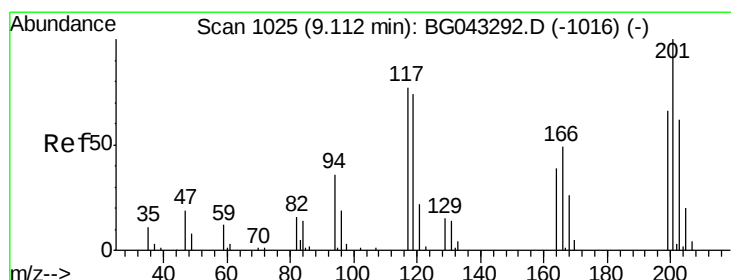
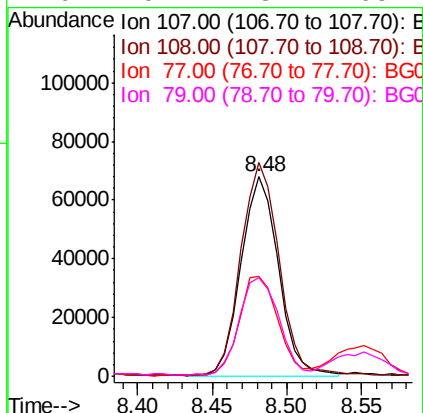
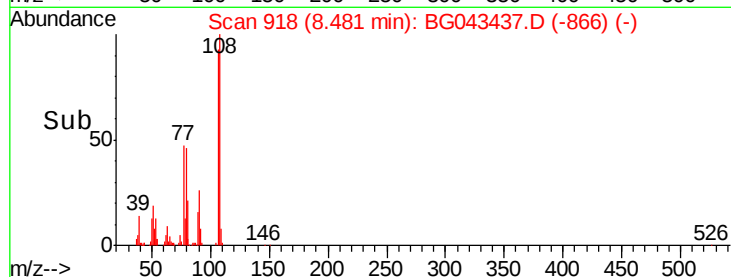
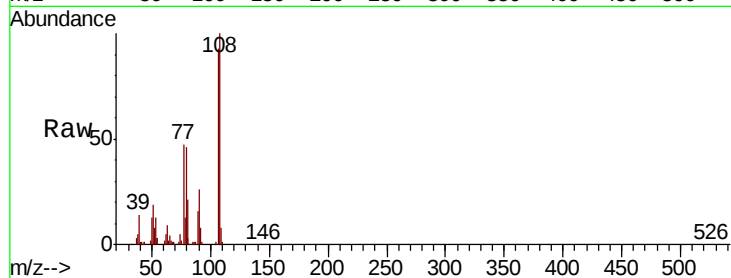




#17
2-Methylphenol
Concen: 45.831 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

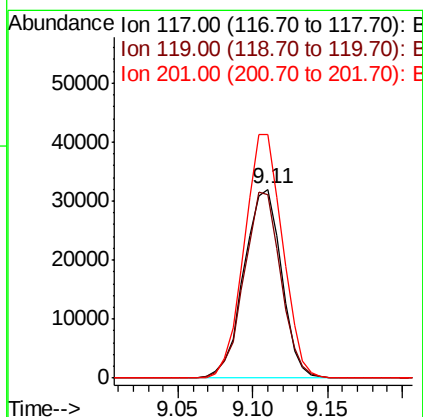
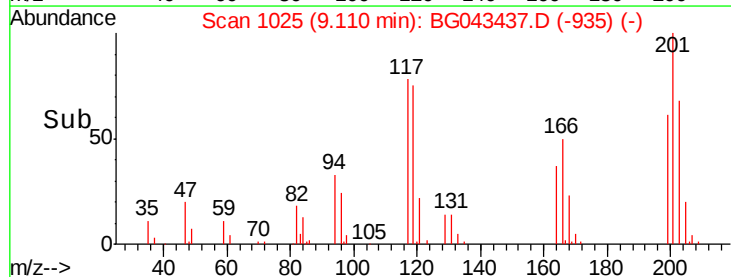
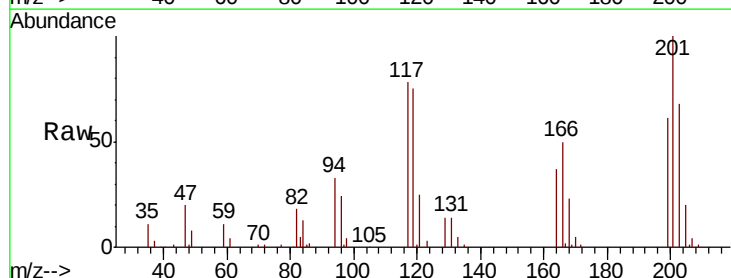
Instrument :
BNA_G
ClientSampleId :

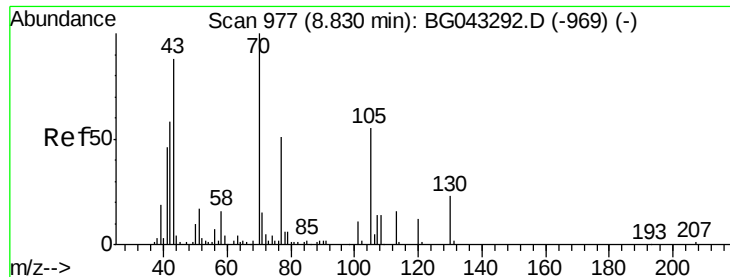
Tot Ion:107 Resp: 118689
Ion Ratio Lower Upper
107 100
108 107.1 91.3 136.9
77 50.3 43.0 64.6
79 49.7 43.4 65.2



#18
Hexachloroethane
Concen: 40.842 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion:117 Resp: 55714
Ion Ratio Lower Upper
117 100
119 97.1 77.3 115.9
201 128.6 104.2 156.4

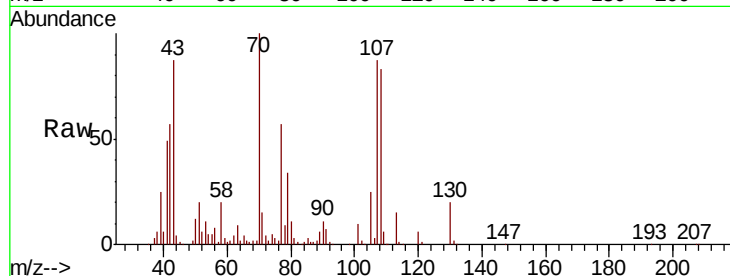




#19
n-Nitroso-di-n-propylamine
Concen: 40.926 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	102808
Ion	Ratio	Lower	Upper
70	100		
42	57.2	46.2	69.2
101	10.4	8.6	13.0
130	19.8	18.6	27.8



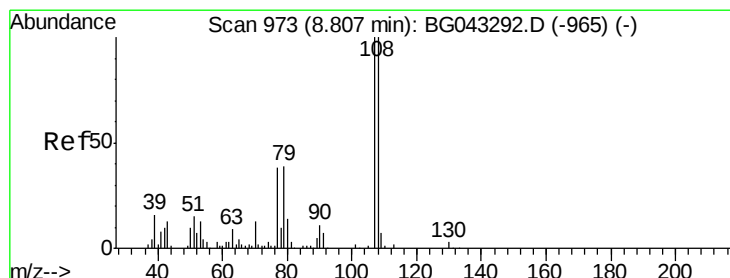
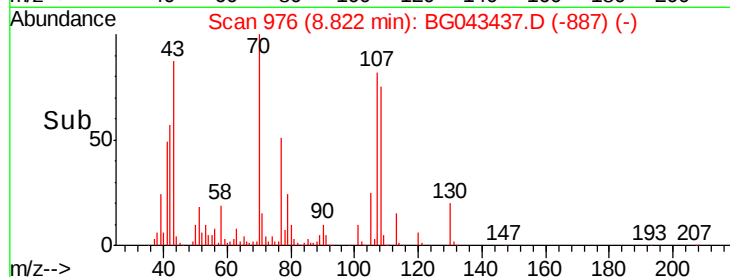
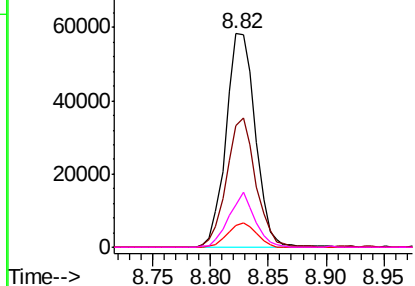
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

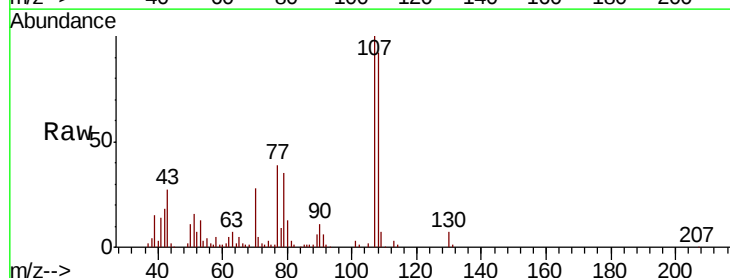
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.280 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion:	107	Resp:	157247
Ion	Ratio	Lower	Upper
107	100		
108	92.0	80.3	120.3
77	39.3	18.2	58.2
79	35.1	18.8	58.8



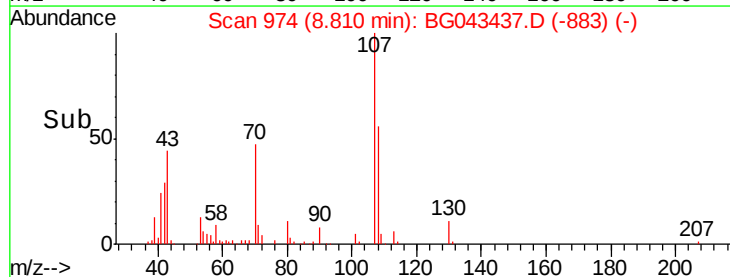
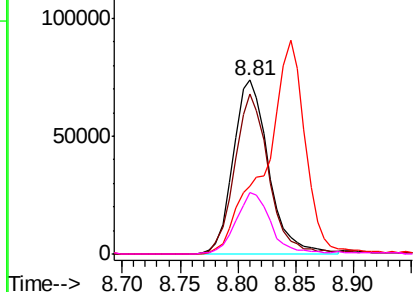
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

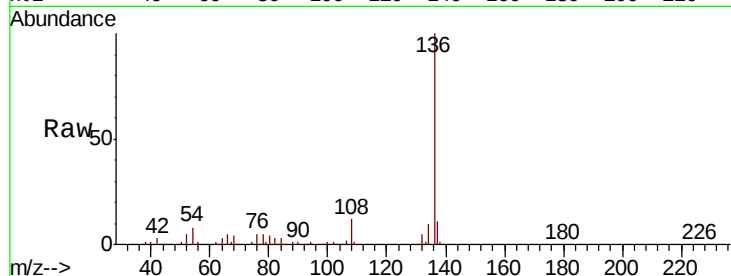




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	186365
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.2 12.2
54	8.3	5.4 8.2#
68	4.3	3.3 4.9



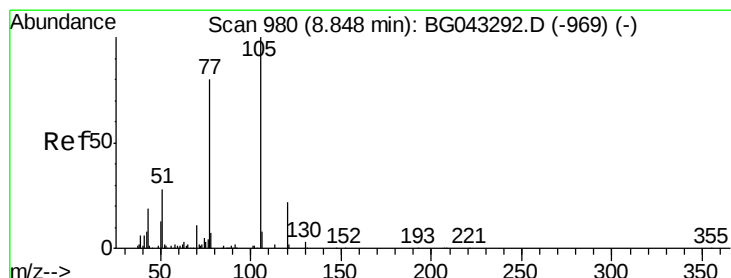
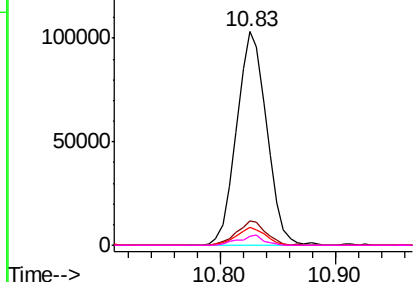
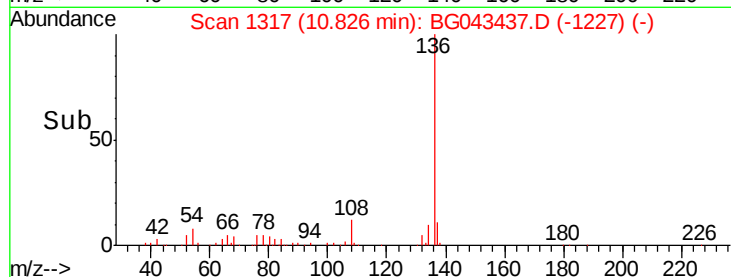
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

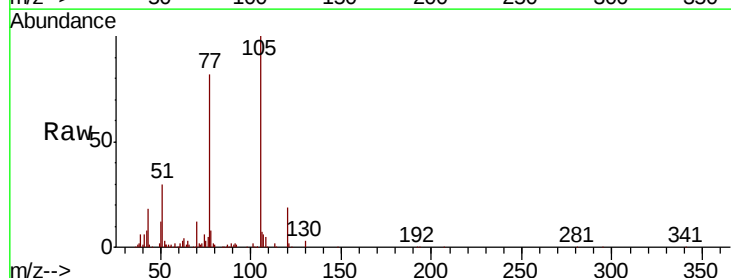
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.216 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion:105	Resp:	201482
Ion Ratio	Lower	Upper
105	100	
71	2.2	1.5 2.3
51	29.6	23.9 35.9
120	19.2	17.3 25.9



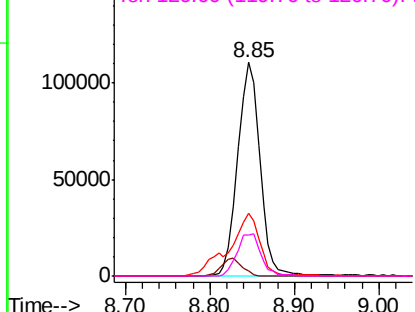
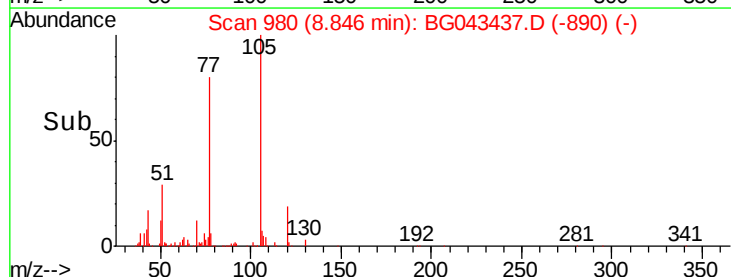
Abundance

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

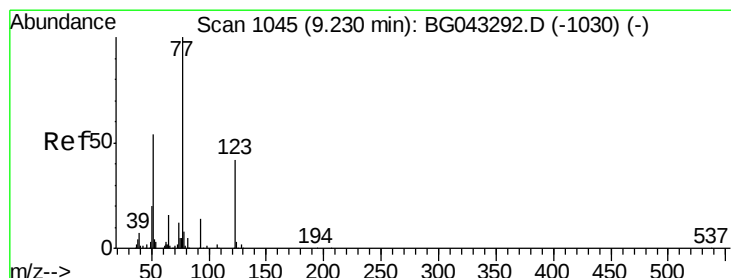
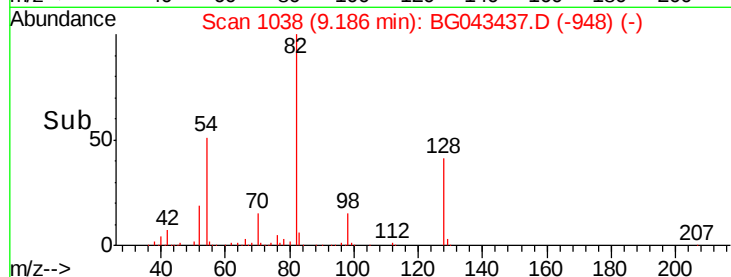
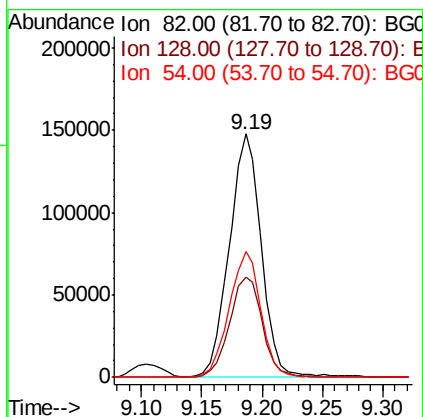
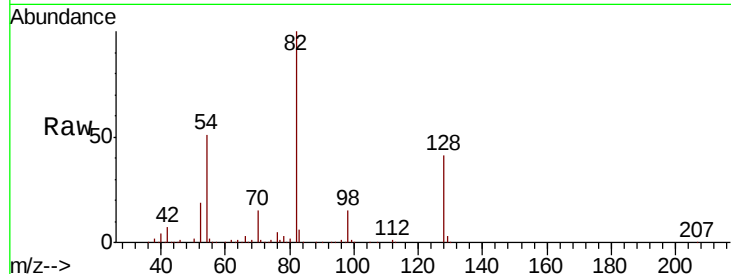




#23
 Nitrobenzene-d5
 Concen: 74.619 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

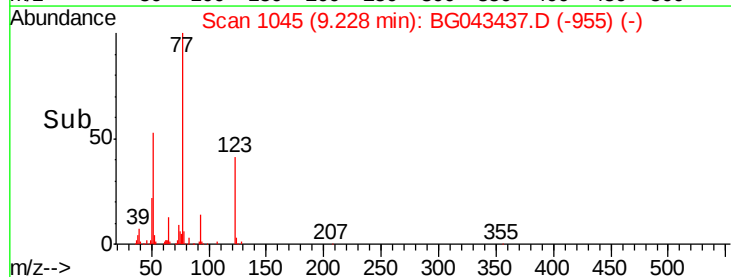
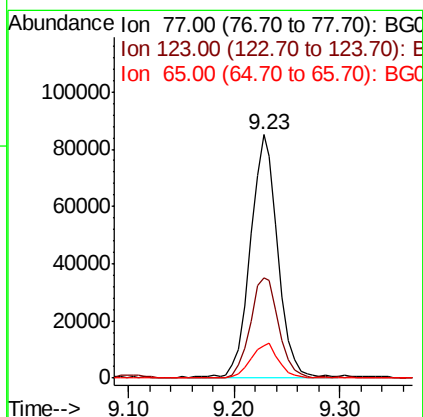
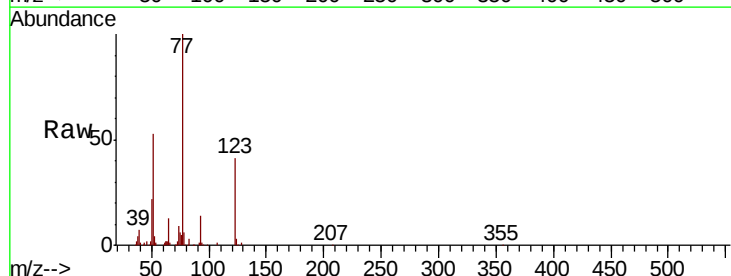
Instrument :
 BNA_G
 ClientSampleId :

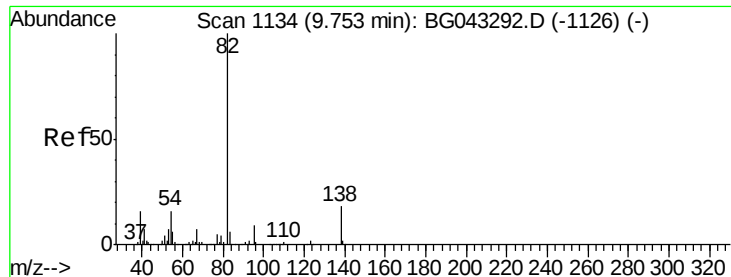
Tot Ion	82	Resp	269742
Ion Ratio	100	Lower	Upper
128	41.0	35.3	52.9
54	51.5	42.3	63.5



#24
 Nitrobenzene
 Concen: 44.788 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	77	Resp	154231
Ion Ratio	100	Lower	Upper
123	41.2	33.8	50.8
65	13.2	13.0	19.4





#25

Isophorone

Concen: 44.108 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

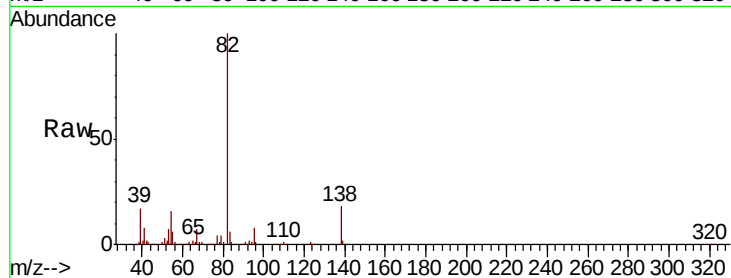
Tot Ion: 82 Resp: 291513

Ion Ratio Lower Upper

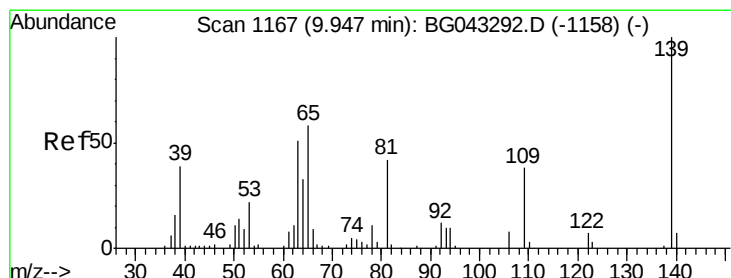
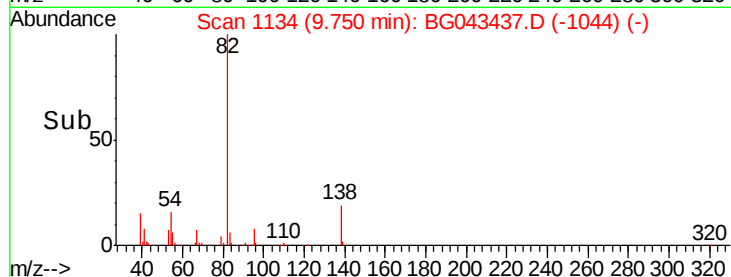
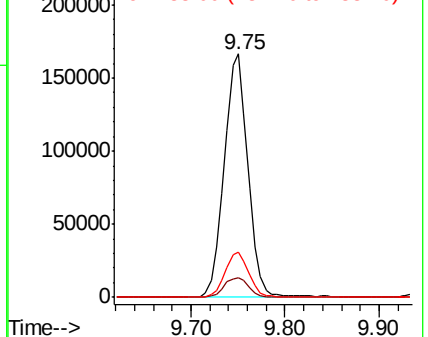
82 100

95 8.2 6.9 10.3

138 18.5 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: 46.765 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

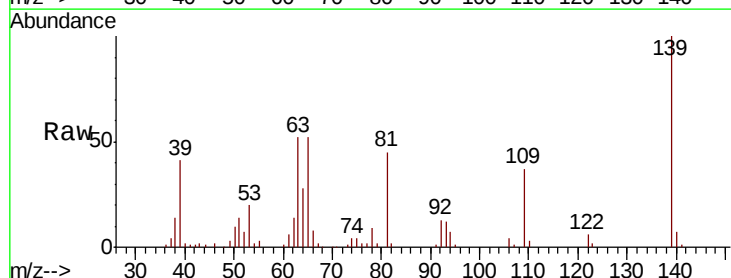
Tgt Ion: 139 Resp: 77747

Ion Ratio Lower Upper

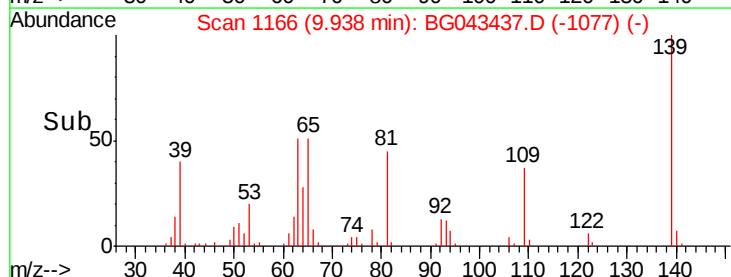
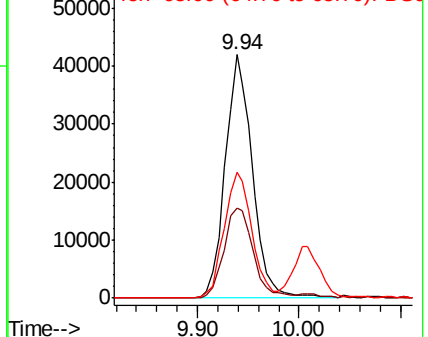
139 100

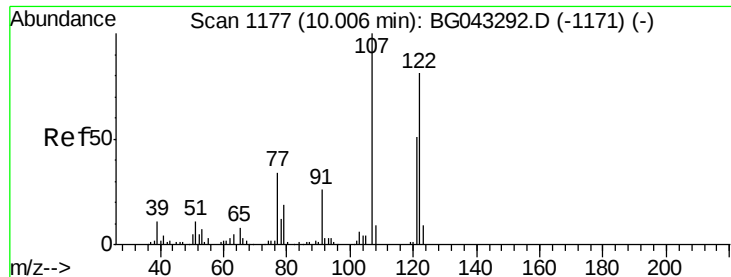
109 37.1 30.1 45.1

65 51.7 46.1 69.1



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

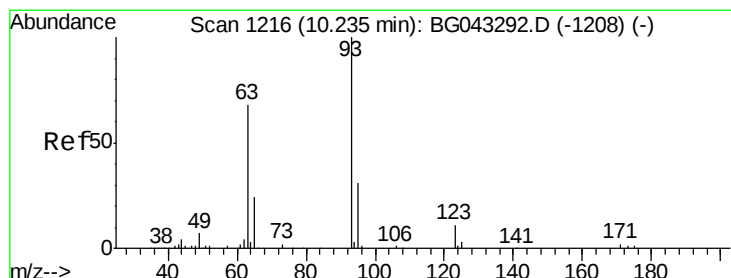
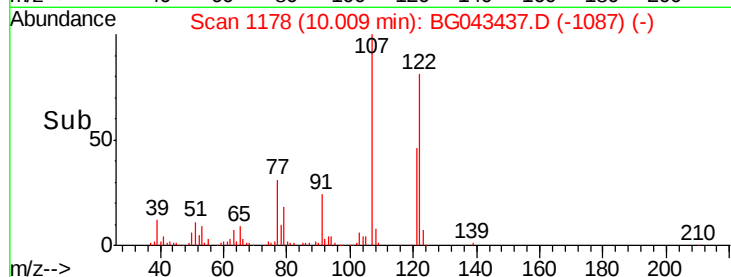
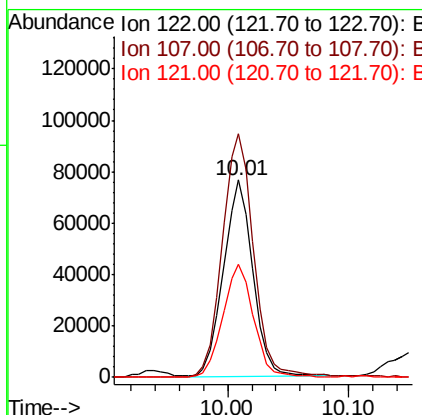
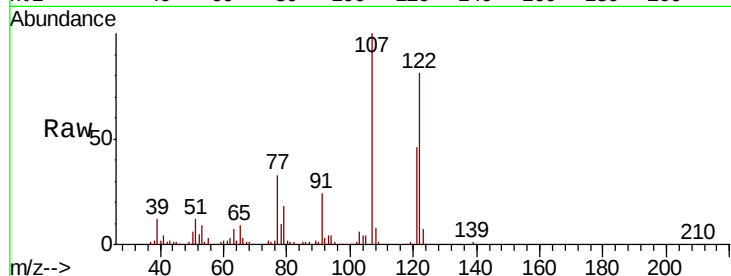




#27
 2,4-Dimethylphenol
 Concen: 54.306 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

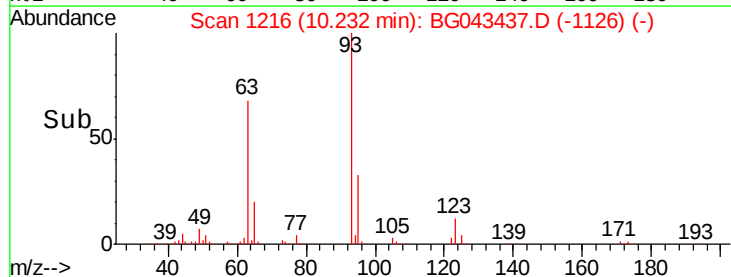
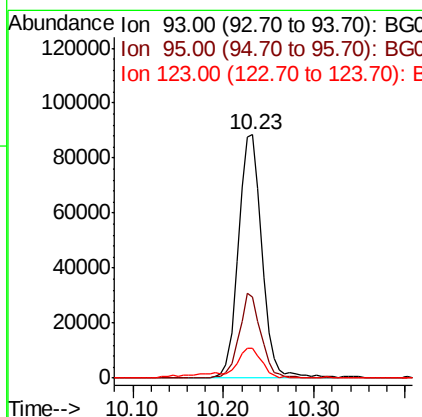
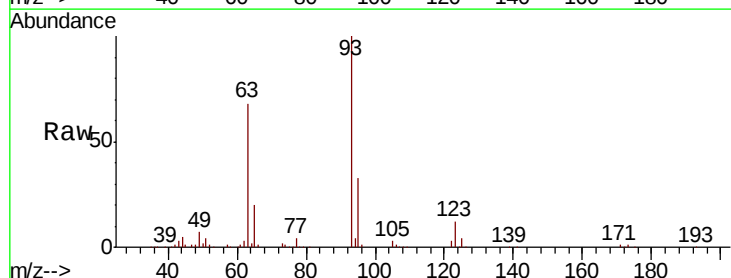
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 129402
 Ion Ratio Lower Upper
 122 100
 107 123.4 98.6 147.8
 121 57.2 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.081 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion: 93 Resp: 160791
 Ion Ratio Lower Upper
 93 100
 95 33.4 24.9 37.3
 123 12.5 8.9 13.3

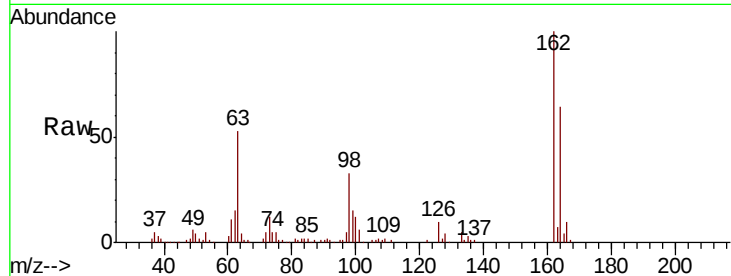




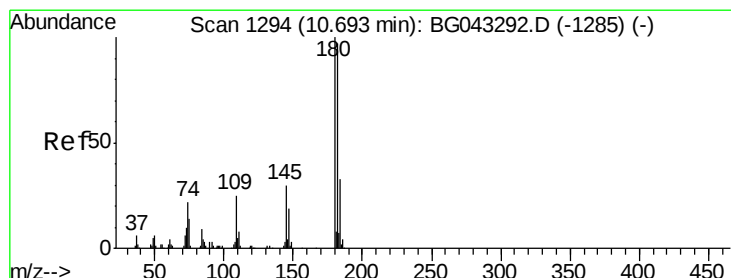
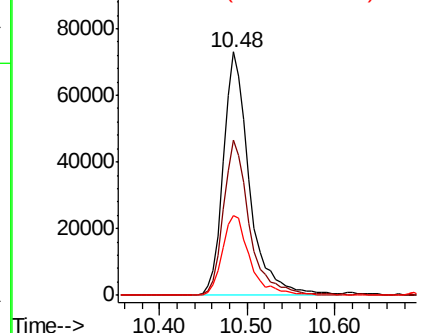
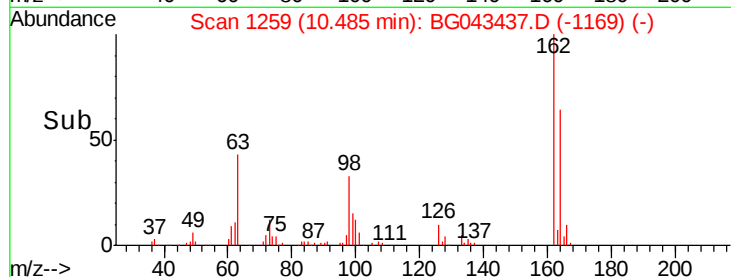
#29
 2,4-Dichlorophenol
 Concen: 49.330 ng
 RT: 10.48 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	37.3	77.3
98	32.8	11.8	51.8

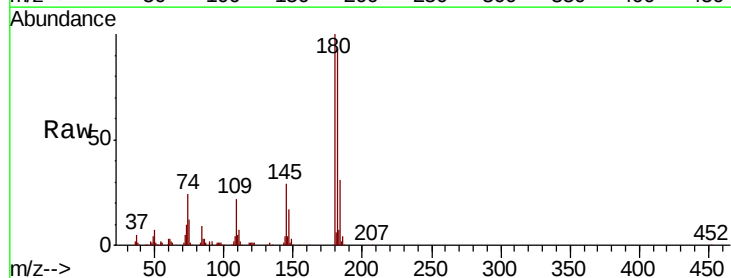


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

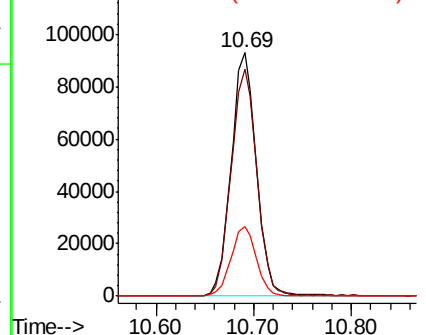
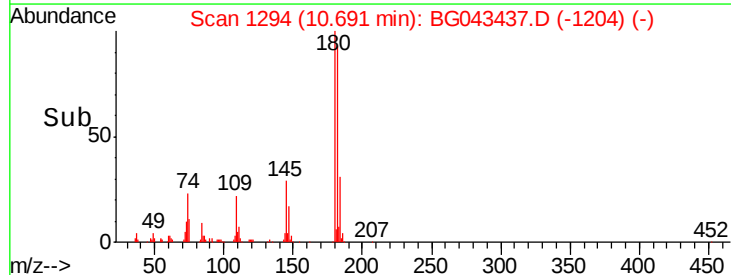


#30
 1,2,4-Trichlorobenzene
 Concen: 43.392 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.8	116.8
145	28.7	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

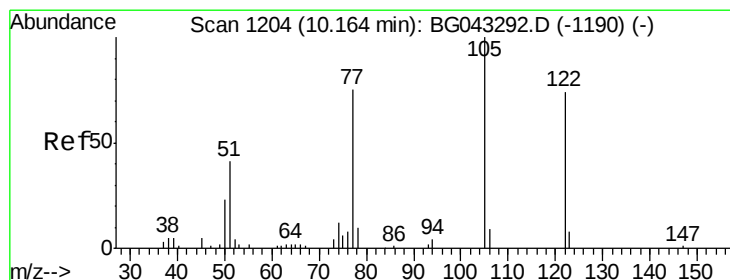
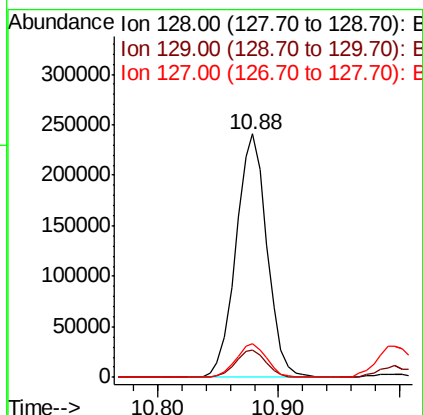
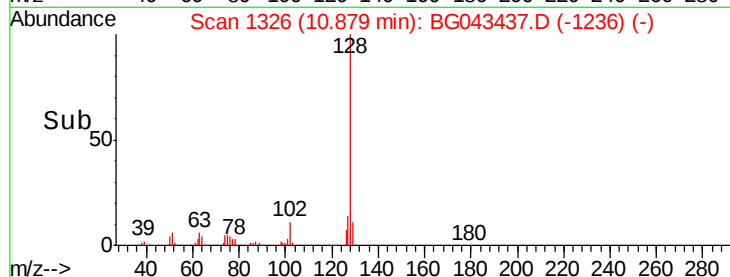
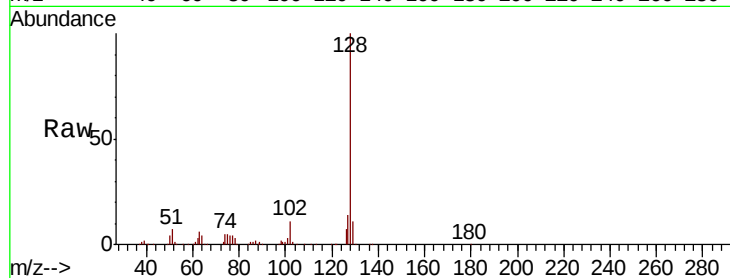




#31
Naphthalene
Concen: 45.497 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

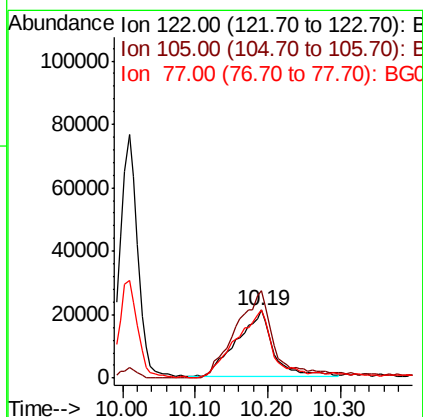
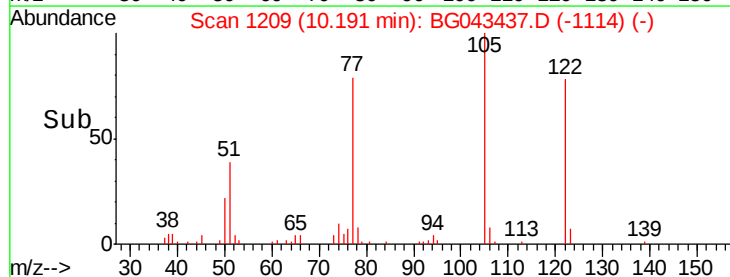
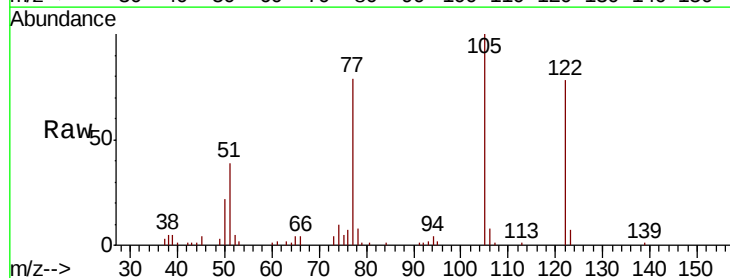
Instrument :
BNA_G
ClientSampleId :

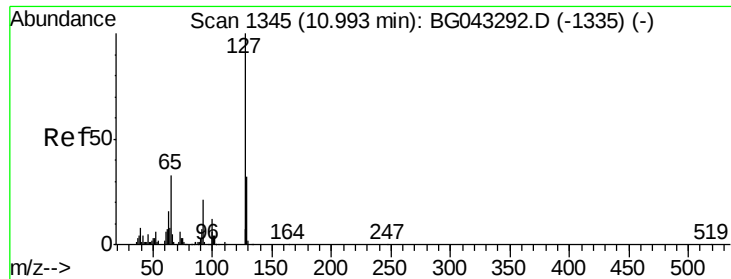
Tot Ion:128 Resp: 430392
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.8 11.5 17.3



#32
Benzoic acid
Concen: 41.511 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.03 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion:122 Resp: 72783
Ion Ratio Lower Upper
122 100
105 128.1 112.4 152.4
77 101.5 82.7 122.7

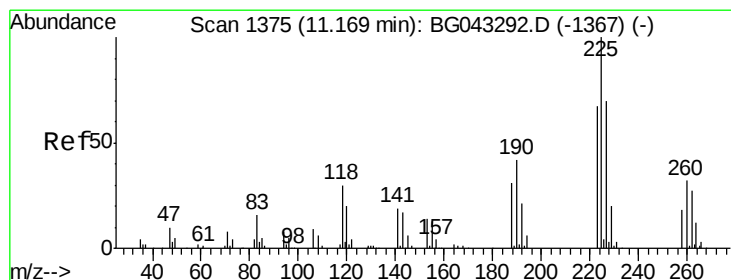
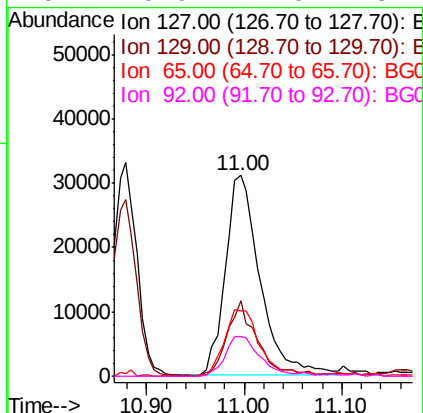
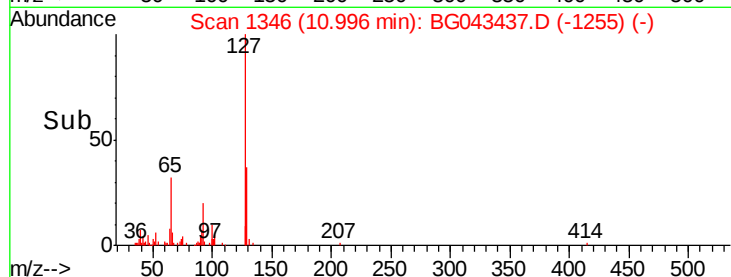
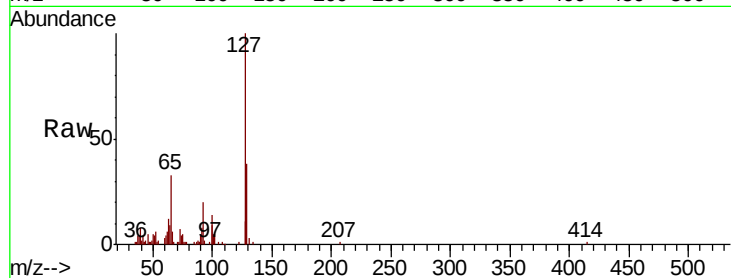




#33
4-Chloroaniline
Concen: 19.782 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

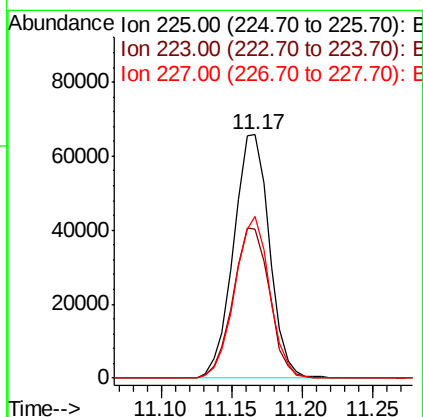
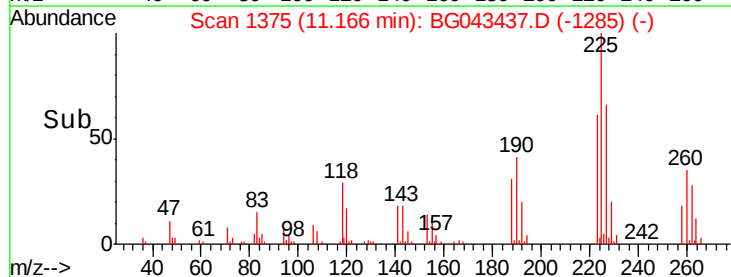
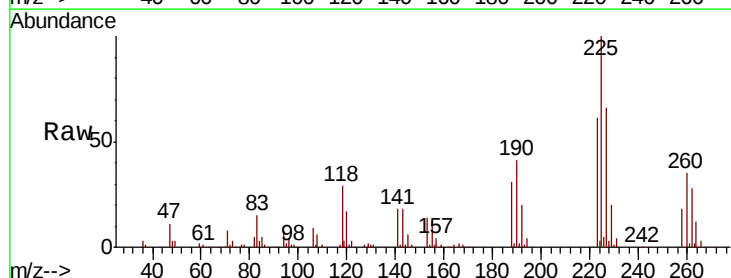
Instrument :
BNA_G
ClientSampleId :

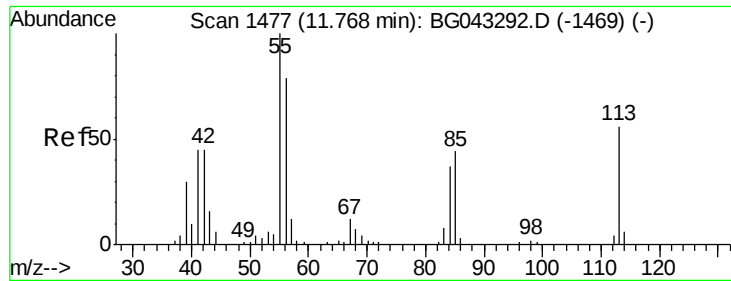
Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	37.6	25.8	38.8	
65	32.5	26.2	39.2	
92	19.9	17.0	25.4	



#34
Hexachlorobutadiene
Concen: 40.957 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	61.0	53.2	79.8	
227	66.3	56.2	84.2	





#35

Caprolactam

Concen: 20.885 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

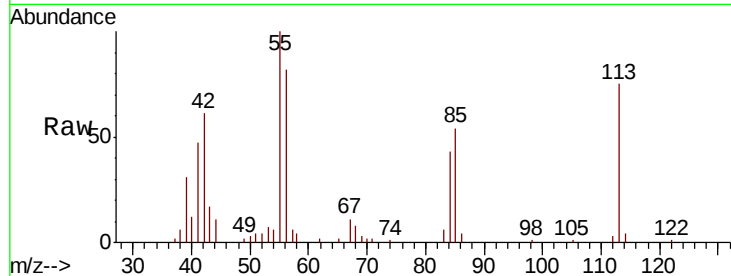
Tot Ion:113 Resp: 21960

Ion Ratio Lower Upper

113 100

55 133.6 158.9 198.9#

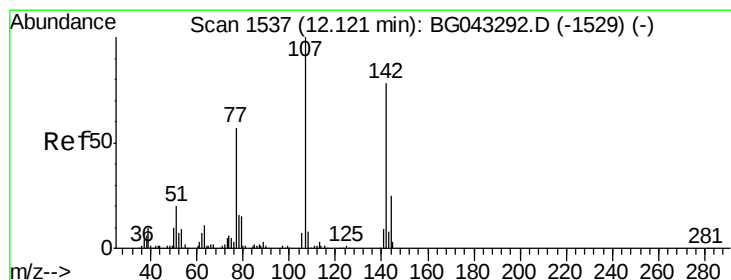
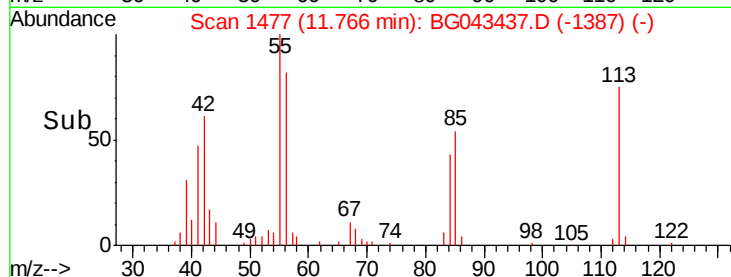
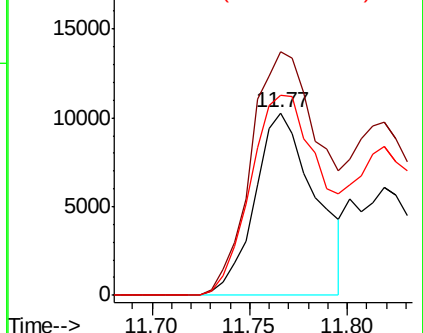
56 109.6 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.256 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

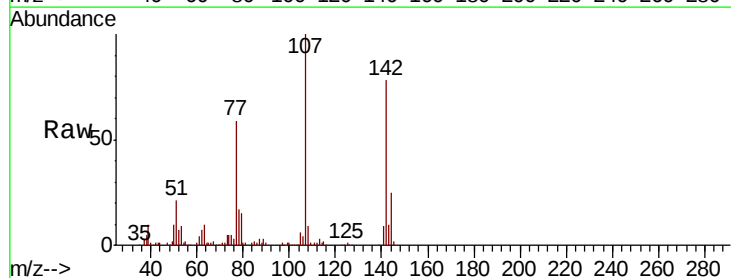
Tgt Ion:107 Resp: 157376

Ion Ratio Lower Upper

107 100

144 24.9 19.9 29.9

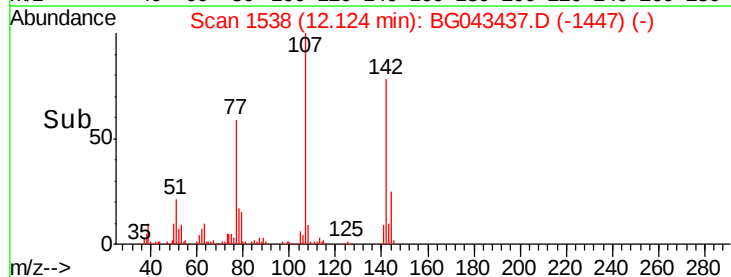
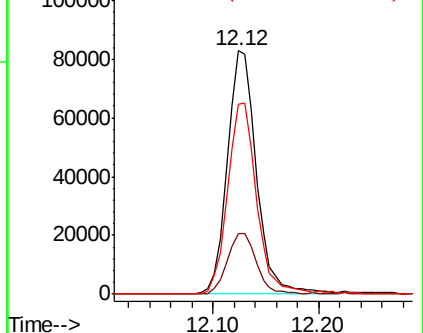
142 78.2 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

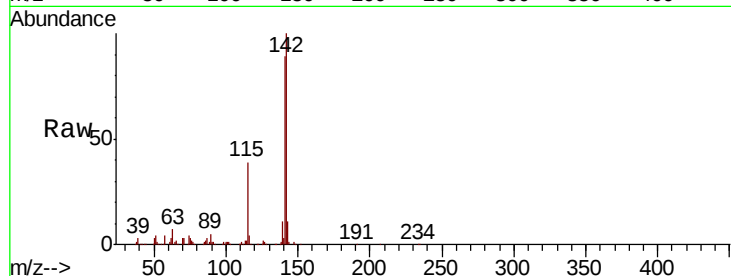




#37
2-Methylnaphthalene
Concen: 45.213 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.7	104.5
115	38.9	30.6	46.0

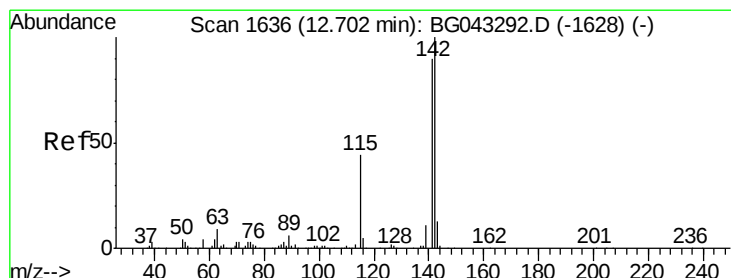
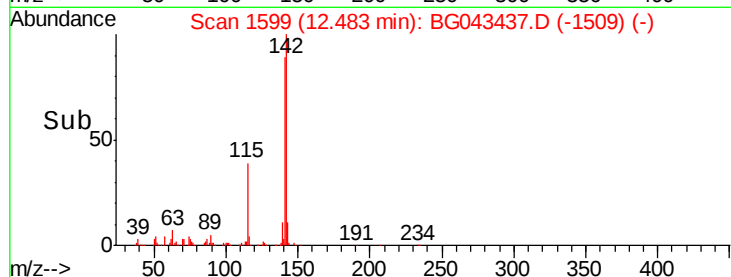
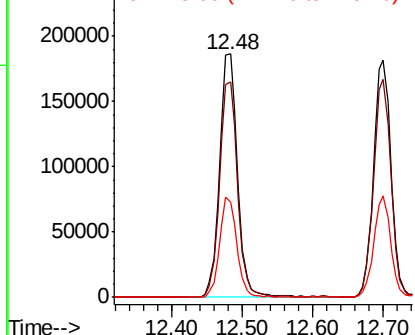


Abundance

Ion 142.00 (141.70 to 142.70): E

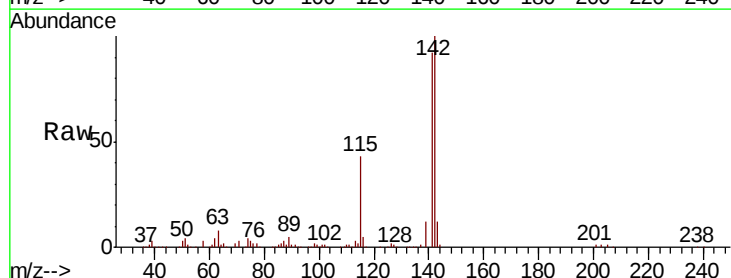
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.075 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.3	108.5
116	4.7	3.8	5.6

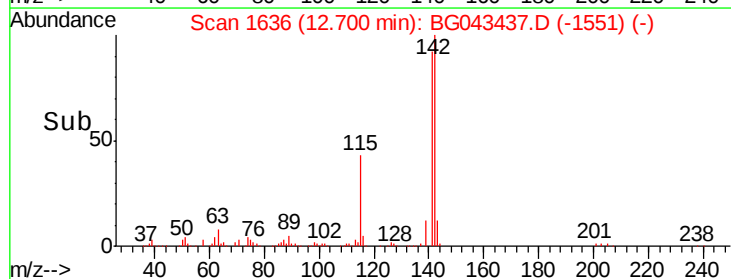
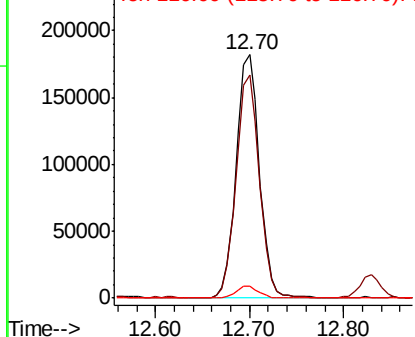


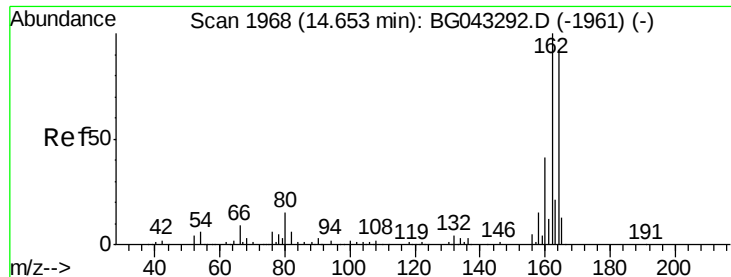
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

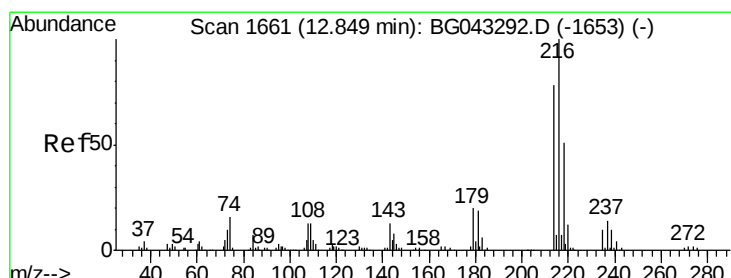
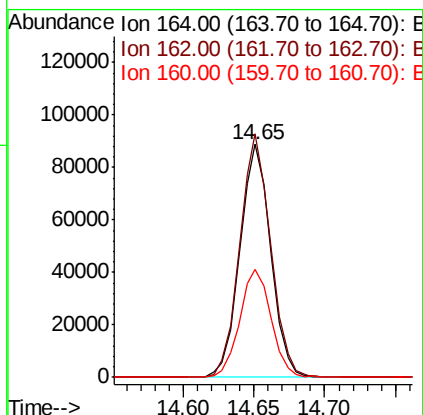
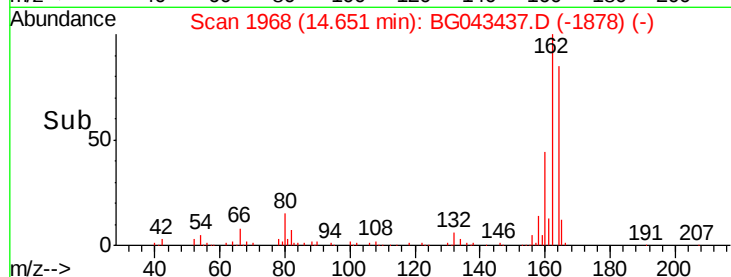
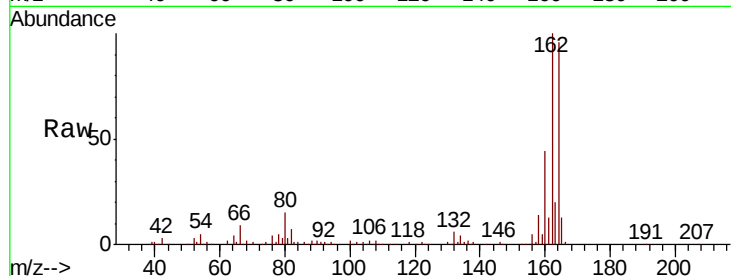
Tot Ion:164 Resp: 135219

Ion Ratio Lower Upper

164 100

162 104.4 87.0 130.4

160 46.4 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.562 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion:216 Resp: 212990

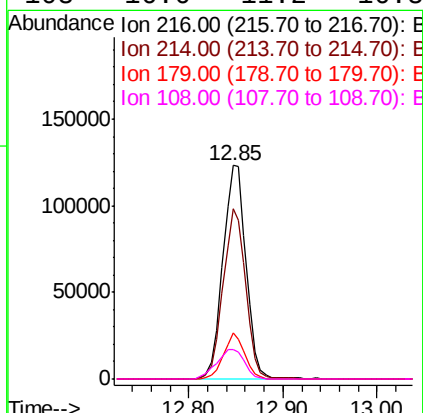
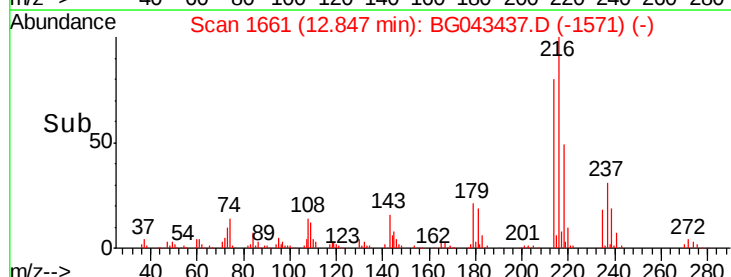
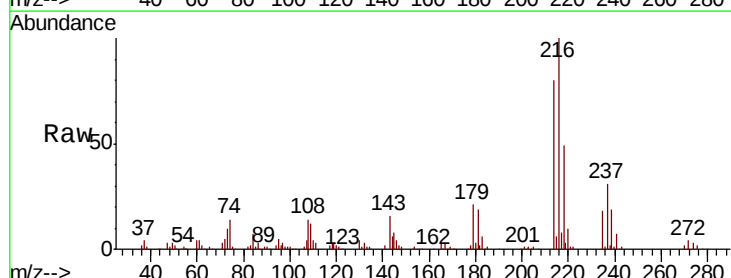
Ion Ratio Lower Upper

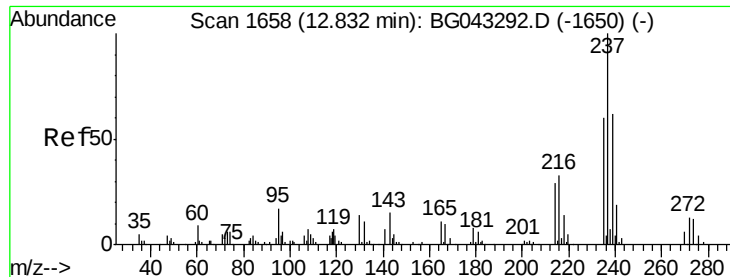
216 100

214 77.6 63.5 95.3

179 19.7 16.2 24.2

108 16.6 11.2 16.8





#41

Hexachlorocyclopentadiene

Concen: 100.508 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

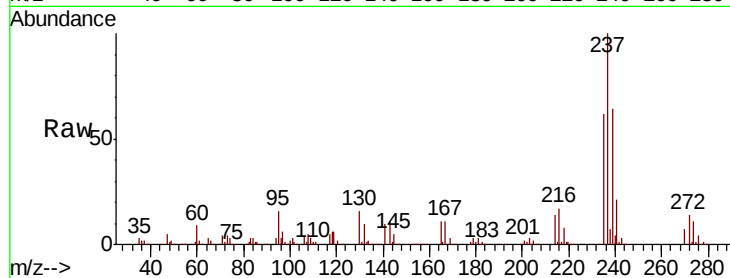
Tot Ion:237 Resp: 264211

Ion Ratio Lower Upper

237 100

235 62.4 40.3 80.3

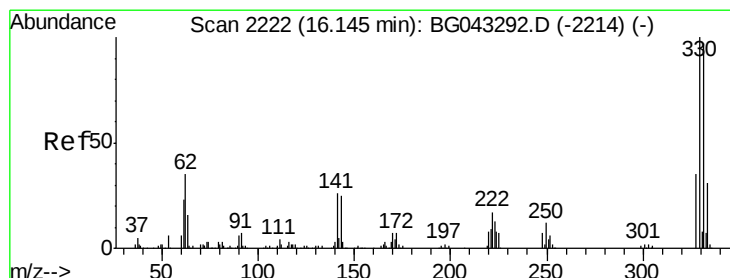
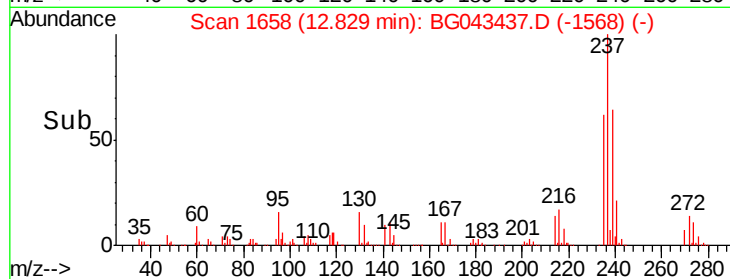
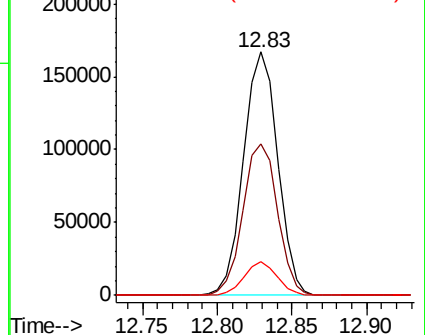
272 13.8 0.0 32.9



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: 105.068 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

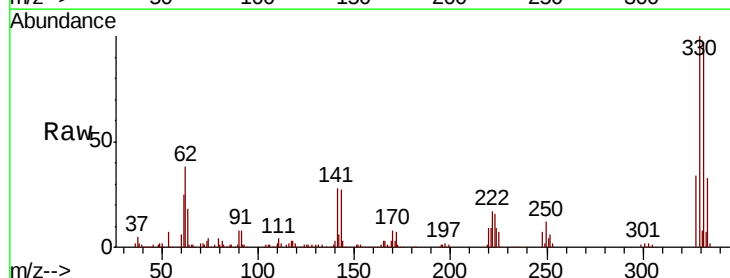
Tgt Ion:330 Resp: 270363

Ion Ratio Lower Upper

330 100

332 95.7 76.4 114.6

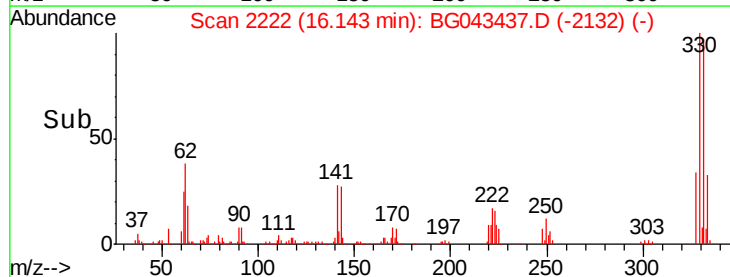
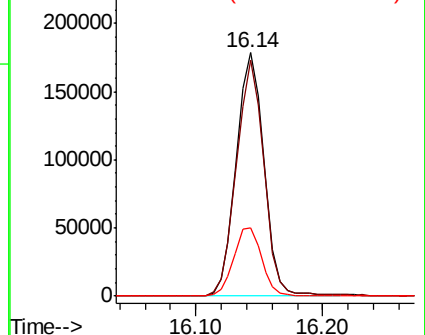
141 28.5 21.4 32.0



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

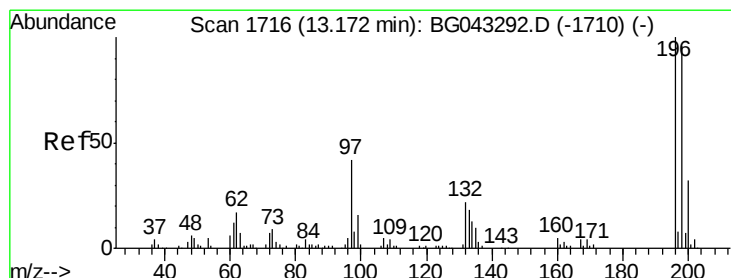
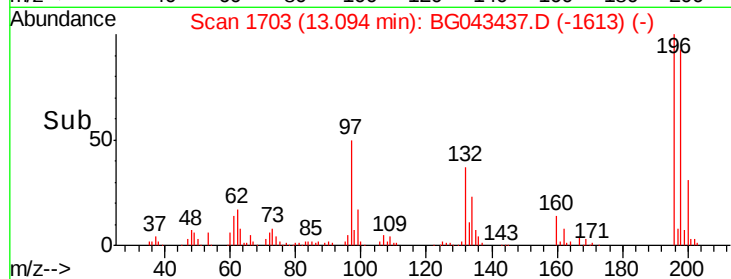
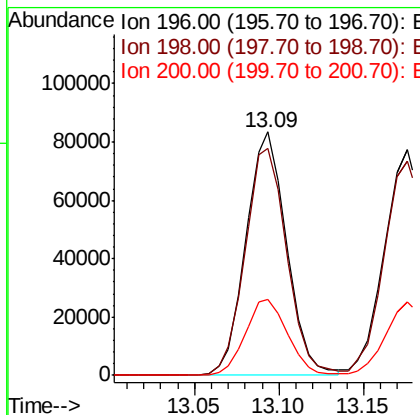
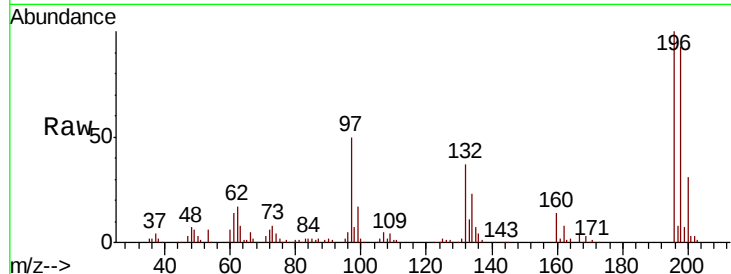




#43
 2,4,6-Trichlorophenol
 Concen: 47.221 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

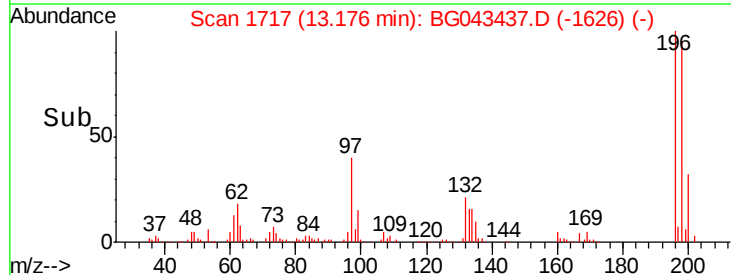
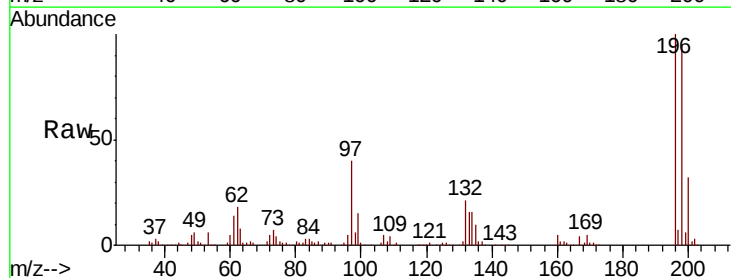
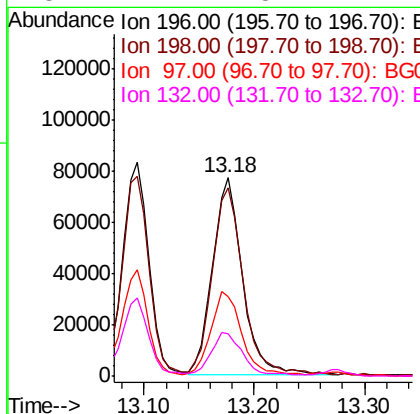
Instrument :
 BNA_G
 ClientSampled :

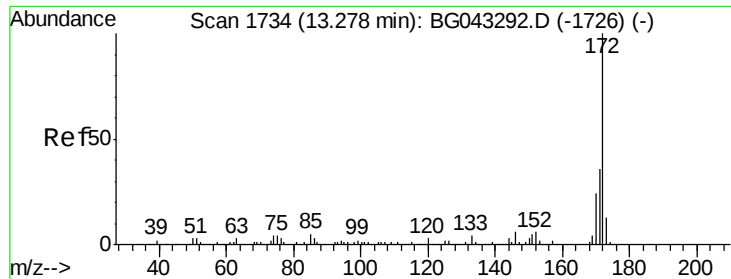
Tot Ion	196	Resp	139162
Ion Ratio	Lower	Upper	
196	100		
198	93.3	77.0	115.4
200	31.3	27.4	41.2



#44
 2,4,5-Trichlorophenol
 Concen: 48.621 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	196	Resp	144863
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.6	114.8
97	39.8	34.1	51.1
132	21.2	18.2	27.4

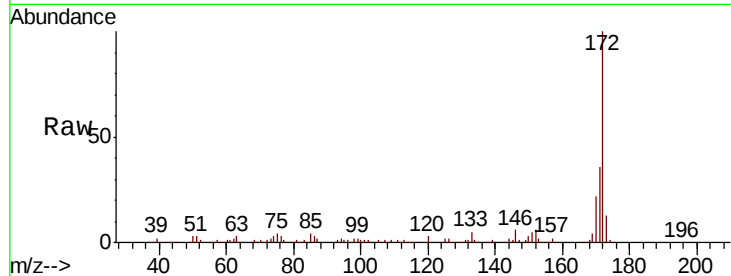




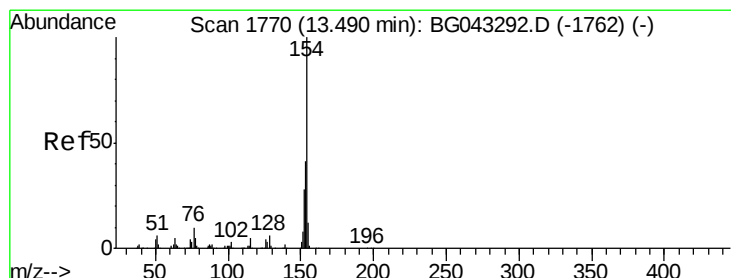
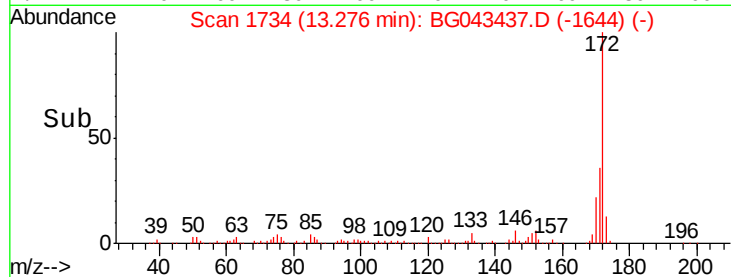
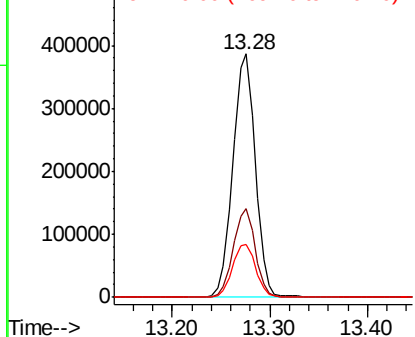
#45
2-Fluorobiphenyl
Concen: 63.023 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 616722
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 21.8 18.8 28.2

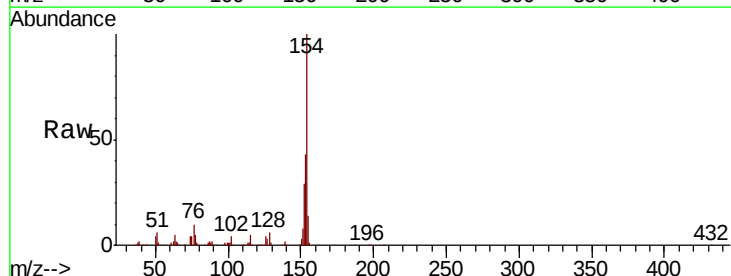


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

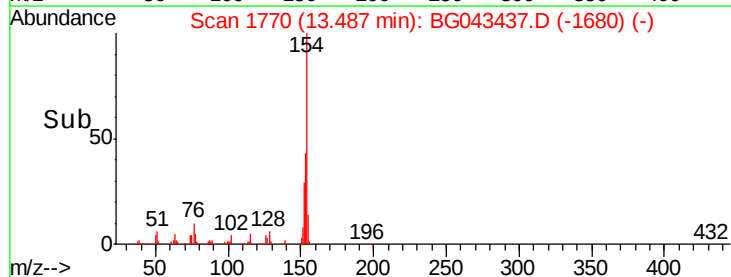
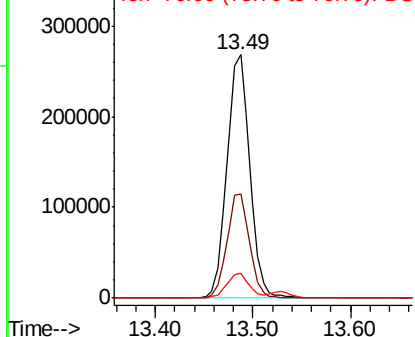


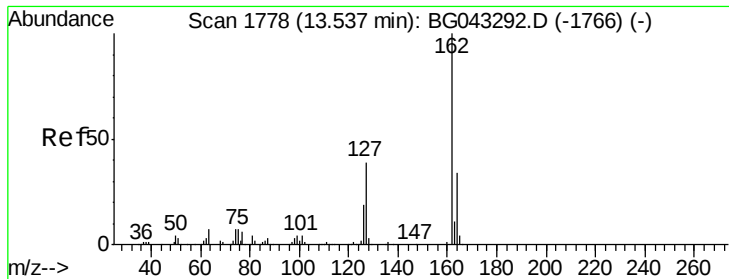
#46
1,1'-Biphenyl
Concen: 42.262 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion:154 Resp: 434738
Ion Ratio Lower Upper
154 100
153 42.5 21.0 61.0
76 10.0 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

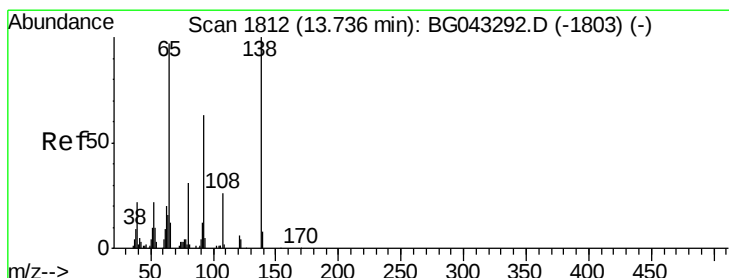
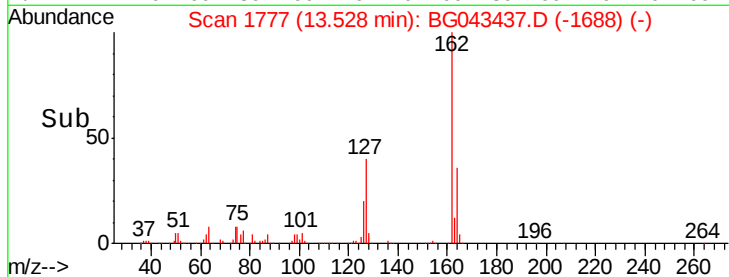
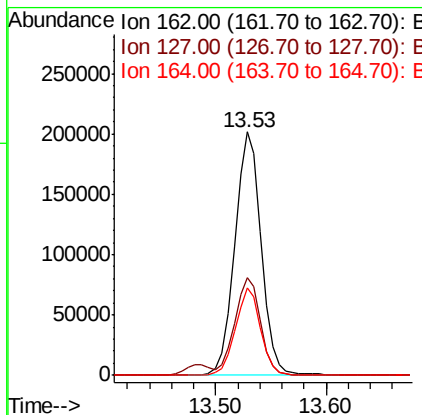
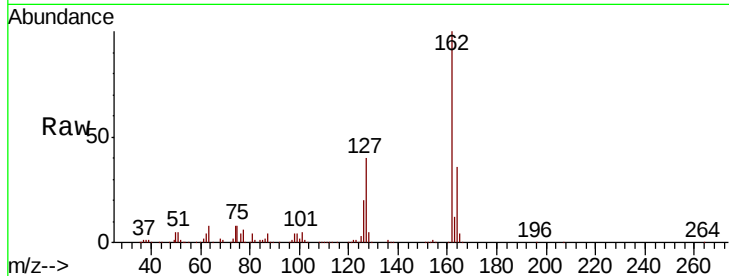




#47
 2-Chloronaphthalene
 Concen: 43.149 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

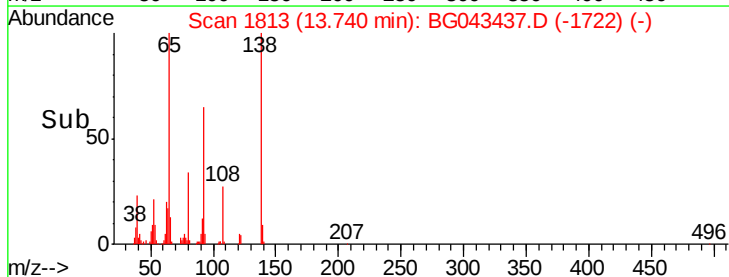
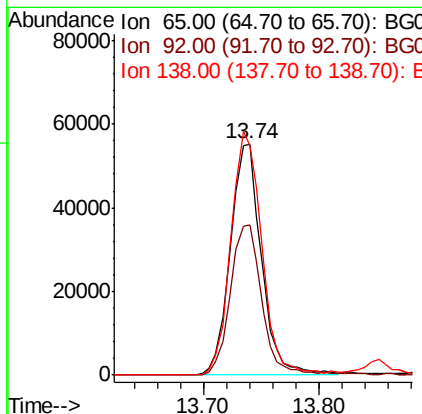
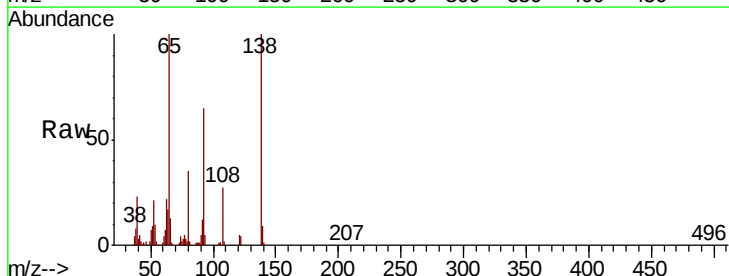
Instrument :
 BNA_G
 ClientSampled :

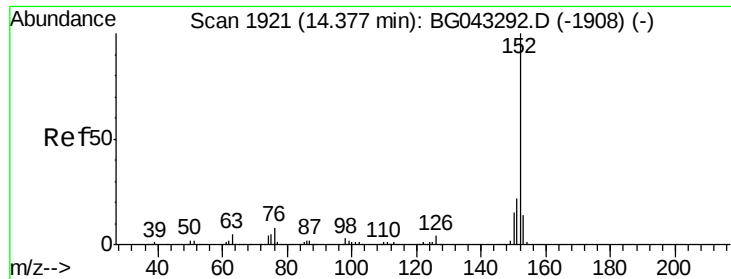
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.3	46.9
164	36.1	26.8	40.2



#48
 2-Nitroaniline
 Concen: 44.261 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	52.6	79.0
138	99.7	82.9	124.3





#49

Acenaphthylene

Concen: 44.796 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

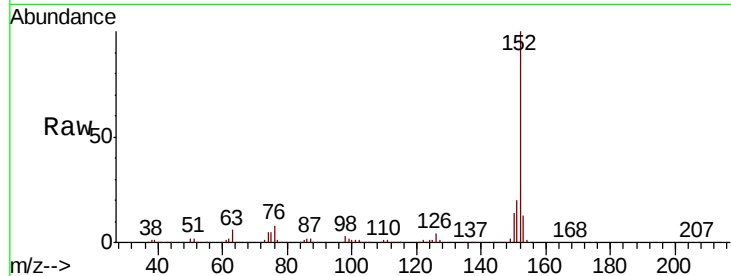
Tot Ion:152 Resp: 545677

Ion Ratio Lower Upper

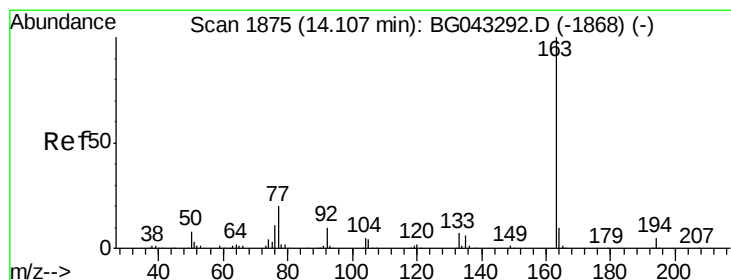
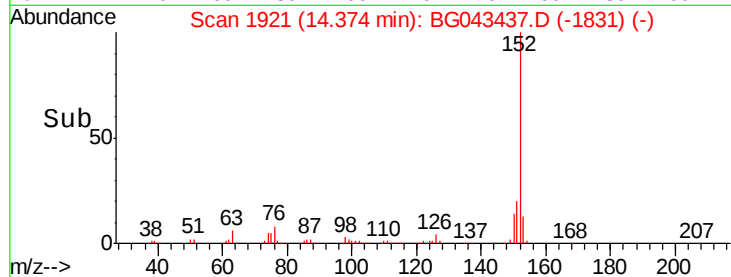
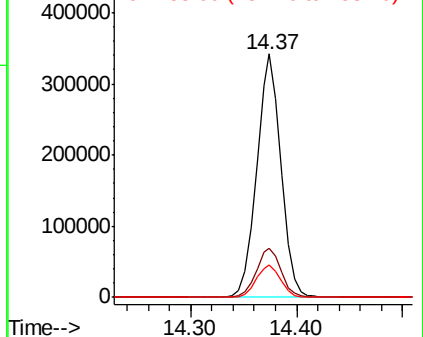
152 100

151 20.3 17.2 25.8

153 13.3 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: 48.921 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

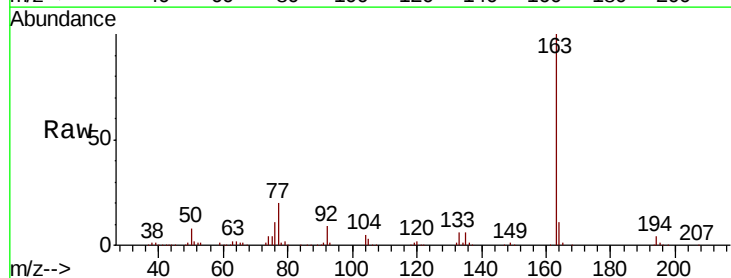
Tgt Ion:163 Resp: 512384

Ion Ratio Lower Upper

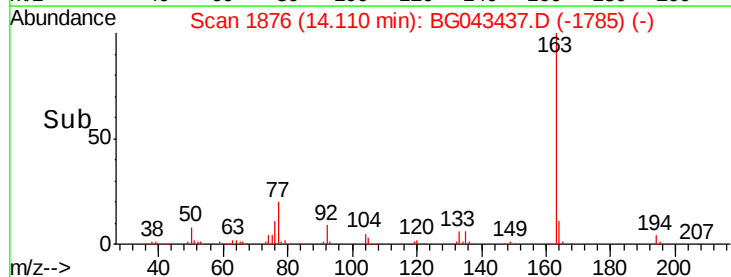
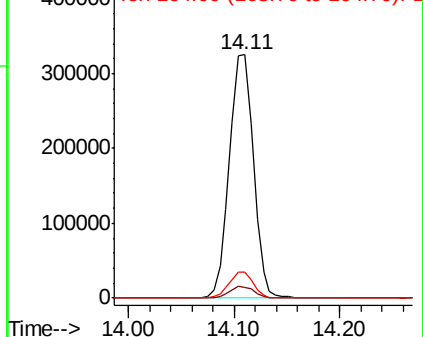
163 100

194 4.3 3.7 5.5

164 10.6 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

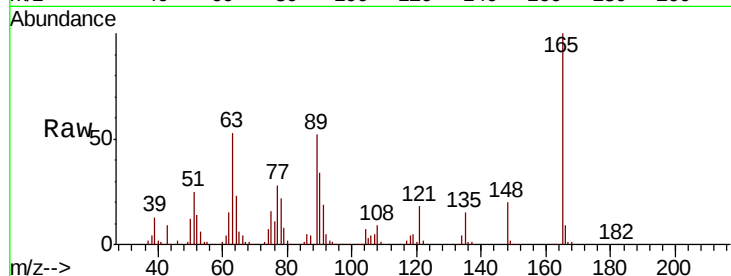




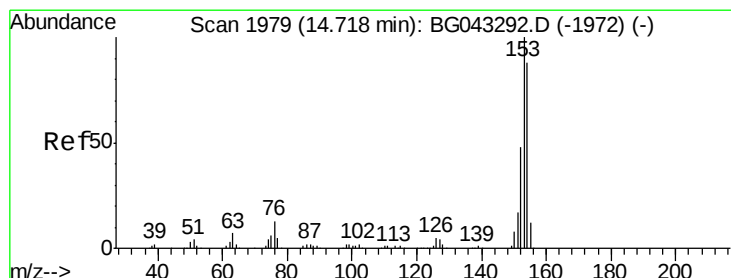
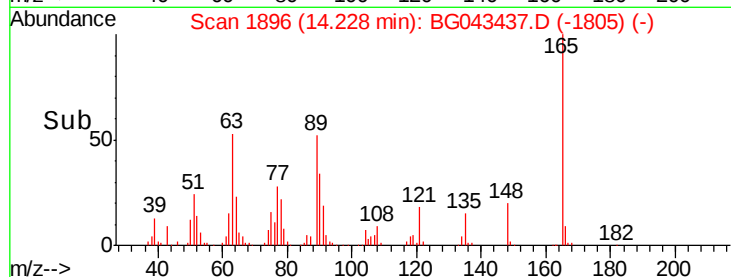
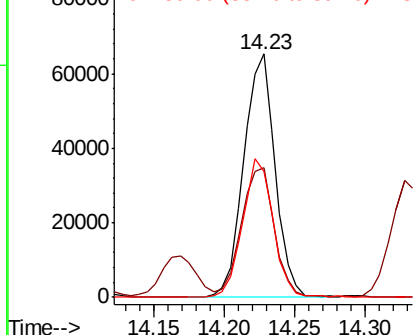
#51
2,6-Dinitrotoluene
Concen: 44.586 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 101451
Ion Ratio Lower Upper
165 100
63 53.5 47.1 70.7
89 51.9 43.7 65.5

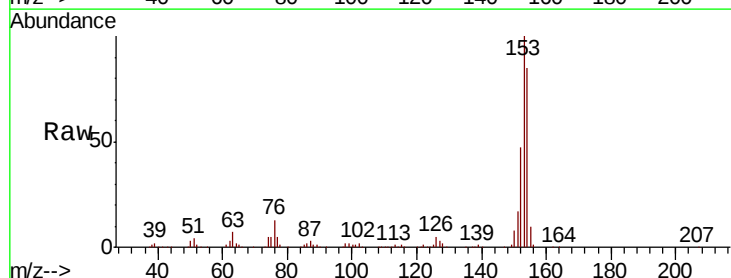


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

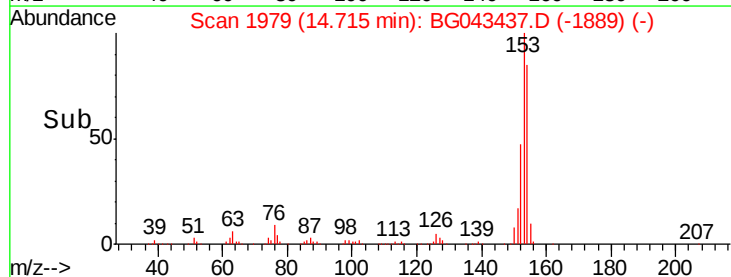
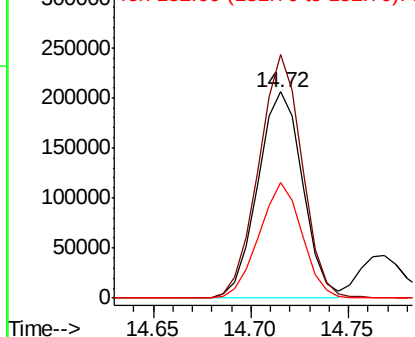


#52
Acenaphthene
Concen: 43.875 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion:154 Resp: 325929
Ion Ratio Lower Upper
154 100
153 118.2 90.9 136.3
152 56.0 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

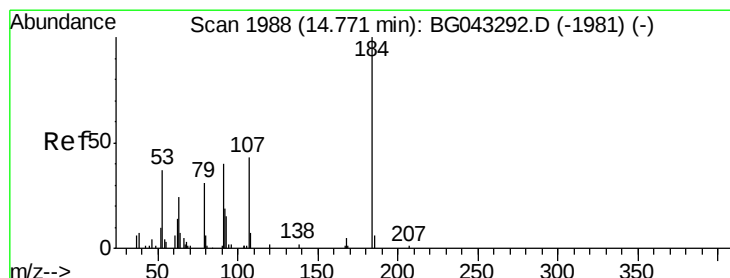
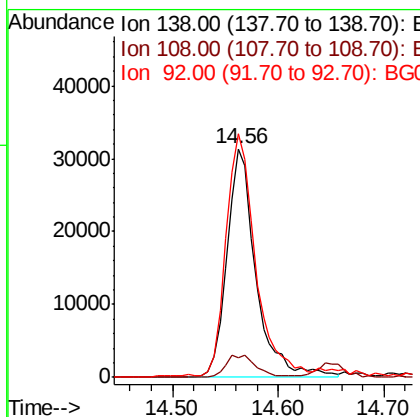
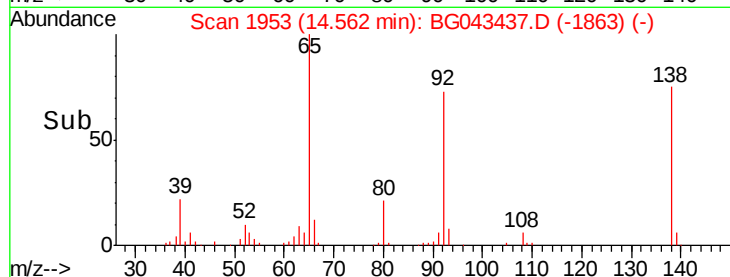
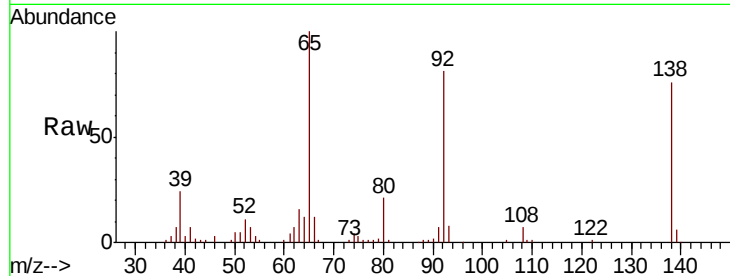




#53
 3-Nitroaniline
 Concen: 27.033 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

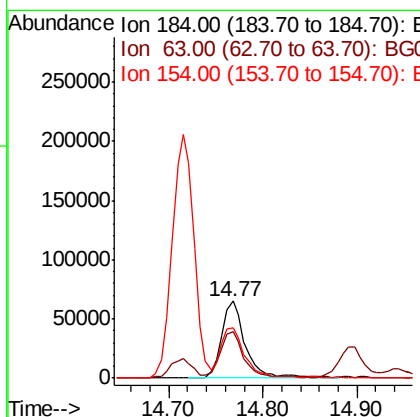
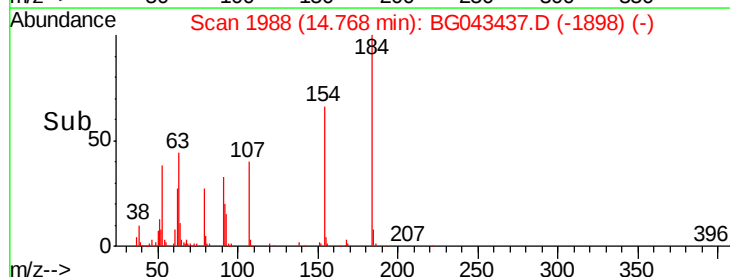
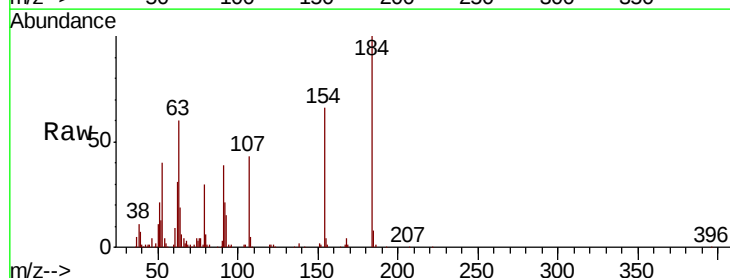
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 59386
 Ion Ratio Lower Upper
 138 100
 108 8.9 9.8 14.6#
 92 106.5 95.8 143.6



#54
 2,4-Dinitrophenol
 Concen: 80.821 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion:184 Resp: 114953
 Ion Ratio Lower Upper
 184 100
 63 60.3 48.8 73.2
 154 65.5 49.4 74.0

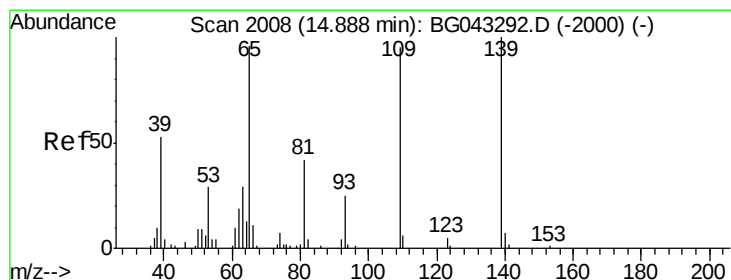
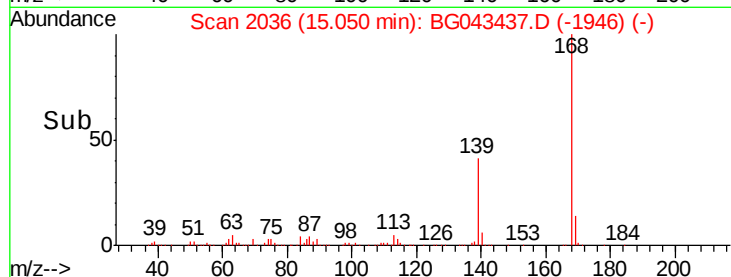
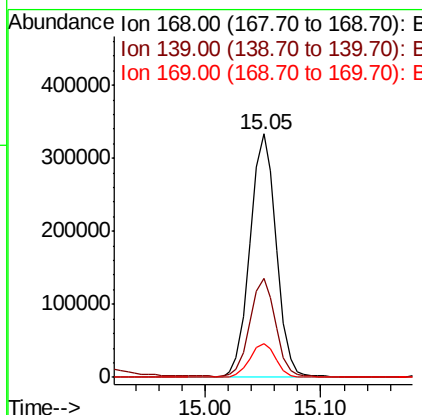
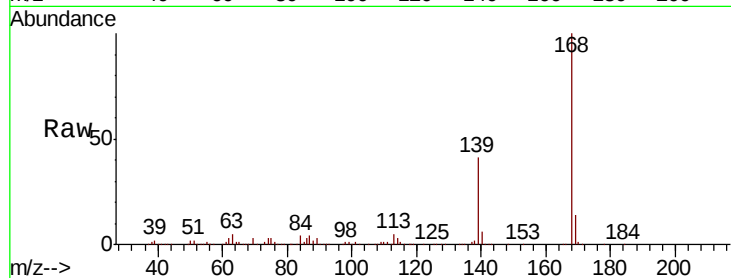




#55
Dibenzofuran
Concen: 43.907 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

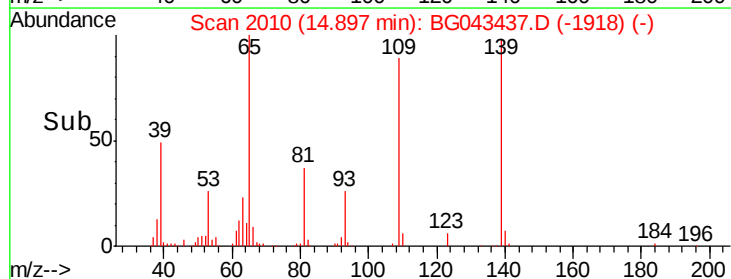
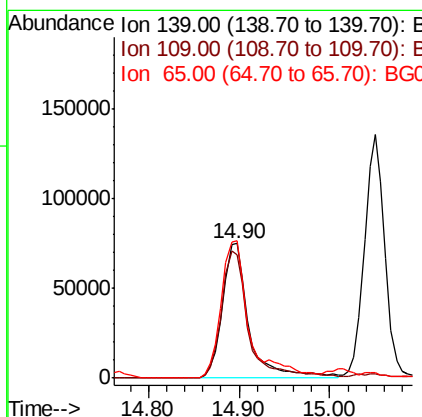
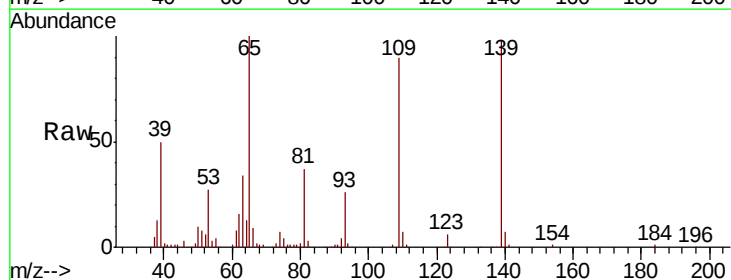
Instrument :
BNA_G
ClientSampleId :

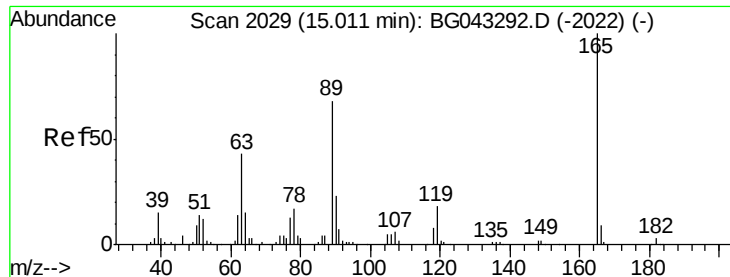
Tot Ion:168 Resp: 528941
Ion Ratio Lower Upper
168 100
139 40.6 31.7 47.5
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 103.503 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion:139 Resp: 152374
Ion Ratio Lower Upper
139 100
109 91.4 75.4 115.4
65 102.1 76.6 116.6

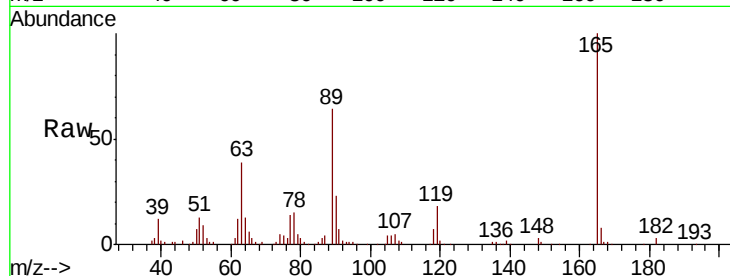




#57
2,4-Dinitrotoluene
Concen: 45.239 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.8	35.0	52.6
89	63.7	54.1	81.1
182	3.2	2.2	3.2



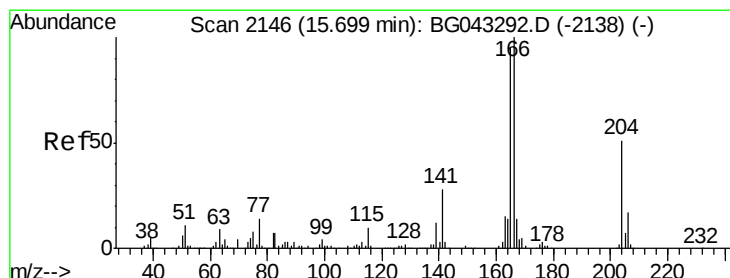
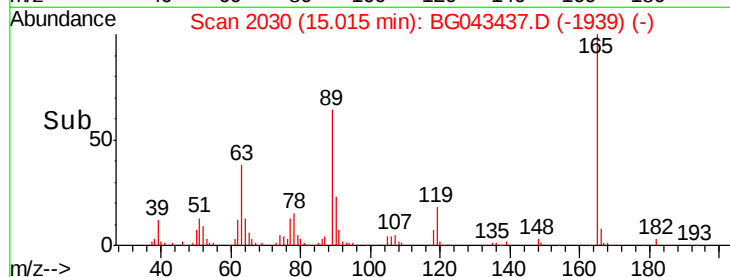
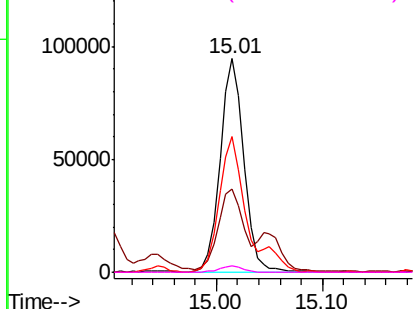
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

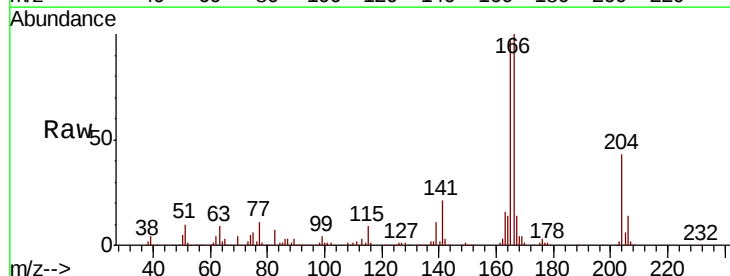
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.268 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	76.4	114.6
167	14.1	11.1	16.7

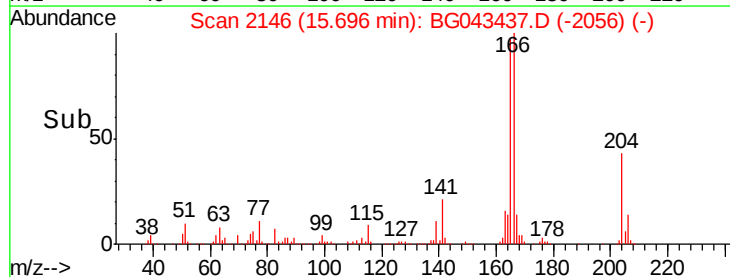
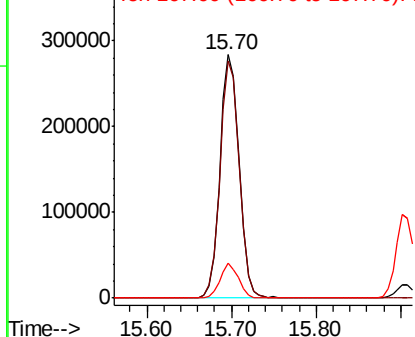


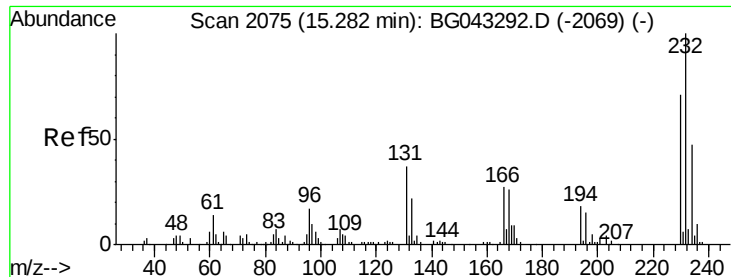
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

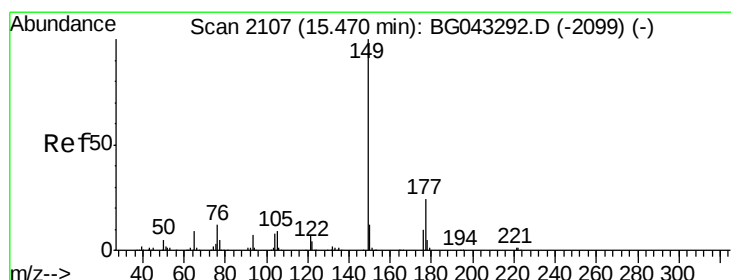
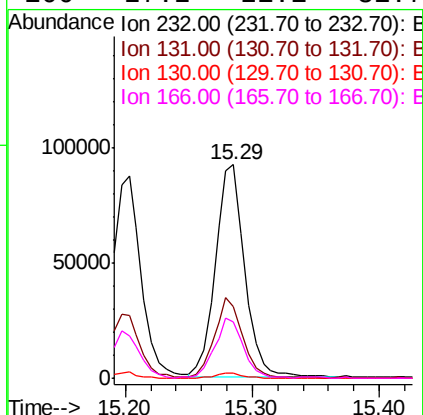
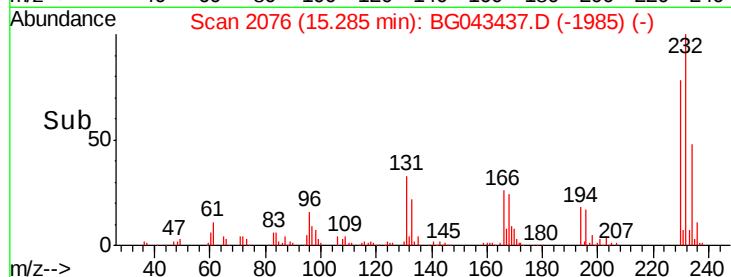
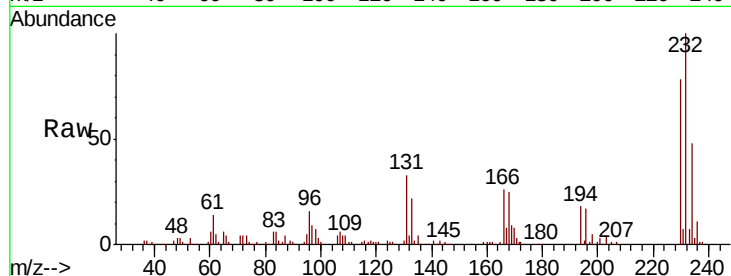




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.744 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

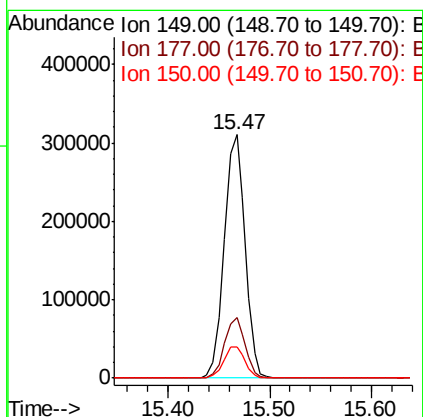
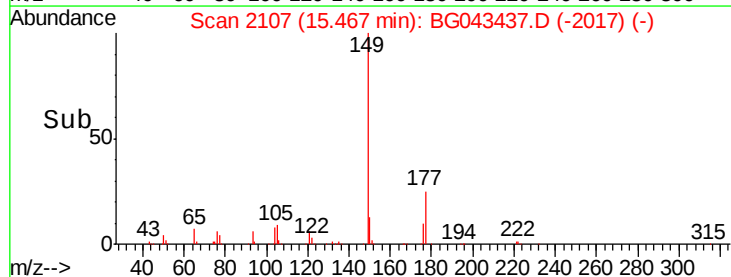
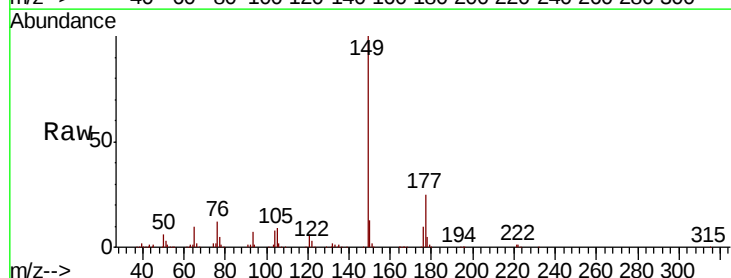
Instrument :
 BNA_G
 ClientSampleId :

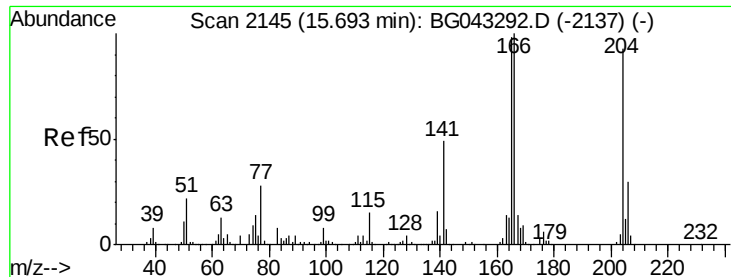
Tot Ion	Ratio	Lower	Upper
232	100		
131	35.7	28.7	43.1
130	2.3	0.6	0.8
166	27.2	21.1	31.7



#60
 Diethylphthalate
 Concen: 41.936 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	19.0	28.4
150	13.0	9.4	14.0

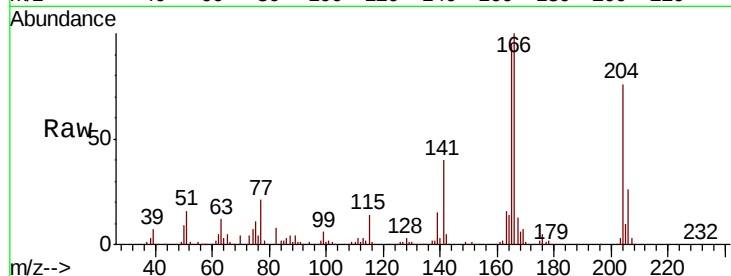




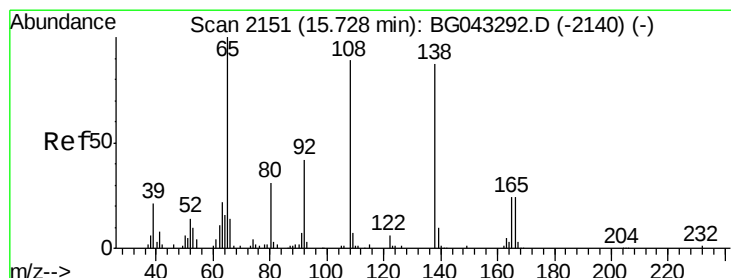
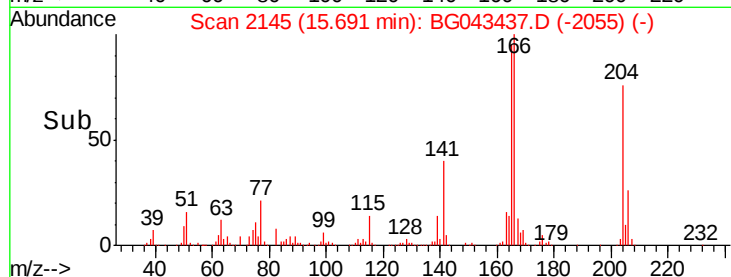
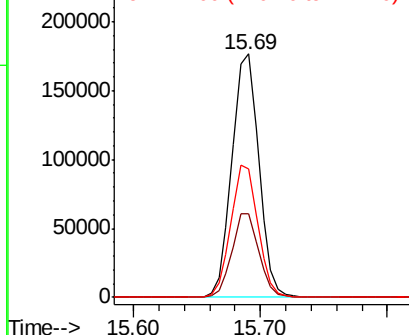
#61
 4-Chlorophenyl-phenylether
 Concen: 44.082 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	204	Resp:	259829
Ion	Ratio	Lower	Upper
204	100		
206	34.5	25.7	38.5
141	52.9	42.3	63.5

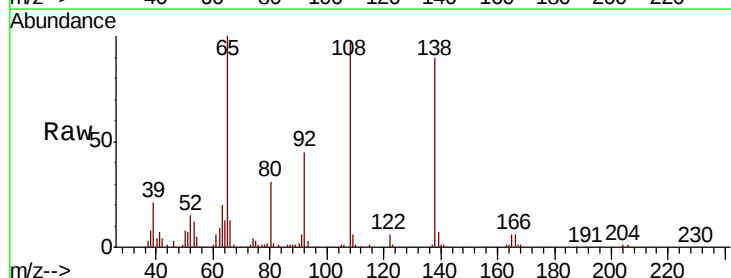


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

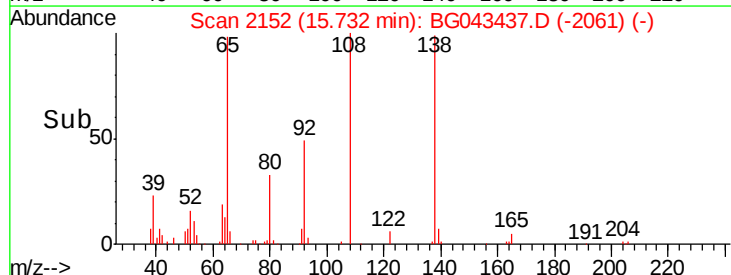
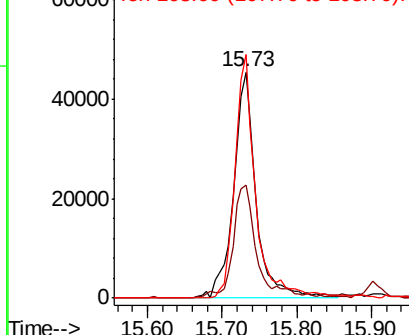


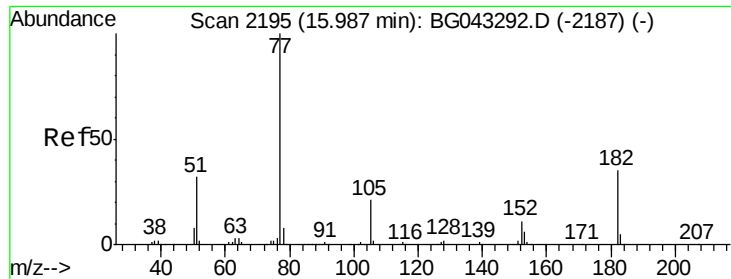
#62
 4-Nitroaniline
 Concen: 42.110 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion:	138	Resp:	95538
Ion	Ratio	Lower	Upper
138	100		
92	49.9	28.8	68.8
108	107.7	82.7	122.7



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

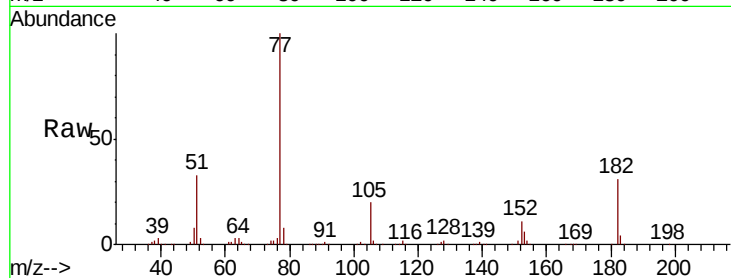




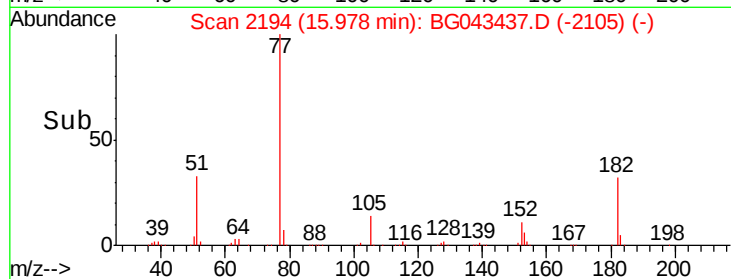
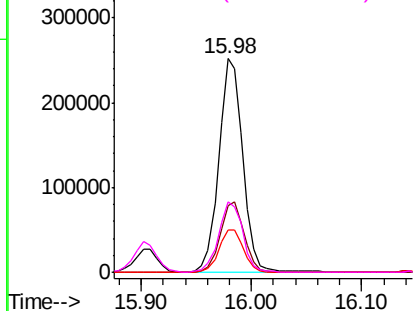
#63
Azobenzene
Concen: 44.248 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	376864
Ion	Ratio	Lower	Upper
77	100		
182	31.1	14.9	54.9
105	20.0	0.6	40.6
51	33.1	12.5	52.5

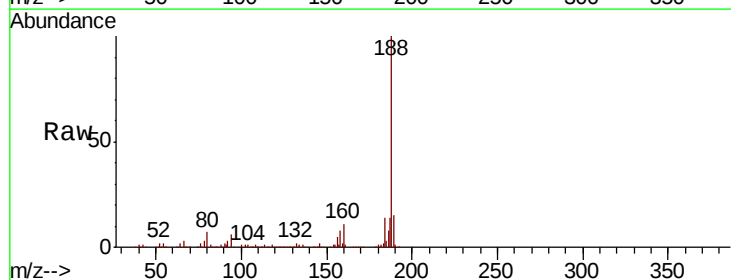


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

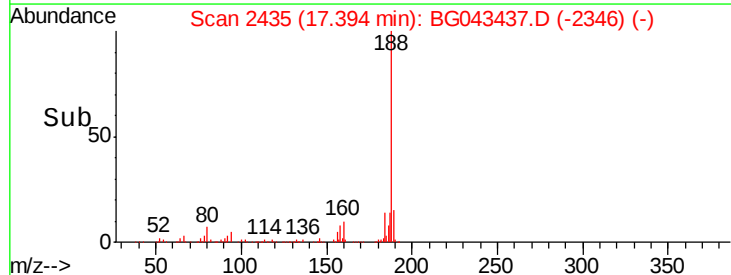
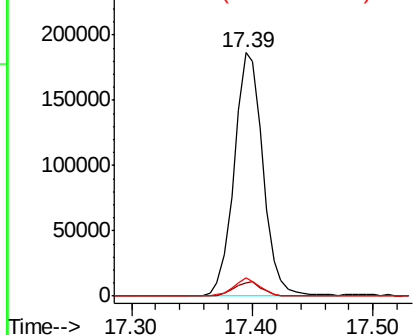


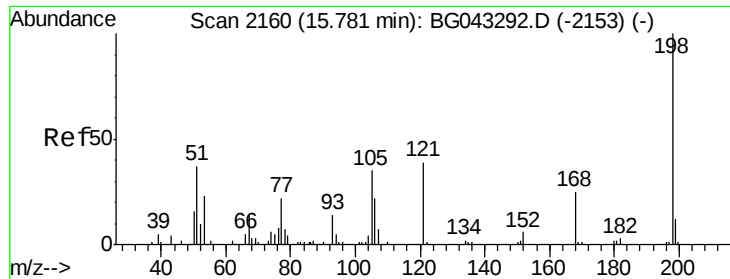
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion:	188	Resp:	309532
Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.2
80	7.4	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

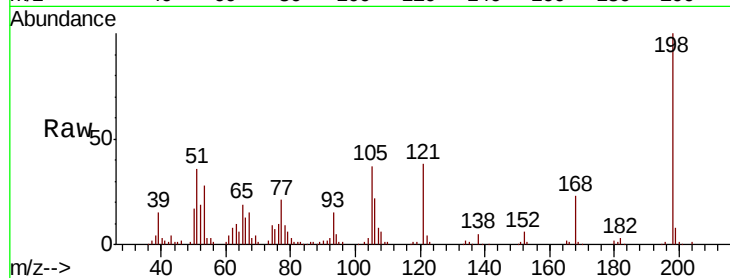




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.515 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.3	21.4	61.4
105	37.0	16.5	56.5

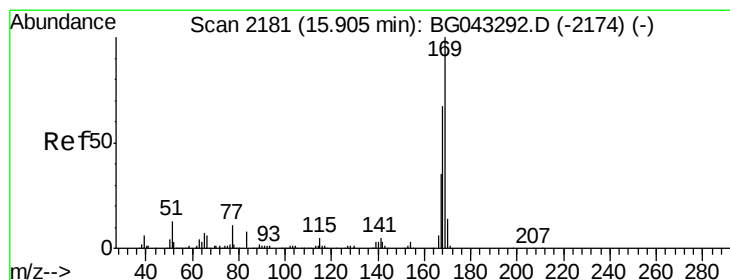
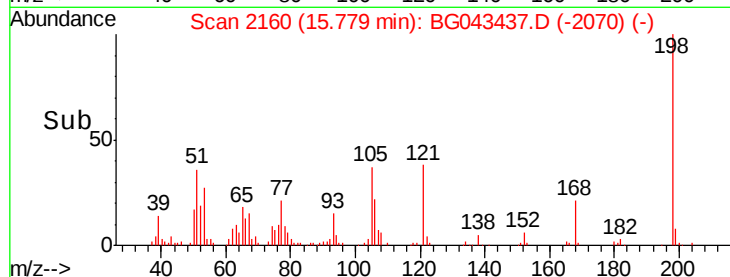
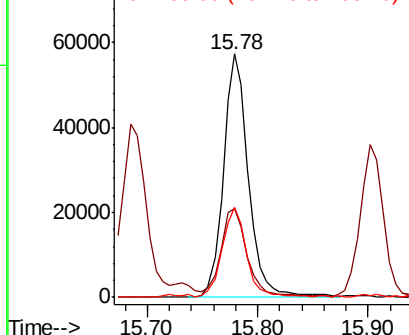


Abundance

Ion 198.00 (197.70 to 198.70): E

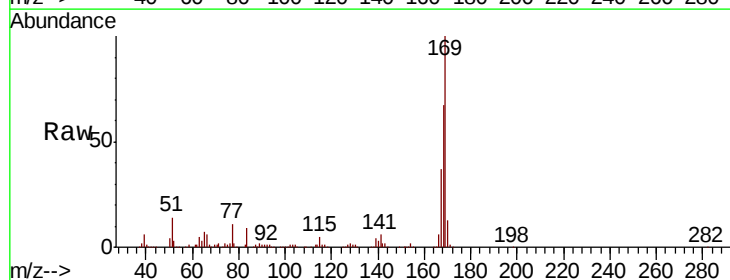
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 45.057 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.9	80.9
167	37.1	28.3	42.5

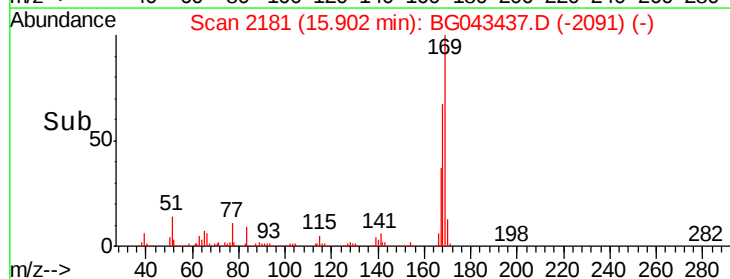
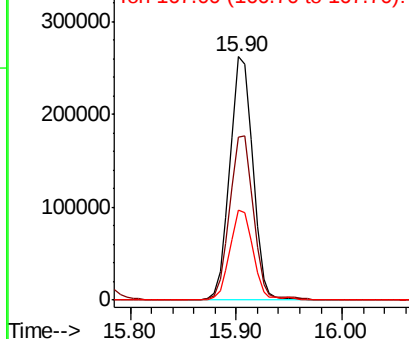


Abundance

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

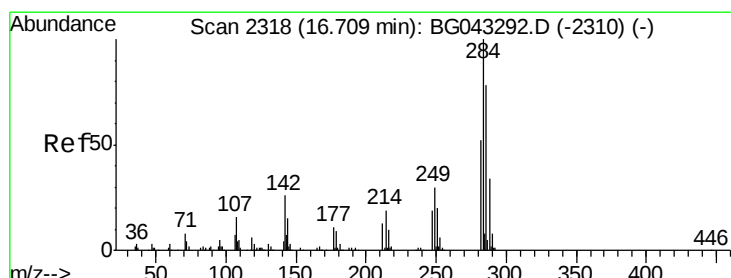
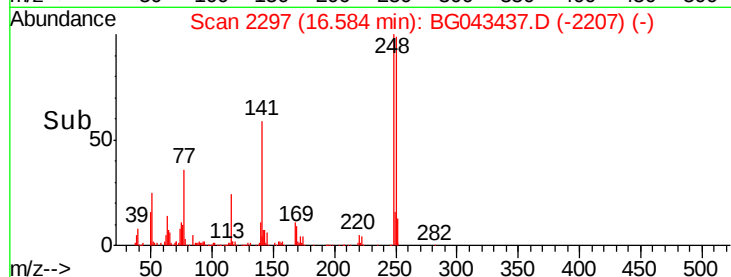
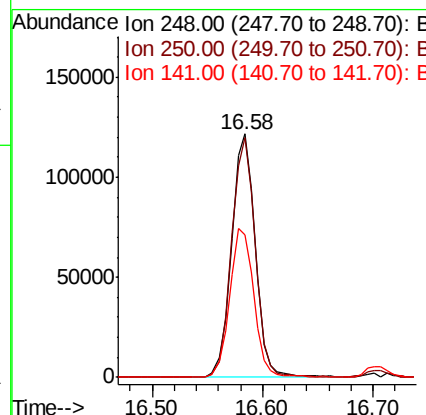
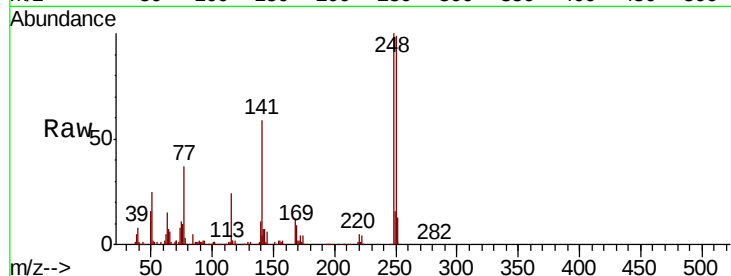




#67
4-Bromophenyl-phenylether
Concen: 44.024 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

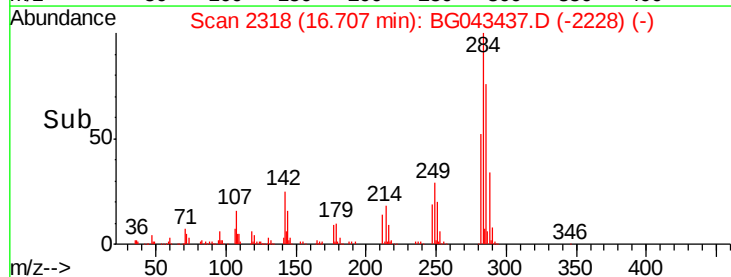
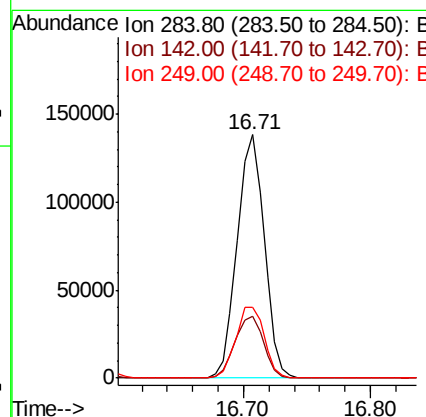
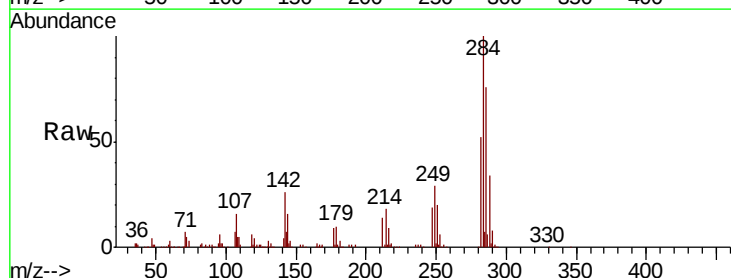
Instrument :
BNA_G
ClientSampleId :

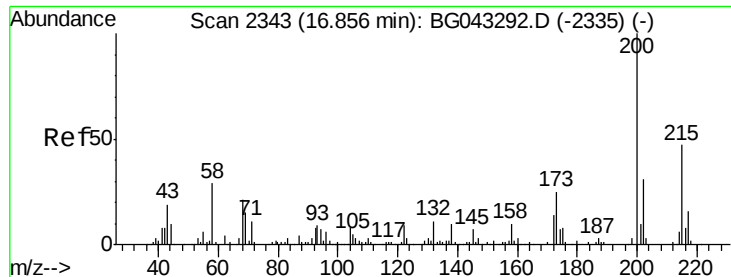
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.3	118.9
141	58.7	47.9	71.9



#68
Hexachlorobenzene
Concen: 42.861 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	21.1	31.7
249	29.2	24.4	36.6

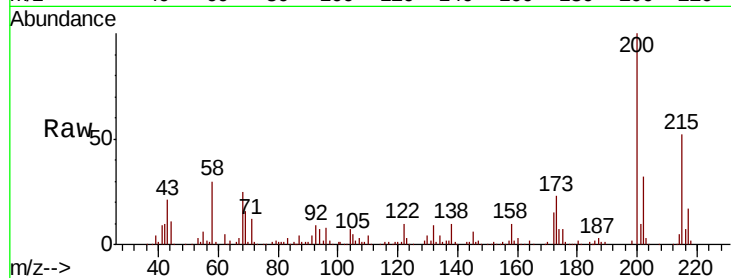




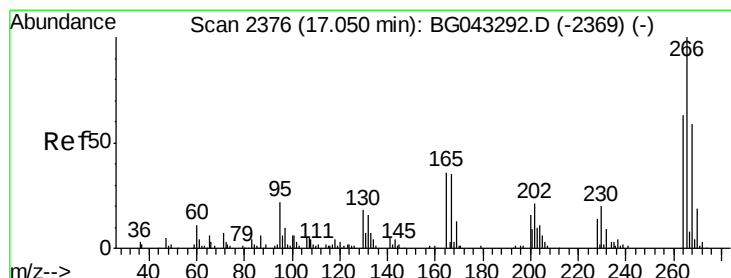
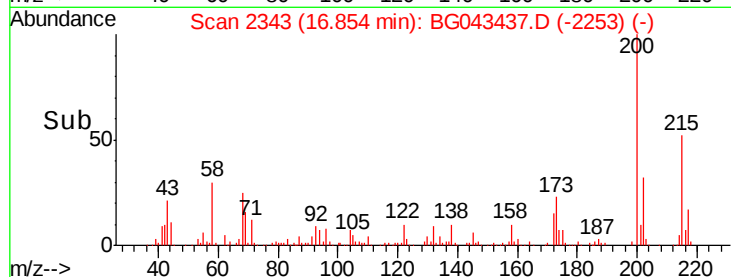
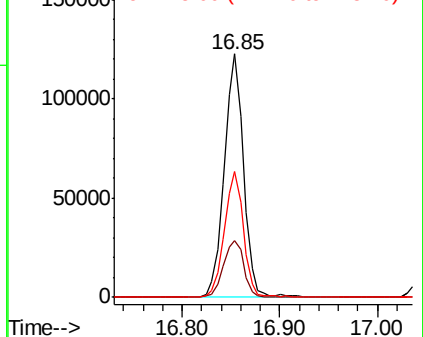
#69
Atrazine
Concen: 55.650 ng
RT: 16.85 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 168984
Ion Ratio Lower Upper
200 100
173 23.1 5.1 45.1
215 51.8 26.6 66.6

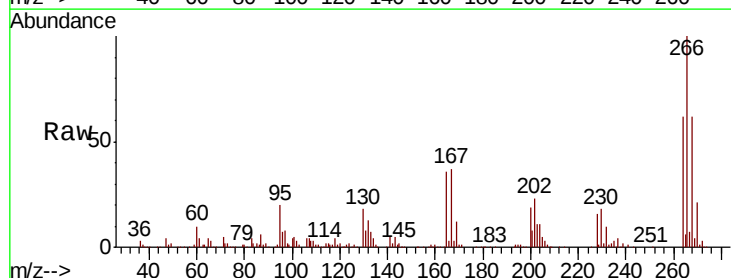


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

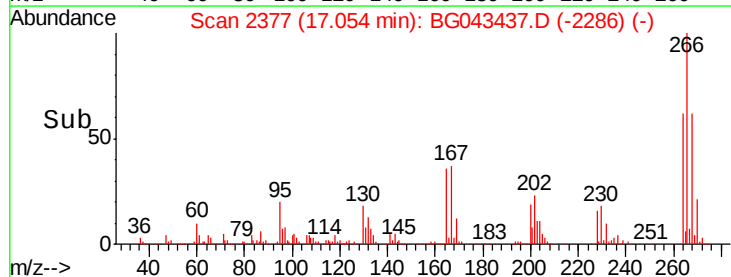
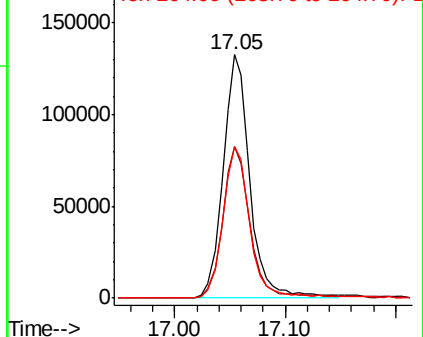


#70
Pentachlorophenol
Concen: 102.784 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion:266 Resp: 223944
Ion Ratio Lower Upper
266 100
268 62.3 47.1 70.7
264 62.2 50.4 75.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.675 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

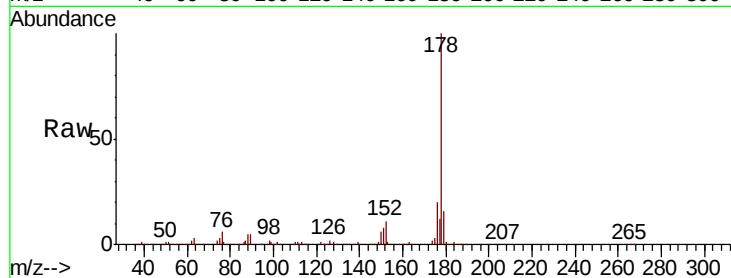
Tot Ion:178 Resp: 723968

Ion Ratio Lower Upper

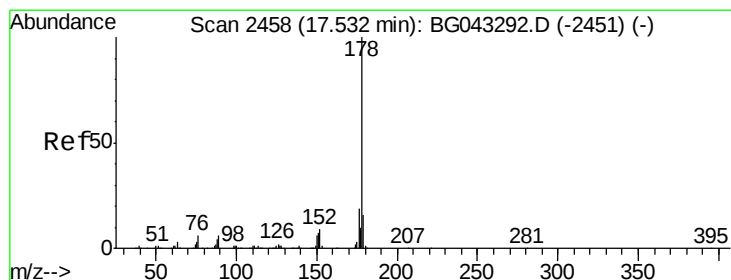
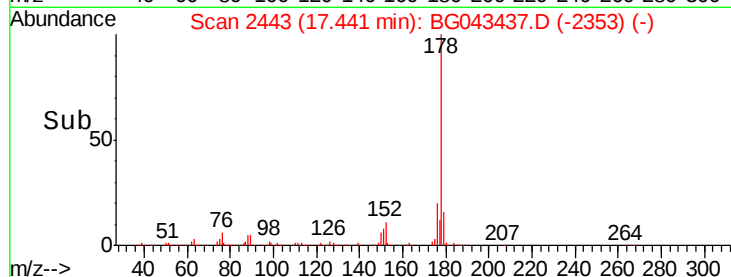
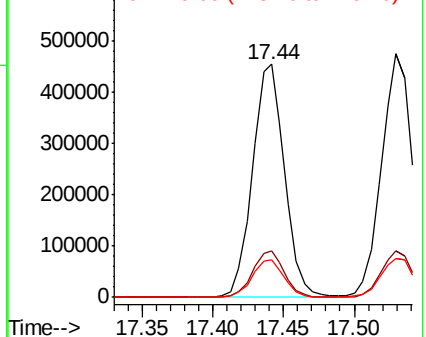
178 100

176 20.0 15.8 23.8

179 15.9 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.187 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

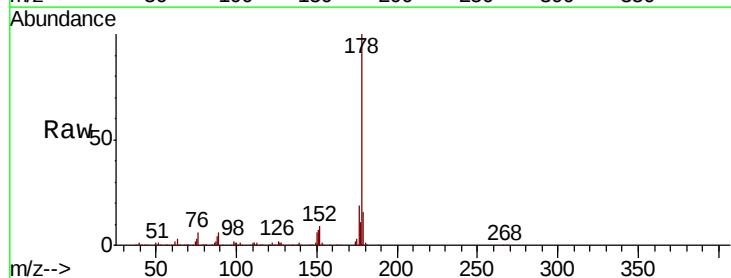
Tgt Ion:178 Resp: 732458

Ion Ratio Lower Upper

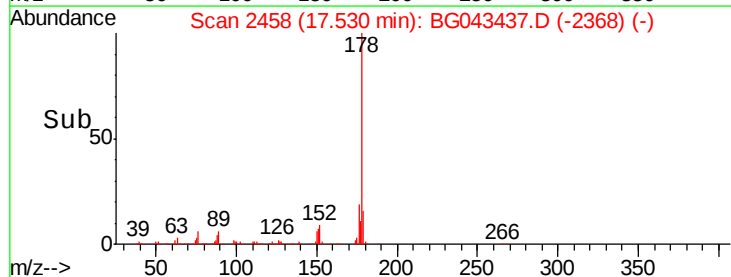
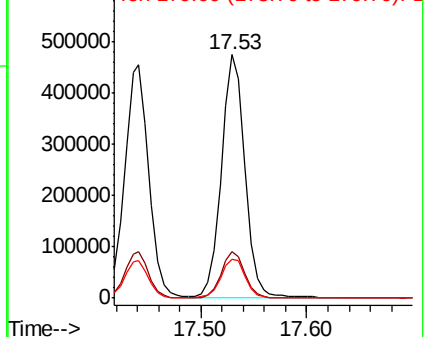
178 100

176 18.8 15.1 22.7

179 16.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

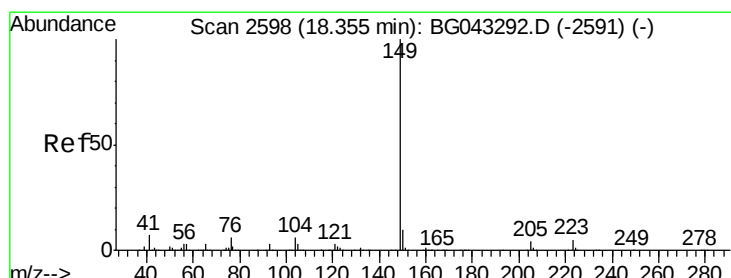
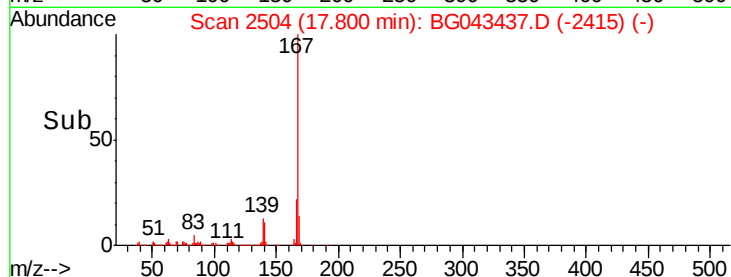
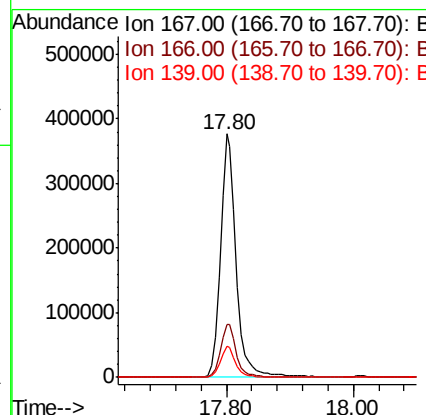
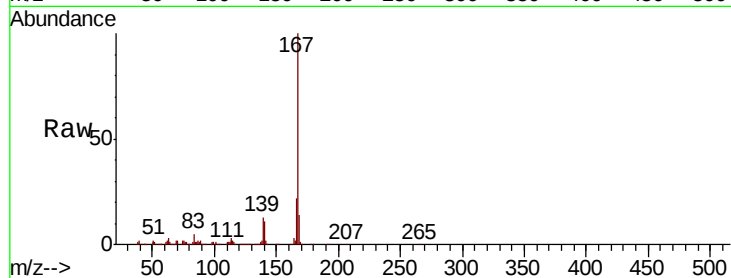




#73
 Carbazole
 Concen: 46.065 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

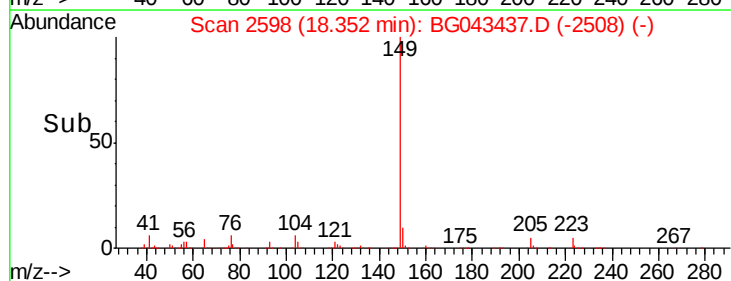
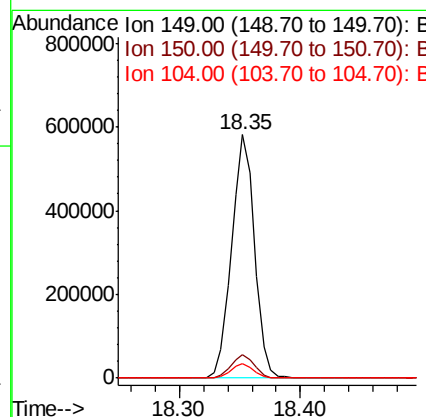
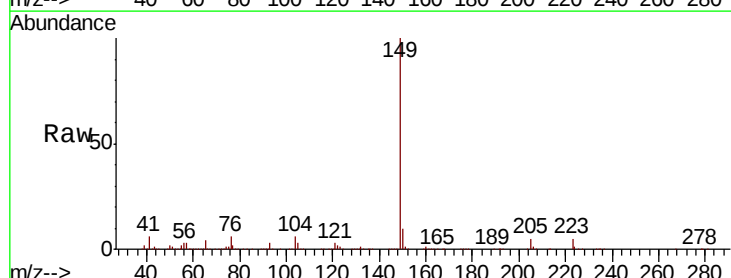
Instrument :
 BNA_G
 ClientSampled :

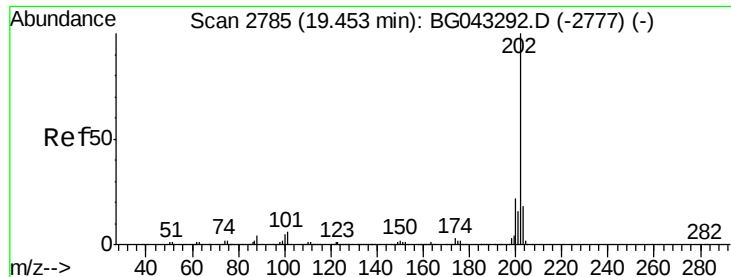
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.4	27.6
139	12.6	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 43.937 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	5.8	4.7	7.1





#75

Fluoranthene

Concen: 46.143 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

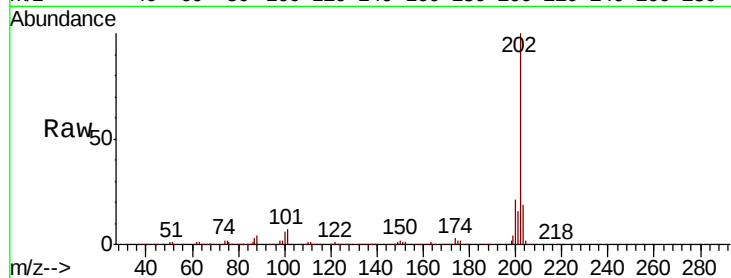
Tot Ion:202 Resp: 953496

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.0

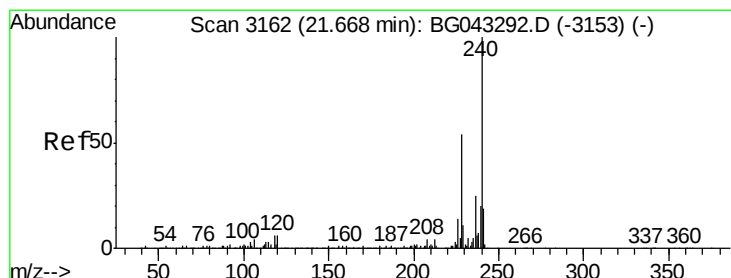
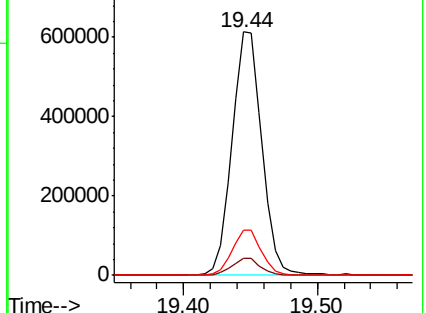
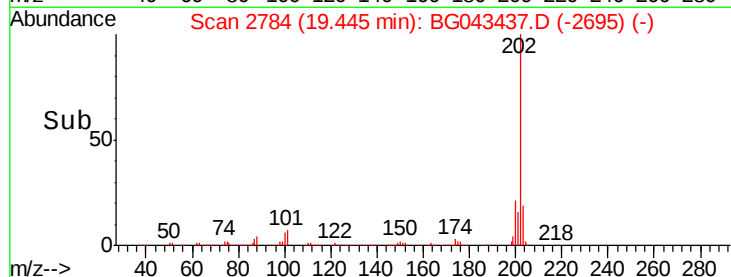
203 18.8 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

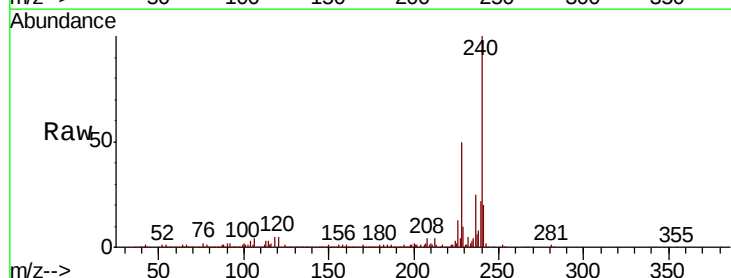
Tgt Ion:240 Resp: 337812

Ion Ratio Lower Upper

240 100

120 5.3 4.6 7.0

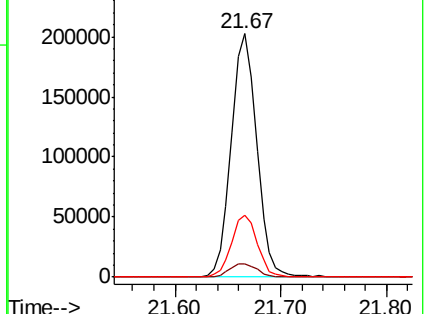
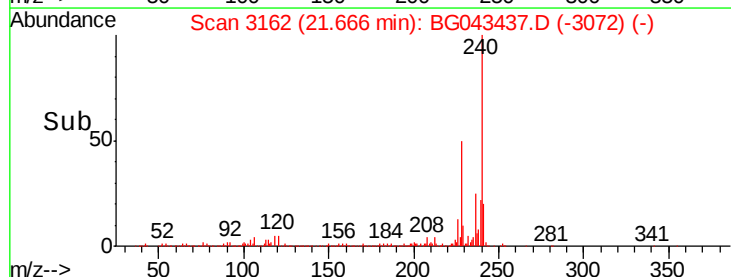
236 25.2 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 70.104 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

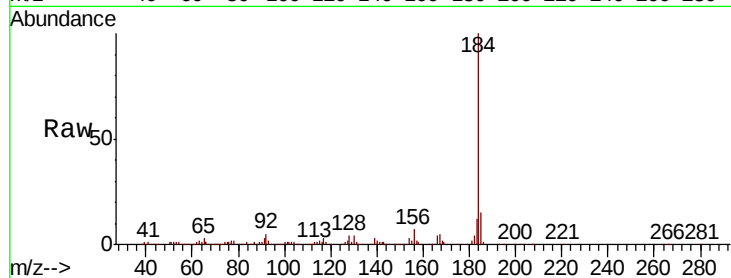
Tot Ion:184 Resp: 476609

Ion Ratio Lower Upper

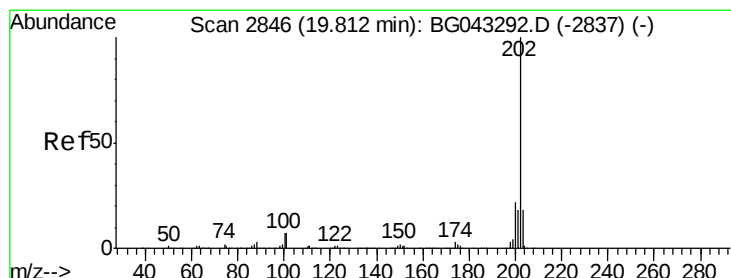
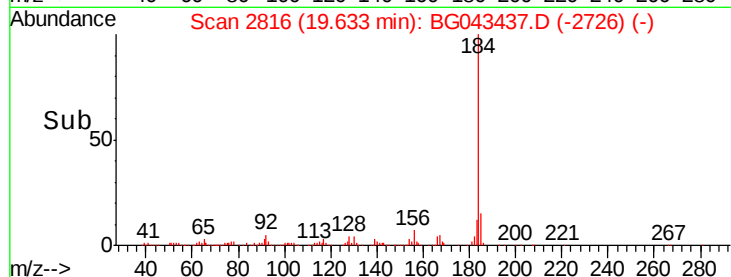
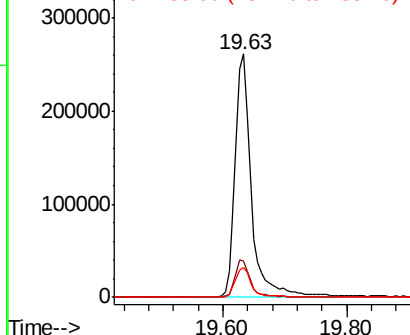
184 100

185 14.7 11.8 17.6

183 12.3 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: 46.277 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

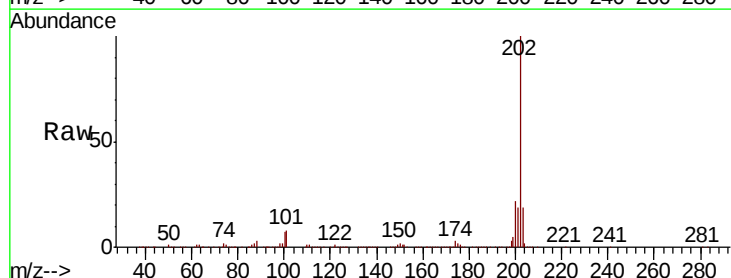
Tgt Ion:202 Resp: 967651

Ion Ratio Lower Upper

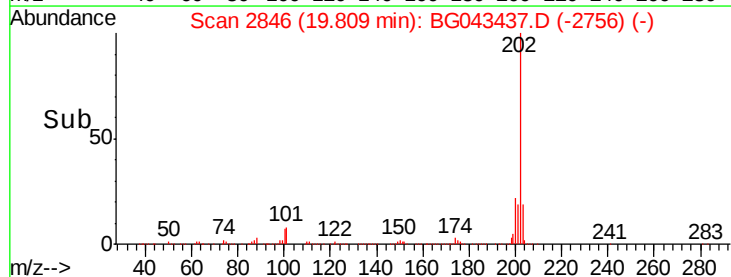
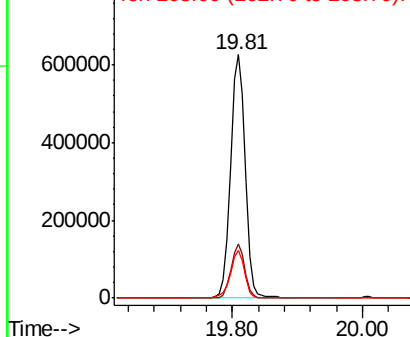
202 100

200 22.5 17.3 25.9

203 19.4 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: 57.994 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

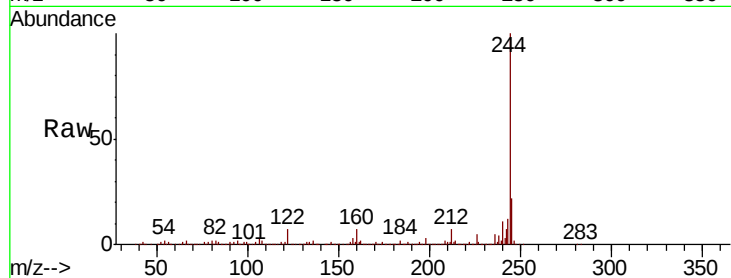
Tot Ion:244 Resp: 1044264

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

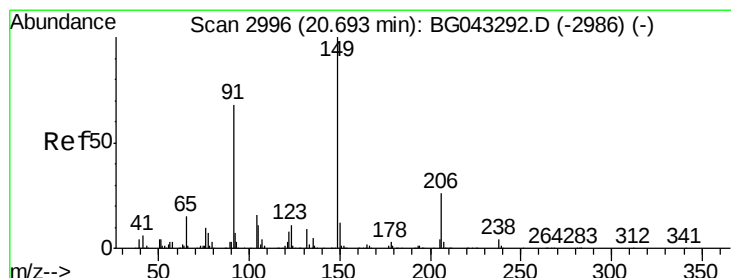
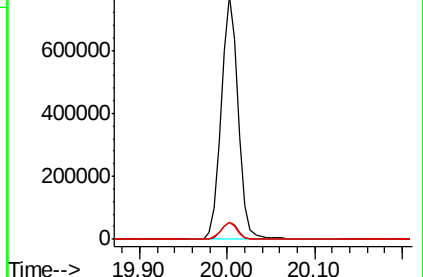
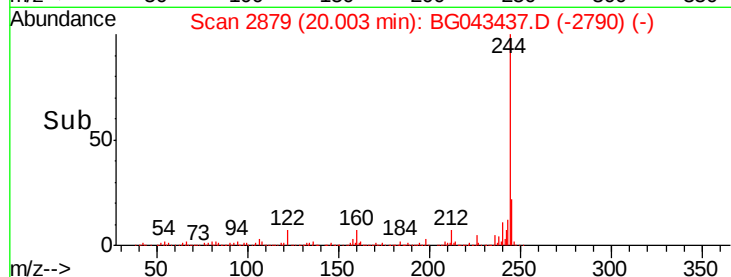
122 6.9 5.3 7.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.402 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

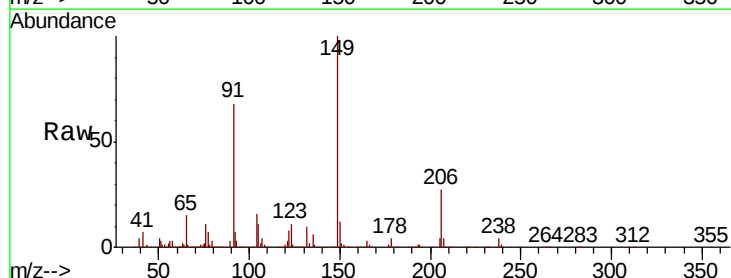
Tgt Ion:149 Resp: 351751

Ion Ratio Lower Upper

149 100

91 68.4 54.6 82.0

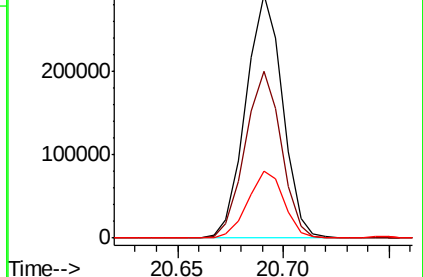
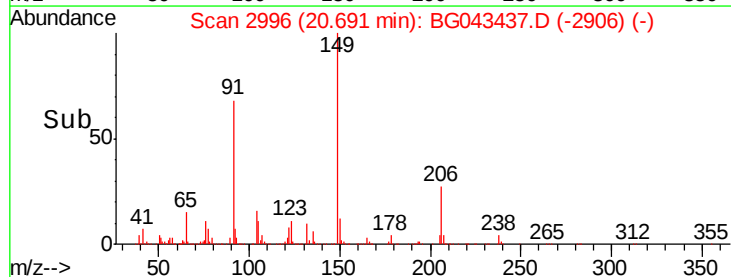
206 27.3 20.5 30.7

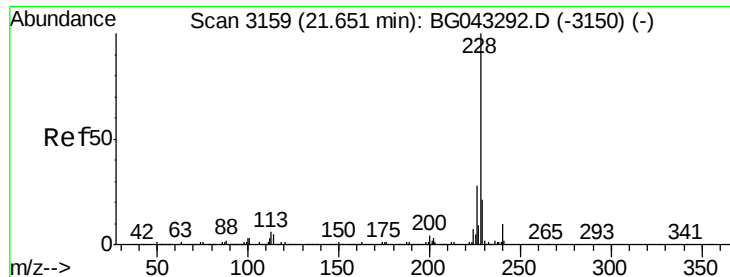


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.097 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

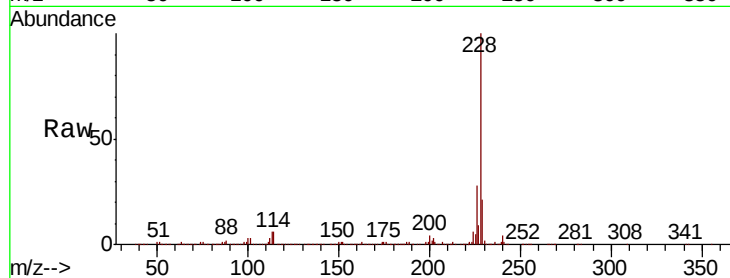
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 975431

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.4
229	20.6	16.9	25.3

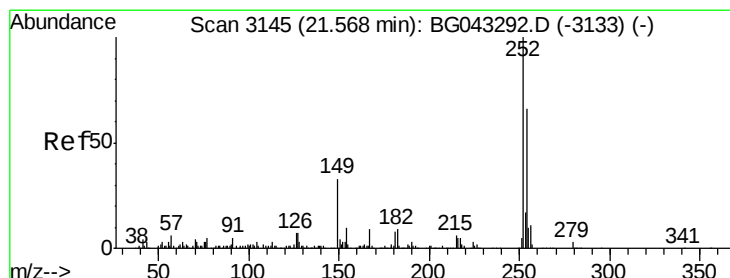
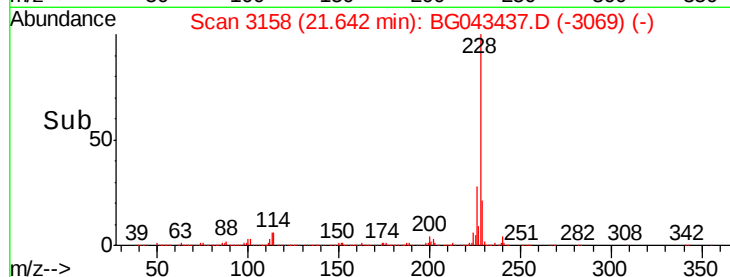
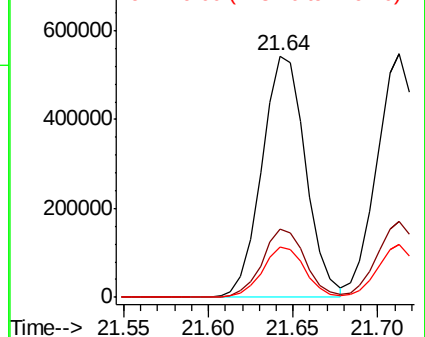


Abundance

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: 29.938 ng

RT: 21.56 min Scan# 3144

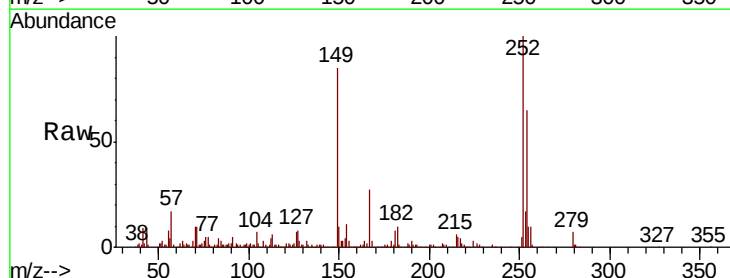
Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion:252 Resp: 245028

Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.7	79.1
126	7.1	5.6	8.4

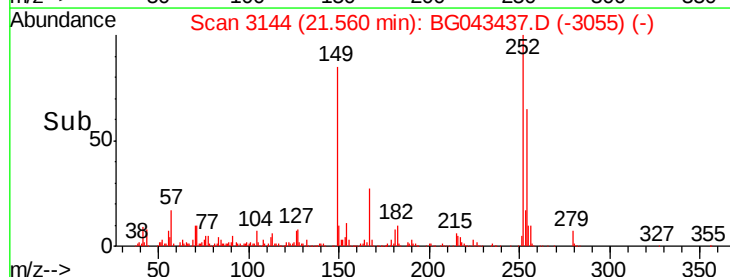
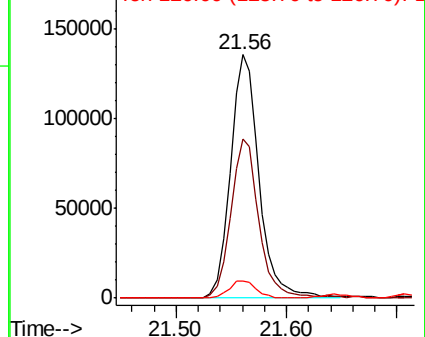


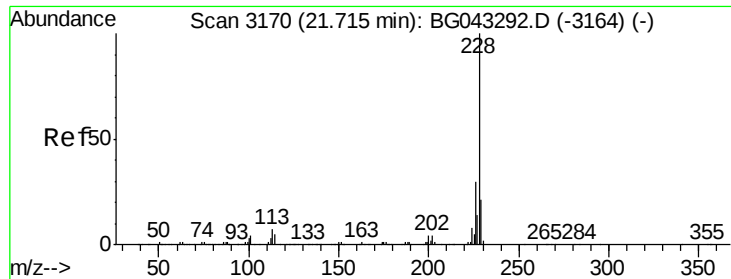
Abundance

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

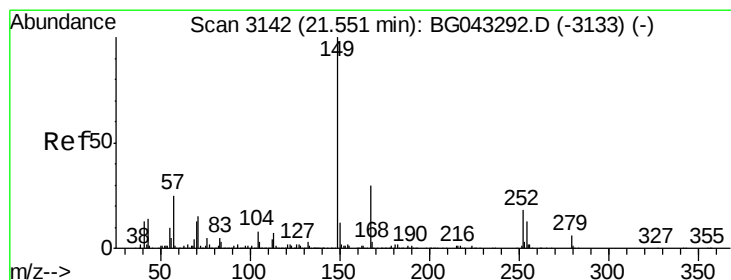
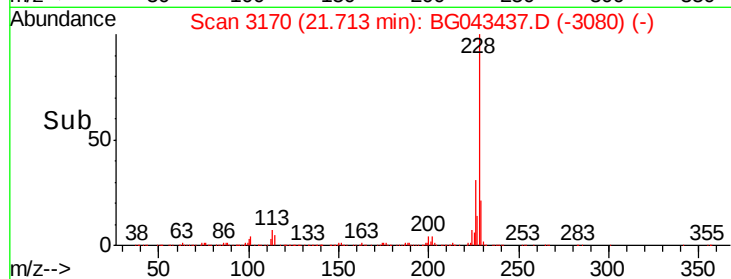
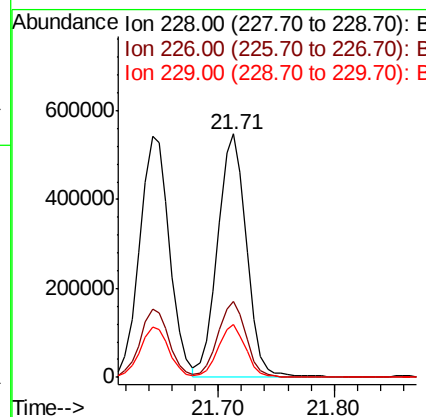
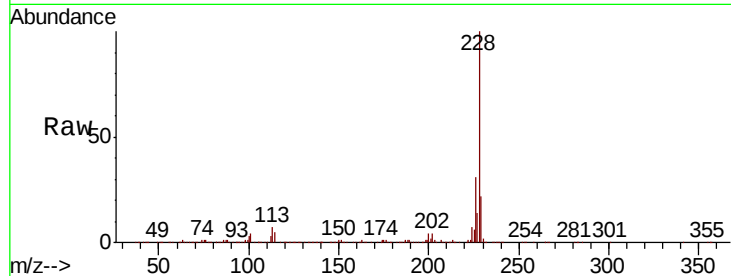




#83
 Chrvsene
 Concen: 44.921 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

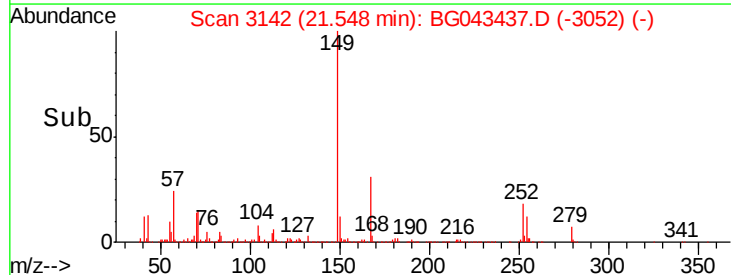
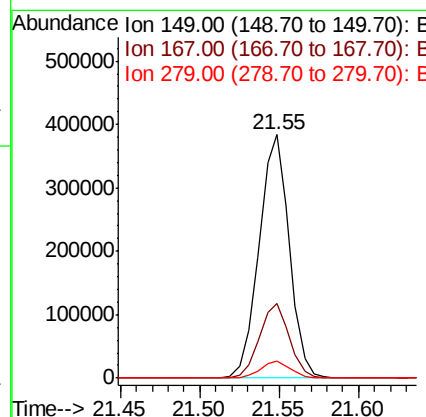
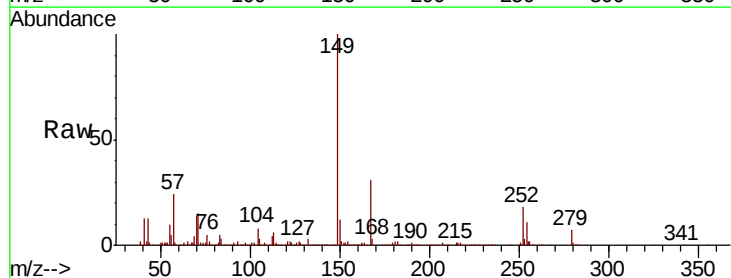
Instrument :
 BNA_G
 ClientSampleId :

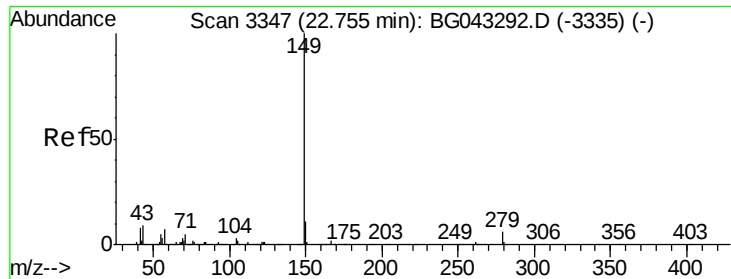
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.8
229	21.5	16.3	24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.108 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.9	23.9	35.9
279	7.1	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 46.510 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

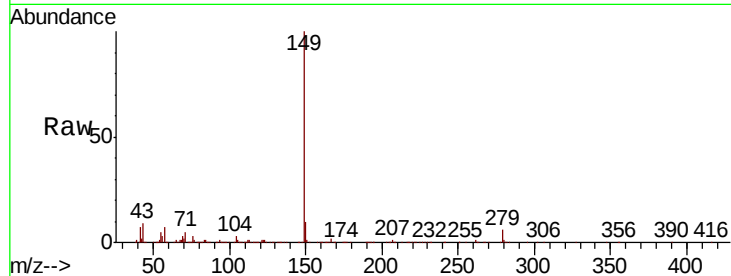
Tot Ion:149 Resp: 887972

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

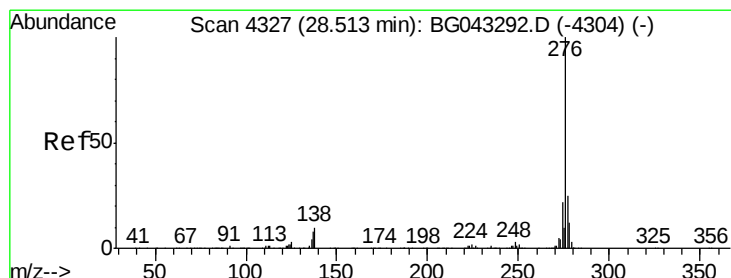
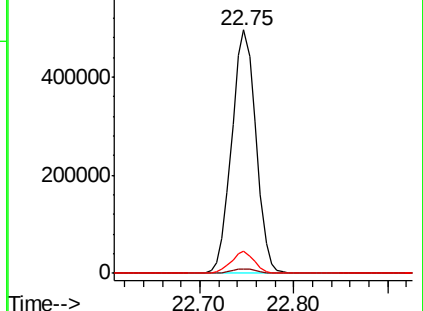
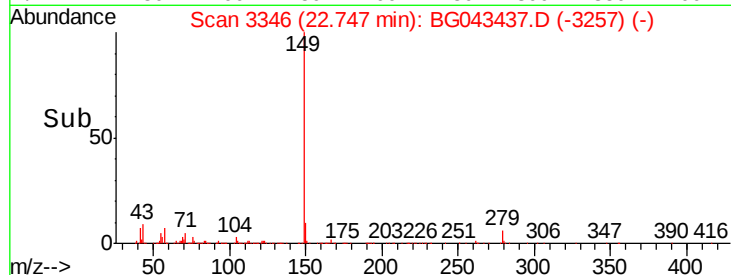
43 8.5 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.890 ng

RT: 28.52 min Scan# 4328

Delta R.T. 0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

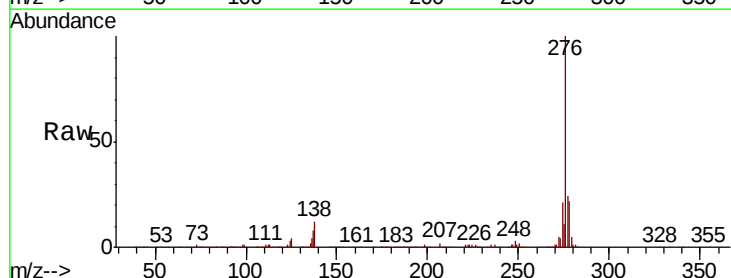
Tgt Ion:276 Resp: 1263864

Ion Ratio Lower Upper

276 100

138 8.4 7.2 10.8

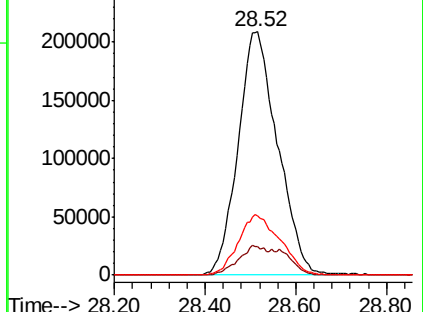
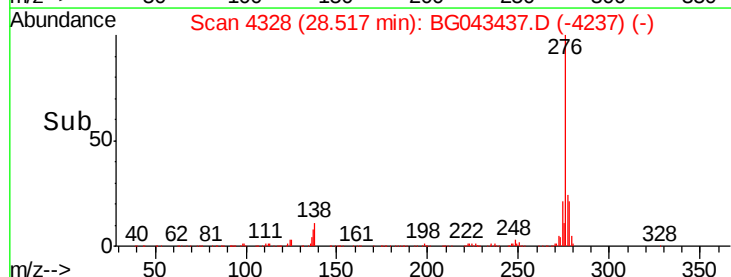
277 25.9 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

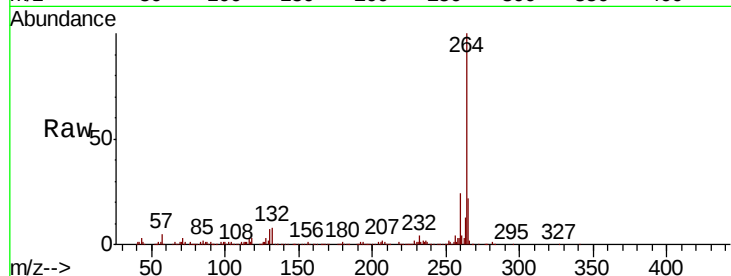
Tot Ion:264 Resp: 401136

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

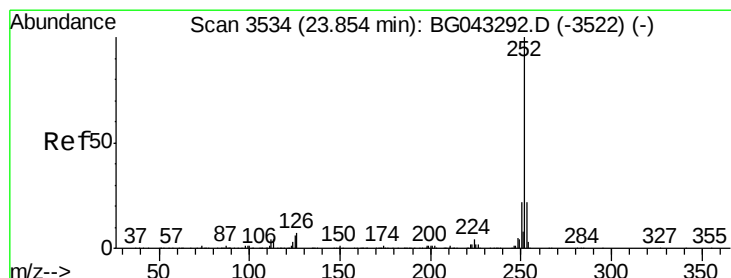
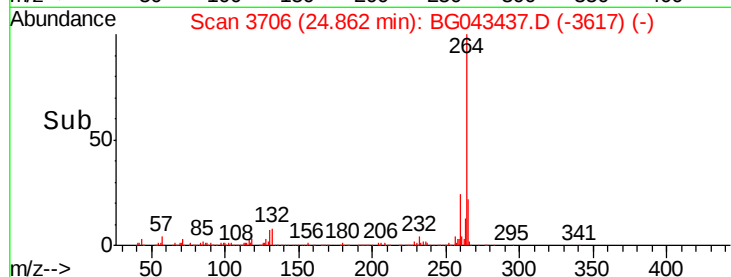
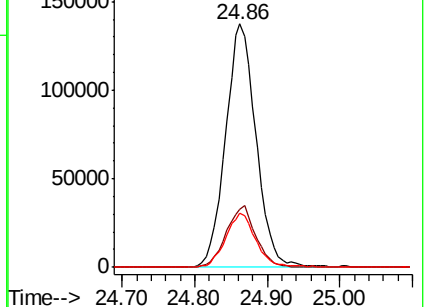
265 22.2 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.687 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

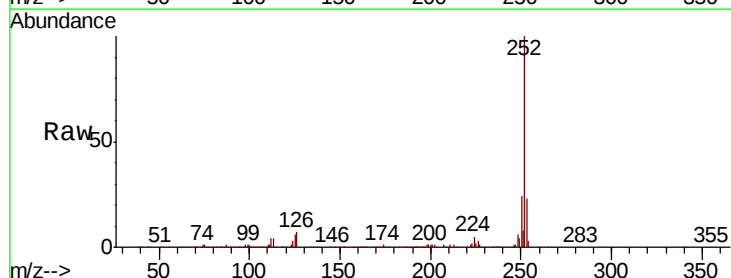
Tgt Ion:252 Resp: 1037962

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

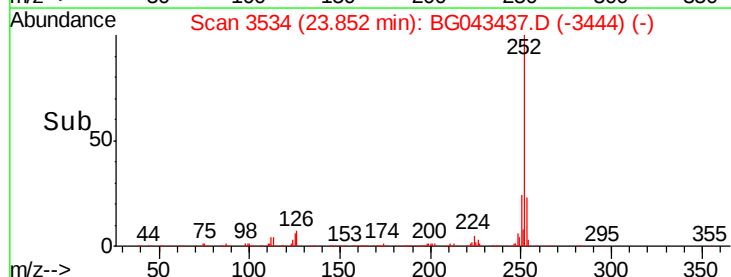
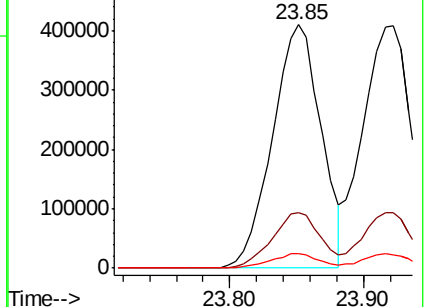
125 6.0 5.0 7.6

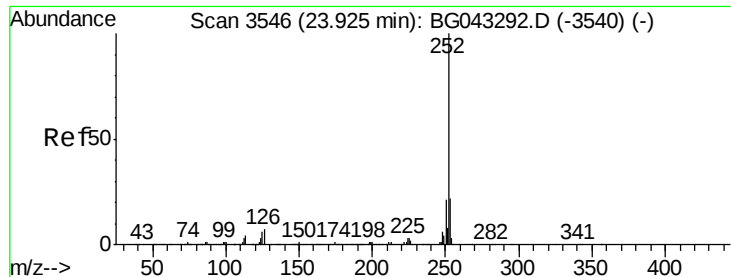


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

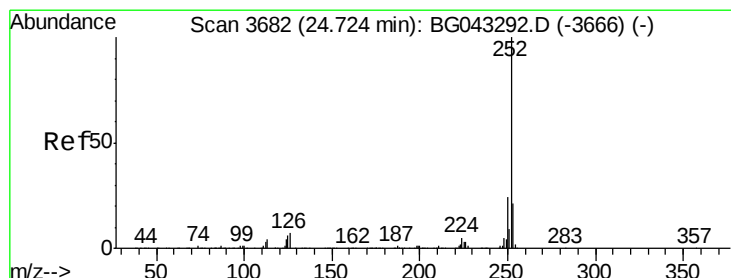
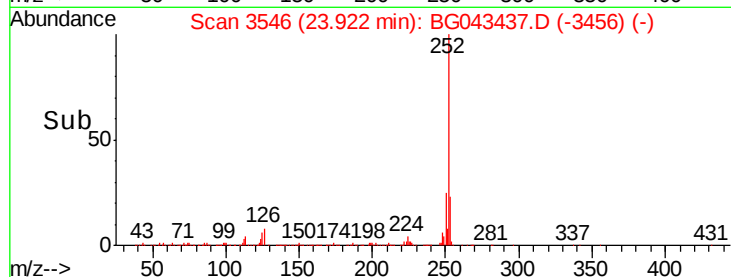
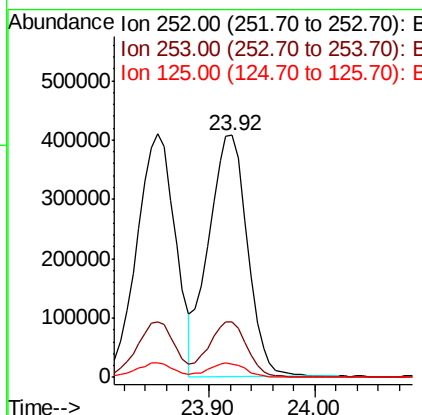
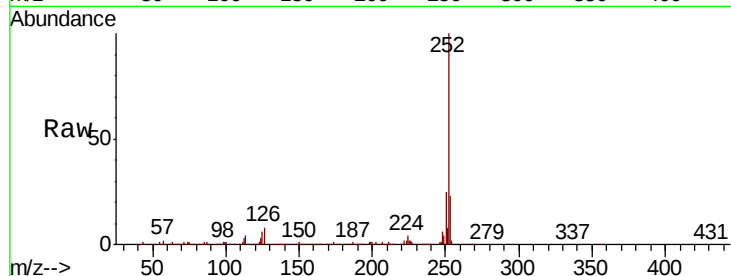




#89
Benzo(k)fluoranthene
Concen: 45.530 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

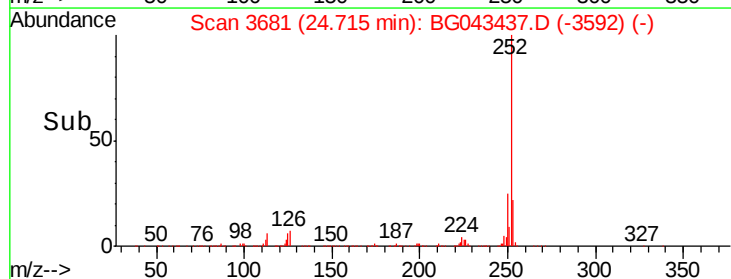
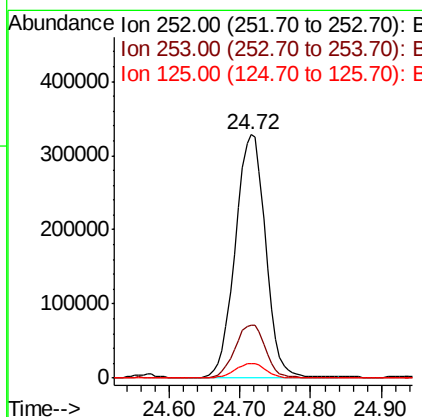
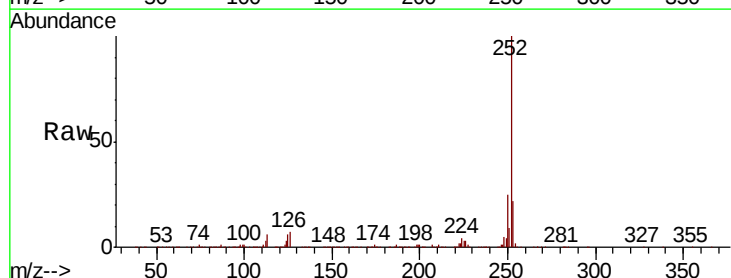
Instrument :
BNA_G
ClientSampleId :

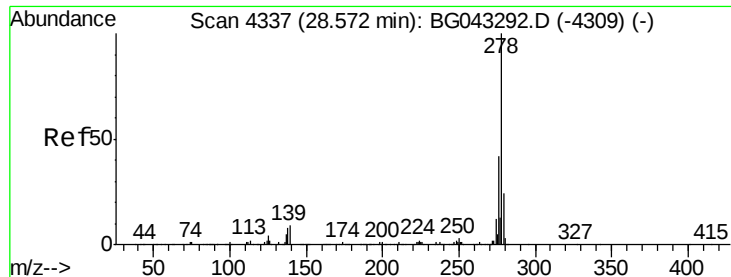
Tot Ion:252 Resp: 1041332
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 5.6 4.5 6.7



#90
Benzo(a)pyrene
Concen: 45.074 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion:252 Resp: 977892
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 6.1 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 47.052 ng

RT: 28.58 min Scan# 4338

Delta R.T. 0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

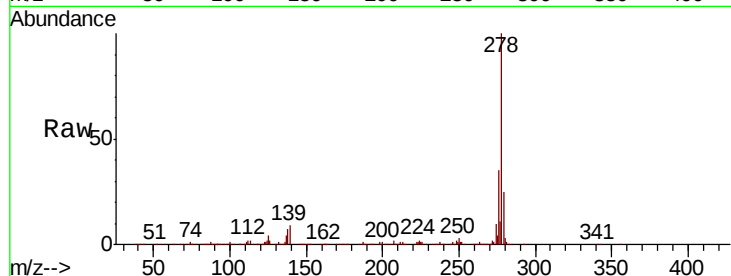
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1044123

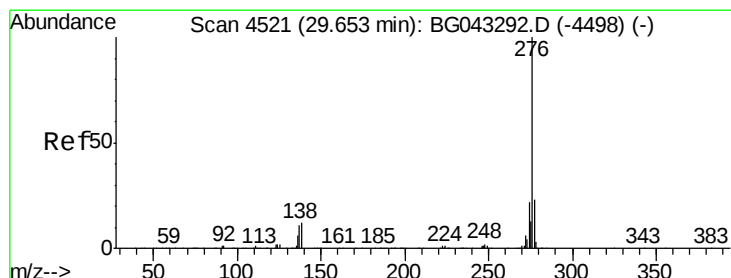
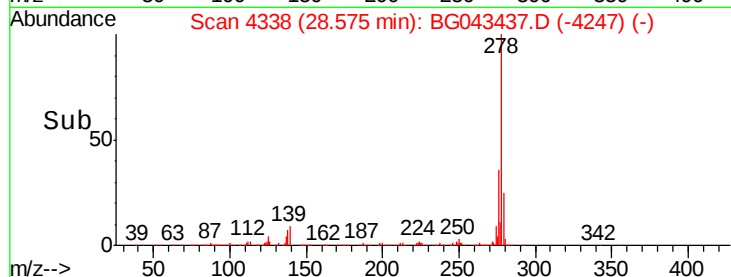
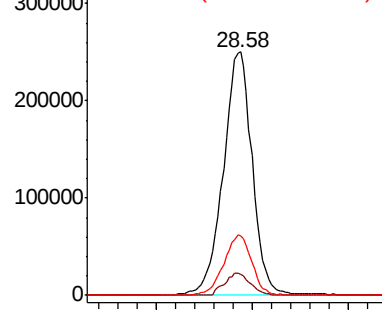
Ion	Ratio	Lower	Upper
278	100		
139	8.8	6.8	10.2
279	24.6	19.0	28.6



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: 48.247 ng

RT: 29.65 min Scan# 4521

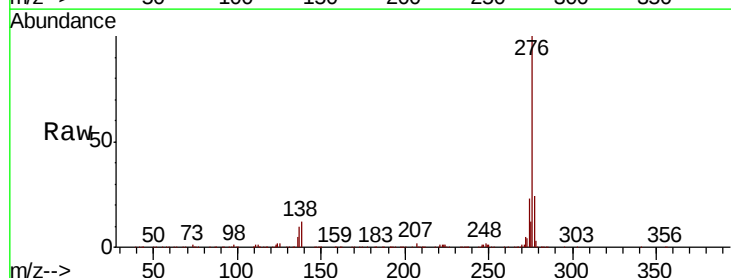
Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion:276 Resp: 1056075

Ion	Ratio	Lower	Upper
276	100		
277	23.9	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

