

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
 Data File : BG043867.D
 Acq On : 30 Dec 2019 15:51
 Operator : JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 30 16:45:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 30 14:25:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	179159	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	712923	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	444403	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	826524	20.00	ng	0.00
76) Chrysene-d12	21.60	240	664541	20.00	ng	0.00
87) Perylene-d12	24.72	264	781073	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1657919	169.19	ng	0.00
7) Phenol-d6	7.14	99	2273272	165.56	ng	0.01
23) Nitrobenzene-d5	9.13	82	2622905	203.95	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	849198	182.22	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	4028067	162.48	ng	0.00
79) Terphenyl-d14	19.96	244	4004653	147.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	385385	90.528	ng	99
3) Pyridine	3.83	79	1089553	86.829	ng	99
4) n-Nitrosodimethylamine	3.75	42	511895	91.224	ng	99
6) Aniline	7.30	93	1572963	87.393	ng	96
8) 2-Chlorophenol	7.53	128	1003072	87.285	ng	96
9) Benzaldehyde	7.10	77	806815	100.383	ng	97
10) Phenol	7.16	94	1222370	86.541	ng	94
11) bis(2-Chloroethyl)ether	7.39	93	1066582	87.632	ng	96
12) 1,3-Dichlorobenzene	7.86	146	1168422	86.844	ng	96
13) 1,4-Dichlorobenzene	8.00	146	1160189	87.462	ng	95
14) 1,2-Dichlorobenzene	8.33	146	1105493	86.705	ng	98
15) Benzyl Alcohol	8.21	79	982471	90.943	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	1669200	88.493	ng	98
17) 2-Methylphenol	8.41	107	922741	90.414	ng	96
18) Hexachloroethane	9.05	117	467176	90.145	ng	97
19) n-Nitroso-di-n-propylamine	8.79	70	908390	89.023	ng	94
20) 3+4-Methylphenols	8.75	107	1264534	88.847	ng	97
22) Acetophenone	8.79	105	1571114	88.554	ng	# 93
24) Nitrobenzene	9.17	77	1222347	92.673	ng	97
25) Isophorone	9.70	82	2271636	90.877	ng	95
26) 2-Nitrophenol	9.88	139	640045	102.500	ng	96
27) 2,4-Dimethylphenol	9.95	122	890237	94.746	ng	100
28) bis(2-Chloroethoxy)methane	10.18	93	1481831	88.870	ng	96
29) 2,4-Dichlorophenol	10.42	162	1049126	93.726	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	1154453	91.814	ng	97
31) Naphthalene	10.82	128	2872473	83.273	ng	# 90
32) Benzoic acid	10.15	122	918893	126.705	ng	98
33) 4-Chloroaniline	10.92	127	1489935	90.684	ng	94
34) Hexachlorobutadiene	11.12	225	723503	94.283	ng	100
35) Caprolactam	11.73	113	323810	77.814	ng	97
36) 4-Chloro-3-methylphenol	12.06	107	1101327	92.042	ng	99
37) 2-Methylnaphthalene	12.43	142	2232015	85.951	ng	97
38) 1-Methylnaphthalene	12.64	142	2124814	86.325	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	1205026	92.607	ng	98

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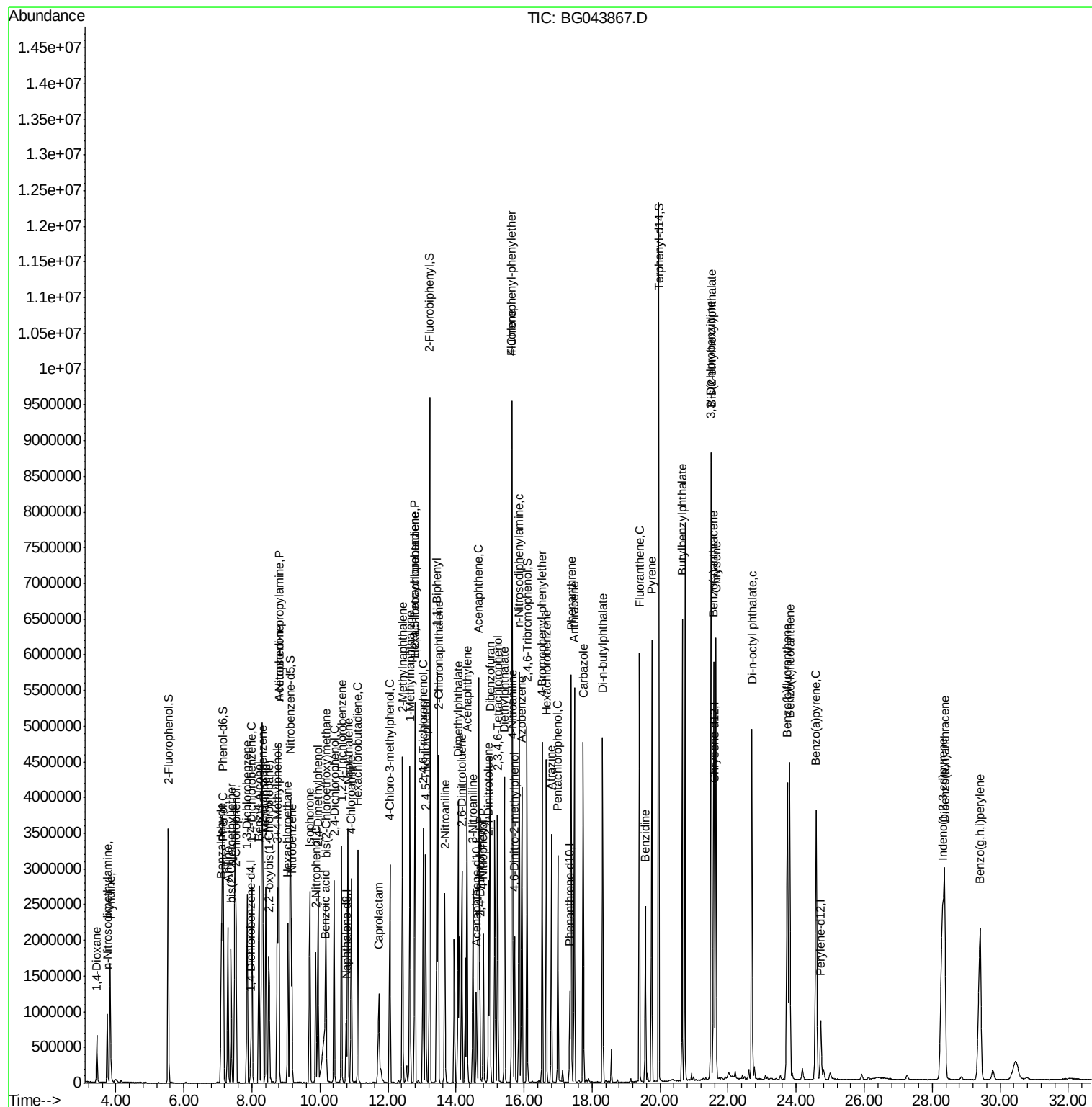
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	692025	101.945	nq	99
43) 2,4,6-Trichlorophenol	13.03	196	859142	95.717	nq	98
44) 2,4,5-Trichlorophenol	13.11	196	877627	95.007	nq	98
46) 1,1'-Biphenyl	13.44	154	2621224	82.126	nq	84
47) 2-Chloronaphthalene	13.48	162	2215125	86.137	nq #	88
48) 2-Nitroaniline	13.67	65	794257	96.040	nq	97
49) Acenaphthylene	14.32	152	3012454	81.548	nq #	86
50) Dimethylphthalate	14.07	163	2563815	81.115	nq #	93
51) 2,6-Dinitrotoluene	14.17	165	668311	93.675	nq	98
52) Acenaphthene	14.66	154	2323553	89.648	nq	94
53) 3-Nitroaniline	14.50	138	734644	90.601	nq	98
54) 2,4-Dinitrophenol	14.70	184	368500	114.902	nq	97
55) Dibenzofuran	15.00	168	2818989	78.849	nq #	83
56) 4-Nitrophenol	14.81	139	576469	92.687	nq	100
57) 2,4-Dinitrotoluene	14.96	165	884613	91.116	nq	96
58) Fluorene	15.65	166	2283219	80.610	nq #	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	732025	92.124	nq	99
60) Diethylphthalate	15.43	149	2527328	79.936	nq #	90
61) 4-Chlorophenyl-phenylether	15.64	204	1329998	86.495	nq	95
62) 4-Nitroaniline	15.67	138	695532	86.933	nq	98
63) Azobenzene	15.93	77	2387254	81.498	nq	88
65) 4,6-Dinitro-2-methylphenol	15.72	198	445585	111.060	nq	95
66) n-Nitrosodiphenylamine	15.86	169	2136040	87.516	nq	91
67) 4-Bromophenyl-phenylether	16.53	248	885070	95.268	nq	98
68) Hexachlorobenzene	16.66	284	940066	93.775	nq	97
69) Atrazine	16.80	200	613416	77.368	nq	98
70) Pentachlorophenol	16.99	266	561567	101.566	nq	99
71) Phenanthrene	17.39	178	3110320	78.410	nq #	82
72) Anthracene	17.48	178	3070727	78.399	nq #	83
73) Carbazole	17.74	167	2859080	78.926	nq #	88
74) Di-n-butylphthalate	18.31	149	3219169	72.788	nq #	86
75) Fluoranthene	19.39	202	3241883	74.424	nq	82
77) Benzidine	19.56	184	1314143	76.758	nq #	91
78) Pyrene	19.75	202	3253544	77.759	nq #	78
80) Butylbenzylphthalate	20.65	149	1824026	88.425	nq #	93
81) Benzo(a)anthracene	21.58	228	3392662	82.290	nq #	83
82) 3,3'-Dichlorobenzidine	21.49	252	1398680	85.437	nq	94
83) Chrysene	21.64	228	3229305	82.508	nq #	82
84) Bis(2-ethylhexyl)phthalate	21.50	149	2360670	83.093	nq #	87
85) Di-n-octyl phthalate	22.70	149	3937732	82.206	nq #	92
86) Indeno(1,2,3-cd)pyrene	28.30	276	5132787	96.465	nq #	92
88) Benzo(b)fluoranthene	23.74	252	4035171	87.313	nq #	91
89) Benzo(k)fluoranthene	23.81	252	3665060	83.660	nq #	90
90) Benzo(a)pyrene	24.59	252	3843548	88.245	nq	93
91) Dibenzo(a,h)anthracene	28.36	278	4000404	91.473	nq	96
92) Benzo(g,h,i)perylene	29.41	276	4091845	94.147	nq	99

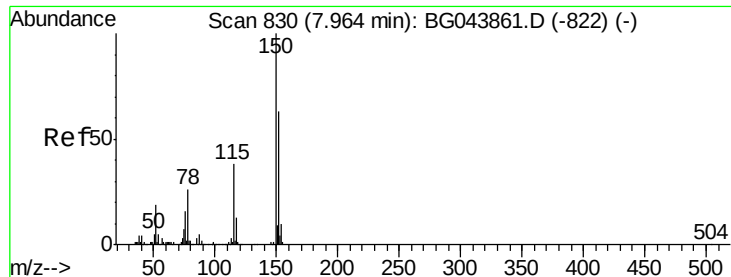
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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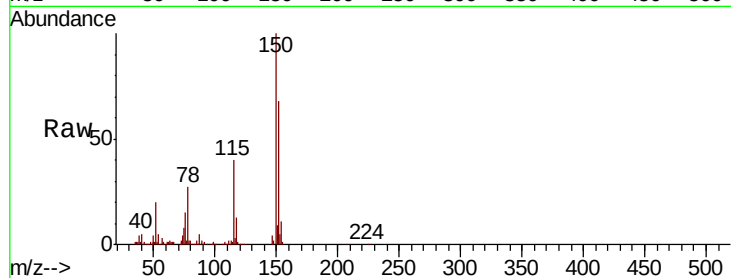


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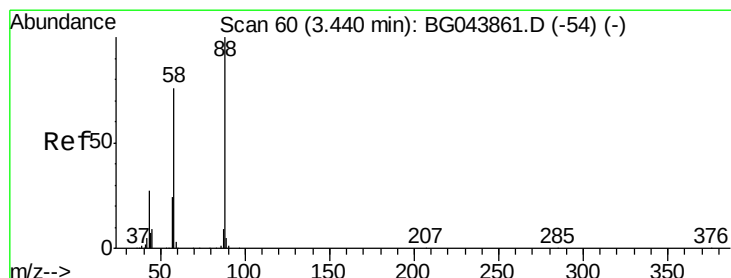
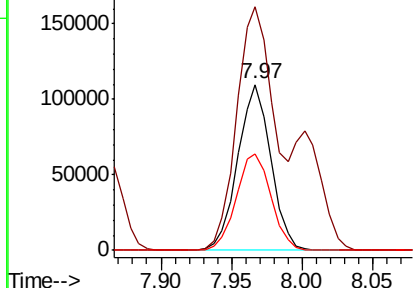
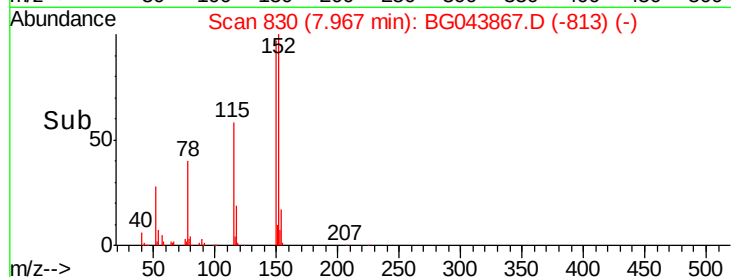
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 179159
Ion Ratio Lower Upper
152 100
150 147.0 127.0 190.4
115 58.2 47.8 71.8



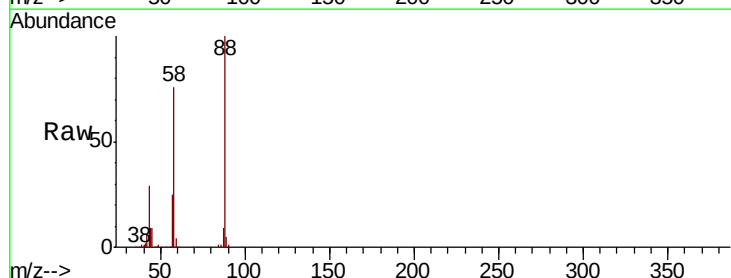
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



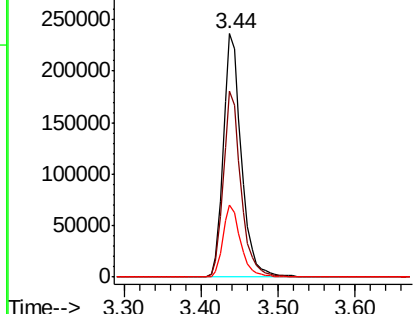
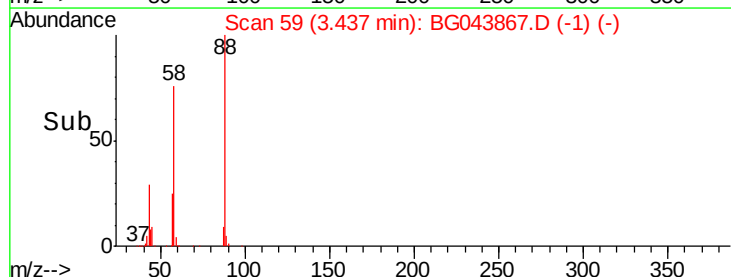
#2

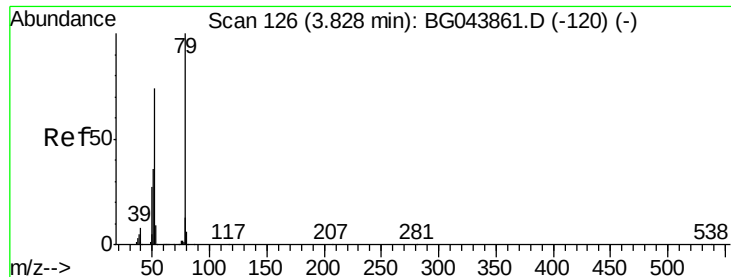
1,4-Dioxane
Concen: 90.528 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.00 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Tgt Ion: 88 Resp: 385385
Ion Ratio Lower Upper
88 100
58 74.2 59.8 89.8
43 28.8 22.9 34.3



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: 86.829 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

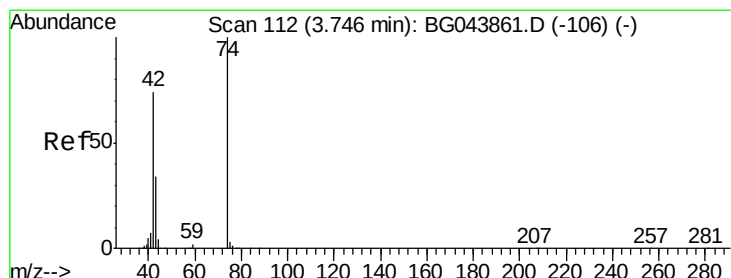
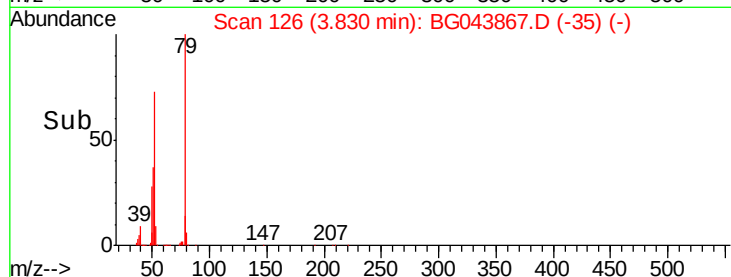
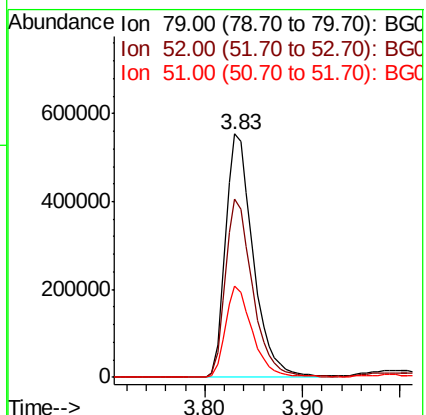
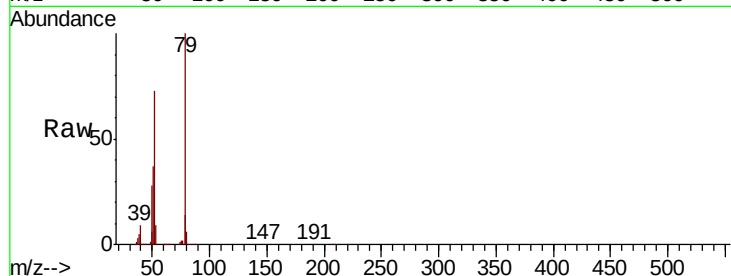
Tot Ion: 79 Resp: 1089553

Ion Ratio Lower Upper

79 100

52 73.0 58.9 88.3

51 37.3 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 91.224 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

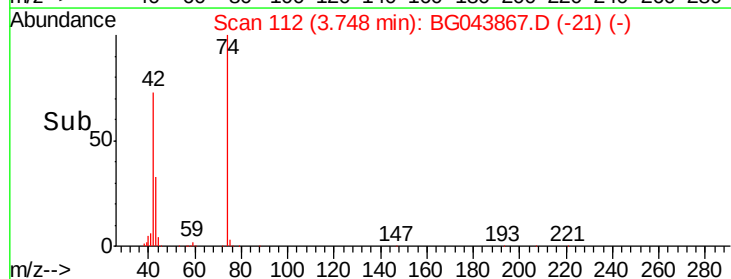
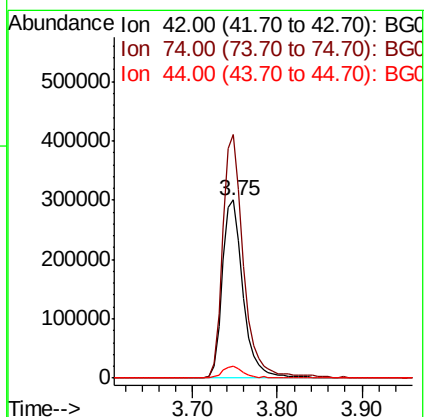
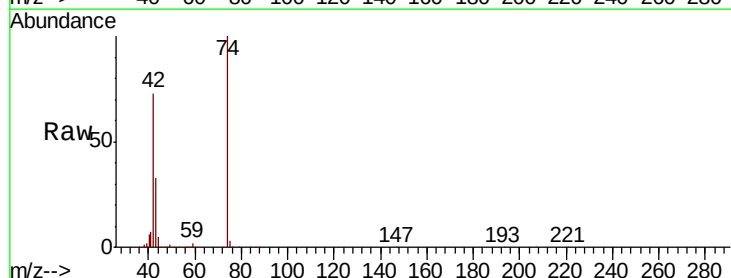
Tgt Ion: 42 Resp: 511895

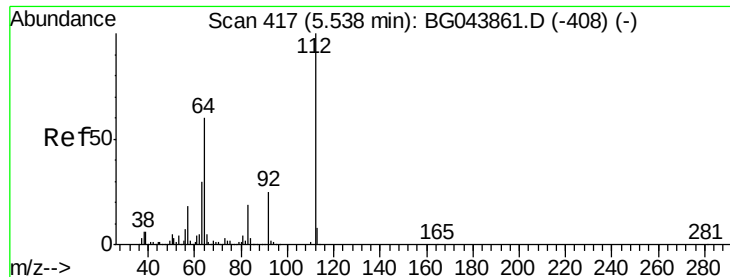
Ion Ratio Lower Upper

42 100

74 136.9 108.6 162.8

44 6.4 5.0 7.6





#5

2-Fluorophenol

Concen: 169.194 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

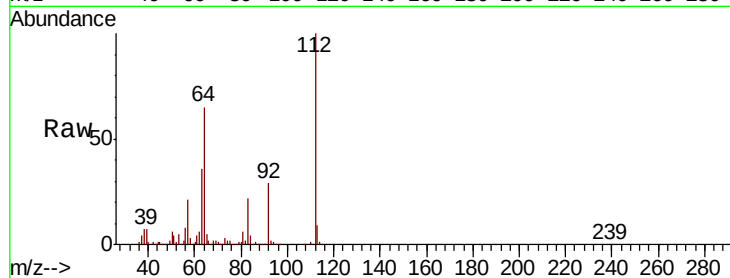
Instrument :

BNA_G

ClientSampled :

Tot Ion:112 Resp: 1657919

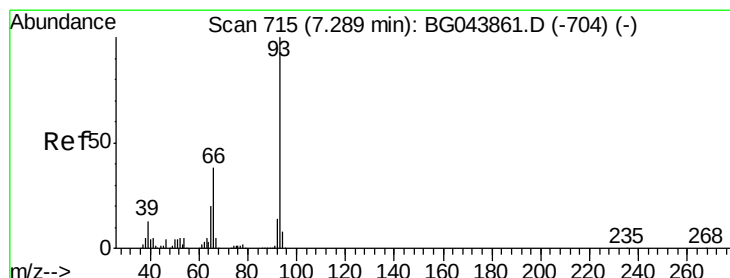
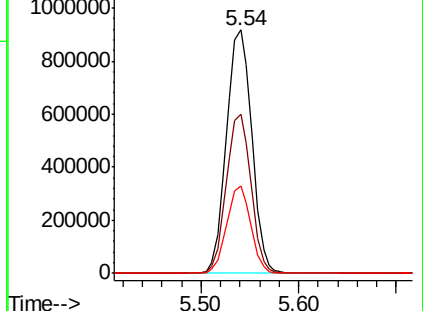
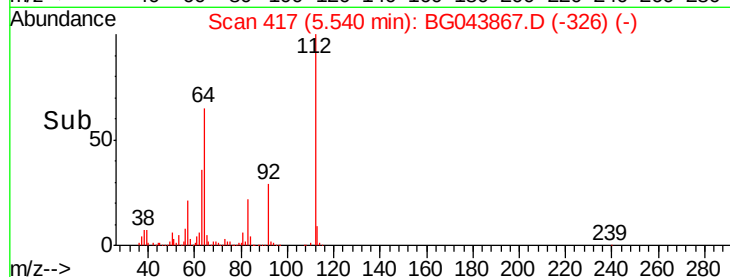
Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.8	71.6
63	35.8	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 87.393 ng

RT: 7.30 min Scan# 716

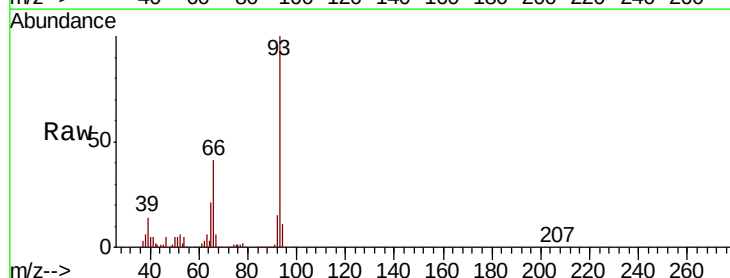
Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Tgt Ion: 93 Resp: 1572963

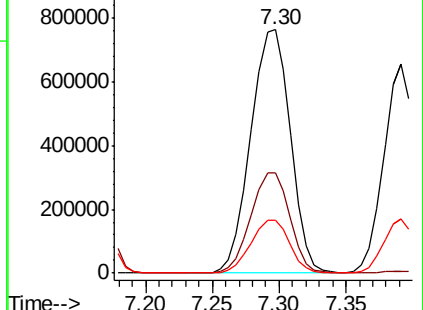
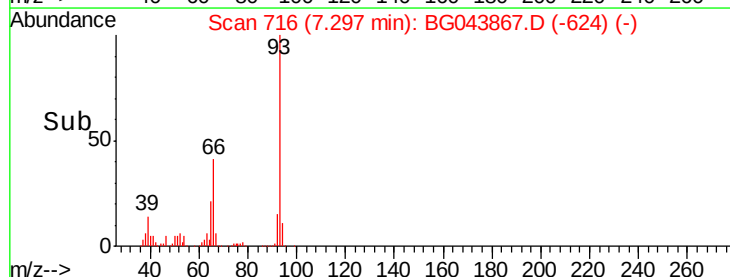
Ion	Ratio	Lower	Upper
93	100		
66	41.1	30.8	46.2
65	21.5	16.0	24.0

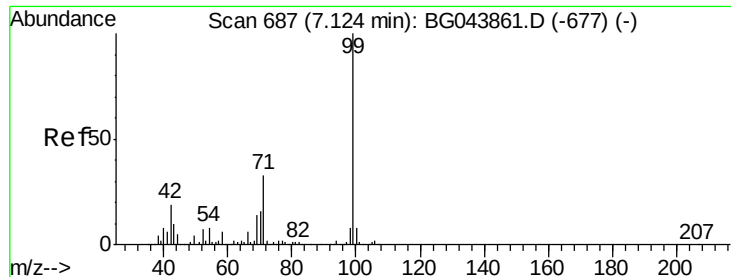


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 165.563 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampled :

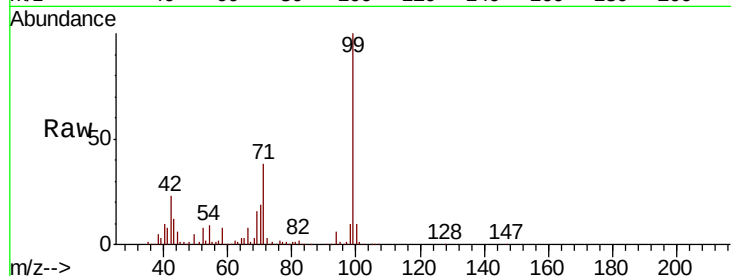
Tot Ion: 99 Resp: 2273272

Ion Ratio Lower Upper

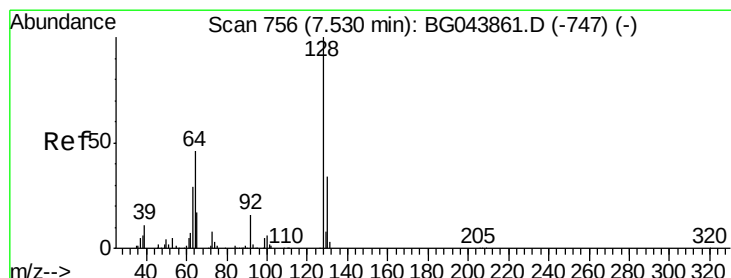
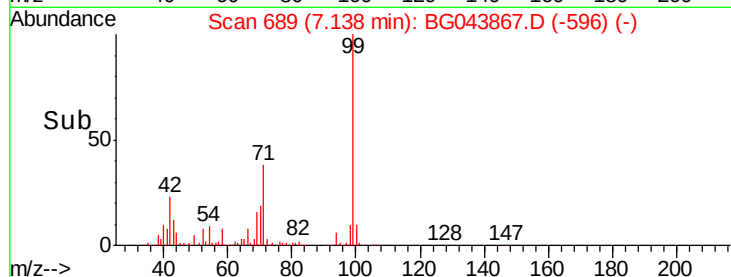
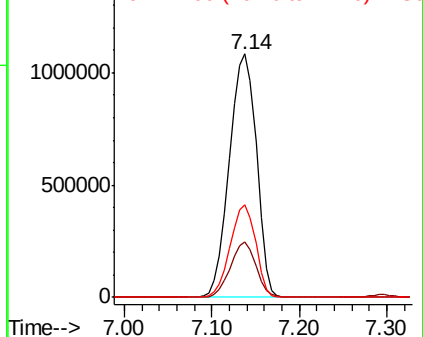
99 100

42 22.6 14.9 22.3#

71 38.1 26.4 39.6



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



#8

2-Chlorophenol

Concen: 87.285 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

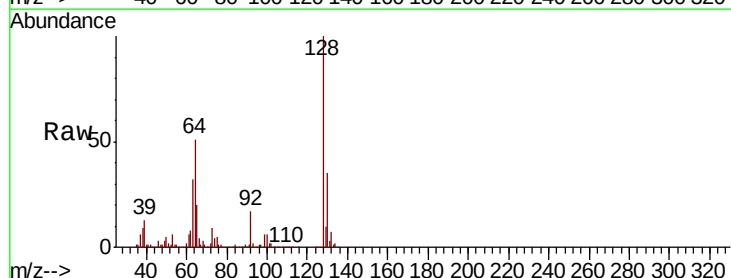
Tgt Ion:128 Resp: 1003072

Ion Ratio Lower Upper

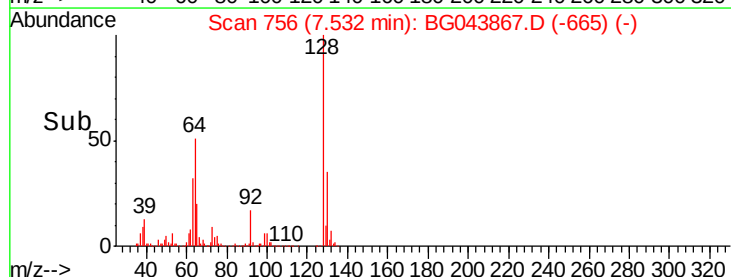
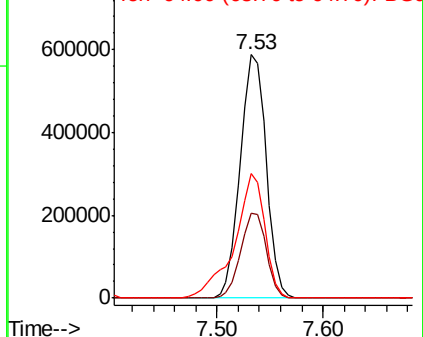
128 100

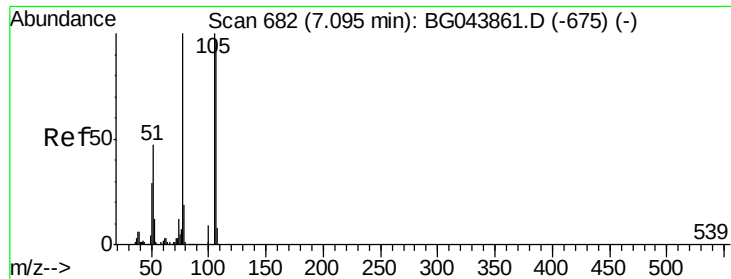
130 35.1 13.8 53.8

64 51.3 27.6 67.6



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





#9

Benzaldehyde

Concen: 100.383 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

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BNA_G

ClientSampleId :

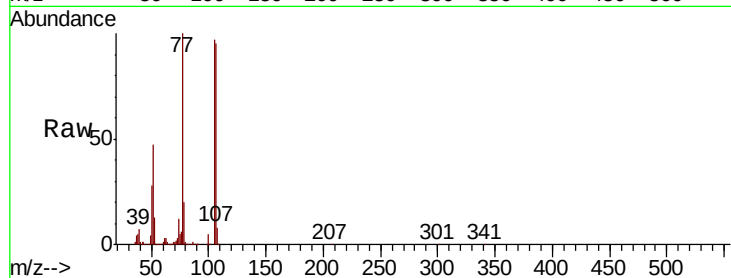
Tot Ion: 77 Resp: 806815

Ion Ratio Lower Upper

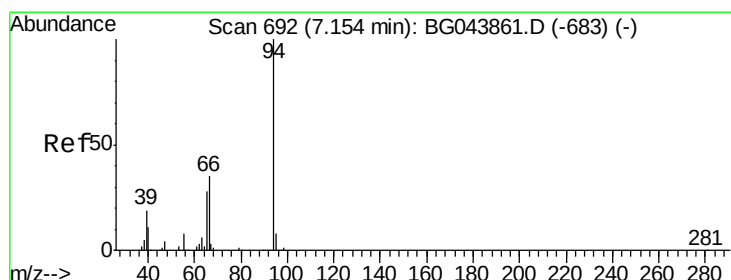
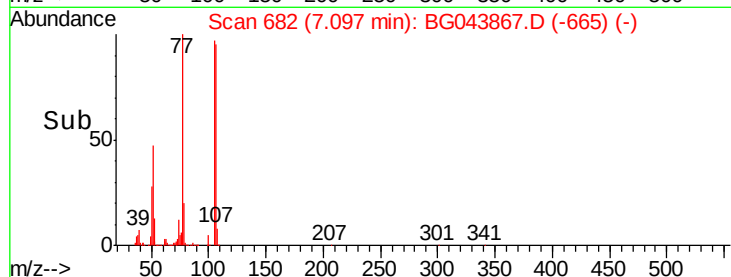
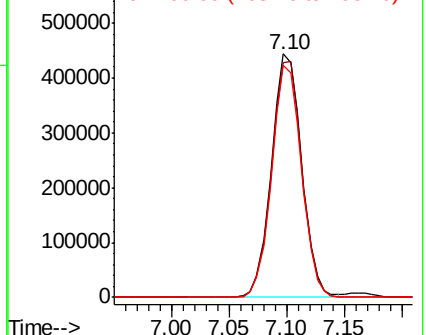
77 100

105 96.6 80.2 120.2

106 95.2 77.2 117.2



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



#10

Phenol

Concen: 86.541 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

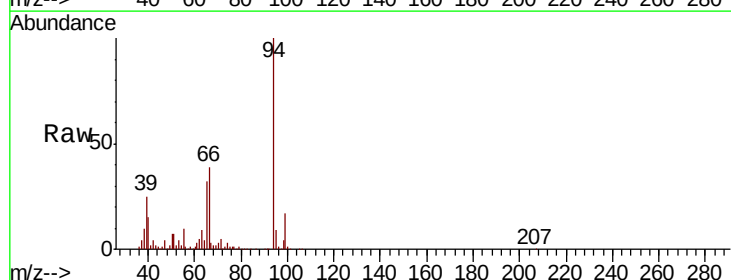
Tgt Ion: 94 Resp: 1222370

Ion Ratio Lower Upper

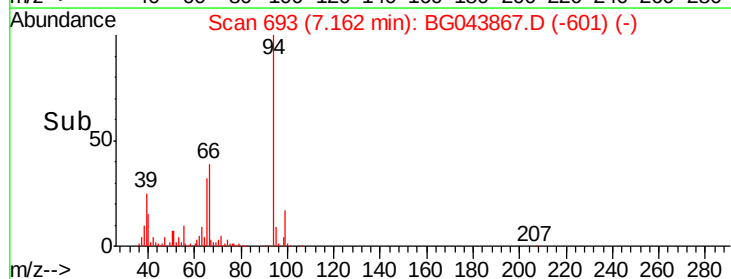
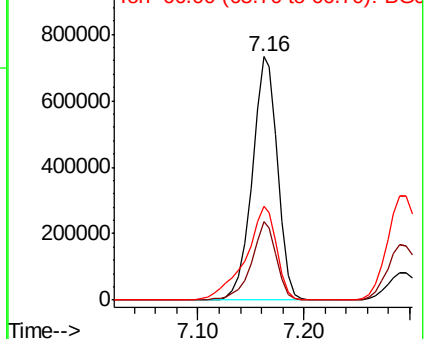
94 100

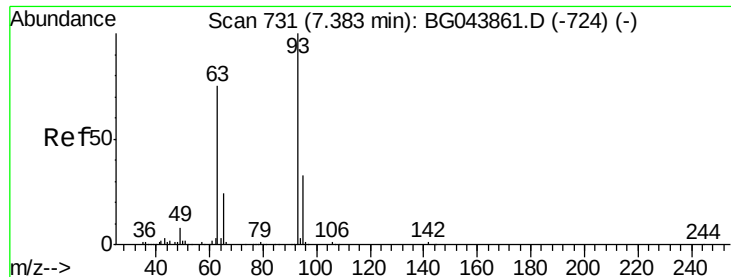
65 32.0 8.1 48.1

66 38.6 15.6 55.6



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



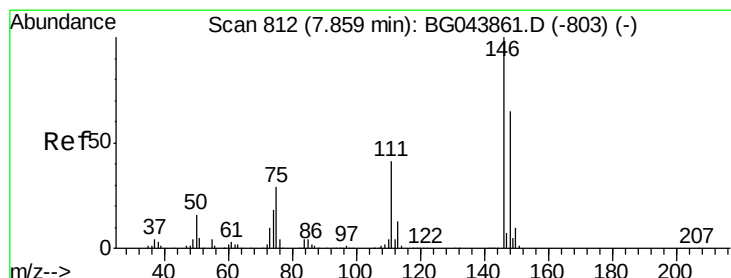
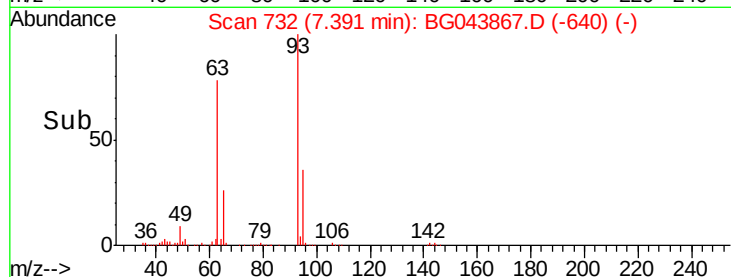
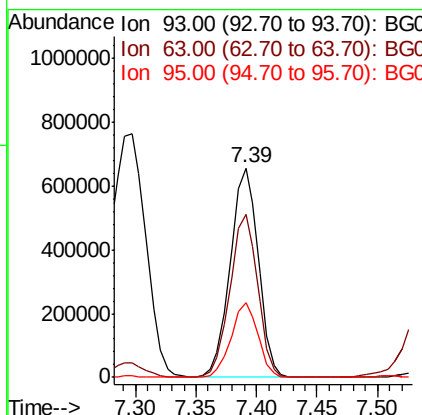
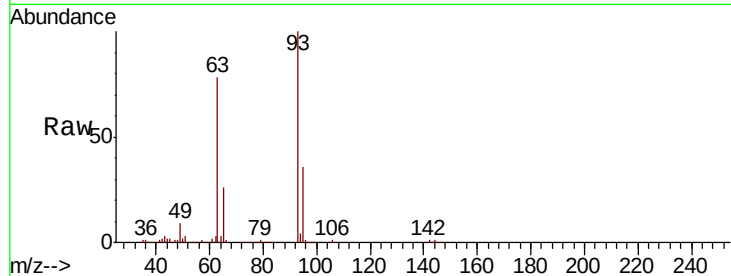


#11
 bis(2-Chloroethyl)ether
 Concen: 87.632 ng
 RT: 7.39 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 93 Resp: 1066582

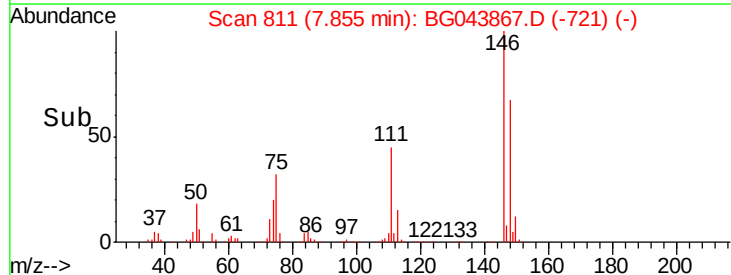
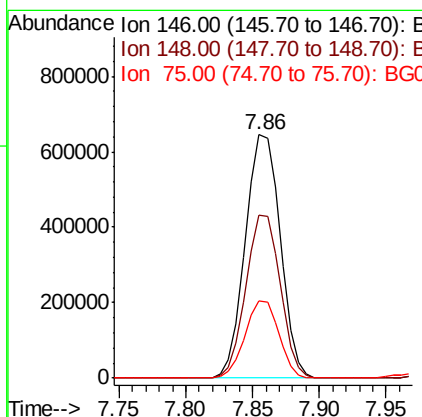
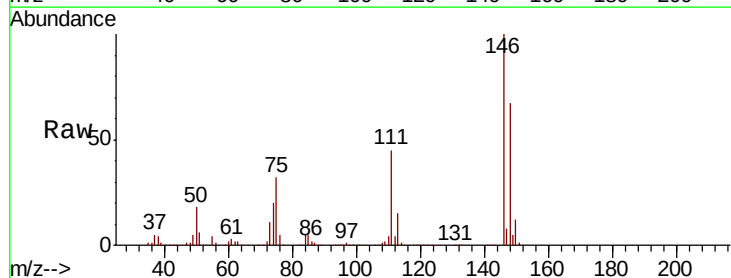
Ion	Ratio	Lower	Upper
93	100		
63	77.8	55.0	95.0
95	35.7	13.3	53.3

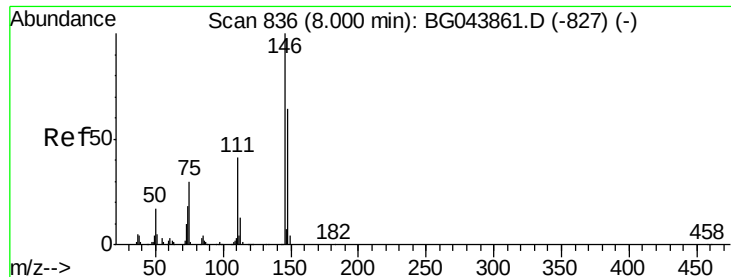


#12
 1,3-Dichlorobenzene
 Concen: 86.844 ng
 RT: 7.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Tgt Ion: 146 Resp: 1168422

Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.1	78.1
75	31.7	23.0	34.4

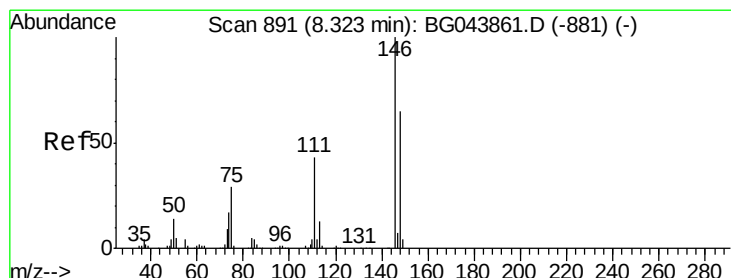
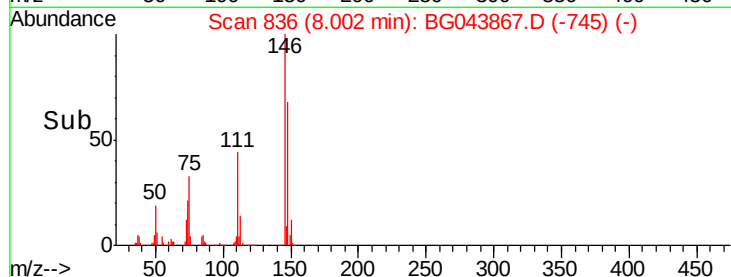
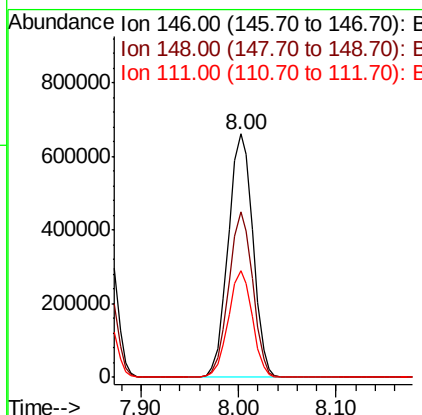
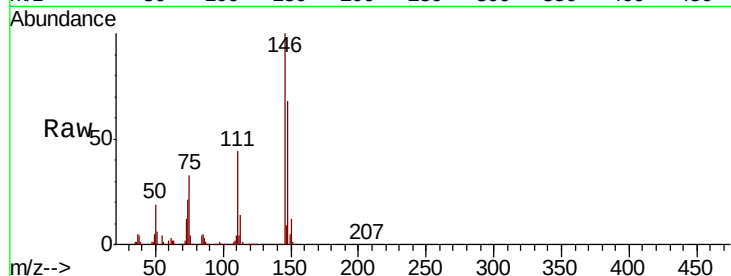




#13
 1,4-Dichlorobenzene
 Concen: 87.462 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

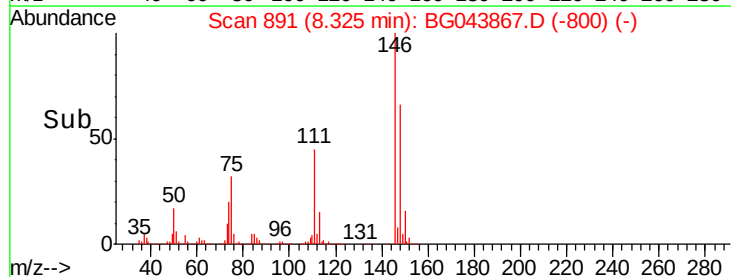
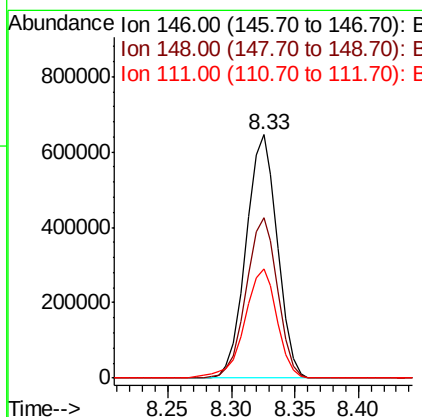
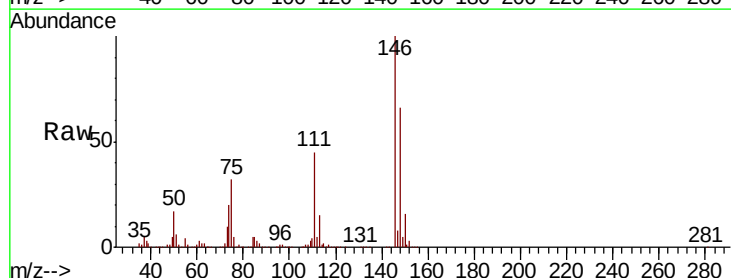
Instrument :
 BNA_G
 ClientSampled :

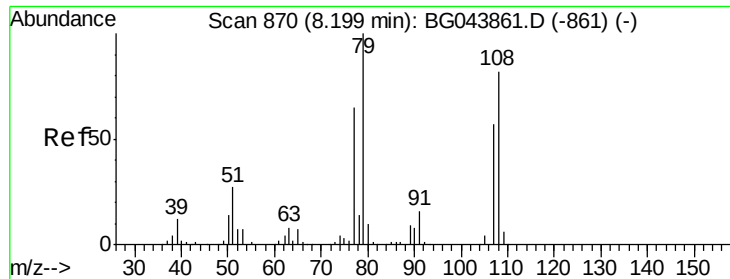
Tot Ion:146 Resp: 1160189
 Ion Ratio Lower Upper
 146 100
 148 68.1 51.2 76.8
 111 43.6 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 86.705 ng
 RT: 8.33 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Tgt Ion:146 Resp: 1105493
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.7 77.5
 111 44.7 34.4 51.6





#15

Benzyl Alcohol

Concen: 90.943 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

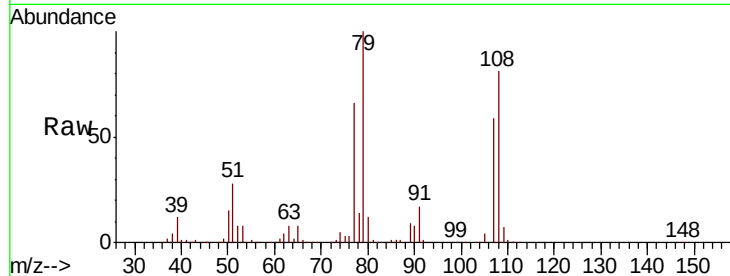
Tot Ion: 79 Resp: 982471

Ion Ratio Lower Upper

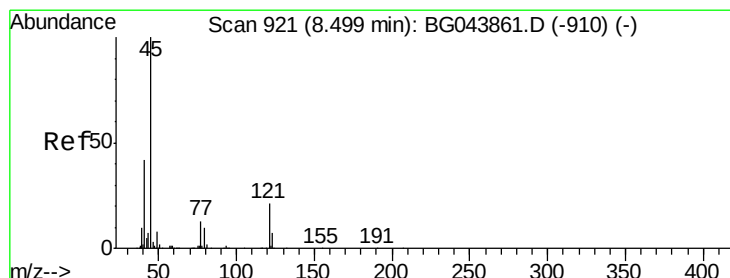
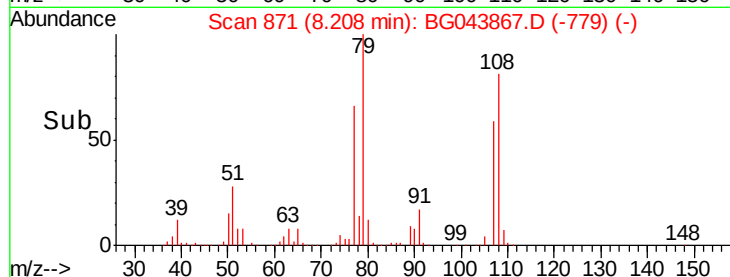
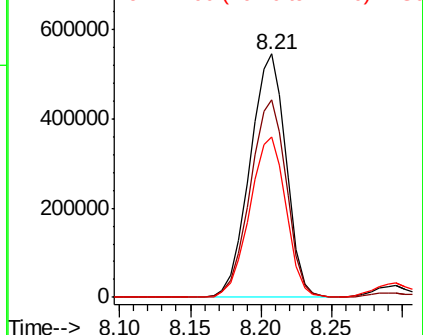
79 100

108 81.2 65.6 98.4

77 65.8 52.0 78.0



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: 88.493 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

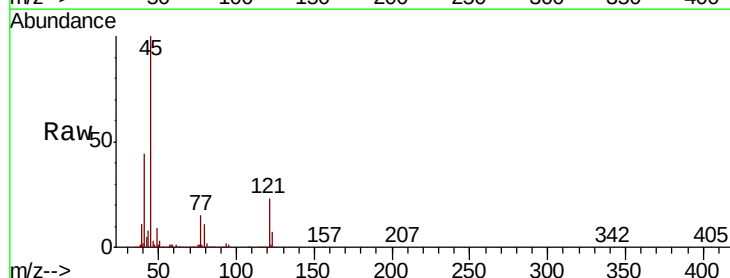
Tgt Ion: 45 Resp: 1669200

Ion Ratio Lower Upper

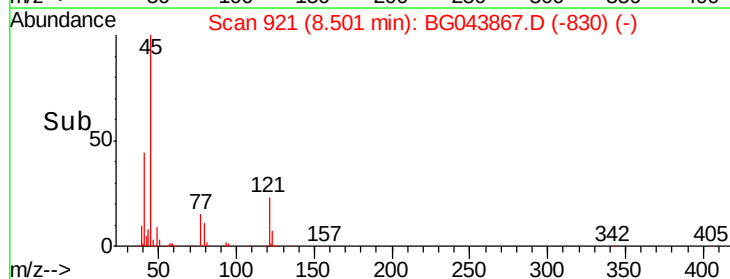
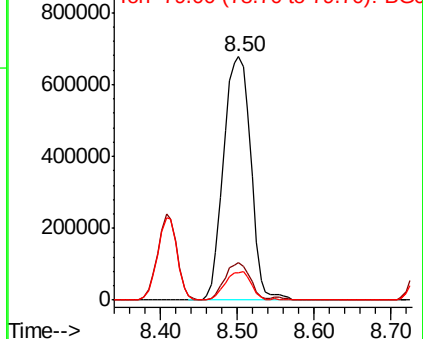
45 100

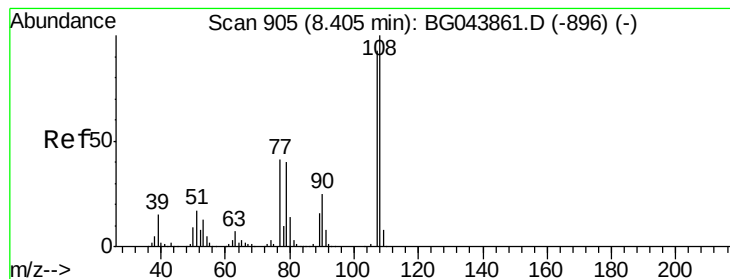
77 15.2 0.0 33.8

79 11.1 0.0 31.0



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





#17

2-Methylphenol

Concen: 90.414 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 922741

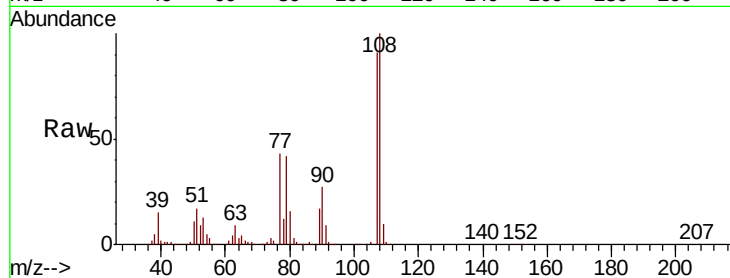
Ion Ratio Lower Upper

107 100

108 110.4 86.1 129.1

77 47.9 35.4 53.0

79 45.9 34.8 52.2

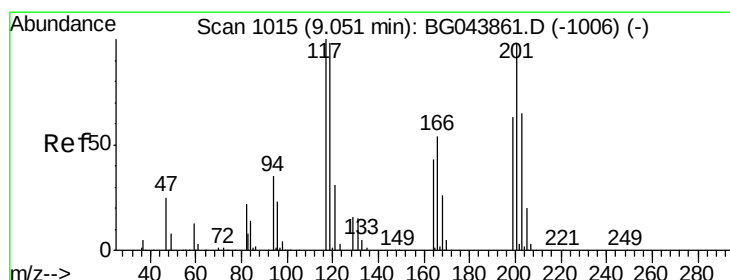
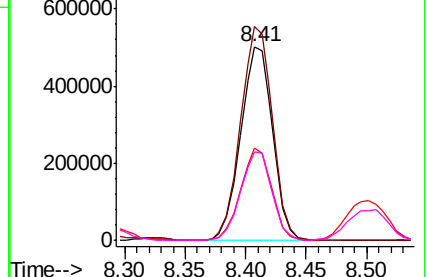
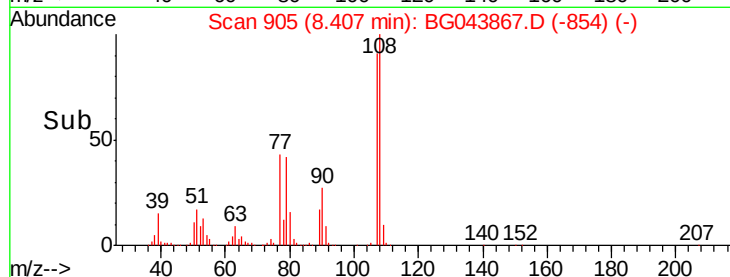


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 90.145 ng

RT: 9.05 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

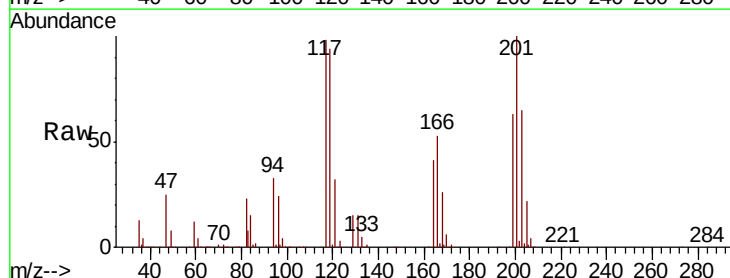
Tgt Ion:117 Resp: 467176

Ion Ratio Lower Upper

117 100

119 96.8 78.1 117.1

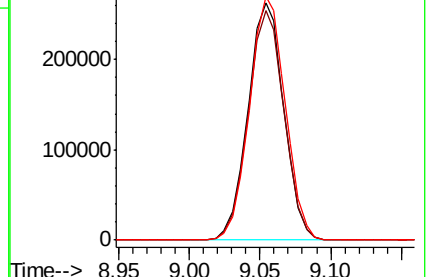
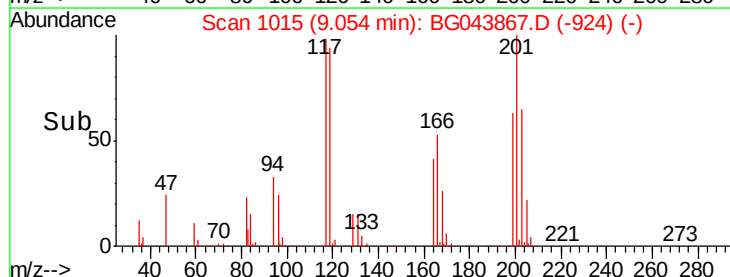
201 102.5 78.6 117.8

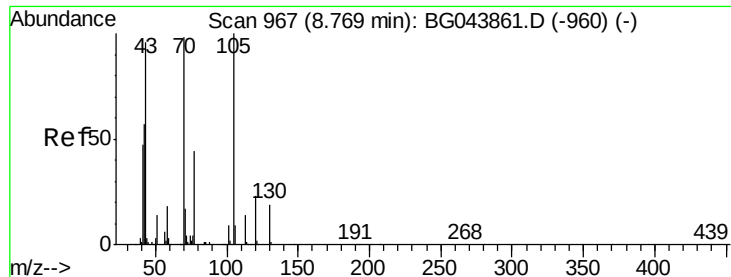


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 89.023 ng

RT: 8.79 min Scan# 970

Delta R.T. 0.02 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 908390

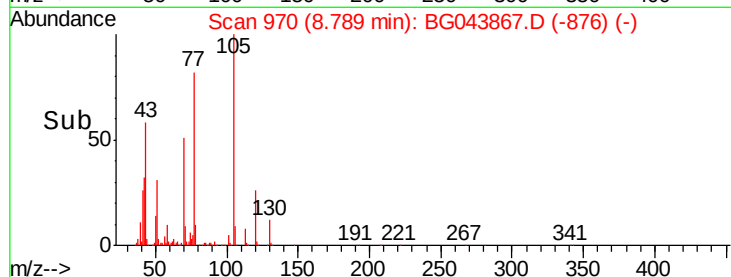
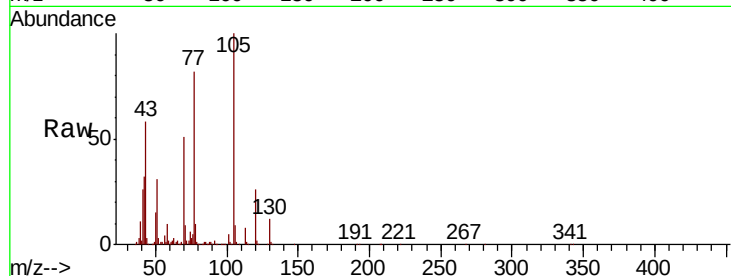
Ion Ratio Lower Upper

70 100

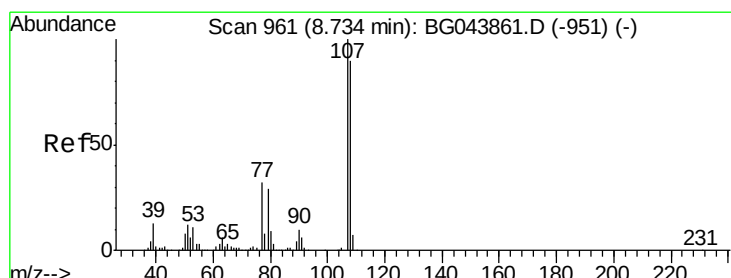
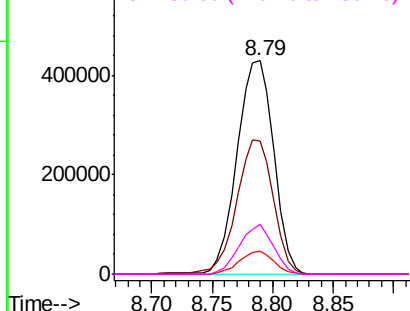
42 62.6 47.0 70.4

101 10.6 7.2 10.8

130 23.2 15.6 23.4



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: 88.847 ng

RT: 8.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Tgt Ion: 107 Resp: 1264534

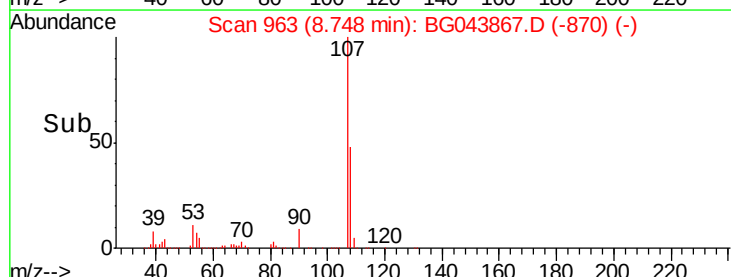
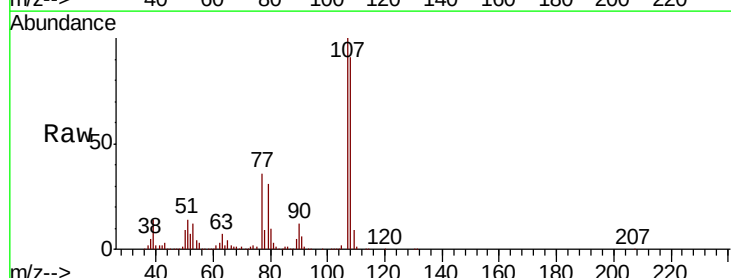
Ion Ratio Lower Upper

107 100

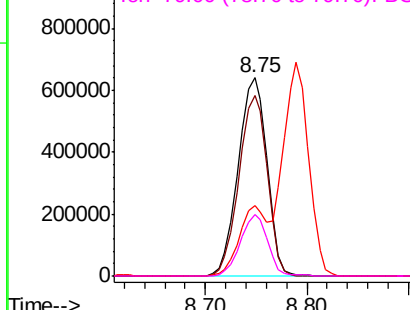
108 91.2 70.3 110.3

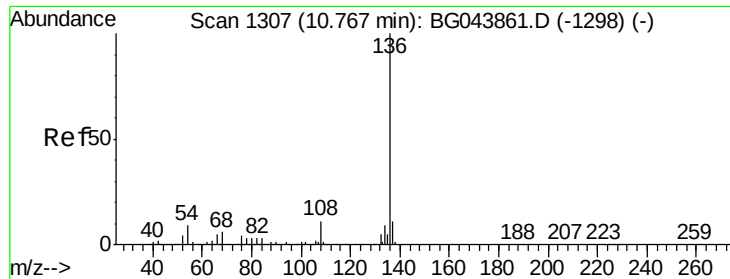
77 35.8 12.4 52.4

79 31.3 8.6 48.6



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

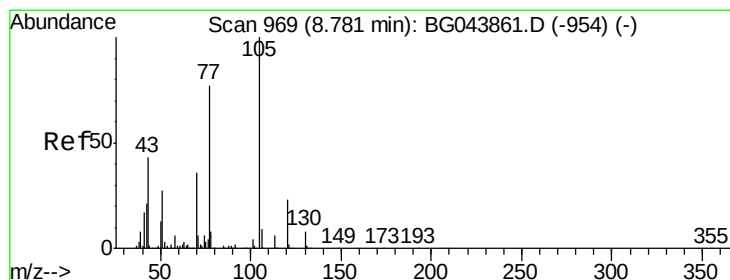
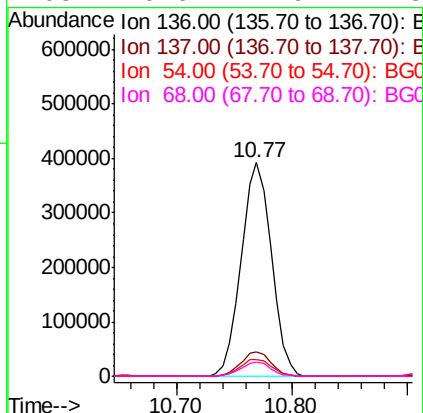
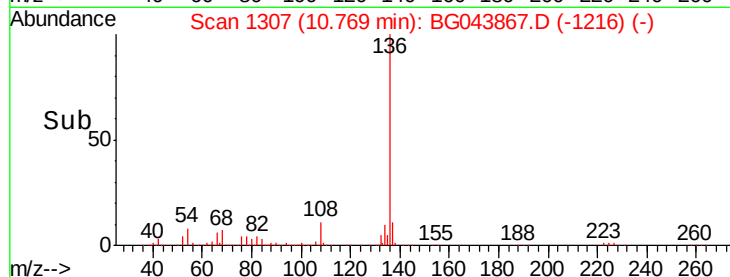
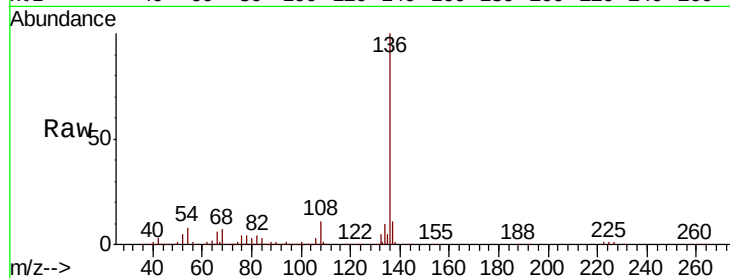




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

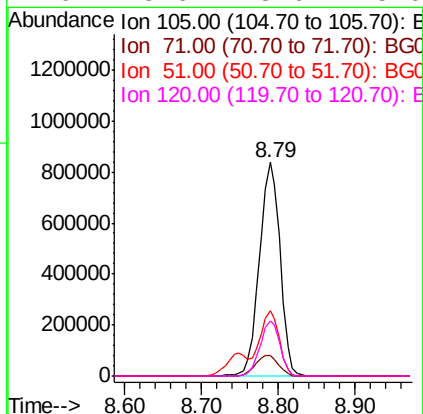
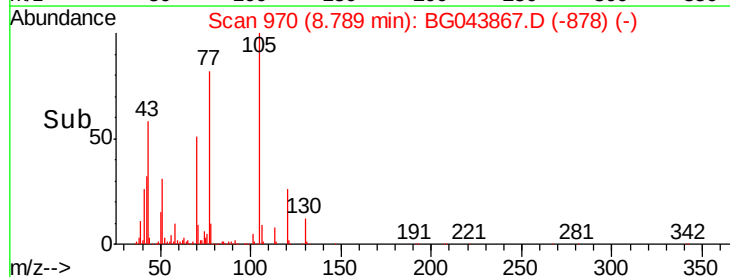
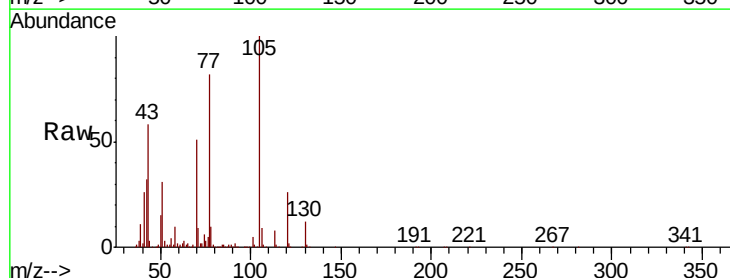
Instrument :
BNA_G
ClientSampleId :

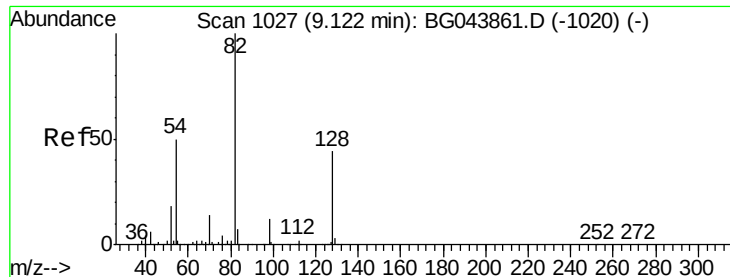
Tot Ion:136	Resp: 712923
Ion Ratio	Lower Upper
136 100	
137 11.4	8.8 13.2
54 7.9	7.0 10.4
68 6.6	4.9 7.3



#22
Acetophenone
Concen: 88.554 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Tgt	Ion:105	Resp:	1571114
Ion	Ratio	Lower	Upper
105	100		
71	9.3	4.8	7.2#
51	30.9	21.4	32.0
120	25.6	18.6	28.0





#23

Nitrobenzene-d5

Concen: 203.950 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

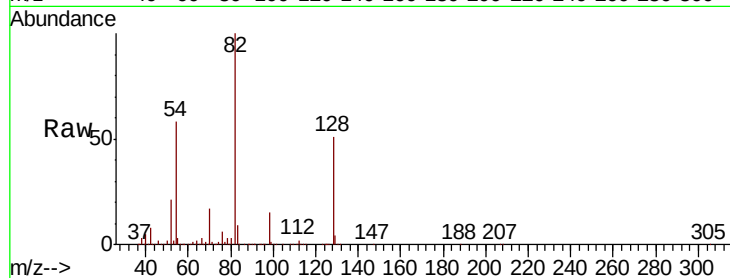
Tot Ion: 82 Resp: 2622905

Ion Ratio Lower Upper

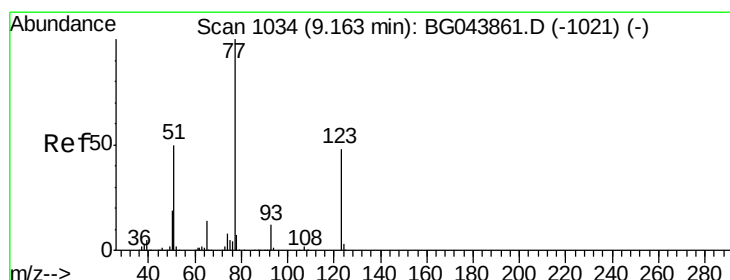
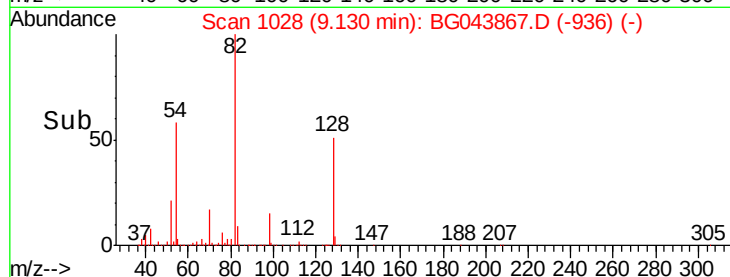
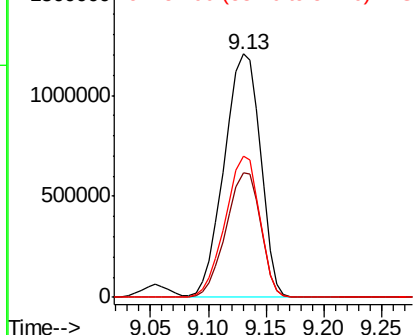
82 100

128 51.1 35.1 52.7

54 58.1 40.1 60.1



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



#24

Nitrobenzene

Concen: 92.673 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

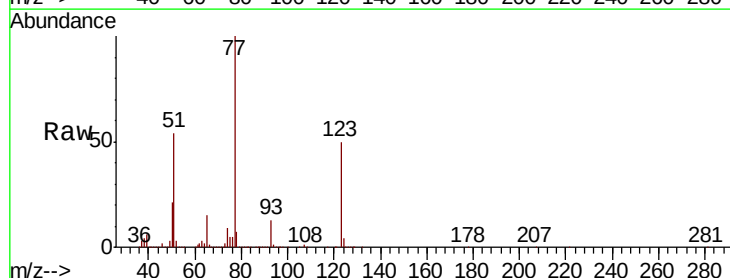
Tgt Ion: 77 Resp: 1222347

Ion Ratio Lower Upper

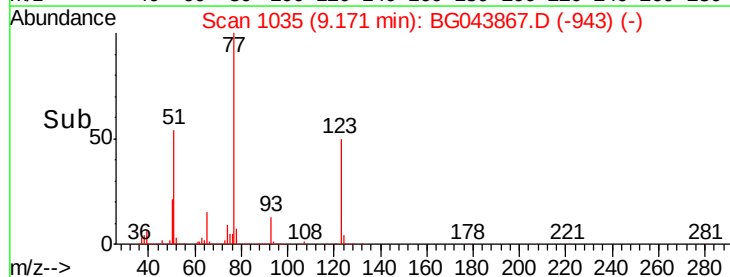
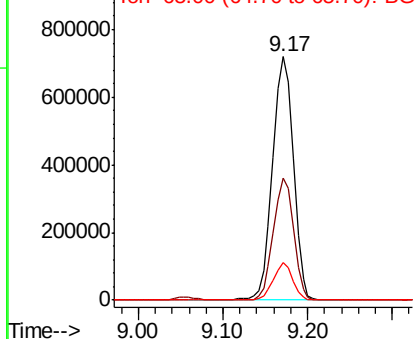
77 100

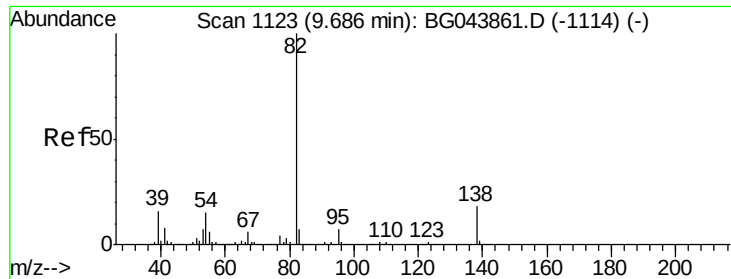
123 50.1 38.7 58.1

65 15.2 11.1 16.7



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





#25

Isophorone

Concen: 90.877 ng

RT: 9.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

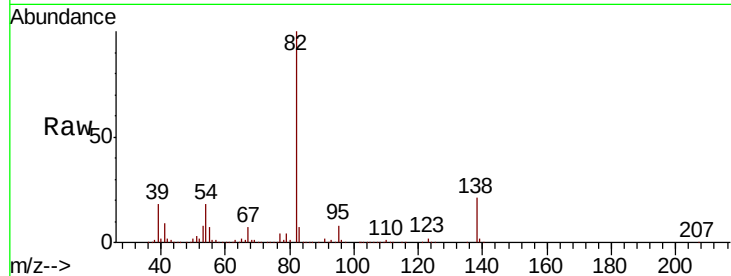
Tot Ion: 82 Resp: 2271636

Ion Ratio Lower Upper

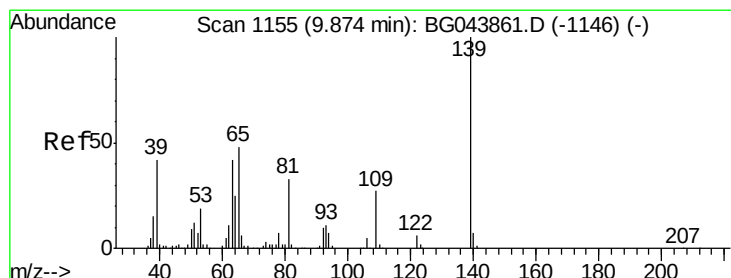
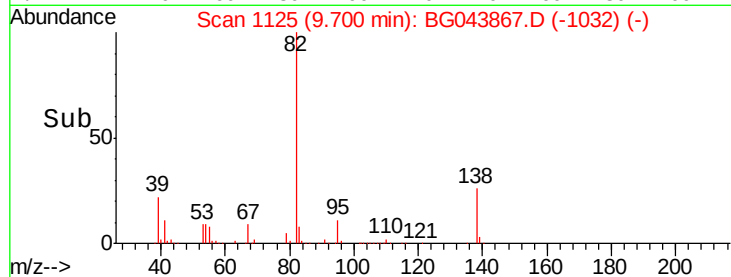
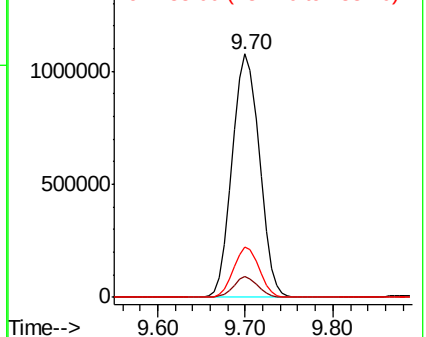
82 100

95 8.5 5.8 8.6

138 20.7 14.6 22.0



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: 102.500 ng

RT: 9.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

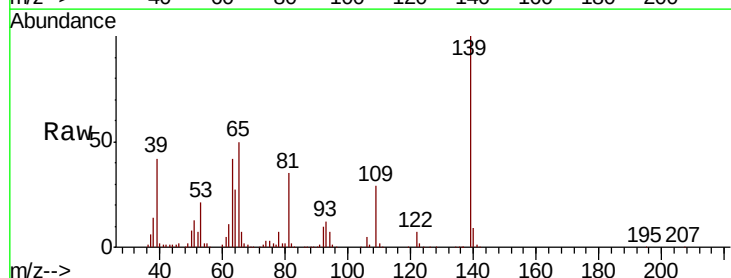
Tgt Ion: 139 Resp: 640045

Ion Ratio Lower Upper

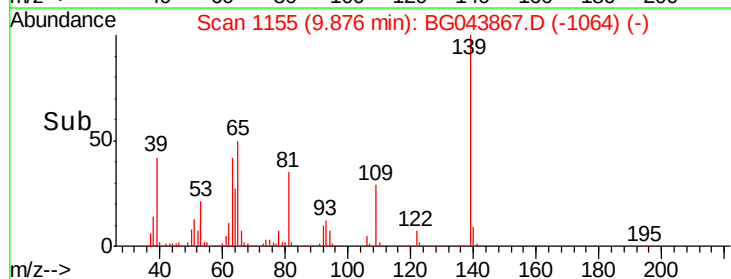
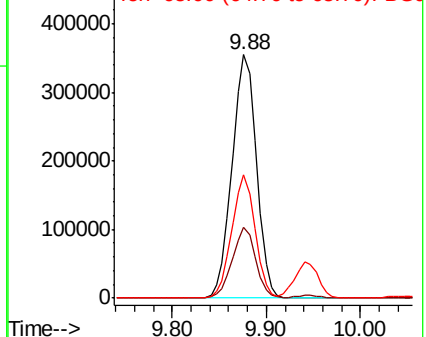
139 100

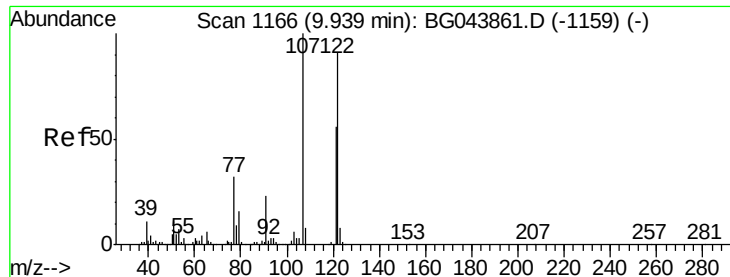
109 28.9 21.3 31.9

65 50.4 38.6 57.8



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

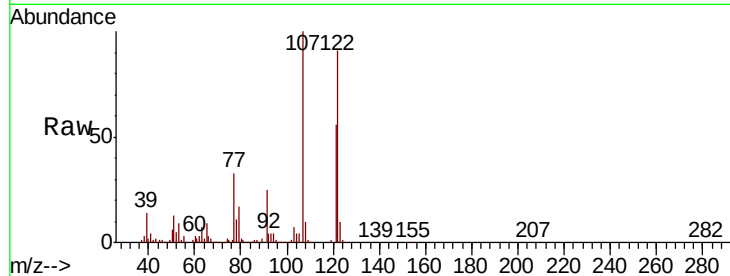




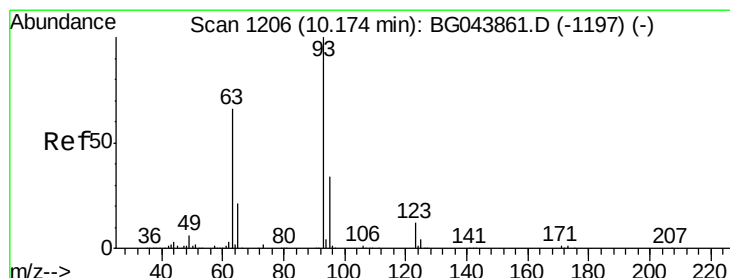
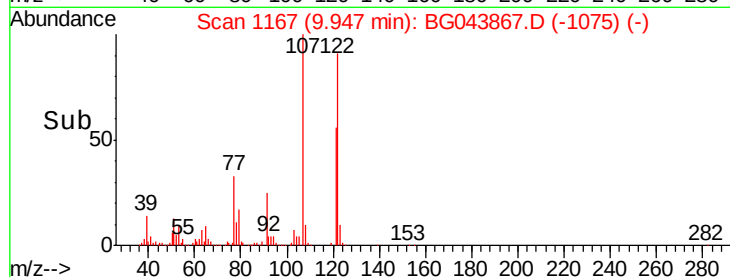
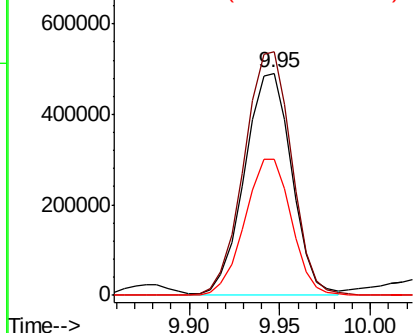
#27
 2,4-Dimethylphenol
 Concen: 94.746 ng
 RT: 9.95 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	88.0	132.0
121	61.5	49.0	73.4

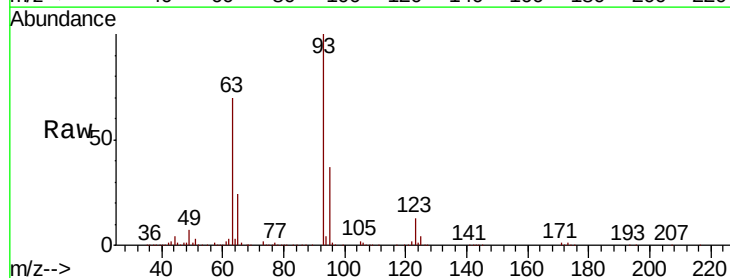


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

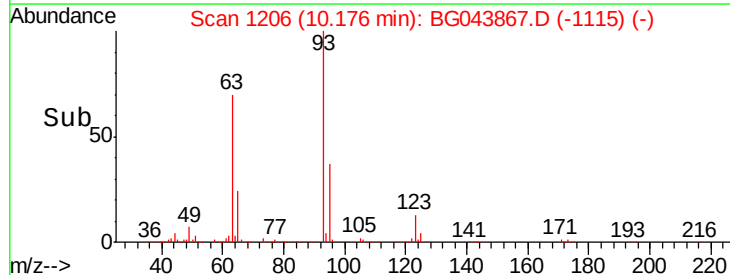
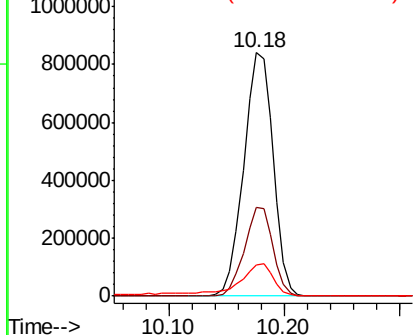


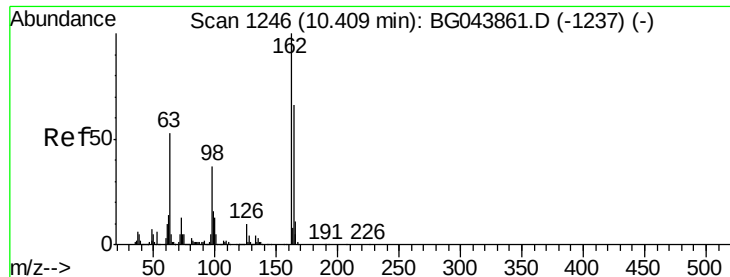
#28
 bis(2-Chloroethoxy)methane
 Concen: 88.870 ng
 RT: 10.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.6	27.2	40.8
123	13.0	9.7	14.5



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

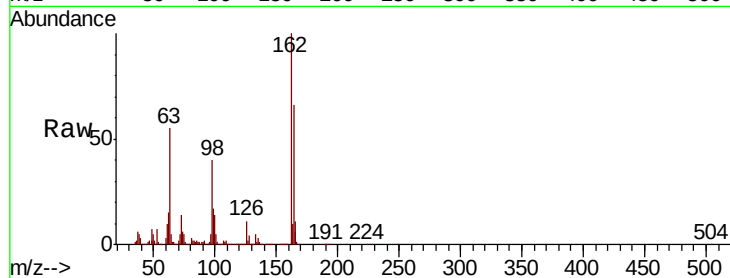




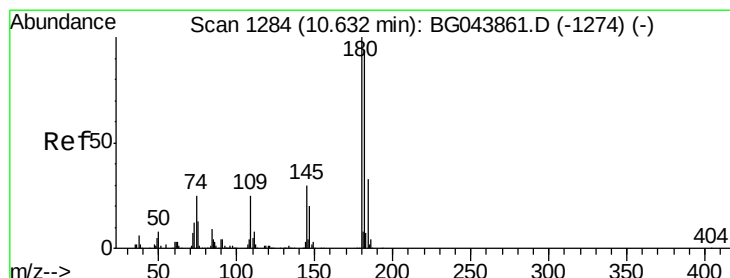
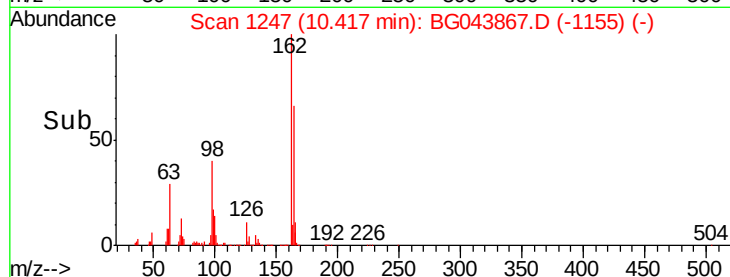
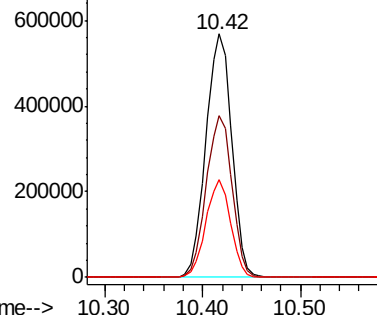
#29
2,4-Dichlorophenol
Concen: 93.726 ng
RT: 10.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 1049126
Ion Ratio Lower Upper
162 100
164 66.2 46.3 86.3
98 40.3 17.3 57.3

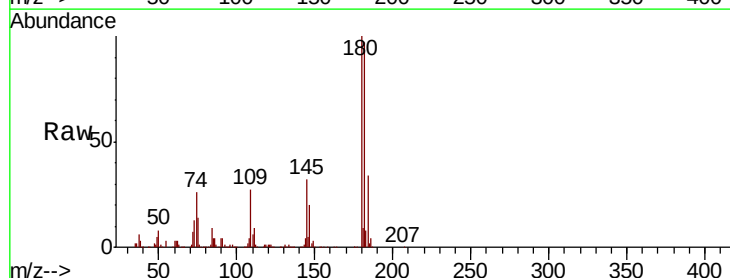


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

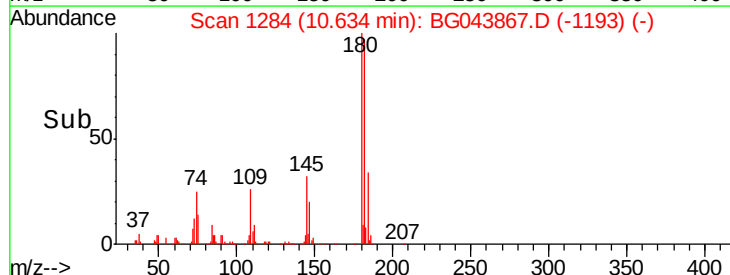
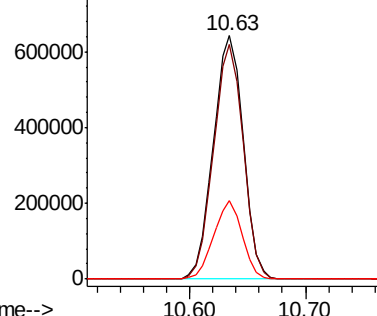


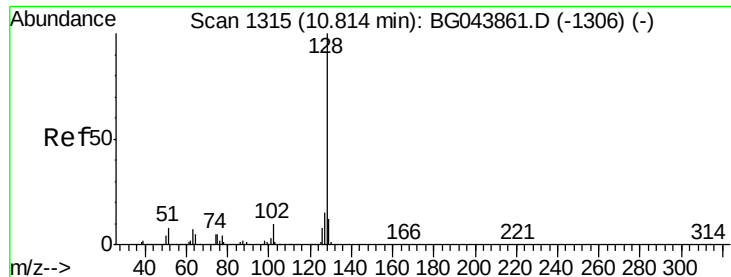
#30
1,2,4-Trichlorobenzene
Concen: 91.814 ng
RT: 10.63 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Tgt Ion:180 Resp: 1154453
Ion Ratio Lower Upper
180 100
182 96.6 75.0 112.4
145 32.1 24.2 36.4



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

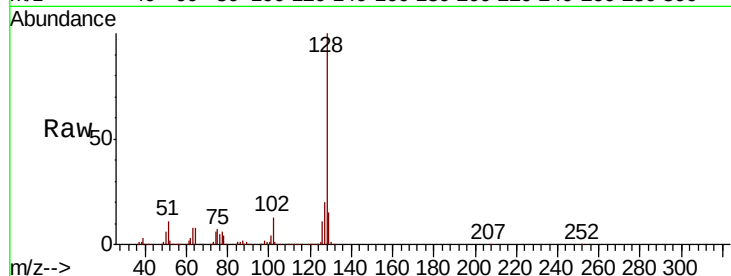




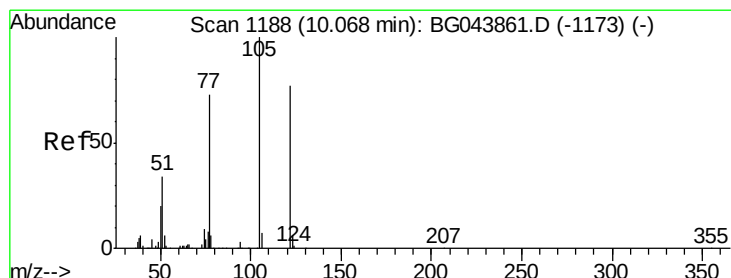
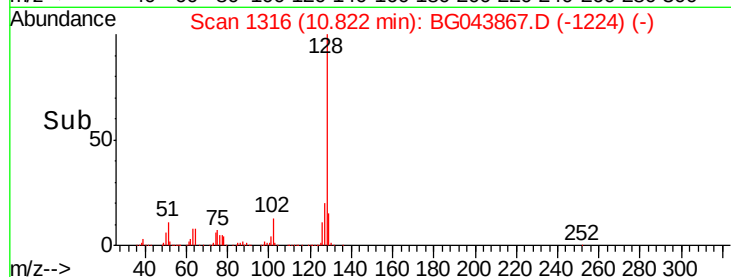
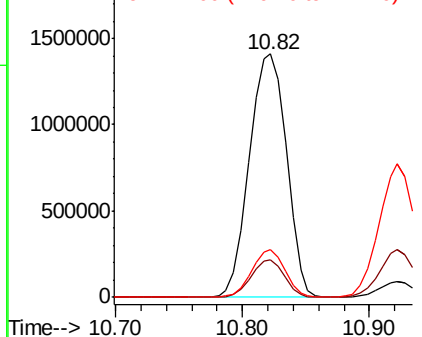
#31
Naphthalene
Concen: 83.273 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 2872473
Ion Ratio Lower Upper
128 100
129 15.5 9.8 14.6#
127 19.8 12.0 18.0#

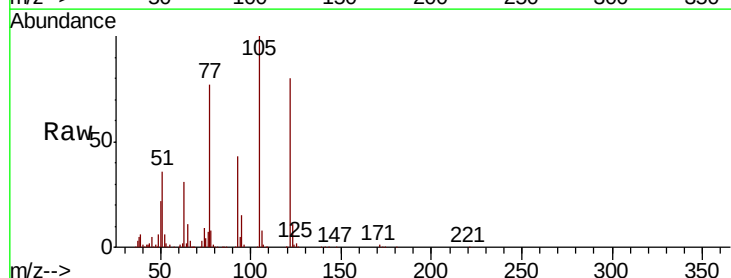


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

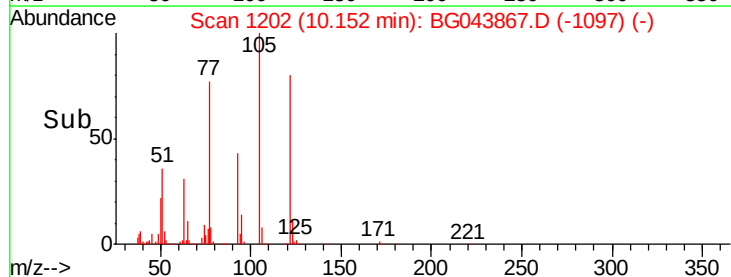
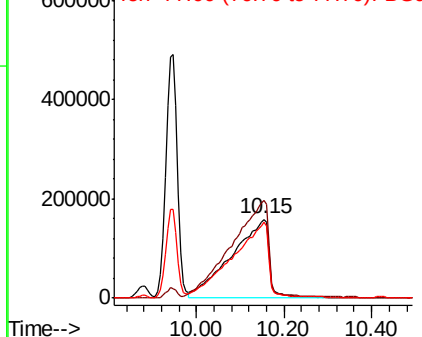


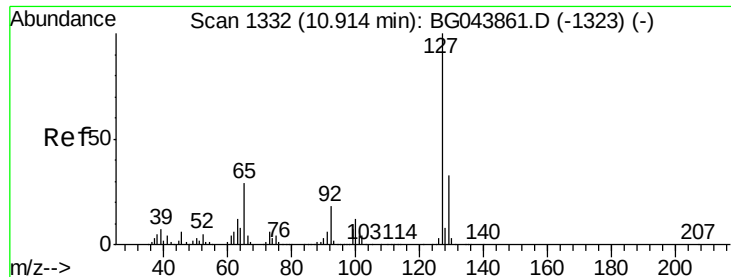
#32
Benzoic acid
Concen: 126.705 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.08 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Tgt Ion:122 Resp: 918893
Ion Ratio Lower Upper
122 100
105 124.7 106.4 146.4
77 96.2 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

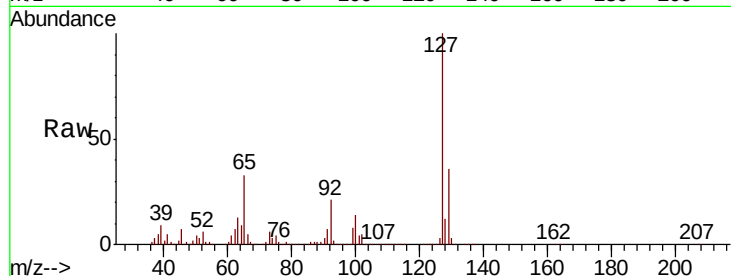




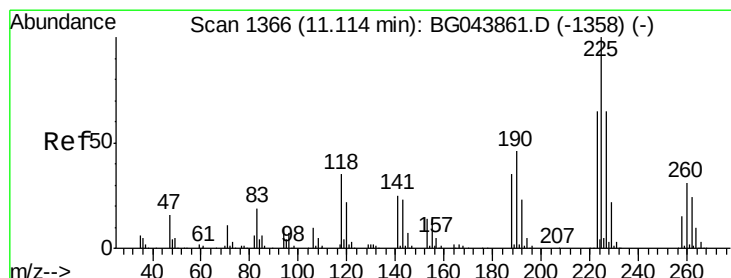
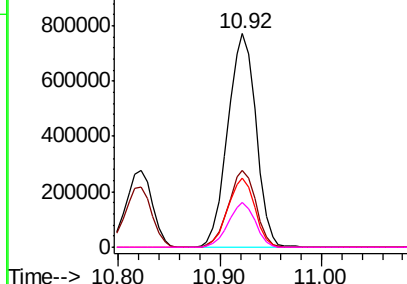
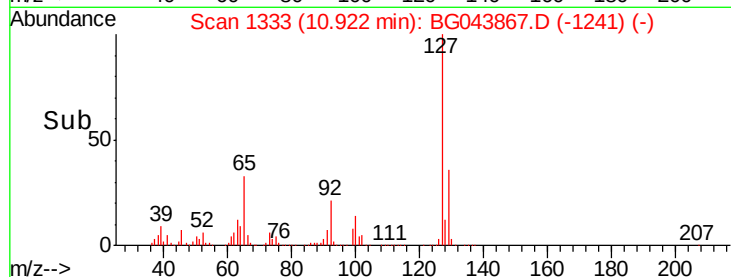
#33
4-Chloroaniline
Concen: 90.684 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:127 Resp: 1489935
Ion Ratio Lower Upper
127 100
129 35.9 26.6 40.0
65 32.6 23.3 34.9
92 20.9 14.7 22.1

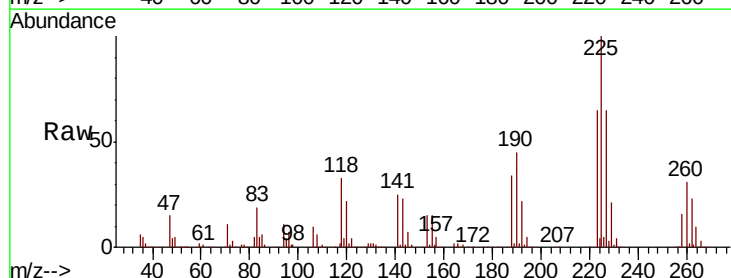


Abundance Ion 127.00 (126.70 to 127.70): E
1200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

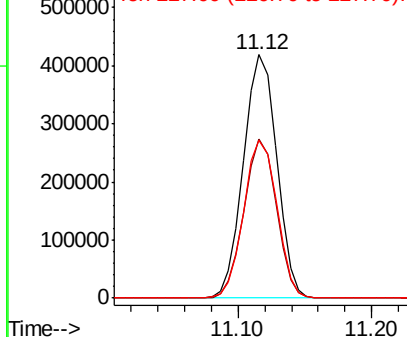
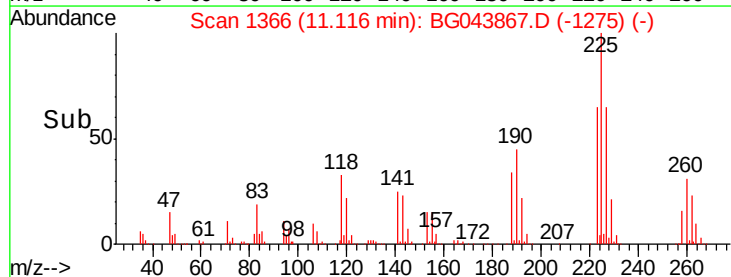


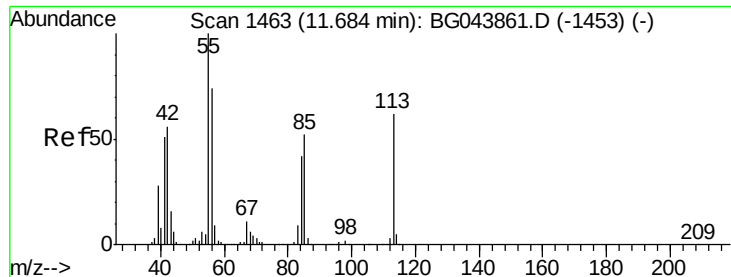
#34
Hexachlorobutadiene
Concen: 94.283 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Tgt Ion:225 Resp: 723503
Ion Ratio Lower Upper
225 100
223 65.2 52.2 78.4
227 65.1 52.1 78.1



Abundance Ion 225.00 (224.70 to 225.70): E
500000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 77.814 ng

RT: 11.73 min Scan# 1471

Delta R.T. 0.05 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampled :

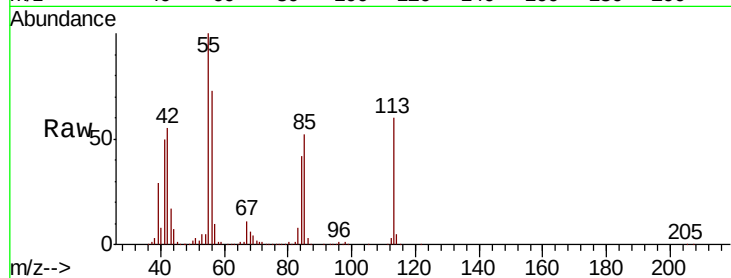
Tot Ion:113 Resp: 323810

Ion Ratio Lower Upper

113 100

55 167.2 142.5 182.5

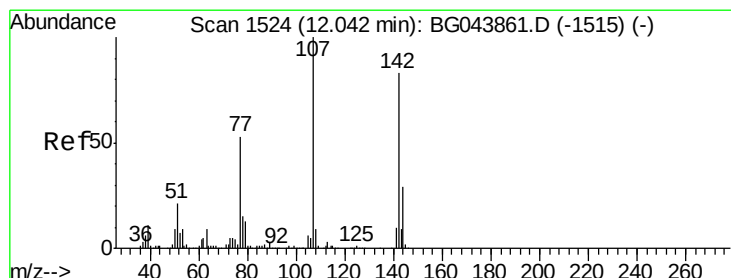
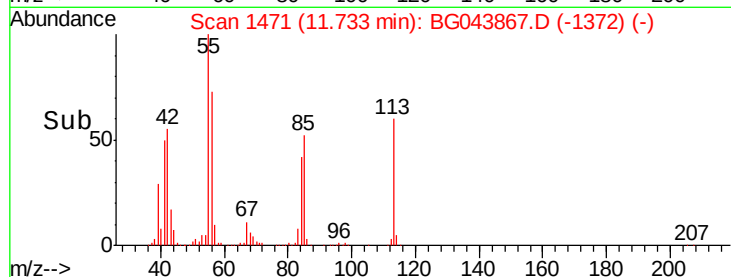
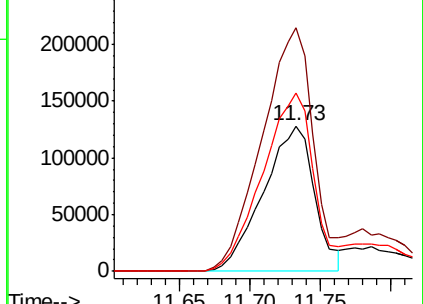
56 122.7 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 92.042 ng

RT: 12.06 min Scan# 1526

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

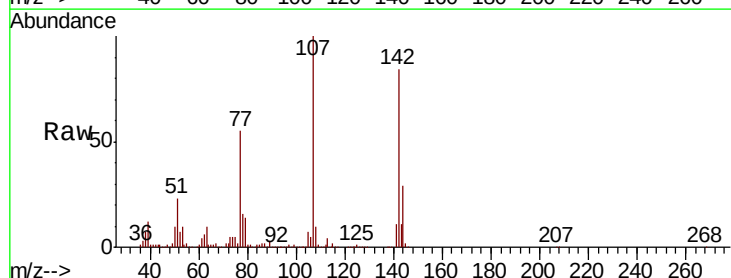
Tgt Ion:107 Resp: 1101327

Ion Ratio Lower Upper

107 100

144 29.1 23.4 35.2

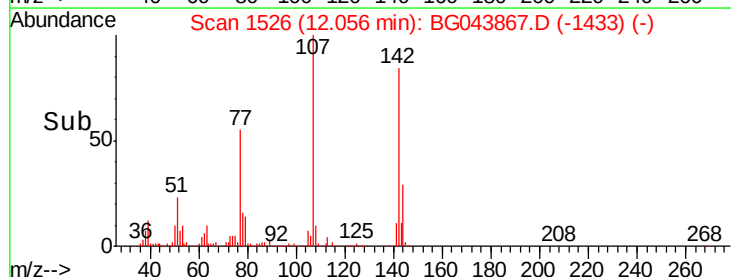
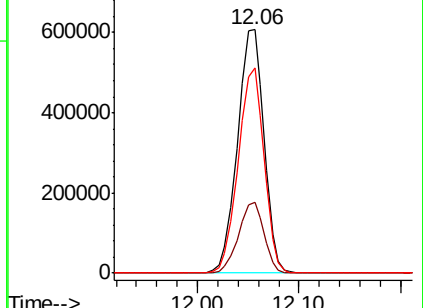
142 84.2 66.3 99.5

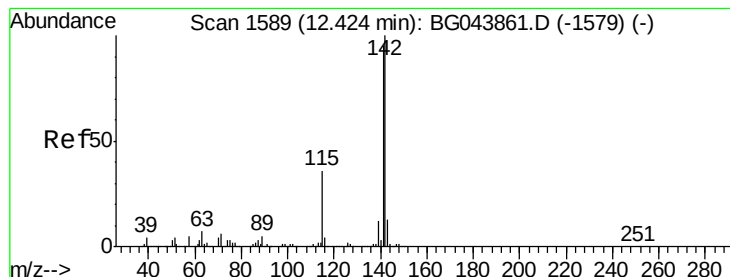


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 85.951 ng

RT: 12.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

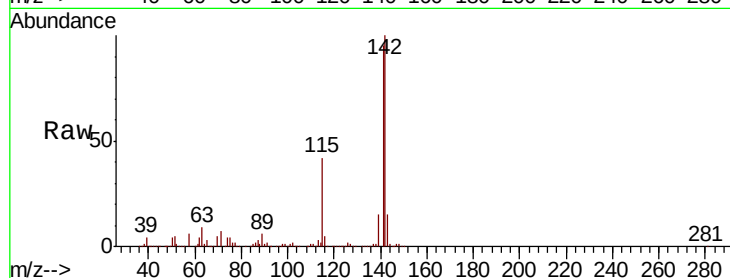
Instrument :

BNA_G

ClientSampleId :

Tot Ion:142 Resp: 2232015

Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.8	113.8
115	41.7	28.6	42.8

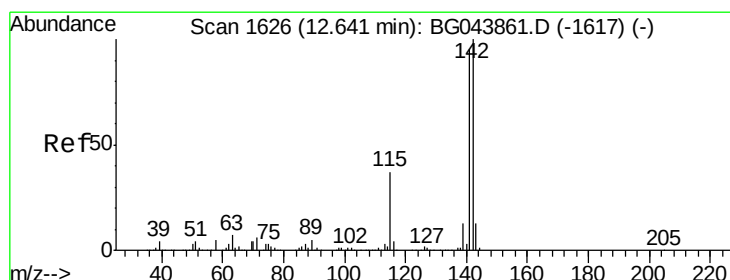
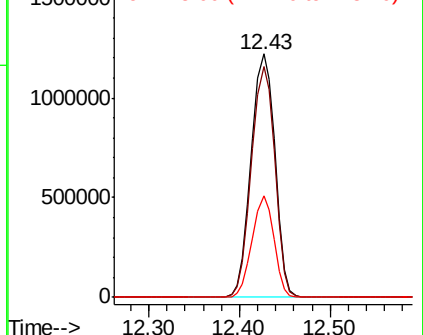
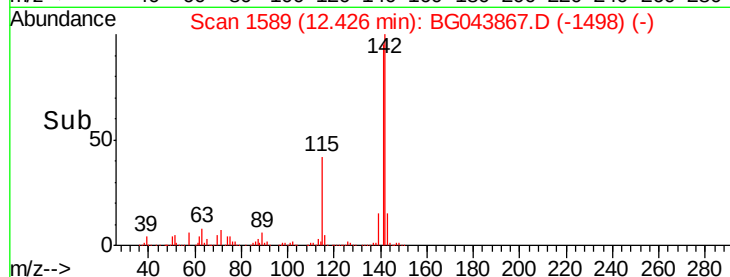


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 86.325 ng

RT: 12.64 min Scan# 1626

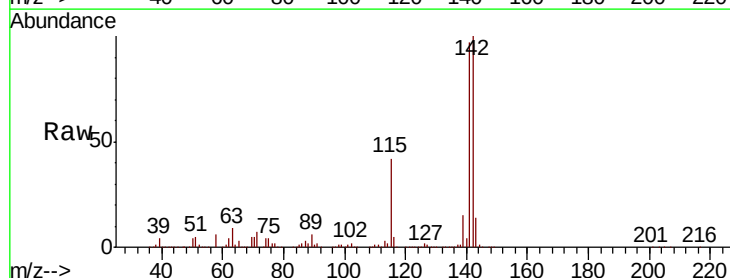
Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Tgt Ion:142 Resp: 2124814

Ion	Ratio	Lower	Upper
142	100		
141	97.1	76.0	114.0
116	4.8	3.1	4.7#

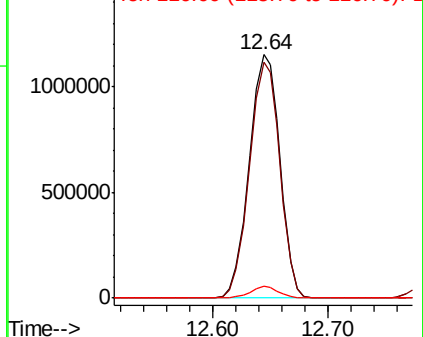
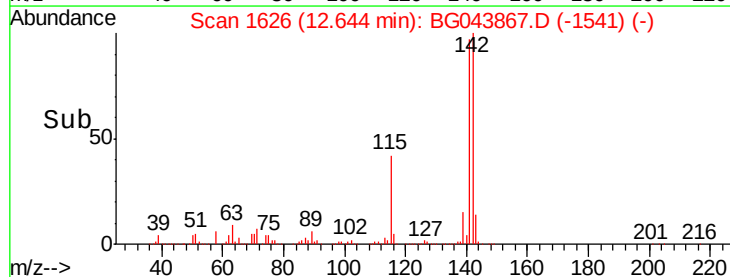


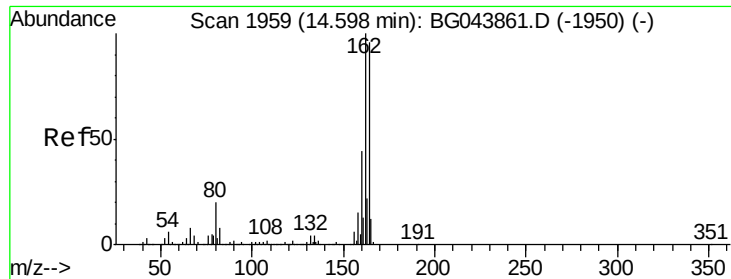
Abundance

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: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

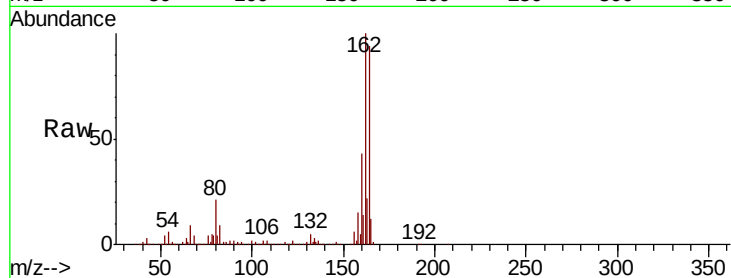
Tot Ion:164 Resp: 444403

Ion Ratio Lower Upper

164 100

162 105.9 83.0 124.4

160 45.8 36.1 54.1

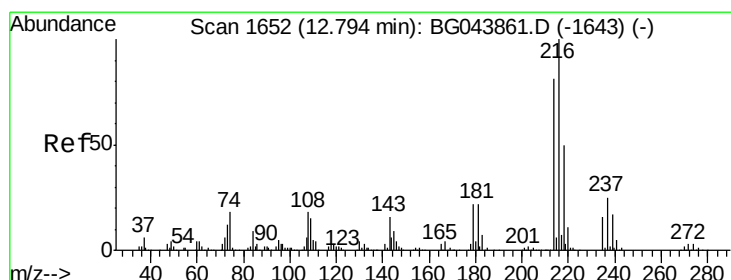
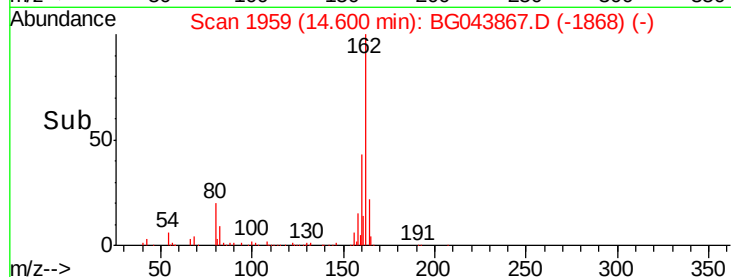
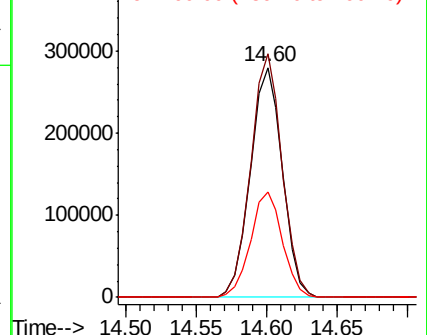


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 92.607 ng

RT: 12.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Tgt Ion:216 Resp: 1205026

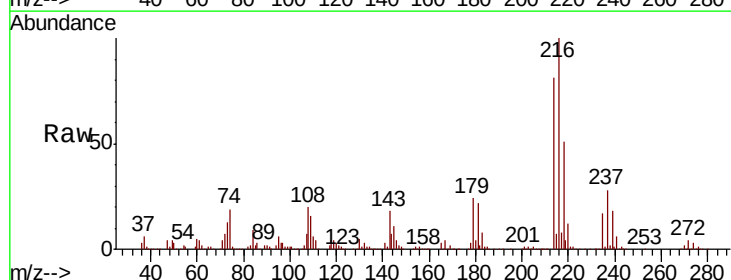
Ion Ratio Lower Upper

216 100

214 80.7 63.8 95.8

179 23.1 17.3 25.9

108 20.2 15.3 22.9



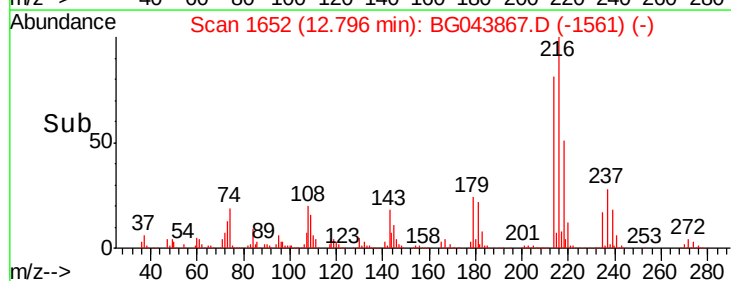
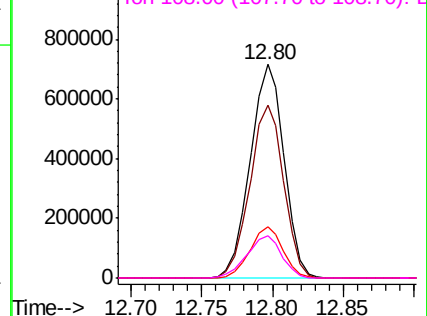
Abundance

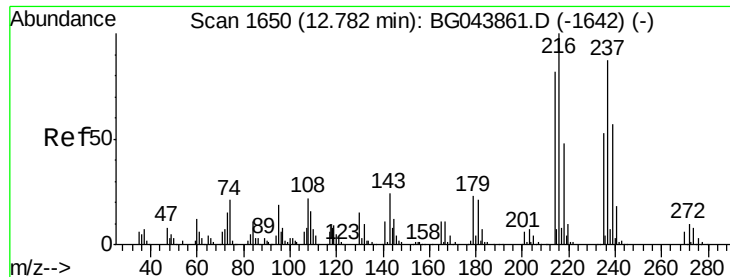
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

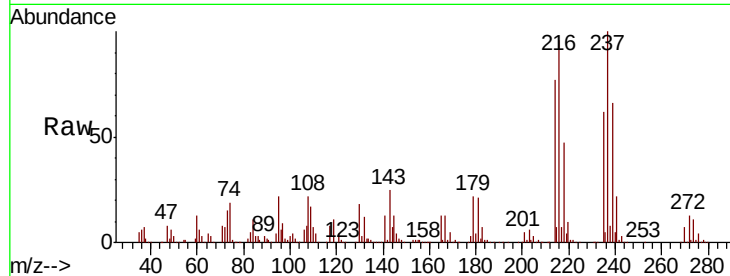




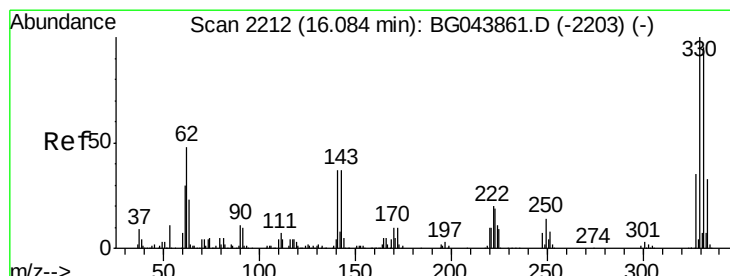
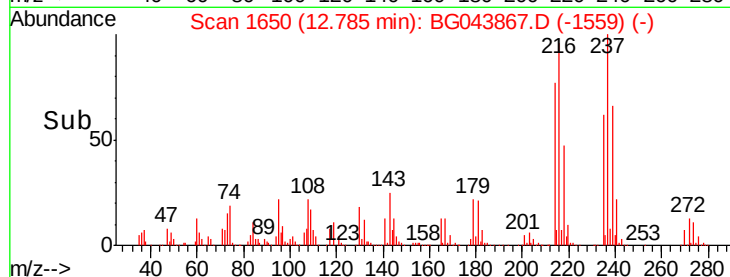
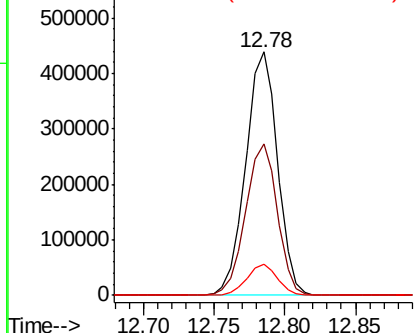
#41
Hexachlorocyclopentadiene
Concen: 101.945 ng
RT: 12.78 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.1	81.1
272	12.7	0.0	31.7

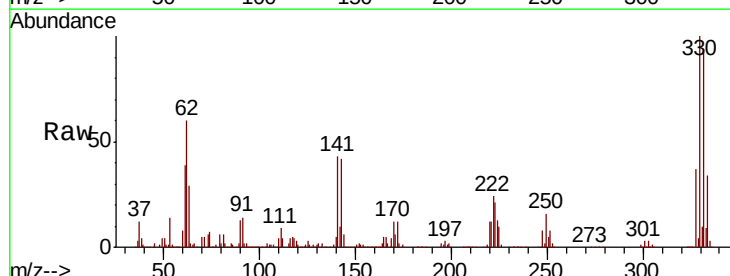


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

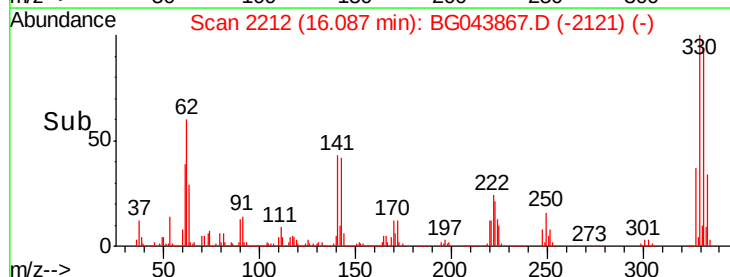
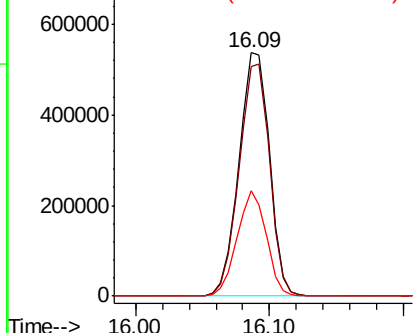


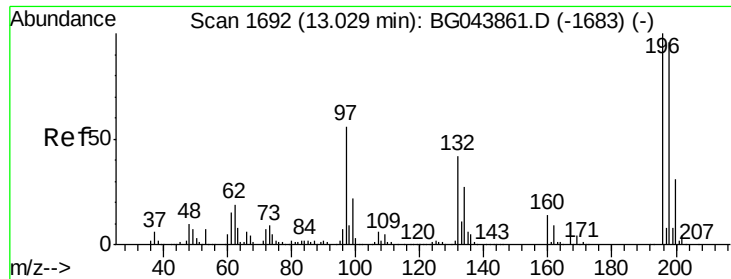
#42
2,4,6-Tribromophenol
Concen: 182.222 ng
RT: 16.09 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.2	115.8
141	41.5	33.1	49.7



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

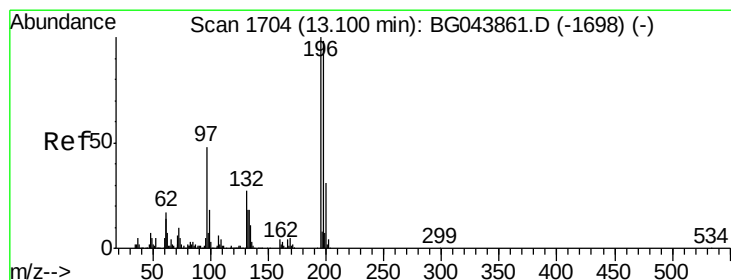
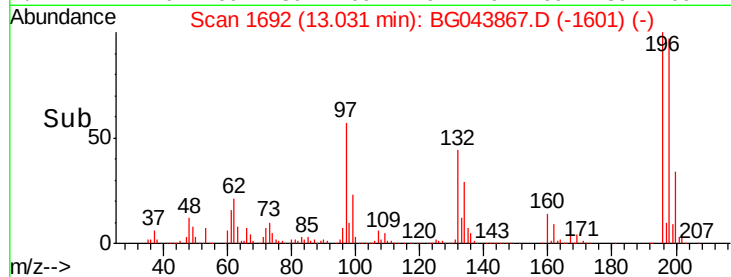
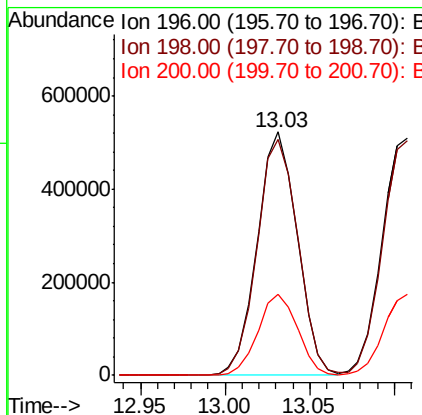
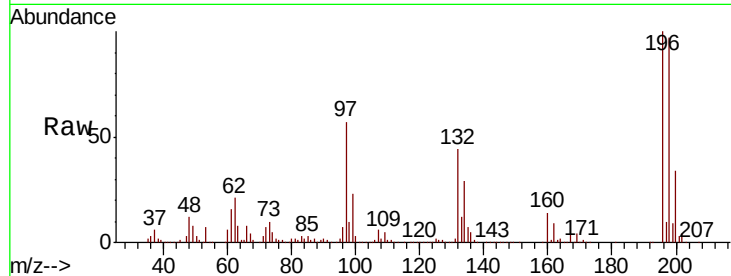




#43
 2,4,6-Trichlorophenol
 Concen: 95.717 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

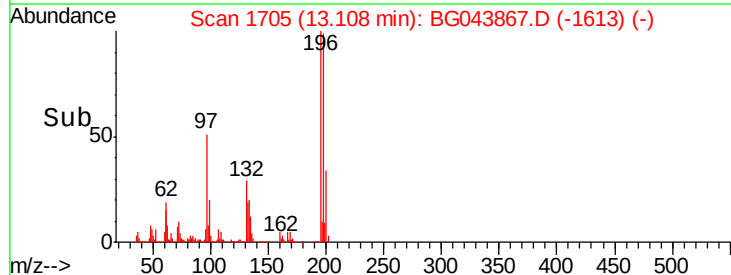
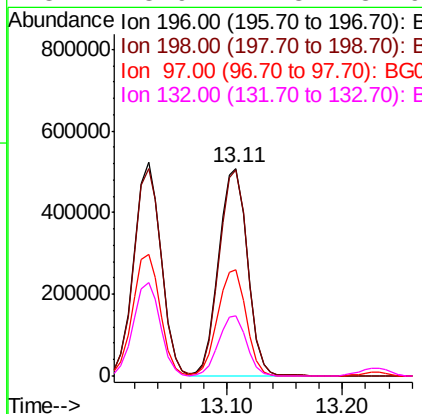
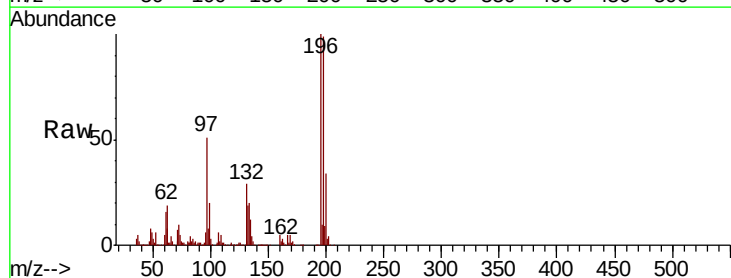
Instrument :
 BNA_G
 ClientSampleId :

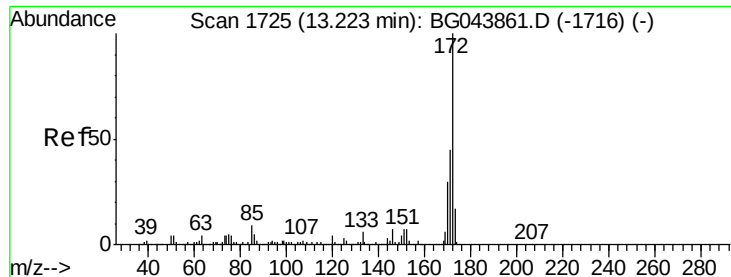
Tot Ion:196 Resp: 859142
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.6 115.0
 200 33.5 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 95.007 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Tgt Ion:196 Resp: 877627
 Ion Ratio Lower Upper
 196 100
 198 99.2 78.3 117.5
 97 51.0 38.8 58.2
 132 28.9 21.3 31.9

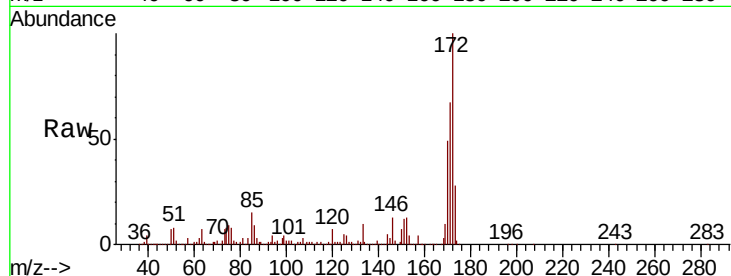




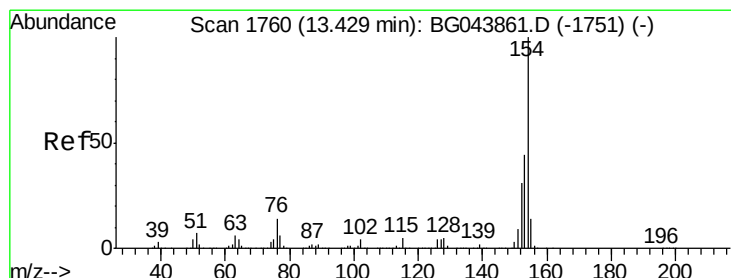
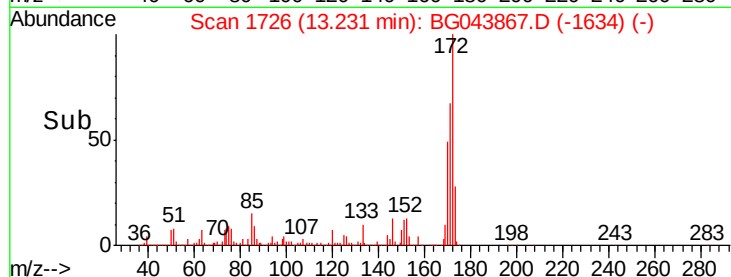
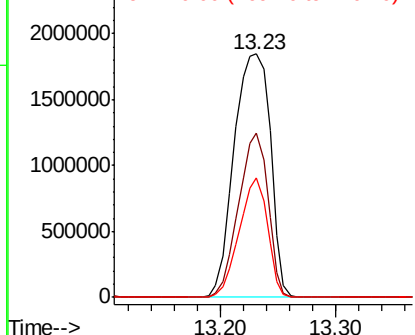
#45
2-Fluorobiphenyl
Concen: 162.476 ng
RT: 13.23 min Scan# 1726
Delta R.T. 0.01 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 4028067
Ion Ratio Lower Upper
172 100
171 67.4 35.8 53.8#
170 48.9 24.2 36.4#

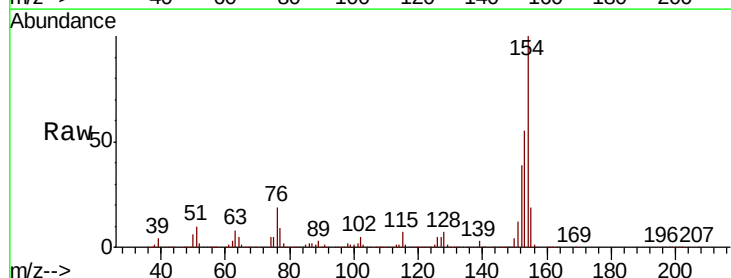


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

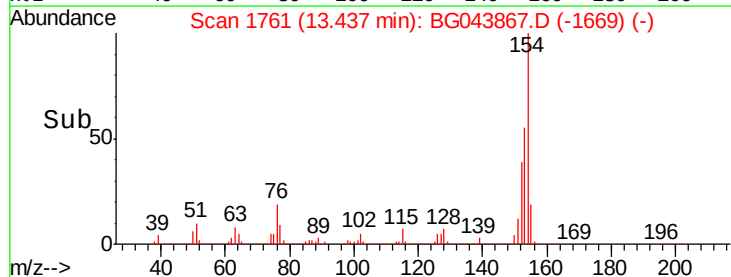
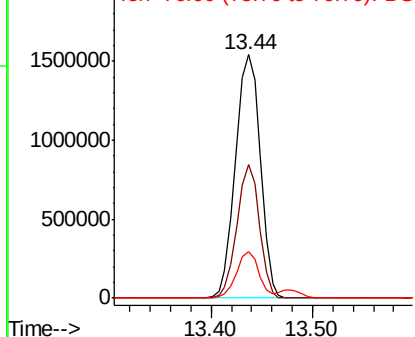


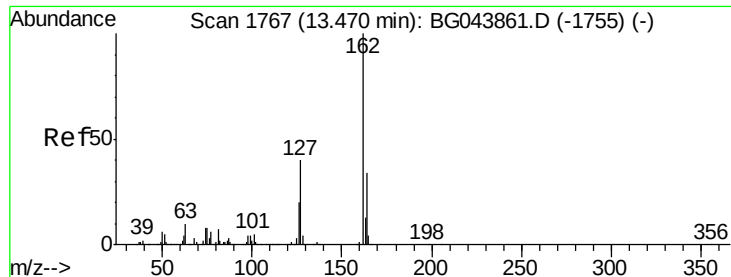
#46
1,1'-Biphenyl
Concen: 82.126 ng
RT: 13.44 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Tgt Ion:154 Resp: 2621224
Ion Ratio Lower Upper
154 100
153 55.1 23.6 63.6
76 19.3 0.0 34.4



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

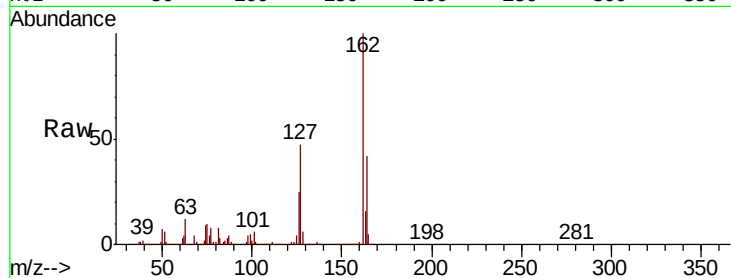




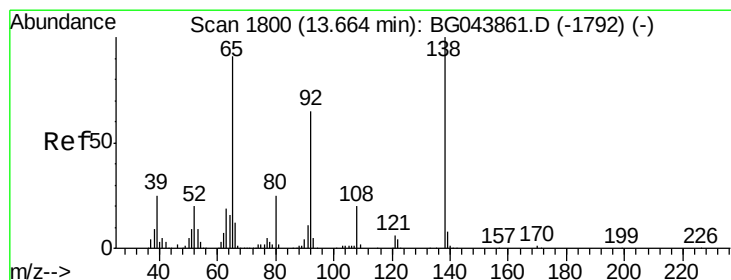
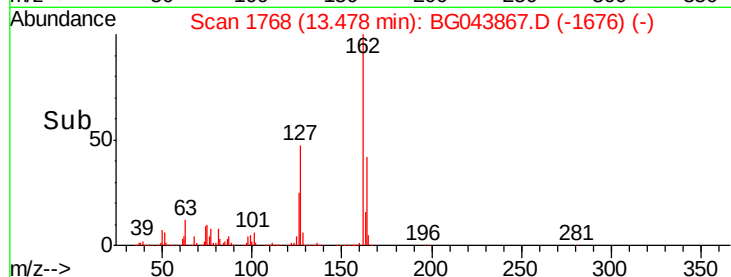
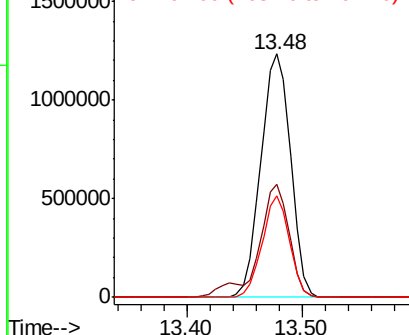
#47
2-Chloronaphthalene
Concen: 86.137 ng
RT: 13.48 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 2215125
Ion Ratio Lower Upper
162 100
127 46.6 32.1 48.1
164 41.8 27.5 41.3#

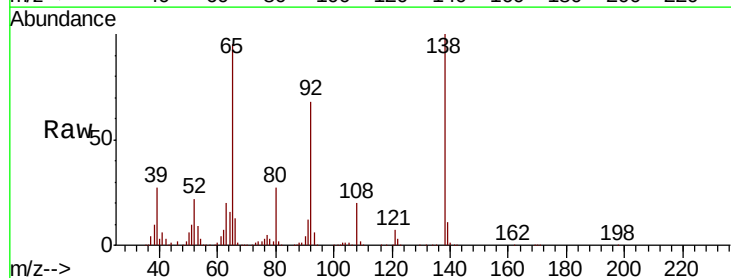


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

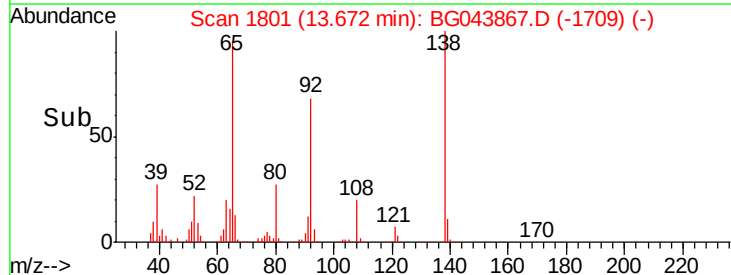
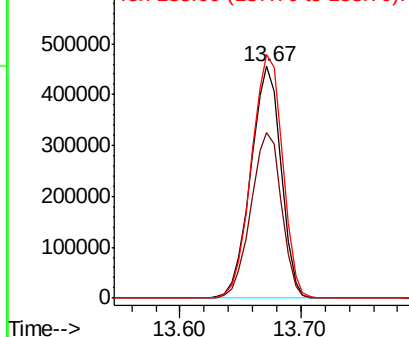


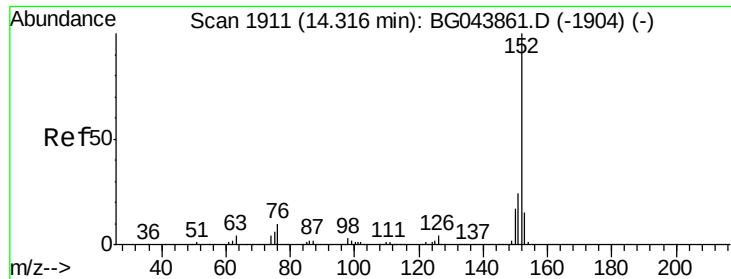
#48
2-Nitroaniline
Concen: 96.040 ng
RT: 13.67 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Tgt Ion: 65 Resp: 794257
Ion Ratio Lower Upper
65 100
92 71.6 57.4 86.2
138 105.2 88.2 132.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 81.548 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

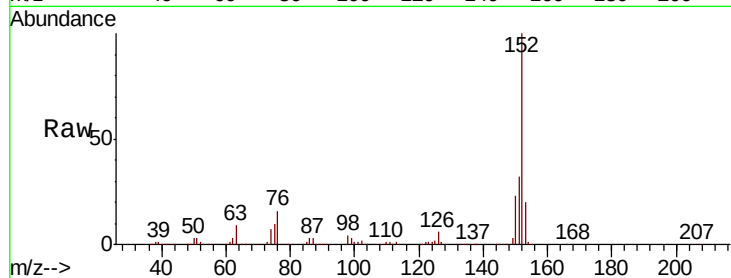
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 3012454

Ion	Ratio	Lower	Upper
152	100		
151	31.8	19.4	29.2#
153	20.3	12.0	18.0#

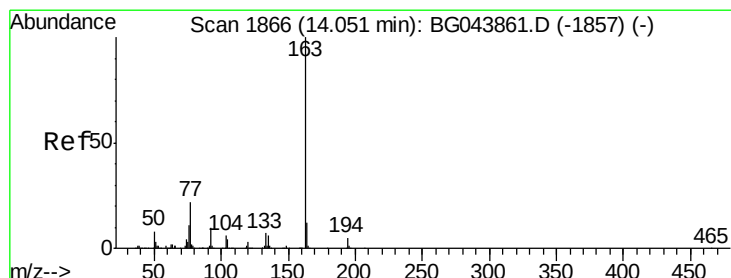
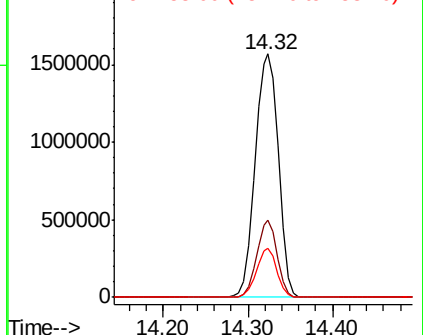
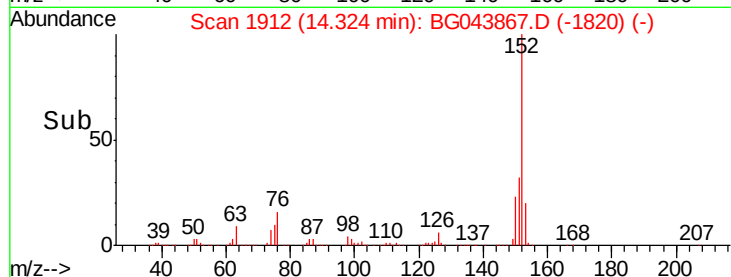


Abundance

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: 81.115 ng

RT: 14.07 min Scan# 1868

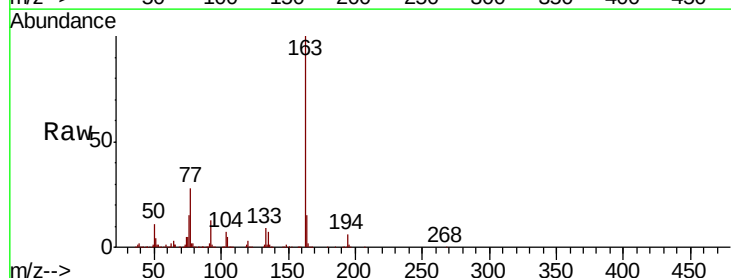
Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Tgt Ion:163 Resp: 2563815

Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.7	5.5#
164	14.6	9.3	13.9#

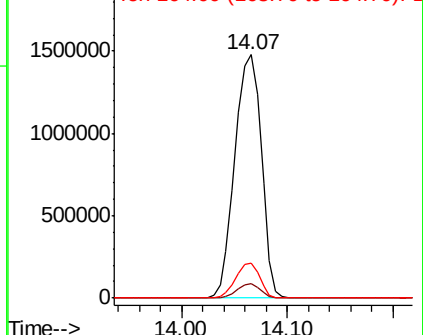
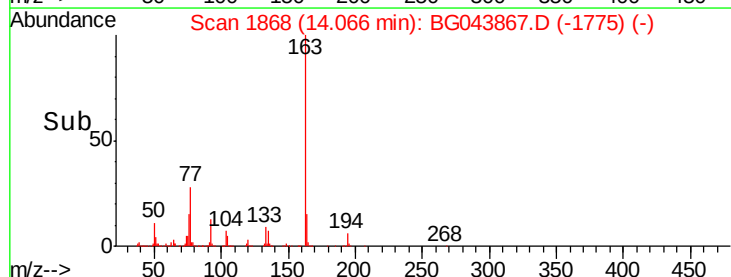


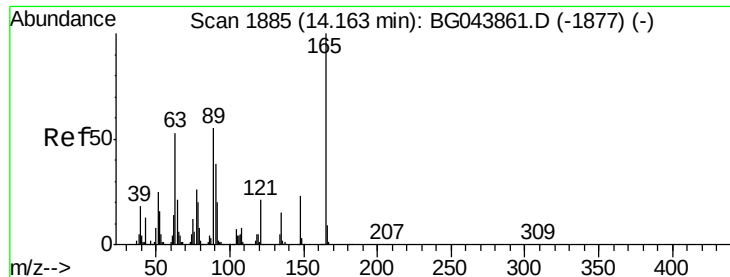
Abundance

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: 93.675 ng

RT: 14.17 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampled :

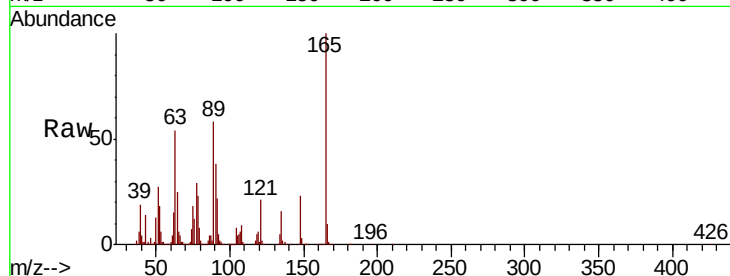
Tot Ion:165 Resp: 668311

Ion Ratio Lower Upper

165 100

63 53.8 43.1 64.7

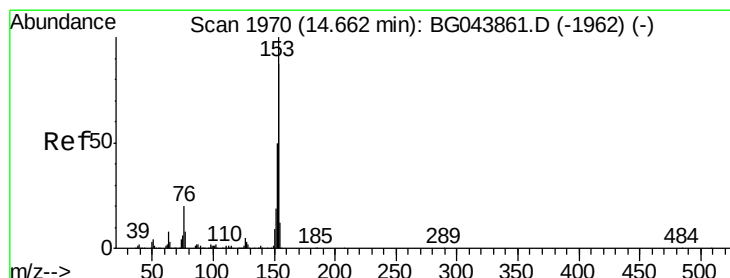
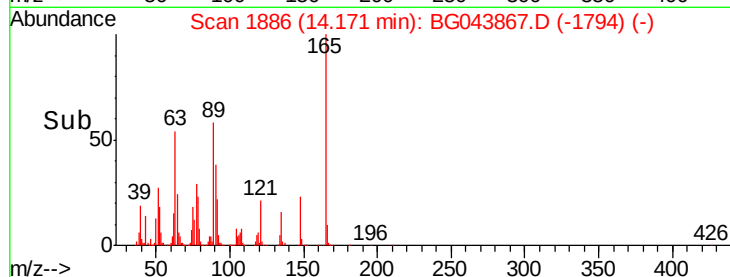
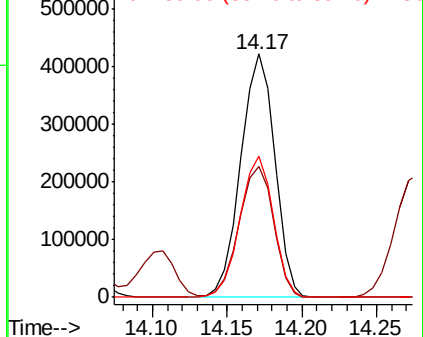
89 57.8 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 89.648 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

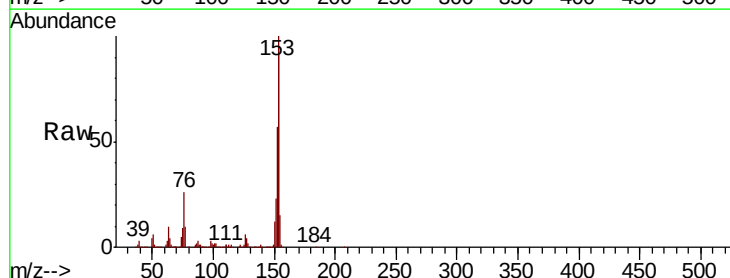
Tgt Ion:154 Resp: 2323553

Ion Ratio Lower Upper

154 100

153 108.4 91.6 137.4

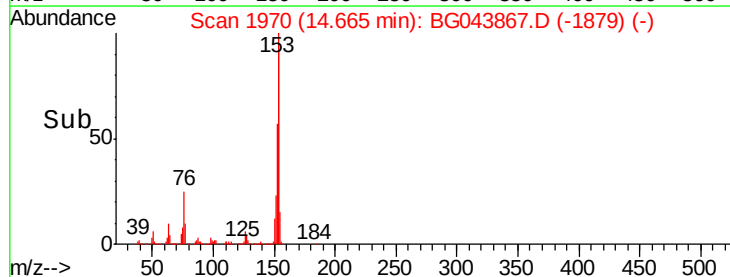
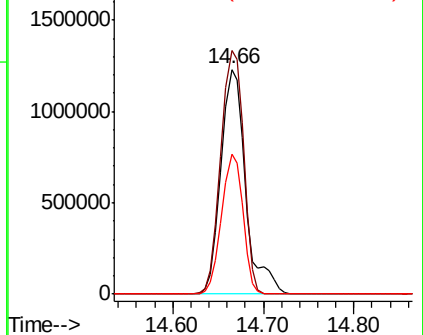
152 62.2 45.4 68.0

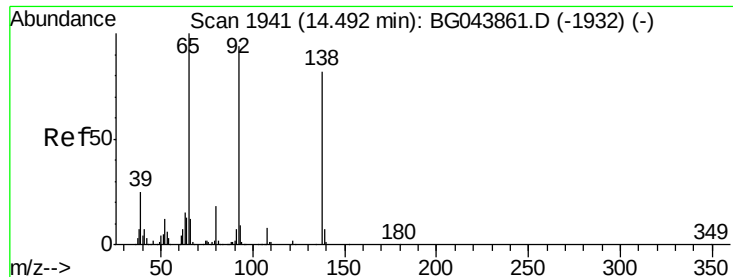


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

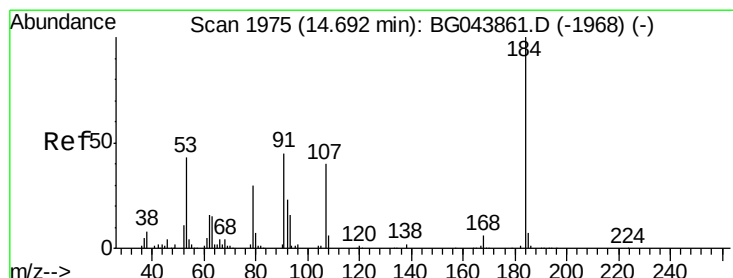
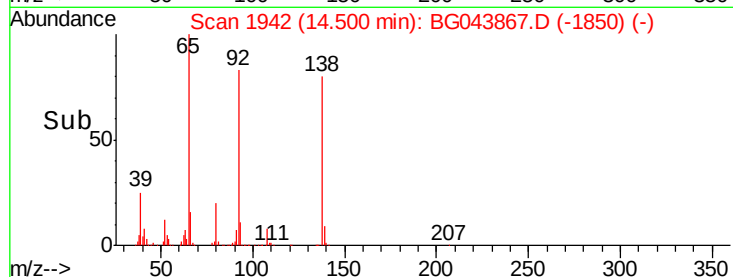
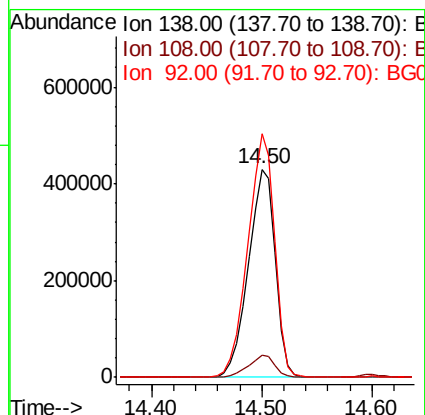
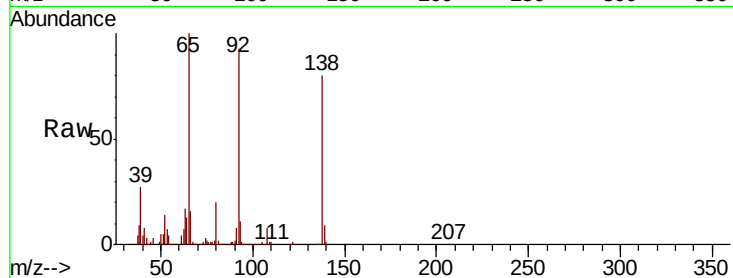




#53
3-Nitroaniline
Concen: 90.601 ng
RT: 14.50 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

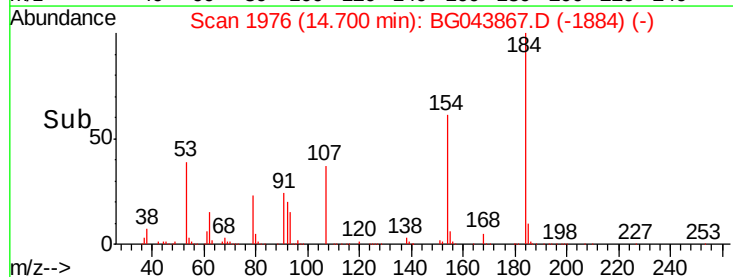
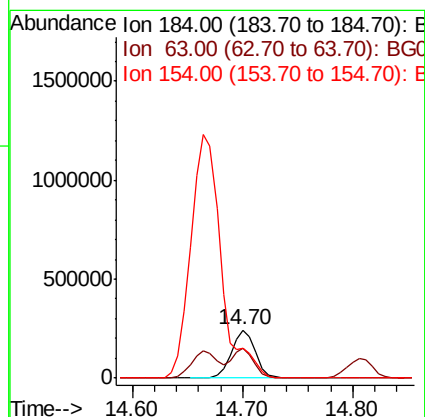
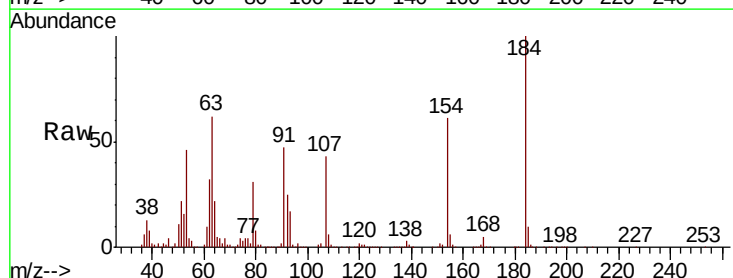
Instrument :
BNA_G
ClientSampleId :

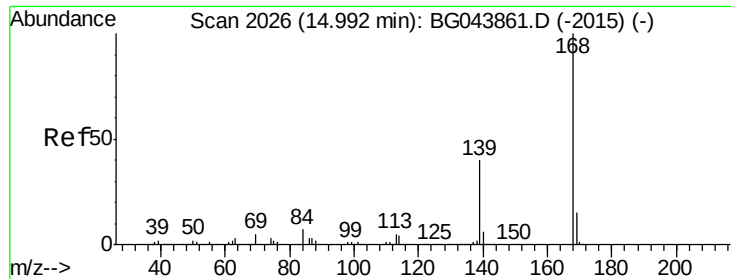
Tot Ion:138 Resp: 734644
Ion Ratio Lower Upper
138 100
108 10.6 7.4 11.2
92 116.9 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 114.902 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Tgt Ion:184 Resp: 368500
Ion Ratio Lower Upper
184 100
63 61.9 46.6 70.0
154 61.5 50.2 75.4

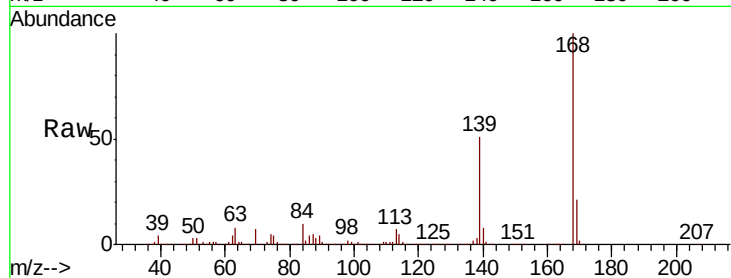




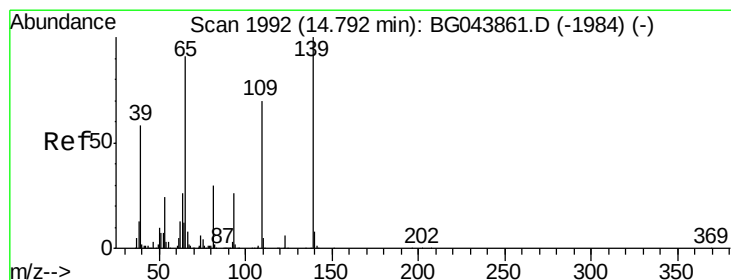
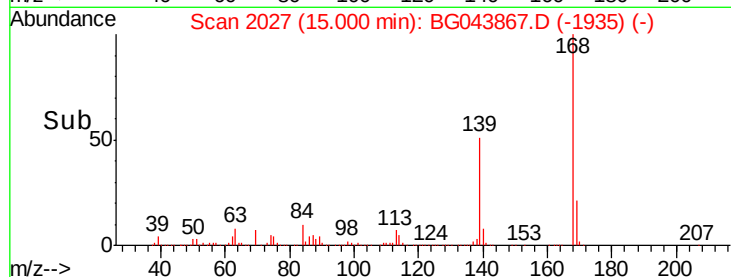
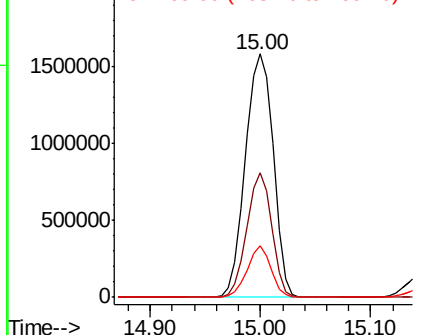
#55
Dibenzofuran
Concen: 78.849 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 2818989
Ion Ratio Lower Upper
168 100
139 51.4 32.2 48.2#
169 21.0 12.2 18.2#

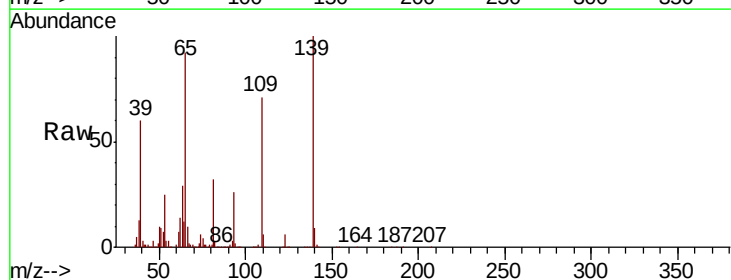


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

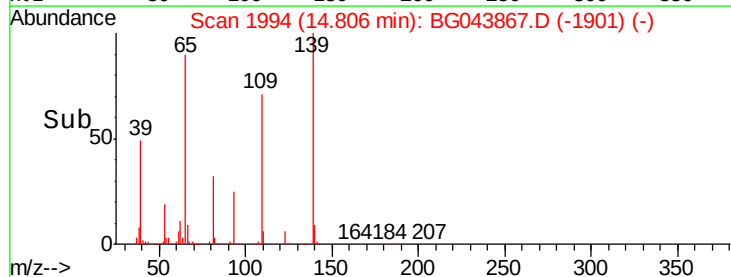
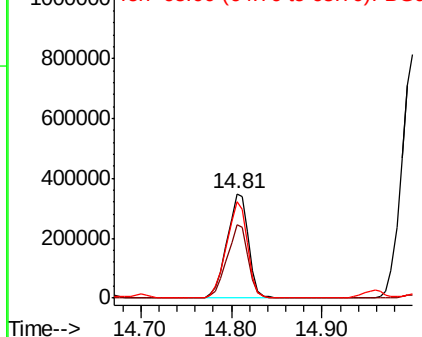


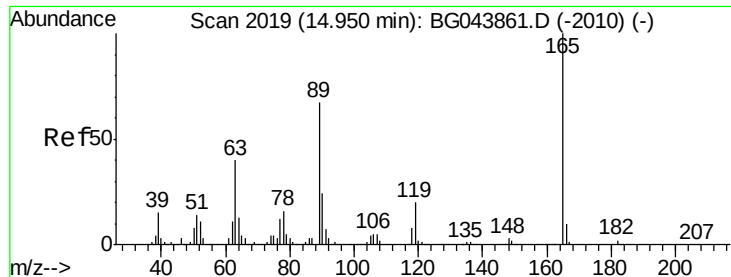
#56
4-Nitrophenol
Concen: 92.687 ng
RT: 14.81 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Tgt Ion:139 Resp: 576469
Ion Ratio Lower Upper
139 100
109 70.7 50.4 90.4
65 91.6 71.4 111.4



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

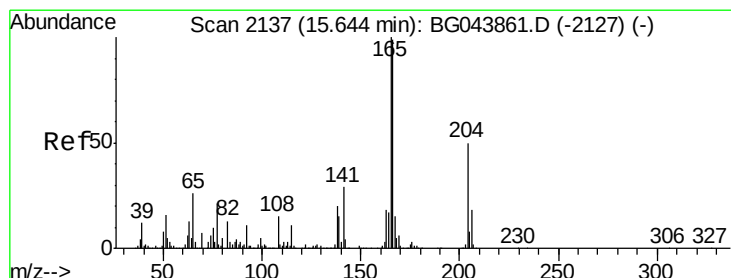
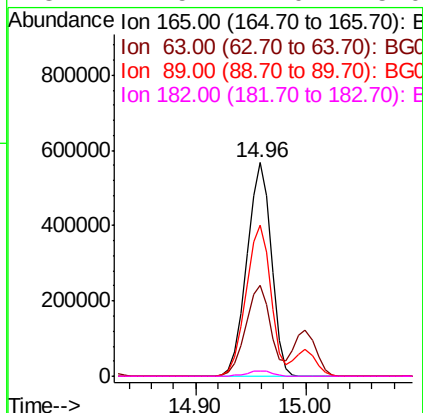
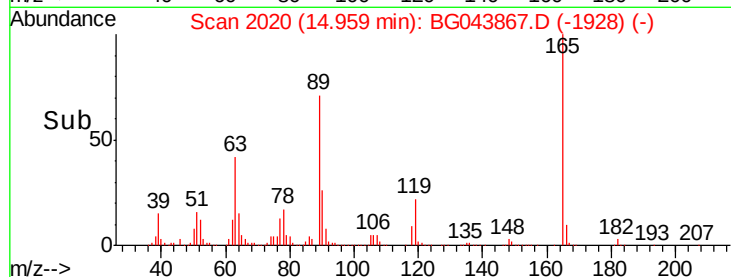
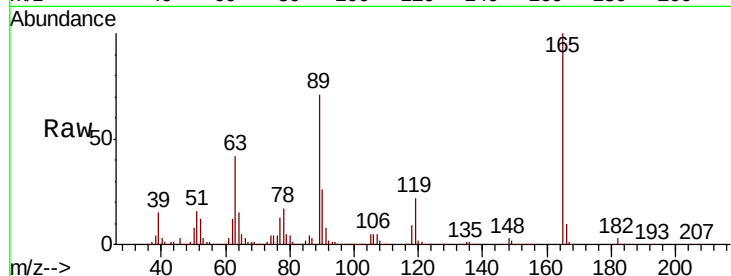




#57
 2,4-Dinitrotoluene
 Concen: 91.116 ng
 RT: 14.96 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

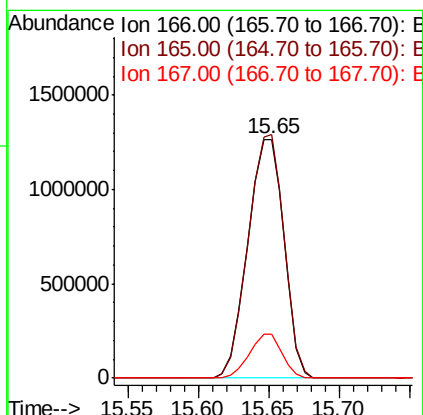
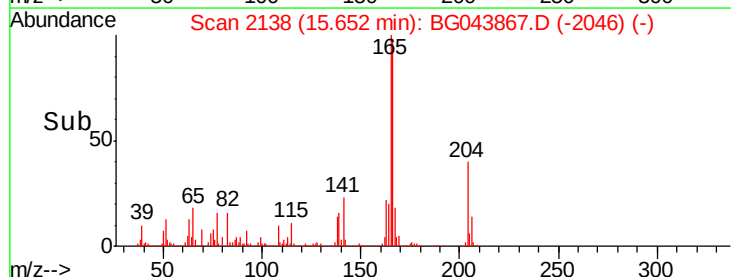
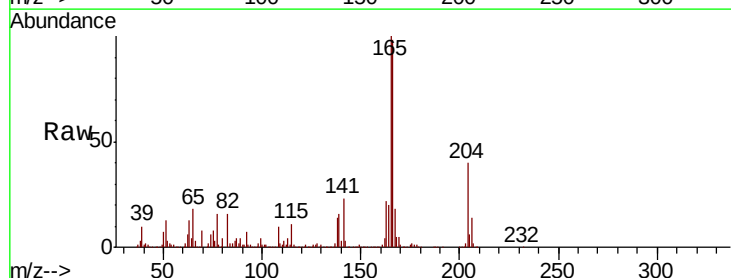
Instrument :
 BNA_G
 ClientSampleId :

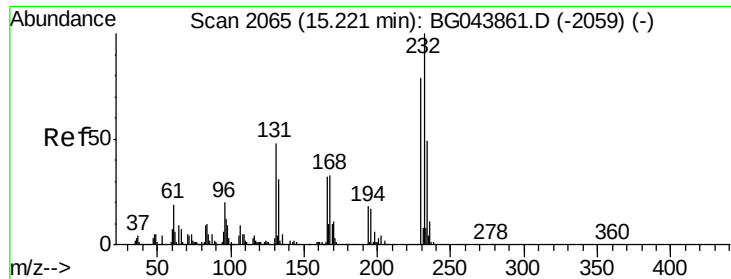
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	31.9	47.9
89	70.8	53.8	80.6
182	2.5	2.0	3.0



#58
 Fluorene
 Concen: 80.610 ng
 RT: 15.65 min Scan# 2138
 Delta R.T. 0.01 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.1	80.8	121.2
167	18.3	12.1	18.1#

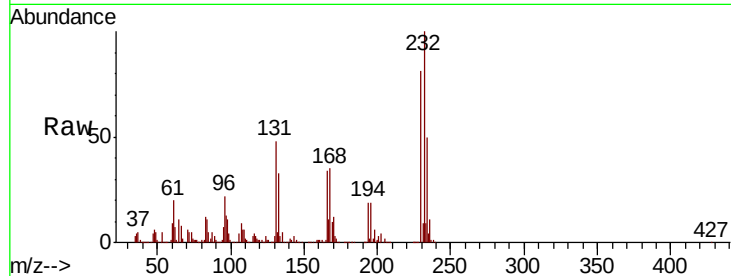




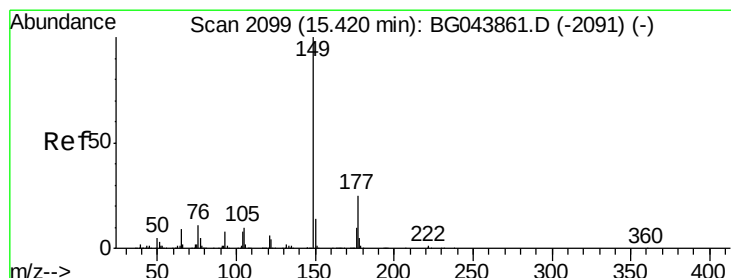
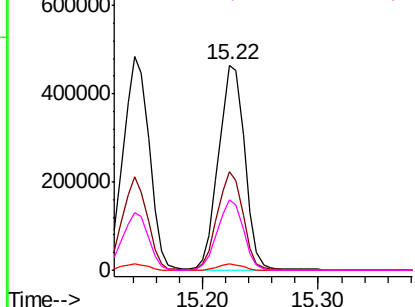
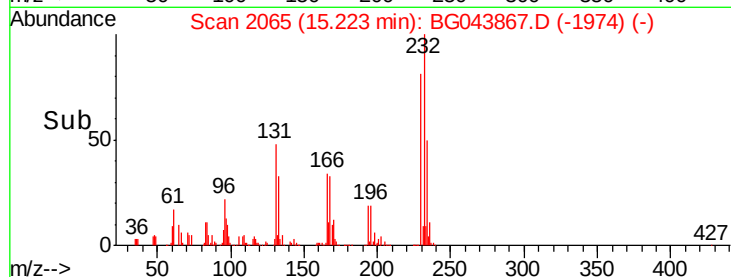
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 92.124 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	732025
Ion	Ratio	Lower	Upper
232	100		
131	46.9	38.2	57.2
130	2.8	2.2	3.2
166	33.7	26.4	39.6

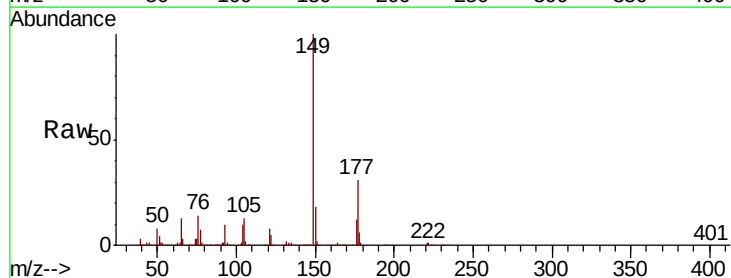


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

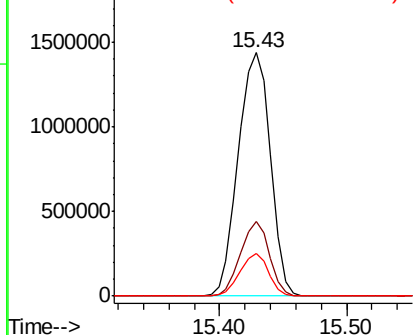
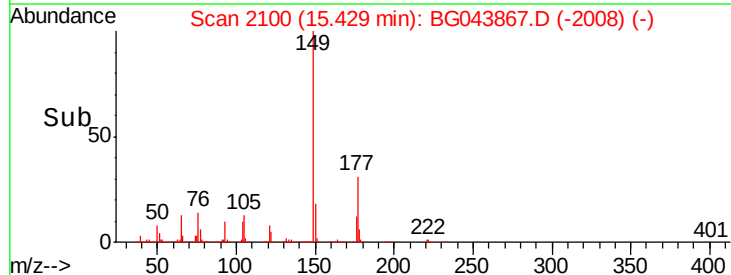


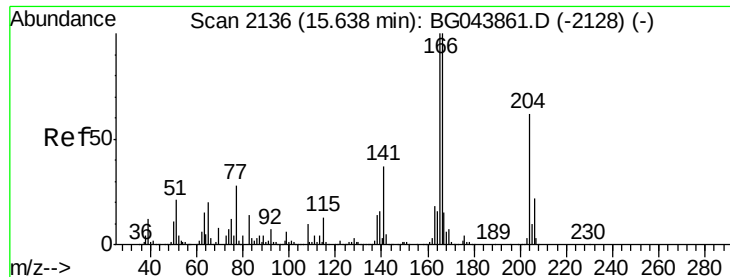
#60
 Diethylphthalate
 Concen: 79.936 ng
 RT: 15.43 min Scan# 2100
 Delta R.T. 0.01 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Tgt Ion:	149	Resp:	2527328
Ion	Ratio	Lower	Upper
149	100		
177	30.6	20.0	30.0#
150	17.6	11.1	16.7#



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

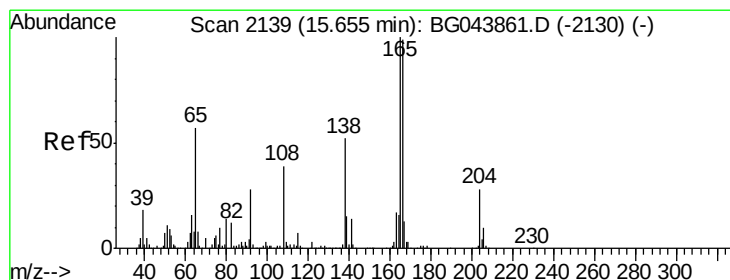
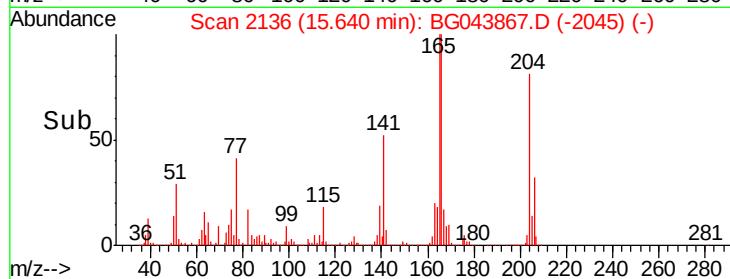
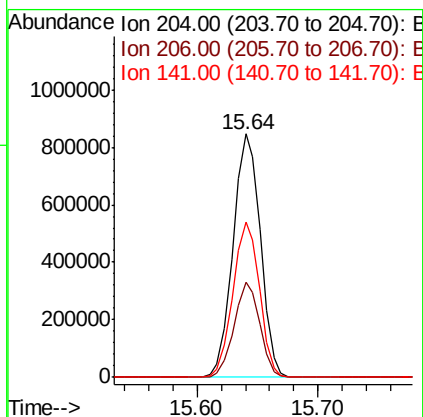
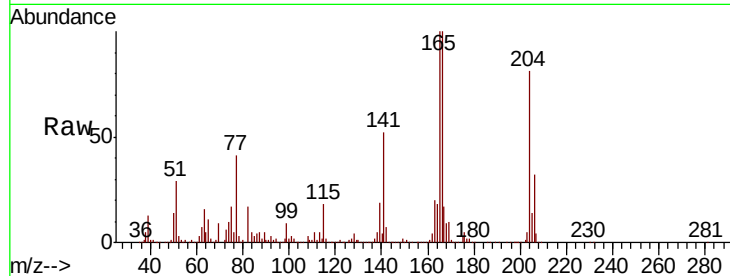




#61
4-Chlorophenyl-phenylether
Concen: 86.495 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

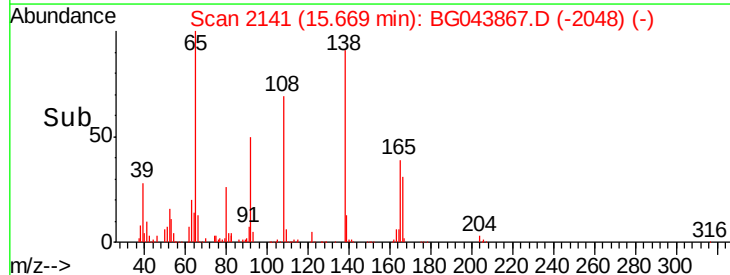
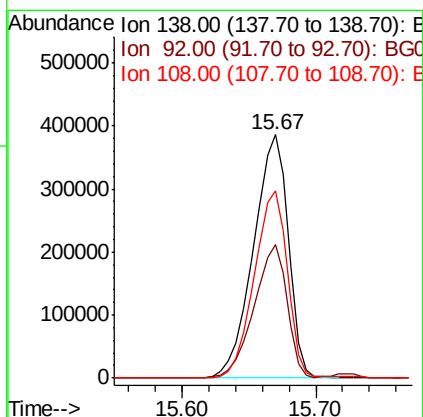
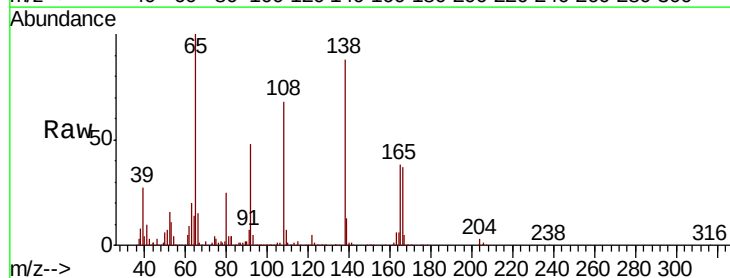
Instrument :
BNA_G
ClientSampleId :

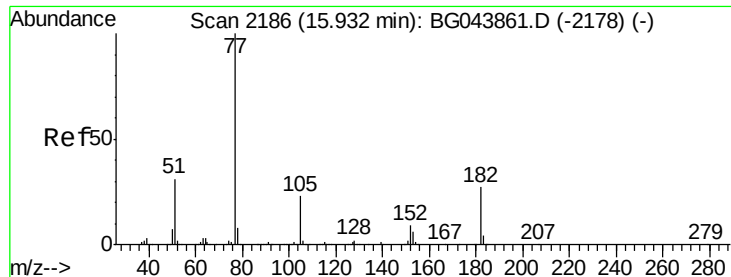
Tot Ion:204 Resp: 1329998
Ion Ratio Lower Upper
204 100
206 39.0 28.2 42.2
141 63.8 48.2 72.2



#62
4-Nitroaniline
Concen: 86.933 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Tgt Ion:138 Resp: 695532
Ion Ratio Lower Upper
138 100
92 54.7 34.3 74.3
108 77.0 55.0 95.0





#63

Azobenzene

Concen: 81.498 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 2387254

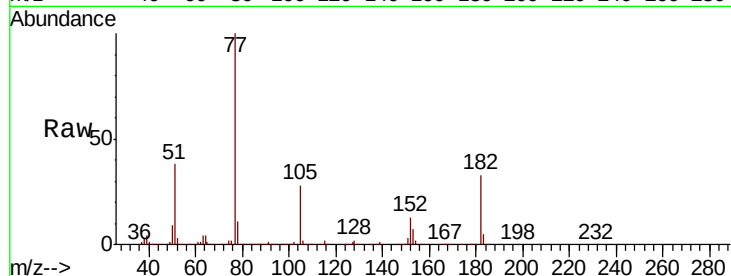
Ion	Ratio	Lower	Upper
77	100		
182	32.6	7.3	47.3
105	28.4	3.2	43.2
51	38.0	10.6	50.6

77 100

182 32.6 7.3 47.3

105 28.4 3.2 43.2

51 38.0 10.6 50.6

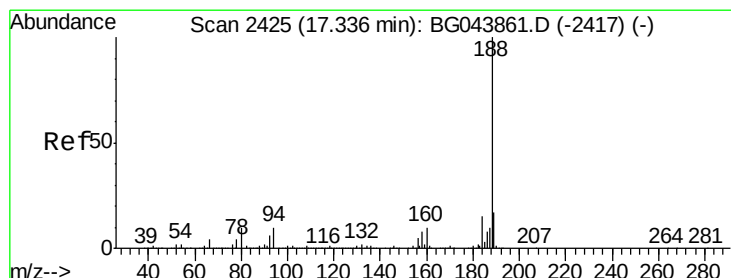
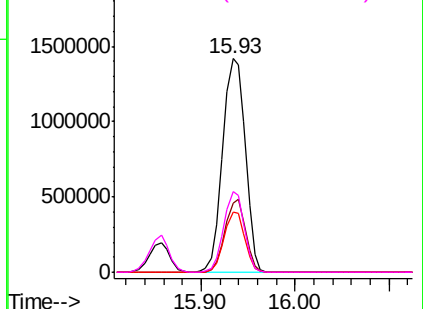
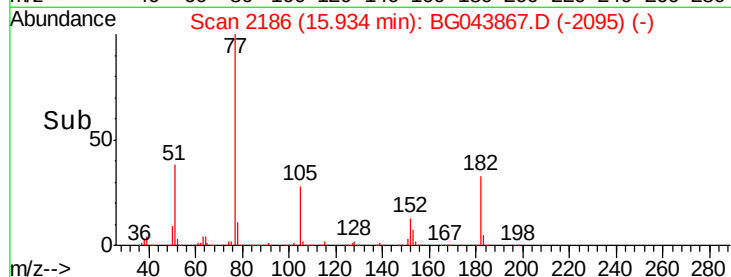


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.34 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

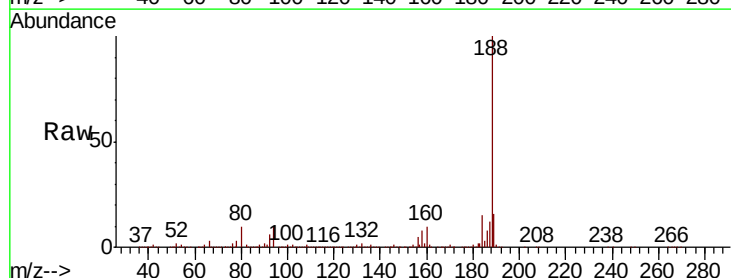
Tgt Ion: 188 Resp: 826524

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	10.2	8.2	12.4

188 100

94 9.5 7.9 11.9

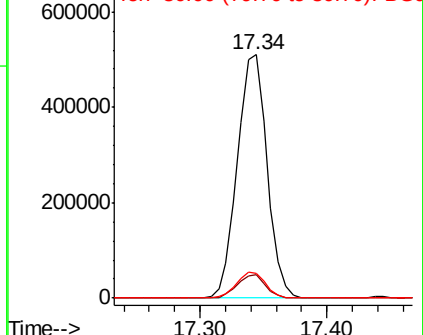
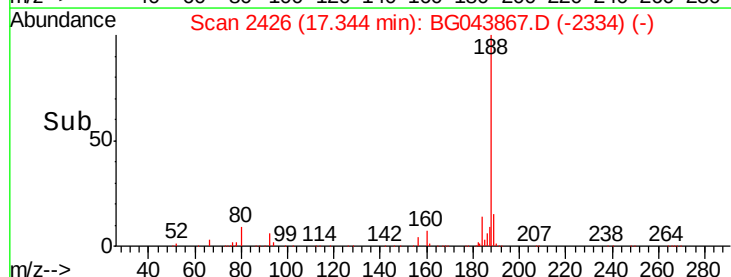
80 10.2 8.2 12.4

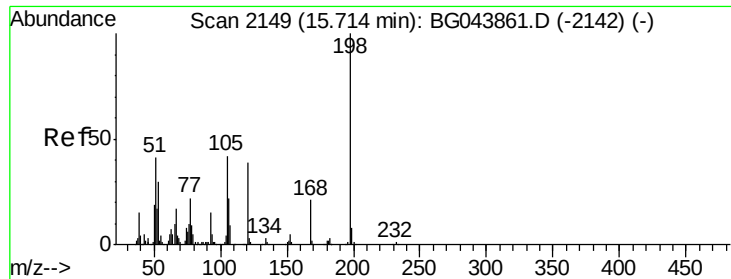


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

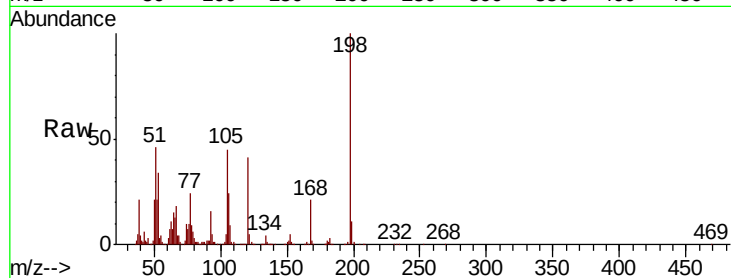




#65
 4,6-Dinitro-2-methylphenol
 Concen: 111.060 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.9	22.5	62.5
105	44.7	22.3	62.3

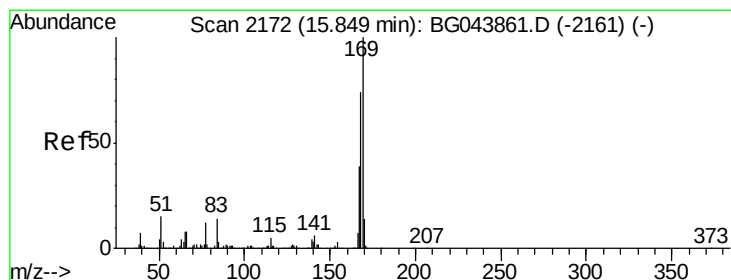
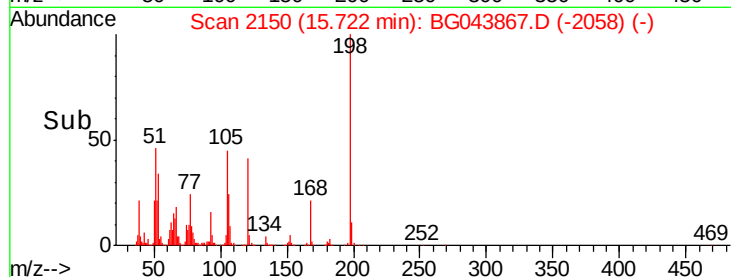
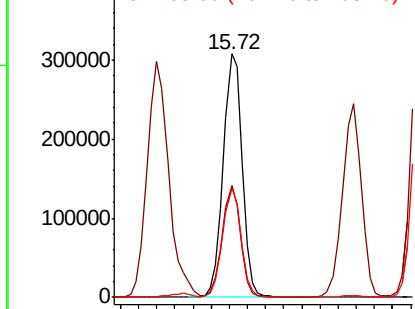


Abundance

Ion 198.00 (197.70 to 198.70): E

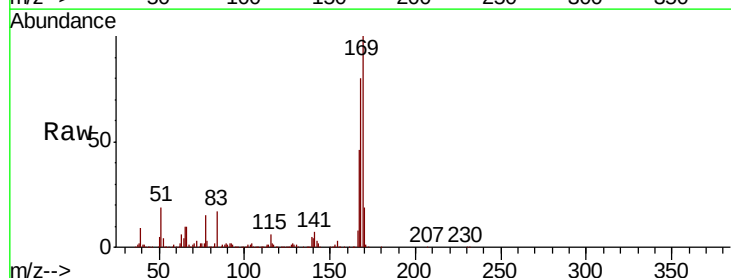
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 87.516 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	80.2	59.0	88.6
167	46.5	31.4	47.0

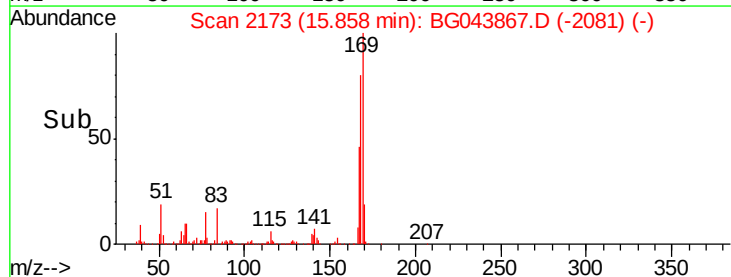
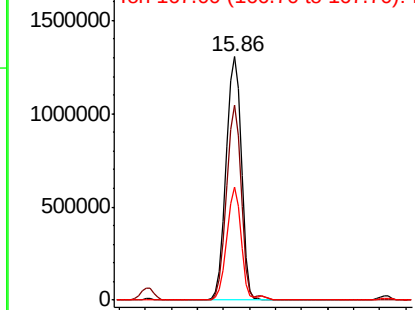


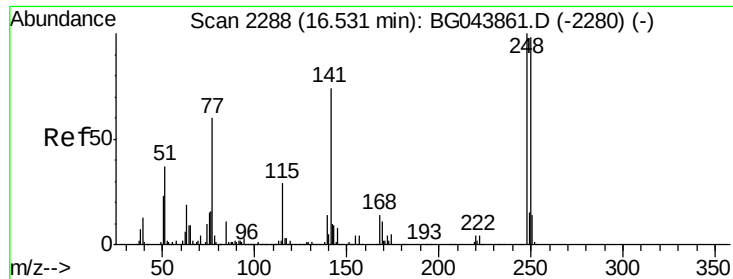
Abundance

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

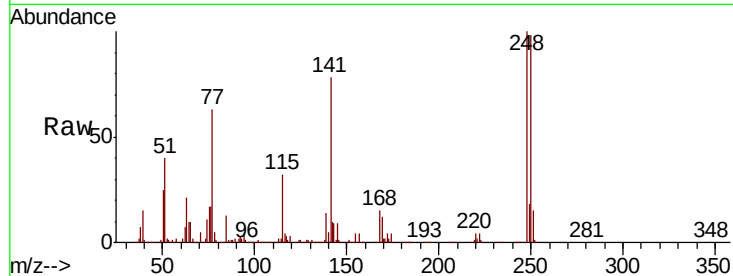




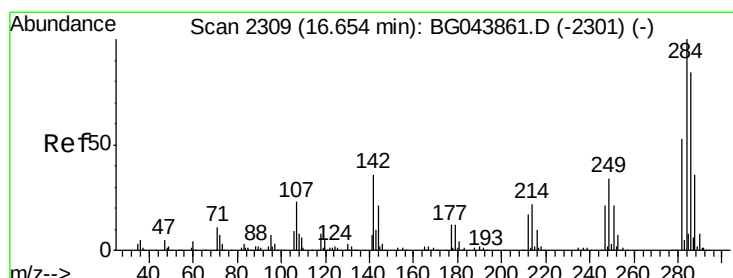
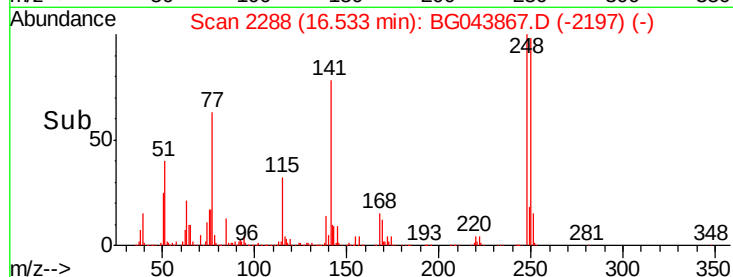
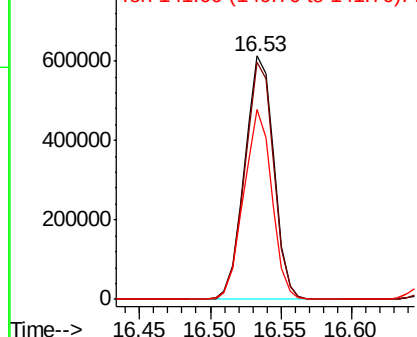
#67
4-Bromophenyl-phenylether
Concen: 95.268 ng
RT: 16.53 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 885070
Ion Ratio Lower Upper
248 100
250 97.6 78.2 117.2
141 78.1 59.3 88.9

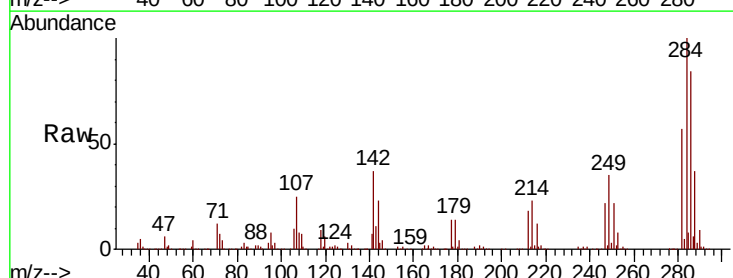


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

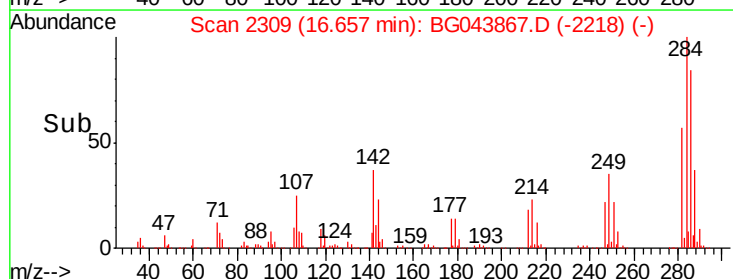
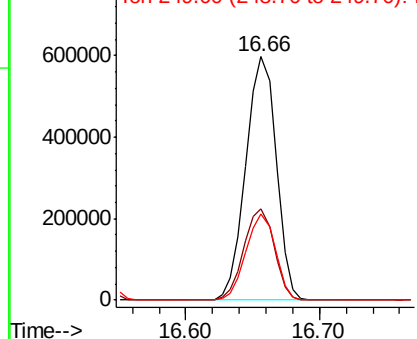


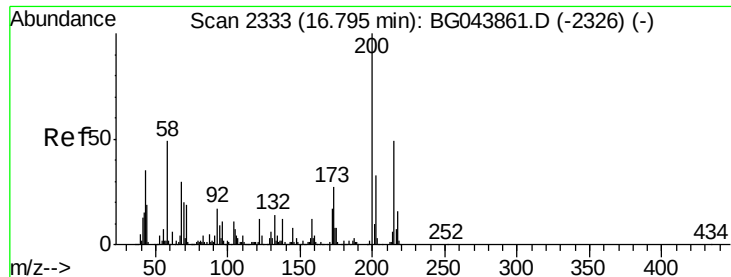
#68
Hexachlorobenzene
Concen: 93.775 ng
RT: 16.66 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Tgt Ion:284 Resp: 940066
Ion Ratio Lower Upper
284 100
142 37.5 28.6 43.0
249 35.2 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 77.368 ng

RT: 16.80 min Scan# 2334

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampled :

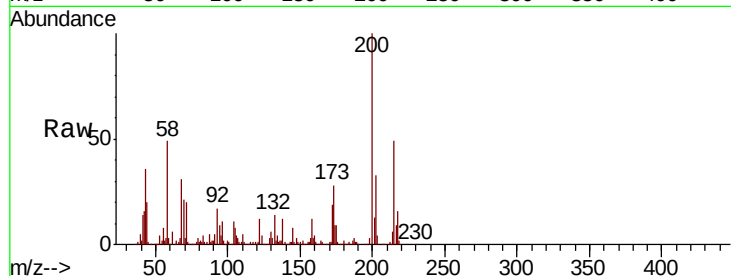
Tot Ion:200 Resp: 613416

Ion Ratio Lower Upper

200 100

173 28.3 6.6 46.6

215 49.4 28.6 68.6

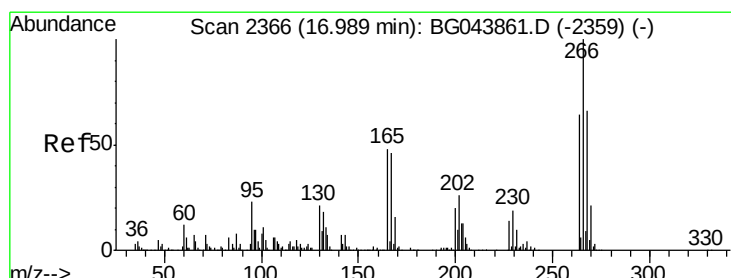
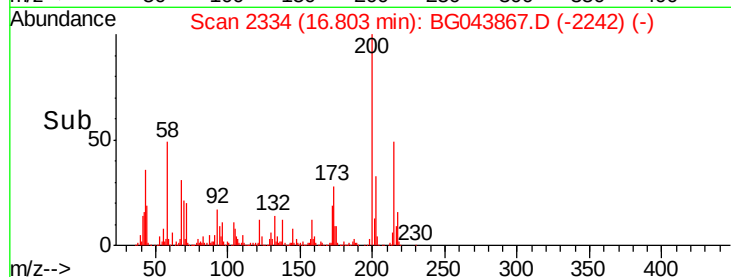
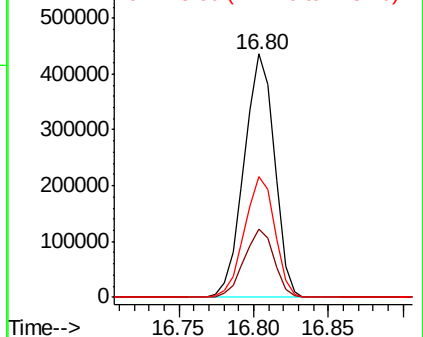


Abundance

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: 101.566 ng

RT: 16.99 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

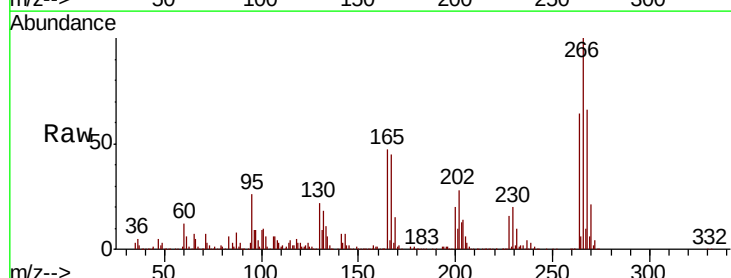
Tgt Ion:266 Resp: 561567

Ion Ratio Lower Upper

266 100

268 66.4 52.6 79.0

264 63.7 50.8 76.2

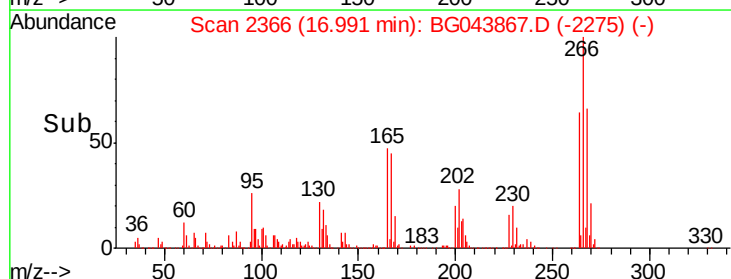
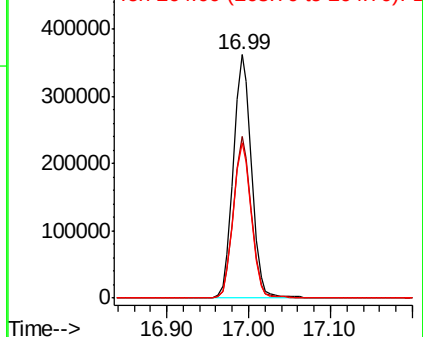


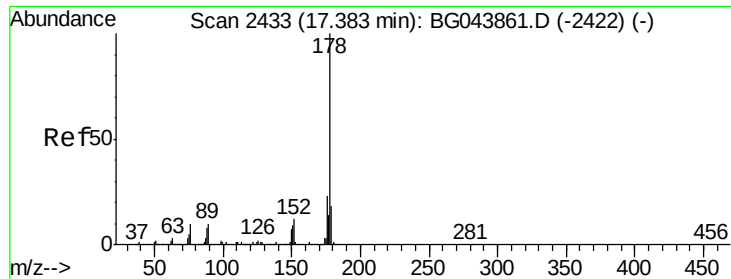
Abundance

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: 78.410 ng

RT: 17.39 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

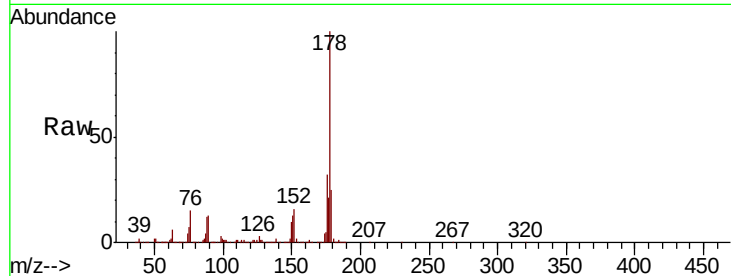
Tot Ion:178 Resp: 3110320

Ion Ratio Lower Upper

178 100

176 32.4 18.6 28.0#

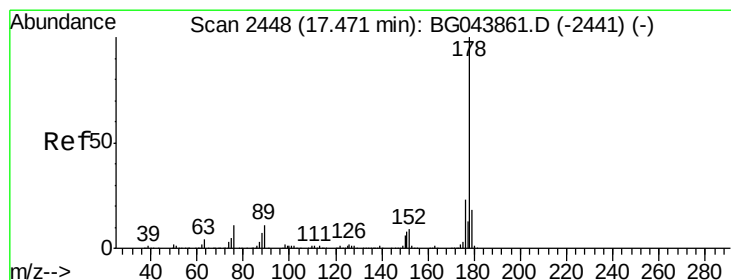
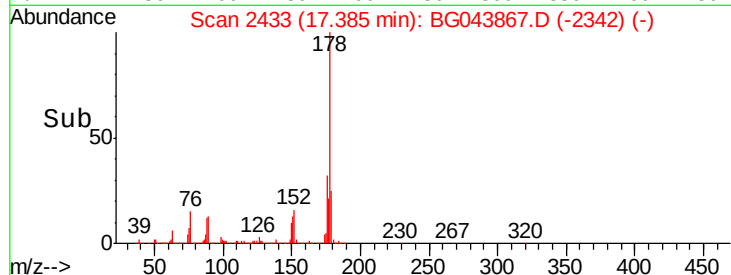
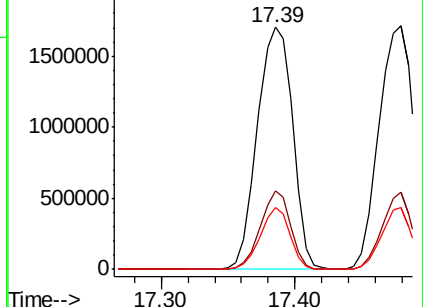
179 25.5 14.4 21.6#



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



#72

Anthracene

Concen: 78.399 ng

RT: 17.48 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

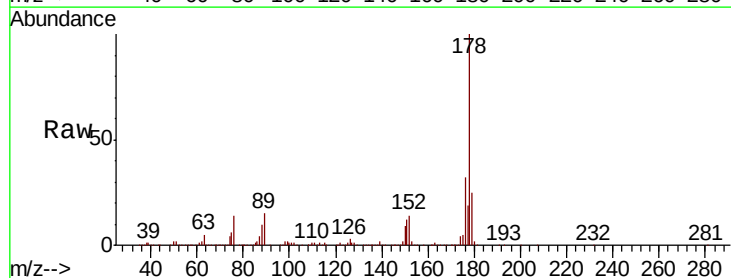
Tgt Ion:178 Resp: 3070727

Ion Ratio Lower Upper

178 100

176 32.0 18.3 27.5#

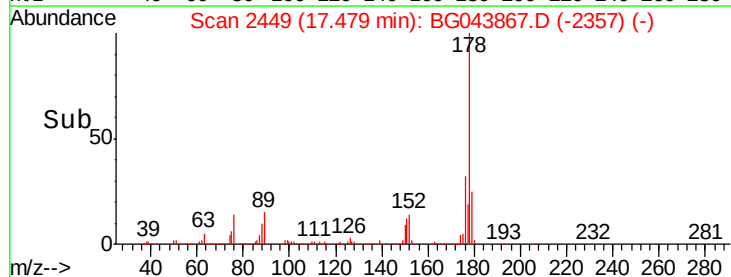
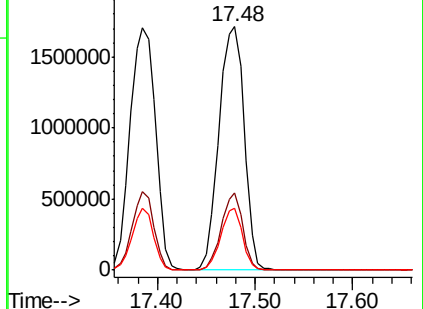
179 25.2 14.6 22.0#

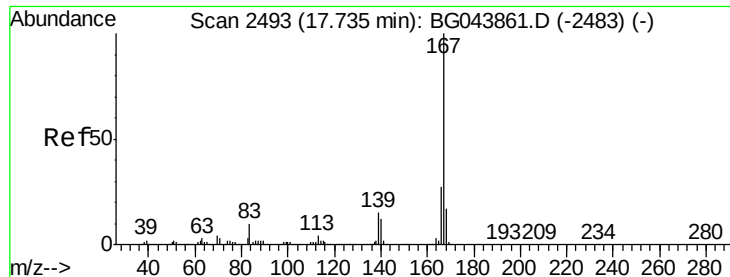


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

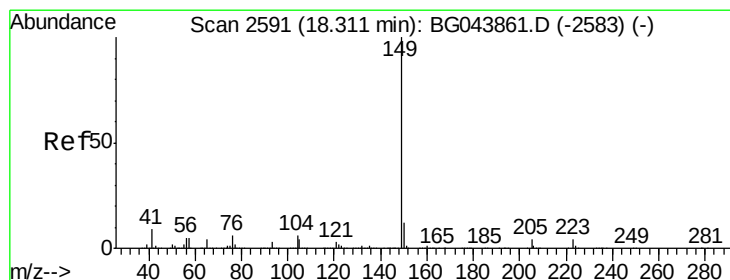
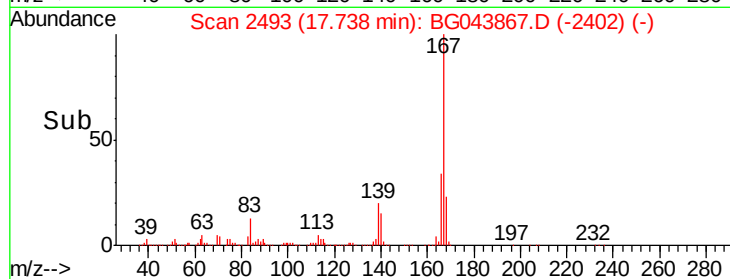
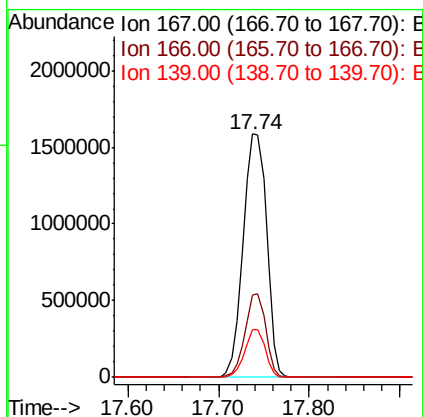
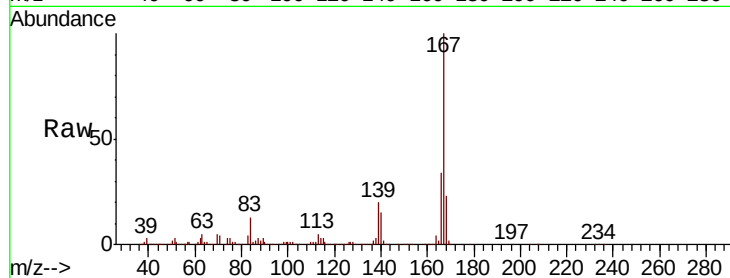




#73
 Carbazole
 Concen: 78.926 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

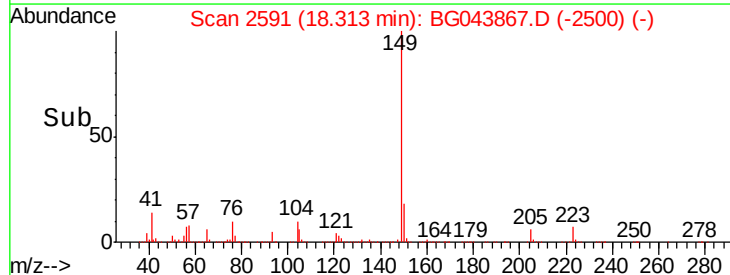
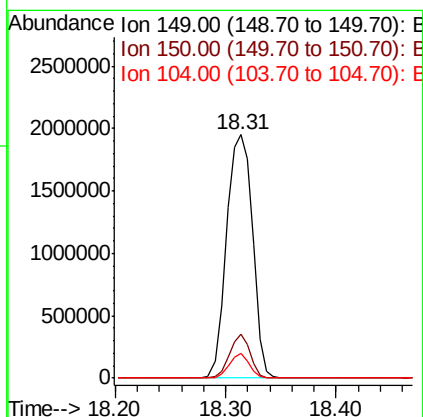
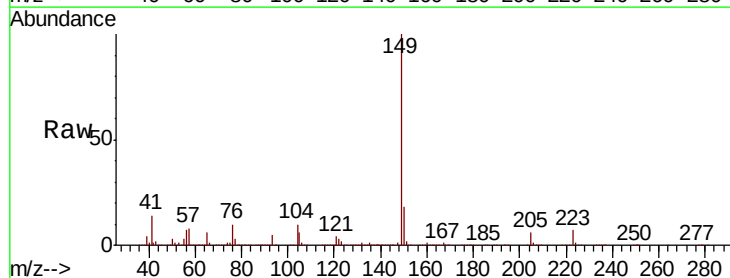
Instrument :
 BNA_G
 ClientSampleId :

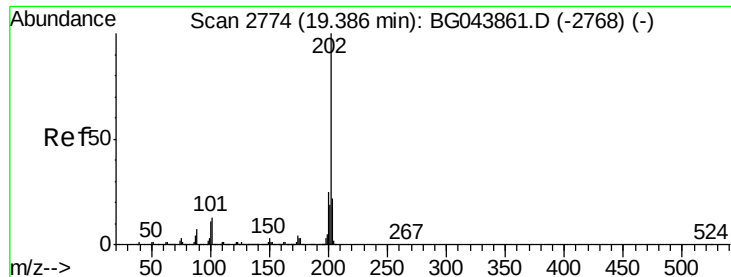
Tot Ion:167 Resp: 2859080
 Ion Ratio Lower Upper
 167 100
 166 33.8 21.6 32.4#
 139 19.6 12.1 18.1#



#74
 Di-n-butylphthalate
 Concen: 72.788 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Tgt Ion:149 Resp: 3219169
 Ion Ratio Lower Upper
 149 100
 150 18.3 9.7 14.5#
 104 10.1 5.0 7.4#





#75

Fluoranthene

Concen: 74.424 ng

RT: 19.39 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

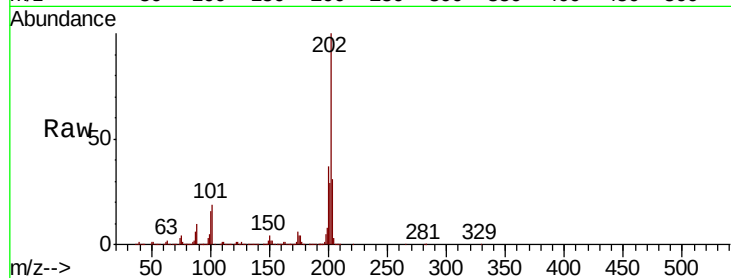
Tot Ion:202 Resp: 3241883

Ion Ratio Lower Upper

202 100

101 19.4 0.0 33.3

203 30.7 1.6 41.6

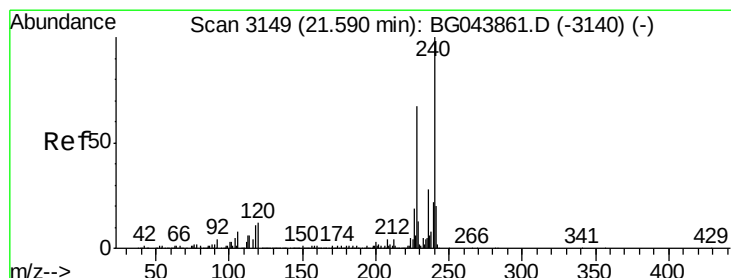
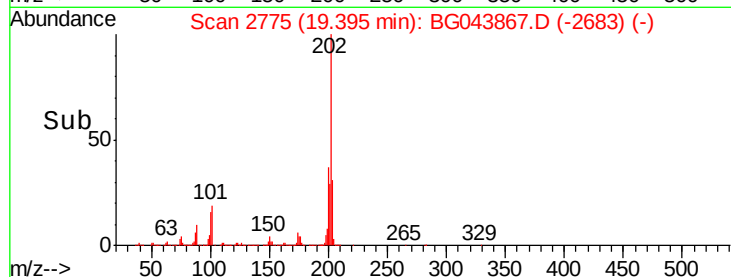
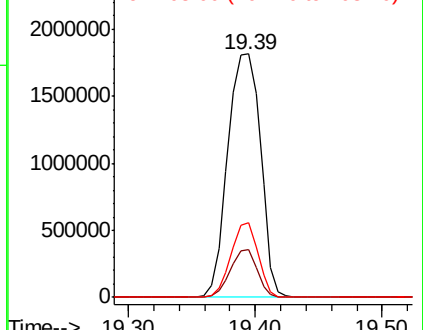


Abundance

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: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

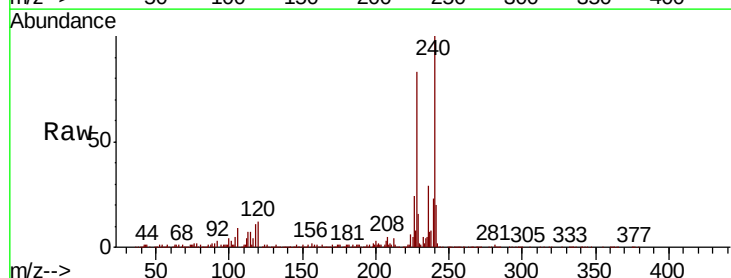
Tgt Ion:240 Resp: 664541

Ion Ratio Lower Upper

240 100

120 11.7 9.6 14.4

236 29.1 22.2 33.2

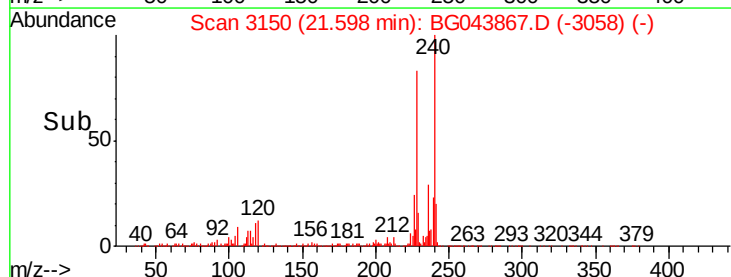
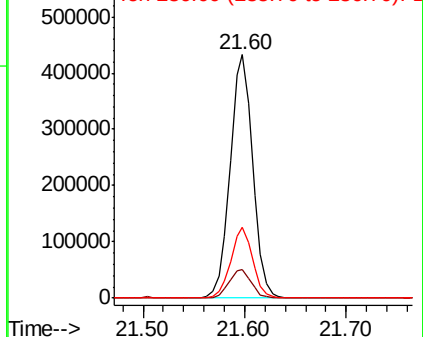


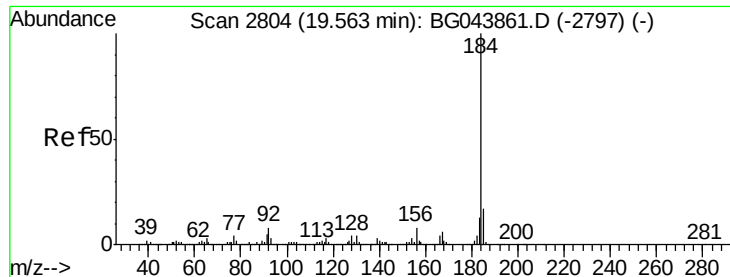
Abundance

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: 76.758 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

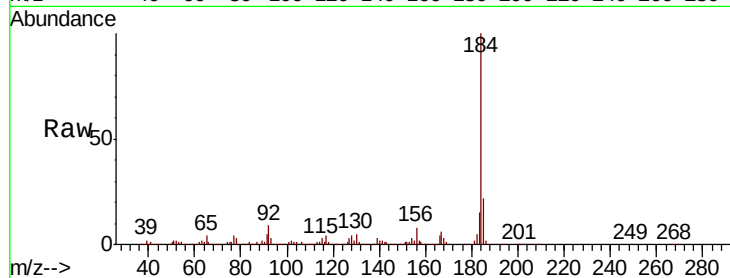
Tot Ion:184 Resp: 1314143

Ion Ratio Lower Upper

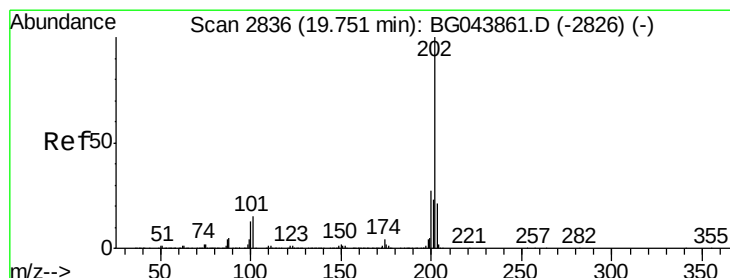
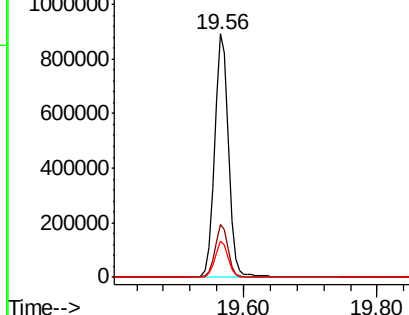
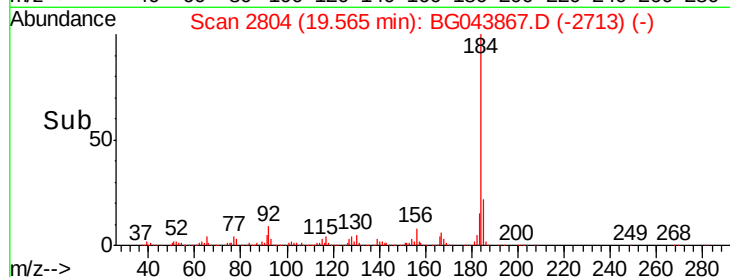
184 100

185 21.7 13.4 20.0#

183 15.1 10.6 15.8



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: 77.759 ng

RT: 19.75 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

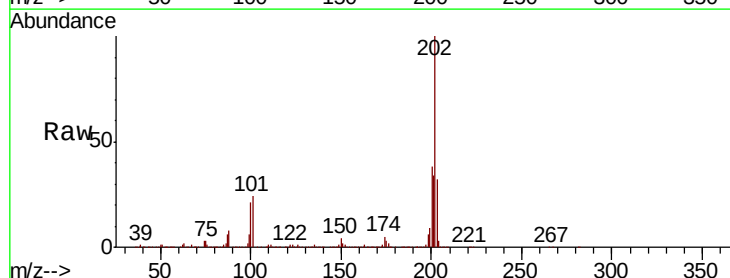
Tgt Ion:202 Resp: 3253544

Ion Ratio Lower Upper

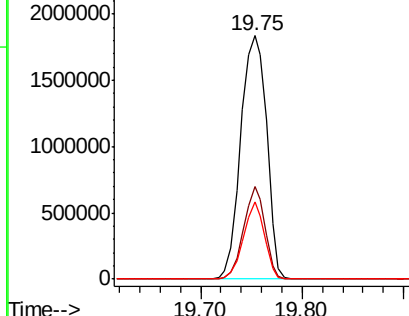
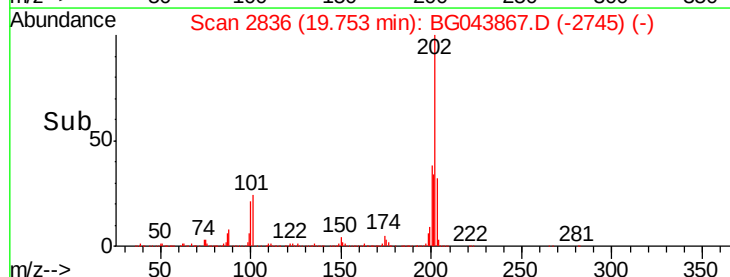
202 100

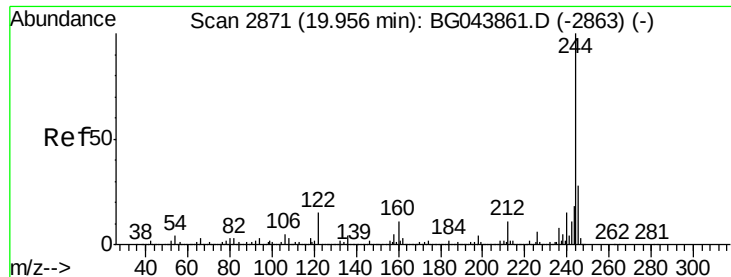
200 38.1 21.7 32.5#

203 31.8 17.0 25.6#



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

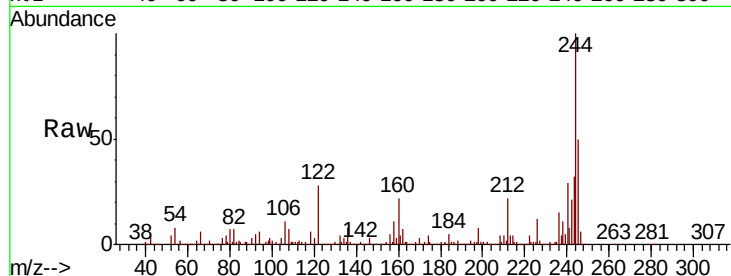




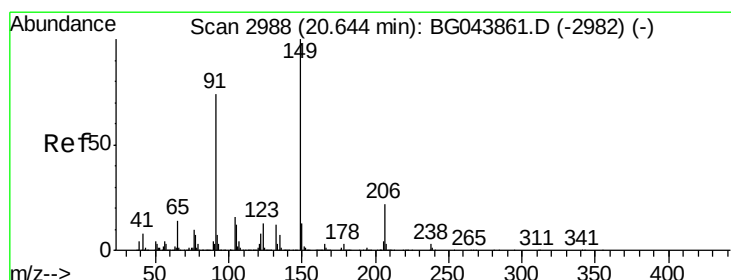
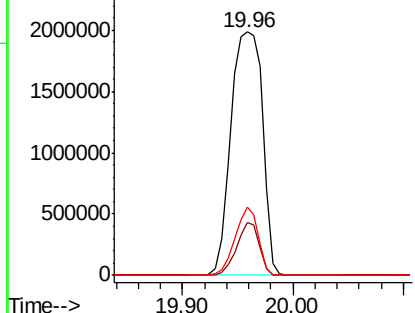
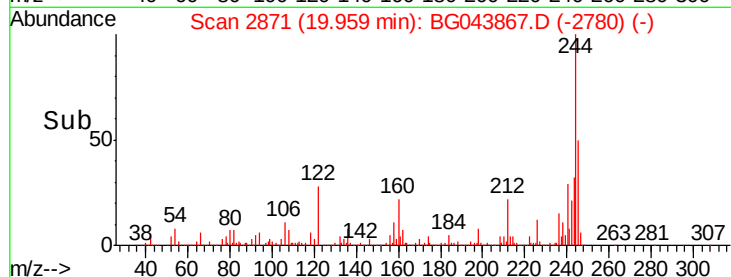
#79
 Terphenyl-d14
 Concen: 147.918 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 4004653
 Ion Ratio Lower Upper
 244 100
 212 21.8 8.6 13.0#
 122 27.9 11.9 17.9#

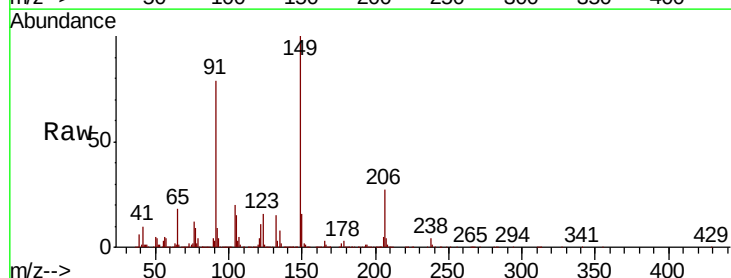


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

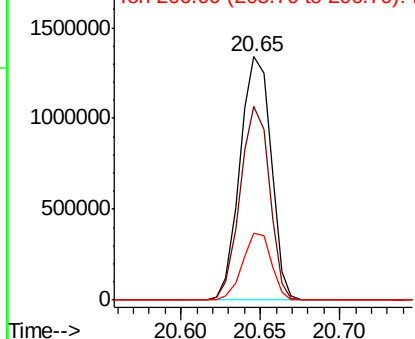
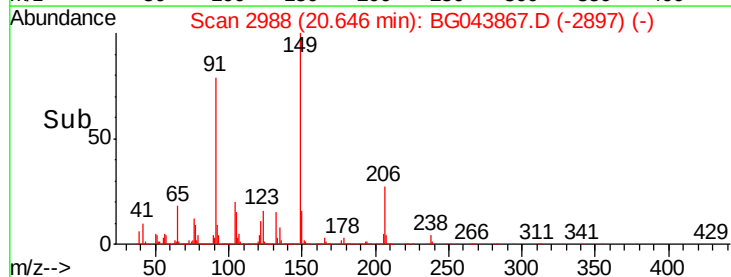


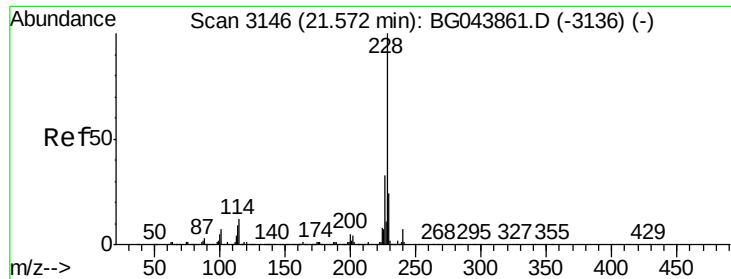
#80
 Butylbenzylphthalate
 Concen: 88.425 ng
 RT: 20.65 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BG043867.D
 Acq: 30 Dec 2019 15:51

Tgt Ion:149 Resp: 1824026
 Ion Ratio Lower Upper
 149 100
 91 79.5 59.5 89.3
 206 27.5 17.8 26.6#



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: 82.290 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

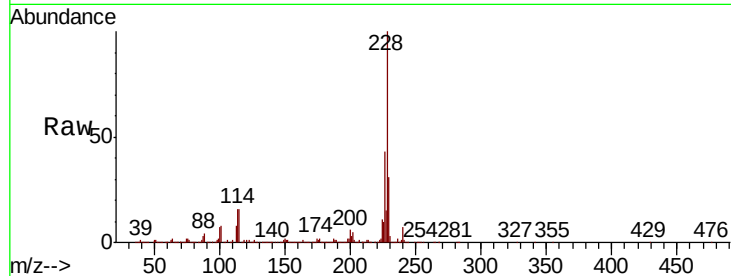
Tot Ion:228 Resp: 3392662

Ion	Ratio	Lower	Upper
228	100		
226	43.1	26.2	39.4
229	31.2	18.9	28.3

228 100

226 43.1 26.2 39.4

229 31.2 18.9 28.3

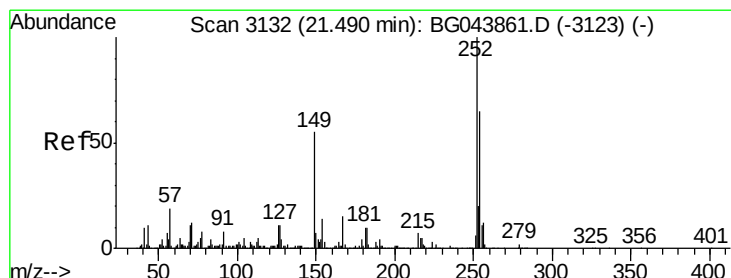
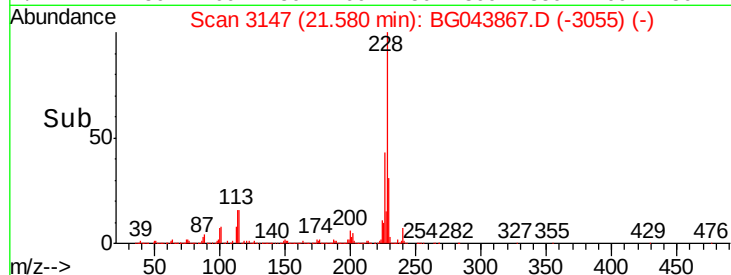
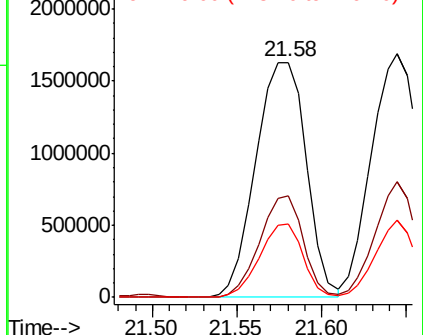


Abundance

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: 85.437 ng

RT: 21.49 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

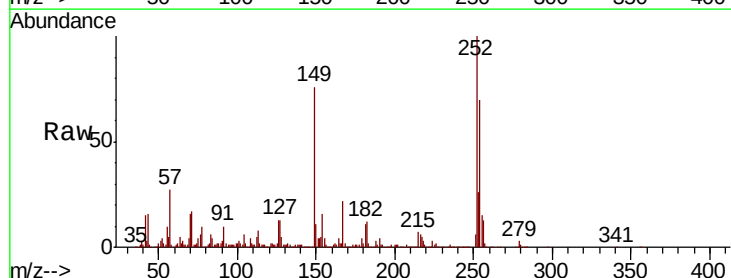
Tgt Ion:252 Resp: 1398680

Ion	Ratio	Lower	Upper
252	100		
254	70.4	52.1	78.1
126	12.7	9.1	13.7

252 100

254 70.4 52.1 78.1

126 12.7 9.1 13.7

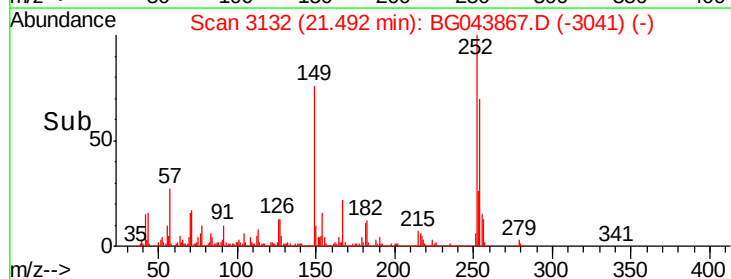
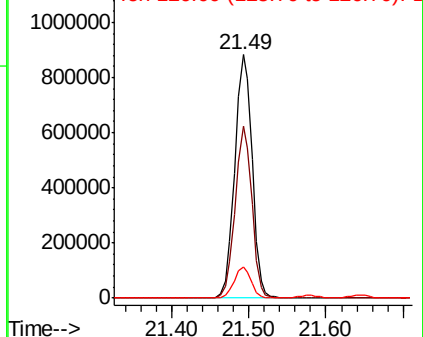


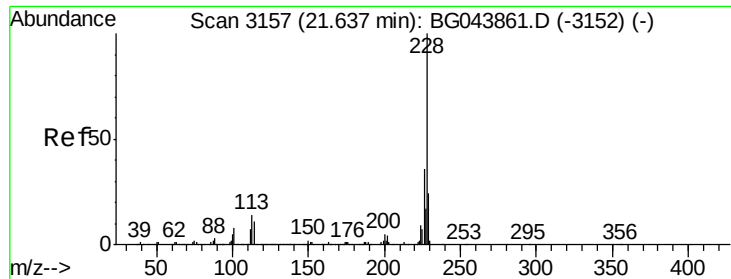
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 82.508 ng

RT: 21.64 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampled :

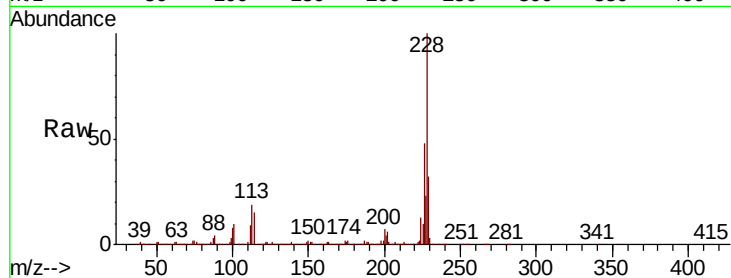
Tot Ion:228 Resp: 3229305

Ion Ratio Lower Upper

228 100

226 47.6 28.8 43.2#

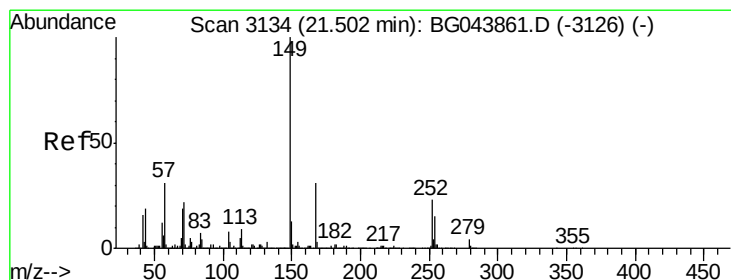
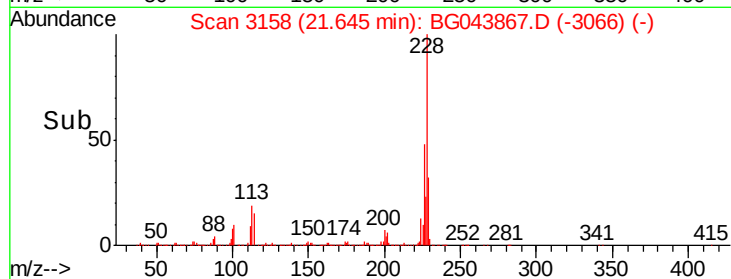
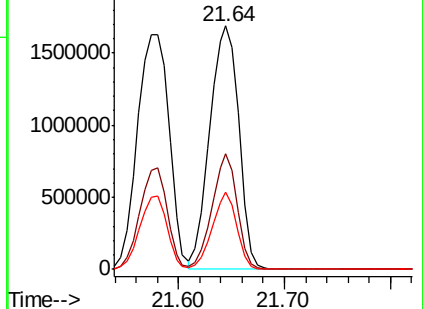
229 31.7 19.0 28.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 83.093 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

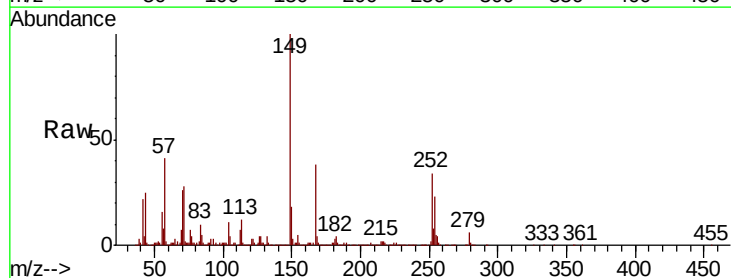
Tgt Ion:149 Resp: 2360670

Ion Ratio Lower Upper

149 100

167 38.3 24.7 37.1#

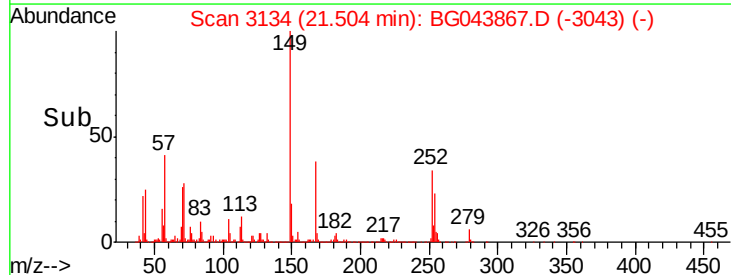
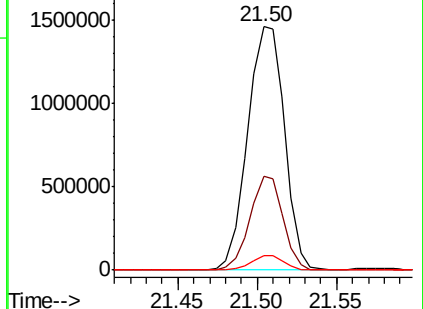
279 5.8 3.3 4.9#

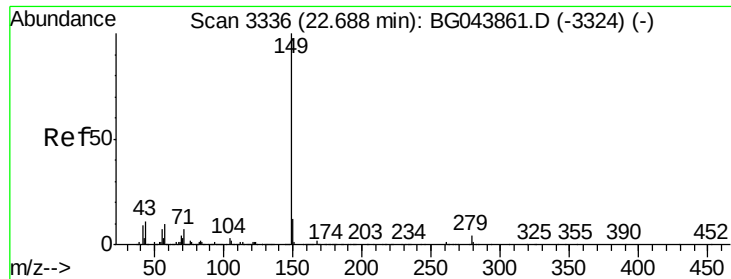


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 82.206 ng

RT: 22.70 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

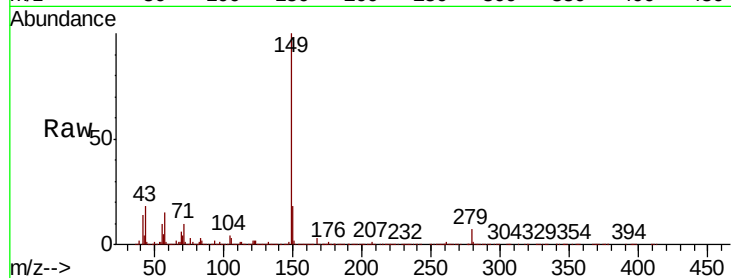
Tot Ion:149 Resp: 3937732

Ion Ratio Lower Upper

149 100

167 2.3 1.4 2.0#

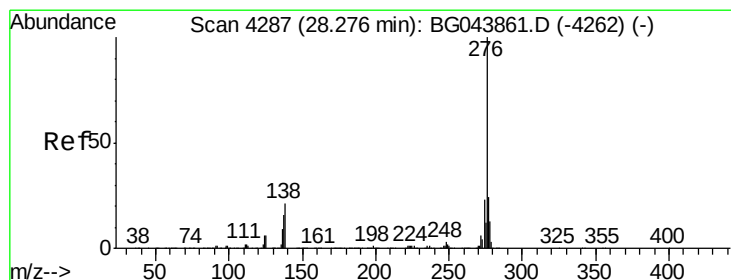
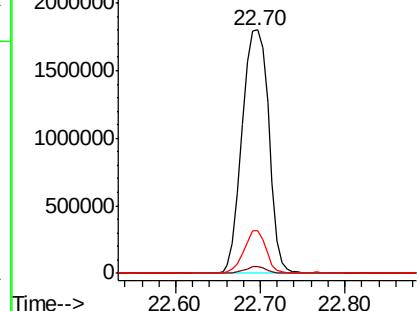
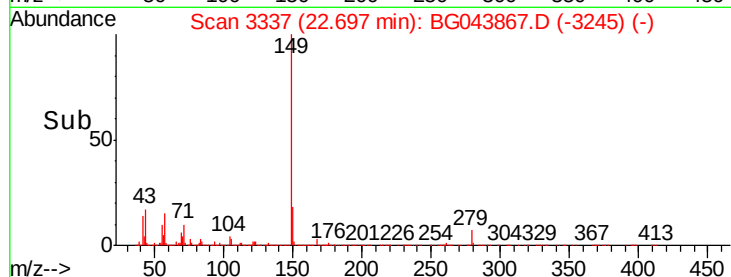
43 14.5 8.8 13.2#



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: 96.465 ng

RT: 28.30 min Scan# 4291

Delta R.T. 0.03 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

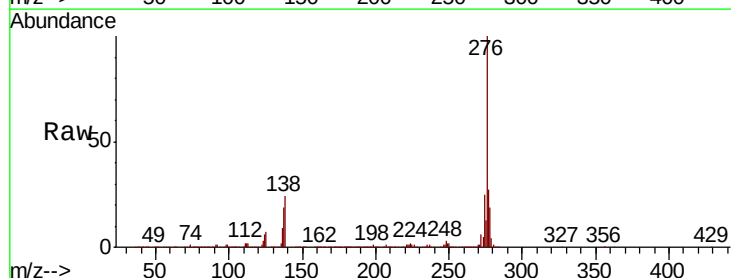
Tgt Ion:276 Resp: 5132787

Ion Ratio Lower Upper

276 100

138 18.9 21.0 31.4#

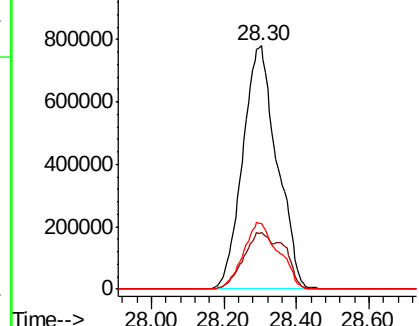
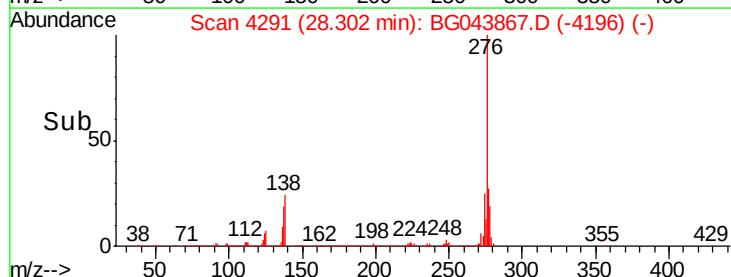
277 27.8 21.1 31.7

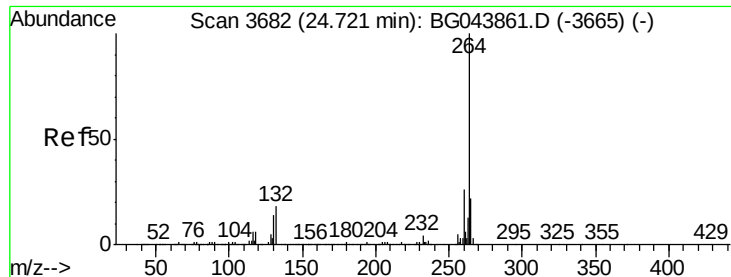


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.72 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

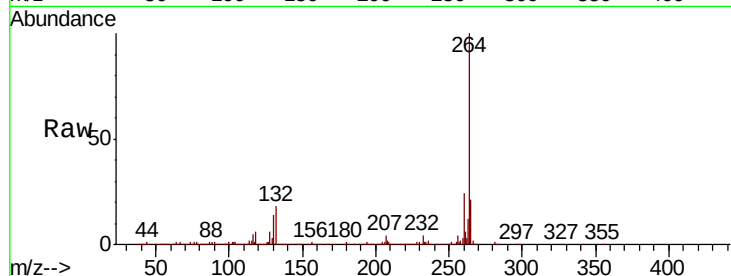
Tot Ion:264 Resp: 781073

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

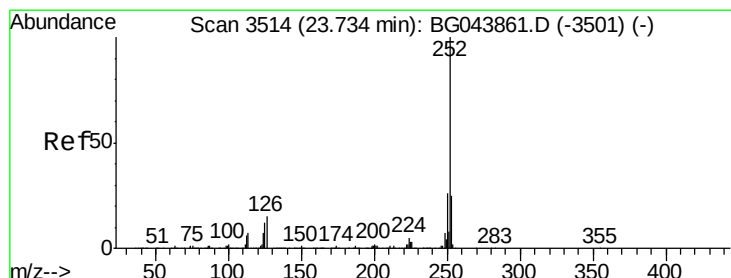
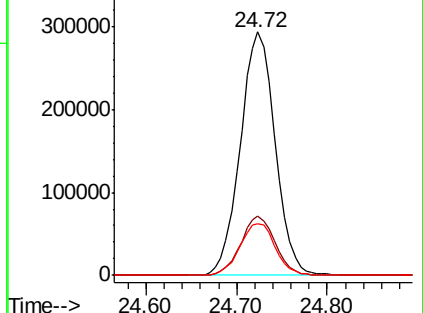
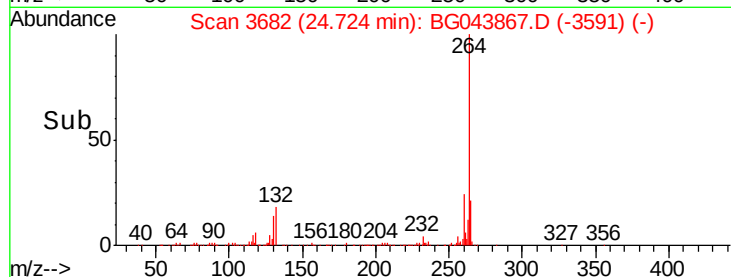
265 21.3 17.4 26.2



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: 87.313 ng

RT: 23.74 min Scan# 3515

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

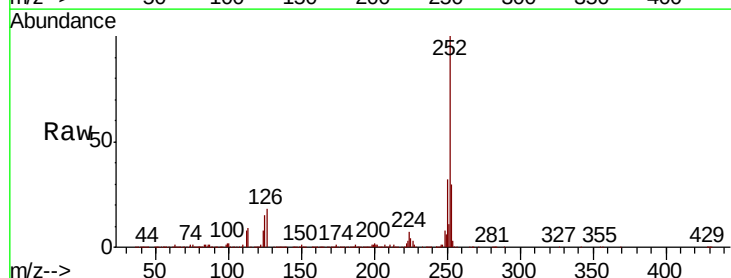
Tgt Ion:252 Resp: 4035171

Ion Ratio Lower Upper

252 100

253 29.7 19.7 29.5#

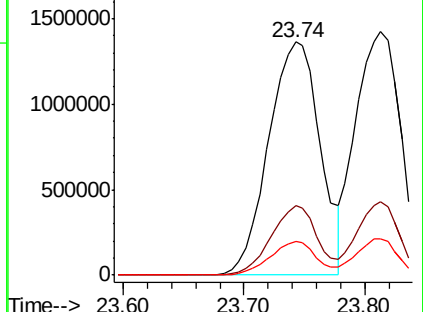
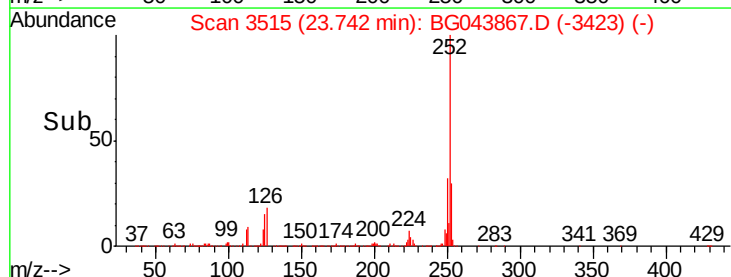
125 14.6 9.4 14.2#

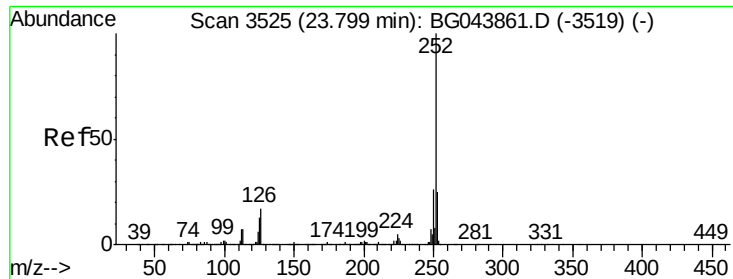


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 83.660 ng

RT: 23.81 min Scan# 3527

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

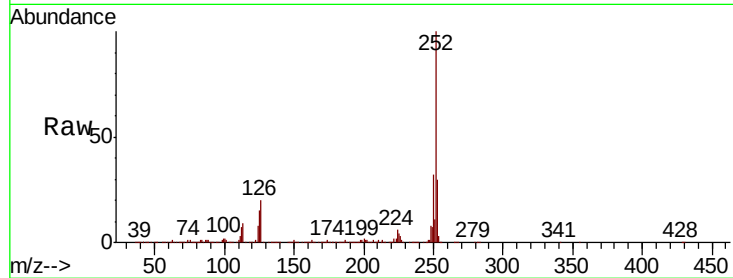
Tot Ion:252 Resp: 3665060

Ion Ratio Lower Upper

252 100

253 30.3 19.4 29.2#

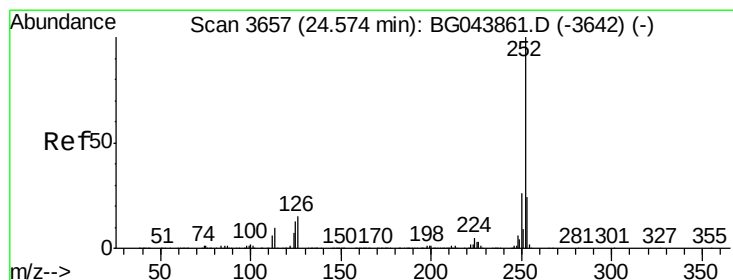
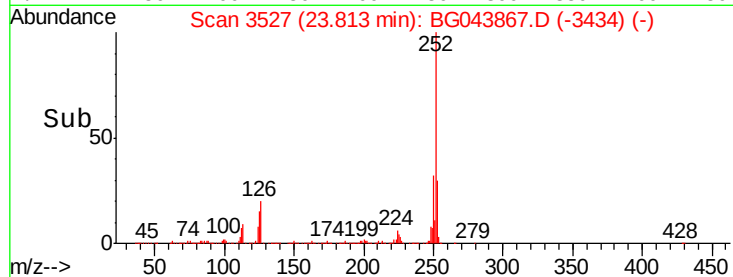
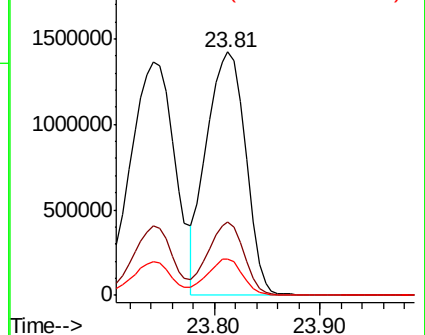
125 15.1 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 88.245 ng

RT: 24.59 min Scan# 3659

Delta R.T. 0.01 min

Lab File: BG043867.D

Acq: 30 Dec 2019 15:51

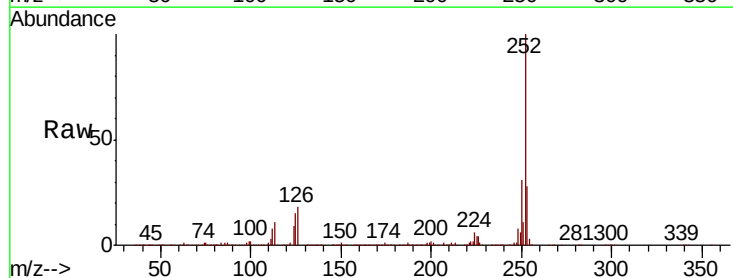
Tgt Ion:252 Resp: 3843548

Ion Ratio Lower Upper

252 100

253 27.9 19.3 28.9

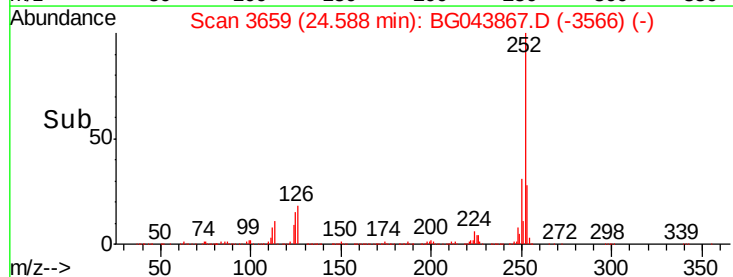
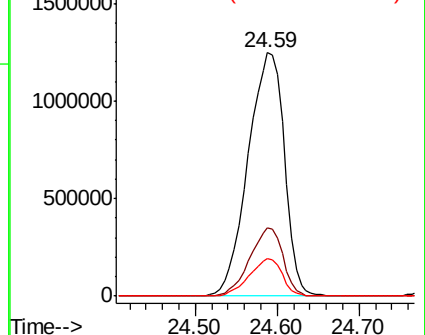
125 15.2 10.4 15.6

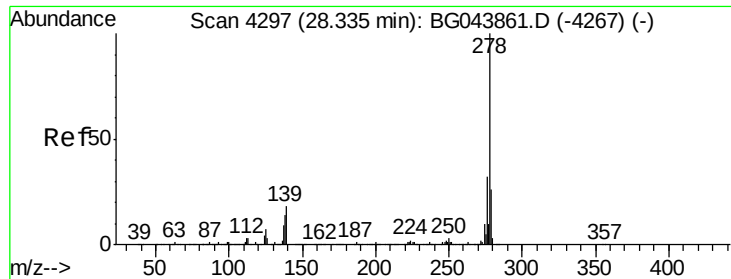


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

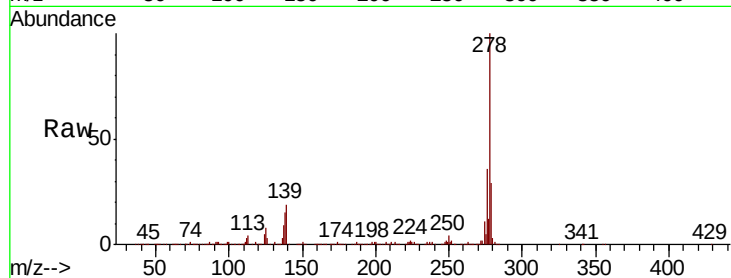




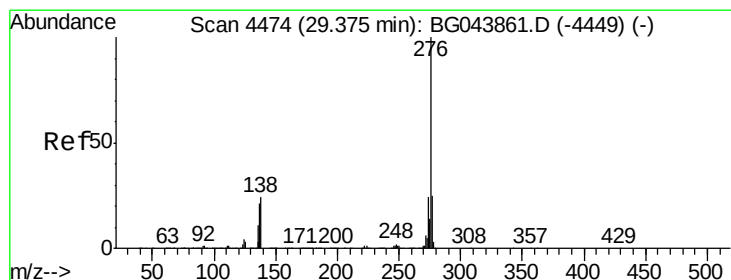
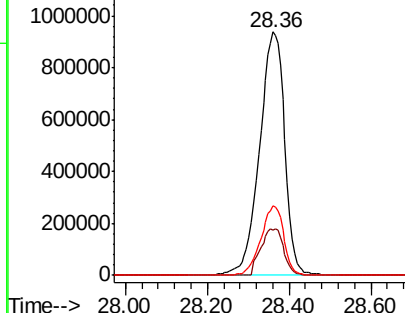
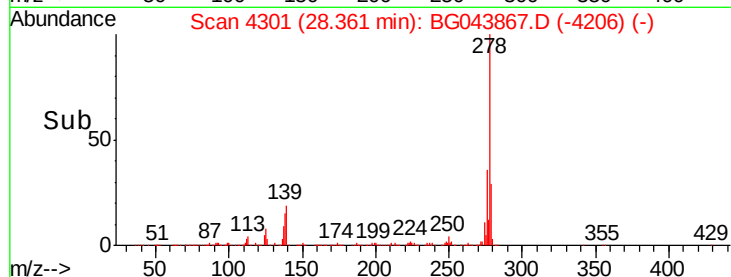
#91
Dibenzo(a,h)anthracene
Concen: 91.473 ng
RT: 28.36 min Scan# 4301
Delta R.T. 0.03 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 4000404
Ion Ratio Lower Upper
278 100
139 18.6 14.2 21.4
279 28.6 20.6 30.8

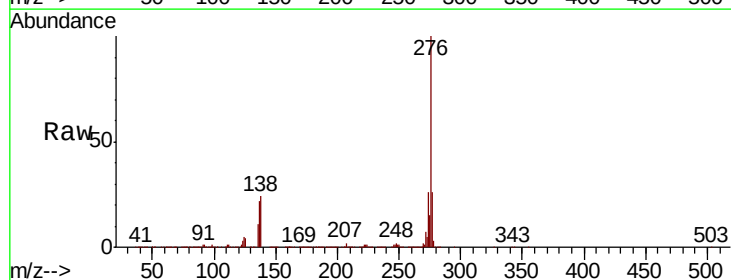


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 94.147 ng
RT: 29.41 min Scan# 4480
Delta R.T. 0.04 min
Lab File: BG043867.D
Acq: 30 Dec 2019 15:51

Tgt Ion:276 Resp: 4091845
Ion Ratio Lower Upper
276 100
277 26.5 20.2 30.4
138 24.0 19.0 28.6



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

