

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042943.D
 Acq On : 30 Sep 2019 15:06
 Operator : JU
 Sample : K5083-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 07:09:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	66516	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	239448	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	177114	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	425366	20.00	ng	0.00
76) Chrysene-d12	21.70	240	481304	20.00	ng	-0.01
87) Perylene-d12	24.93	264	552170	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	367394	98.57	ng	0.00
7) Phenol-d6	7.25	99	535249	99.72	ng	0.00
23) Nitrobenzene-d5	9.23	82	340152	69.05	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	300595	98.70	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	791123	64.75	ng	0.00
79) Terphenyl-d14	20.04	244	1477274	65.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	47133	30.331	ng	100
3) Pyridine	3.95	79	114303	26.152	ng	96
4) n-Nitrosodimethylamine	3.86	42	75421	35.884	ng	99
6) Aniline	7.40	93	118046	18.220	ng	97
8) 2-Chlorophenol	7.64	128	142921	36.769	ng	98
9) Benzaldehyde	7.21	77	96978	29.568	ng	92
10) Phenol	7.27	94	195421	39.684	ng	98
11) bis(2-Chloroethyl)ether	7.49	93	124637	32.712	ng	99
12) 1,3-Dichlorobenzene	7.96	146	158167	31.898	ng	97
13) 1,4-Dichlorobenzene	8.11	146	159884	32.345	ng	97
14) 1,2-Dichlorobenzene	8.43	146	151349	32.161	ng	94
15) Benzyl Alcohol	8.31	79	135896	33.676	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	232512	31.776	ng	98
17) 2-Methylphenol	8.52	107	120385	34.938	ng	98
18) Hexachloroethane	9.16	117	60185	32.329	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	113396	32.175	ng	# 97
20) 3+4-Methylphenols	8.85	107	163117	34.545	ng	93
22) Acetophenone	8.89	105	210125	34.044	ng	# 96
24) Nitrobenzene	9.27	77	175704	37.392	ng	98
25) Isophorone	9.80	82	310836	35.921	ng	99
26) 2-Nitrophenol	9.99	139	80066	40.026	ng	99
27) 2,4-Dimethylphenol	10.04	122	134575	43.807	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	171529	34.937	ng	99
29) 2,4-Dichlorophenol	10.53	162	152790	39.991	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	175268	35.523	ng	96
31) Naphthalene	10.93	128	433219	36.754	ng	99
32) Benzoic acid	10.17	122	75286	33.813	ng	95
33) 4-Chloroaniline	11.03	127	59370	11.608	ng	98
34) Hexachlorobutadiene	11.21	225	127310	34.461	ng	97
35) Caprolactam	11.81	113	20395	15.137	ng	# 89
36) 4-Chloro-3-methylphenol	12.15	107	164278	39.546	ng	97
37) 2-Methylnaphthalene	12.52	142	333484	37.086	ng	97
38) 1-Methylnaphthalene	12.74	142	313583	36.855	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	222020	33.340	ng	97

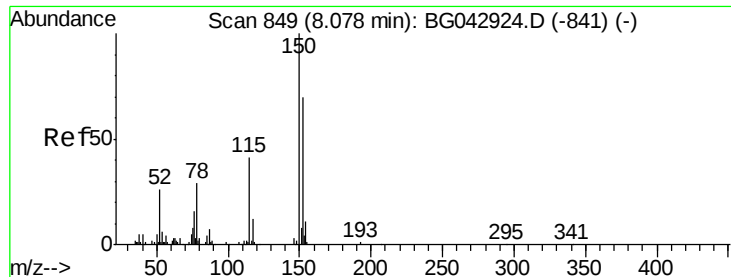
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042943.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	347321	81.857	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	143338	36.775	ng	91
44) 2,4,5-Trichlorophenol	13.20	196	158815	39.553	ng	96
46) 1,1'-Biphenyl	13.53	154	457344	34.050	ng	96
47) 2-Chloronaphthalene	13.57	162	354071	35.161	ng	99
48) 2-Nitroaniline	13.77	65	116090	34.666	ng	98
49) Acenaphthylene	14.42	152	577708	37.492	ng	100
50) Dimethylphthalate	14.15	163	564157	42.512	ng	99
51) 2,6-Dinitrotoluene	14.26	165	105207	37.228	ng	97
52) Acenaphthene	14.76	154	352733	34.200	ng	99
53) 3-Nitroaniline	14.59	138	44779	15.332	ng	89
54) 2,4-Dinitrophenol	14.79	184	134998	76.851	ng	95
55) Dibenzofuran	15.09	168	567488	37.195	ng	98
56) 4-Nitrophenol	14.91	139	179382	80.611	ng	100
57) 2,4-Dinitrotoluene	15.04	165	152165	36.768	ng	98
58) Fluorene	15.74	166	479773	36.832	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	157711	36.889	ng	99
60) Diethylphthalate	15.51	149	473184	35.037	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	274321	35.115	ng	98
62) 4-Nitroaniline	15.76	138	110160	34.584	ng	97
63) Azobenzene	16.02	77	447996	36.435	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	95528	39.688	ng	98
66) n-Nitrosodiphenylamine	15.94	169	421337	37.522	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	193763	36.294	ng	96
68) Hexachlorobenzene	16.74	284	210190	35.360	ng	97
69) Atrazine	16.89	200	164627	34.816	ng	97
70) Pentachlorophenol	17.08	266	273732	79.805	ng	98
71) Phenanthrene	17.48	178	771577	37.155	ng	97
72) Anthracene	17.57	178	796853	38.437	ng	100
73) Carbazole	17.84	167	732753	38.115	ng	99
74) Di-n-butylphthalate	18.39	149	835416	36.422	ng	99
75) Fluoranthene	19.48	202	1050810	38.257	ng	100
77) Benzidine	19.66	184	518394	43.015	ng	98
78) Pyrene	19.84	202	1067758	37.169	ng	99
80) Butylbenzylphthalate	20.73	149	388505	35.629	ng	95
81) Benzo(a)anthracene	21.68	228	1111872	37.075	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	173652	14.763	ng	96
83) Chrysene	21.75	228	1056862	36.315	ng	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	561009	36.157	ng	97
85) Di-n-octyl phthalate	22.81	149	956231	37.689	ng	100
86) Indeno(1,2,3-cd)pyrene	28.61	276	1349302	37.242	ng	99
88) Benzo(b)fluoranthene	23.90	252	1167580	37.371	ng	97
89) Benzo(k)fluoranthene	23.98	252	1138899	36.848	ng	99
90) Benzo(a)pyrene	24.77	252	1135532	38.523	ng	99
91) Dibenzo(a,h)anthracene	28.67	278	1144264	37.857	ng	99
92) Benzo(g,h,i)perylene	29.75	276	1118903	38.205	ng	98

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

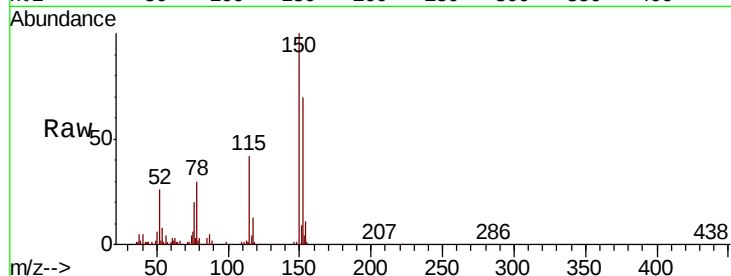


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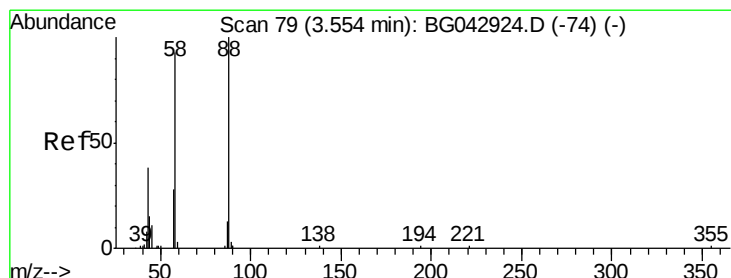
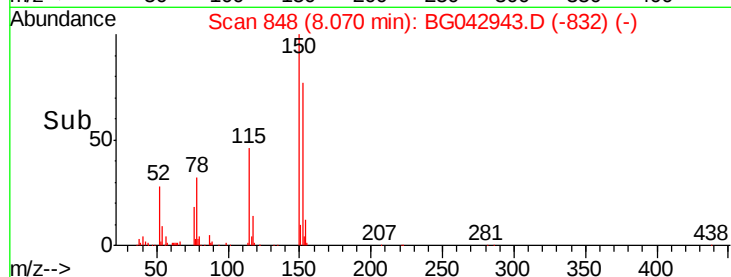
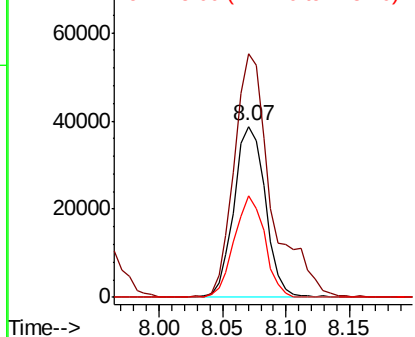
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66516
Ion Ratio Lower Upper
152 100
150 142.2 115.0 172.4
115 59.2 47.0 70.6



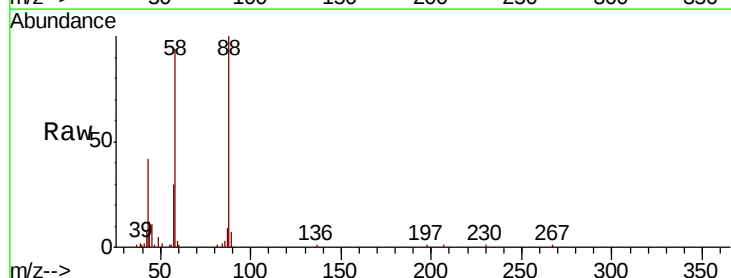
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



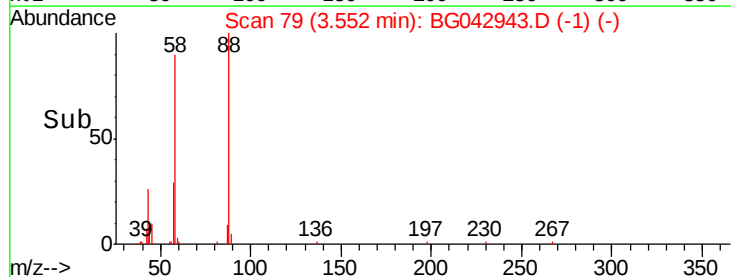
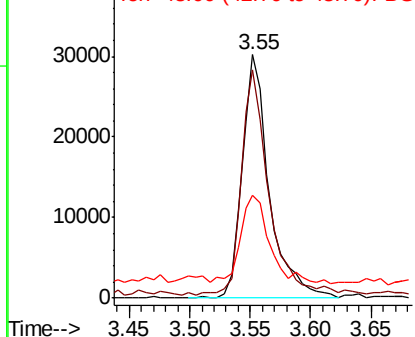
#2

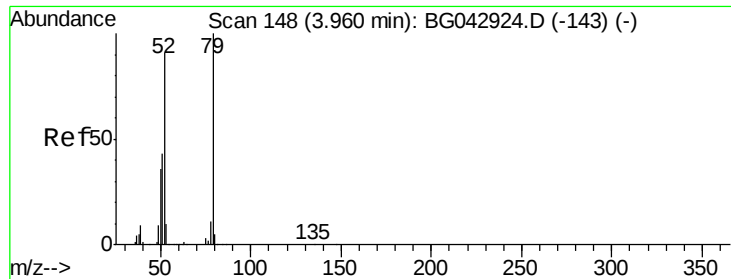
1,4-Dioxane
Concen: 30.331 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion: 88 Resp: 47133
Ion Ratio Lower Upper
88 100
58 92.9 74.3 111.5
43 38.2 29.8 44.8



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: 26.152 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

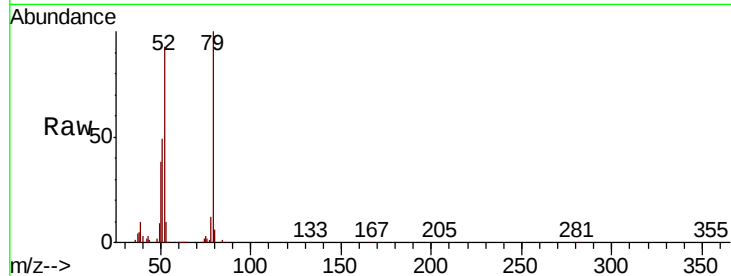
Tot Ion: 79 Resp: 114303

Ion Ratio Lower Upper

79 100

52 93.1 73.0 109.4

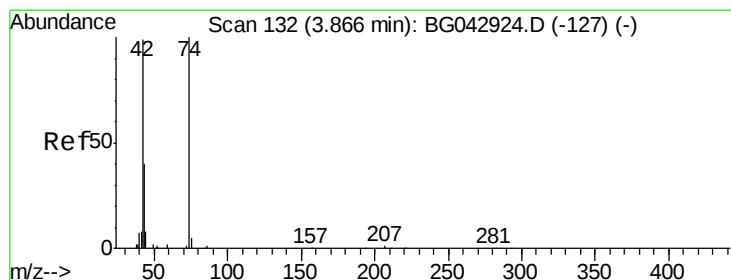
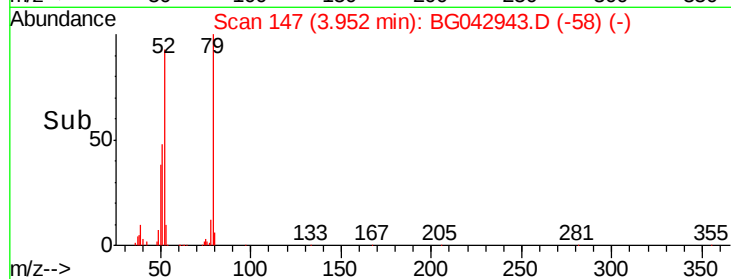
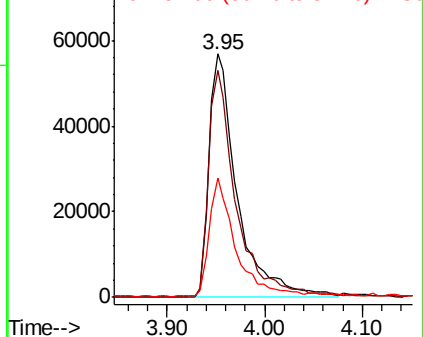
51 49.1 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.884 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

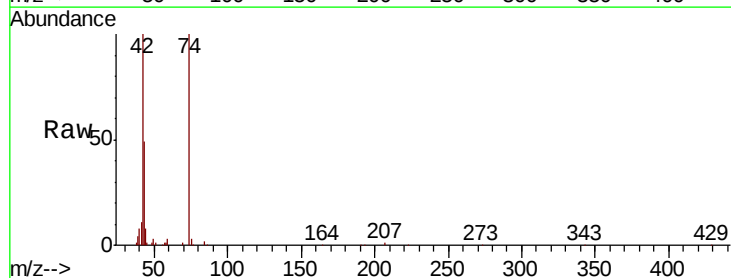
Tgt Ion: 42 Resp: 75421

Ion Ratio Lower Upper

42 100

74 100.1 80.5 120.7

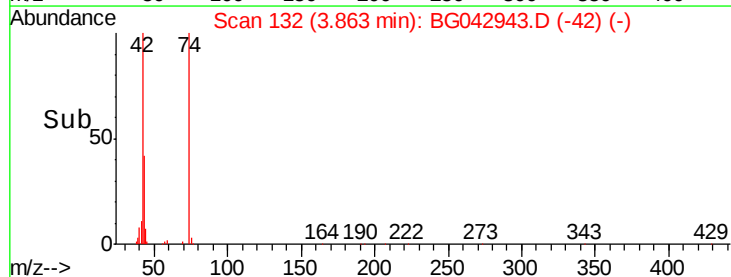
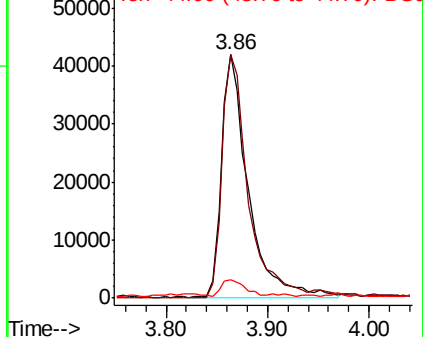
44 7.7 6.9 10.3

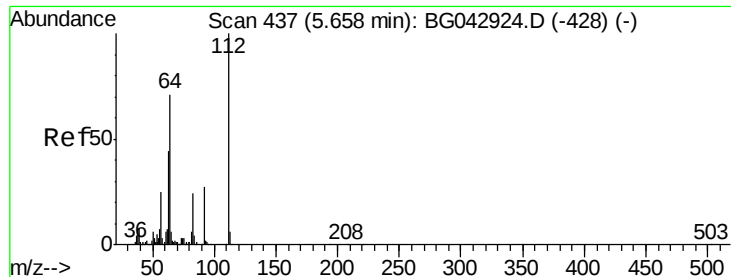


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 98.572 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

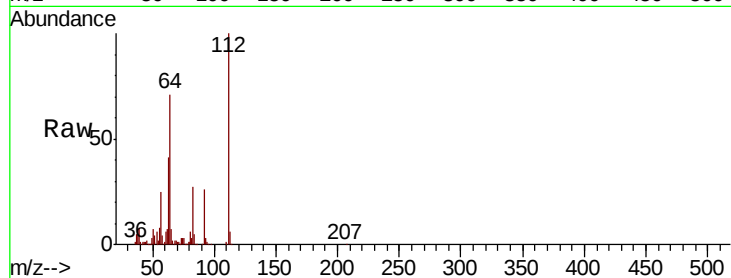
Tot Ion:112 Resp: 367394

Ion Ratio Lower Upper

112 100

64 71.0 56.6 84.8

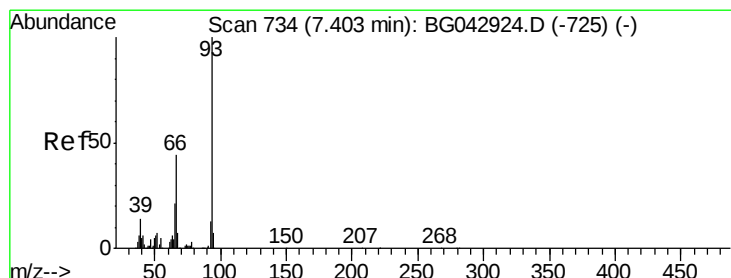
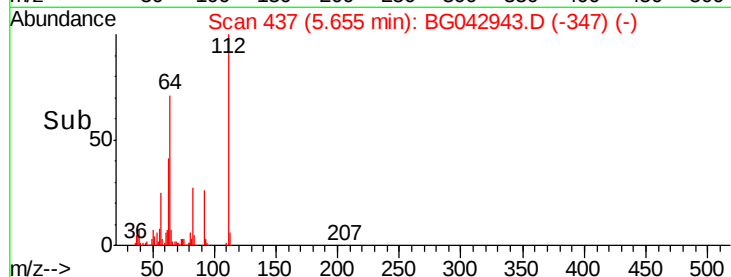
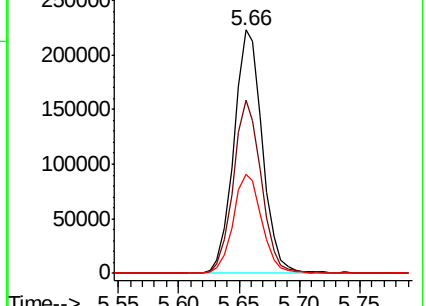
63 40.9 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.220 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

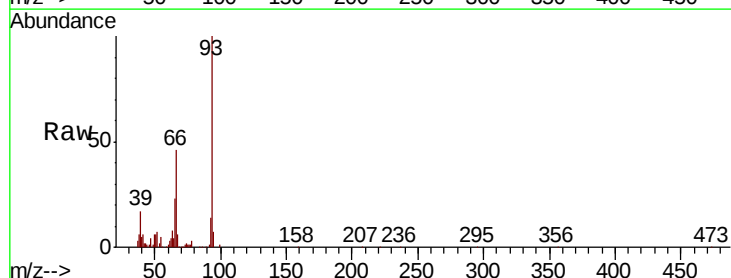
Tgt Ion: 93 Resp: 118046

Ion Ratio Lower Upper

93 100

66 46.3 35.0 52.6

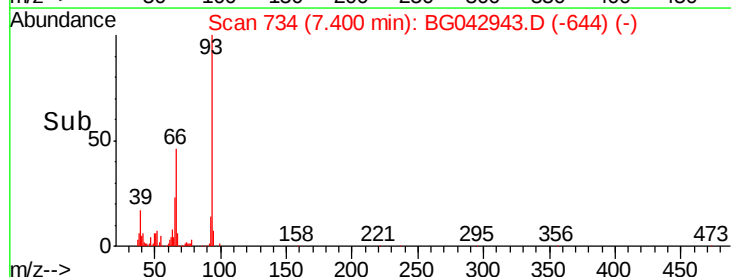
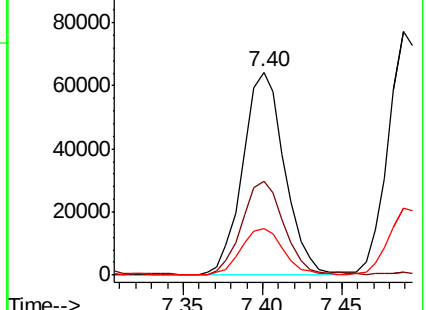
65 22.8 17.4 26.0

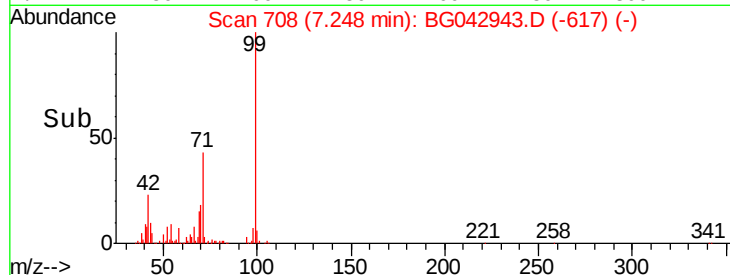
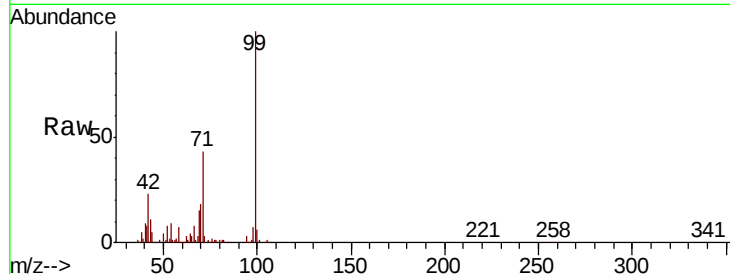
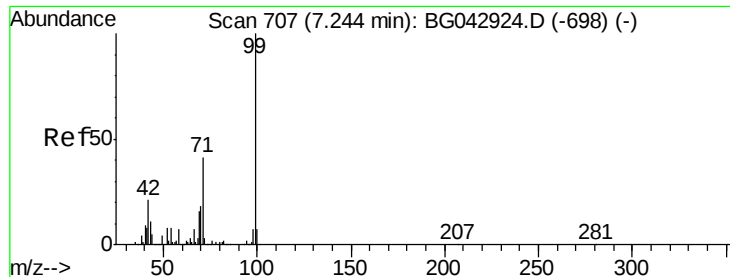


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.723 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

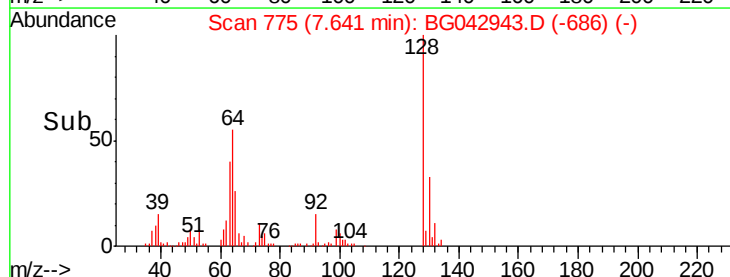
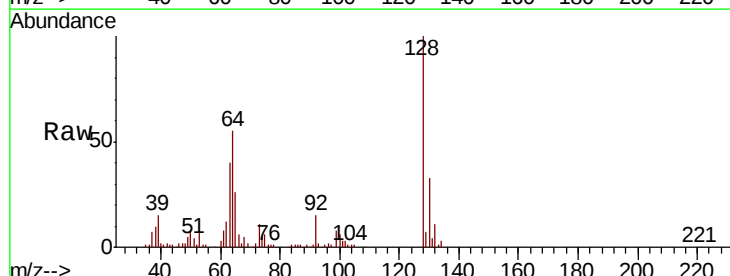
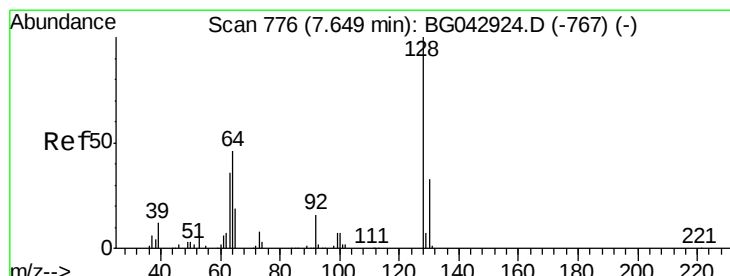
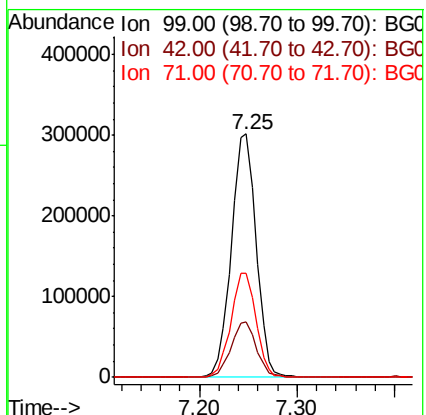
Tot Ion: 99 Resp: 535249

Ion Ratio Lower Upper

99 100

42 23.0 17.2 25.8

71 42.7 33.1 49.7



#8

2-Chlorophenol

Concen: 36.769 ng

RT: 7.64 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

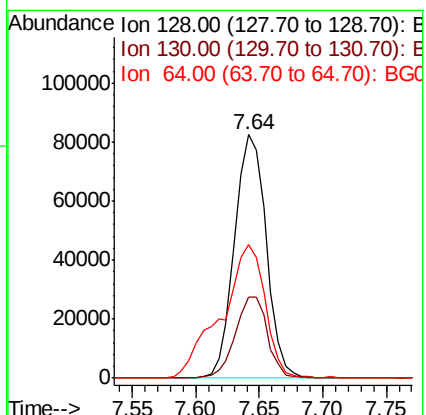
Tgt Ion: 128 Resp: 142921

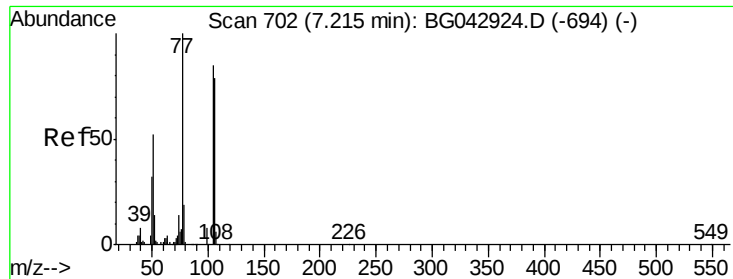
Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

64 55.0 32.8 72.8





#9

Benzaldehyde

Concen: 29.568 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

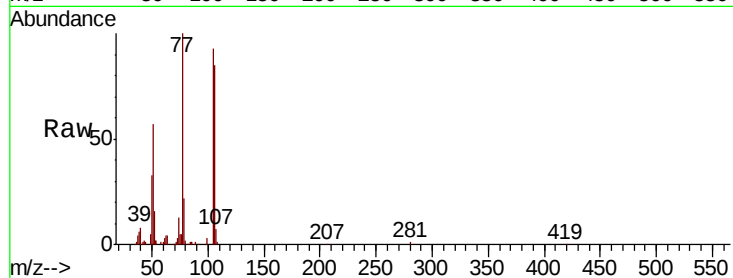
Tot Ion: 77 Resp: 96978

Ion Ratio Lower Upper

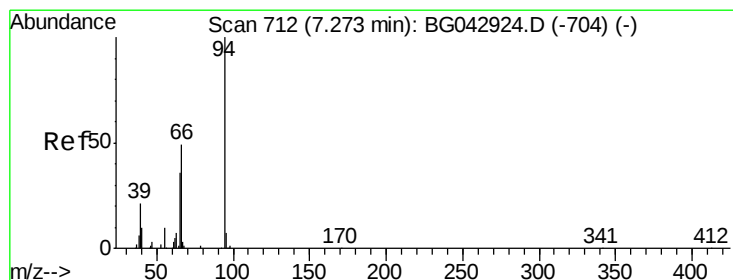
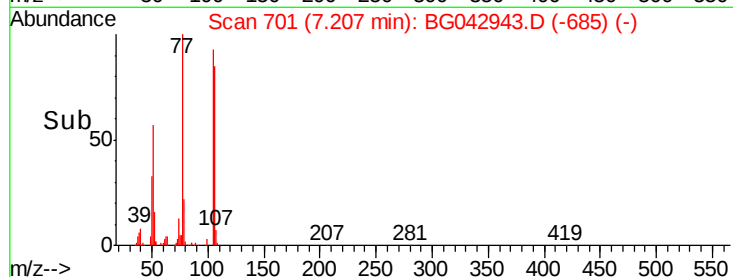
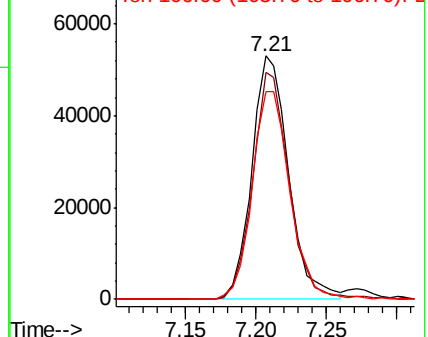
77 100

105 93.0 64.6 104.6

106 85.4 59.4 99.4



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: 39.684 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

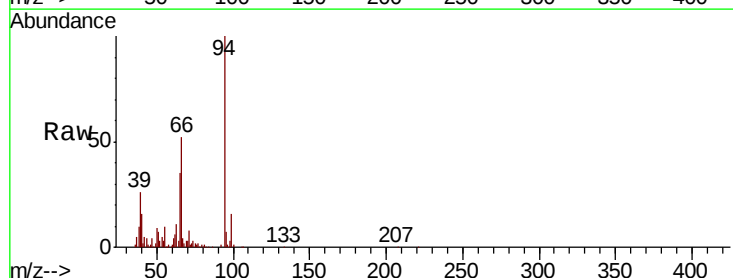
Tgt Ion: 94 Resp: 195421

Ion Ratio Lower Upper

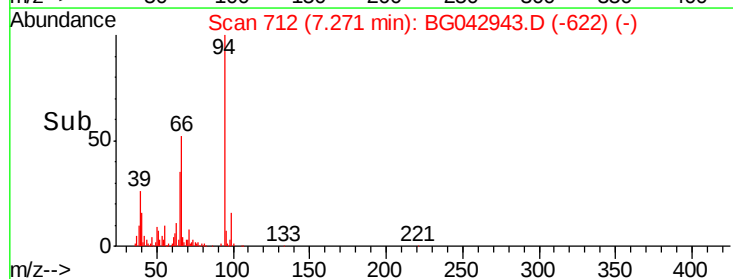
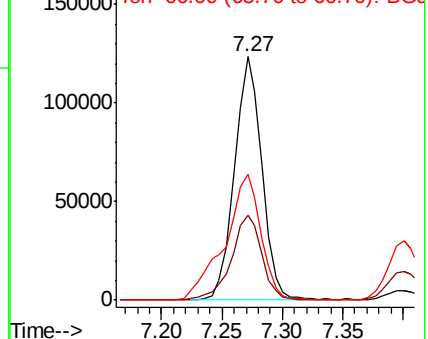
94 100

65 34.8 16.6 56.6

66 51.7 32.4 72.4



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

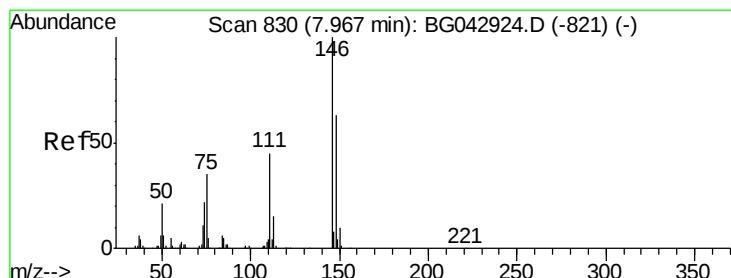
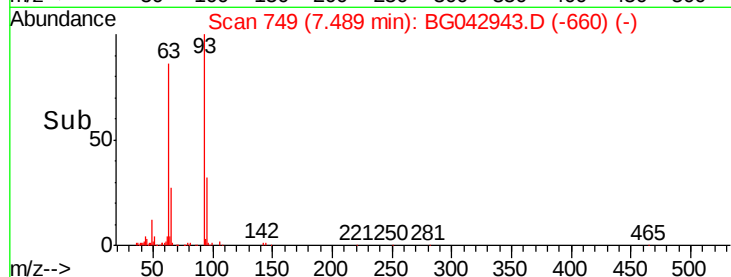
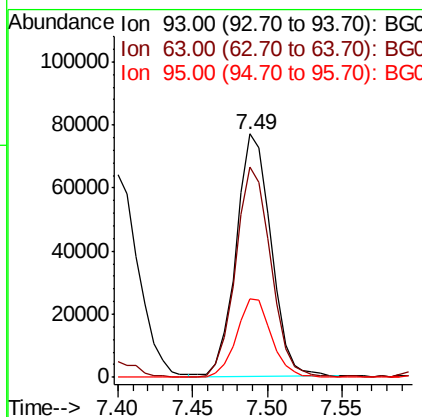
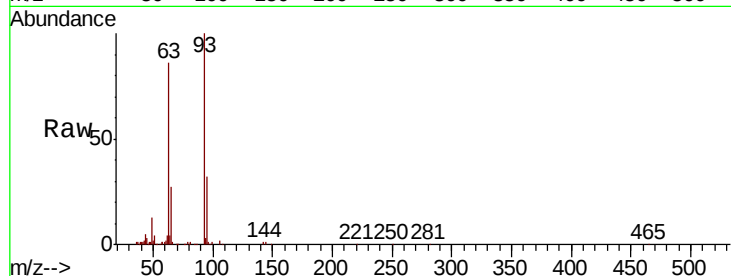




#11
bis(2-Chloroethyl)ether
Concen: 32.712 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

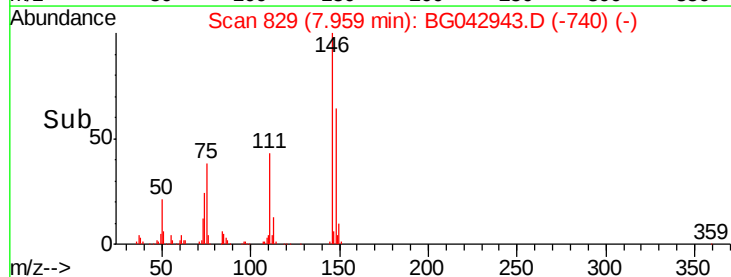
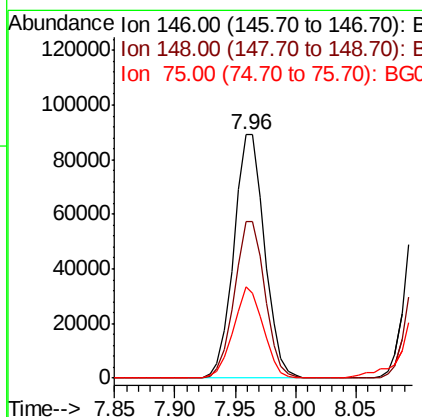
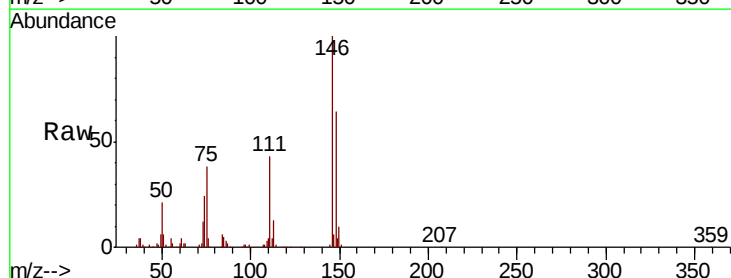
Instrument :
BNA_G
ClientSampled :

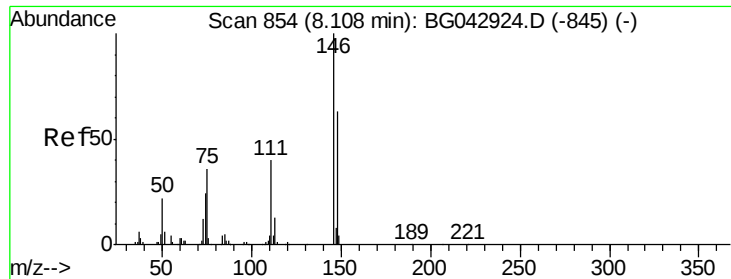
Tot Ion	93	Resp	124637
Ion Ratio	Lower	Upper	
93	100		
63	86.5	67.4	107.4
95	32.1	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 31.898 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	146	Resp	158167
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.7	76.1
75	37.7	27.7	41.5

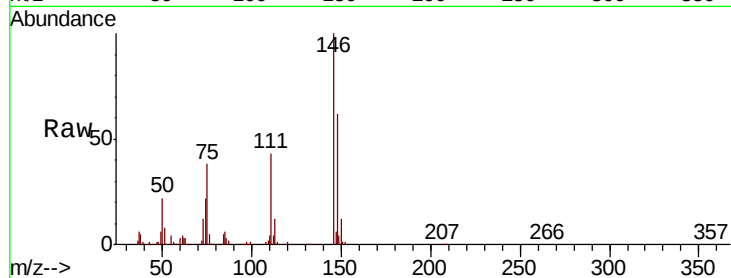




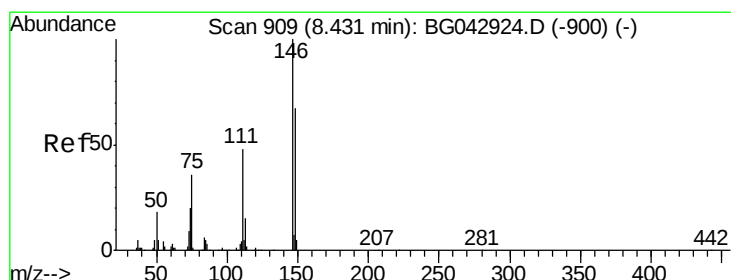
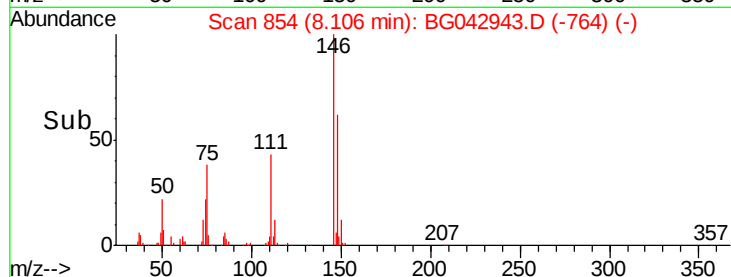
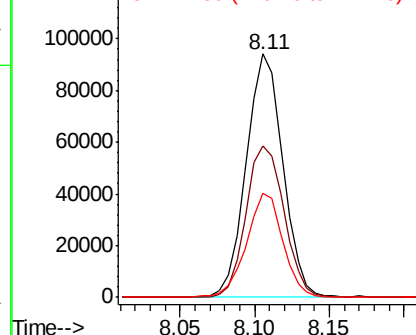
#13
 1,4-Dichlorobenzene
 Concen: 32.345 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 159884
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.9 76.3
 111 42.9 31.8 47.8

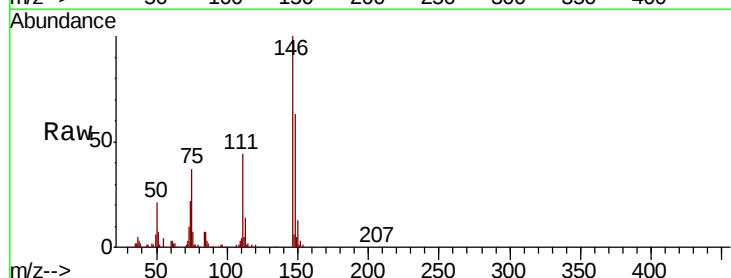


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

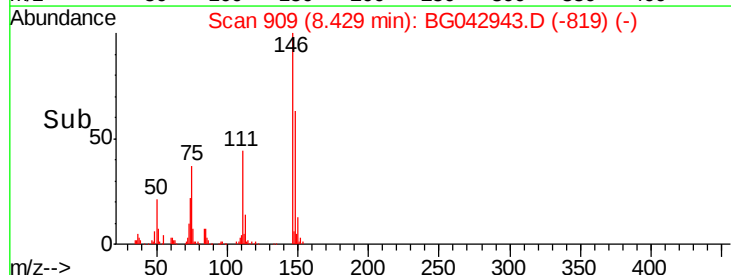
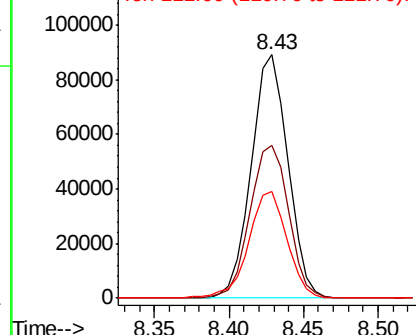


#14
 1,2-Dichlorobenzene
 Concen: 32.161 ng
 RT: 8.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion:146 Resp: 151349
 Ion Ratio Lower Upper
 146 100
 148 62.9 53.4 80.2
 111 43.8 38.5 57.7



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

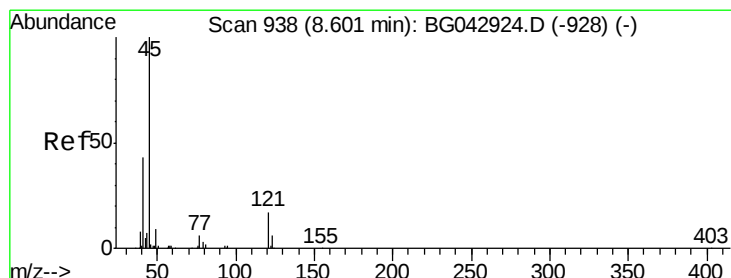
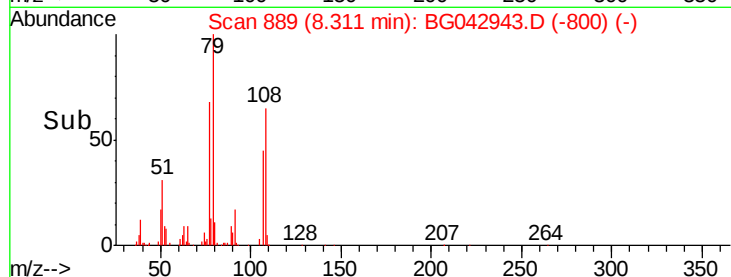
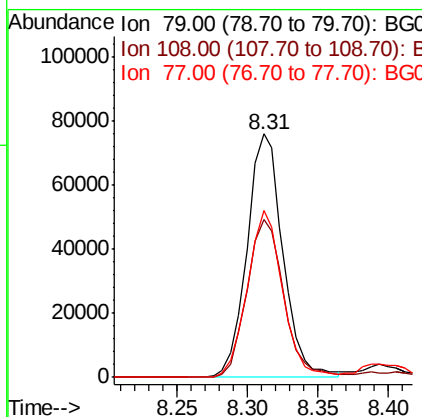
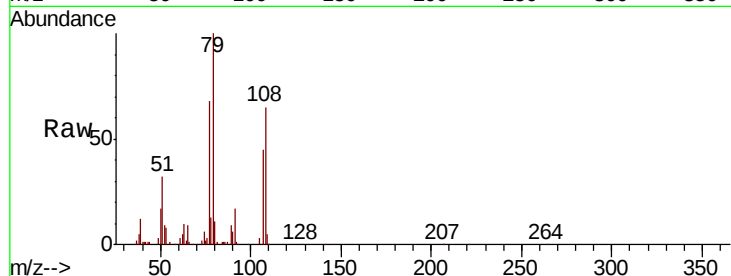




#15
Benzyl Alcohol
Concen: 33.676 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

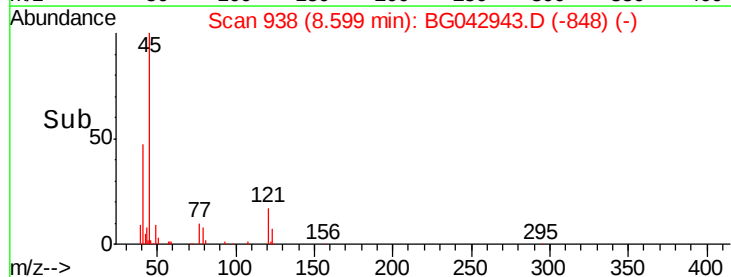
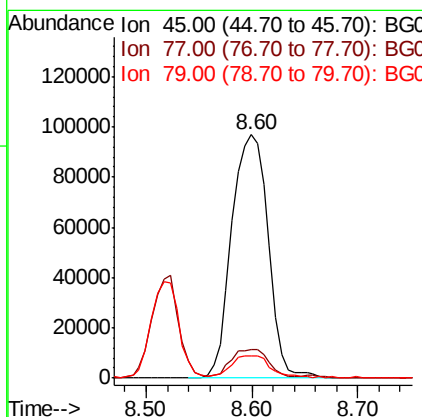
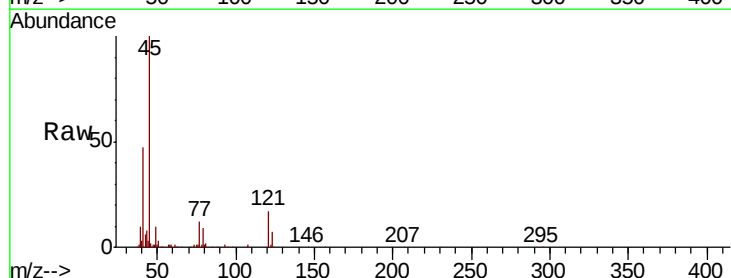
Instrument :
BNA_G
ClientSampled :

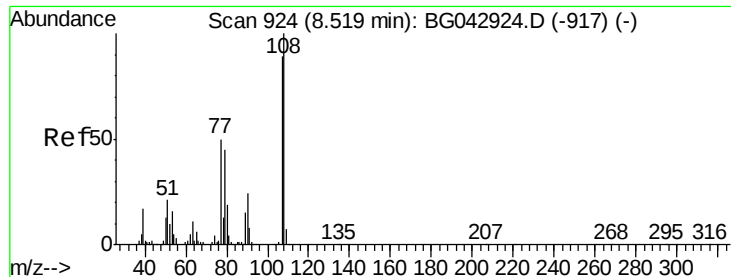
Tot Ion	Ratio	Lower	Upper
79	100		
108	64.7	55.7	83.5
77	68.3	53.3	79.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.776 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	32.8
79	9.1	0.0	29.4

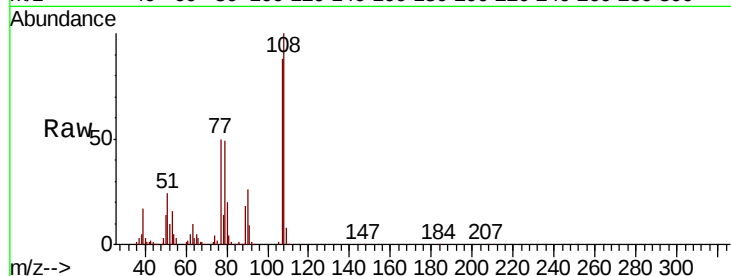




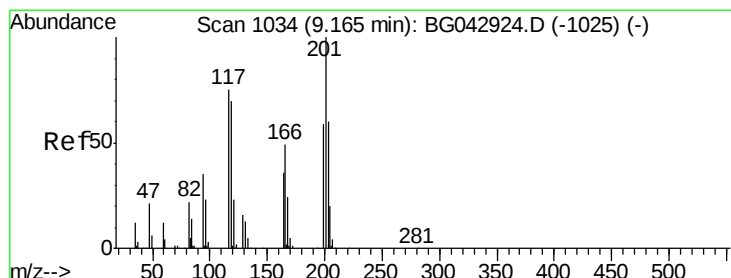
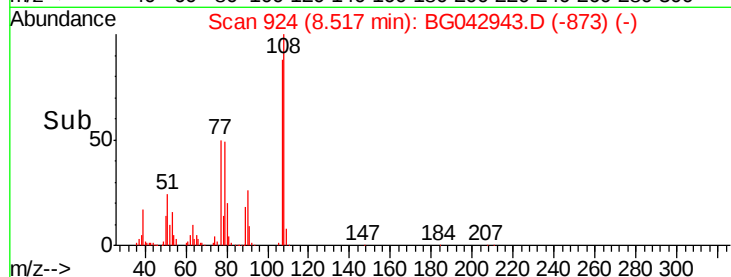
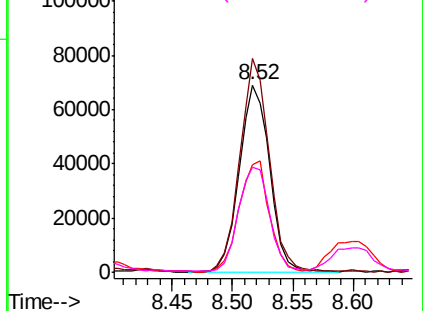
#17
2-Methylphenol
Concen: 34.938 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	120385
Ion	Ratio	Lower	Upper
107	100		
108	114.0	89.9	134.9
77	57.2	45.4	68.2
79	55.8	41.4	62.0

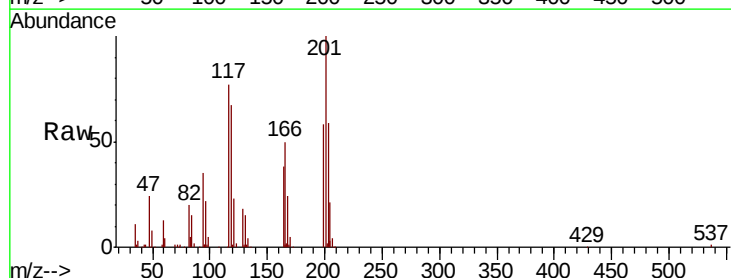


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

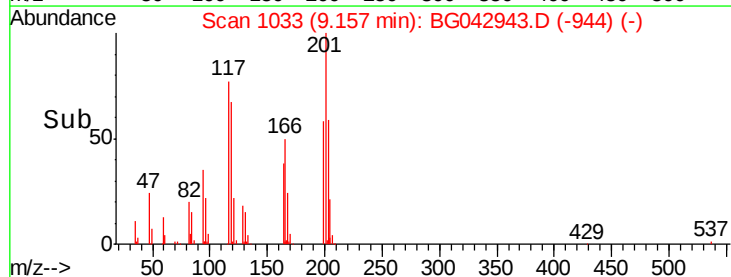
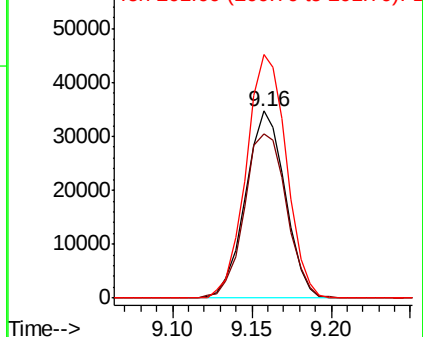


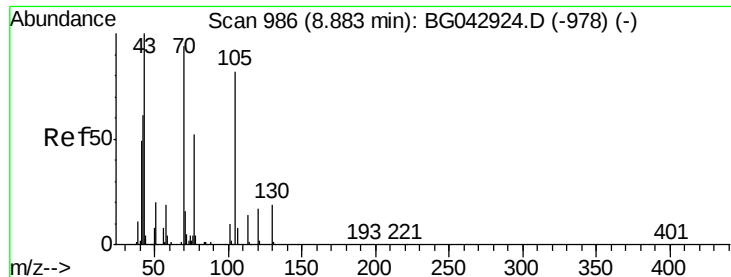
#18
Hexachloroethane
Concen: 32.329 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion:	117	Resp:	60185
Ion	Ratio	Lower	Upper
117	100		
119	87.7	74.6	111.8
201	133.4	106.0	159.0



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

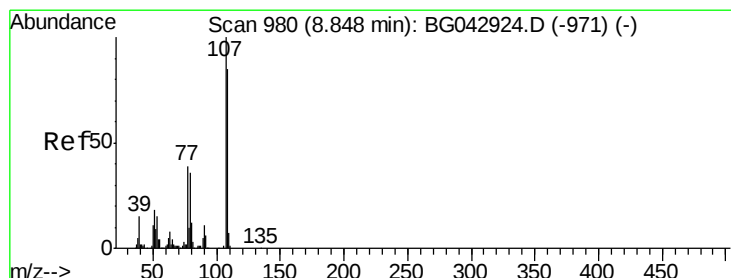
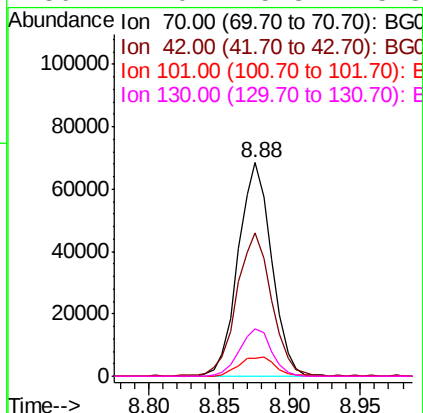
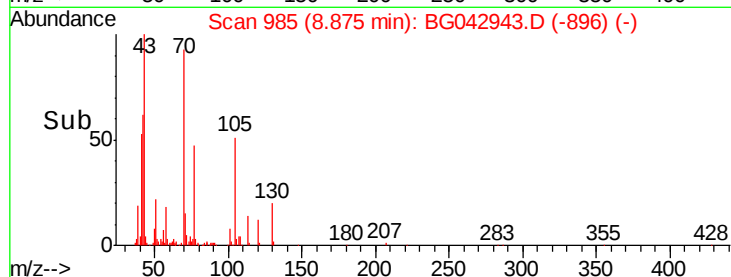
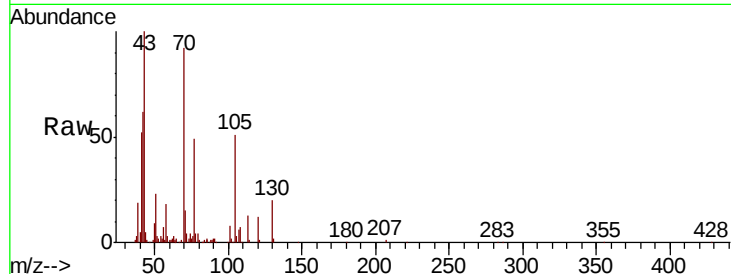




#19
n-Nitroso-di-n-propylamine
Concen: 32.175 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

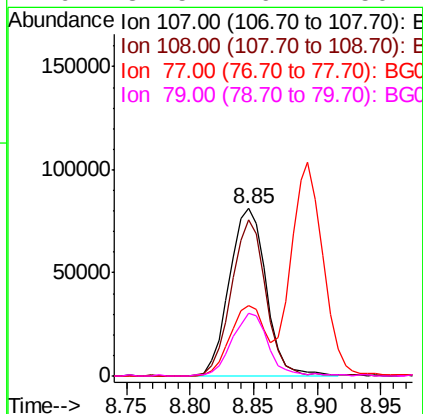
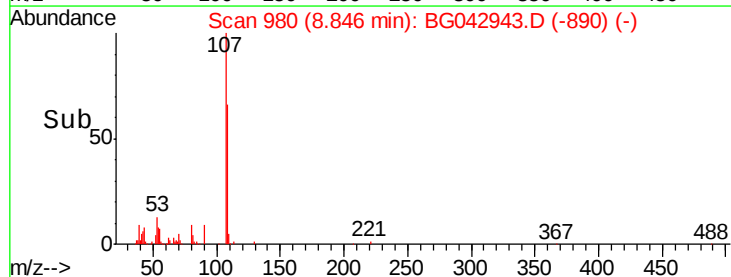
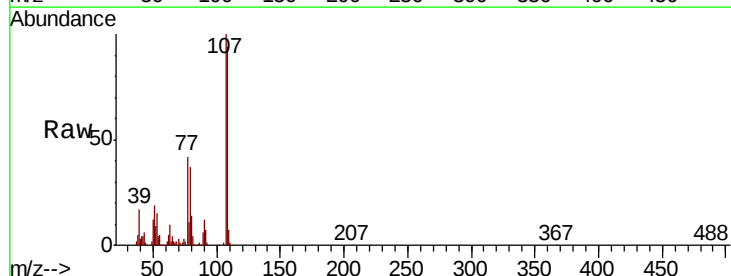
Instrument :
BNA_G
ClientSampleId :

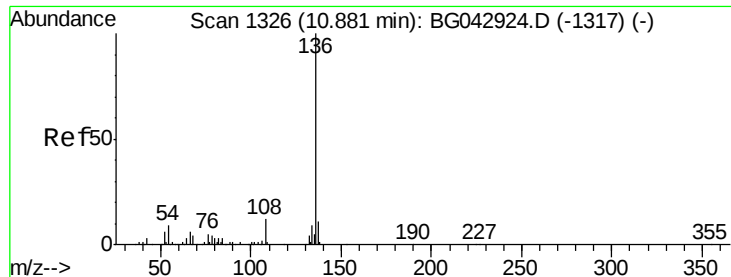
Tot Ion: 70 Resp: 113396
Ion Ratio Lower Upper
70 100
42 67.2 52.6 79.0
101 8.6 8.7 13.1#
130 22.0 15.8 23.8



#20
3+4-Methylphenols
Concen: 34.545 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion:107 Resp: 163117
Ion Ratio Lower Upper
107 100
108 93.5 64.9 104.9
77 42.0 19.4 59.4
79 37.5 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 239448

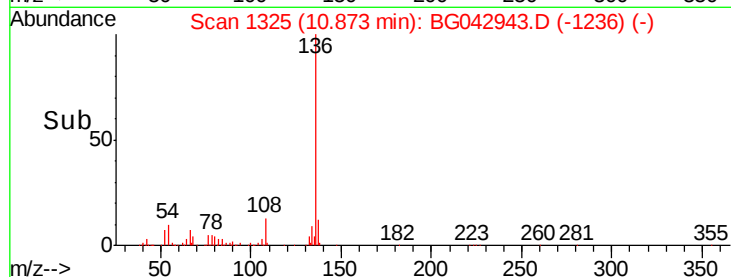
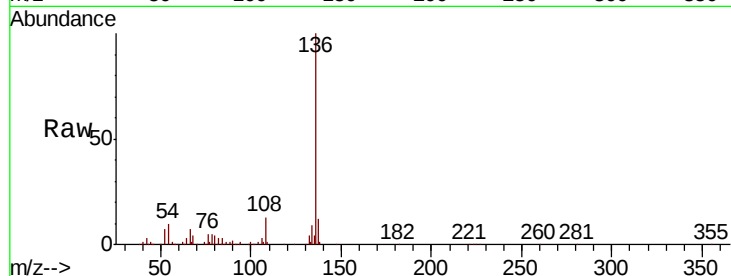
Ion Ratio Lower Upper

136 100

137 12.3 8.5 12.7

54 9.8 7.4 11.2

68 4.3 3.6 5.4

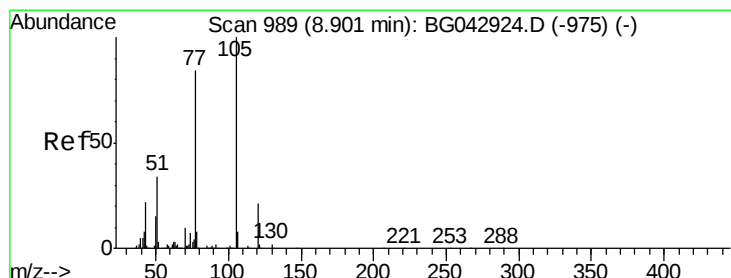
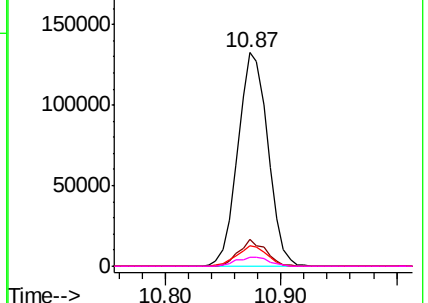


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 34.044 ng

RT: 8.89 min Scan# 988

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion:105 Resp: 210125

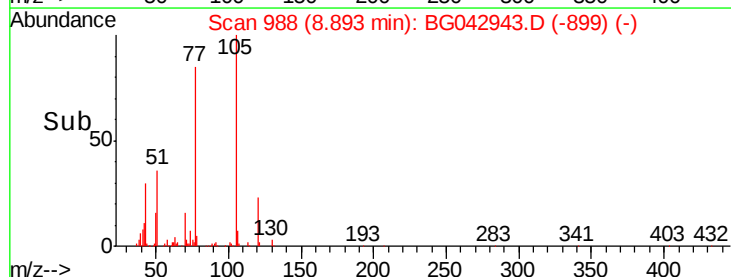
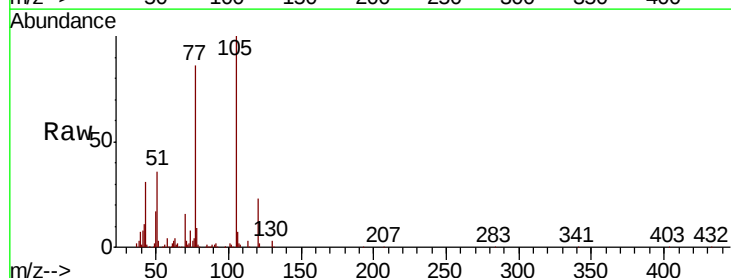
Ion Ratio Lower Upper

105 100

71 2.8 1.2 1.8#

51 36.3 27.2 40.8

120 22.7 16.9 25.3

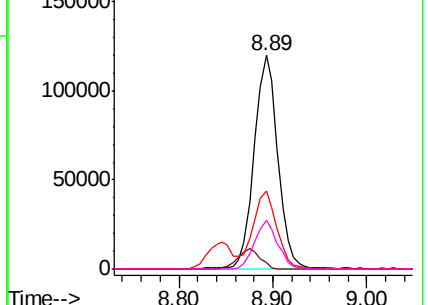


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

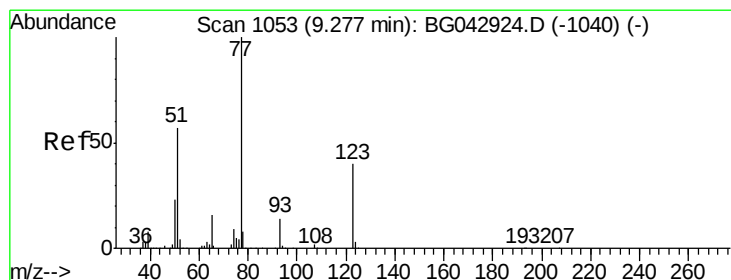
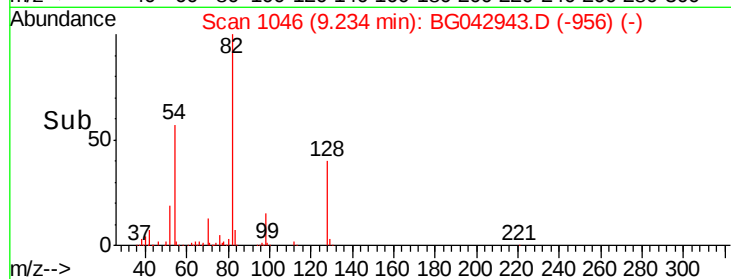
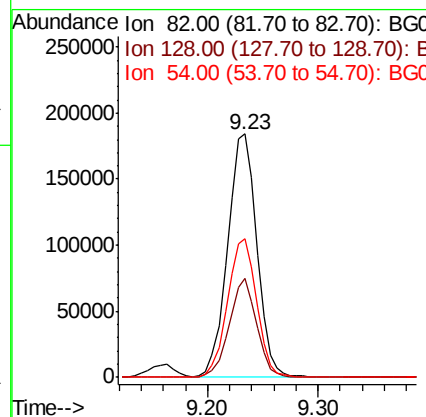
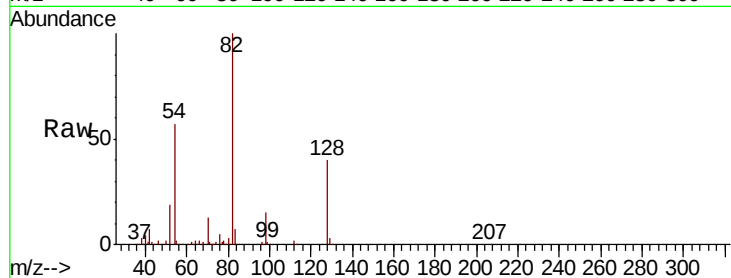




#23
 Nitrobenzene-d5
 Concen: 69.047 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

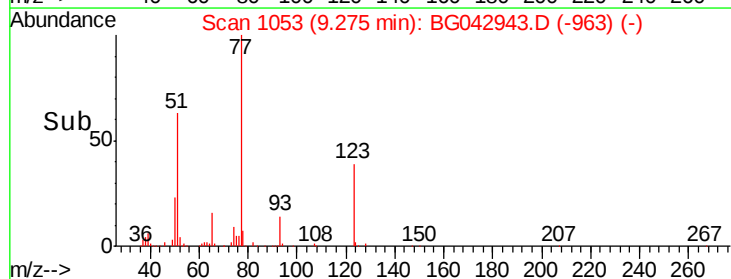
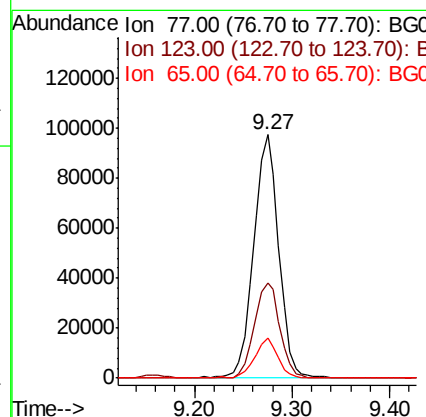
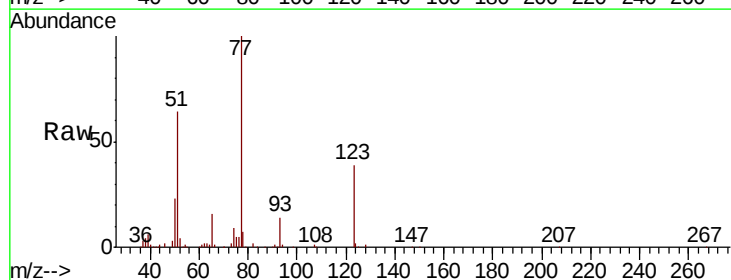
Instrument :
 BNA_G
 ClientSampled :

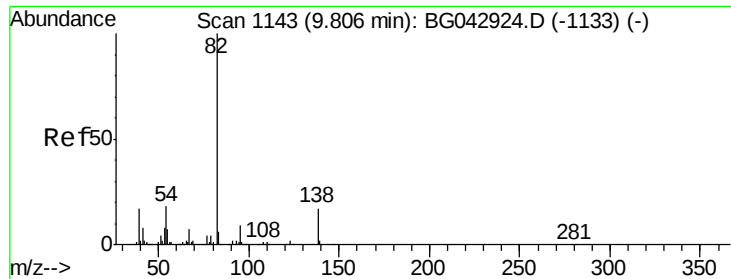
Tot Ion	82	Resp	340152
Ion Ratio	Lower	Upper	
82	100		
128	40.4	29.5	44.3
54	57.0	44.6	67.0



#24
 Nitrobenzene
 Concen: 37.392 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion	77	Resp	175704
Ion Ratio	Lower	Upper	
77	100		
123	39.0	31.9	47.9
65	16.4	12.4	18.6





#25

Isophorone

Concen: 35.921 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

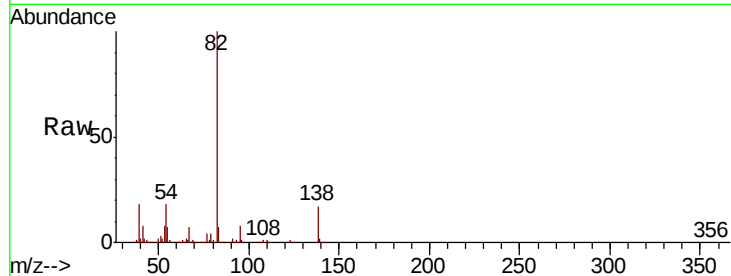
Tot Ion: 82 Resp: 310836

Ion Ratio Lower Upper

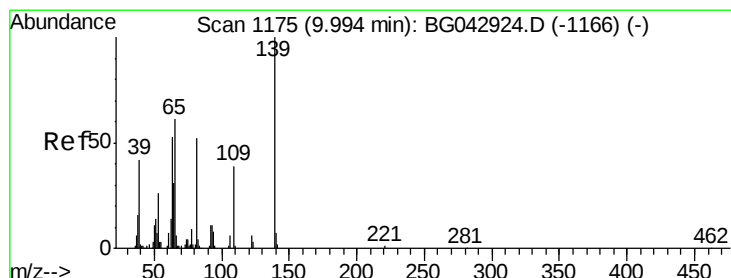
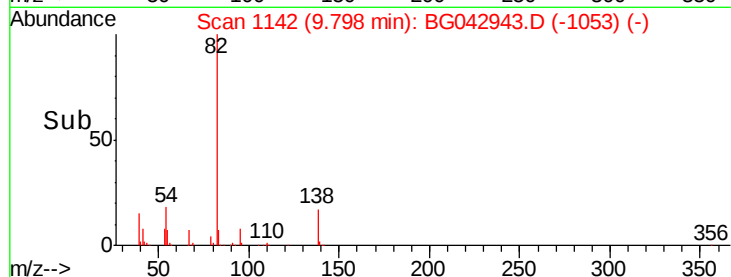
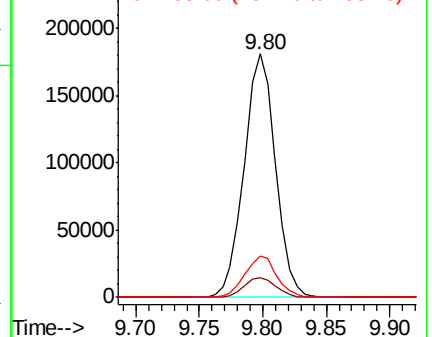
82 100

95 8.2 7.0 10.4

138 17.1 13.8 20.6



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: 40.026 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

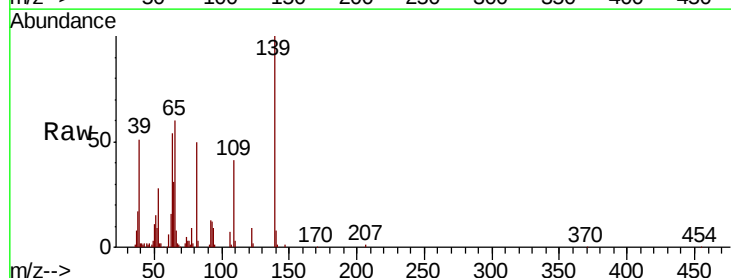
Tgt Ion: 139 Resp: 80066

Ion Ratio Lower Upper

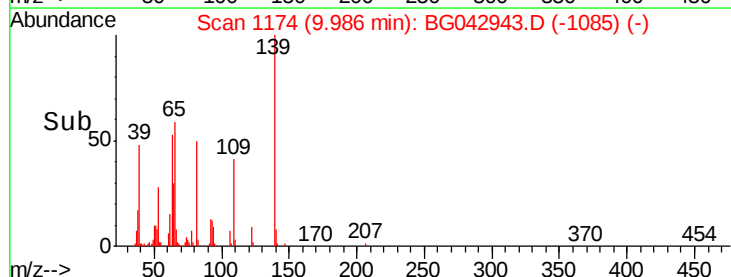
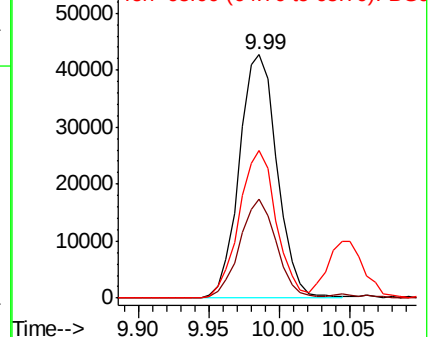
139 100

109 40.6 31.0 46.6

65 60.4 48.4 72.6



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

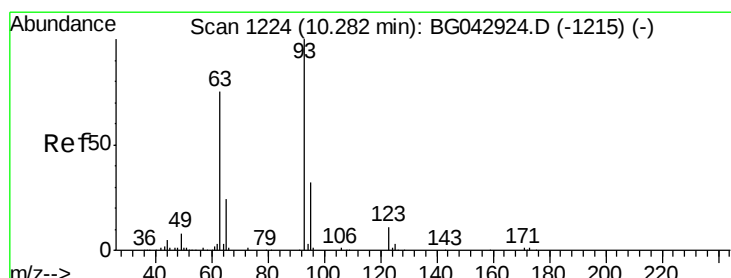
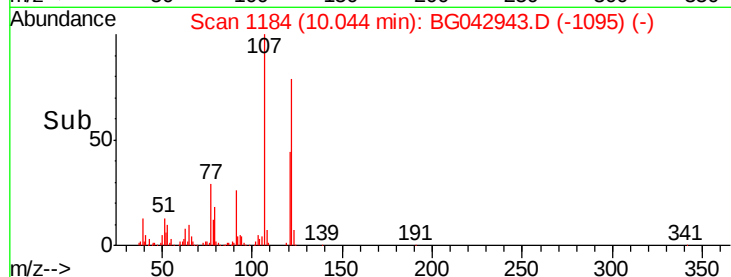
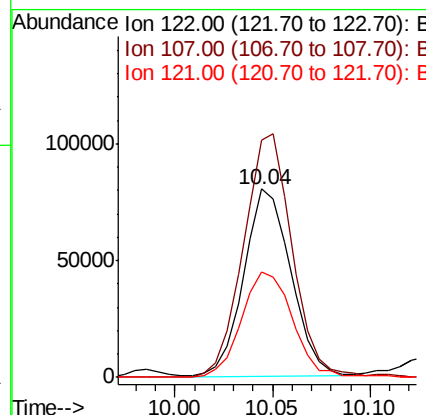
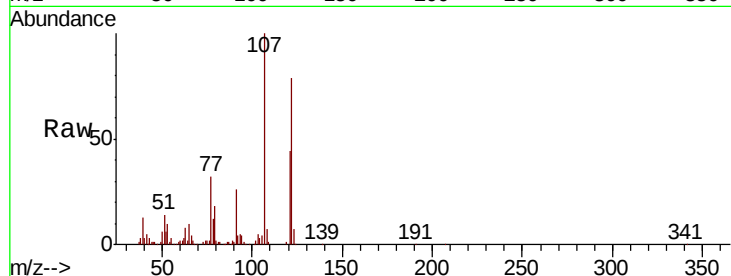




#27
2,4-Dimethylphenol
Concen: 43.807 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

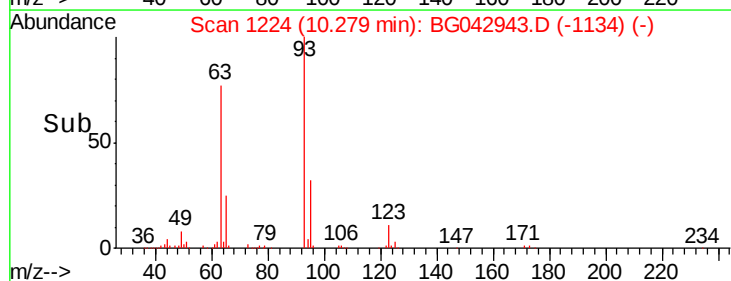
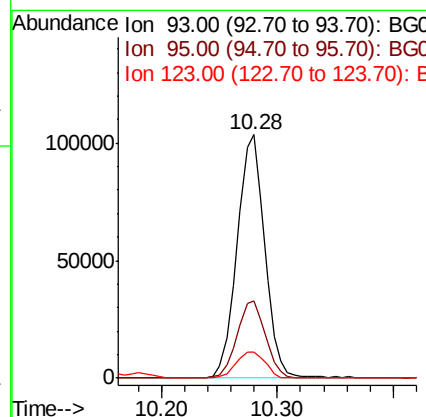
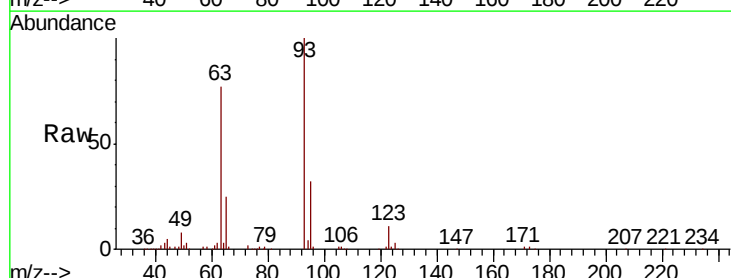
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.9	102.2	153.2
121	56.0	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 34.937 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.4	38.0
123	10.8	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 39.991 ng

RT: 10.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

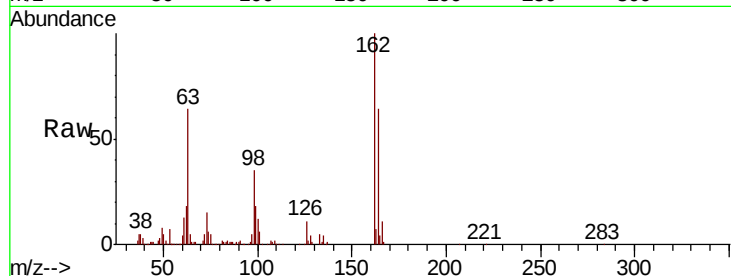
Tot Ion:162 Resp: 152790

Ion Ratio Lower Upper

162 100

164 63.7 44.7 84.7

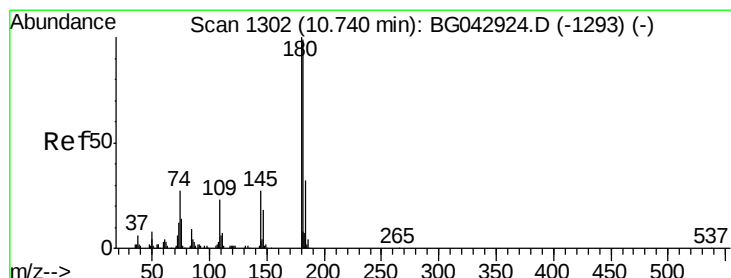
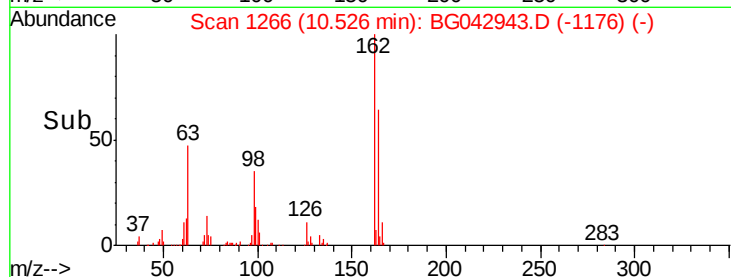
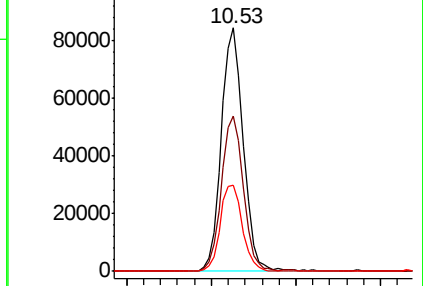
98 35.4 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 35.523 ng

RT: 10.74 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

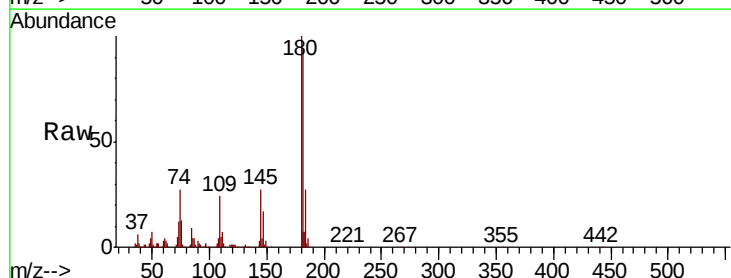
Tgt Ion:180 Resp: 175268

Ion Ratio Lower Upper

180 100

182 94.3 79.3 118.9

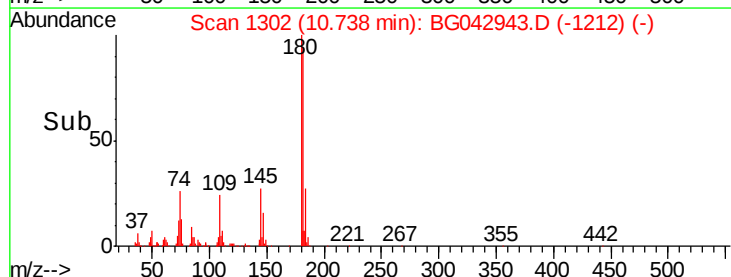
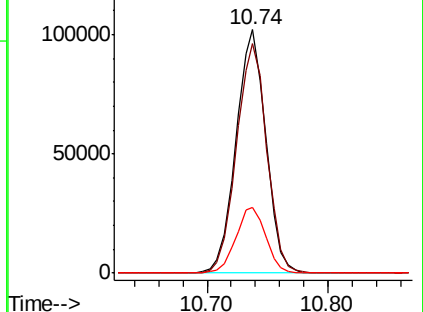
145 26.9 22.0 33.0



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

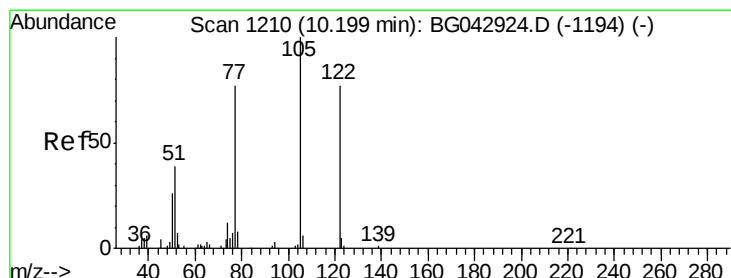
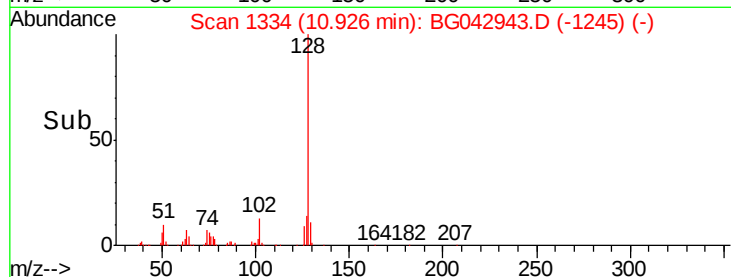
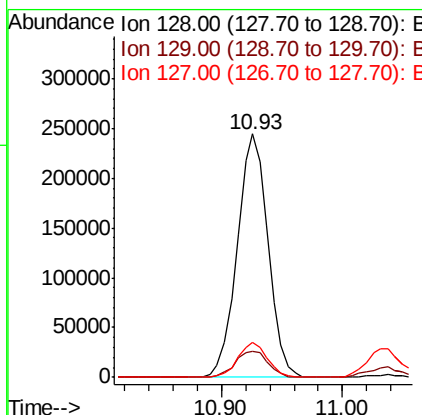
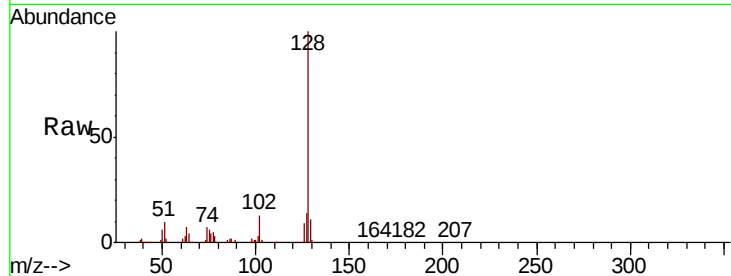




#31
Naphthalene
Concen: 36.754 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

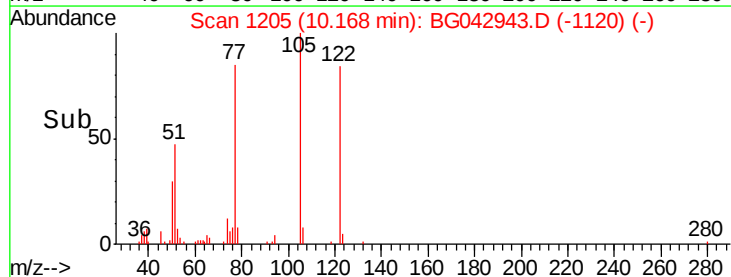
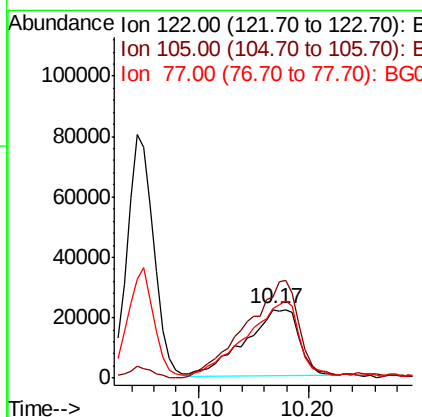
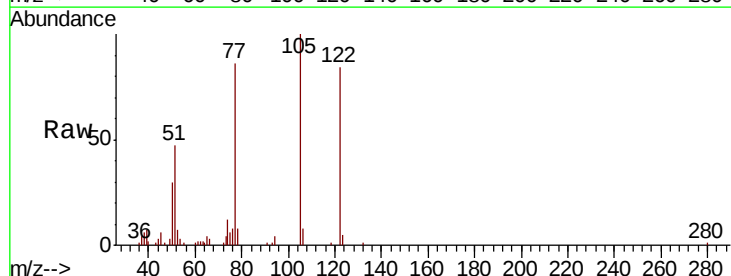
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	14.2	11.3	16.9



#32
Benzoic acid
Concen: 33.813 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.7	107.5	147.5
77	102.3	79.8	119.8

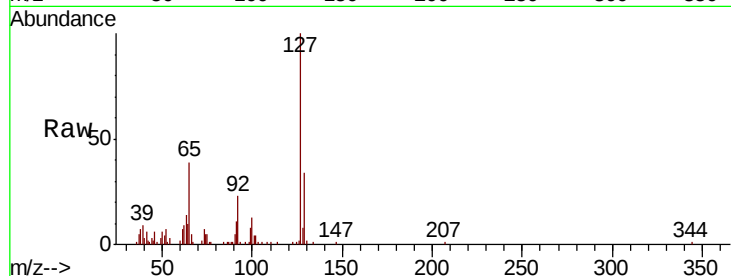




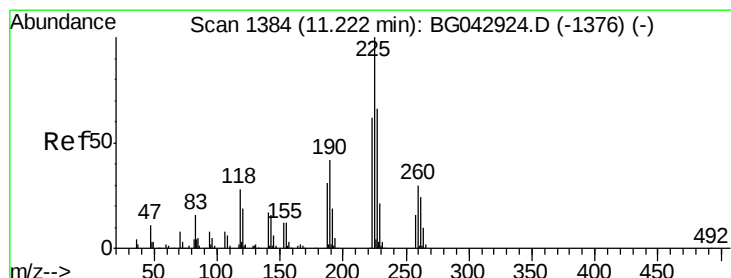
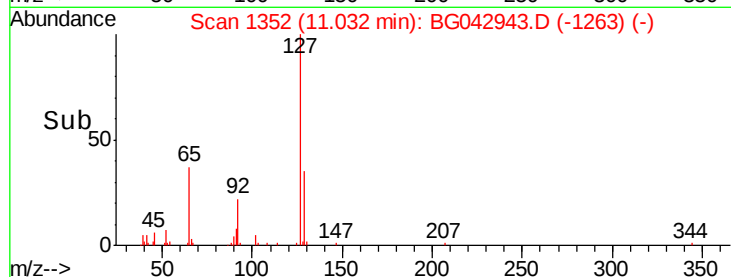
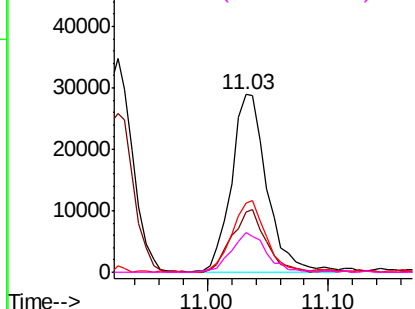
#33
4-Chloroaniline
Concen: 11.608 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	59370
Ion Ratio	Lower	Upper
127	100	
129	33.8	26.2 39.2
65	38.7	30.6 45.8
92	22.6	16.2 24.4

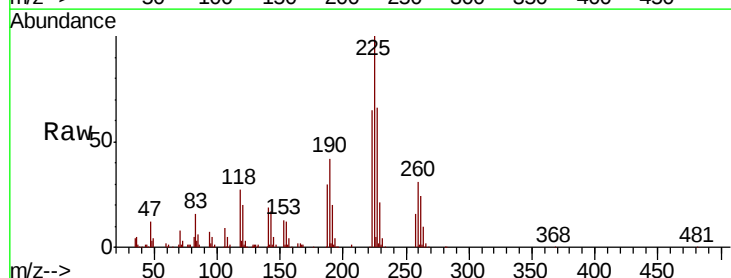


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

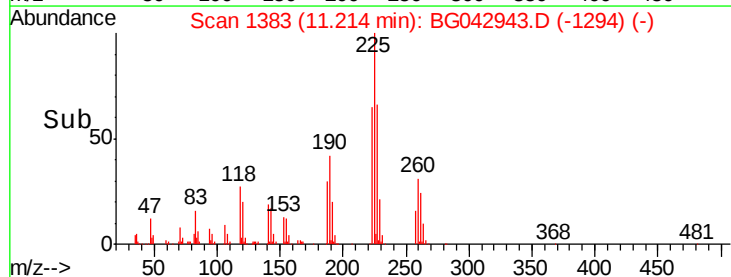
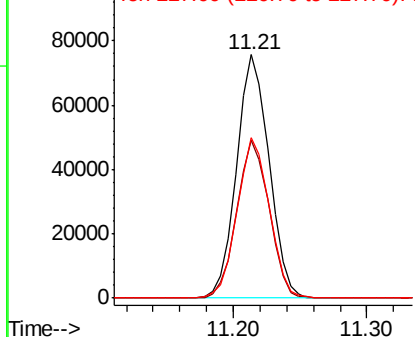


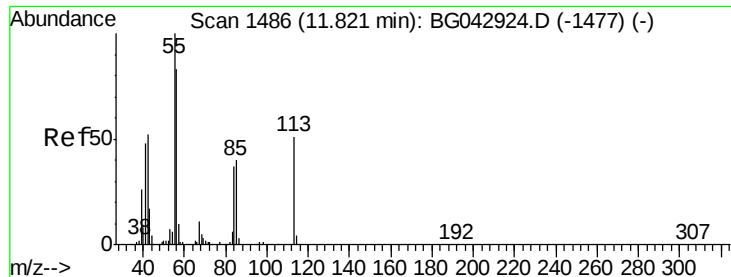
#34
Hexachlorobutadiene
Concen: 34.461 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion:225	Resp:	127310
Ion Ratio	Lower	Upper
225	100	
223	64.6	49.3 73.9
227	68.1	52.8 79.2



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

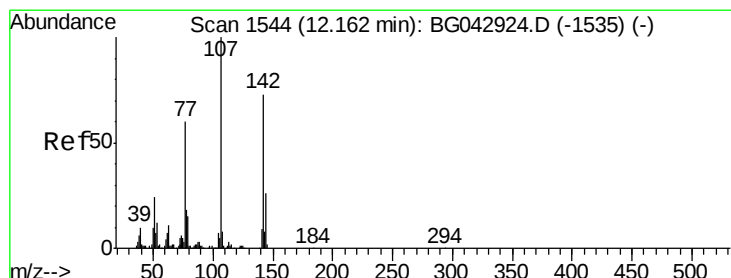
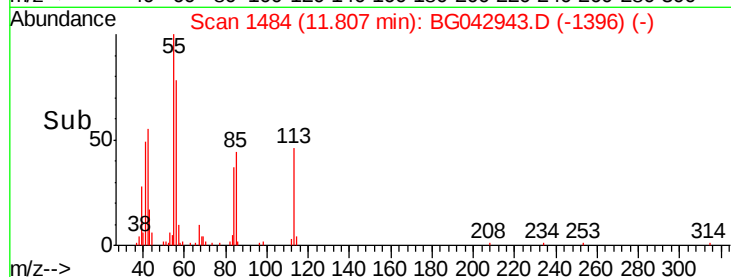
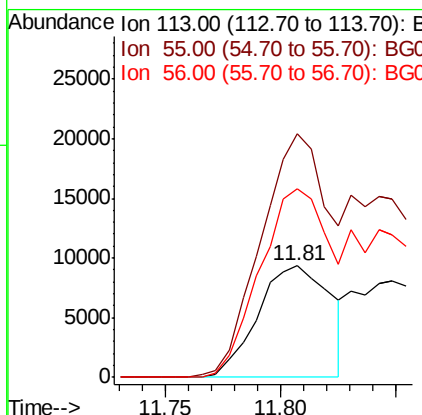
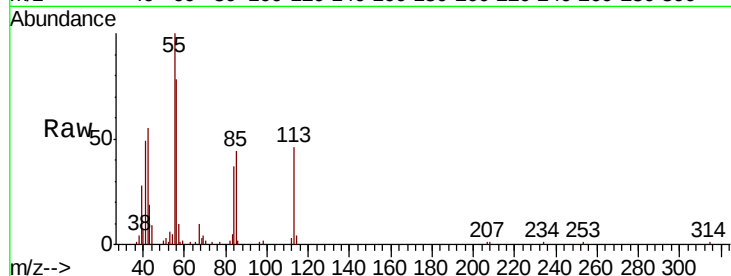




#35
 Caprolactam
 Concen: 15.137 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

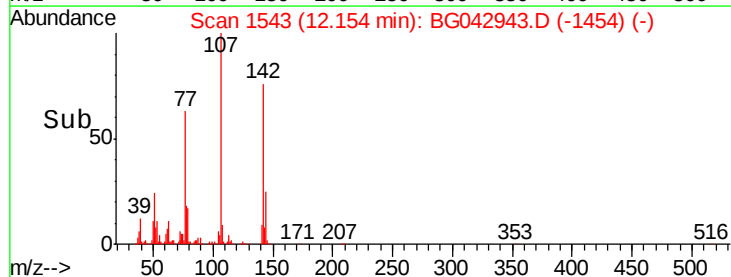
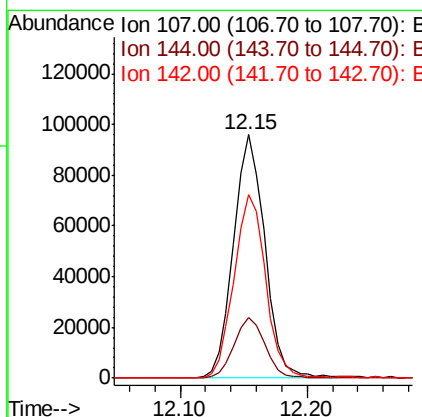
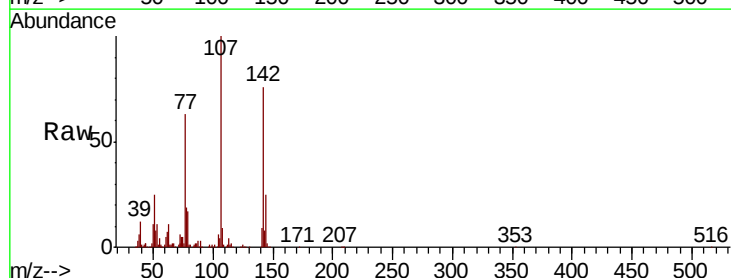
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 20395
 Ion Ratio Lower Upper
 113 100
 55 218.5 175.5 215.5#
 56 169.8 142.3 182.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.546 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion:107 Resp: 164278
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.7 31.1
 142 75.5 58.6 87.8

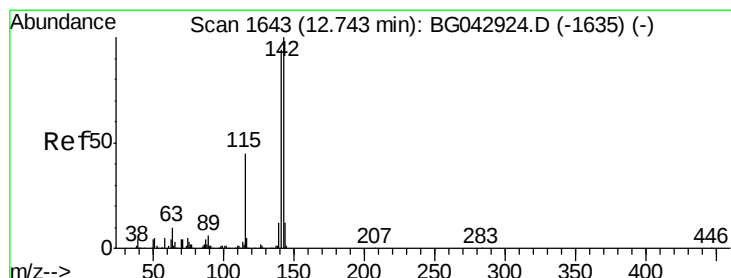
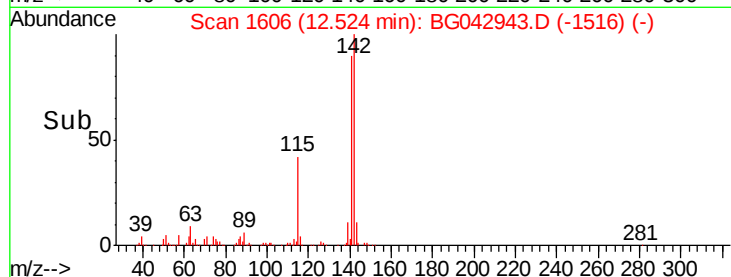
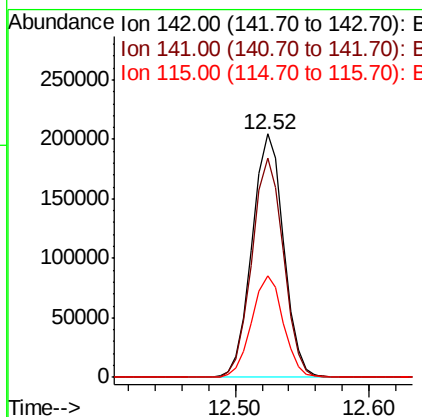
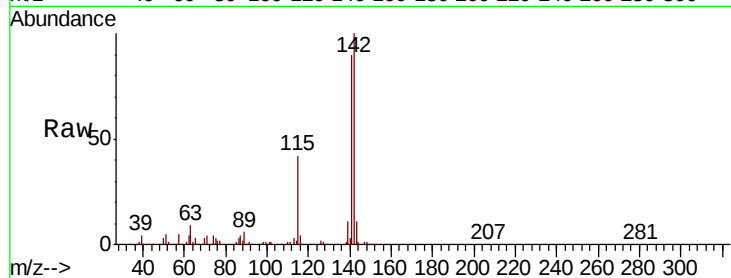




#37
 2-Methylnaphthalene
 Concen: 37.086 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

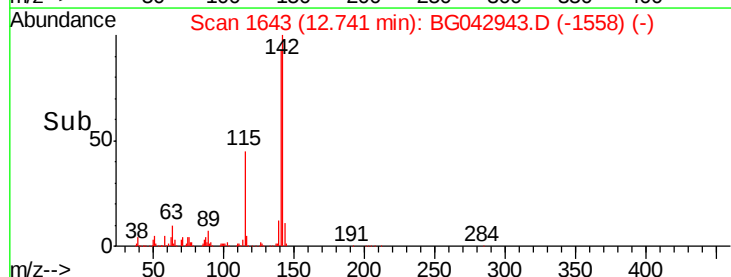
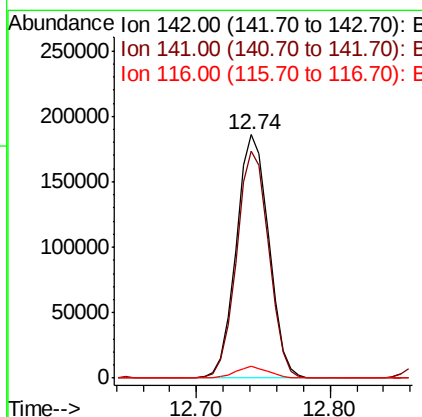
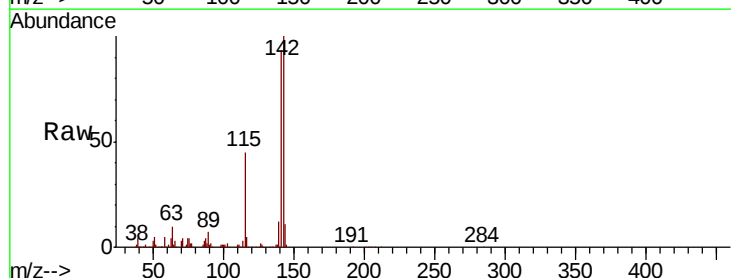
Instrument :
 BNA_G
 ClientSampleId :

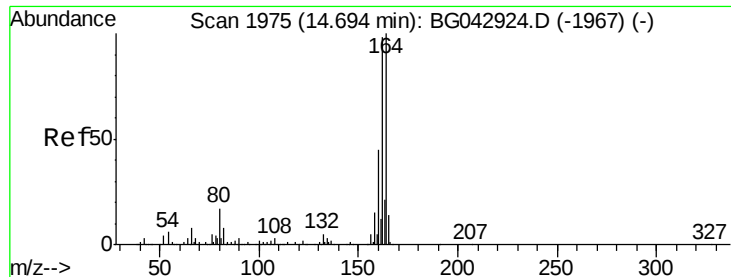
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	69.0	103.4
115	41.5	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 36.855 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.9	112.3
116	4.7	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

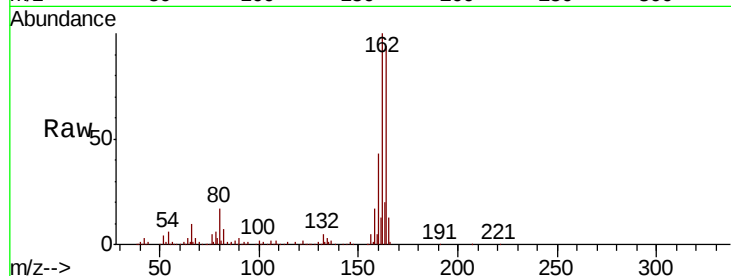
Tot Ion:164 Resp: 177114

Ion Ratio Lower Upper

164 100

162 106.7 78.5 117.7

160 46.2 35.9 53.9

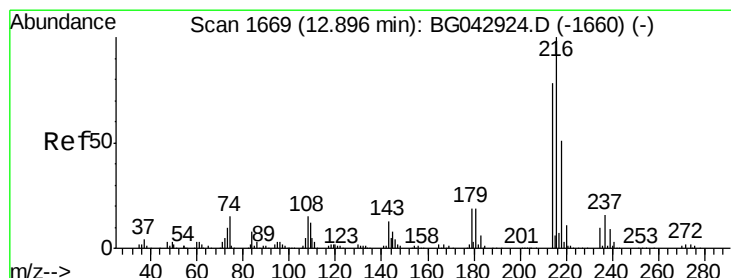
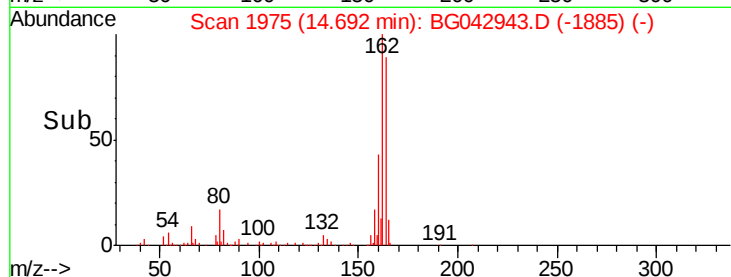
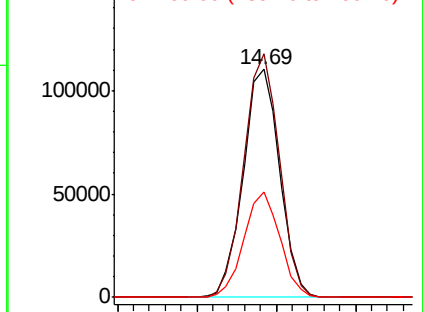


Abundance

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: 33.340 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion:216 Resp: 222020

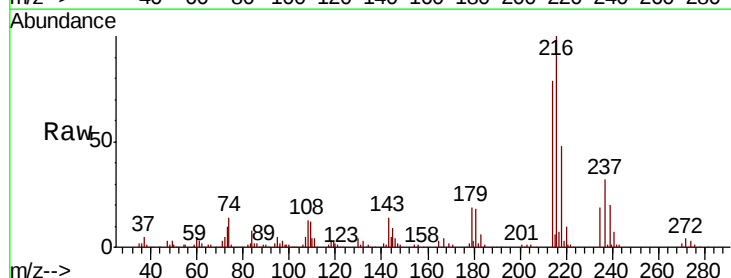
Ion Ratio Lower Upper

216 100

214 79.9 62.4 93.6

179 19.8 15.4 23.2

108 18.5 12.6 19.0



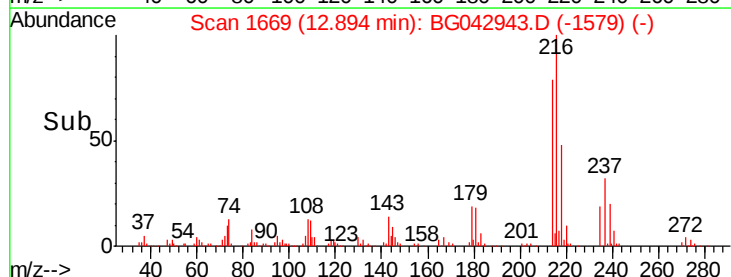
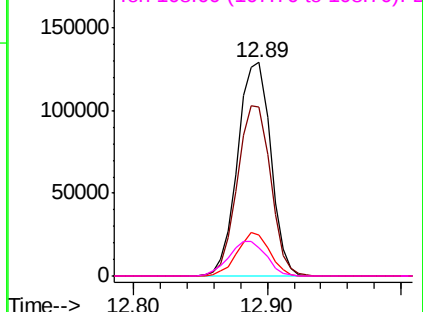
Abundance

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: 81.857 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampled :

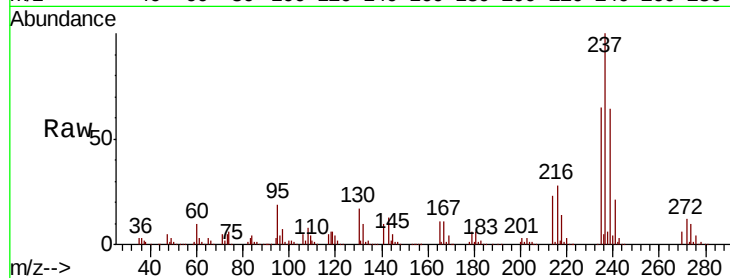
Tot Ion:237 Resp: 347321

Ion Ratio Lower Upper

237 100

235 64.9 46.7 86.7

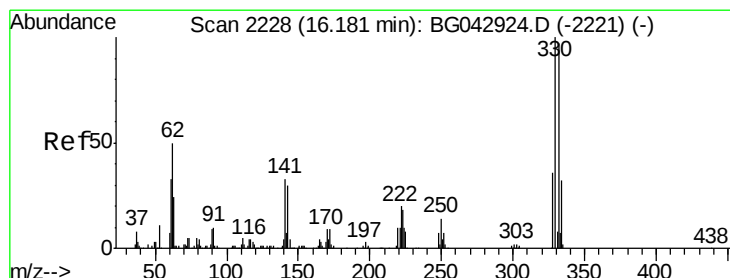
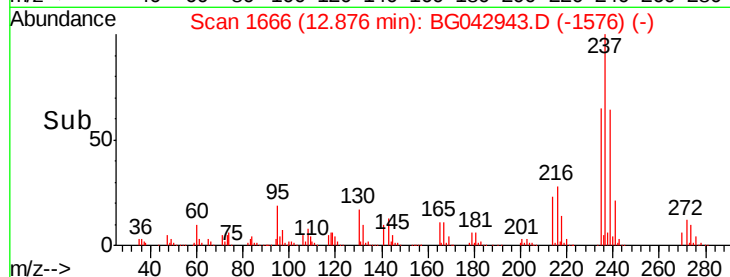
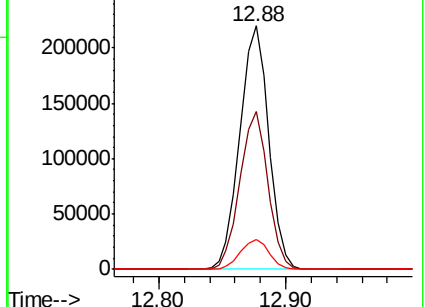
272 12.2 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 98.699 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

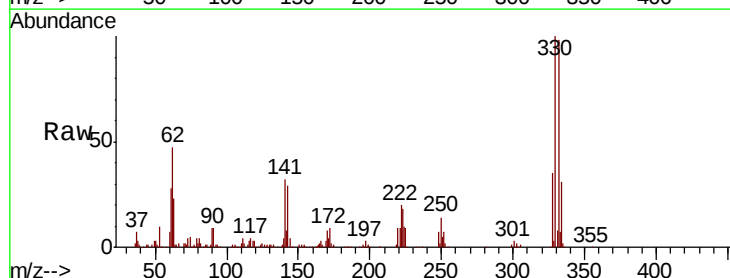
Tgt Ion:330 Resp: 300595

Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.2

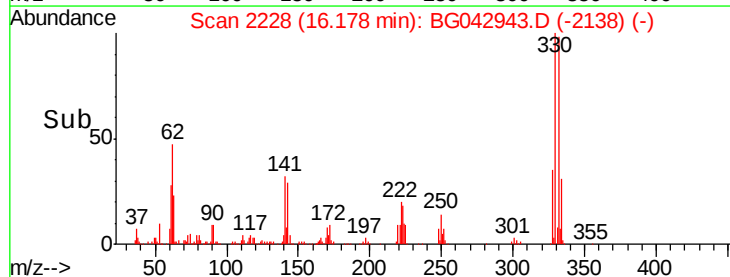
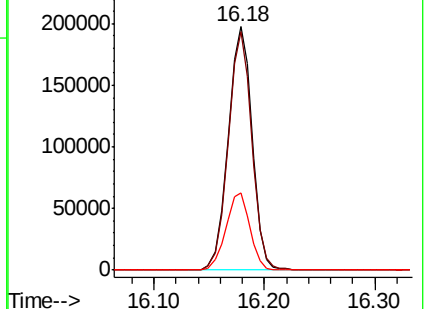
141 31.7 26.0 39.0

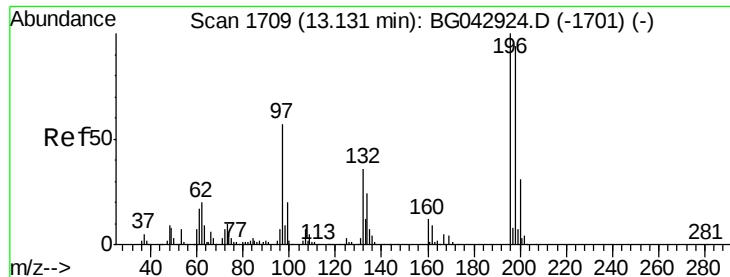


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

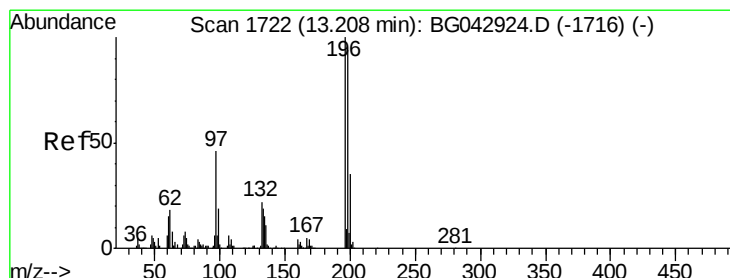
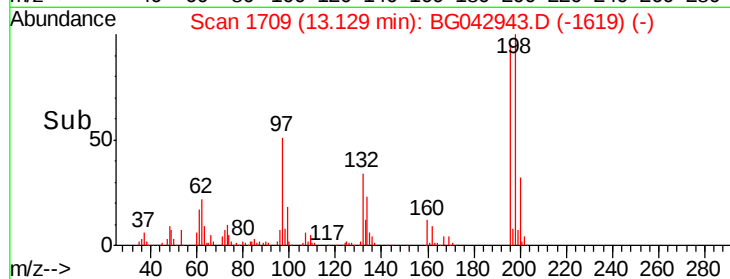
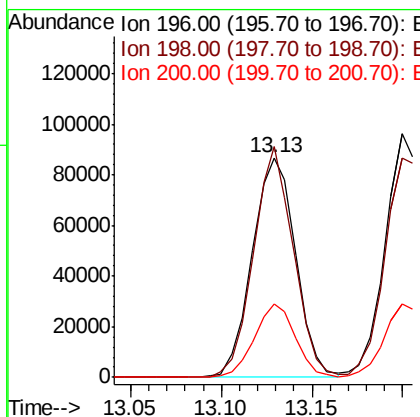
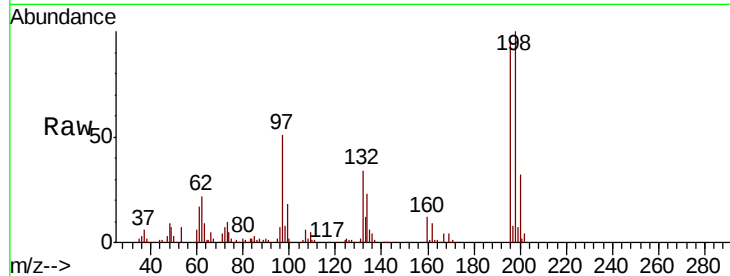




#43
 2,4,6-Trichlorophenol
 Concen: 36.775 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

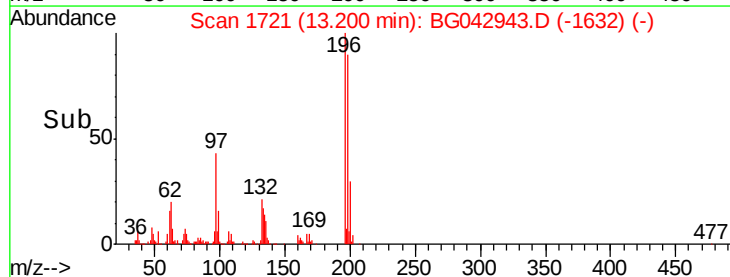
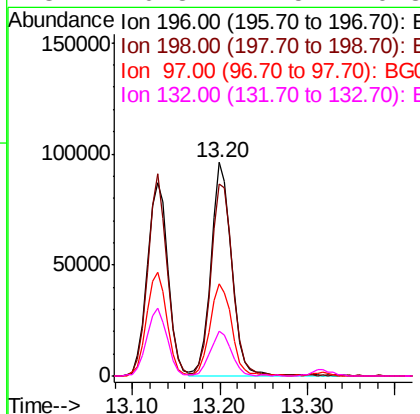
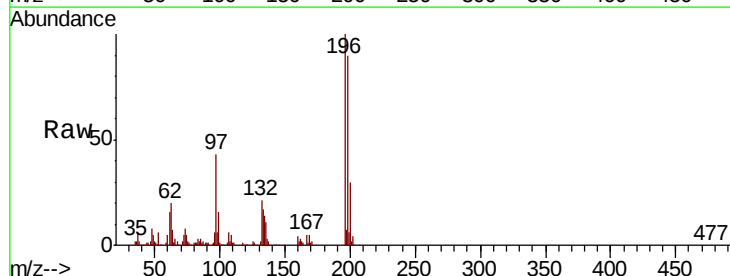
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	143338
Ion Ratio	Lower	Upper	
196	100		
198	104.8	75.5	113.3
200	33.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.553 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion	196	Resp	158815
Ion Ratio	Lower	Upper	
196	100		
198	90.0	75.1	112.7
97	43.2	37.0	55.4
132	20.8	17.5	26.3

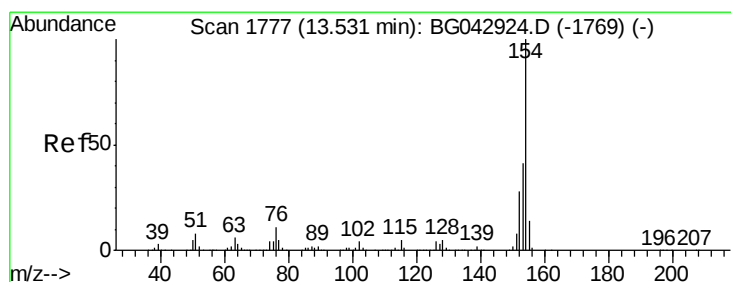
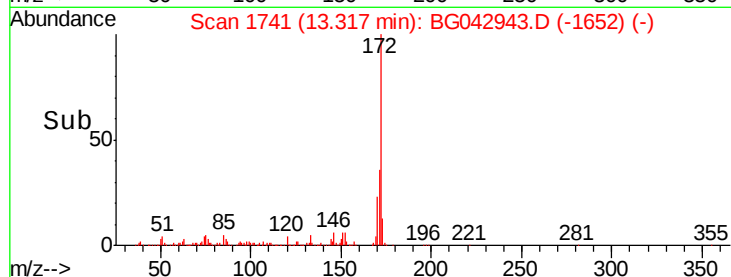
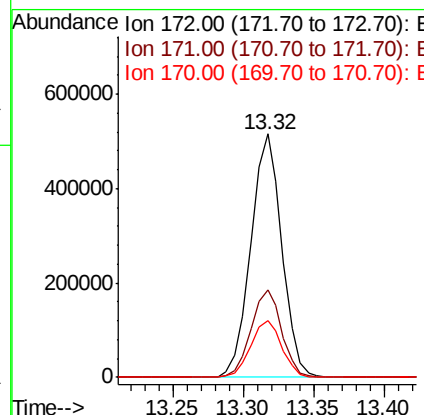
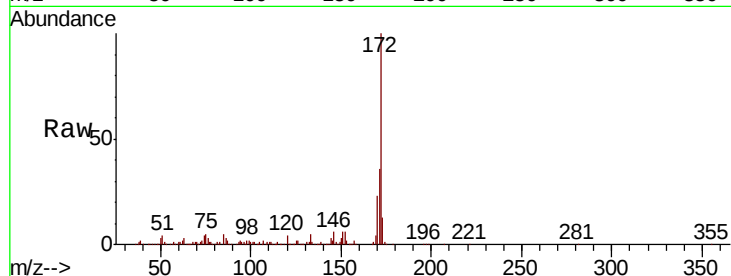




#45
2-Fluorobiphenyl
Concen: 64.754 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

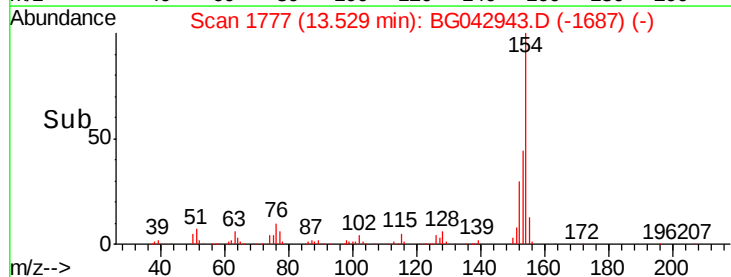
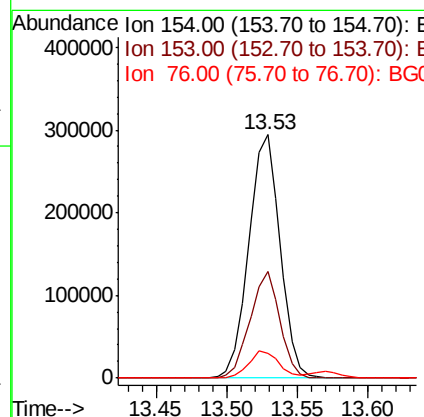
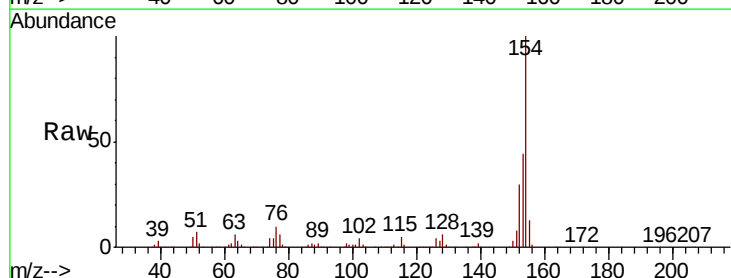
Instrument :
BNA_G
ClientSampleId :

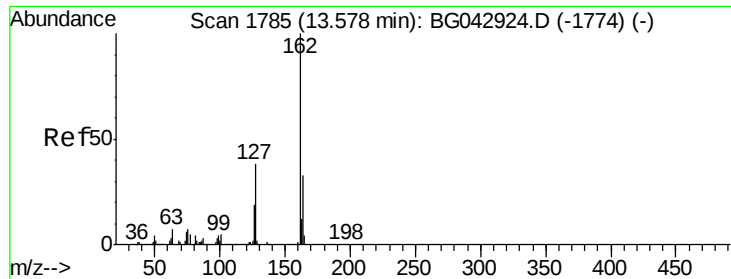
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.3	19.6	29.4



#46
1,1'-Biphenyl
Concen: 34.050 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	21.4	61.4
76	10.0	0.0	31.3





#47

2-Chloronaphthalene

Concen: 35.161 ng

RT: 13.57 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

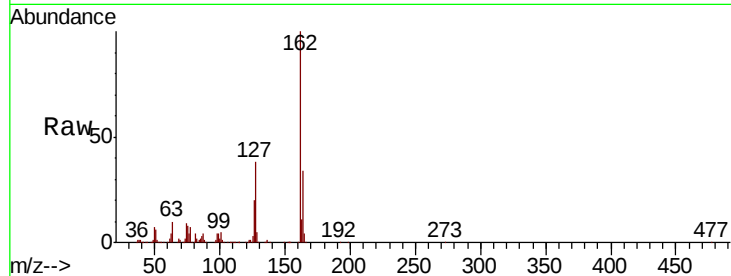
Tot Ion:162 Resp: 354071

Ion Ratio Lower Upper

162 100

127 38.1 31.0 46.6

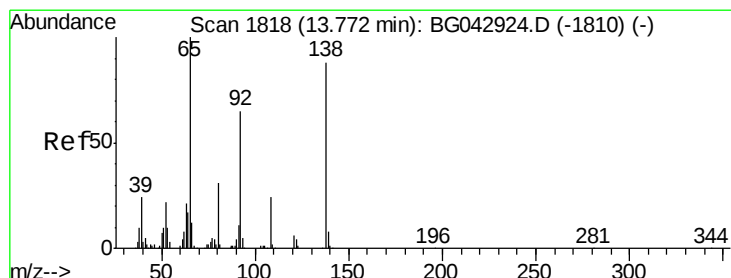
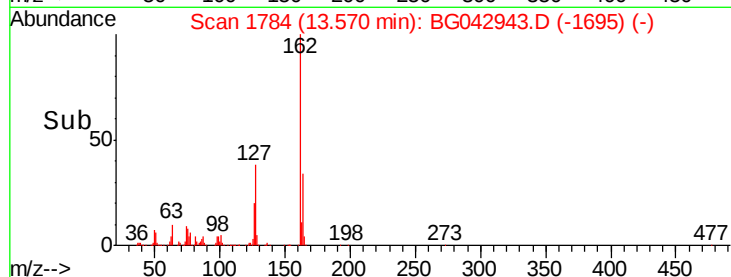
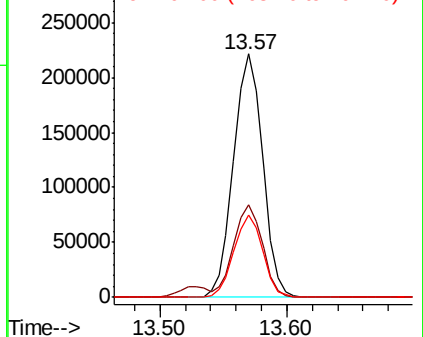
164 33.6 26.2 39.2



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: 34.666 ng

RT: 13.77 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

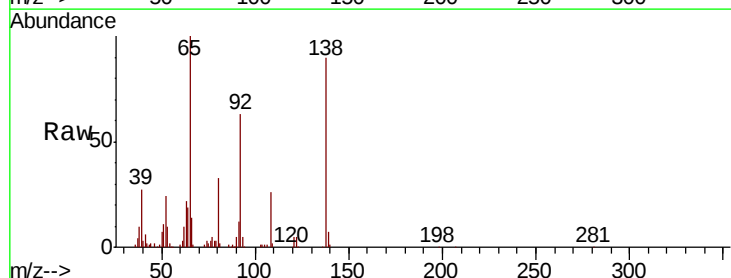
Tgt Ion: 65 Resp: 116090

Ion Ratio Lower Upper

65 100

92 63.3 52.0 78.0

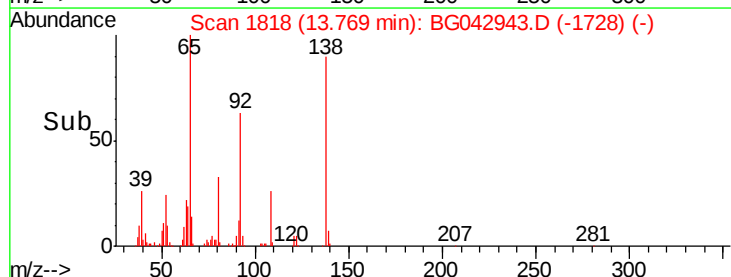
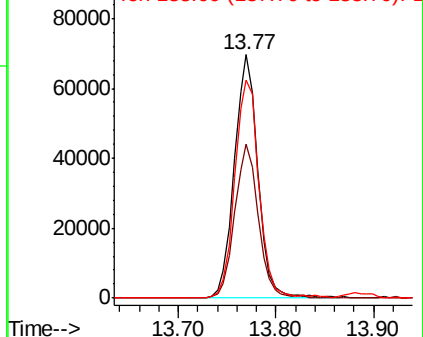
138 89.7 70.4 105.6

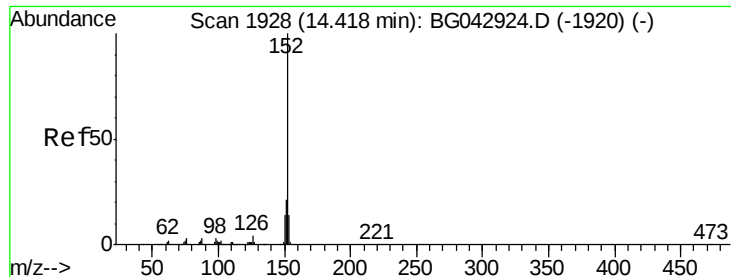


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.492 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

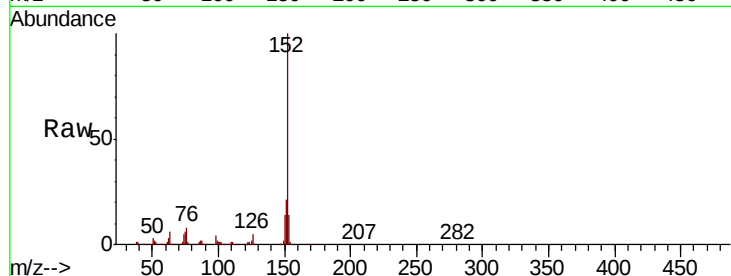
Tot Ion:152 Resp: 577708

Ion Ratio Lower Upper

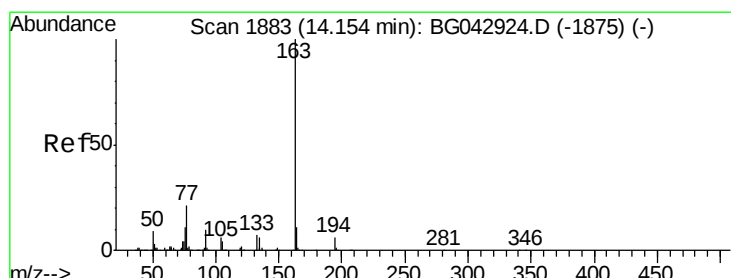
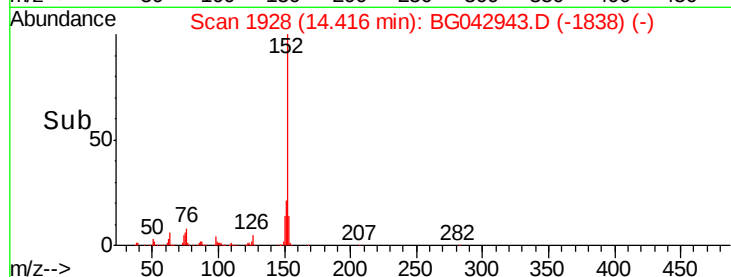
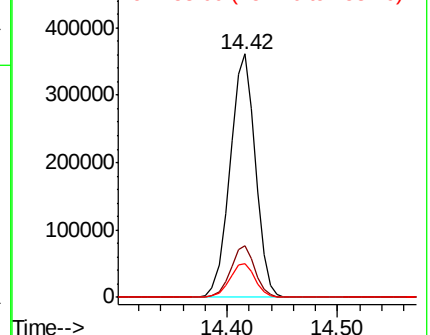
152 100

151 21.0 16.8 25.2

153 13.7 11.3 16.9



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: 42.512 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

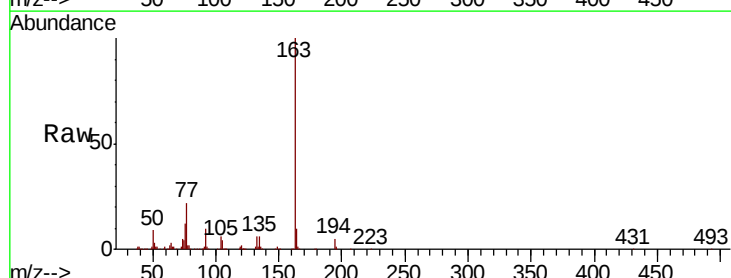
Tgt Ion:163 Resp: 564157

Ion Ratio Lower Upper

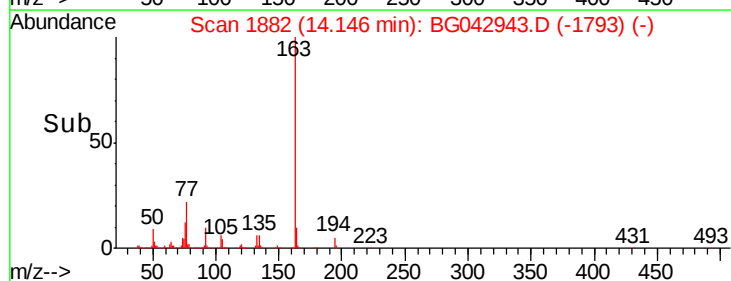
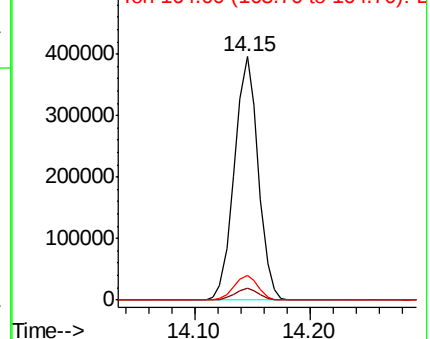
163 100

194 5.1 4.4 6.6

164 10.3 8.6 12.8



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

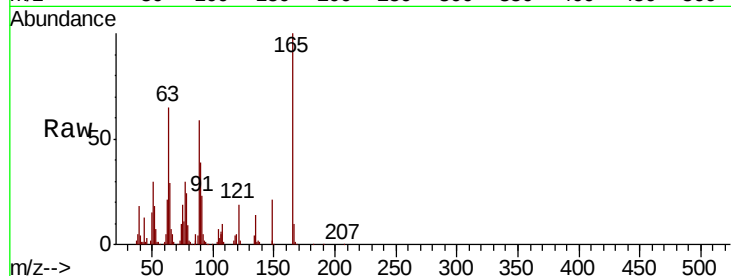




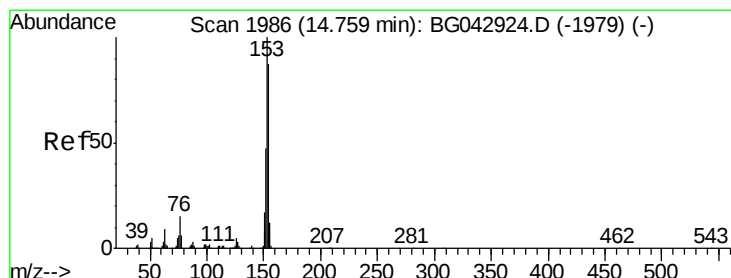
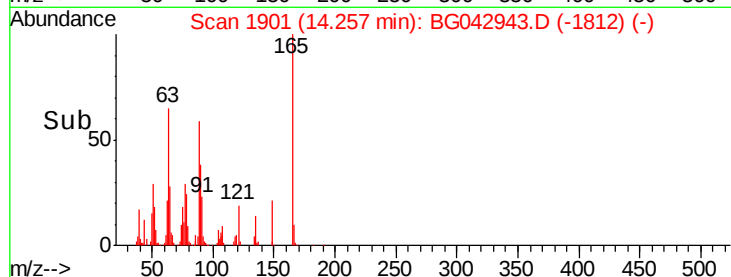
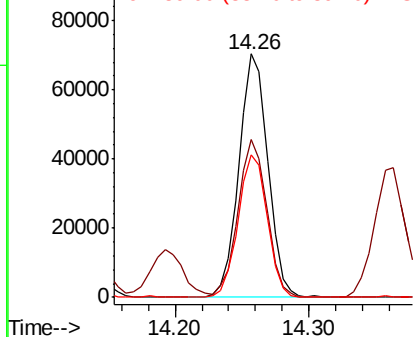
#51
 2,6-Dinitrotoluene
 Concen: 37.228 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 105207
 Ion Ratio Lower Upper
 165 100
 63 64.9 50.3 75.5
 89 58.8 48.9 73.3

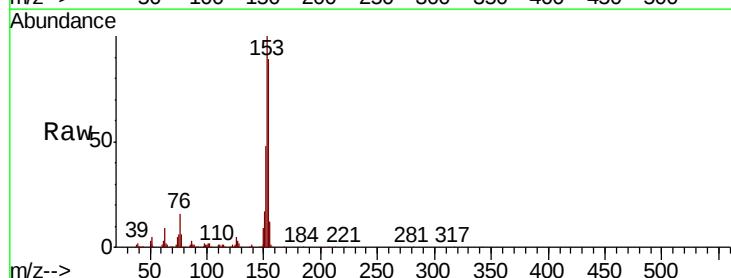


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

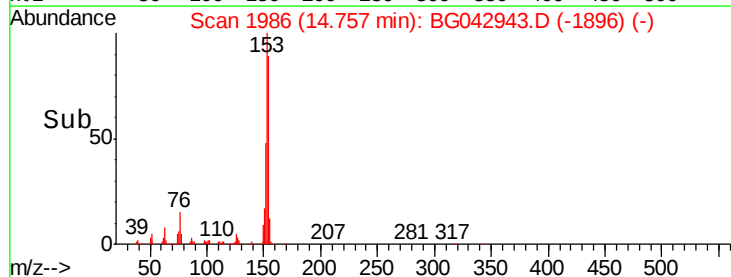
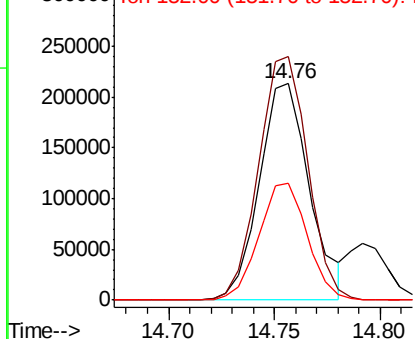


#52
 Acenaphthene
 Concen: 34.200 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion:154 Resp: 352733
 Ion Ratio Lower Upper
 154 100
 153 112.5 91.4 137.0
 152 54.2 42.8 64.2



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





#53

3-Nitroaniline

Concen: 15.332 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

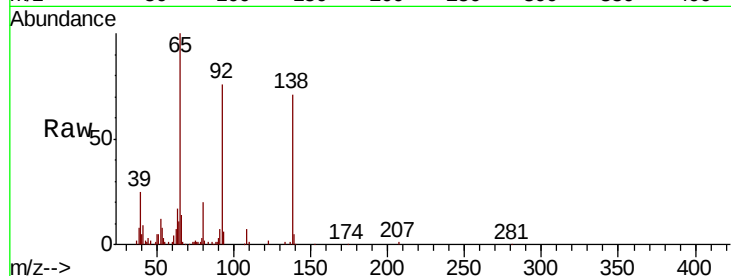
Tot Ion:138 Resp: 44779

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

92 108.0 97.0 145.6

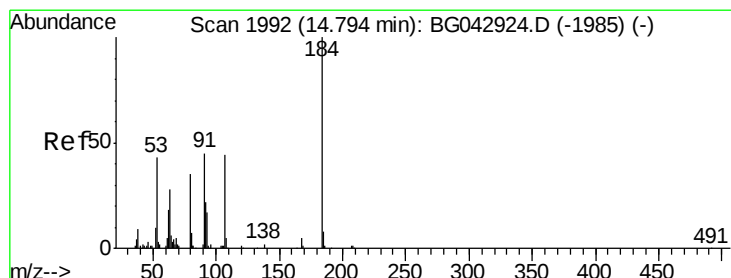
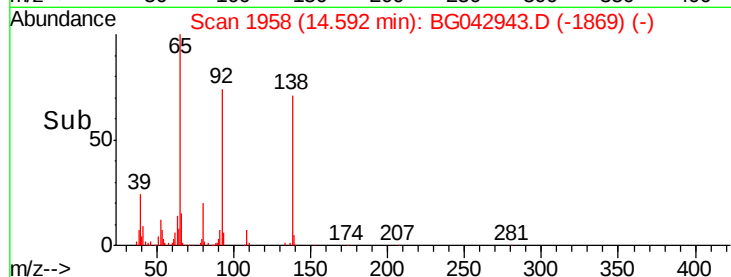
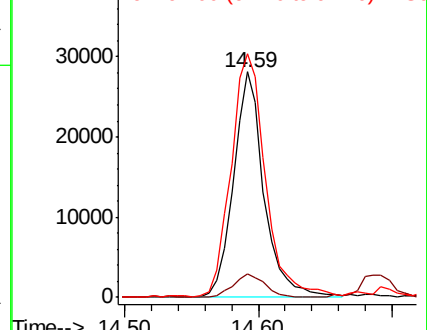


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 76.851 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

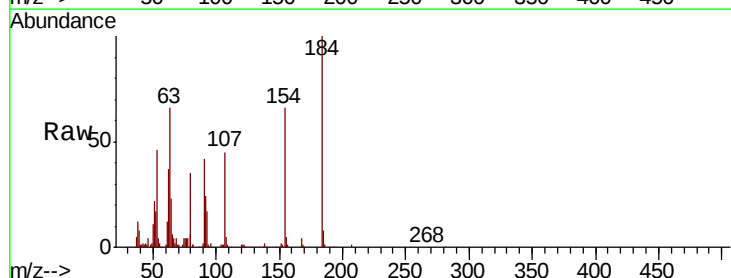
Tgt Ion:184 Resp: 134998

Ion Ratio Lower Upper

184 100

63 65.6 55.0 82.6

154 65.7 56.5 84.7

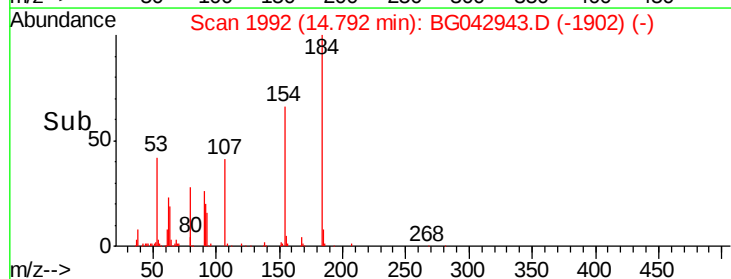
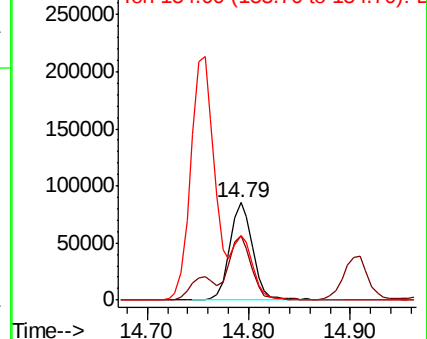


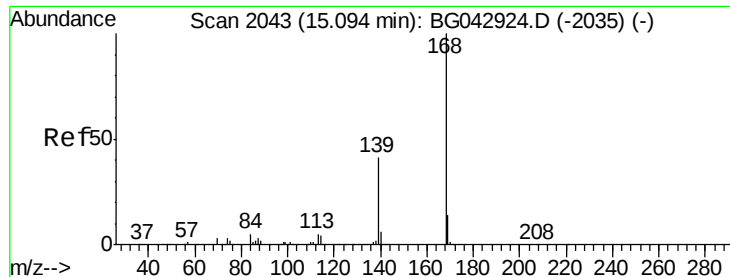
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

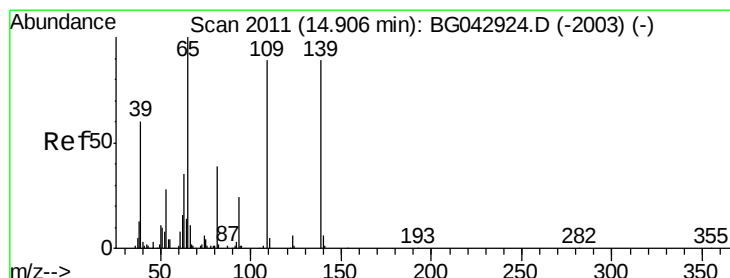
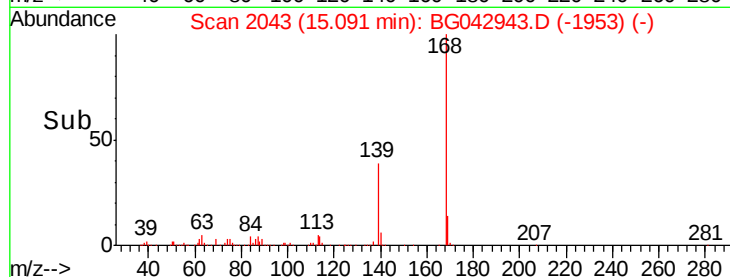
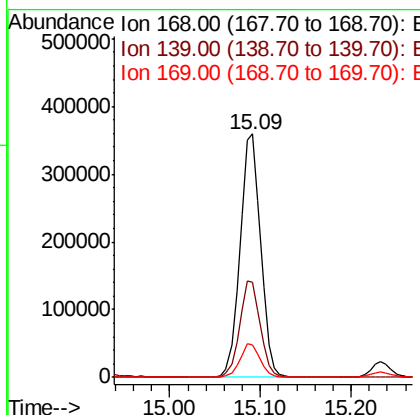
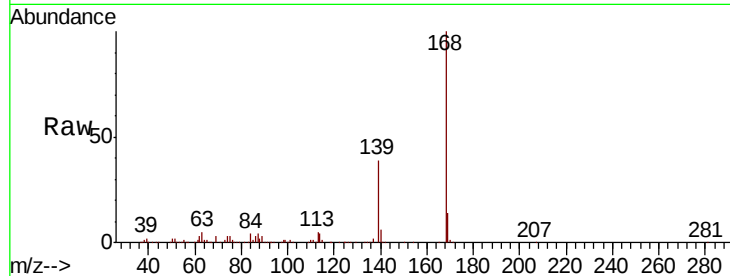




#55
Dibenzenofuran
Concen: 37.195 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

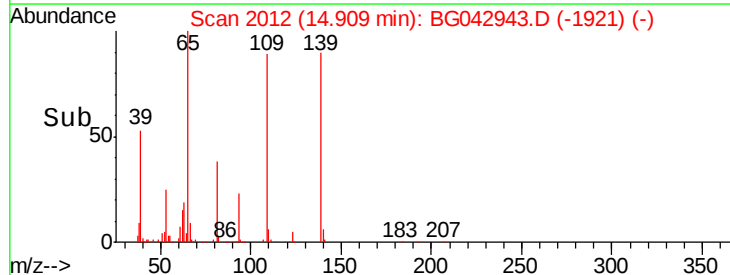
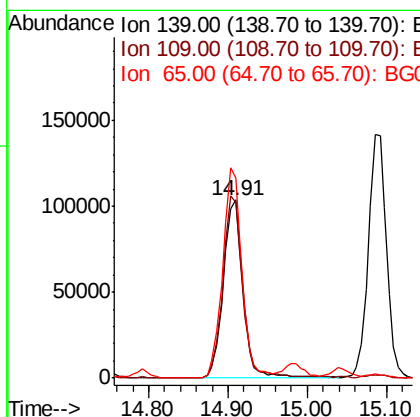
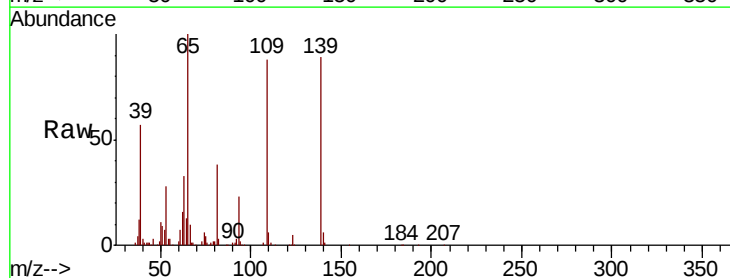
Instrument :
BNA_G
ClientSampleId :

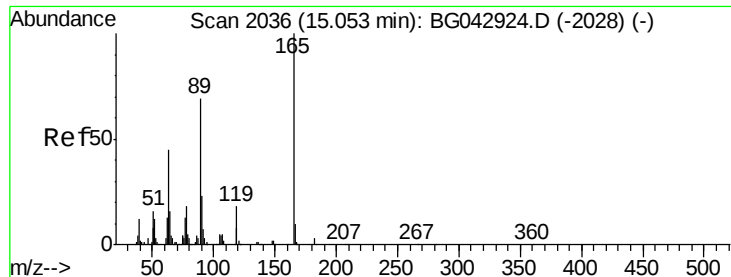
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	32.6	48.8
169	13.6	11.2	16.8



#56
4-Nitrophenol
Concen: 80.611 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.0	79.4	119.4
65	112.5	92.5	132.5

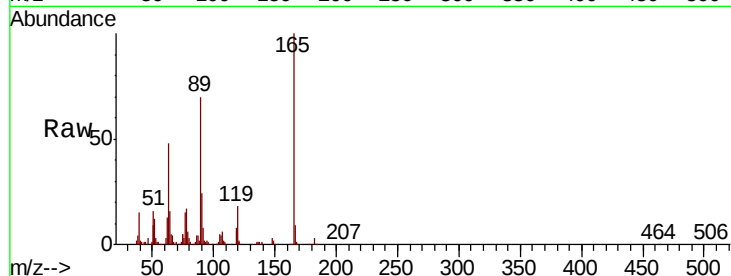




#57
2,4-Dinitrotoluene
Concen: 36.768 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.4	36.5	54.7
89	70.4	55.5	83.3
182	2.7	2.4	3.6

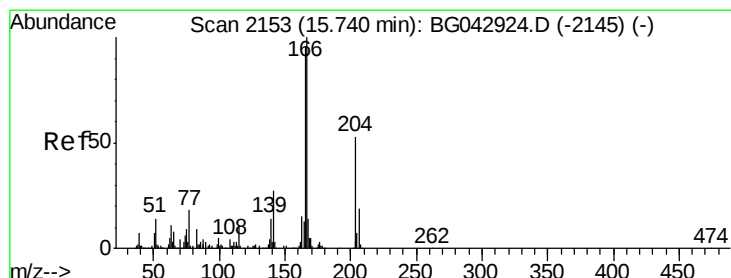
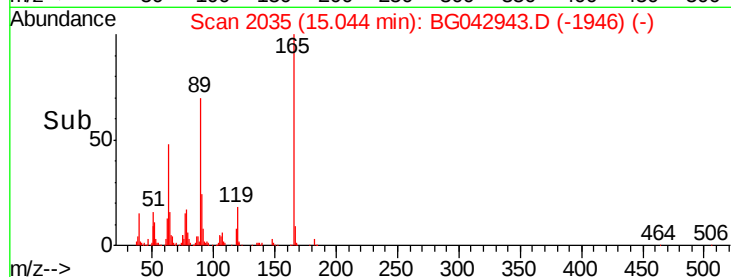
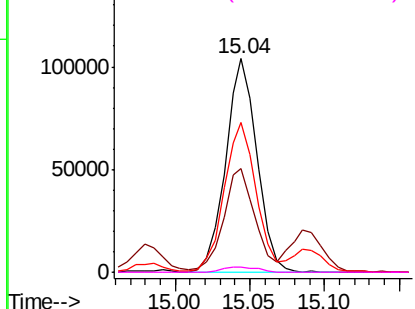


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

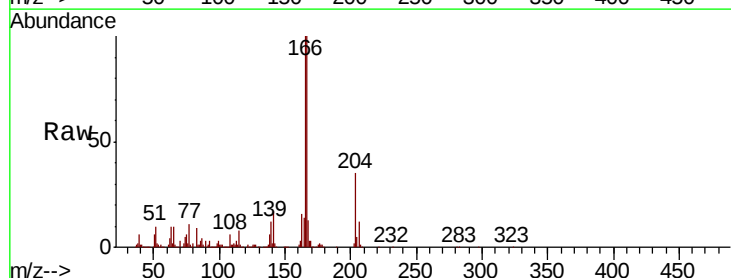
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.832 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

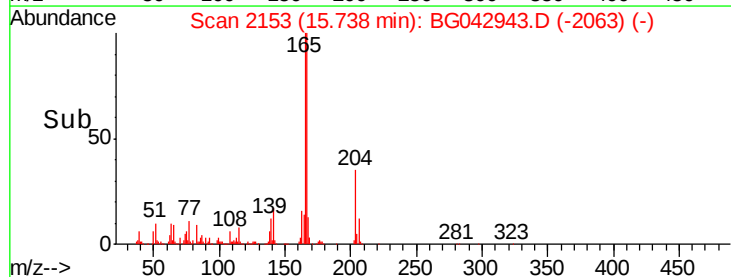
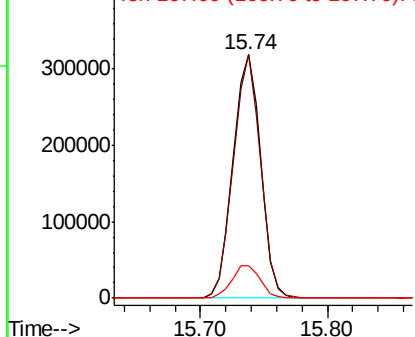
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.1	115.7
167	13.1	11.0	16.6

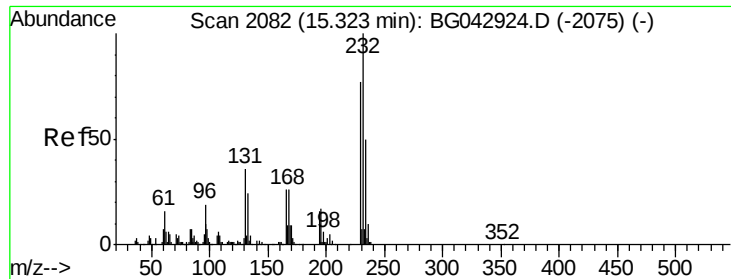


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.889 ng

RT: 15.31 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

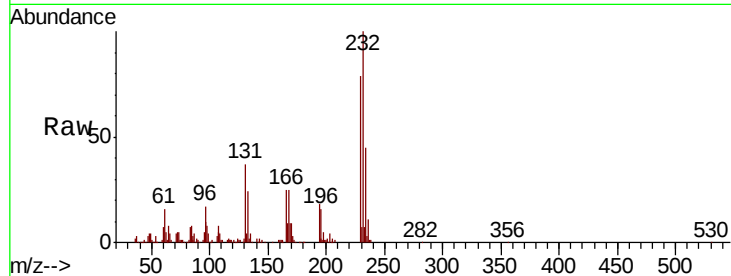
Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 157711

Ion	Ratio	Lower	Upper
232	100		
131	37.5	29.6	44.4
130	2.2	1.9	2.9
166	27.0	21.8	32.8

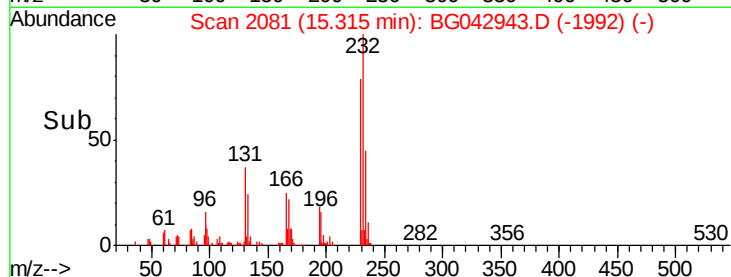


Abundance Ion 232.00 (231.70 to 232.70): E

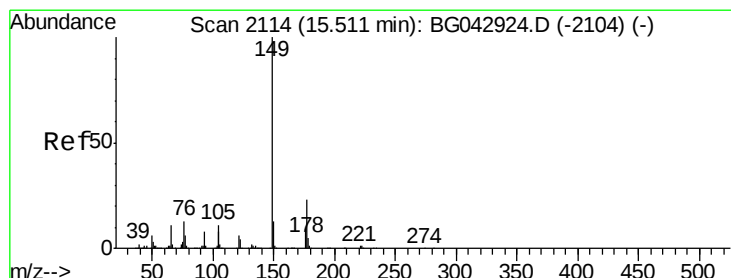
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 35.037 ng

RT: 15.51 min Scan# 2114

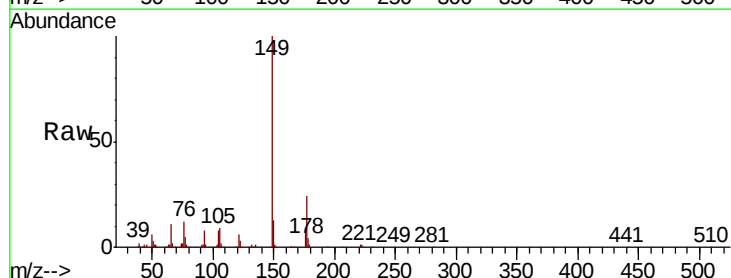
Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion:149 Resp: 473184

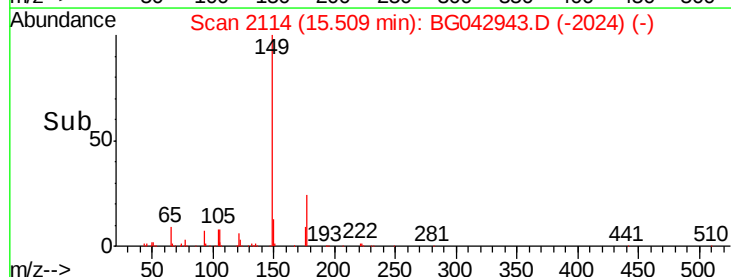
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.8	28.2
150	12.6	10.6	15.8



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



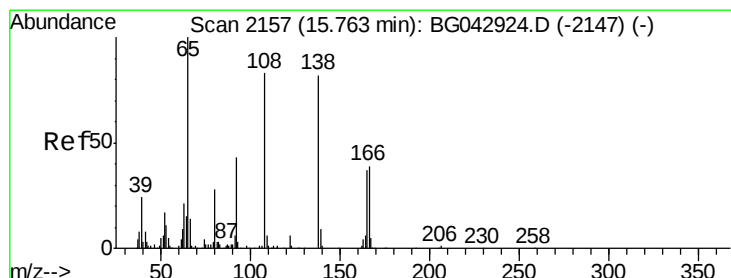
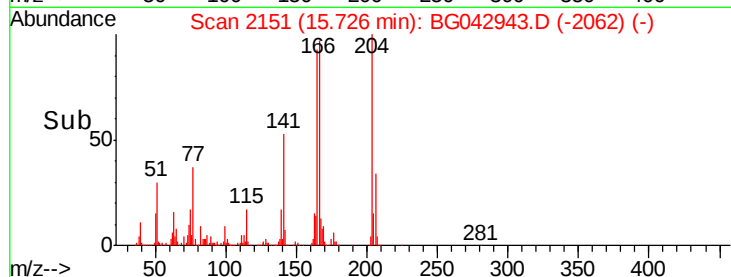
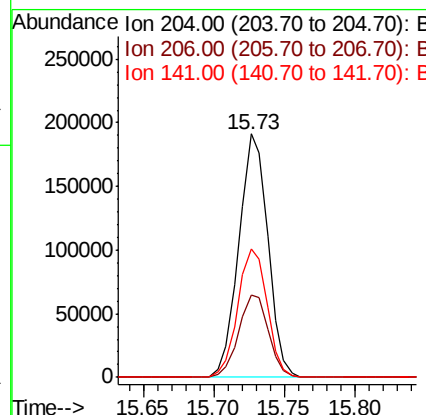
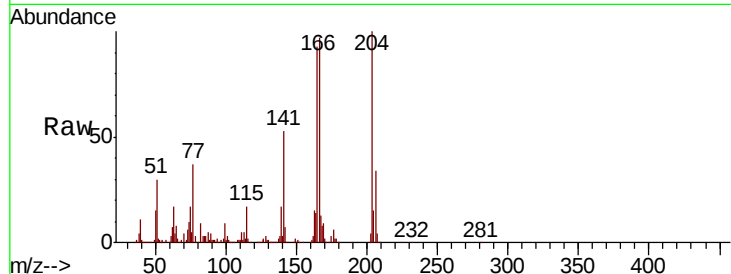
Time-->



#61
 4-Chlorophenyl-phenylether
 Concen: 35.115 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

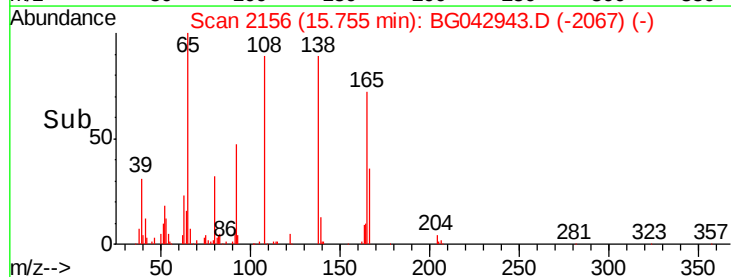
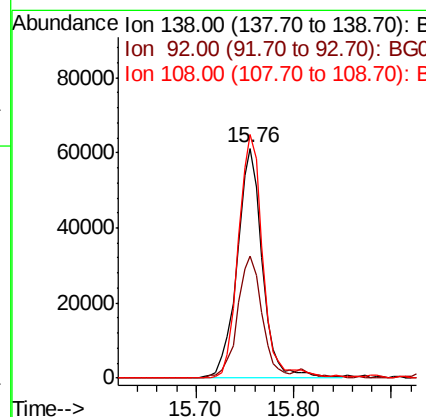
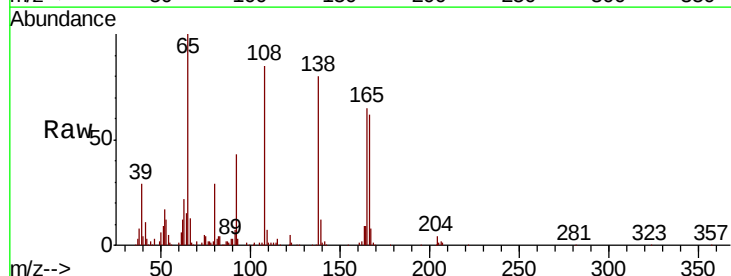
Instrument :
 BNA_G
 ClientSampleId :

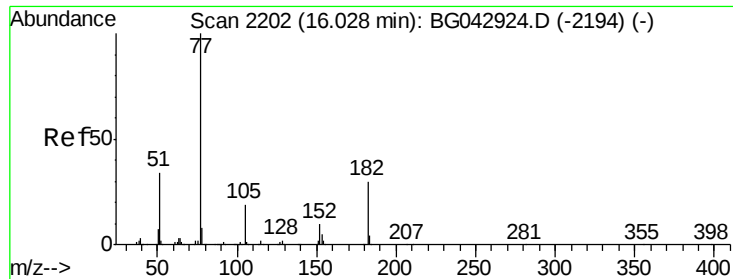
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	28.5	42.7
141	52.8	42.4	63.6



#62
 4-Nitroaniline
 Concen: 34.584 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.9	32.9	72.9
108	106.0	81.3	121.3

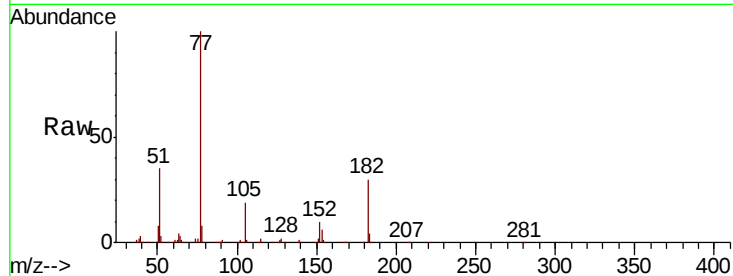




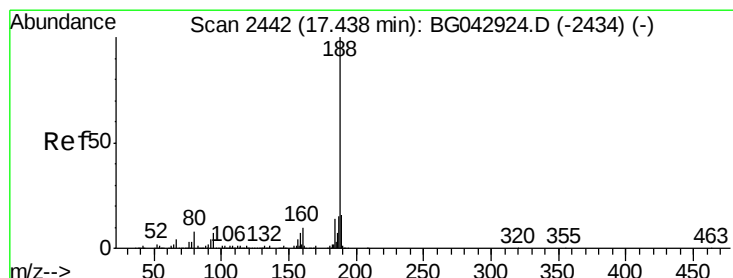
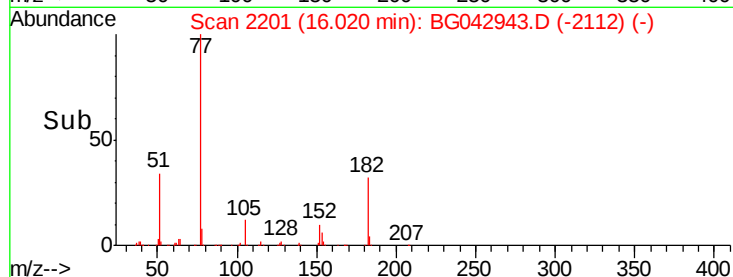
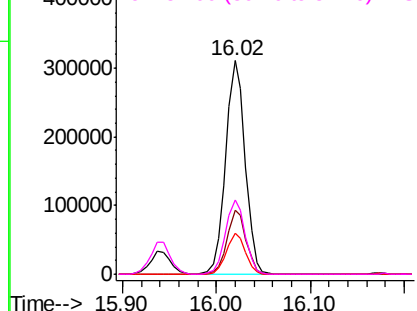
#63
Azobenzene
Concen: 36.435 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	447996
Ion	Ratio	Lower	Upper
77	100		
182	30.2	10.2	50.2
105	19.1	0.0	39.1
51	35.0	13.9	53.9

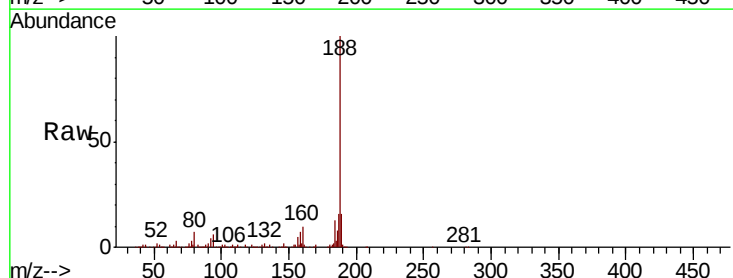


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

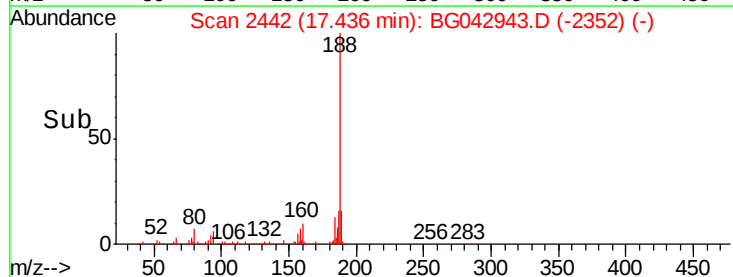
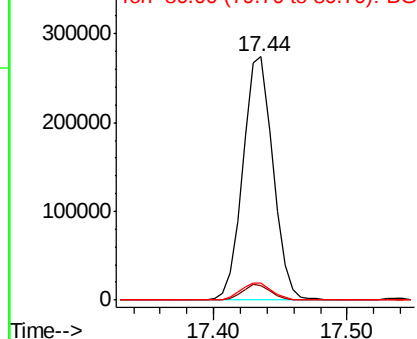


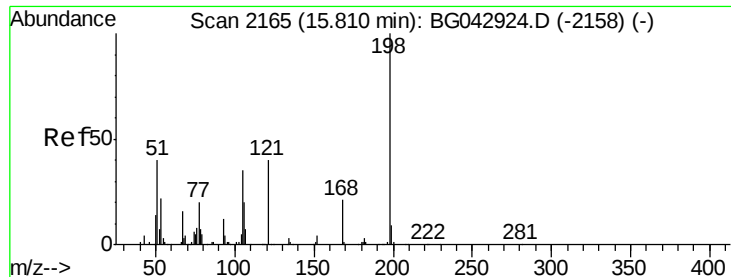
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion:	188	Resp:	425366
Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	7.0	6.5	9.7



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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.688 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampled :

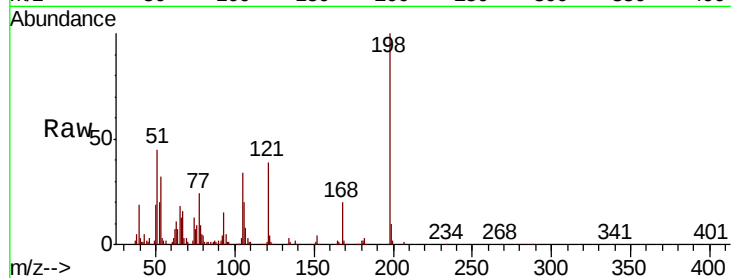
Tot Ion:198 Resp: 95528

Ion Ratio Lower Upper

198 100

51 45.2 25.3 65.3

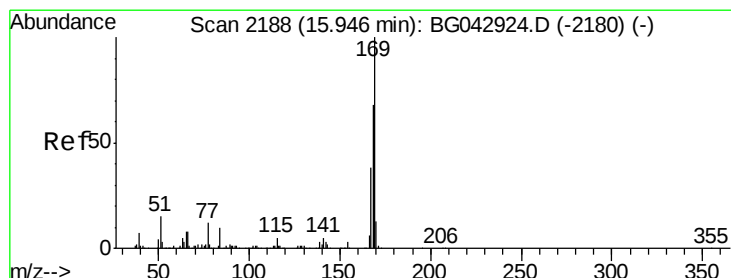
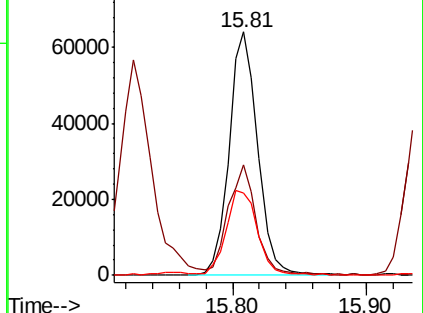
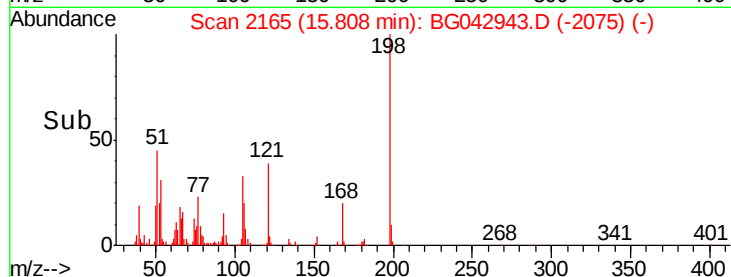
105 34.0 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG042943.D (-2075) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.522 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

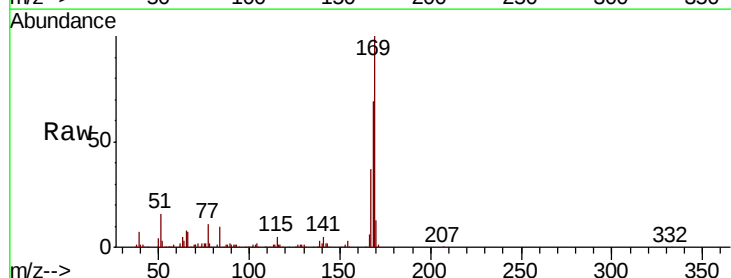
Tgt Ion:169 Resp: 421337

Ion Ratio Lower Upper

169 100

168 69.3 54.8 82.2

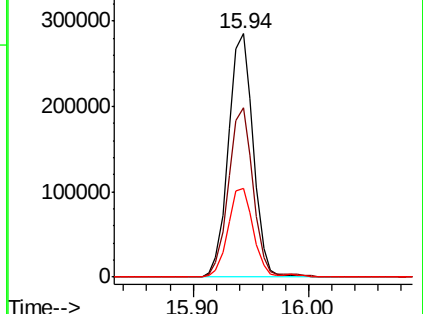
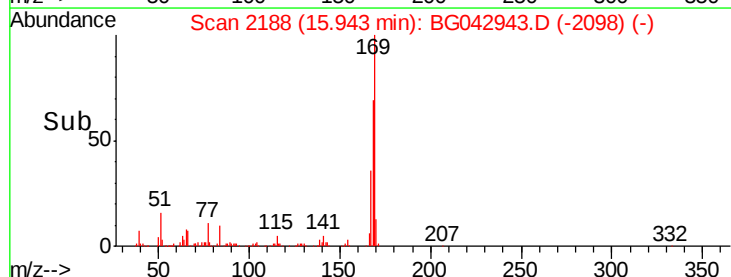
167 36.5 30.6 46.0

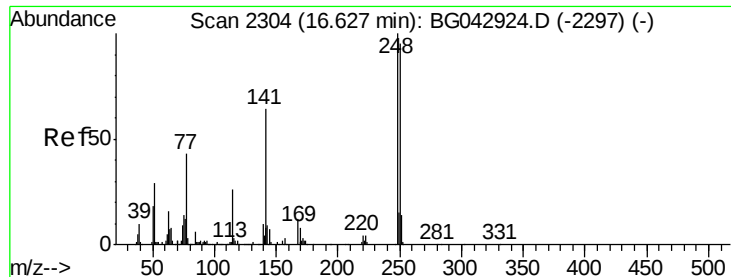


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

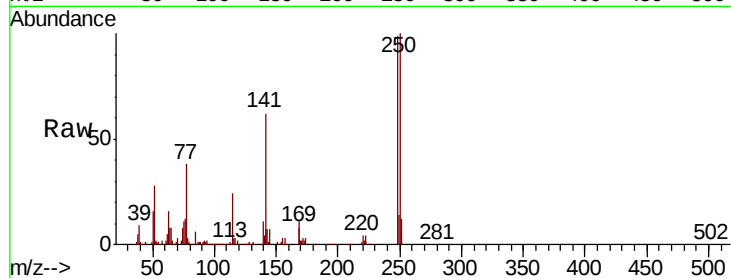




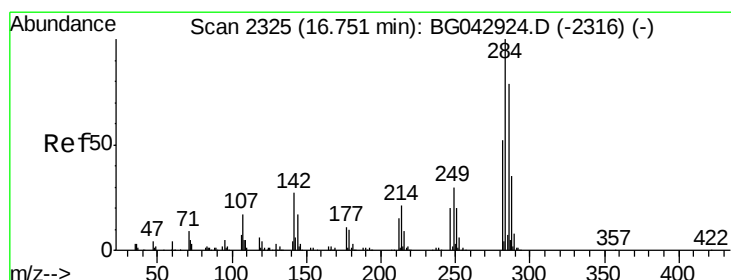
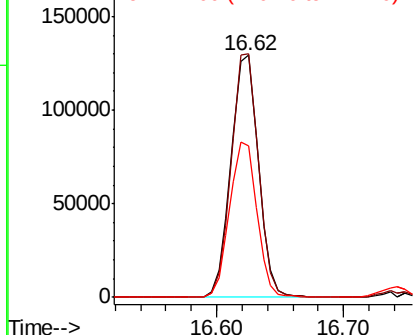
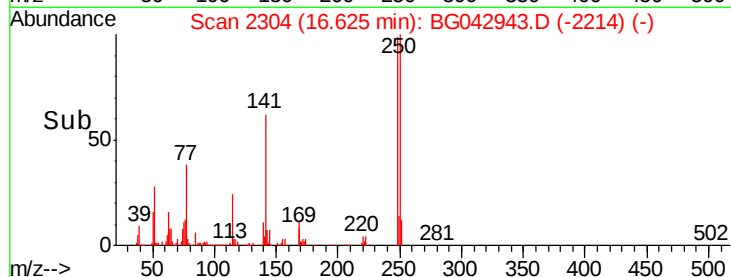
#67
4-Bromophenyl-phenylether
Concen: 36.294 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 193763
Ion Ratio Lower Upper
248 100
250 100.6 75.8 113.8
141 62.9 51.1 76.7

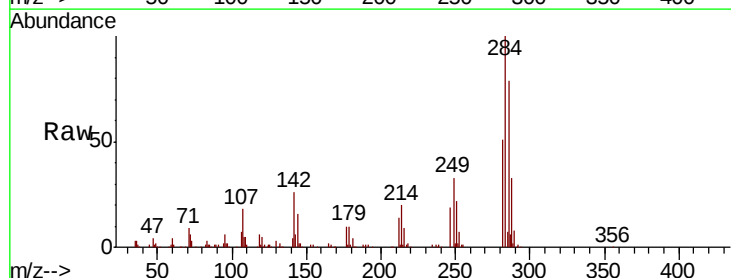


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

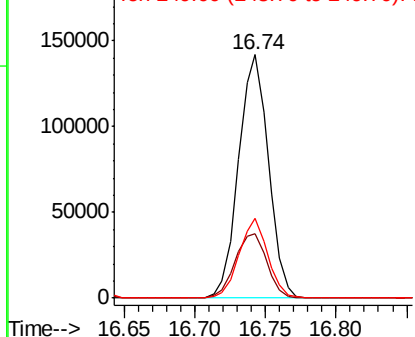
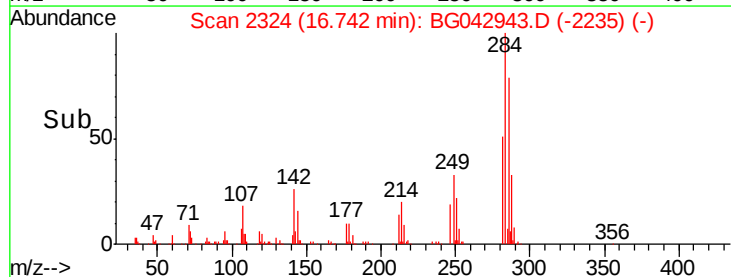


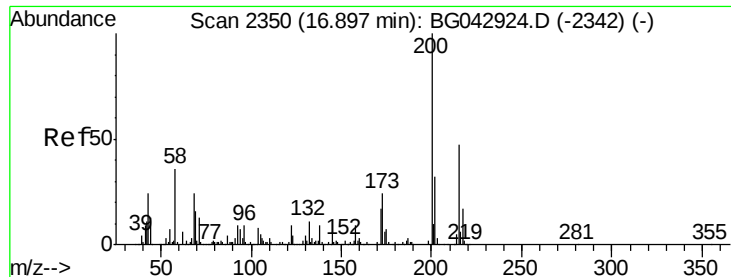
#68
Hexachlorobenzene
Concen: 35.360 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion:284 Resp: 210190
Ion Ratio Lower Upper
284 100
142 26.4 21.6 32.4
249 32.6 24.1 36.1



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: 34.816 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

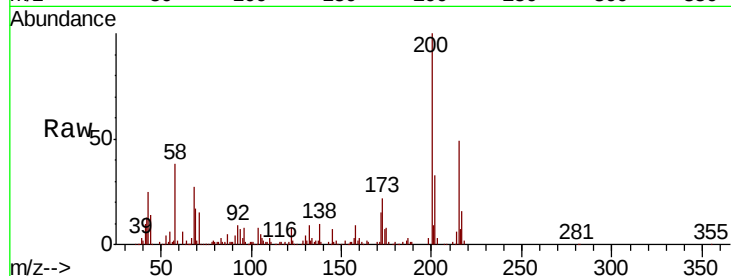
Tot Ion:200 Resp: 164627

Ion Ratio Lower Upper

200 100

173 22.5 4.0 44.0

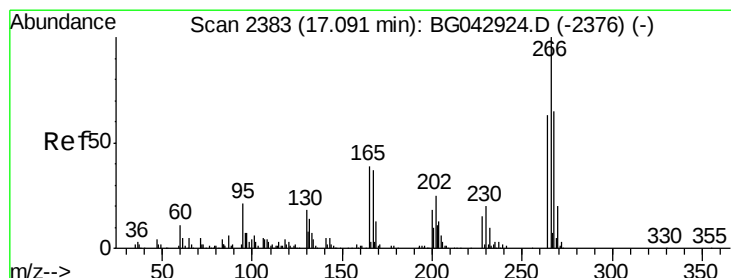
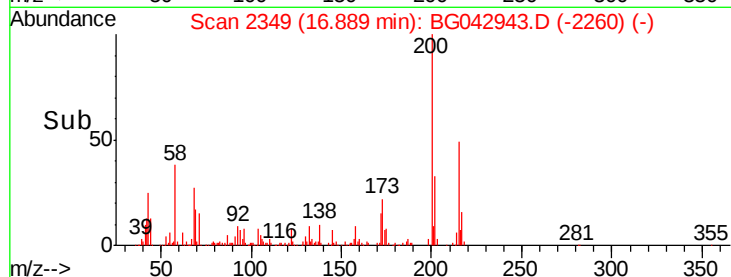
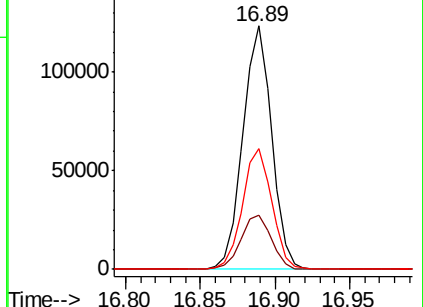
215 49.4 27.4 67.4



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: 79.805 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

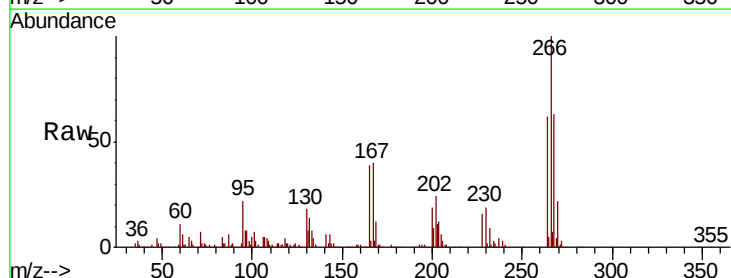
Tgt Ion:266 Resp: 273732

Ion Ratio Lower Upper

266 100

268 63.5 52.2 78.2

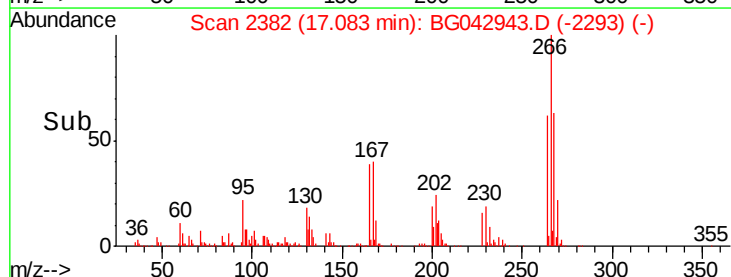
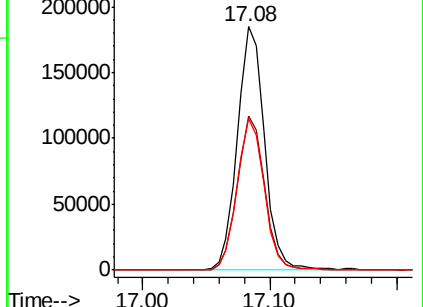
264 62.2 50.7 76.1



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

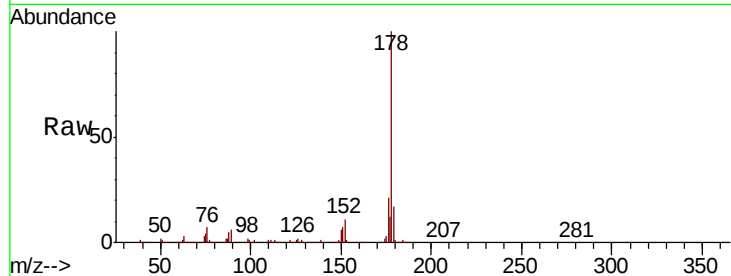




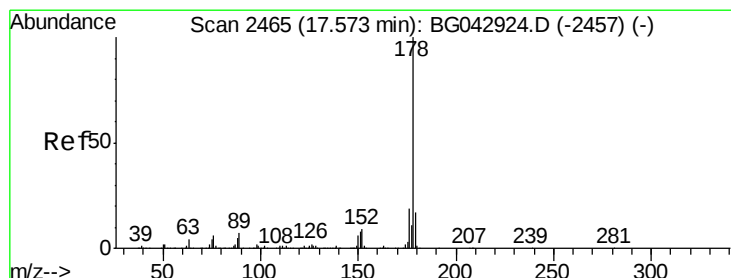
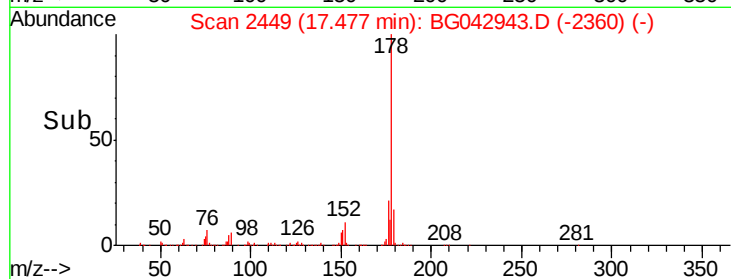
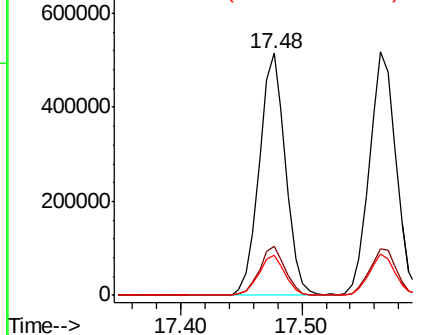
#71
Phenanthrene
Concen: 37.155 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.1	22.7
179	16.8	14.1	21.1

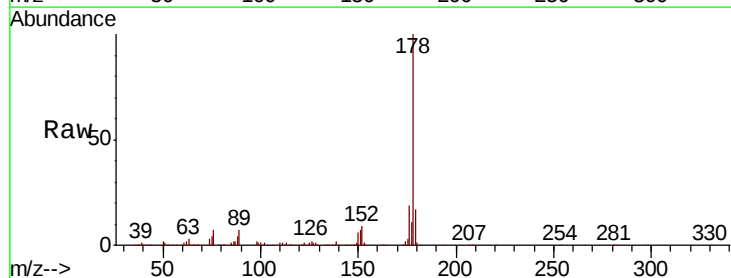


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

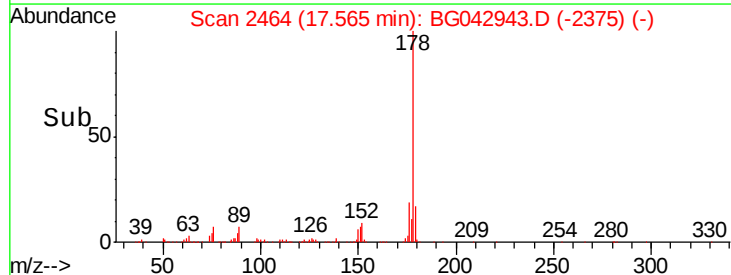
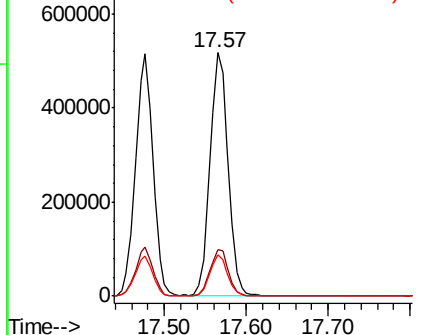


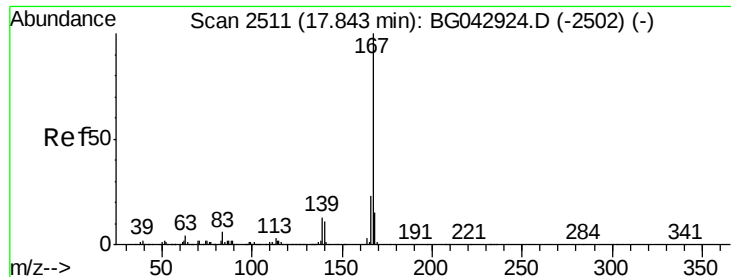
#72
Anthracene
Concen: 38.437 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	16.8	13.5	20.3



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: 38.115 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

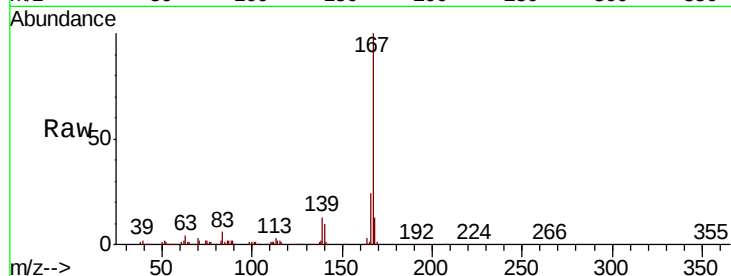
Tot Ion:167 Resp: 732753

Ion Ratio Lower Upper

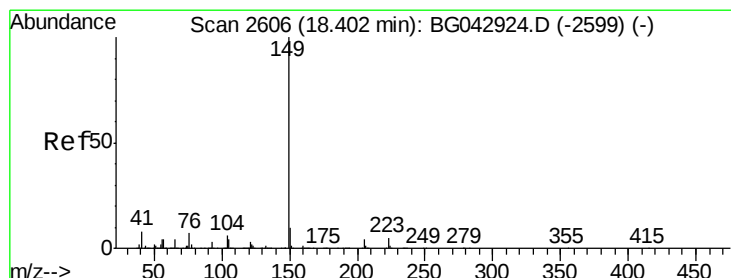
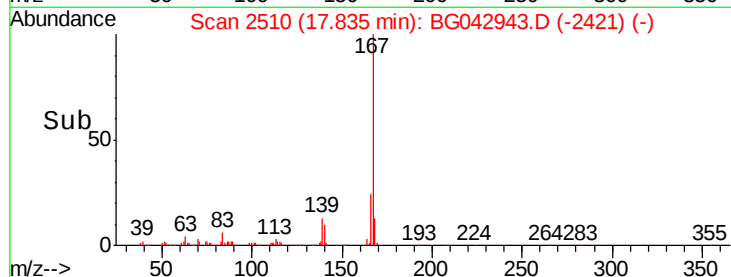
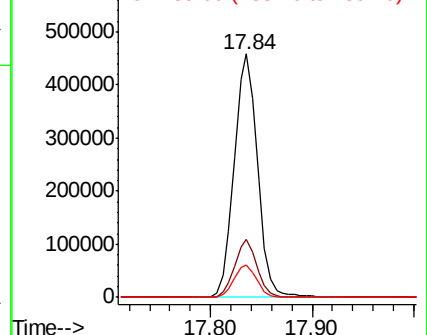
167 100

166 23.8 18.6 28.0

139 13.1 10.8 16.2



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



#74

Di-n-butylphthalate

Concen: 36.422 ng

RT: 18.39 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

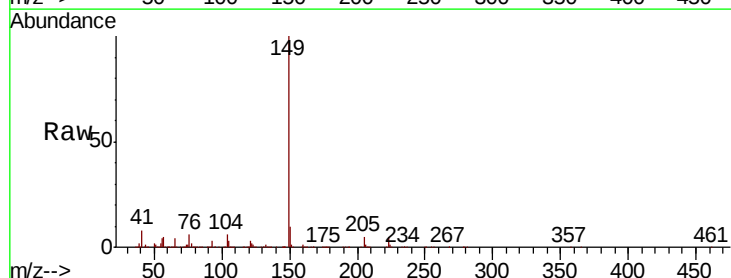
Tgt Ion:149 Resp: 835416

Ion Ratio Lower Upper

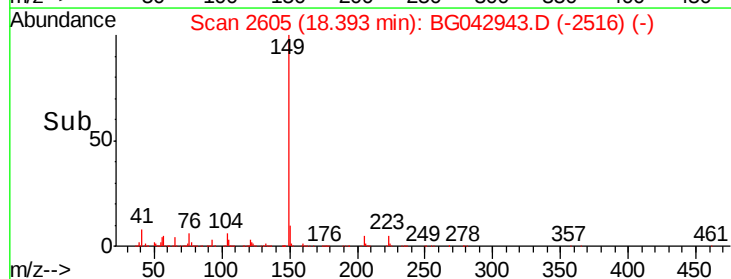
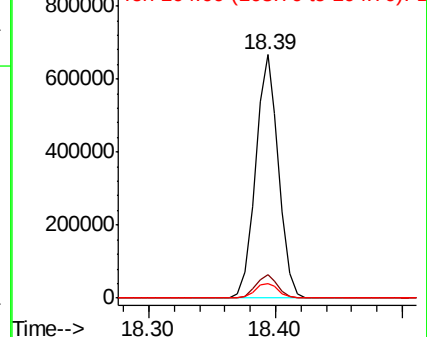
149 100

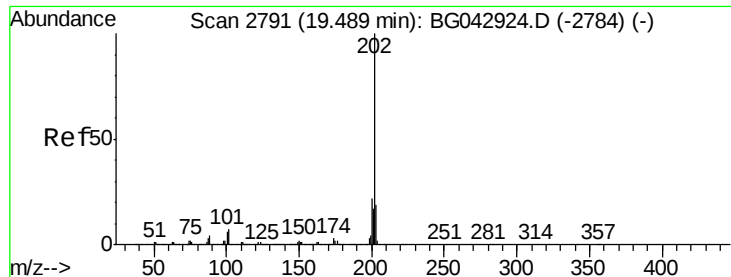
150 9.9 7.7 11.5

104 6.1 5.0 7.6



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

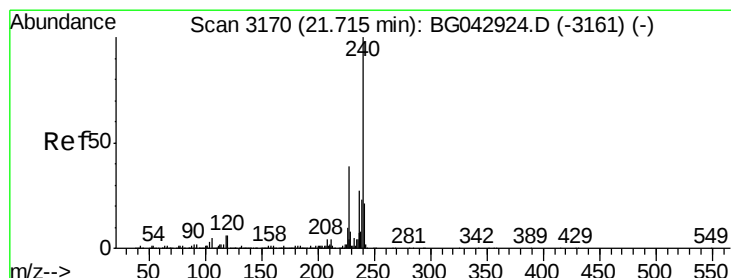
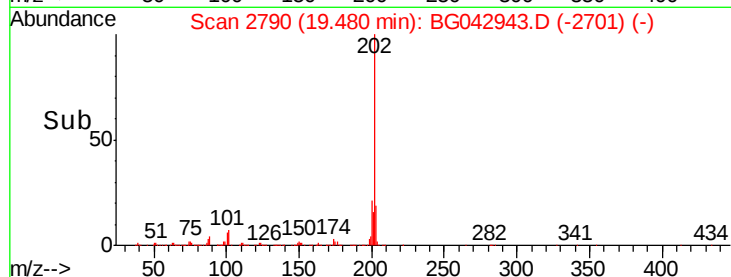
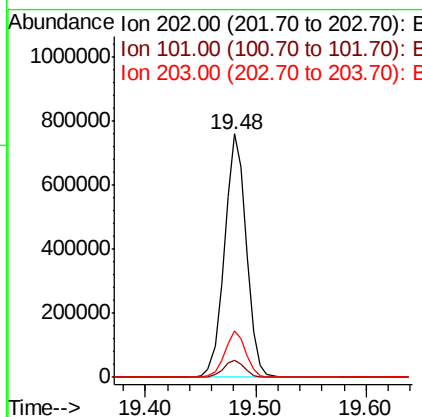
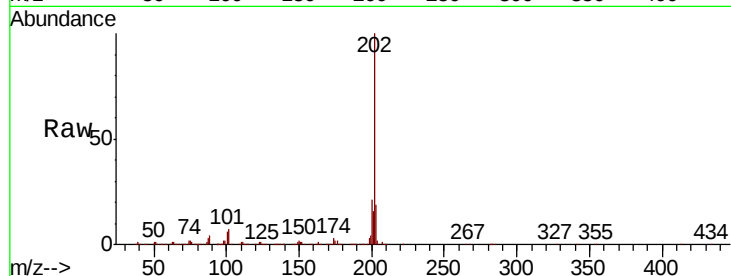




#75
 Fluoranthene
 Concen: 38.257 ng
 RT: 19.48 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

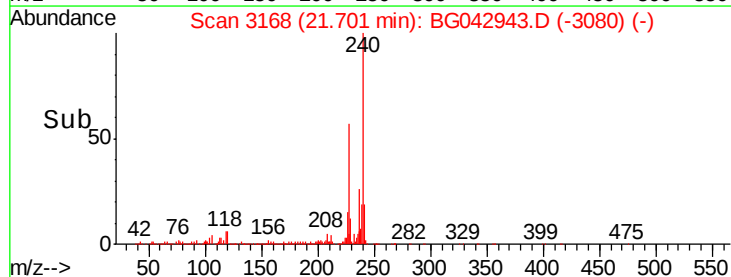
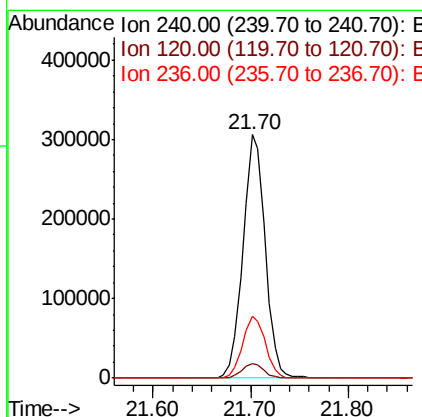
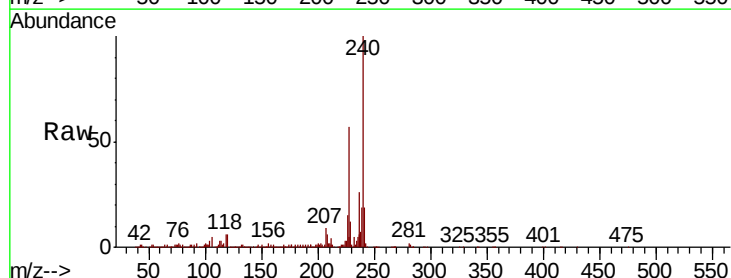
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:202 Resp: 1050810
 Ion Ratio Lower Upper
 202 100
 101 7.1 0.0 27.3
 203 19.3 0.0 39.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion:240 Resp: 481304
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.8 7.2
 236 25.6 21.4 32.0





#77

Benzidine

Concen: 43.015 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

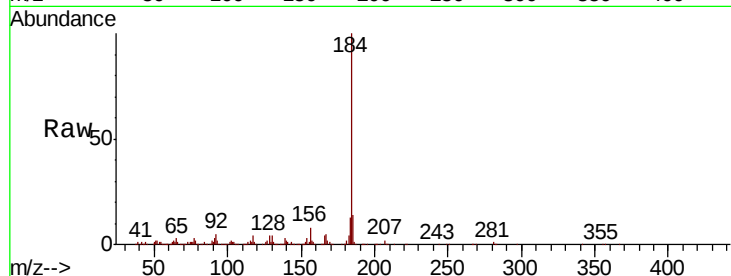
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 518394

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.8	17.8
183	13.1	10.1	15.1

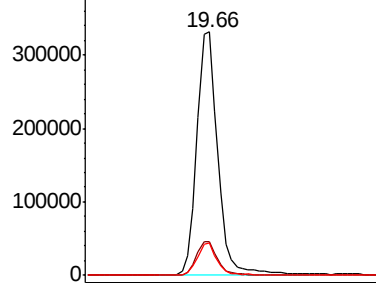


Abundance

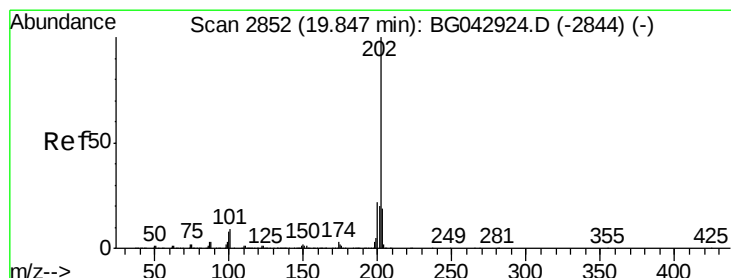
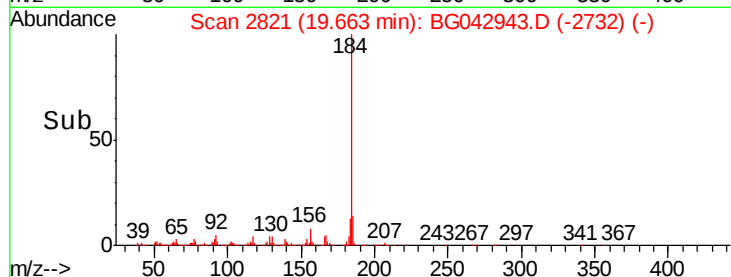
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 37.169 ng

RT: 19.84 min Scan# 2852

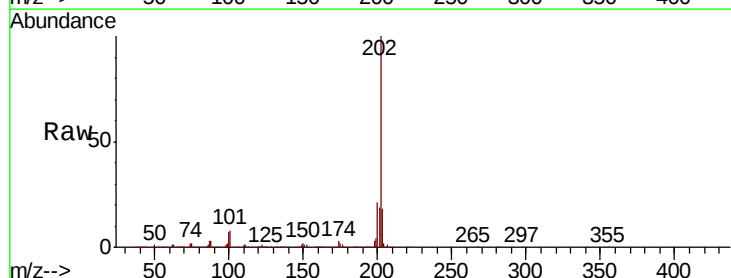
Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion:202 Resp: 1067758

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.3	15.2	22.8

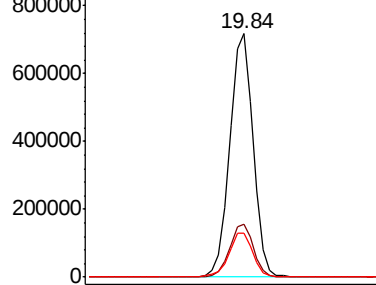


Abundance

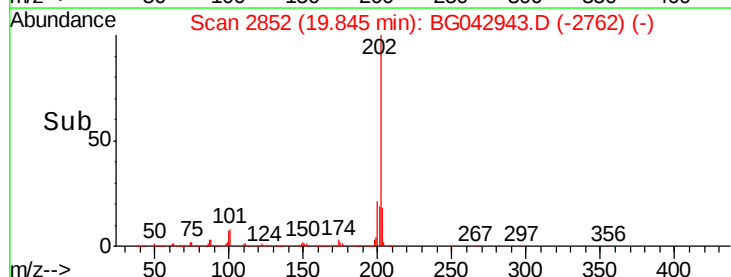
Ion 202.00 (201.70 to 202.70): E

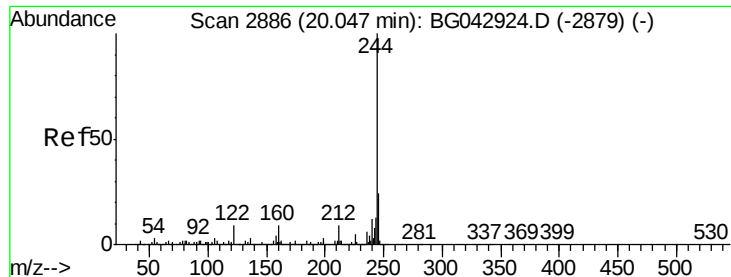
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 65.403 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampled :

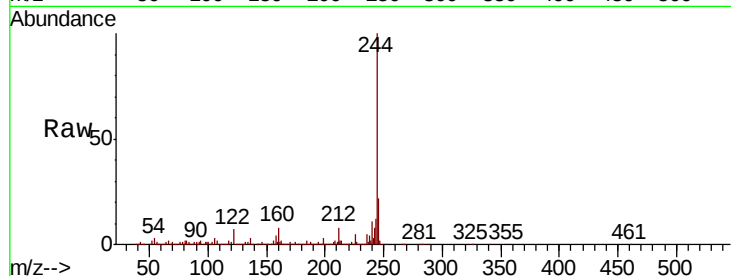
Tot Ion:244 Resp: 1477274

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.0

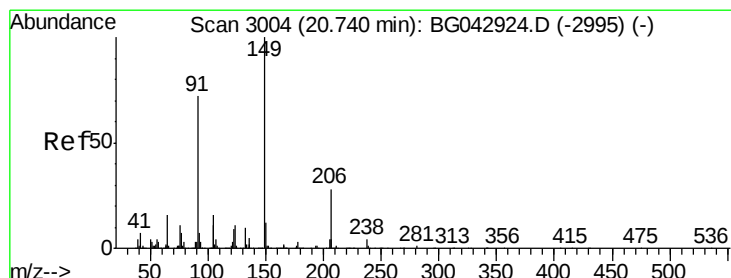
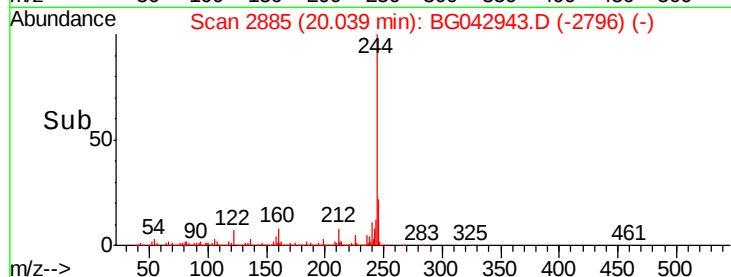
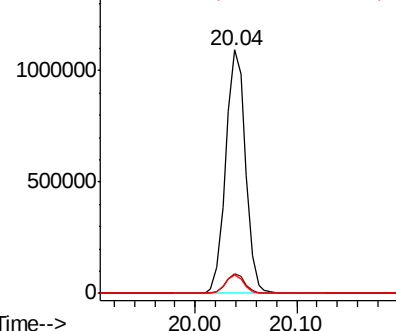
122 7.4 7.0 10.4



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: 35.629 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

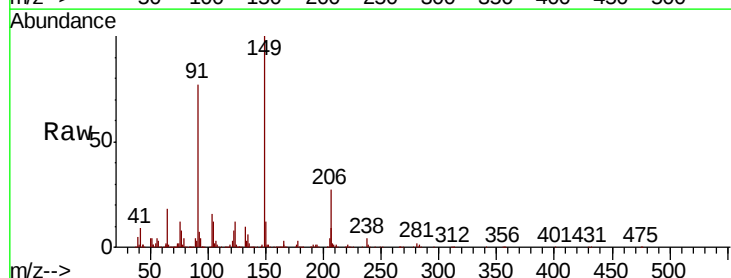
Tgt Ion:149 Resp: 388505

Ion Ratio Lower Upper

149 100

91 77.2 57.7 86.5

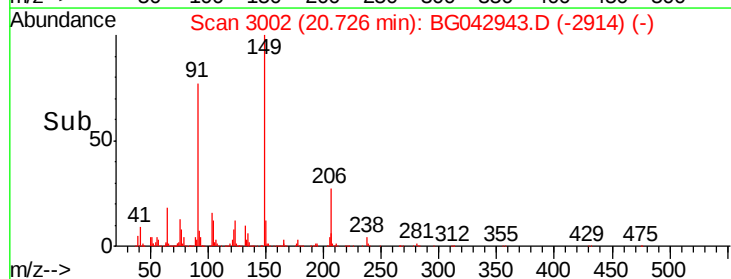
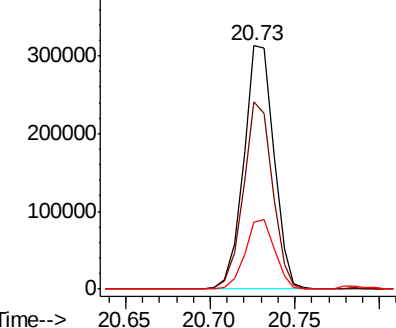
206 27.3 22.6 33.8

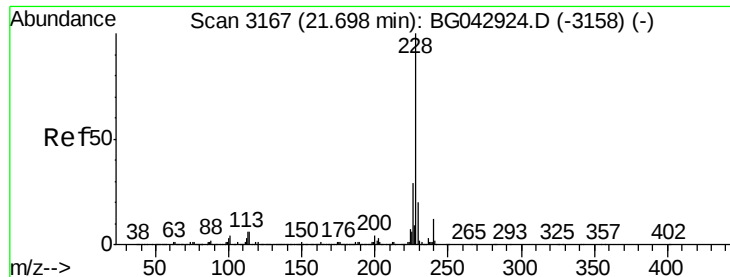


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.075 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

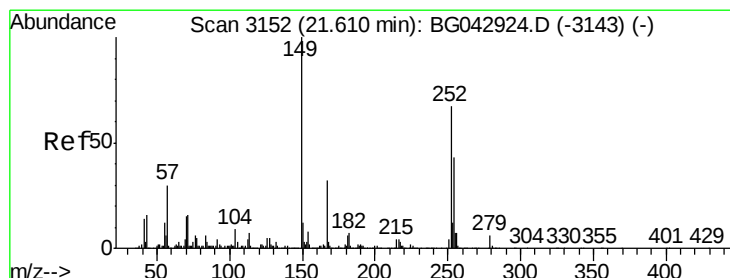
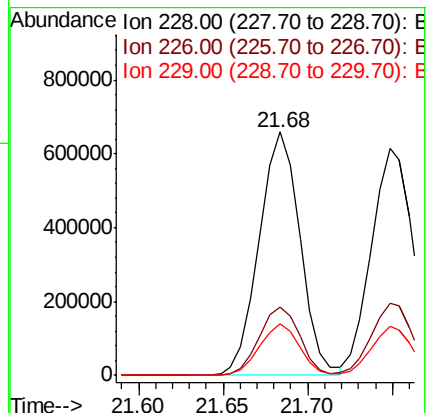
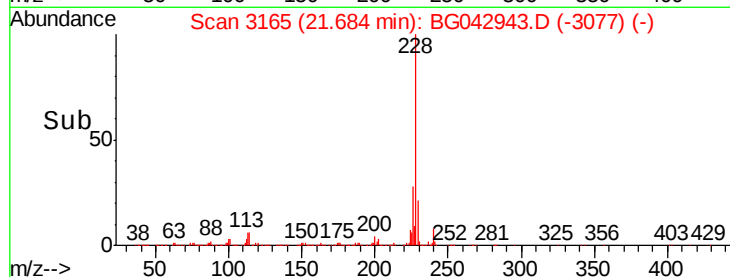
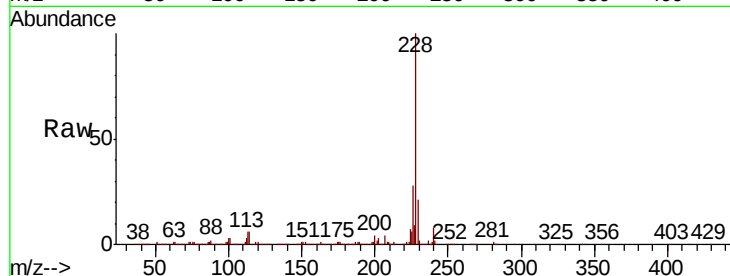
Tot Ion:228 Resp: 1111872

Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.4

229 21.1 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 14.763 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

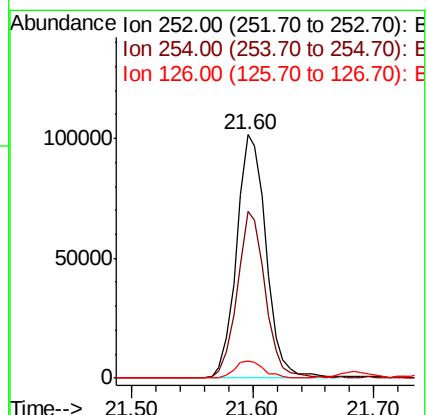
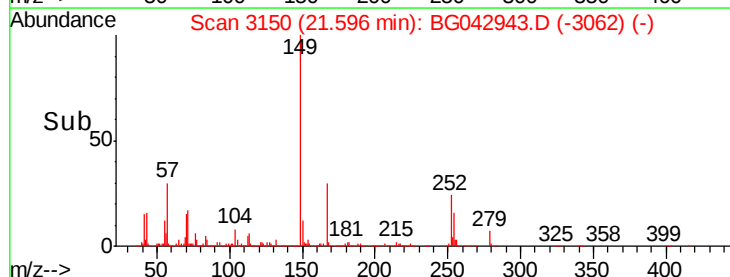
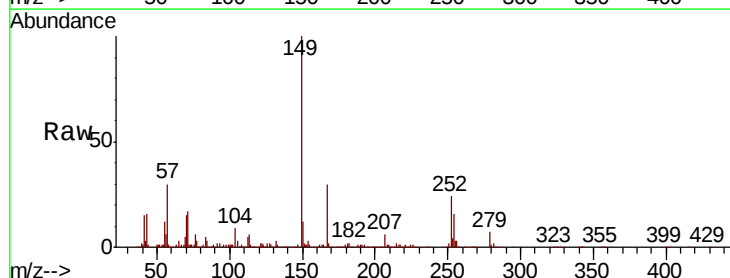
Tgt Ion:252 Resp: 173652

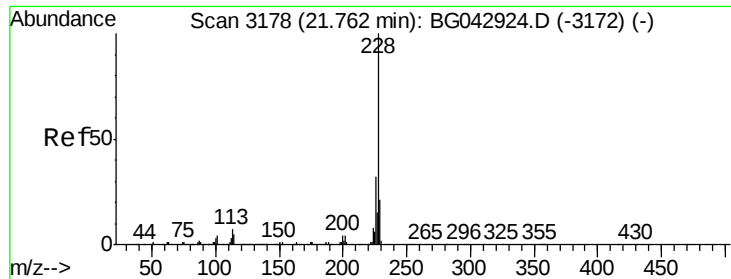
Ion Ratio Lower Upper

252 100

254 68.3 51.9 77.9

126 7.3 6.1 9.1



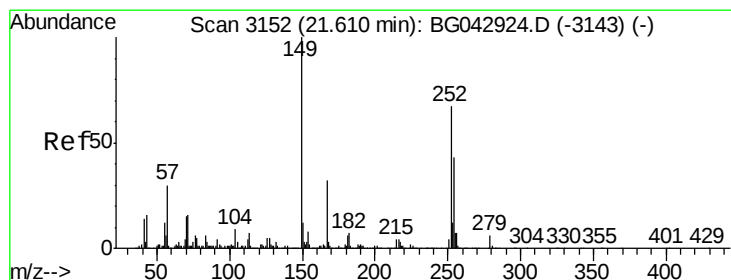
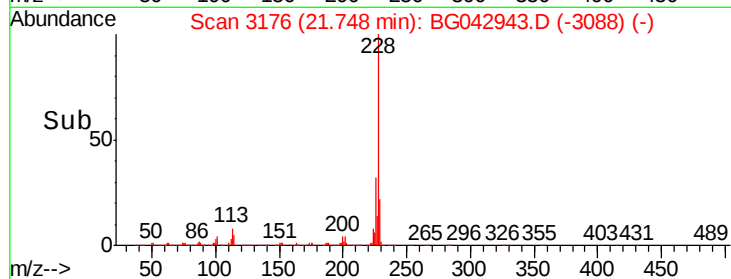
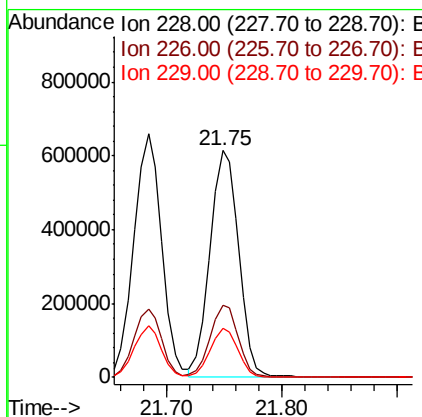
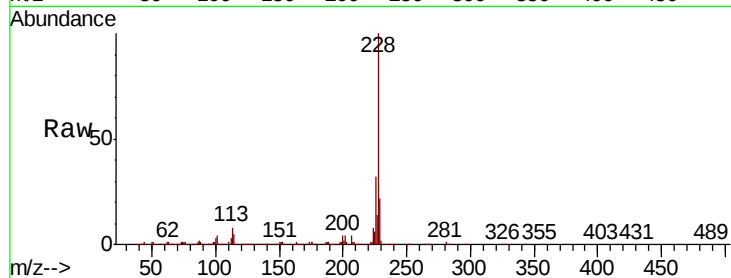


#83
 Chrysene
 Concen: 36.315 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1056862

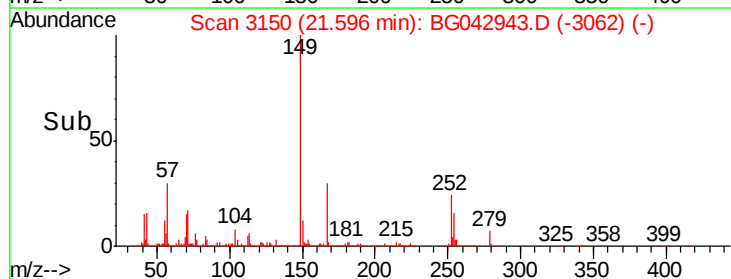
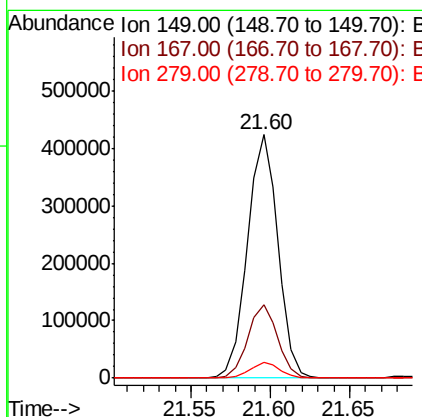
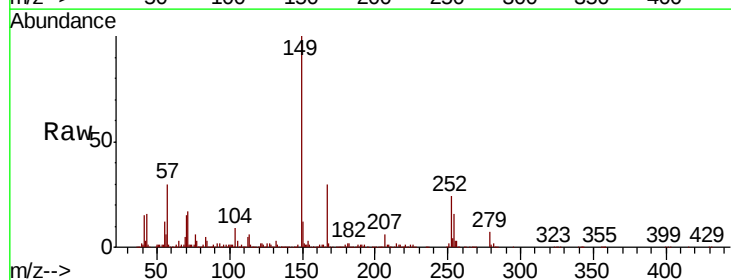
Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.6	38.4
229	21.6	16.9	25.3

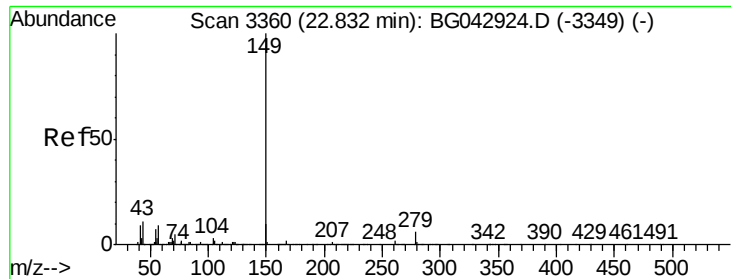


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.157 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion:149 Resp: 561009

Ion	Ratio	Lower	Upper
149	100		
167	30.2	25.4	38.2
279	6.7	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 37.689 ng

RT: 22.81 min Scan# 3357

Delta R.T. -0.02 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

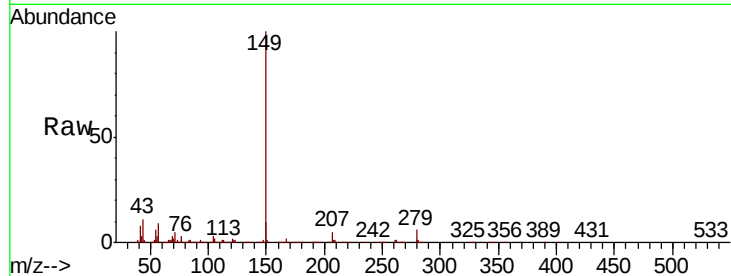
Tot Ion:149 Resp: 956231

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

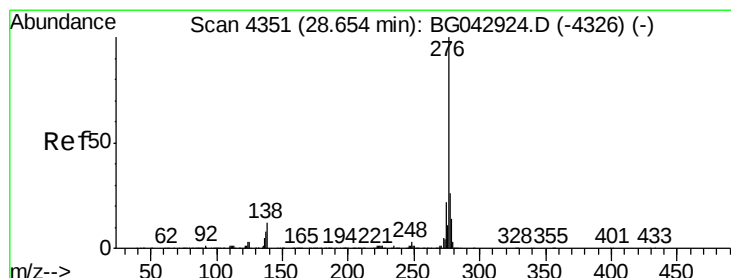
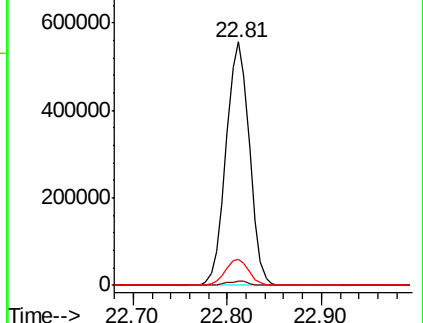
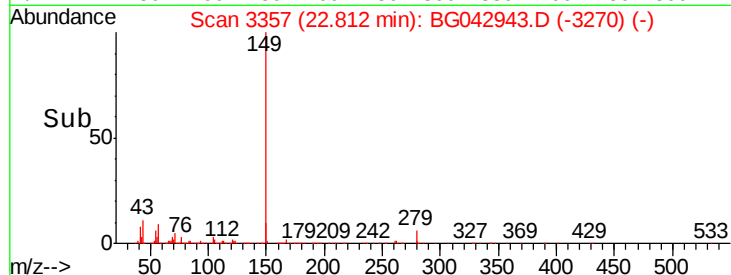
43 10.9 8.7 13.1



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: 37.242 ng

RT: 28.61 min Scan# 4344

Delta R.T. -0.04 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

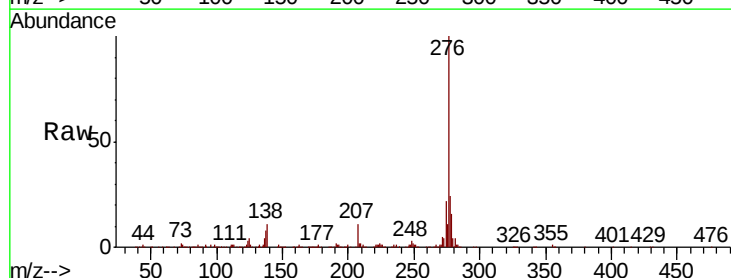
Tgt Ion:276 Resp: 1349302

Ion Ratio Lower Upper

276 100

138 8.8 7.0 10.6

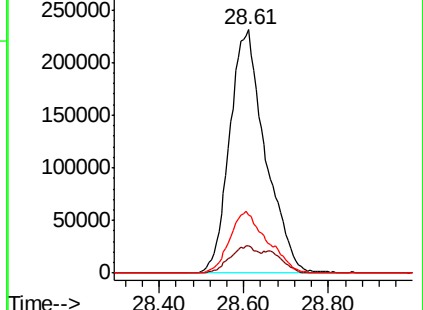
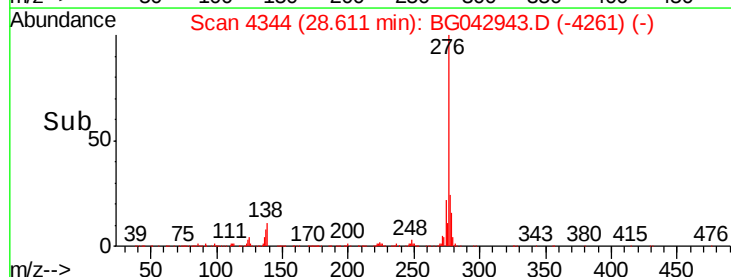
277 26.5 20.9 31.3

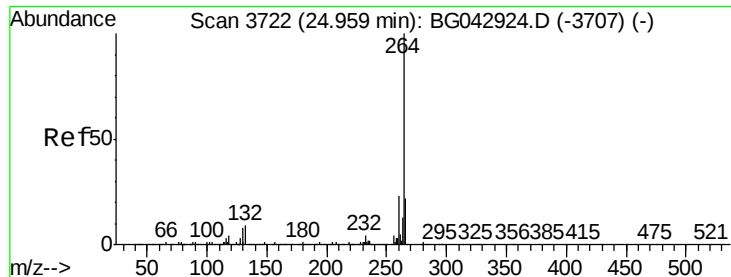


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

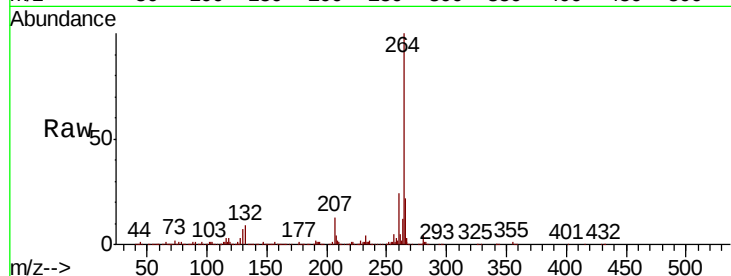
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 552170

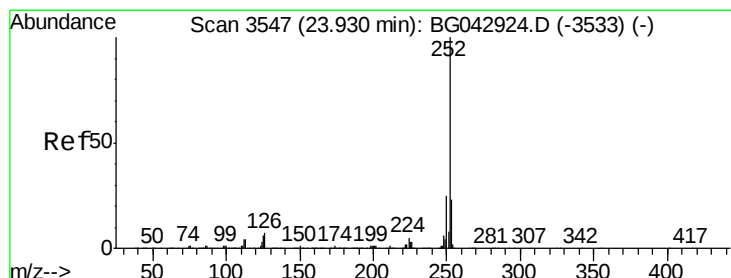
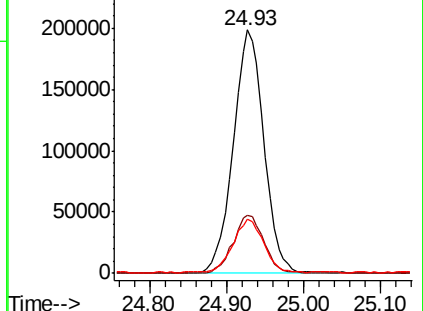
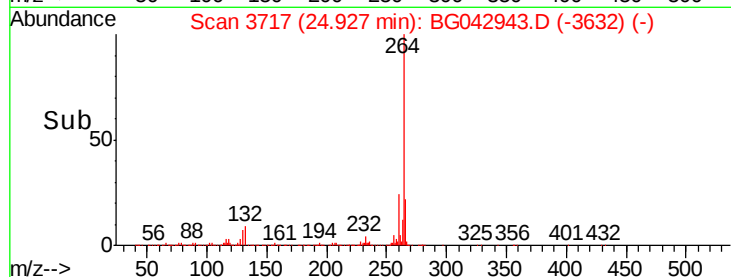
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.2	17.7	26.5



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: 37.371 ng

RT: 23.90 min Scan# 3543

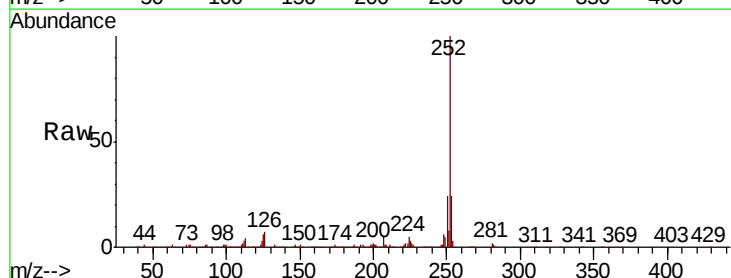
Delta R.T. -0.03 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion:252 Resp: 1167580

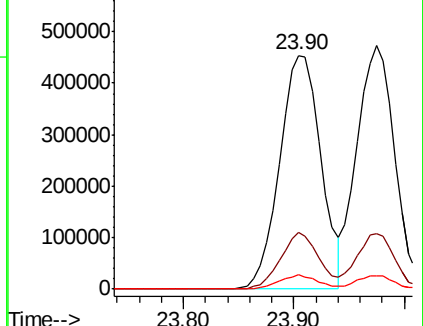
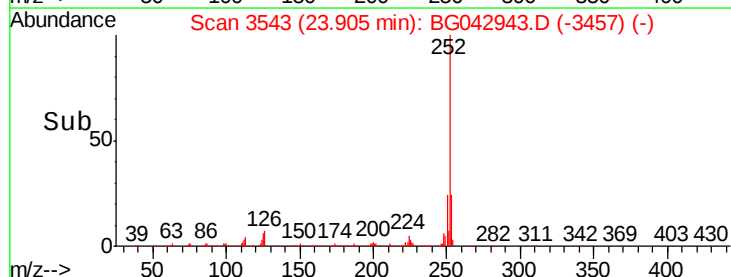
Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	6.3	4.6	7.0

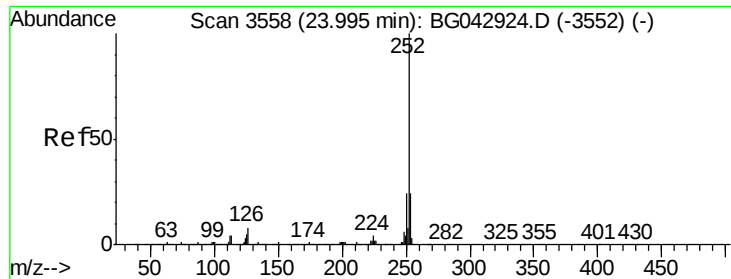


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 36.848 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.02 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

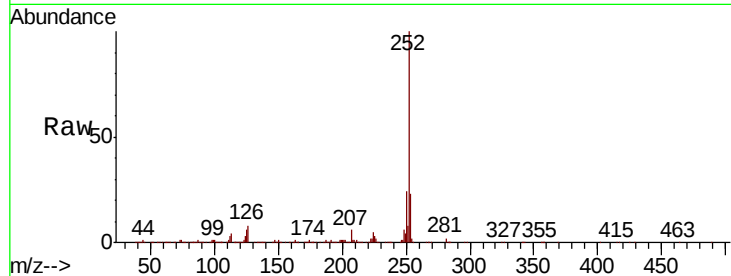
Tot Ion:252 Resp: 1138899

Ion Ratio Lower Upper

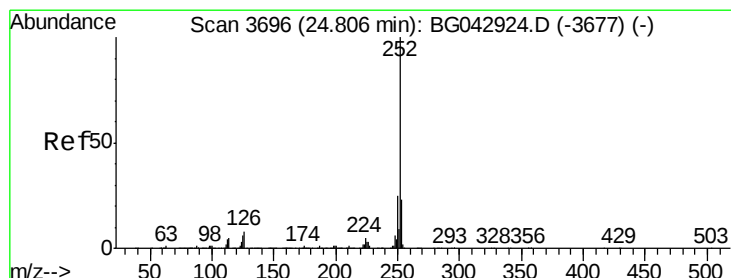
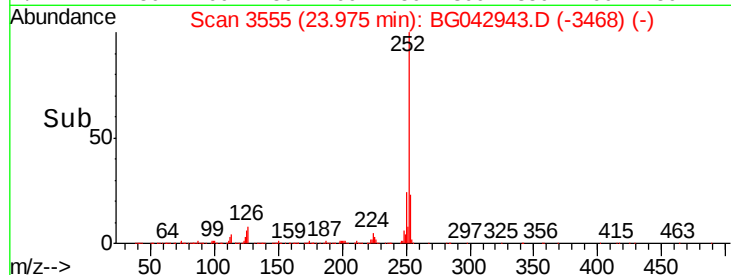
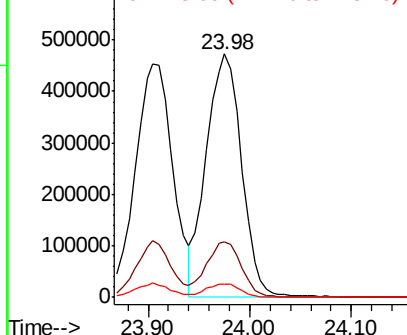
252 100

253 22.9 18.9 28.3

125 5.7 4.5 6.7



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



#90

Benzo(a)pyrene

Concen: 38.523 ng

RT: 24.77 min Scan# 3691

Delta R.T. -0.03 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

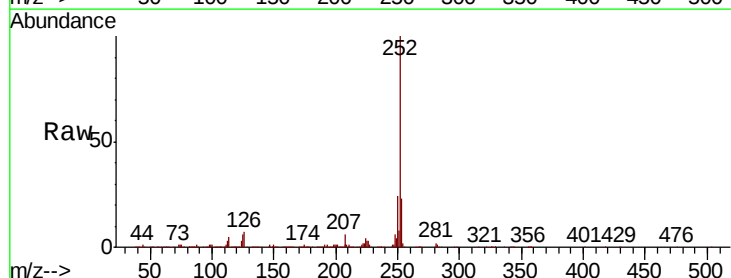
Tgt Ion:252 Resp: 1135532

Ion Ratio Lower Upper

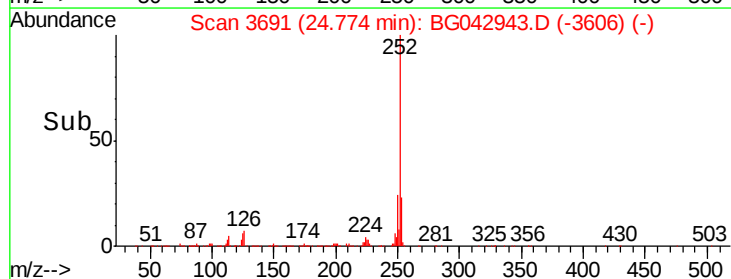
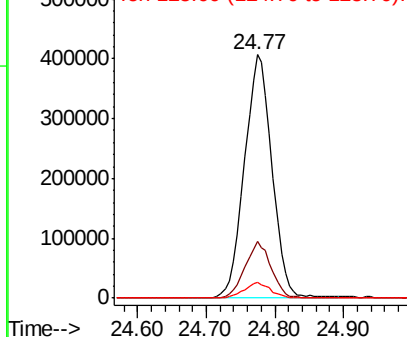
252 100

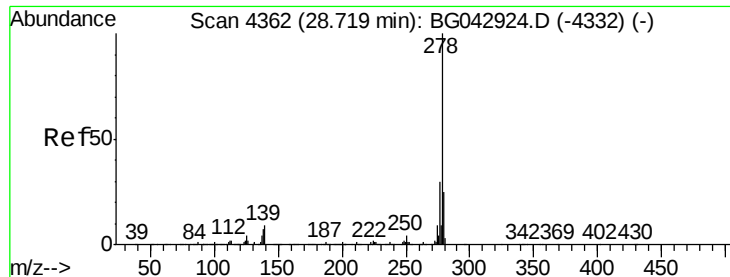
253 23.3 18.2 27.4

125 6.4 5.0 7.6



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





#91

Dibenzo(a,h)anthracene

Concen: 37.857 ng

RT: 28.67 min Scan# 4354

Delta R.T. -0.05 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

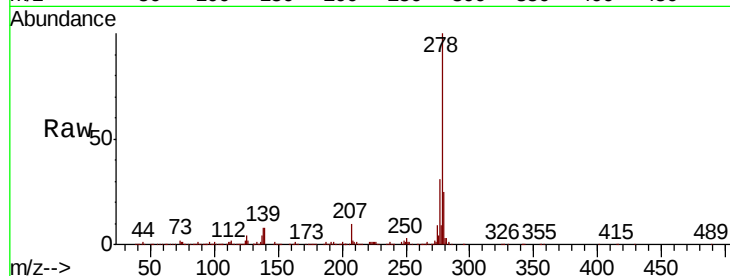
Tot Ion:278 Resp: 1144264

Ion Ratio Lower Upper

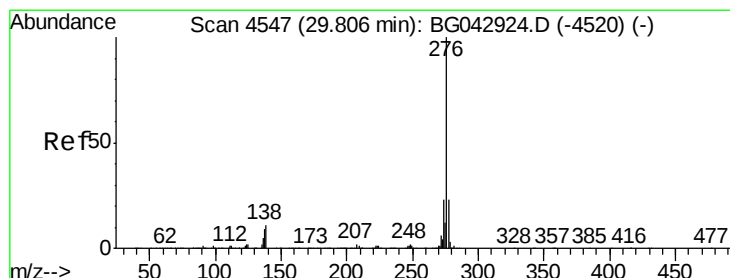
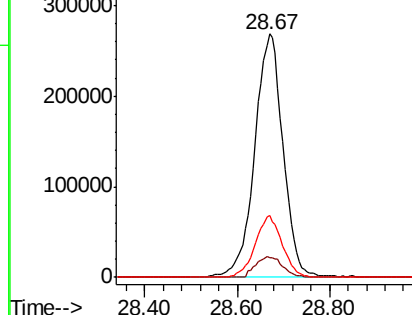
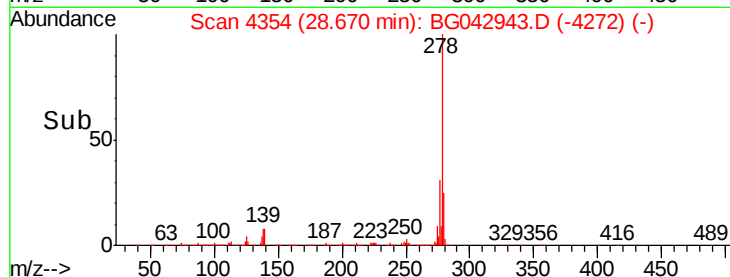
278 100

139 8.2 6.8 10.2

279 25.3 20.1 30.1



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



#92

Benzo(g,h,i)perylene

Concen: 38.205 ng

RT: 29.75 min Scan# 4538

Delta R.T. -0.06 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

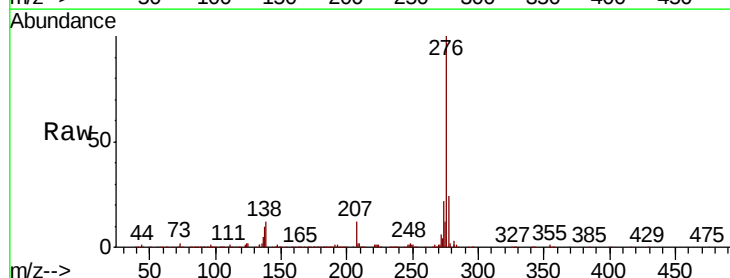
Tgt Ion:276 Resp: 1118903

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 11.8 8.6 12.8



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

