

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042957.D
 Acq On : 1 Oct 2019 1:18
 Operator : JU
 Sample : K5054-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 07:13:01 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	63752	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	240227	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	180014	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	449391	20.00	ng	0.00
76) Chrysene-d12	21.70	240	493895	20.00	ng	-0.01
87) Perylene-d12	24.93	264	572559	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	482788	135.15	ng	0.00
7) Phenol-d6	7.25	99	716162	139.21	ng	0.00
23) Nitrobenzene-d5	9.23	82	444353	89.91	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	445247	143.84	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1113006	89.63	ng	0.00
79) Terphenyl-d14	20.04	244	2198232	94.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	52454	35.218	ng	96
3) Pyridine	3.95	79	107906	25.759	ng	98
4) n-Nitrosodimethylamine	3.86	42	88621	43.992	ng	# 96
6) Aniline	7.40	93	117413	18.908	ng	97
8) 2-Chlorophenol	7.64	128	177645	47.684	ng	98
9) Benzaldehyde	7.21	77	132252	42.071	ng	93
10) Phenol	7.27	94	239252	50.692	ng	96
11) bis(2-Chloroethyl)ether	7.50	93	154625	42.342	ng	94
12) 1,3-Dichlorobenzene	7.96	146	182319	38.363	ng	95
13) 1,4-Dichlorobenzene	8.11	146	186625	39.392	ng	99
14) 1,2-Dichlorobenzene	8.43	146	178585	39.594	ng	93
15) Benzyl Alcohol	8.31	79	181697	46.978	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	269471	38.424	ng	99
17) 2-Methylphenol	8.52	107	156446	47.372	ng	98
18) Hexachloroethane	9.16	117	69851	39.148	ng	96
19) n-Nitroso-di-n-propylamine	8.88	70	145493	43.072	ng	98
20) 3+4-Methylphenols	8.85	107	96320	21.283	ng	97
22) Acetophenone	8.89	105	275947	44.563	ng	97
24) Nitrobenzene	9.28	77	215774	45.770	ng	97
25) Isophorone	9.80	82	399252	45.989	ng	97
26) 2-Nitrophenol	9.99	139	98930	49.295	ng	97
27) 2,4-Dimethylphenol	10.06	122	176098	57.138	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	220709	44.808	ng	97
29) 2,4-Dichlorophenol	10.54	162	202593	52.854	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	215121	43.459	ng	97
31) Naphthalene	10.93	128	539730	45.641	ng	99
32) Benzoic acid	10.20	122	127400	52.163	ng	92
33) 4-Chloroaniline	11.04	127	80113	15.612	ng	99
34) Hexachlorobutadiene	11.21	225	153467	41.407	ng	96
35) Caprolactam	11.82	113	37663	27.863	ng	# 85
36) 4-Chloro-3-methylphenol	12.16	107	227233	54.523	ng	93
37) 2-Methylnaphthalene	12.52	142	418349	46.373	ng	95
38) 1-Methylnaphthalene	12.74	142	395577	46.341	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	279028	41.225	ng	99

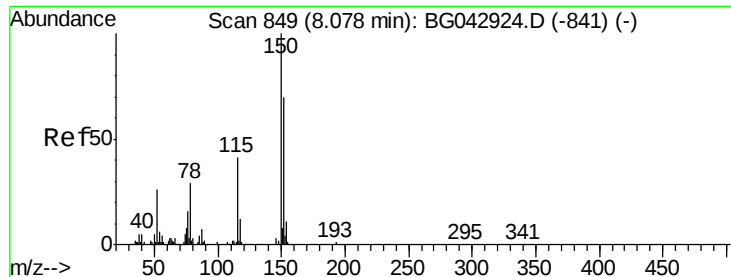
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	383045	88.822	nq	96
43) 2,4,6-Trichlorophenol	13.13	196	193010	48.721	nq	97
44) 2,4,5-Trichlorophenol	13.21	196	209651	51.372	nq	97
46) 1,1'-Biphenyl	13.53	154	578806	42.399	nq	99
47) 2-Chloronaphthalene	13.57	162	449167	43.885	nq	98
48) 2-Nitroaniline	13.77	65	164513	48.335	nq	93
49) Acenaphthylene	14.42	152	730745	46.660	nq	99
50) Dimethylphthalate	14.15	163	681108	50.498	nq	99
51) 2,6-Dinitrotoluene	14.26	165	143025	49.794	nq	91
52) Acenaphthene	14.76	154	463902	44.254	nq	99
53) 3-Nitroaniline	14.59	138	65717	22.139	nq	# 95
54) 2,4-Dinitrophenol	14.79	184	201710	112.979	nq	96
55) Dibenzofuran	15.09	168	726330	46.839	nq	98
56) 4-Nitrophenol	14.91	139	242052	107.021	nq	97
57) 2,4-Dinitrotoluene	15.05	165	204791	48.687	nq	96
58) Fluorene	15.74	166	624961	47.205	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	213601	49.157	nq	99
60) Diethylphthalate	15.51	149	633440	46.147	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	360861	45.448	nq	99
62) 4-Nitroaniline	15.76	138	148862	45.982	nq	96
63) Azobenzene	16.02	77	567707	45.427	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	141146	55.505	nq	96
66) n-Nitrosodiphenylamine	15.94	169	559782	47.186	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	257744	45.697	nq	95
68) Hexachlorobenzene	16.74	284	278851	44.402	nq	98
69) Atrazine	16.89	200	220276	44.094	nq	94
70) Pentachlorophenol	17.08	266	387025	106.802	nq	98
71) Phenanthrene	17.48	178	1014212	46.228	nq	99
72) Anthracene	17.57	178	1042598	47.602	nq	99
73) Carbazole	17.84	167	968162	47.668	nq	99
74) Di-n-butylphthalate	18.39	149	1118431	46.153	nq	99
75) Fluoranthene	19.48	202	1368379	47.155	nq	100
77) Benzidine	19.66	184	340986	27.573	nq	100
78) Pyrene	19.84	202	1395556	47.341	nq	99
80) Butylbenzylphthalate	20.73	149	535691	47.875	nq	98
81) Benzo(a)anthracene	21.68	228	1432597	46.552	nq	98
82) 3,3'-Dichlorobenzidine	21.60	252	350421	29.032	nq	97
83) Chrysene	21.75	228	1387857	46.472	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	756710	47.527	nq	98
85) Di-n-octyl phthalate	22.81	149	1271306	48.830	nq	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1808600	48.647	nq	# 96
88) Benzo(b)fluoranthene	23.91	252	1519783	46.911	nq	98
89) Benzo(k)fluoranthene	23.98	252	1510834	47.141	nq	99
90) Benzo(a)pyrene	24.78	252	1491936	48.812	nq	100
91) Dibenzo(a,h)anthracene	28.67	278	1518470	48.448	nq	99
92) Benzo(g,h,i)perylene	29.76	276	1492700	49.154	nq	96

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

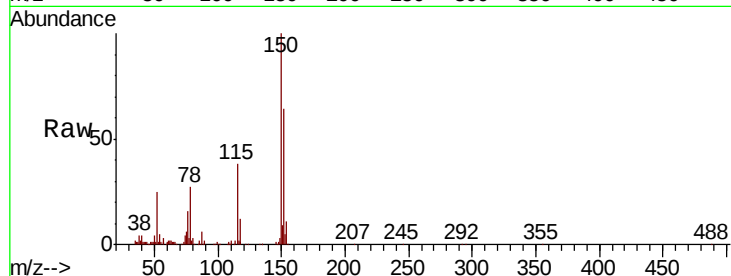


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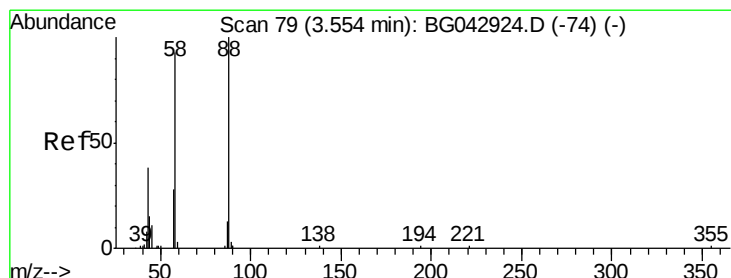
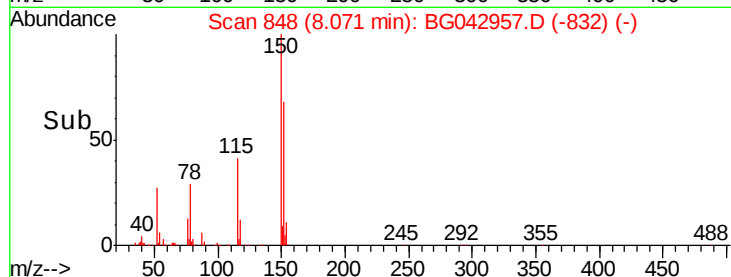
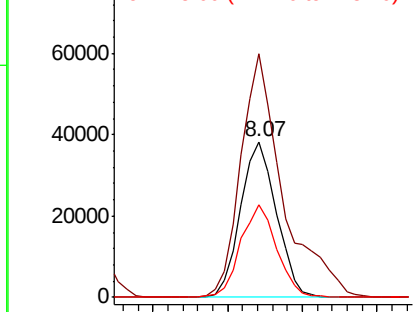
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63752
Ion Ratio Lower Upper
152 100
150 156.4 115.0 172.4
115 59.2 47.0 70.6



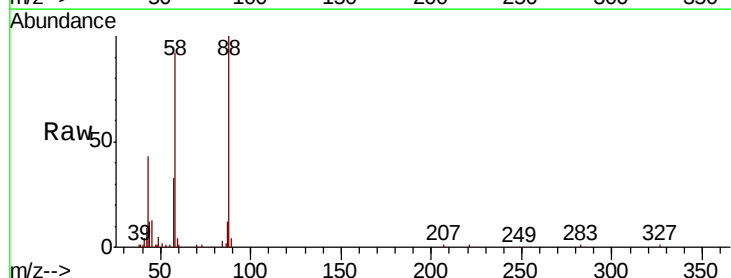
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



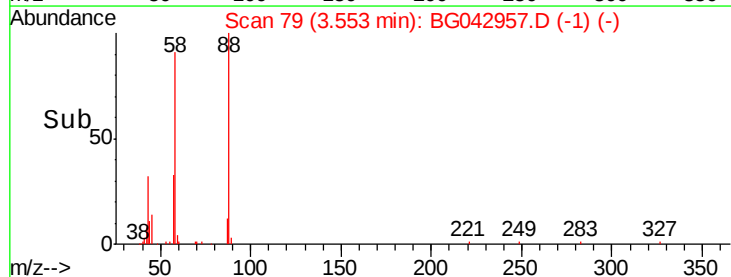
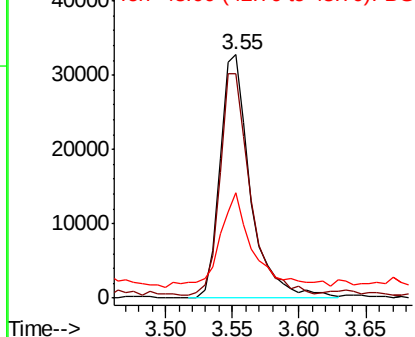
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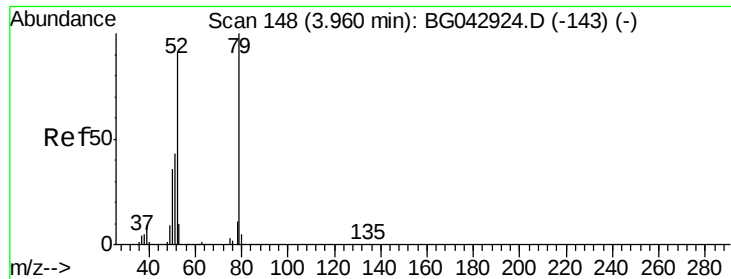
1,4-Dioxane
Concen: 35.218 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion: 88 Resp: 52454
Ion Ratio Lower Upper
88 100
58 90.8 74.3 111.5
43 43.1 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: 25.759 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

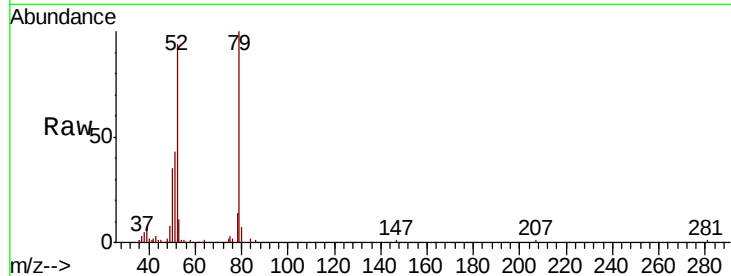
Tot Ion: 79 Resp: 107906

Ion Ratio Lower Upper

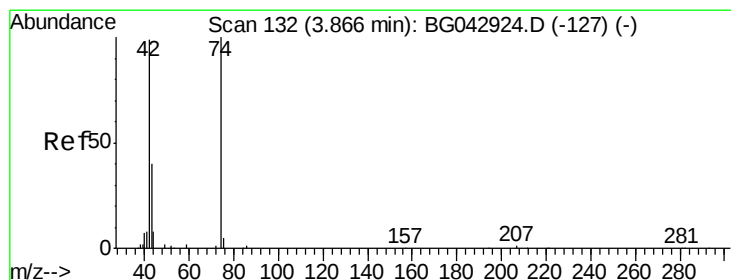
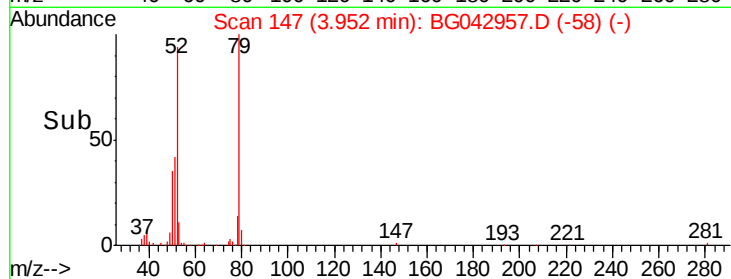
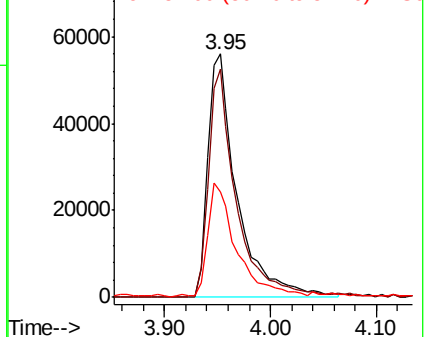
79 100

52 93.7 73.0 109.4

51 43.0 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: 43.992 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

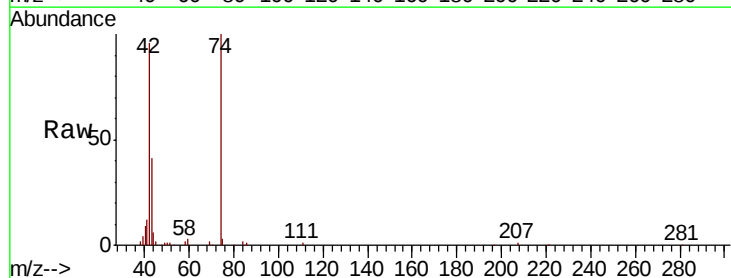
Tgt Ion: 42 Resp: 88621

Ion Ratio Lower Upper

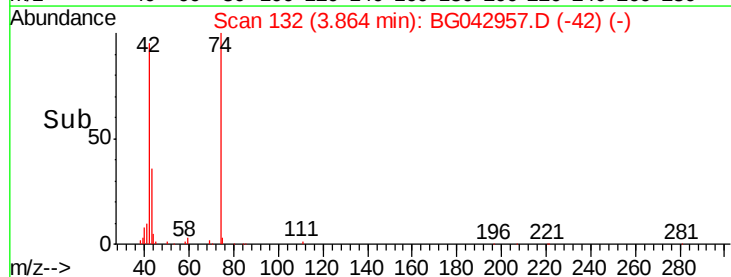
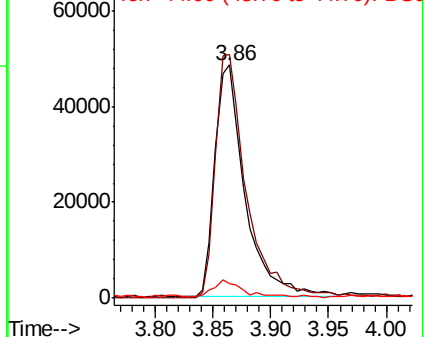
42 100

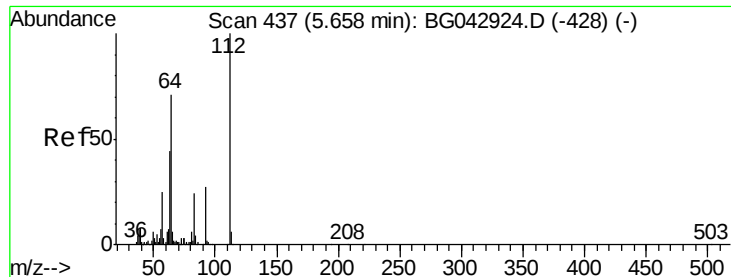
74 104.5 80.5 120.7

44 6.2 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: 135.148 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

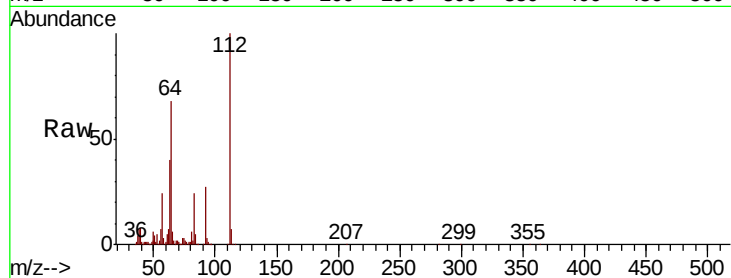
Tot Ion:112 Resp: 482788

Ion Ratio Lower Upper

112 100

64 67.6 56.6 84.8

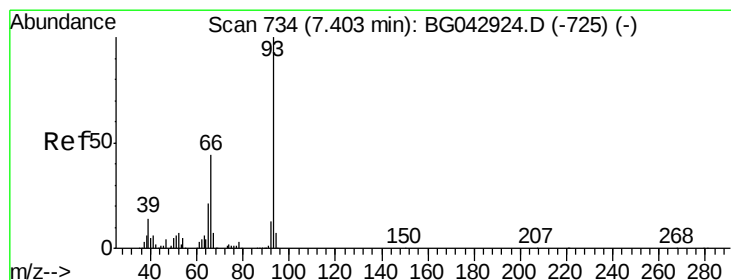
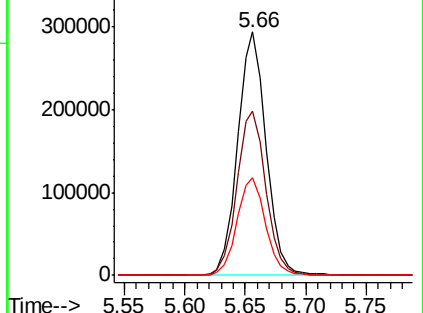
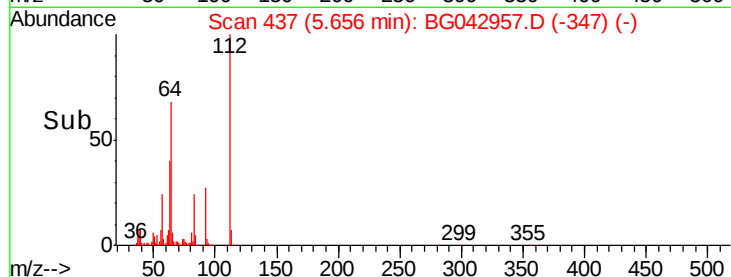
63 40.0 35.1 52.7



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: 18.908 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

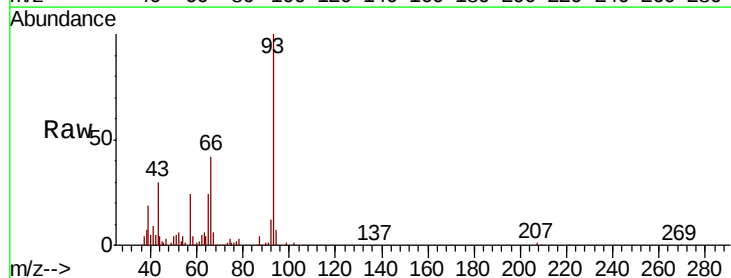
Tgt Ion: 93 Resp: 117413

Ion Ratio Lower Upper

93 100

66 42.2 35.0 52.6

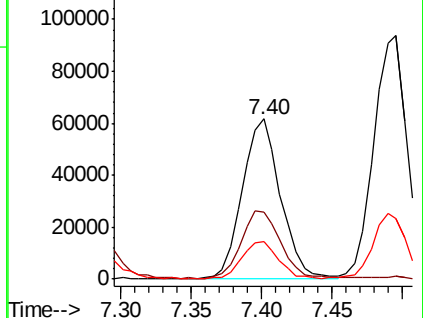
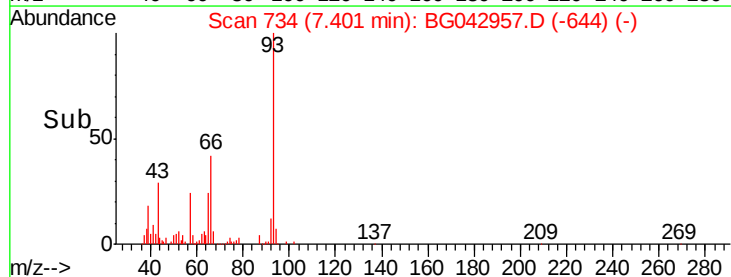
65 23.7 17.4 26.0

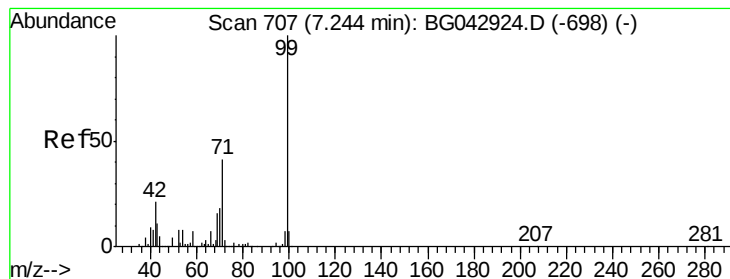


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.214 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

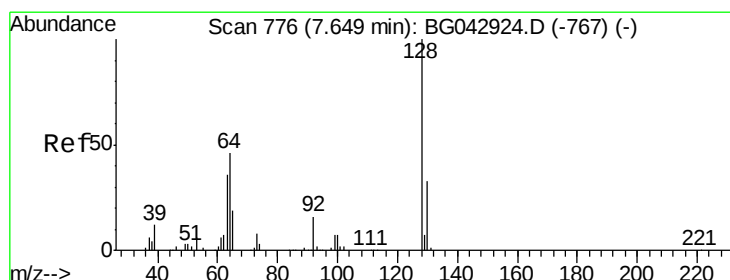
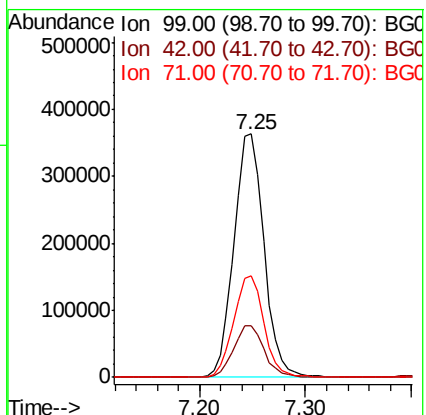
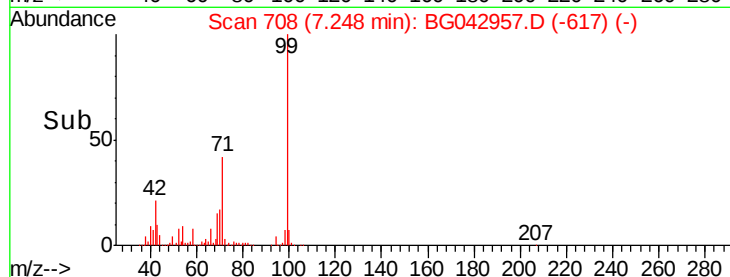
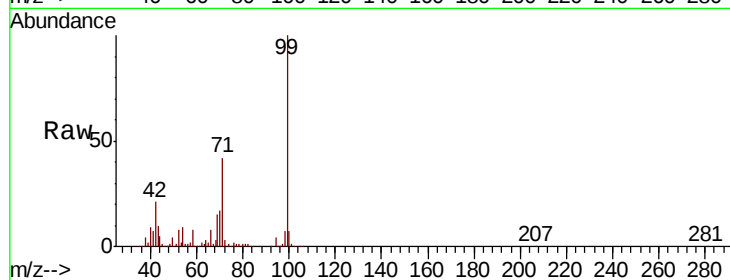
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 716162

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.2	25.8
71	41.9	33.1	49.7



#8

2-Chlorophenol

Concen: 47.684 ng

RT: 7.64 min Scan# 775

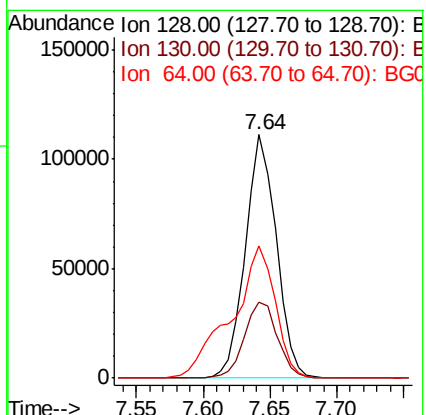
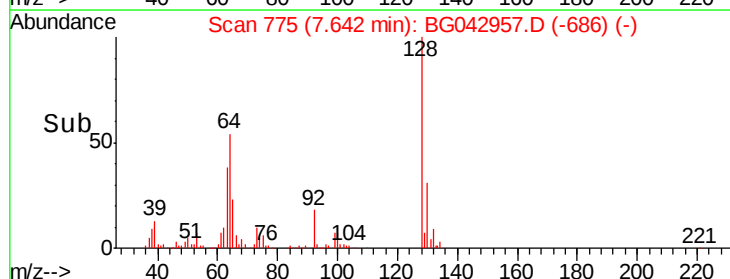
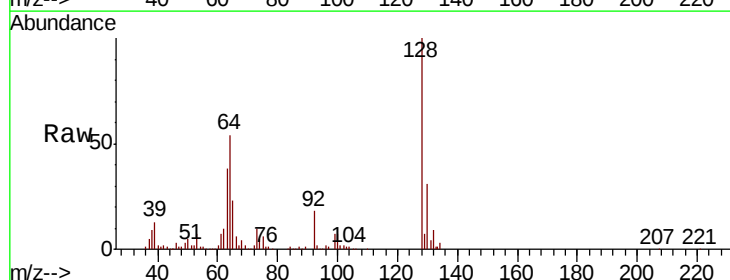
Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Tgt Ion: 128 Resp: 177645

Ion	Ratio	Lower	Upper
128	100		
130	31.1	12.5	52.5
64	54.5	32.8	72.8





#9

Benzaldehyde

Concen: 42.071 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

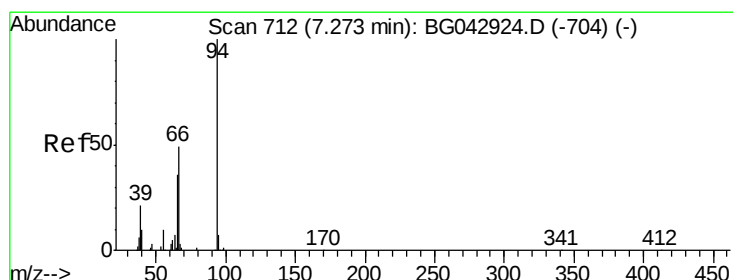
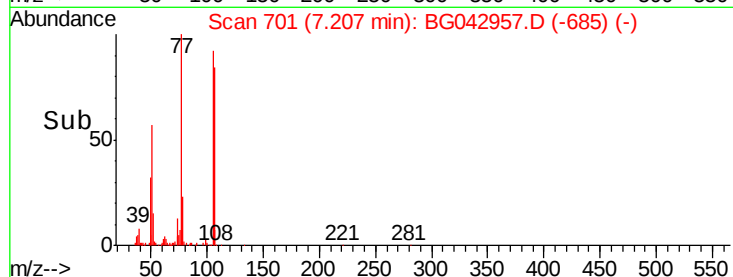
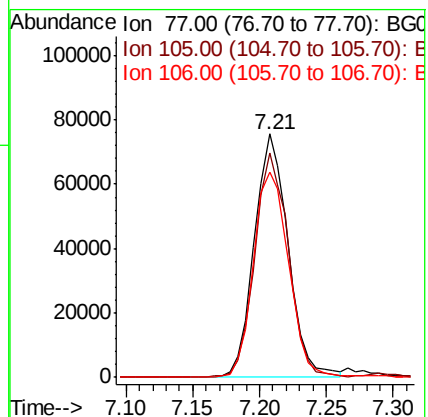
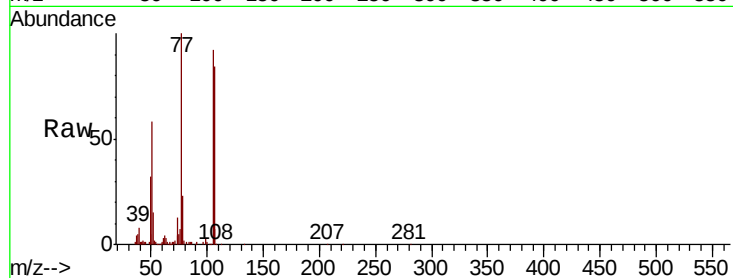
Tot Ion: 77 Resp: 132252

Ion Ratio Lower Upper

77 100

105 92.1 64.6 104.6

106 84.1 59.4 99.4



#10

Phenol

Concen: 50.692 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

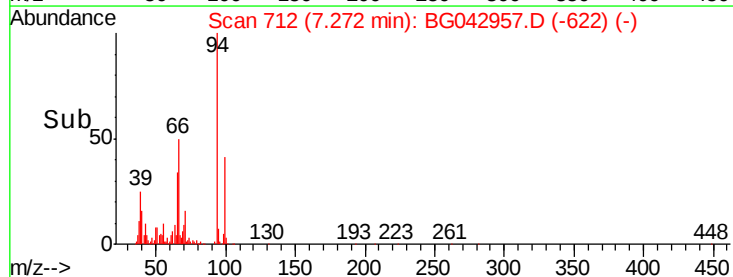
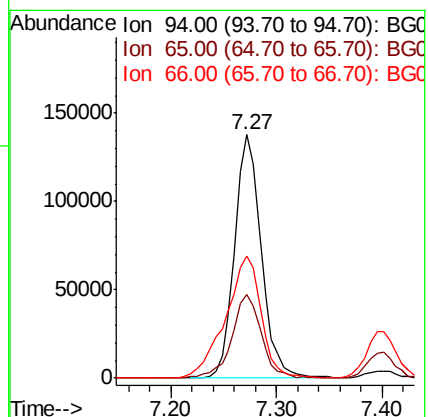
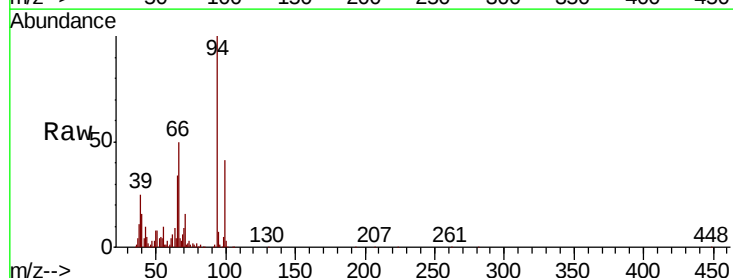
Tgt Ion: 94 Resp: 239252

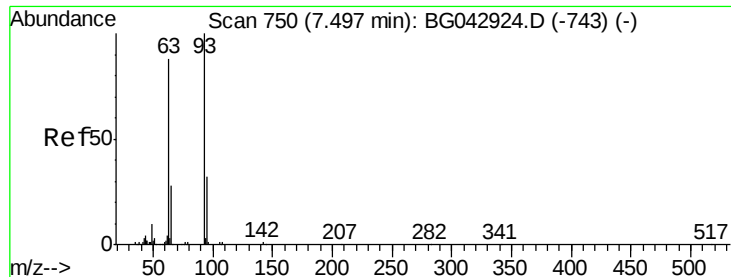
Ion Ratio Lower Upper

94 100

65 34.3 16.6 56.6

66 50.0 32.4 72.4

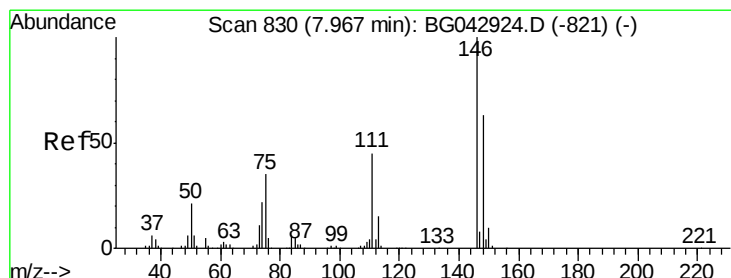
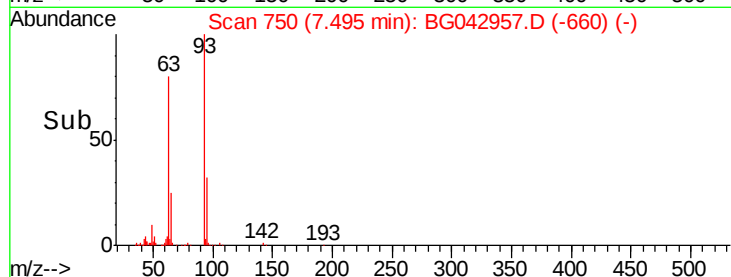
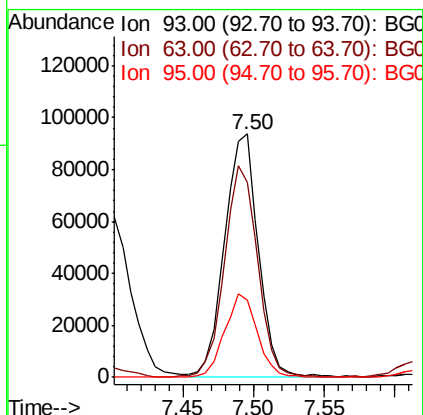
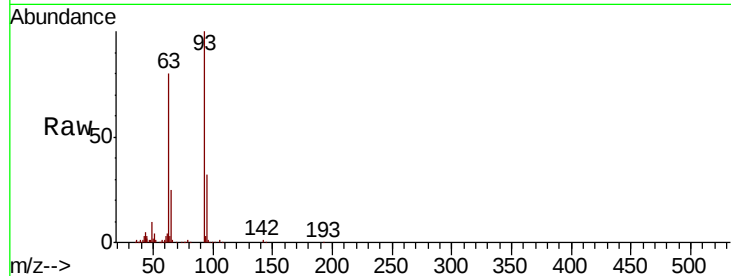




#11
 bis(2-Chloroethyl)ether
 Concen: 42.342 ng
 RT: 7.50 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

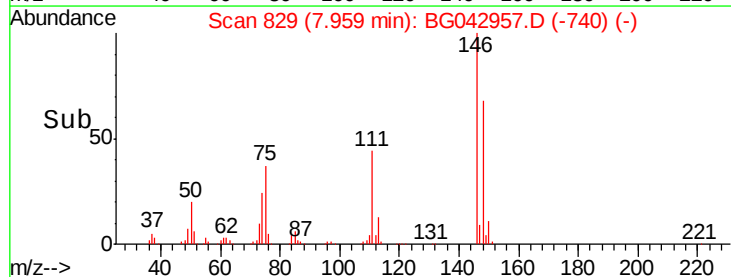
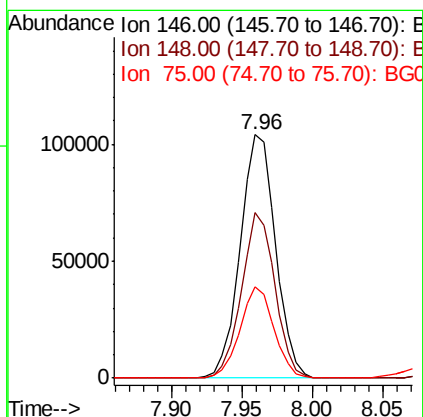
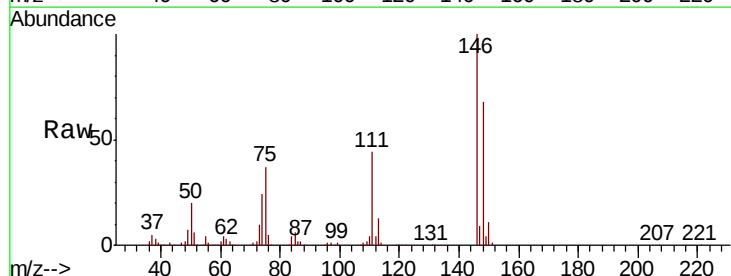
Instrument :
 BNA_G
 ClientSampleId :

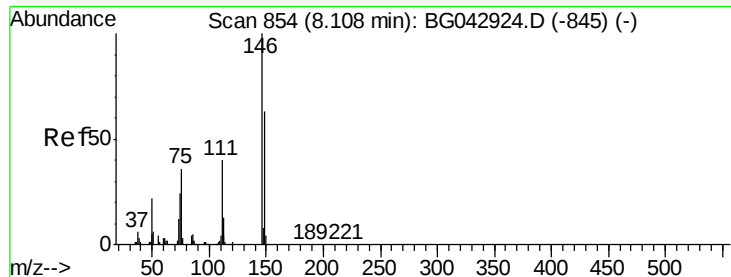
Tot Ion	93	Resp	154625
Ion Ratio	Lower	Upper	
93	100		
63	80.0	67.4	107.4
95	31.9	11.9	51.9



#12
 1,3-Dichlorobenzene
 Concen: 38.363 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Tgt Ion	146	Resp	182319
Ion Ratio	Lower	Upper	
146	100		
148	67.8	50.7	76.1
75	37.3	27.7	41.5

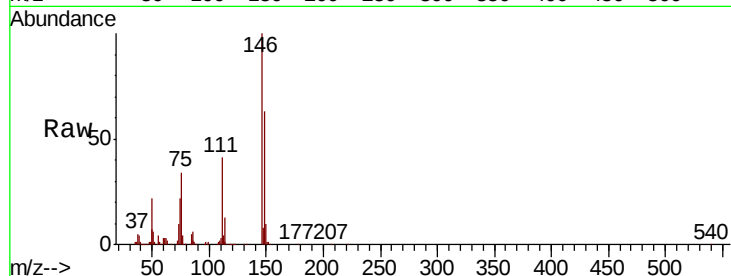




#13
 1,4-Dichlorobenzene
 Concen: 39.392 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.9	76.3
111	40.8	31.8	47.8

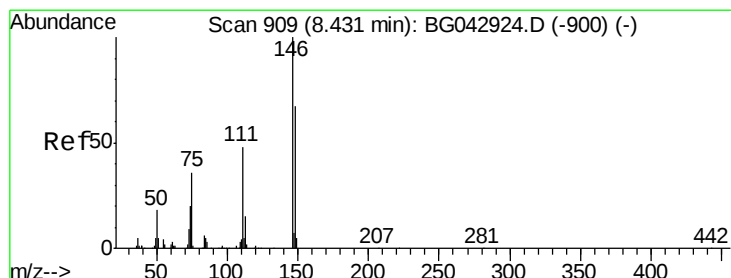
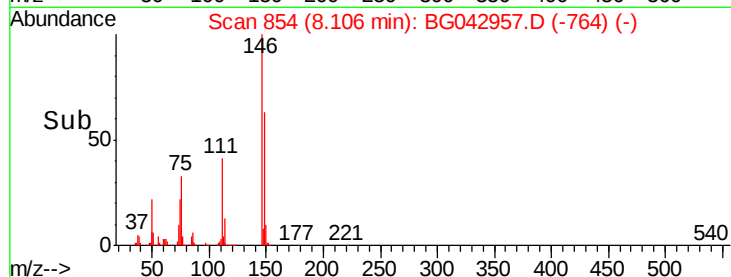
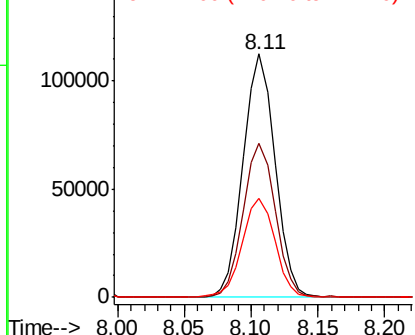


Abundance

Ion 146.00 (145.70 to 146.70): E

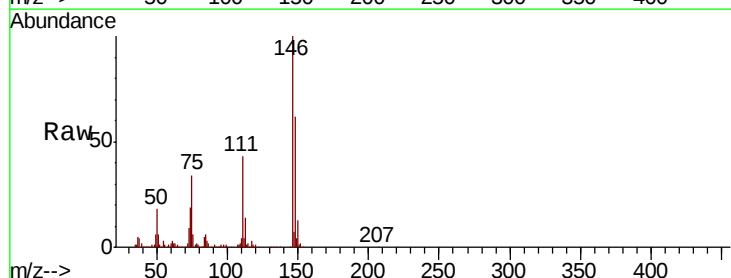
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.594 ng
 RT: 8.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	53.4	80.2
111	43.2	38.5	57.7

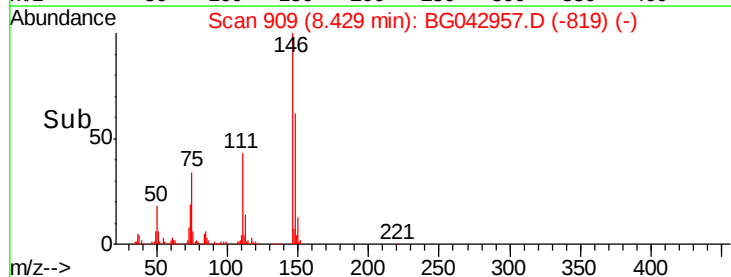
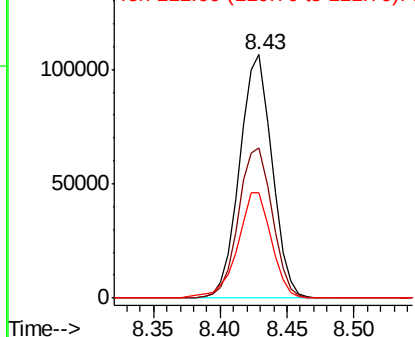


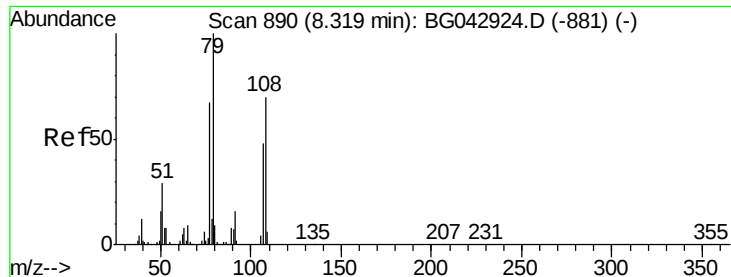
Abundance

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: 46.978 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampled :

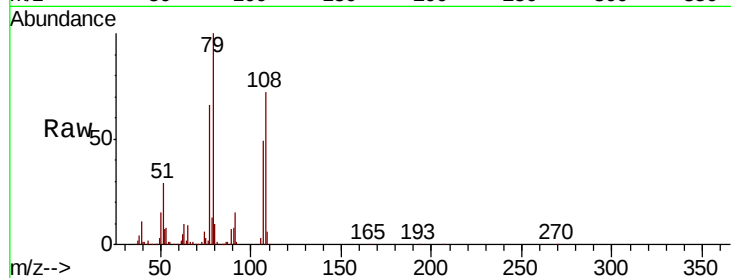
Tot Ion: 79 Resp: 181697

Ion Ratio Lower Upper

79 100

108 71.9 55.7 83.5

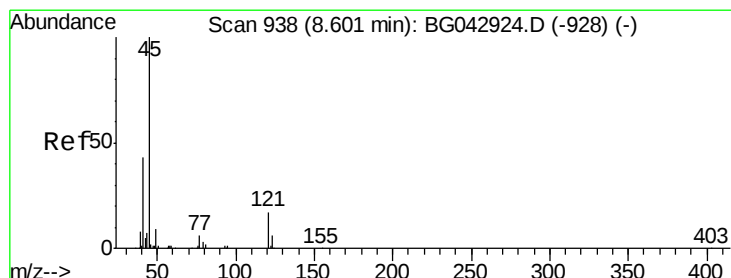
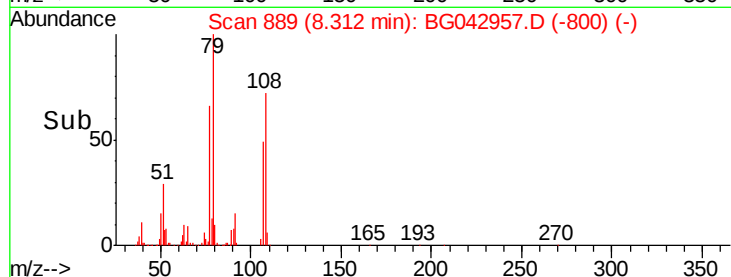
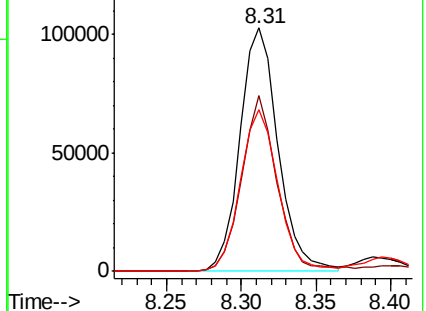
77 66.4 53.3 79.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.424 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

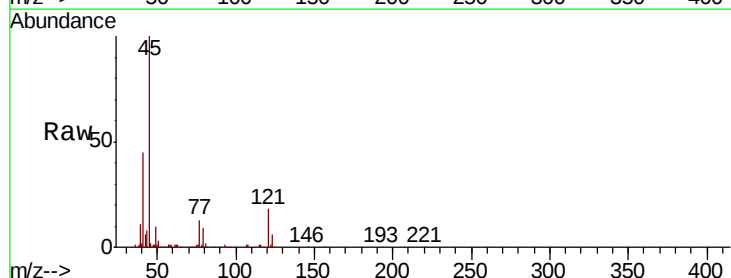
Tgt Ion: 45 Resp: 269471

Ion Ratio Lower Upper

45 100

77 13.0 0.0 32.8

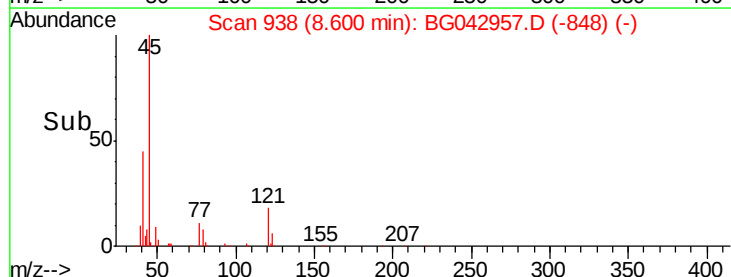
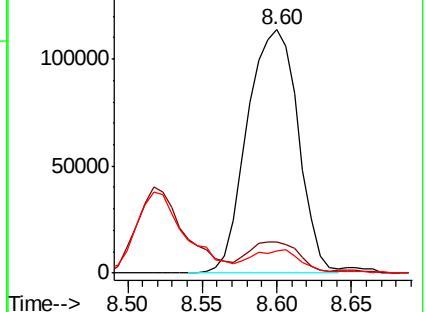
79 9.1 0.0 29.4

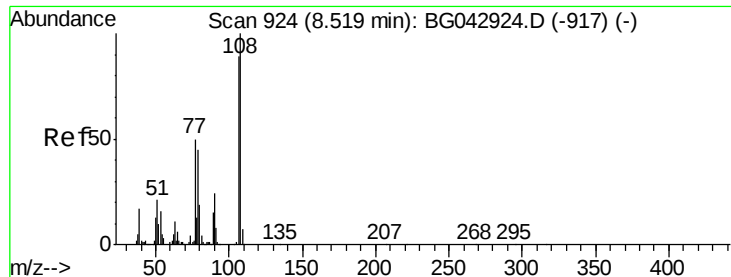


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 47.372 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 156446

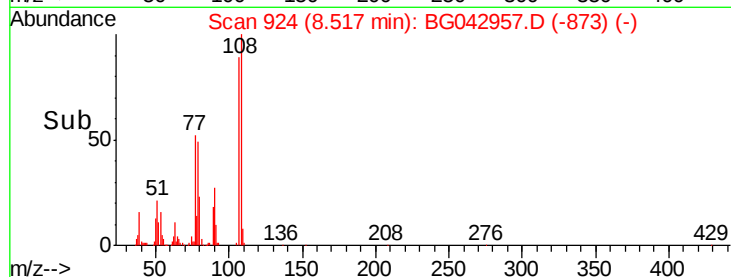
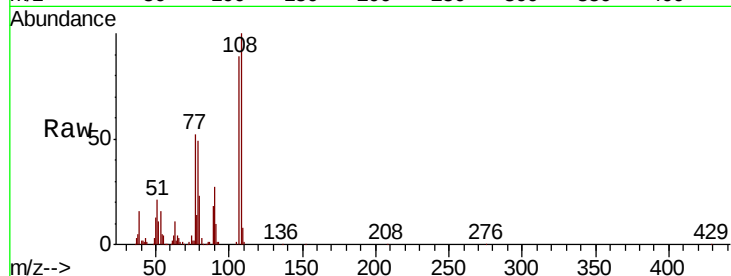
Ion Ratio Lower Upper

107 100

108 111.9 89.9 134.9

77 58.3 45.4 68.2

79 54.9 41.4 62.0

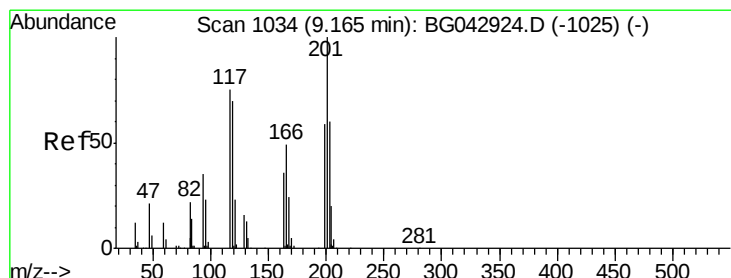
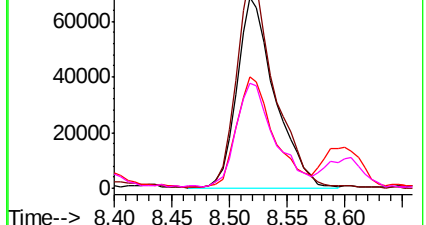


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.148 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

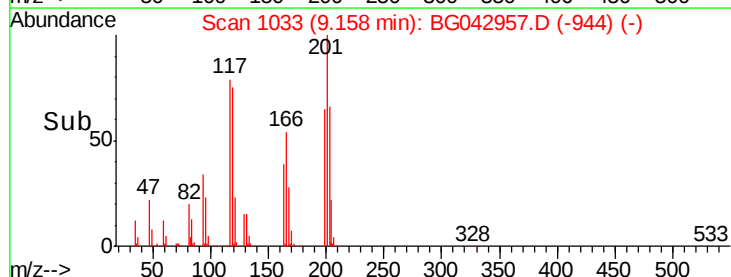
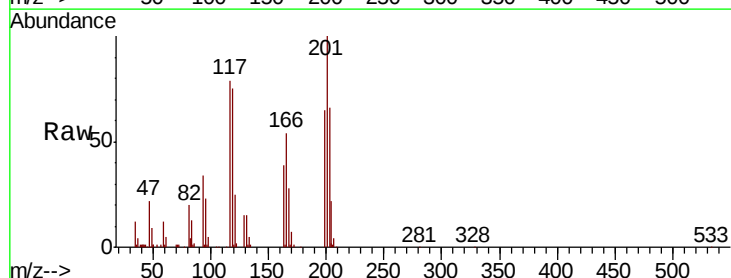
Tgt Ion:117 Resp: 69851

Ion Ratio Lower Upper

117 100

119 94.7 74.6 111.8

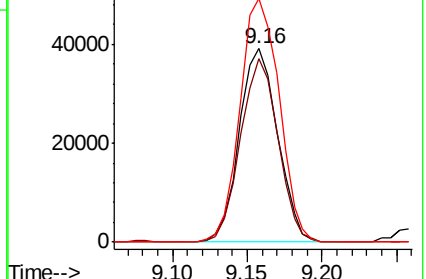
201 126.0 106.0 159.0

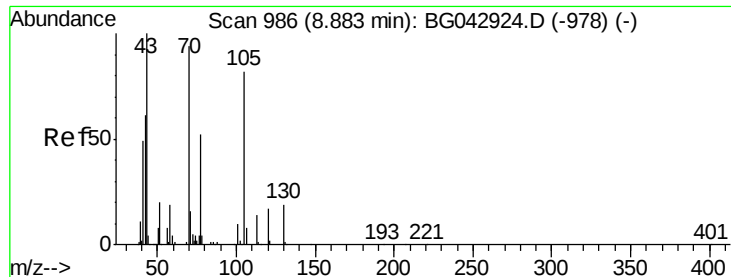


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

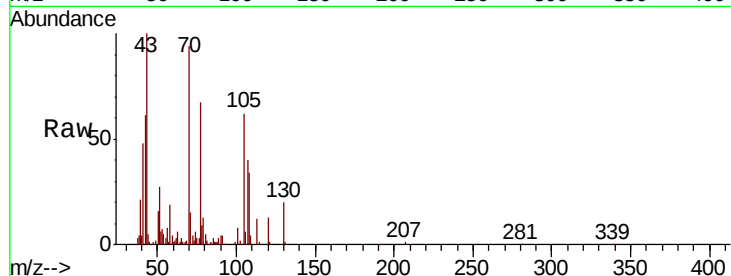




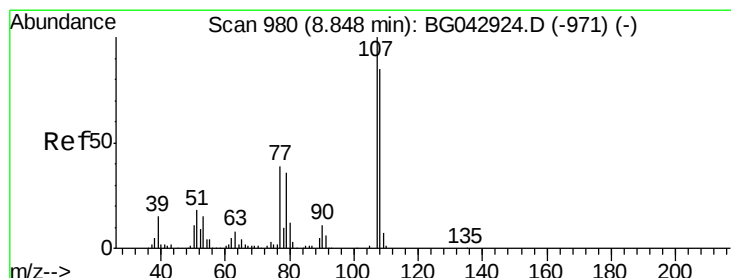
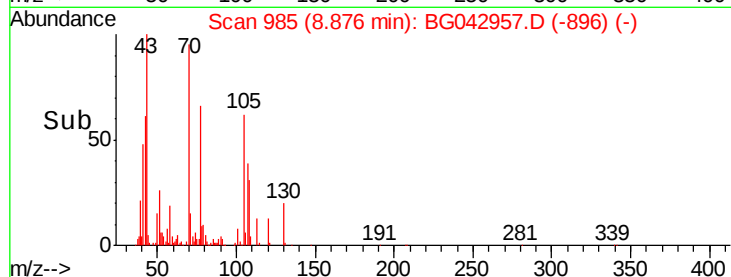
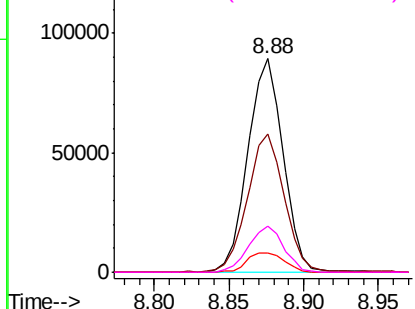
#19
n-Nitroso-di-n-propylamine
Concen: 43.072 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 145493
Ion Ratio Lower Upper
70 100
42 65.0 52.6 79.0
101 8.8 8.7 13.1
130 21.4 15.8 23.8



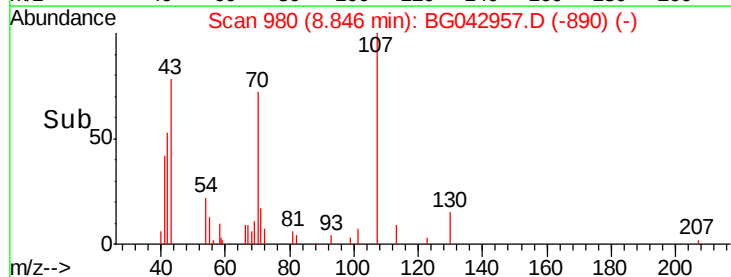
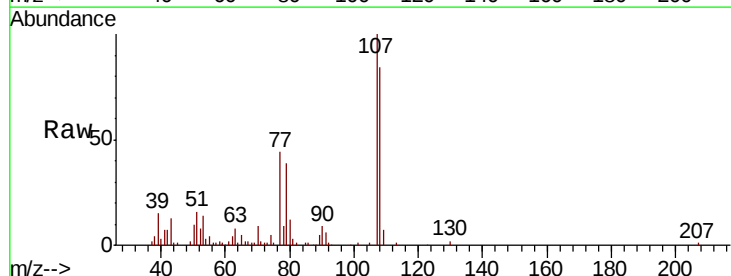
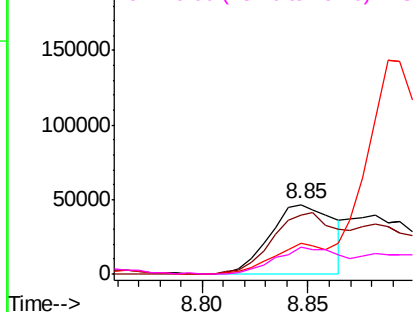
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 21.283 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion:107 Resp: 96320
Ion Ratio Lower Upper
107 100
108 84.3 64.9 104.9
77 43.8 19.4 59.4
79 38.5 16.2 56.2

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

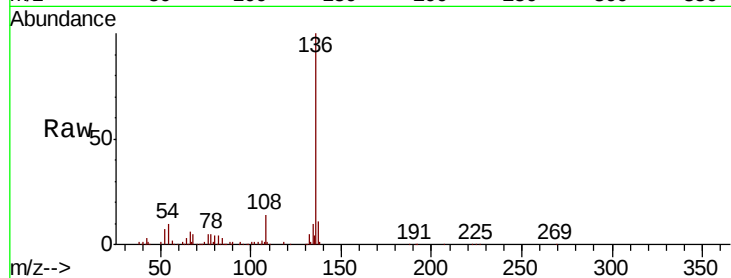




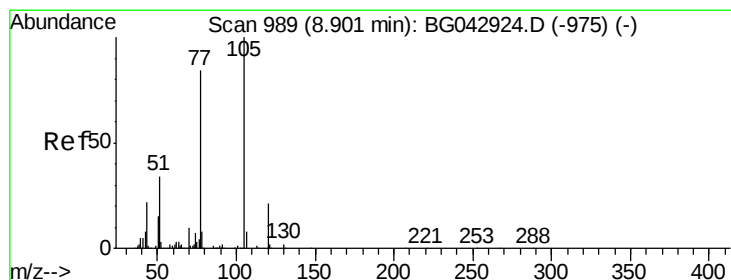
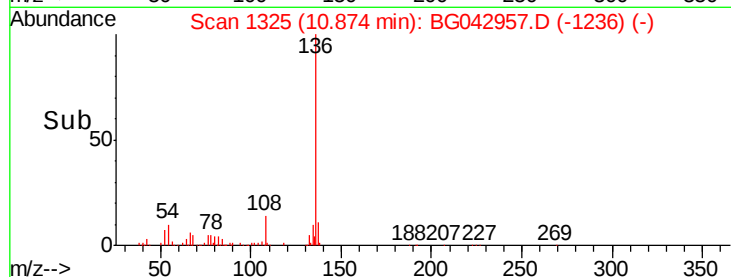
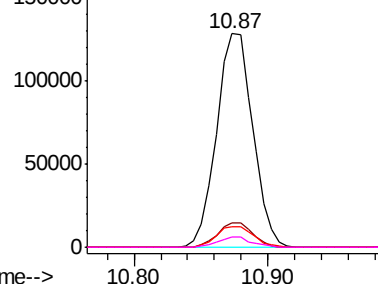
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 240227
Ion Ratio	Lower Upper
136 100	
137 11.2	8.5 12.7
54 9.8	7.4 11.2
68 5.0	3.6 5.4

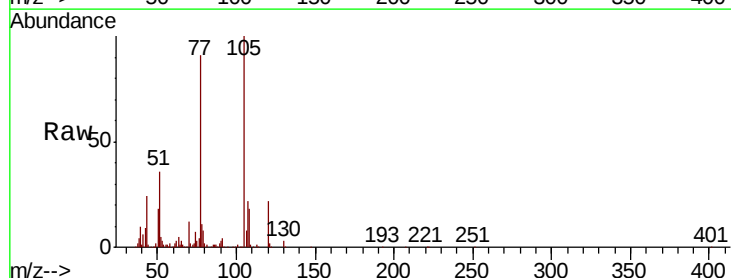


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

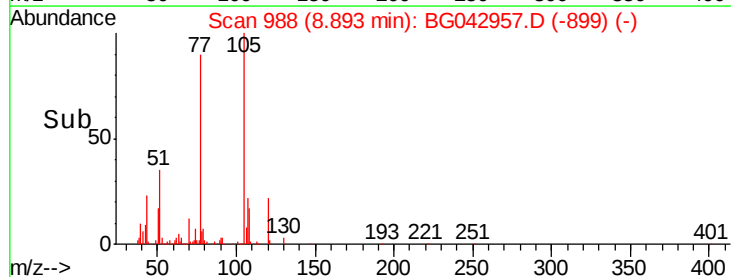
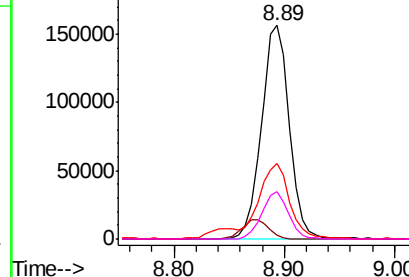


#22
Acetophenone
Concen: 44.563 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt	Ion:105	Resp:	275947
Ion	Ratio	Lower	Upper
105	100		
71	1.5	1.2	1.8
51	35.6	27.2	40.8
120	22.4	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
250000
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

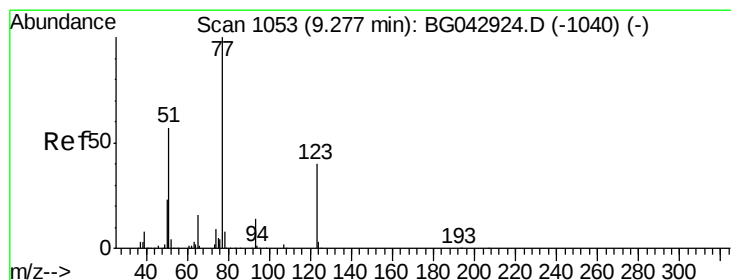
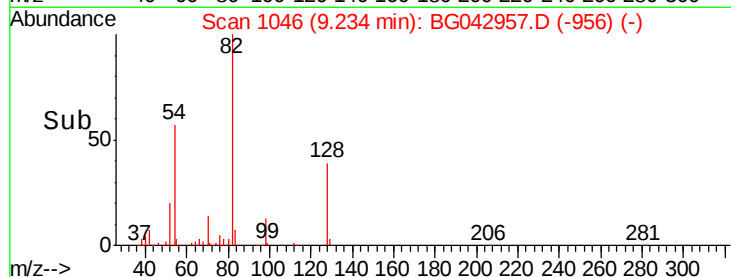
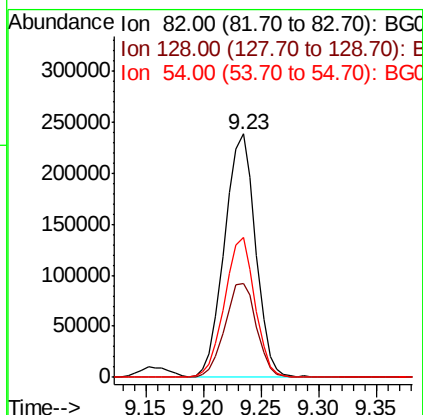
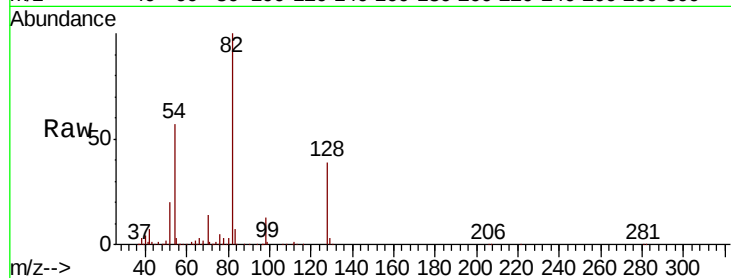




#23
 Nitrobenzene-d5
 Concen: 89.906 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

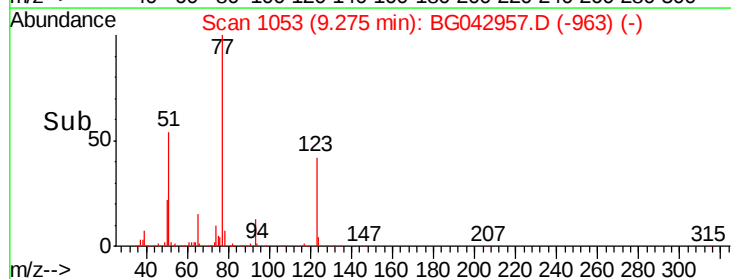
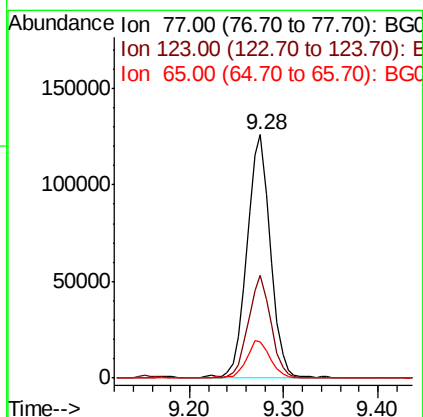
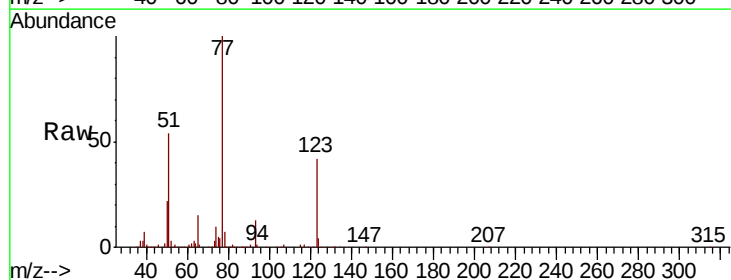
Instrument :
 BNA_G
 ClientSampleId :

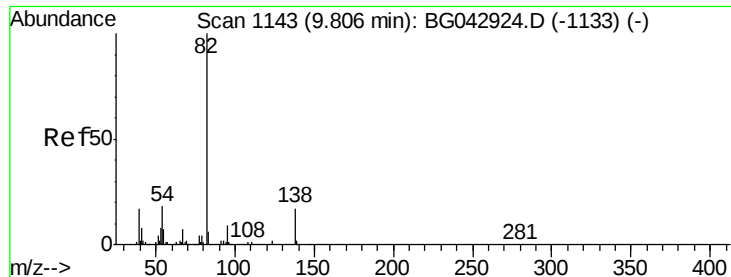
Tot Ion	82	Resp	444353
Ion Ratio	Lower	Upper	
82	100		
128	38.7	29.5	44.3
54	57.3	44.6	67.0



#24
 Nitrobenzene
 Concen: 45.770 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Tgt Ion	77	Resp	215774
Ion Ratio	Lower	Upper	
77	100		
123	42.0	31.9	47.9
65	14.8	12.4	18.6





#25

Isophorone

Concen: 45.989 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

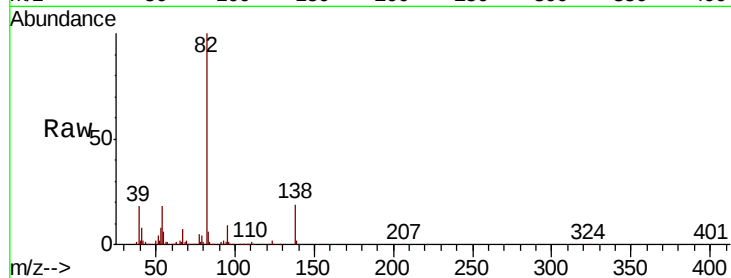
Tot Ion: 82 Resp: 399252

Ion Ratio Lower Upper

82 100

95 9.1 7.0 10.4

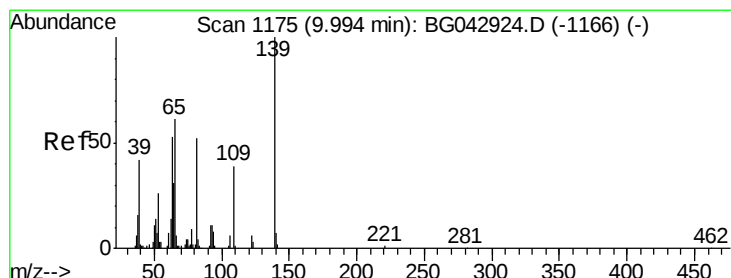
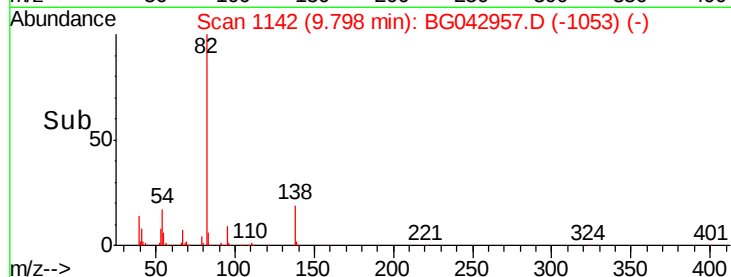
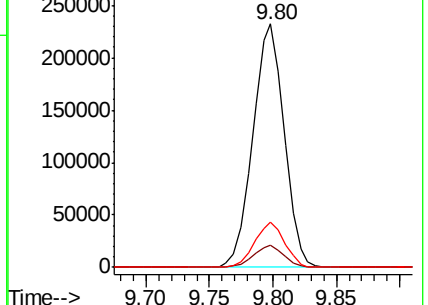
138 18.8 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BG042924.D (-1133) (-)

Ion 95.00 (94.70 to 95.70): BG042924.D (-1133) (-)

Ion 138.00 (137.70 to 138.70): BG042924.D (-1133) (-)



#26

2-Nitrophenol

Concen: 49.295 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

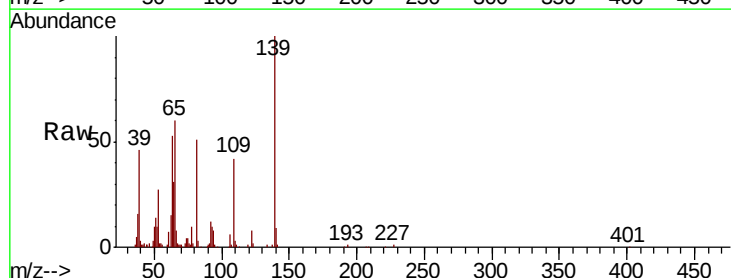
Tgt Ion: 139 Resp: 98930

Ion Ratio Lower Upper

139 100

109 41.9 31.0 46.6

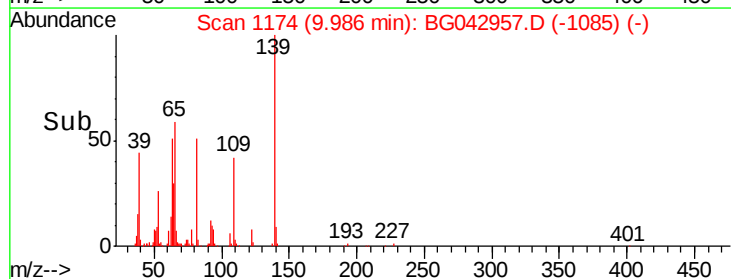
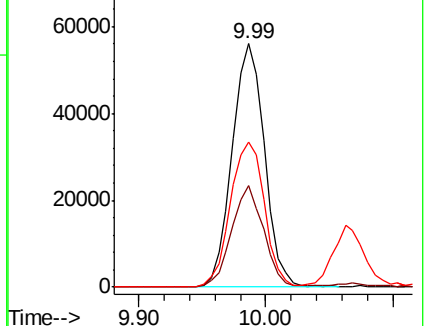
65 59.6 48.4 72.6



Abundance Ion 139.00 (138.70 to 139.70): BG042924.D (-1166) (-)

Ion 109.00 (108.70 to 109.70): BG042924.D (-1166) (-)

Ion 65.00 (64.70 to 65.70): BG042924.D (-1166) (-)

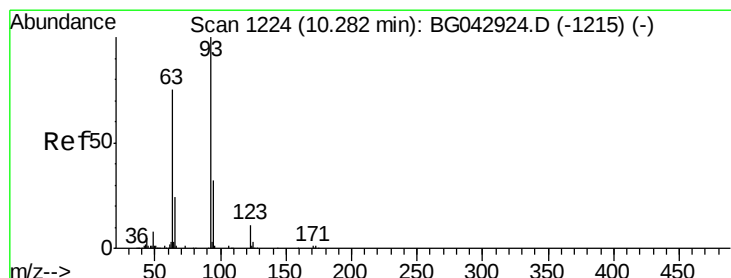
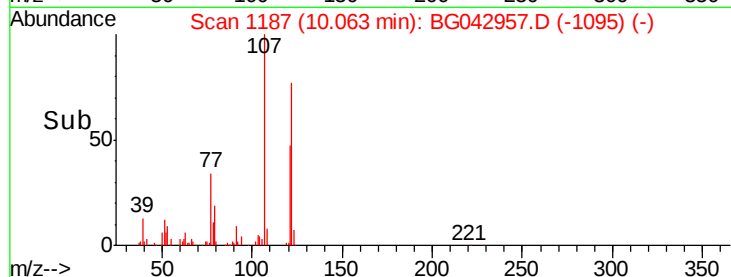
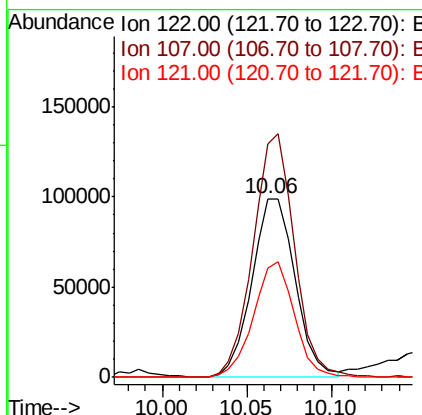
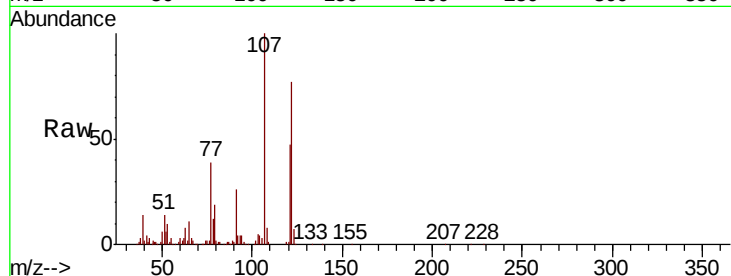




#27
2,4-Dimethylphenol
Concen: 57.138 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

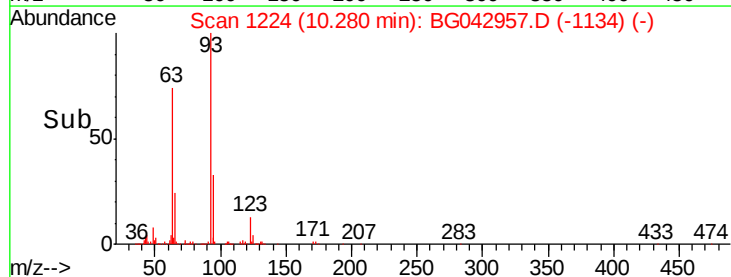
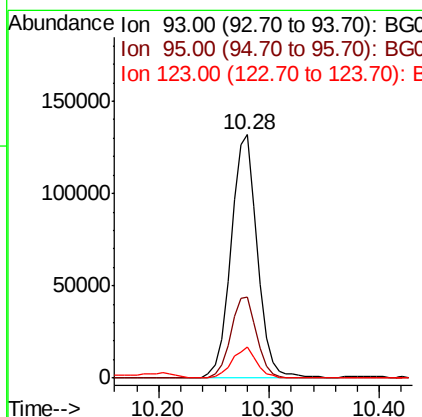
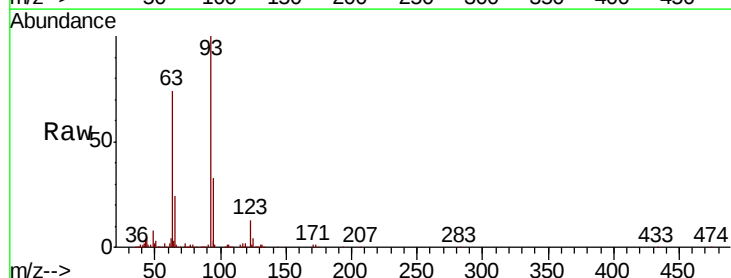
Instrument :
BNA_G
ClientSampleId :

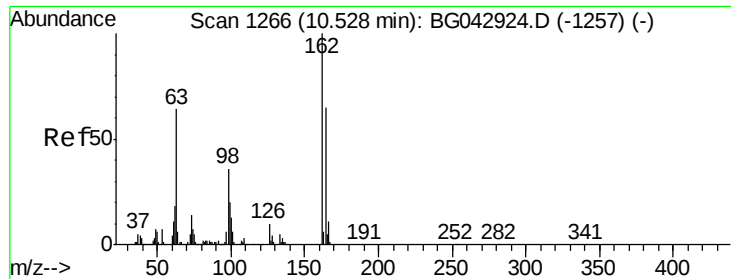
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.5	102.2	153.2
121	61.3	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 44.808 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.4	38.0
123	12.8	9.3	13.9

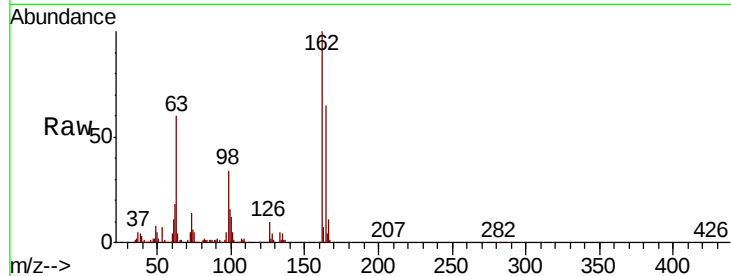




#29
 2,4-Dichlorophenol
 Concen: 52.854 ng
 RT: 10.54 min Scan# 1269
 Delta R.T. 0.02 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.7	84.7
98	34.1	16.0	56.0

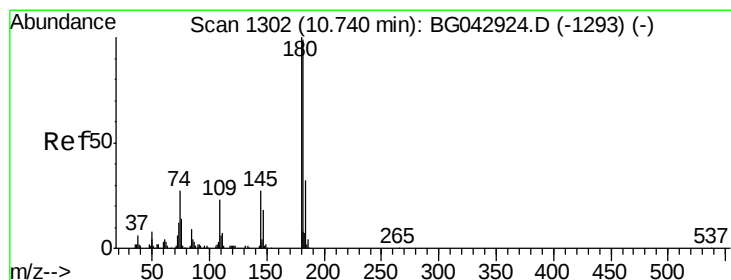
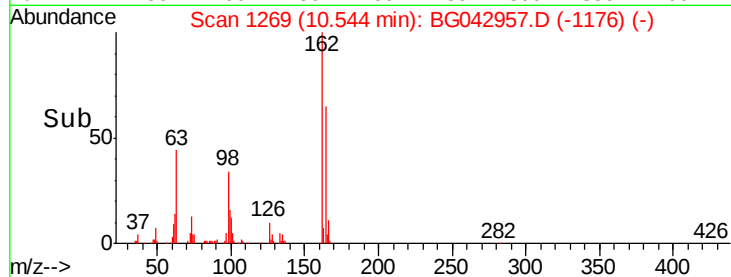
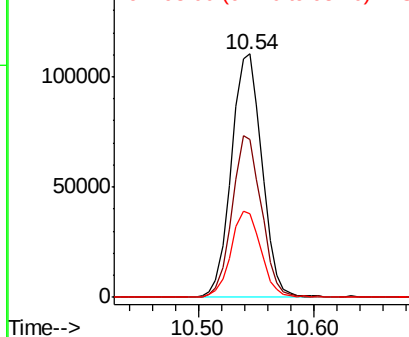


Abundance

Ion 162.00 (161.70 to 162.70): E

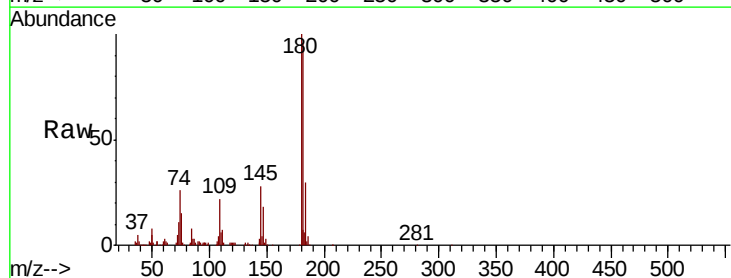
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 43.459 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	79.3	118.9
145	28.2	22.0	33.0

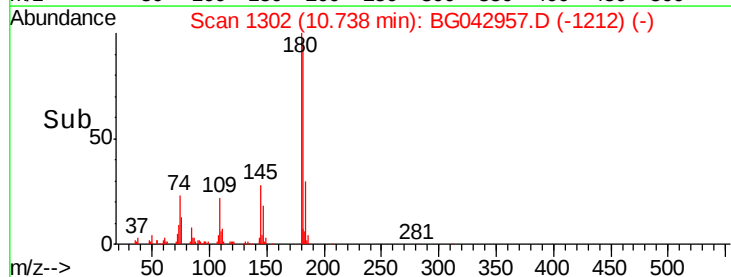
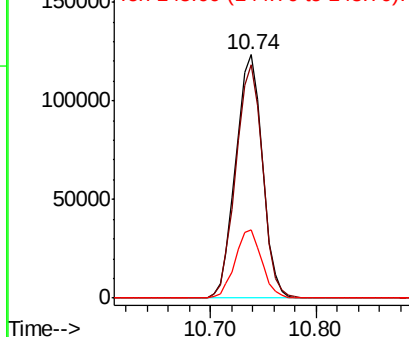


Abundance

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

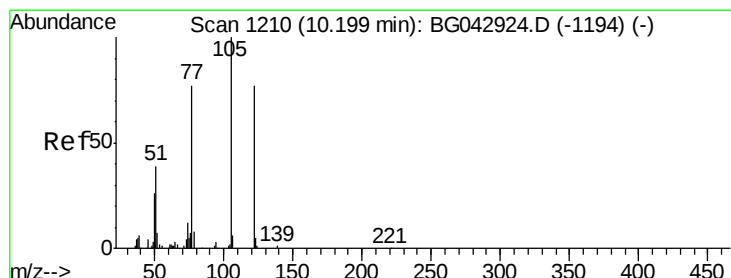
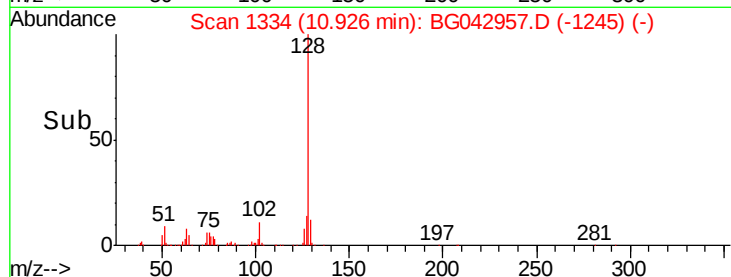
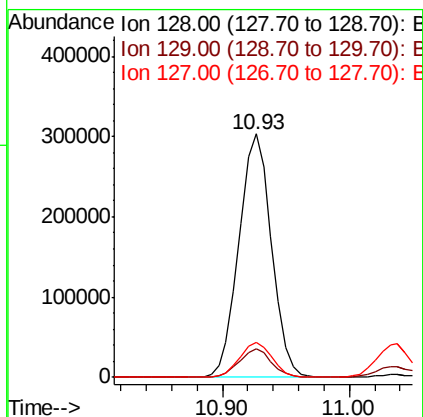
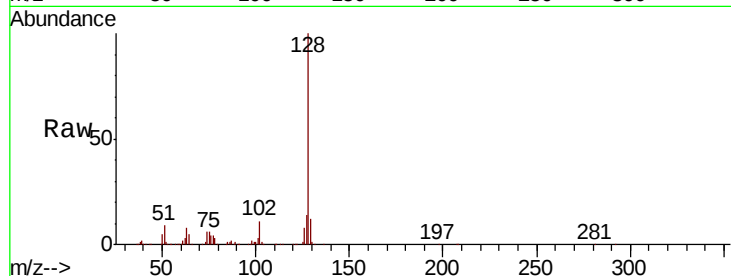




#31
Naphthalene
Concen: 45.641 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

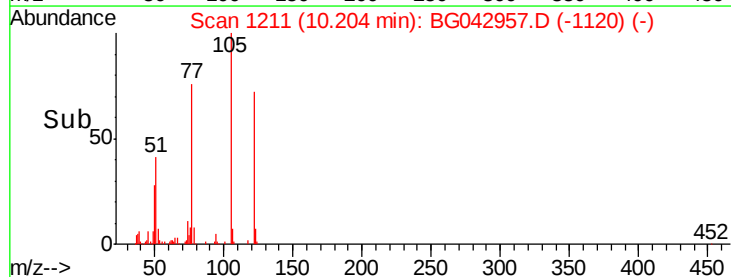
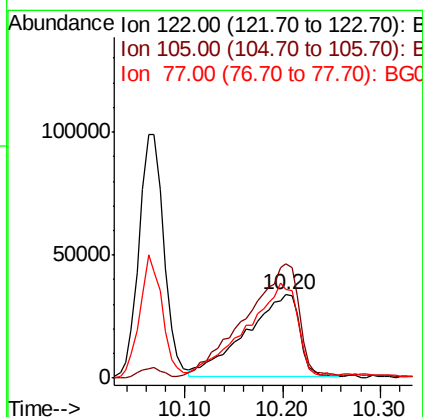
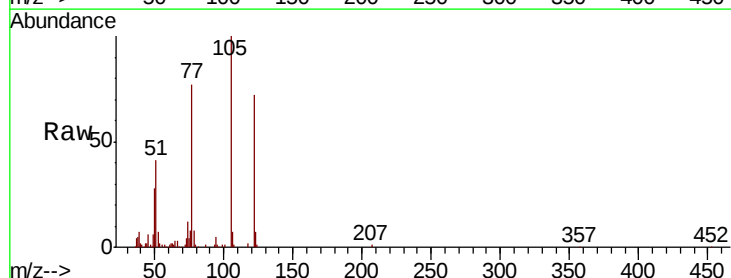
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.2	11.3	16.9



#32
Benzoic acid
Concen: 52.163 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.5	107.5	147.5
77	106.5	79.8	119.8

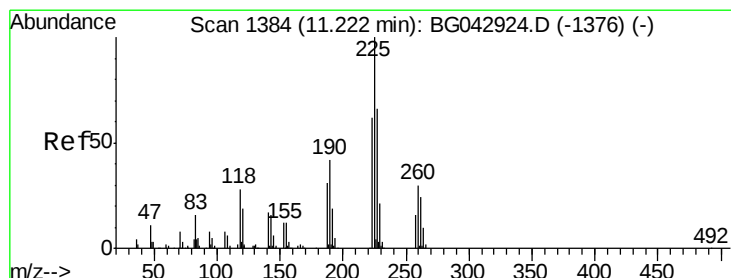
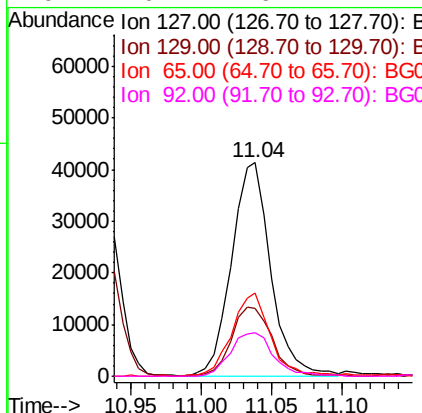
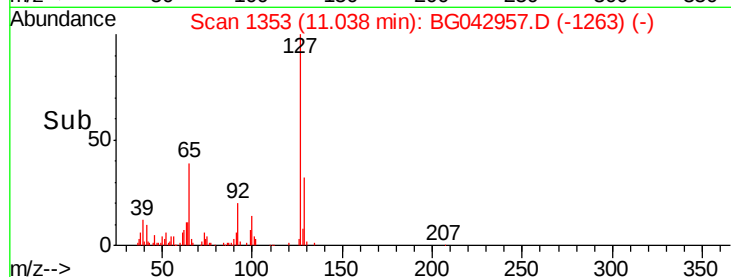
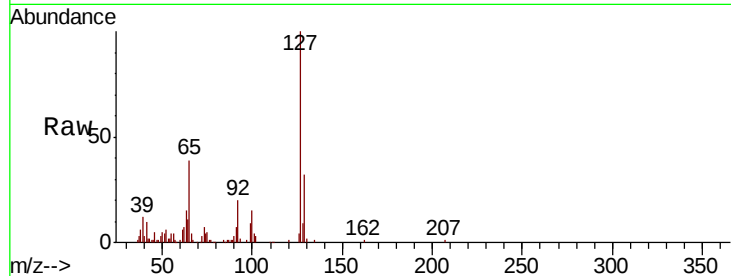




#33
4-Chloroaniline
Concen: 15.612 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

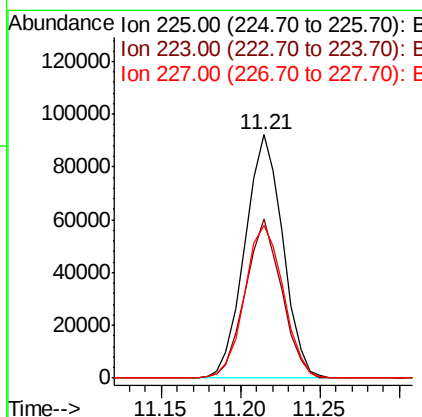
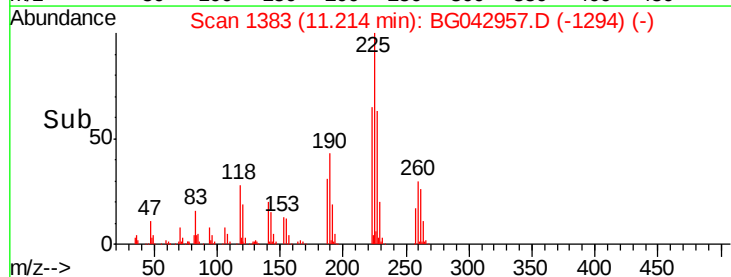
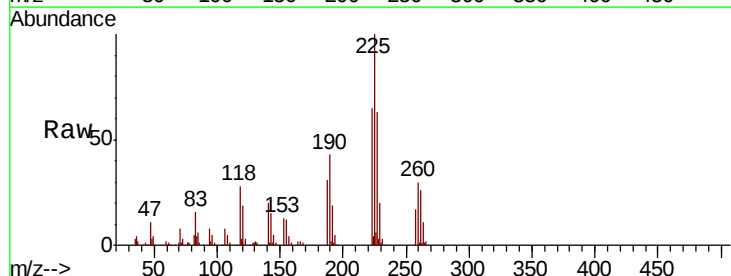
Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	80113
Ion Ratio	Lower	Upper
127	100	
129	31.6	26.2 39.2
65	39.3	30.6 45.8
92	20.2	16.2 24.4



#34
Hexachlorobutadiene
Concen: 41.407 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion:225	Resp:	153467
Ion Ratio	Lower	Upper
225	100	
223	65.2	49.3 73.9
227	62.6	52.8 79.2





#35

Caprolactam

Concen: 27.863 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

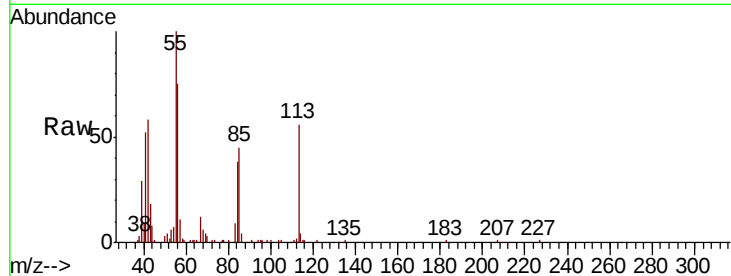
Tot Ion:113 Resp: 37663

Ion Ratio Lower Upper

113 100

55 179.5 175.5 215.5

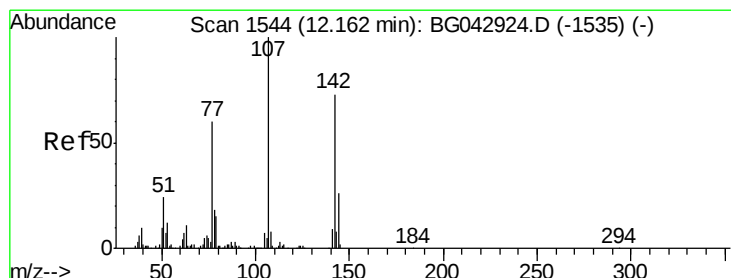
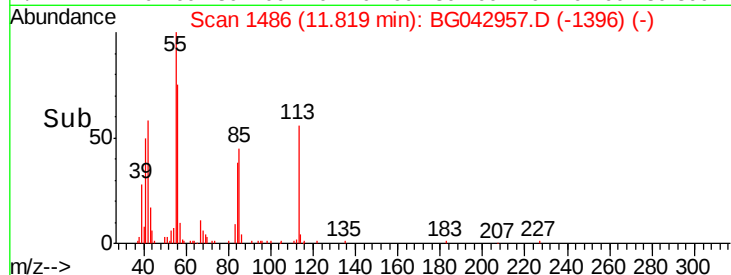
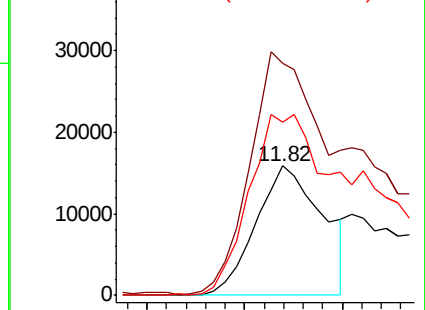
56 134.6 142.3 182.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 54.523 ng

RT: 12.16 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

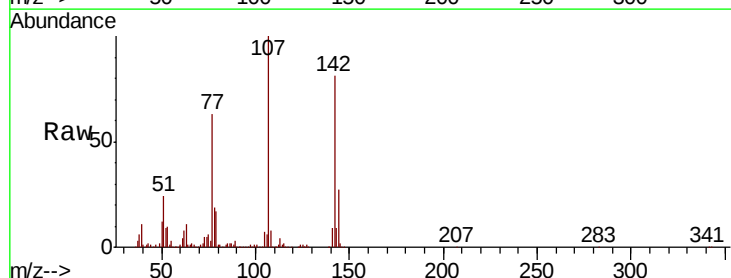
Tgt Ion:107 Resp: 227233

Ion Ratio Lower Upper

107 100

144 27.1 20.7 31.1

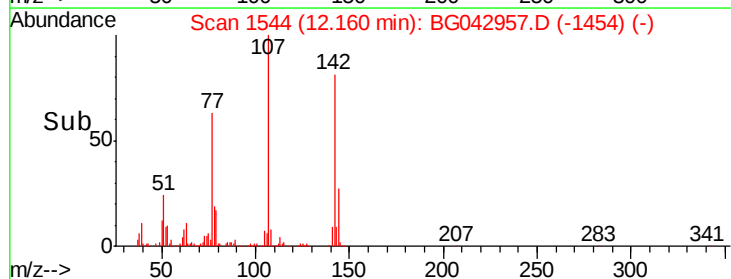
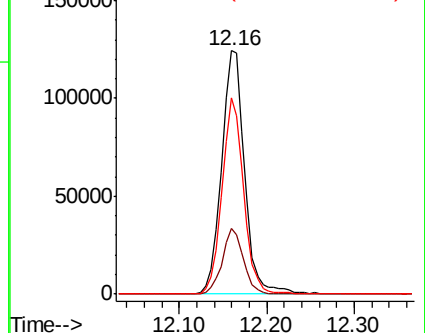
142 80.8 58.6 87.8

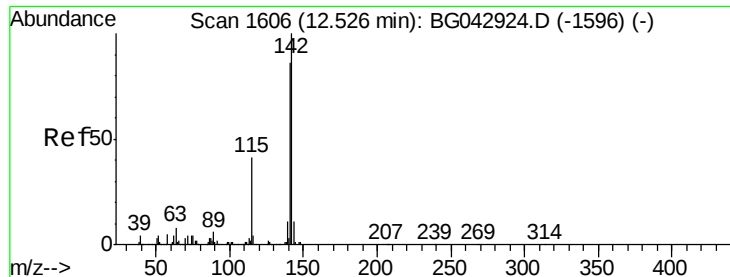


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

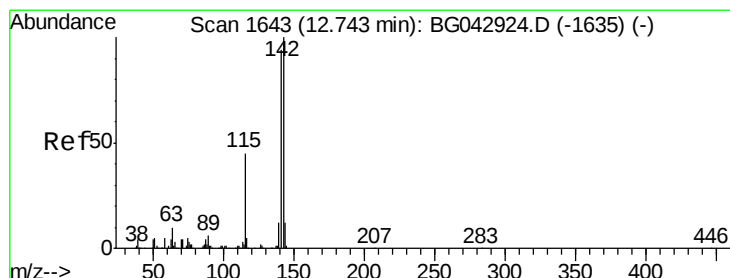
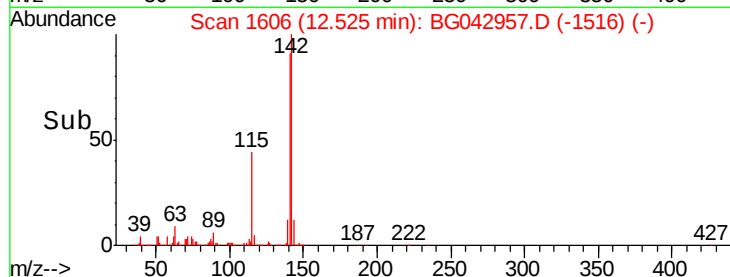
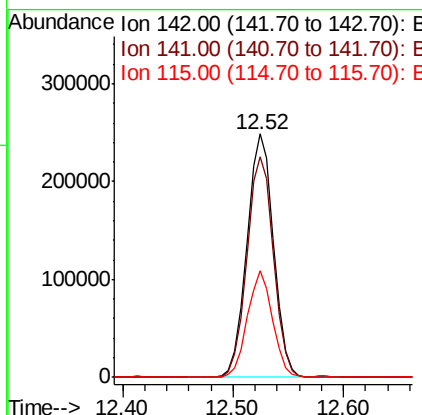
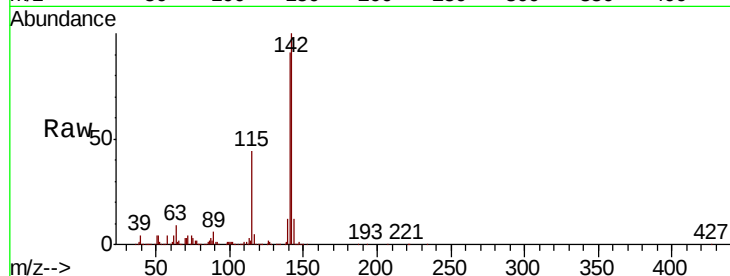




#37
 2-Methylnaphthalene
 Concen: 46.373 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

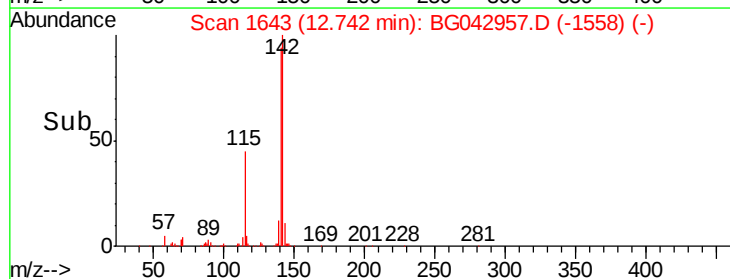
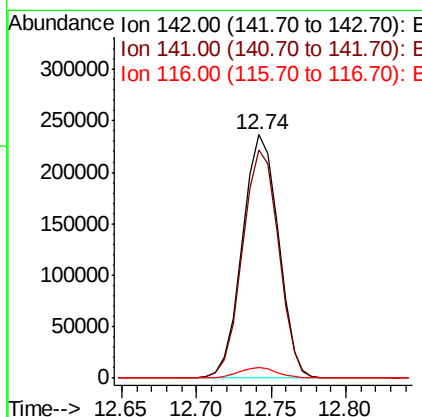
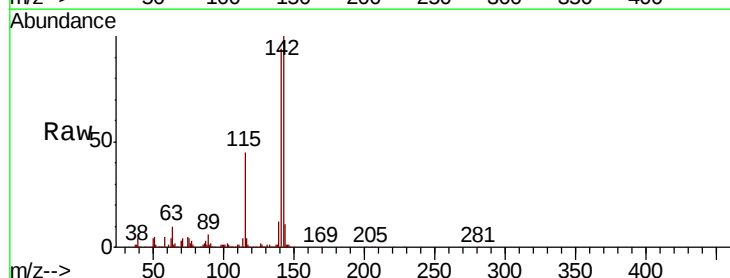
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	69.0	103.4
115	43.8	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 46.341 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.9	112.3
116	4.5	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: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

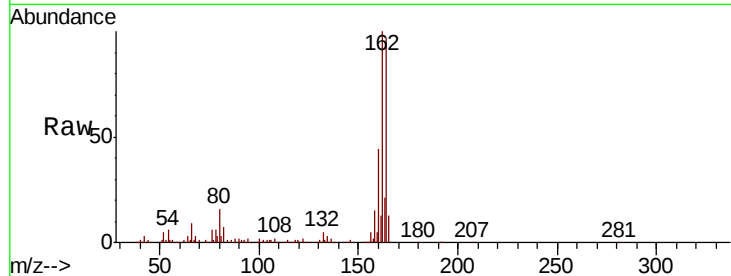
Tot Ion:164 Resp: 180014

Ion Ratio Lower Upper

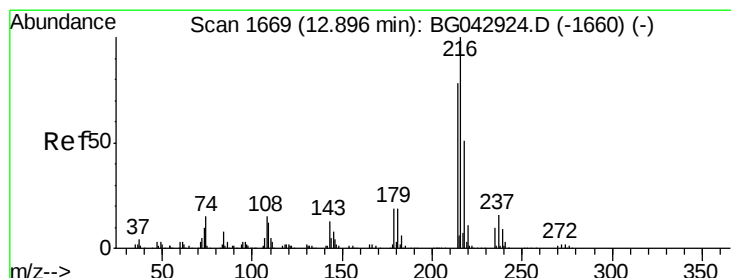
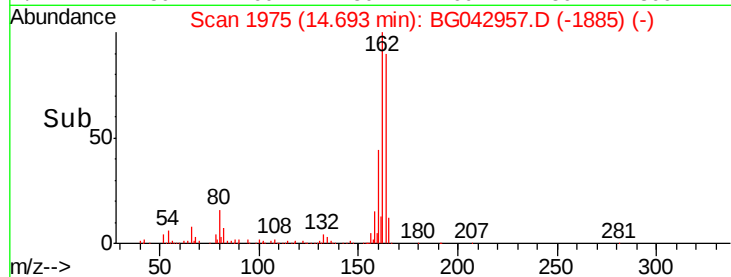
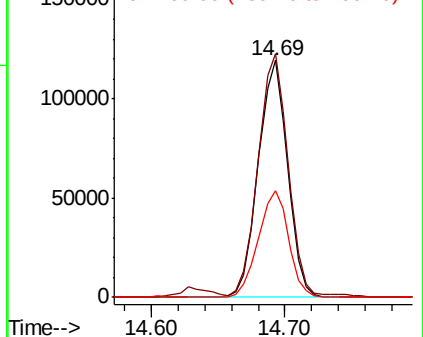
164 100

162 102.8 78.5 117.7

160 45.0 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: 41.225 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Tgt Ion:216 Resp: 279028

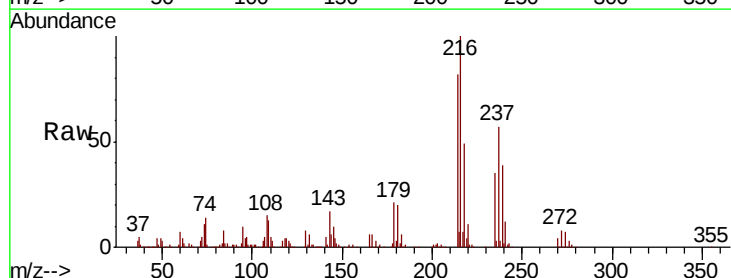
Ion Ratio Lower Upper

216 100

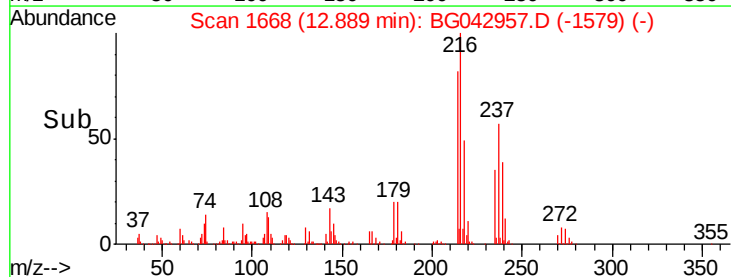
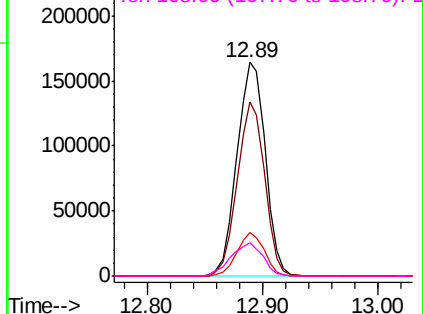
214 78.8 62.4 93.6

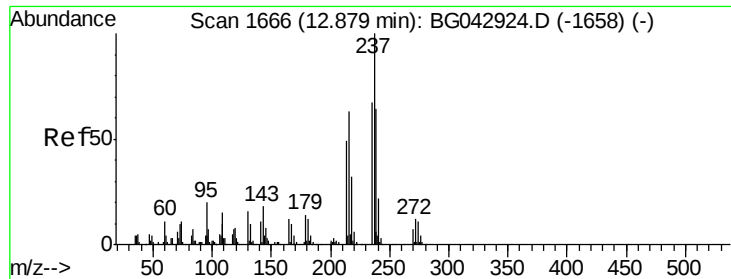
179 19.5 15.4 23.2

108 17.4 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: 88.822 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

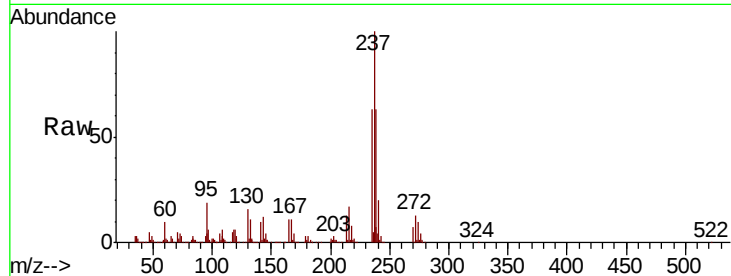
Tot Ion:237 Resp: 383045

Ion Ratio Lower Upper

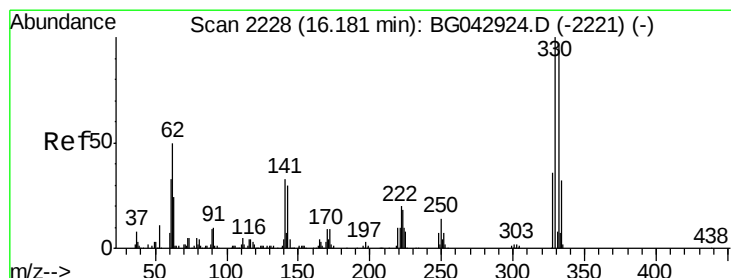
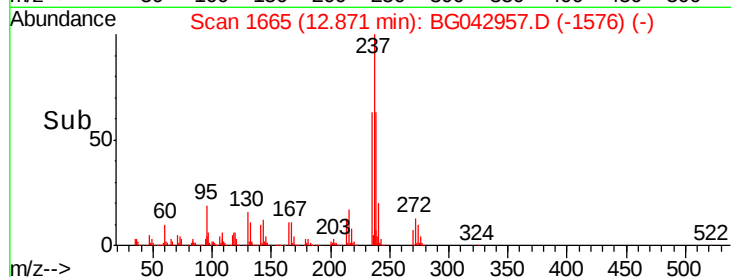
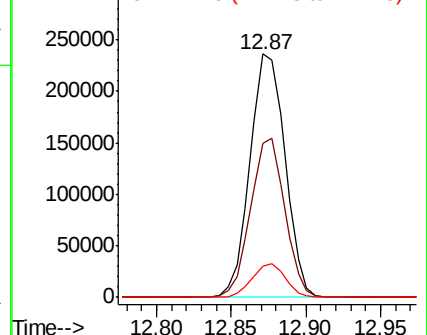
237 100

235 63.5 46.7 86.7

272 12.7 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: 143.839 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

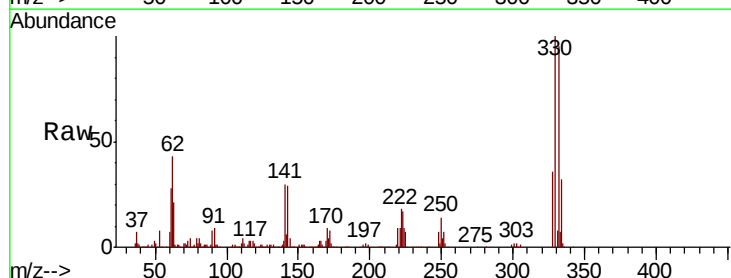
Tgt Ion:330 Resp: 445247

Ion Ratio Lower Upper

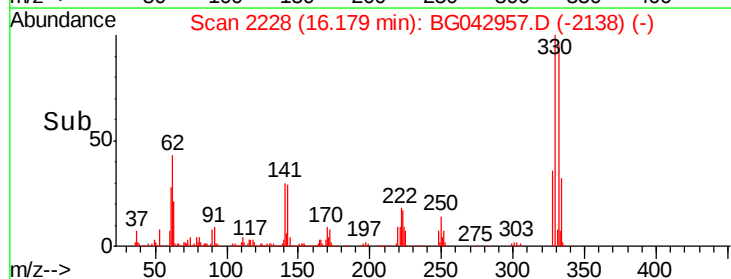
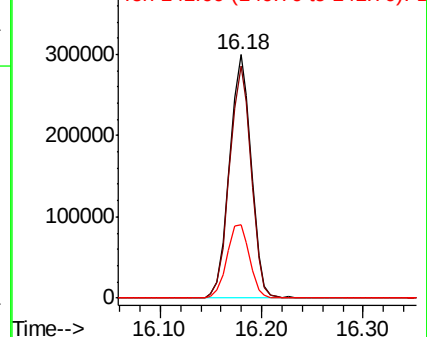
330 100

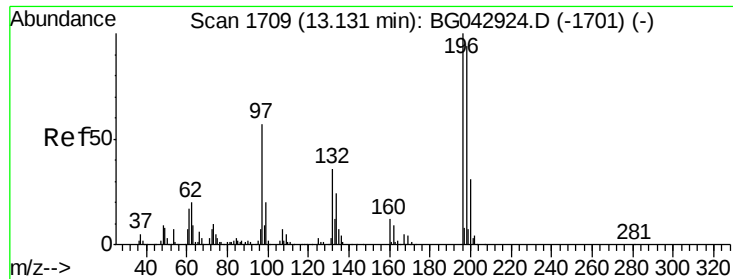
332 95.2 78.2 117.2

141 31.4 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

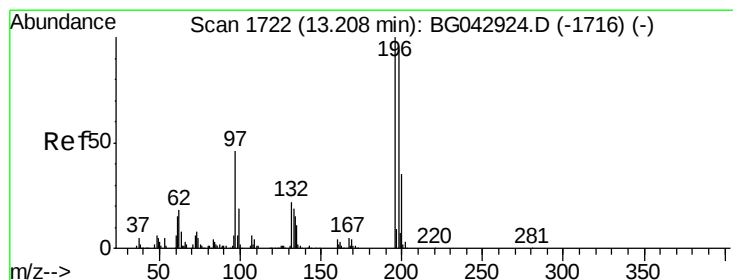
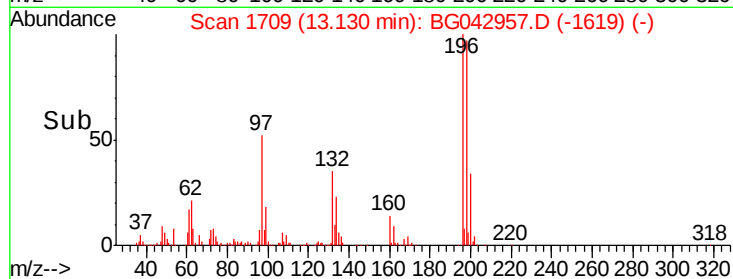
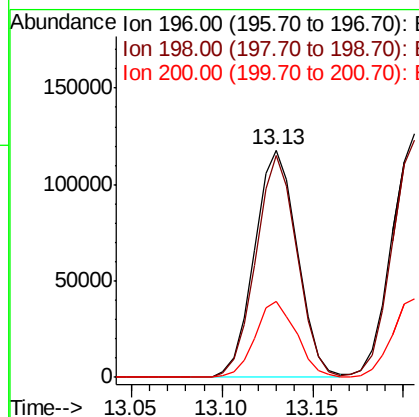
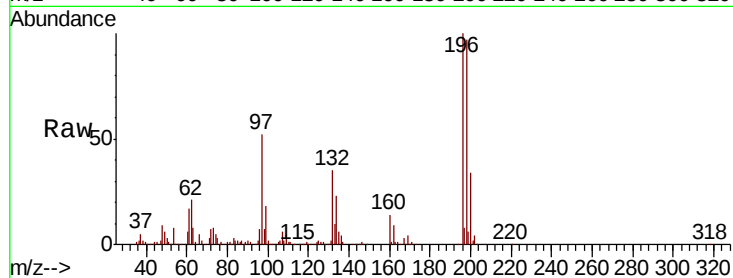




#43
 2,4,6-Trichlorophenol
 Concen: 48.721 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

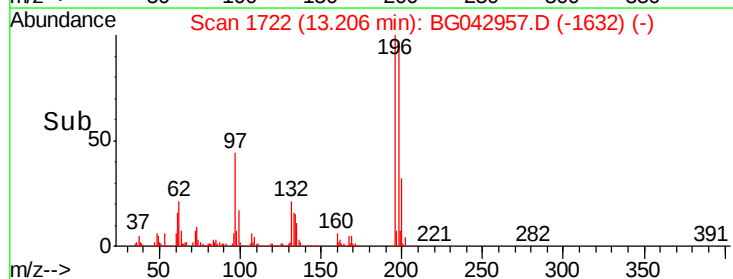
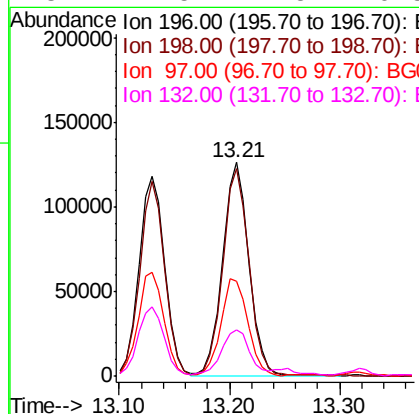
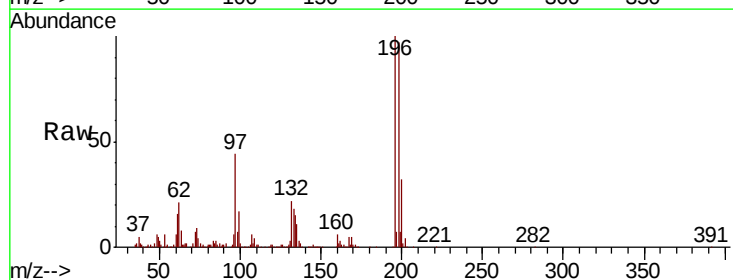
Instrument :
 BNA_G
 ClientSampleId :

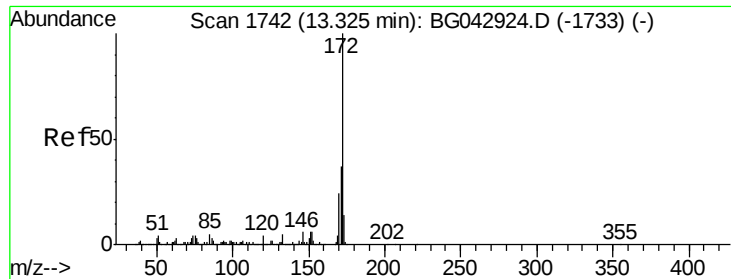
Tot Ion:196 Resp: 193010
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.5 113.3
 200 33.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 51.372 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Tgt Ion:196 Resp: 209651
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.1 112.7
 97 44.4 37.0 55.4
 132 21.5 17.5 26.3



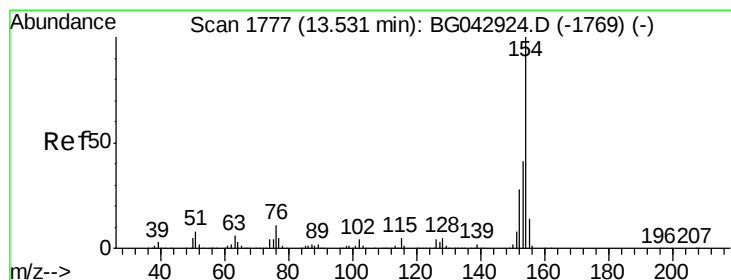
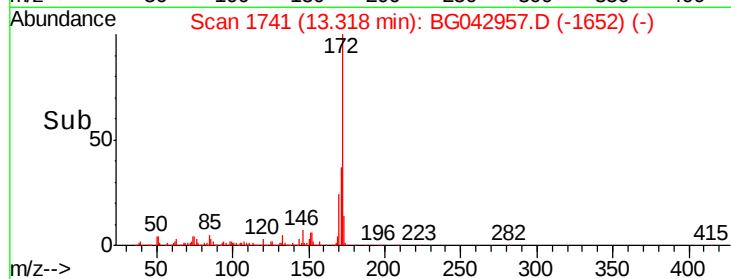
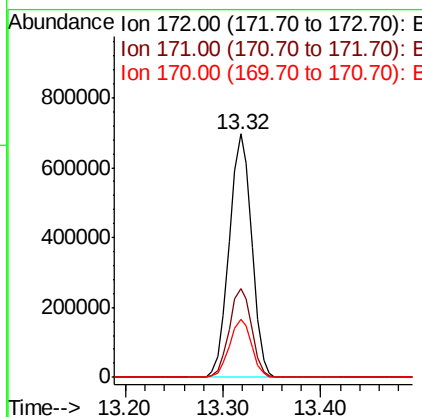
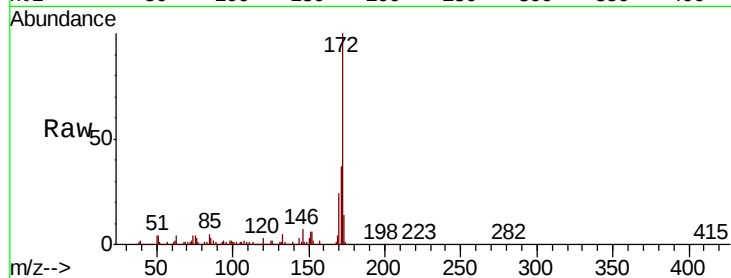


#45
 2-Fluorobiphenyl
 Concen: 89.633 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1113006

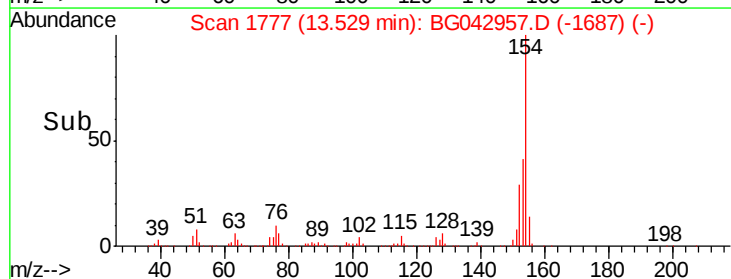
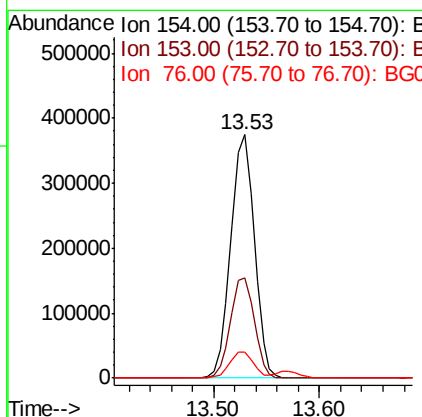
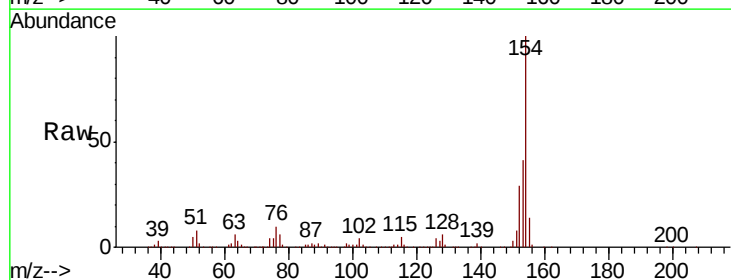
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.7	19.6	29.4

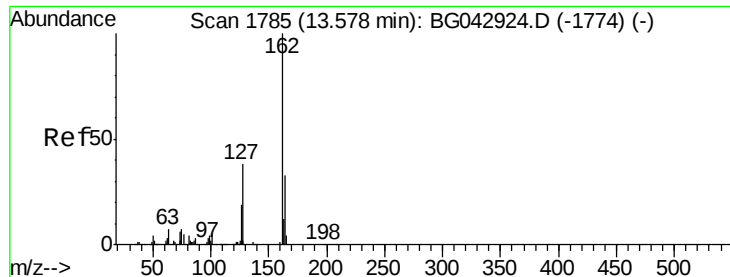


#46
 1,1'-Biphenyl
 Concen: 42.399 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Tgt Ion:154 Resp: 578806

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.4	61.4
76	10.5	0.0	31.3

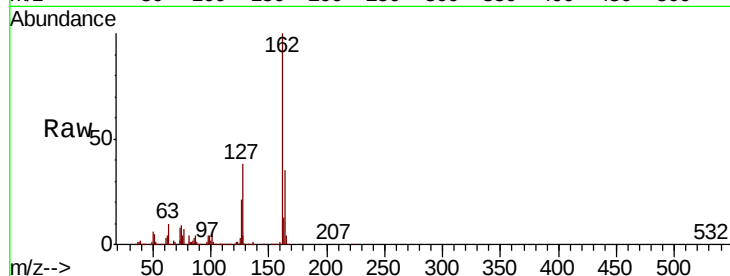




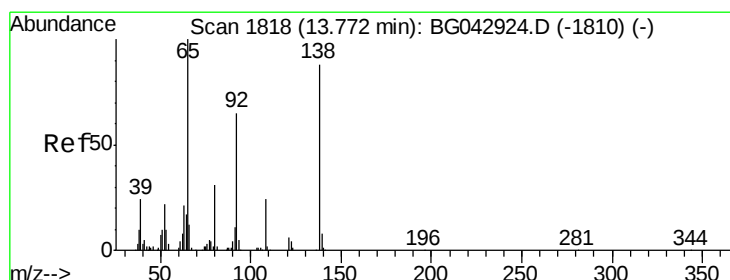
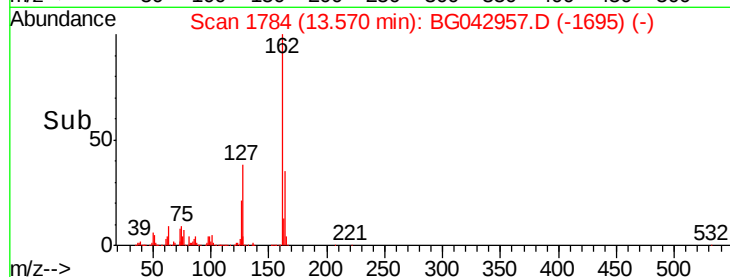
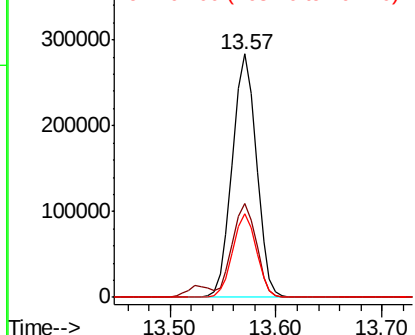
#47
2-Chloronaphthalene
Concen: 43.885 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.6
164	34.6	26.2	39.2

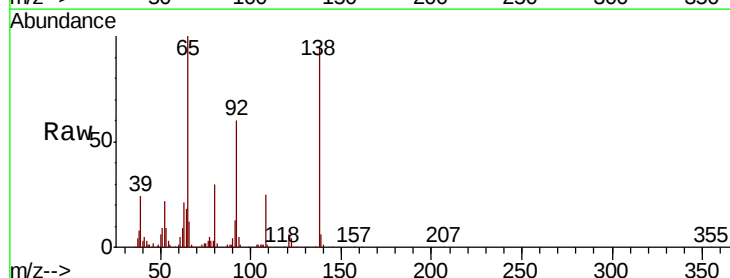


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

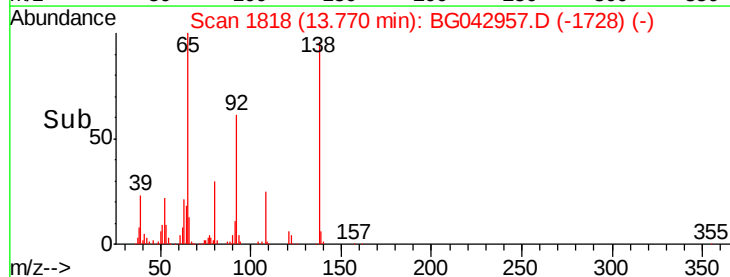
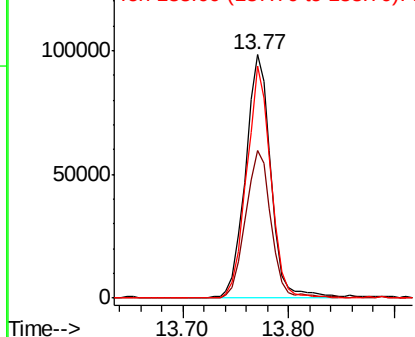


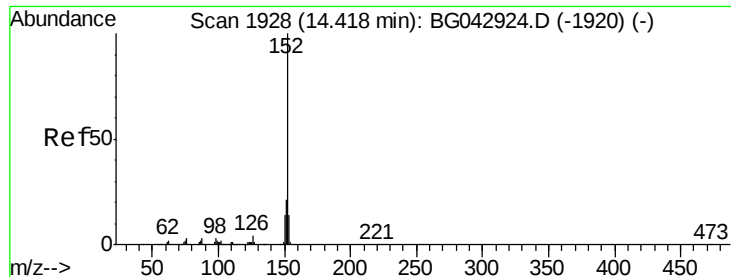
#48
2-Nitroaniline
Concen: 48.335 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.4	52.0	78.0
138	95.5	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: 46.660 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

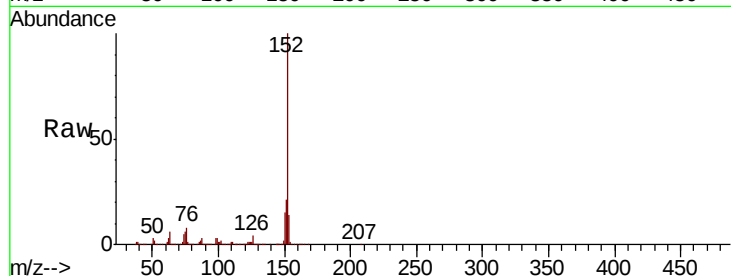
Tot Ion:152 Resp: 730745

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

153 13.7 11.3 16.9

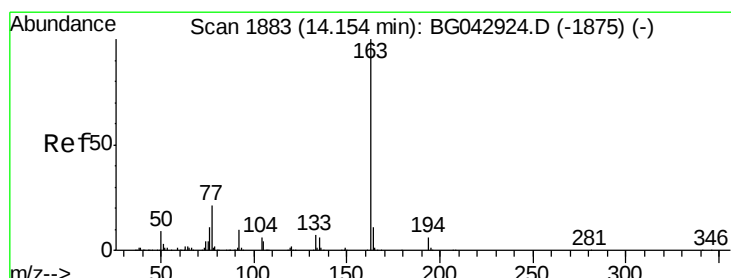
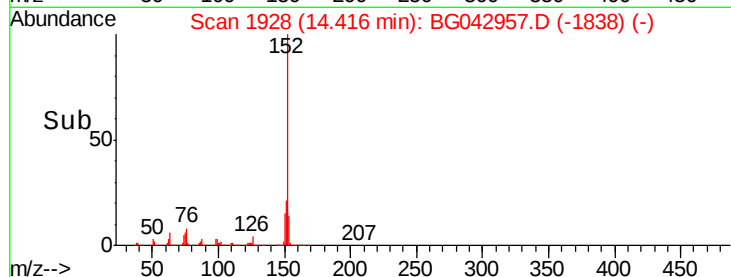
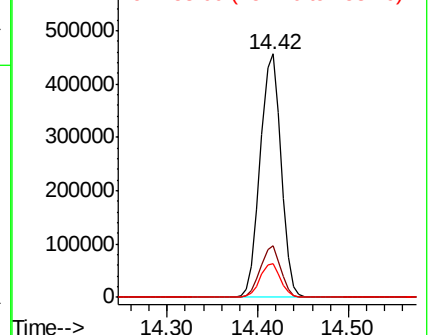


Abundance

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: 50.498 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

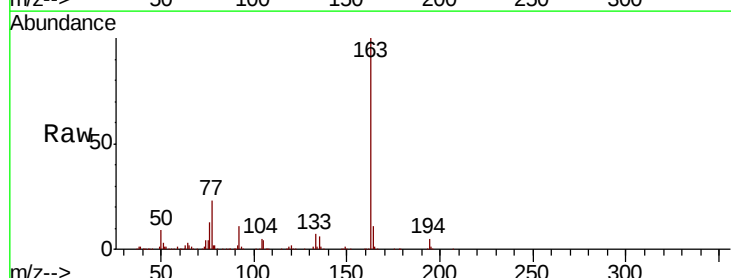
Tgt Ion:163 Resp: 681108

Ion Ratio Lower Upper

163 100

194 5.1 4.4 6.6

164 10.8 8.6 12.8

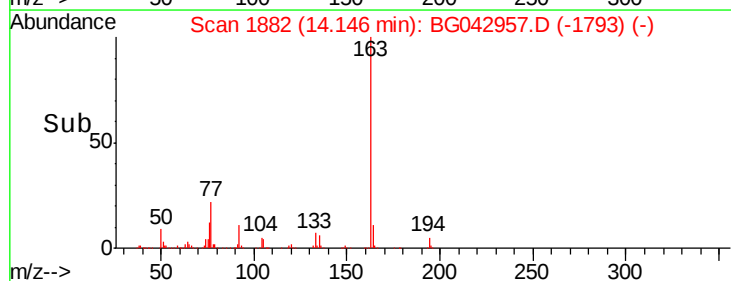
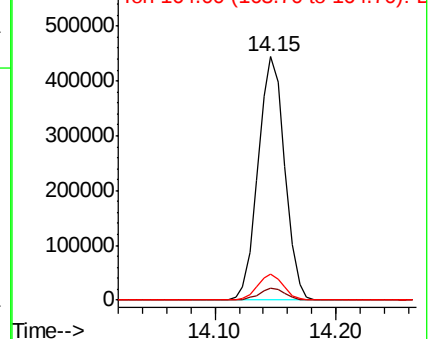


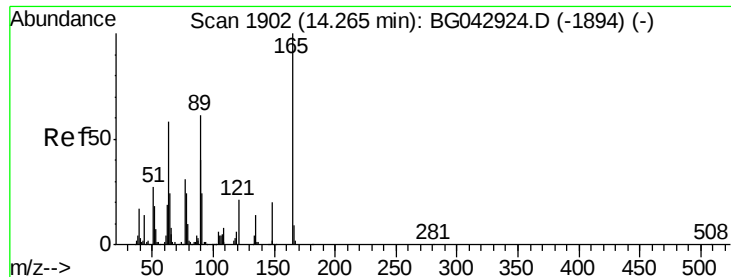
Abundance

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: 49.794 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

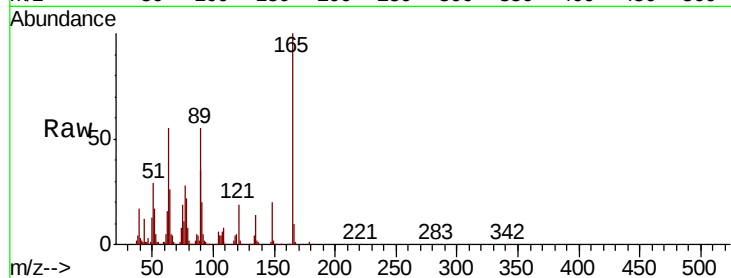
Tot Ion:165 Resp: 143025

Ion Ratio Lower Upper

165 100

63 55.4 50.3 75.5

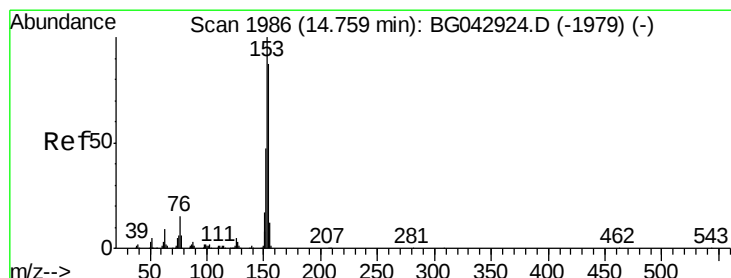
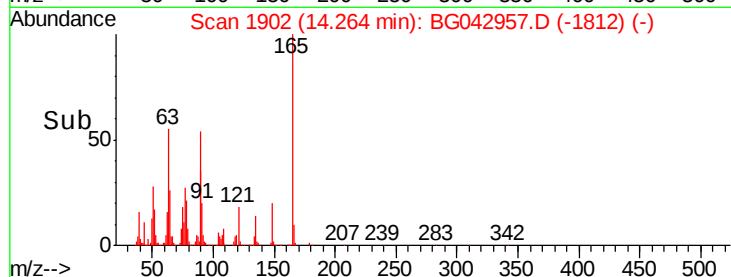
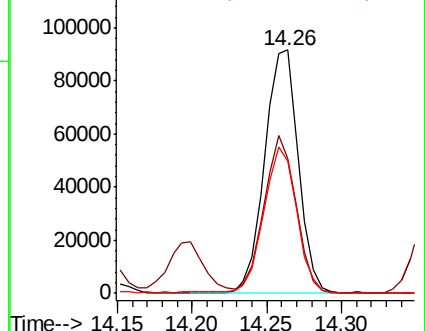
89 54.5 48.9 73.3



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: 44.254 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

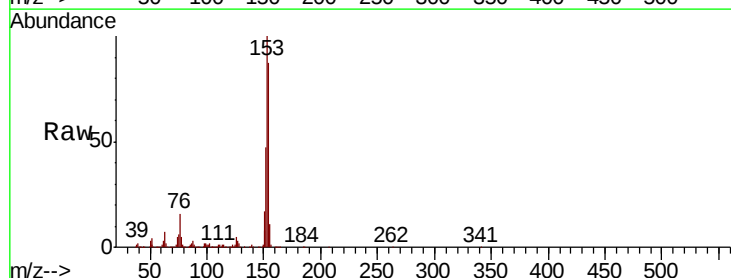
Tgt Ion:154 Resp: 463902

Ion Ratio Lower Upper

154 100

153 115.0 91.4 137.0

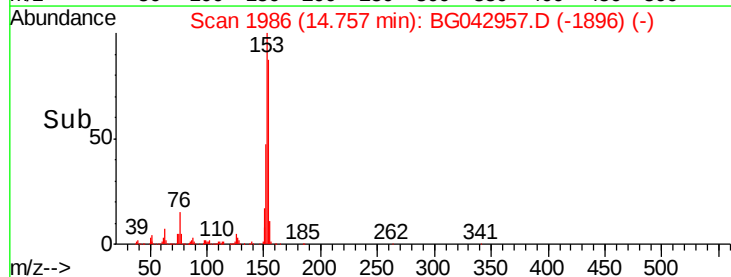
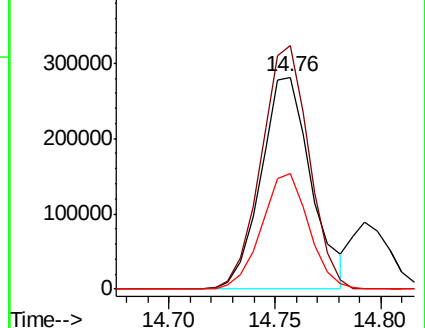
152 54.6 42.8 64.2



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: 22.139 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

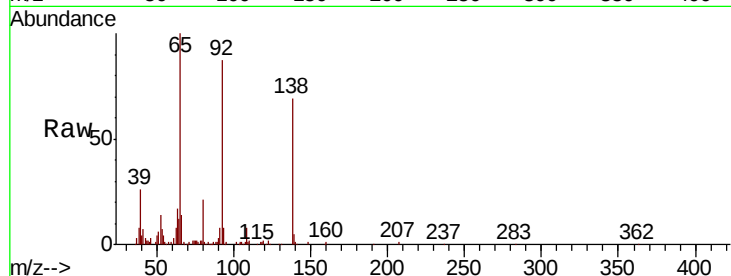
Tot Ion:138 Resp: 65717

Ion Ratio Lower Upper

138 100

108 12.0 7.9 11.9#

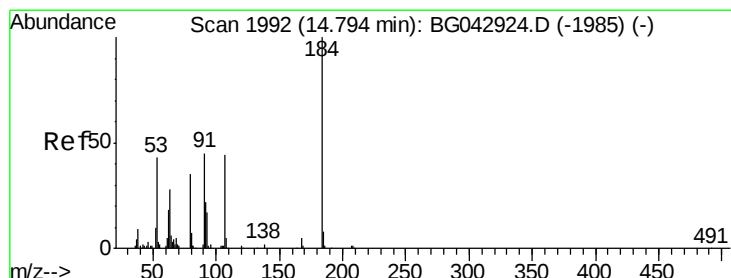
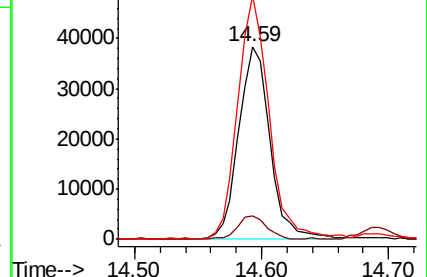
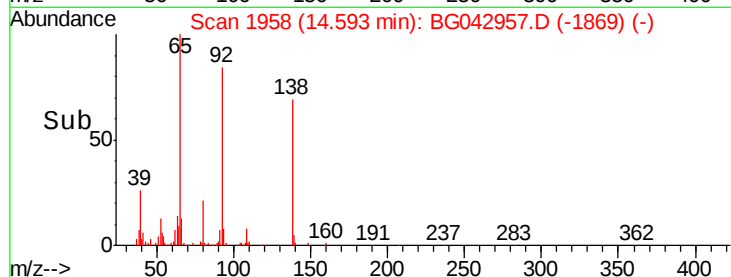
92 126.4 97.0 145.6



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: 112.979 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

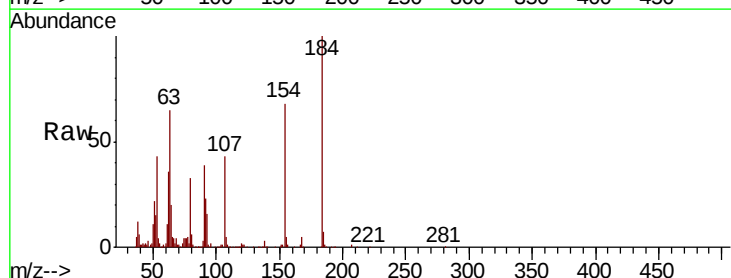
Tgt Ion:184 Resp: 201710

Ion Ratio Lower Upper

184 100

63 65.4 55.0 82.6

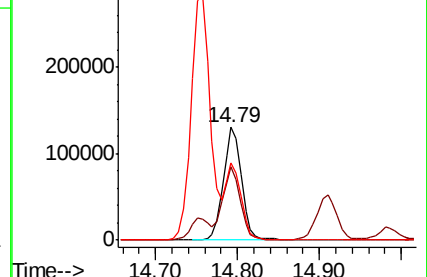
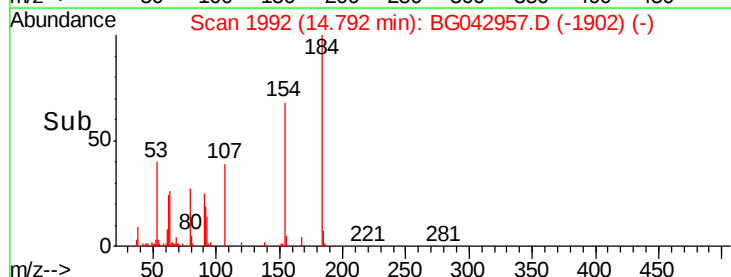
154 68.2 56.5 84.7

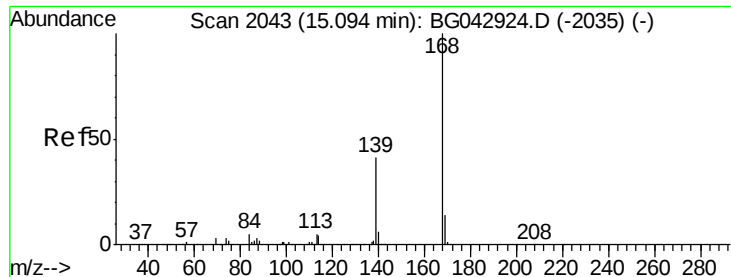


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

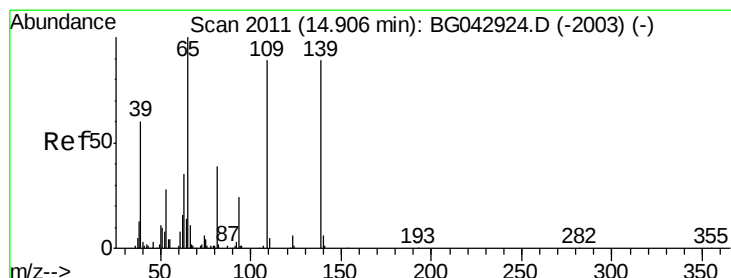
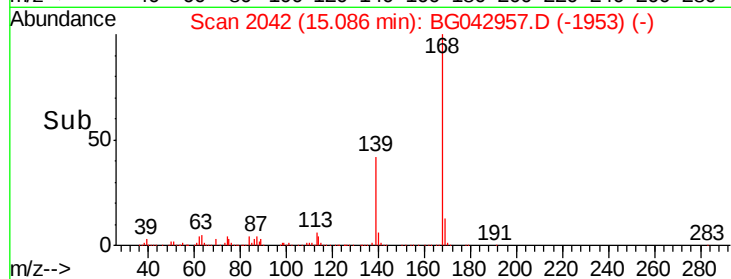
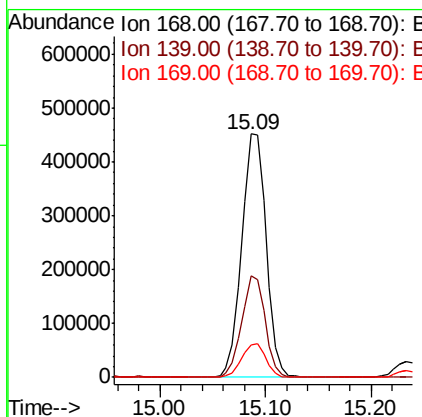
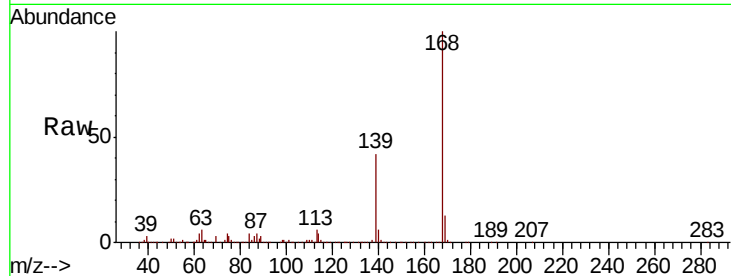




#55
Dibenzofuran
Concen: 46.839 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

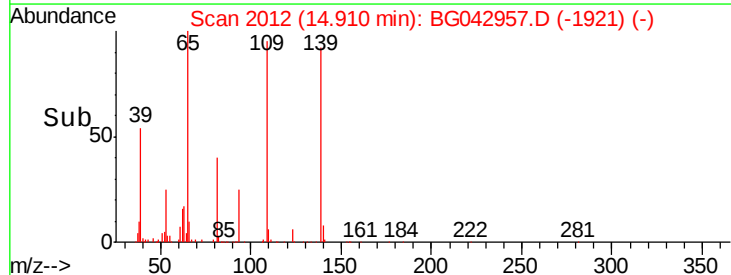
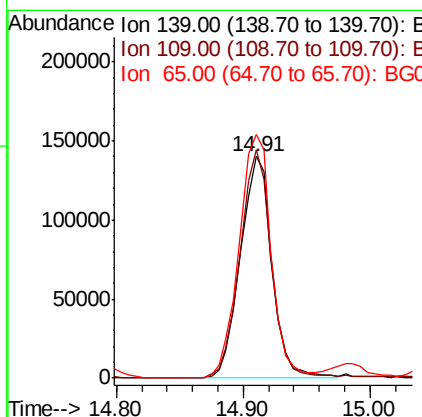
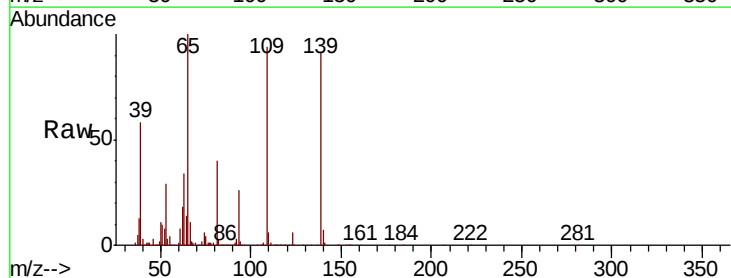
Instrument :
BNA_G
ClientSampleId :

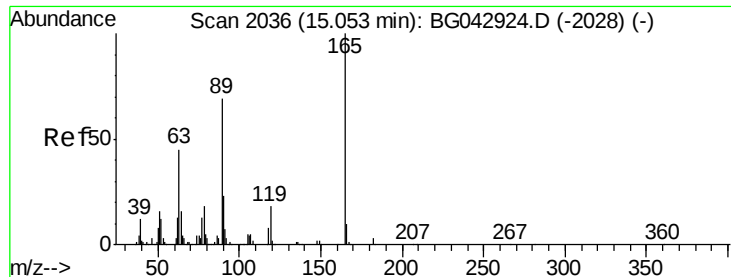
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	32.6	48.8
169	13.2	11.2	16.8



#56
4-Nitrophenol
Concen: 107.021 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.1	79.4	119.4
65	109.9	92.5	132.5

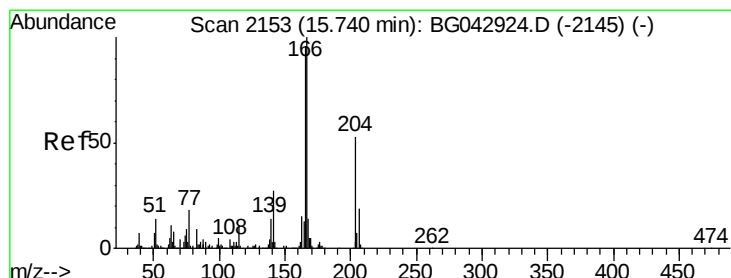
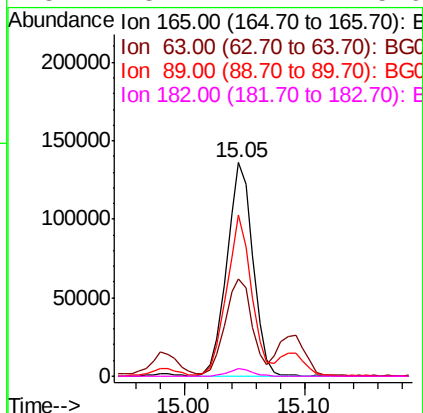
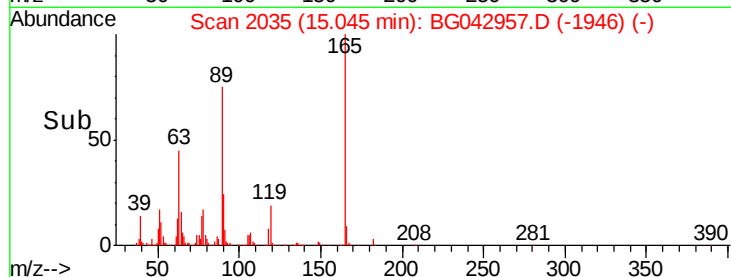
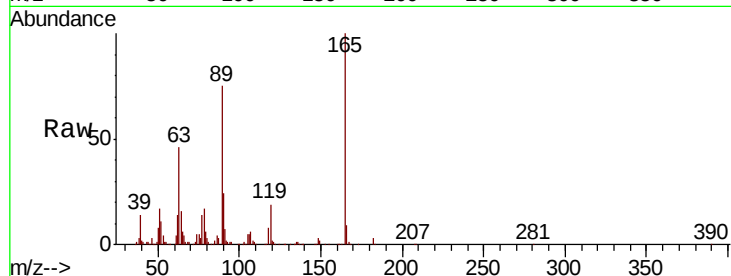




#57
2,4-Dinitrotoluene
Concen: 48.687 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

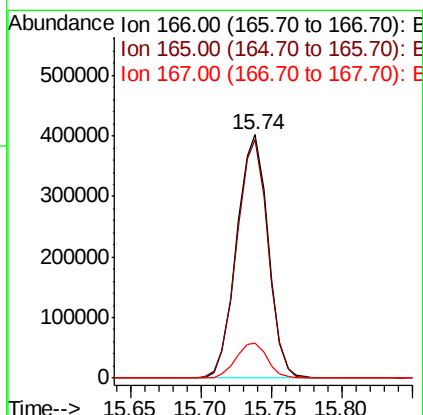
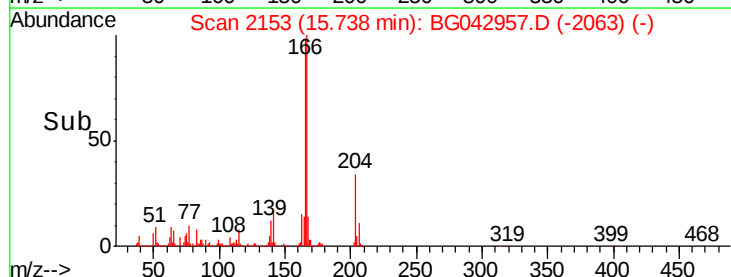
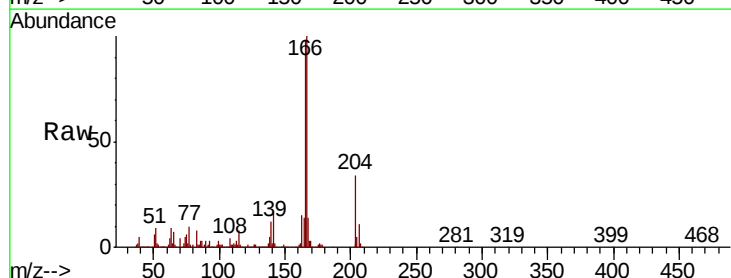
Instrument :
BNA_G
ClientSampleId :

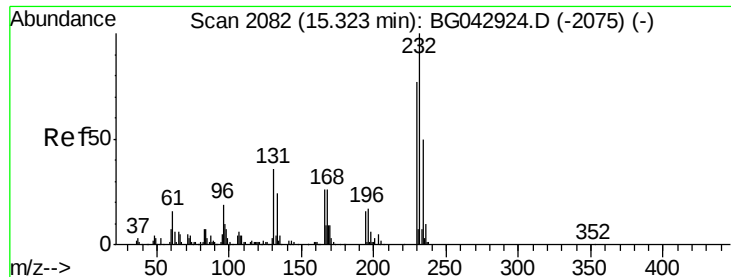
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	45.6	36.5	54.7	
89	75.3	55.5	83.3	
182	3.4	2.4	3.6	



#58
Fluorene
Concen: 47.205 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.0	77.1	115.7	
167	14.1	11.0	16.6	

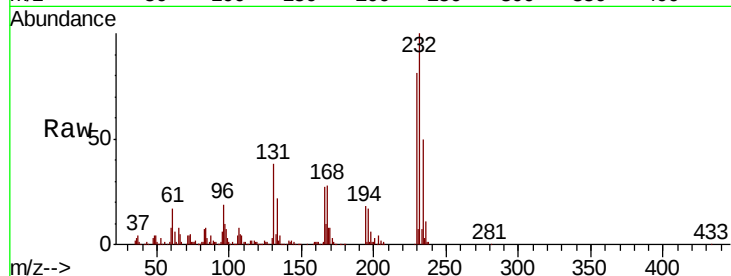




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.157 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	213601
Ion	Ratio	Lower	Upper
232	100		
131	36.9	29.6	44.4
130	2.4	1.9	2.9
166	27.9	21.8	32.8



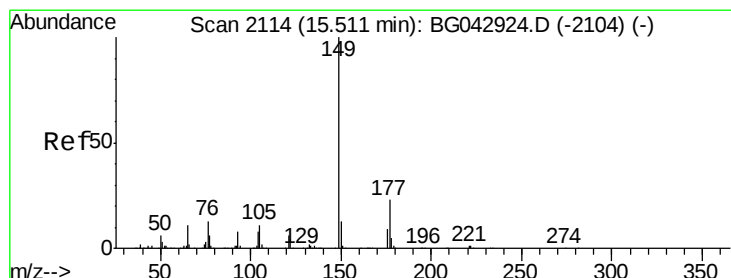
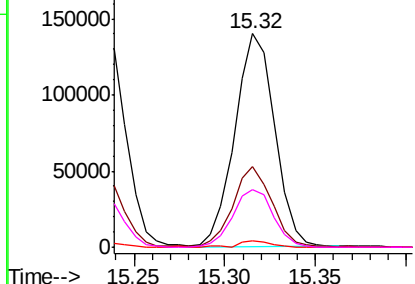
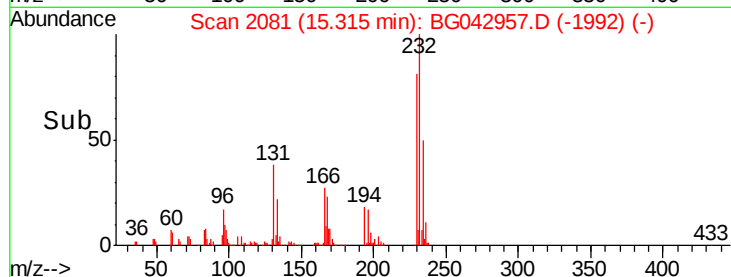
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

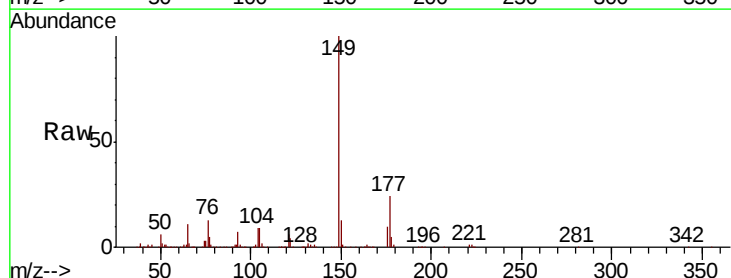
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 46.147 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Tgt Ion:	149	Resp:	633440
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.8	28.2
150	13.1	10.6	15.8

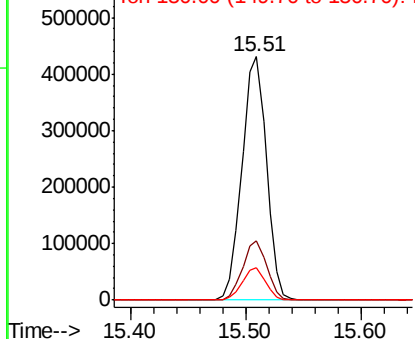
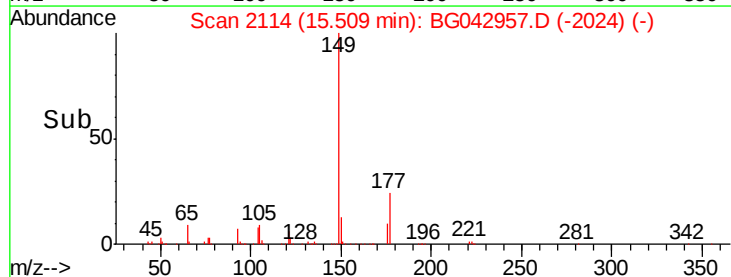


Abundance

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

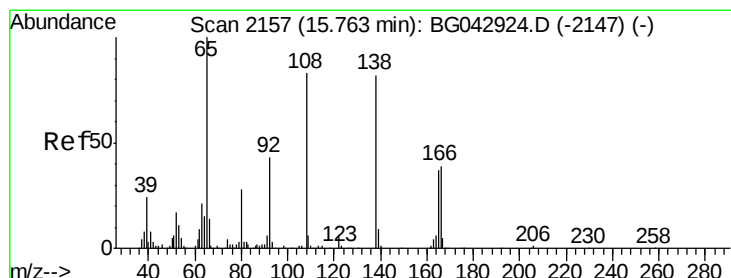
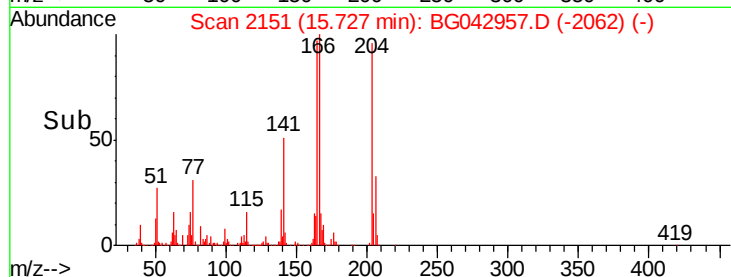
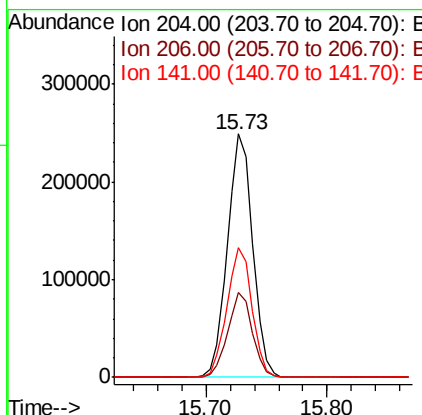
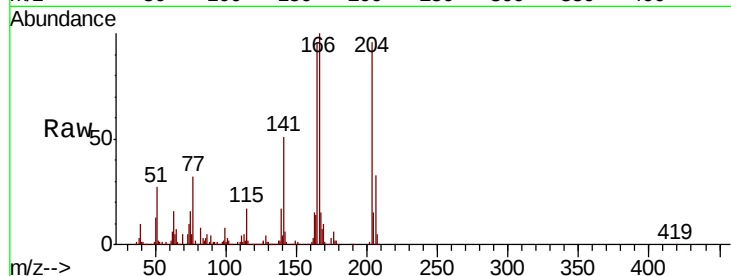




#61
 4-Chlorophenyl-phenylether
 Concen: 45.448 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

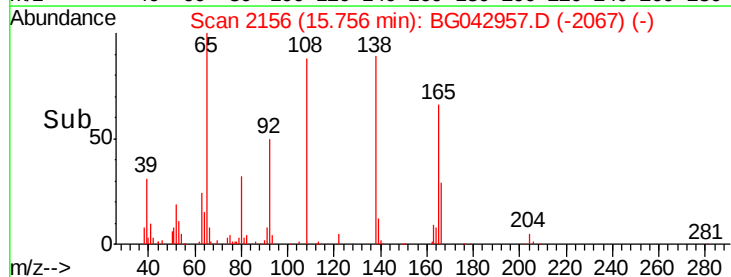
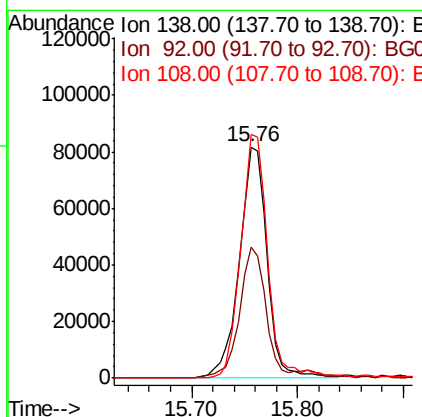
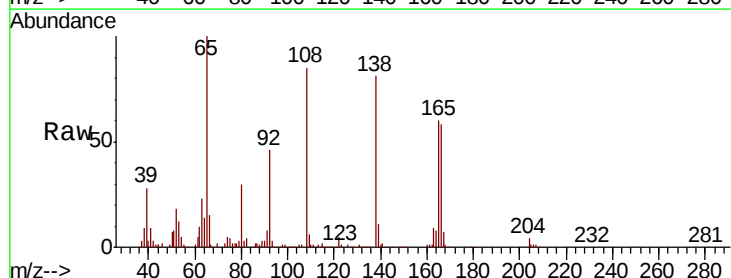
Instrument :
 BNA_G
 ClientSampleId :

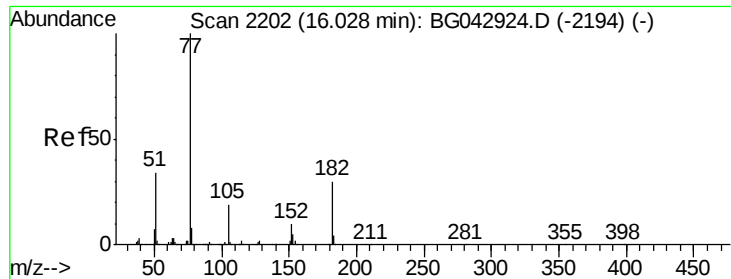
Tot Ion:204 Resp: 360861
 Ion Ratio Lower Upper
 204 100
 206 34.8 28.5 42.7
 141 53.1 42.4 63.6



#62
 4-Nitroaniline
 Concen: 45.982 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Tgt Ion:138 Resp: 148862
 Ion Ratio Lower Upper
 138 100
 92 56.8 32.9 72.9
 108 105.3 81.3 121.3

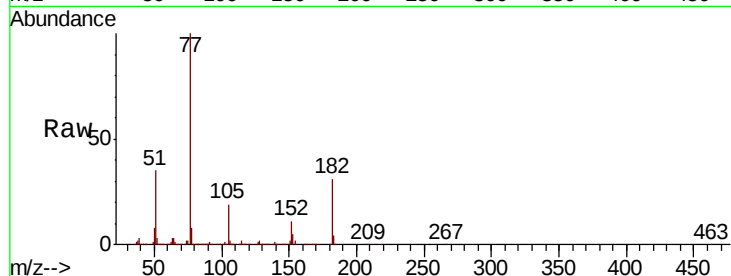




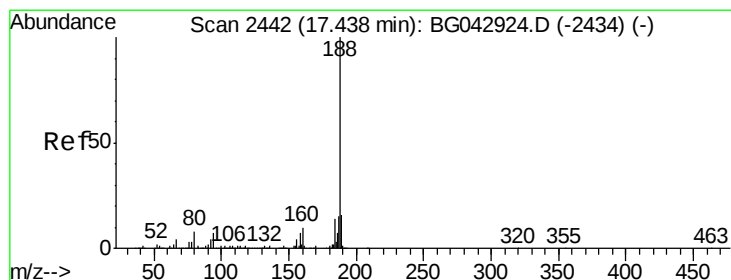
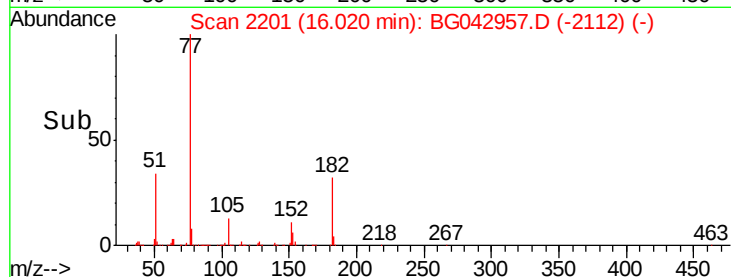
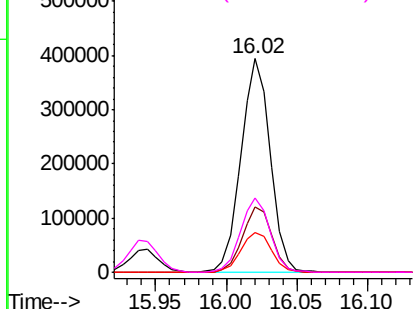
#63
Azobenzene
Concen: 45.427 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.7	10.2	50.2	
105	18.6	0.0	39.1	
51	34.8	13.9	53.9	

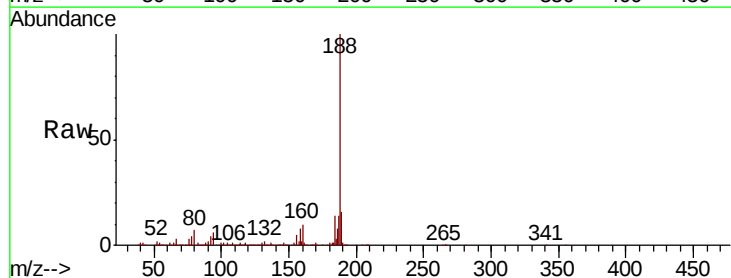


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

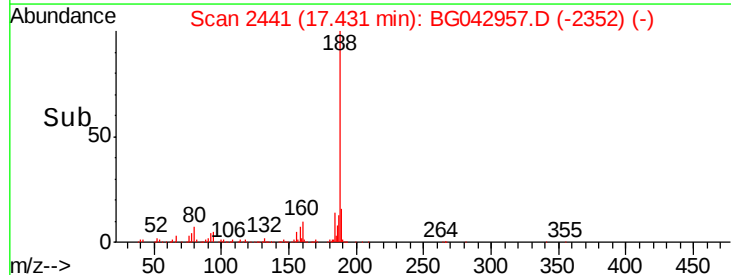
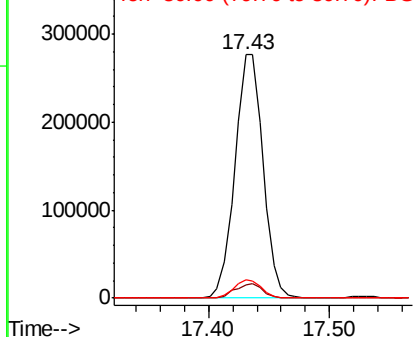


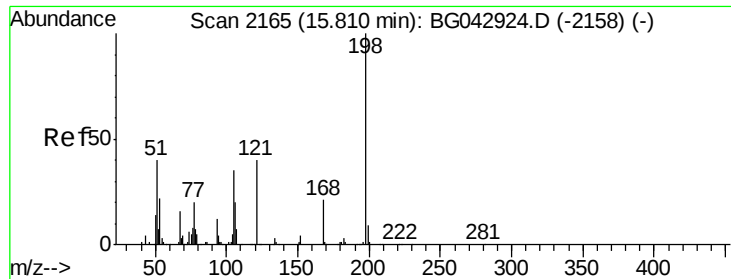
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.7	5.7	8.5#	
80	7.4	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

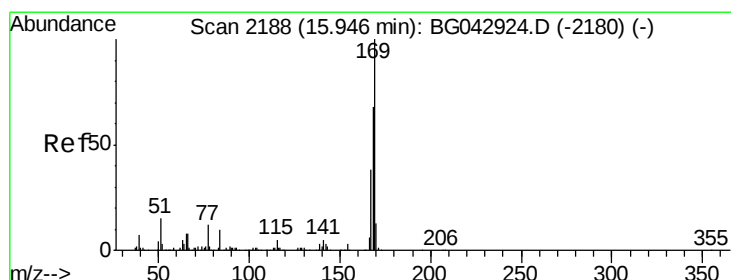
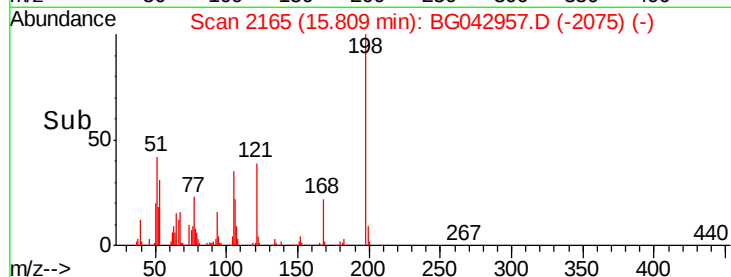
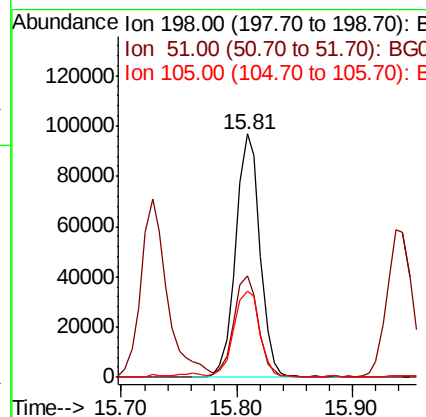
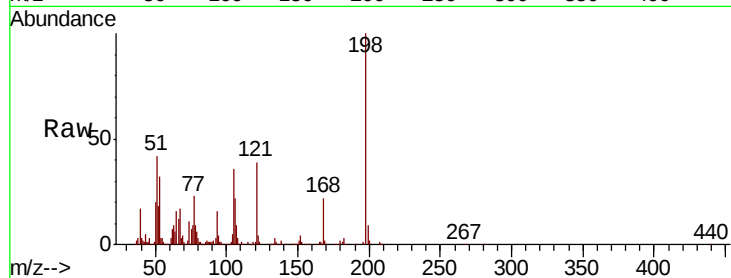




#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.505 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

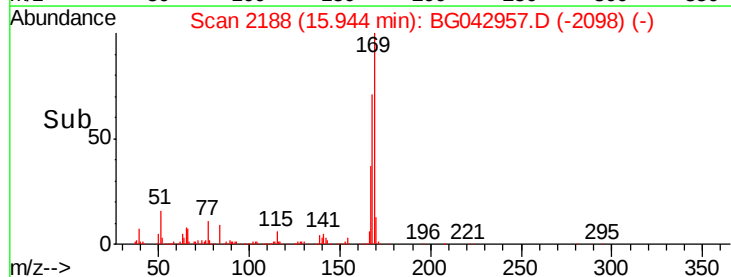
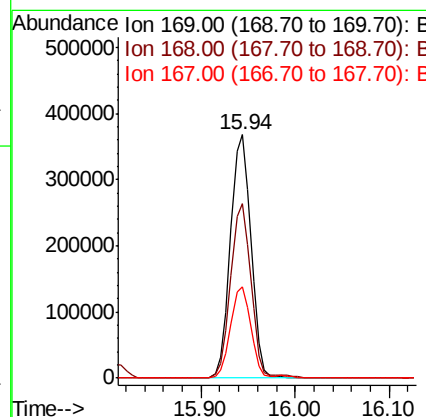
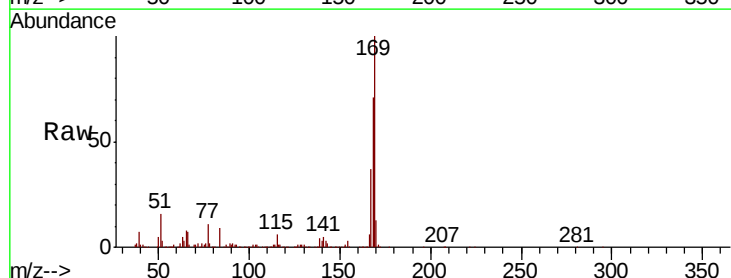
Instrument :
 BNA_G
 ClientSampleId :

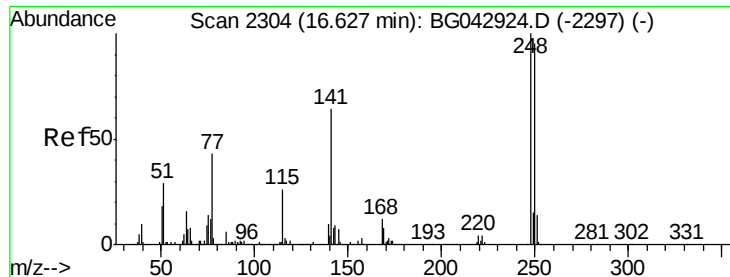
Tot Ion:198 Resp: 141146
 Ion Ratio Lower Upper
 198 100
 51 41.9 25.3 65.3
 105 35.6 16.6 56.6



#66
 n-Nitrosodiphenylamine
 Concen: 47.186 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Tgt Ion:169 Resp: 559782
 Ion Ratio Lower Upper
 169 100
 168 71.4 54.8 82.2
 167 37.4 30.6 46.0

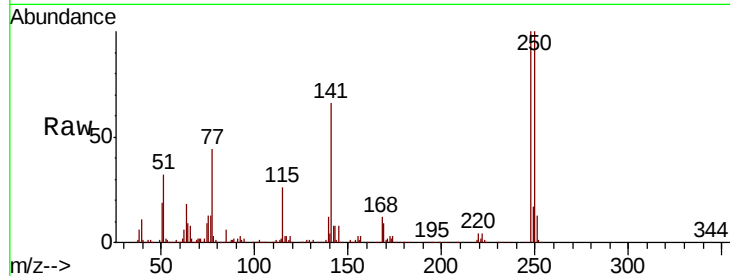




#67
4-Bromophenyl-phenylether
Concen: 45.697 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.4	75.8	113.8
141	66.2	51.1	76.7

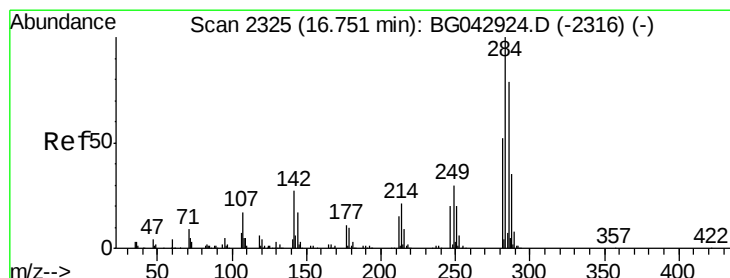
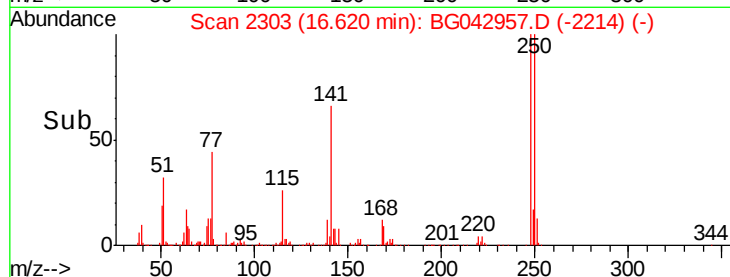
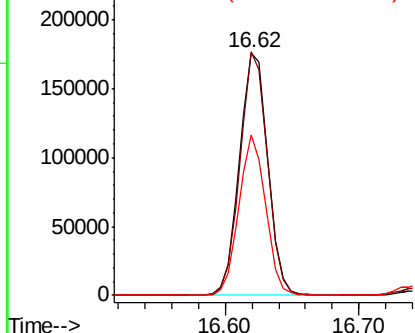


Abundance

Ion 248.00 (247.70 to 248.70): E

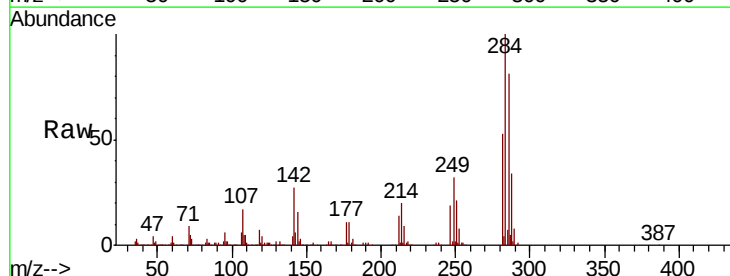
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.402 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	21.6	32.4
249	32.4	24.1	36.1

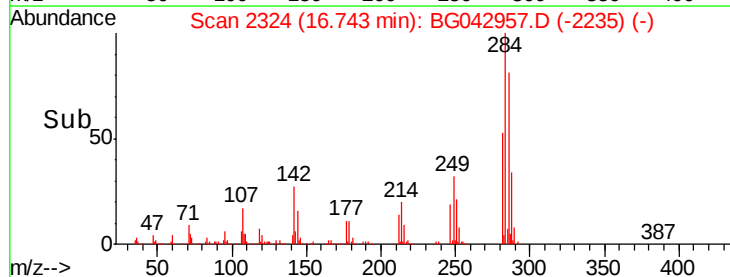
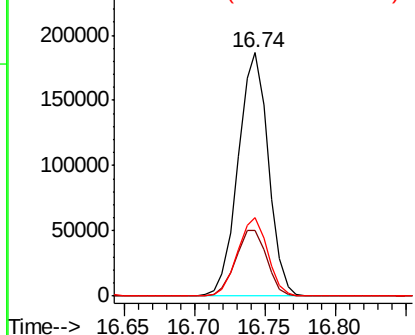


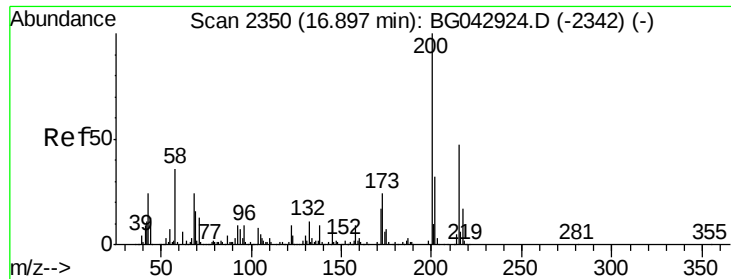
Abundance

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

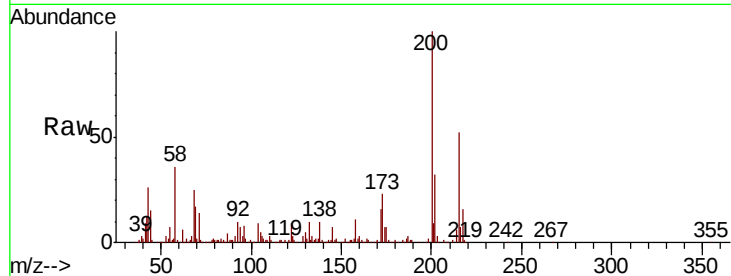




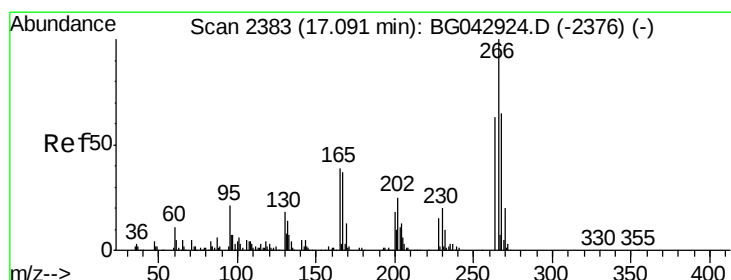
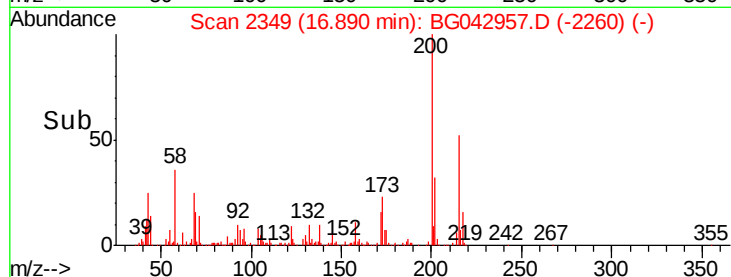
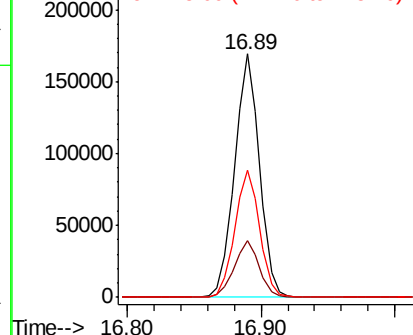
#69
Atrazine
Concen: 44.094 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	4.0	44.0
215	52.4	27.4	67.4

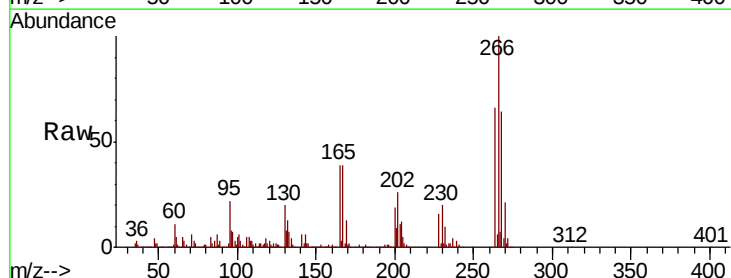


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

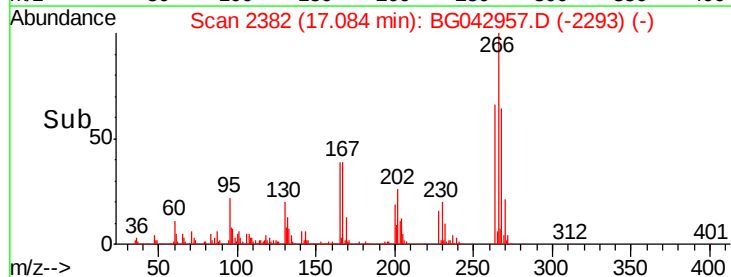
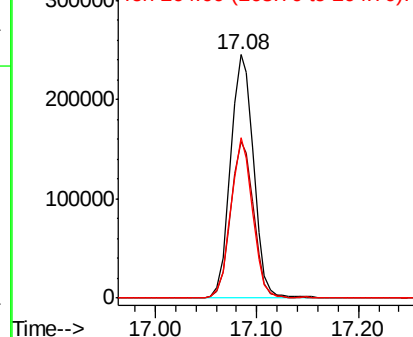


#70
Pentachlorophenol
Concen: 106.802 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.2	78.2
264	65.7	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: 46.228 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

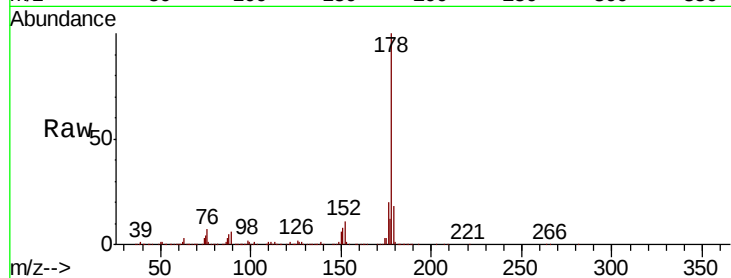
Tot Ion:178 Resp: 1014212

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	17.6	14.1	21.1

178 100

176 20.0 15.1 22.7

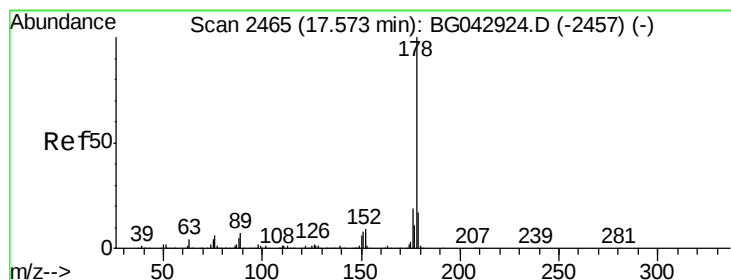
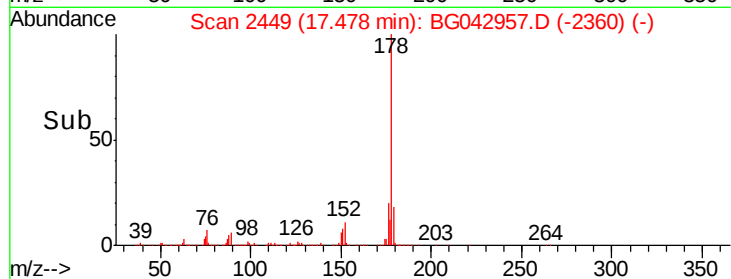
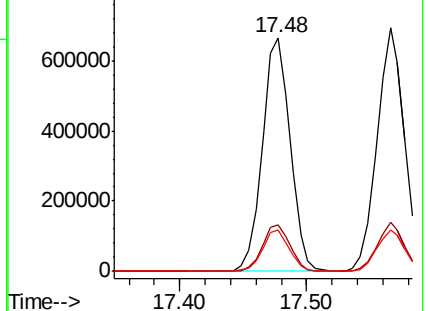
179 17.6 14.1 21.1



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: 47.602 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

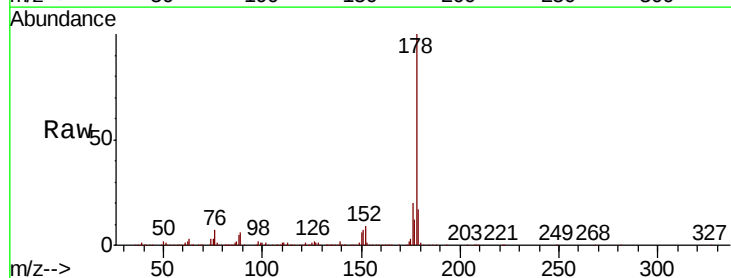
Tgt Ion:178 Resp: 1042598

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	16.8	13.5	20.3

178 100

176 20.0 15.5 23.3

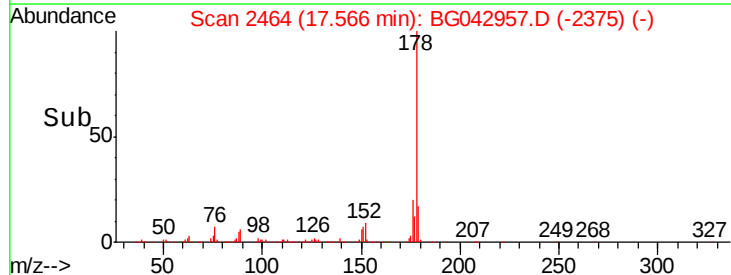
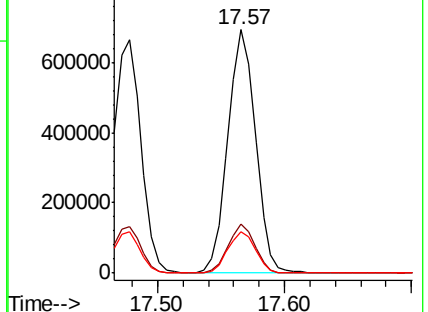
179 16.8 13.5 20.3



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

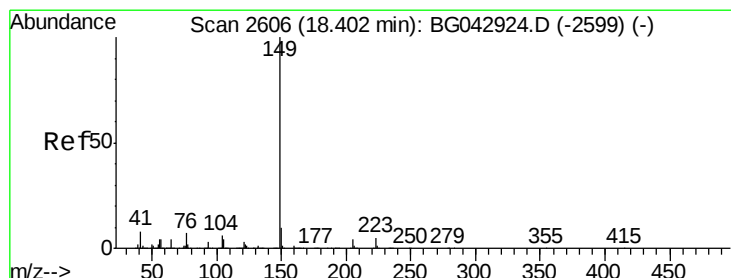
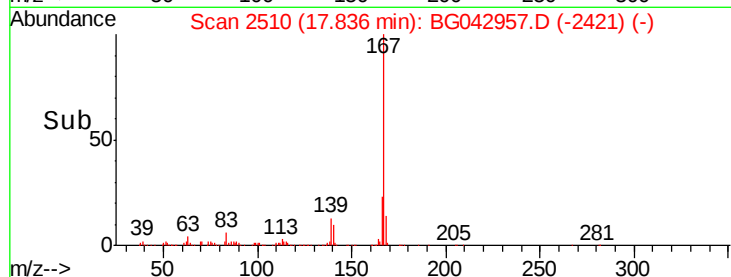
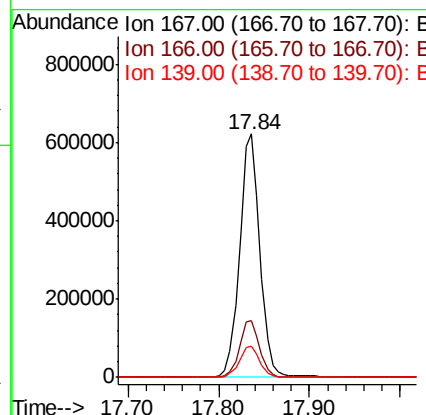
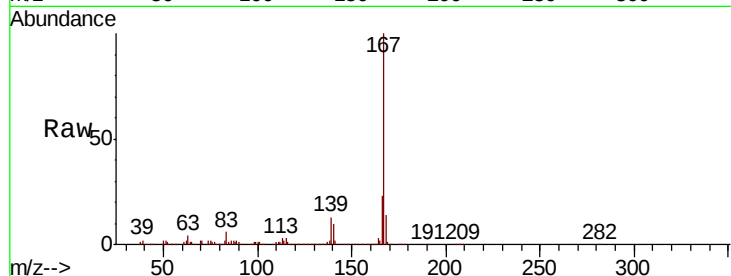




#73
 Carbazole
 Concen: 47.668 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

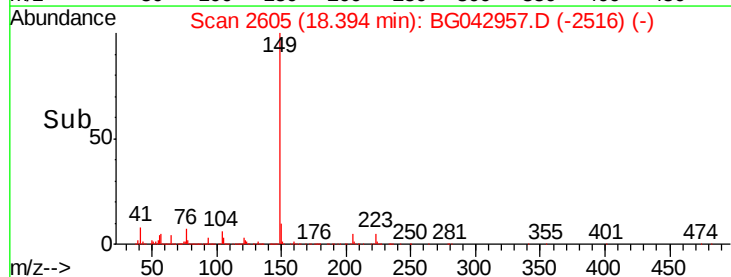
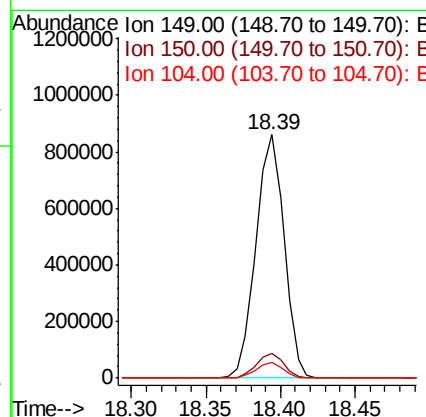
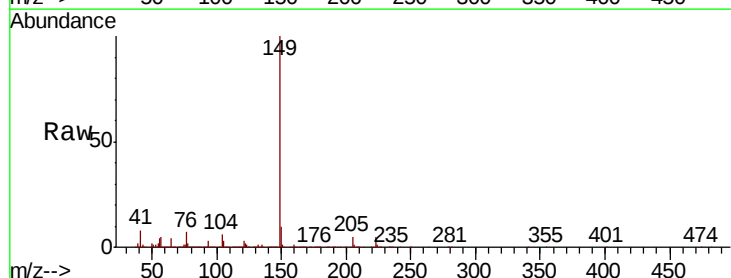
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.6	28.0
139	12.8	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 46.153 ng
 RT: 18.39 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BG042957.D
 Acq: 1 Oct 2019 1:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.5	5.0	7.6





#75

Fluoranthene

Concen: 47.155 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

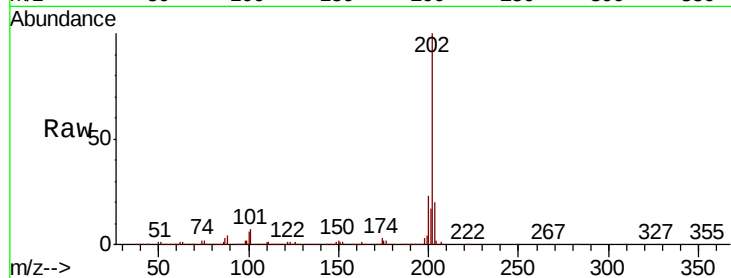
Tot Ion:202 Resp: 1368379

Ion Ratio Lower Upper

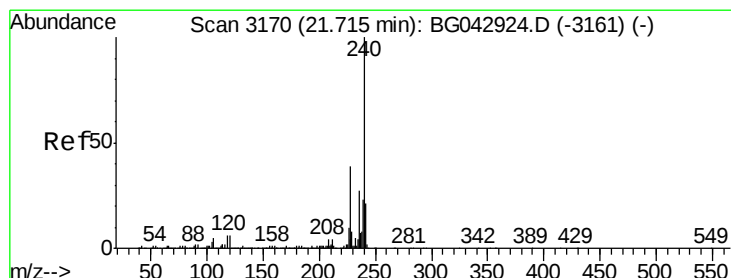
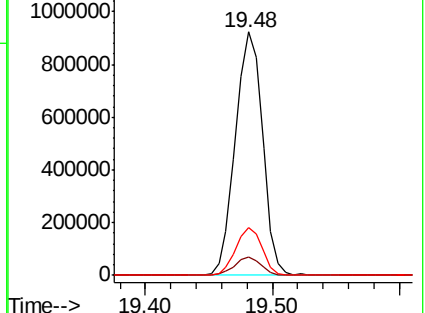
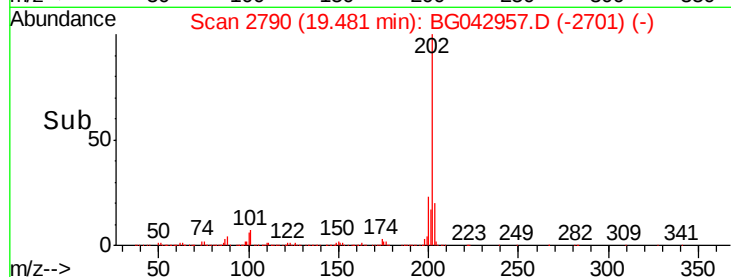
202 100

101 7.3 0.0 27.3

203 19.8 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

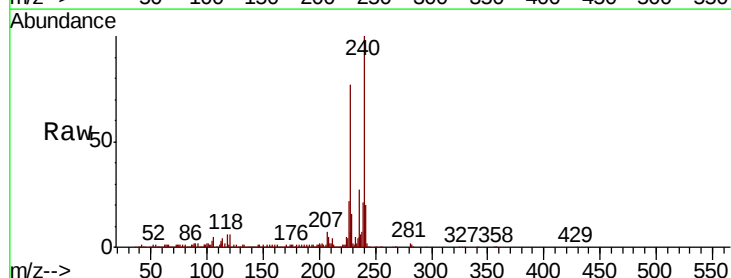
Tgt Ion:240 Resp: 493895

Ion Ratio Lower Upper

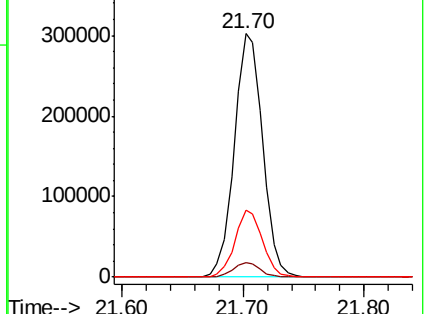
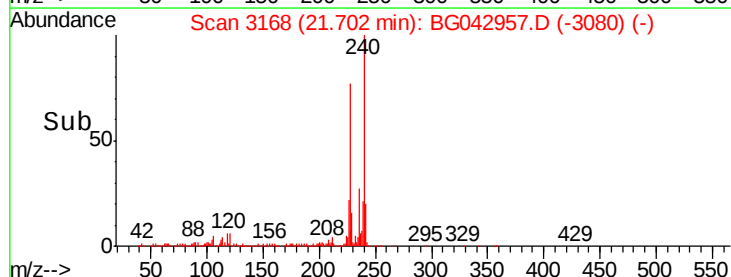
240 100

120 6.1 4.8 7.2

236 27.4 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.573 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

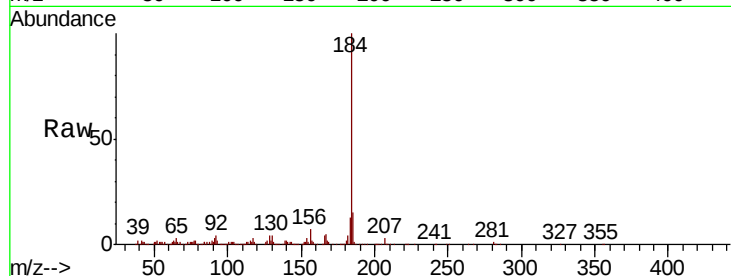
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 340986

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.8
183	13.0	10.1	15.1

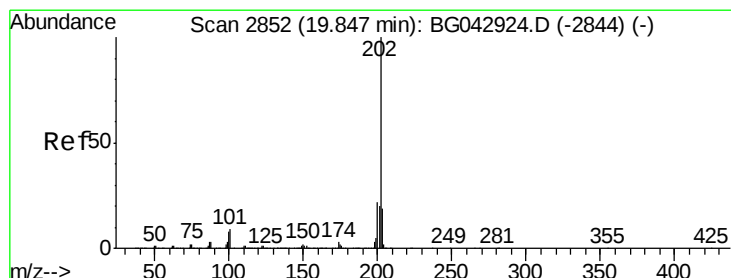
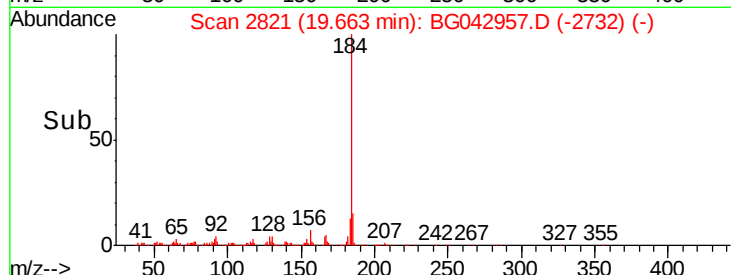
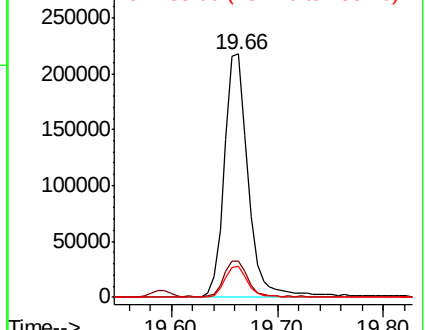


Abundance

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



#78

Pyrene

Concen: 47.341 ng

RT: 19.84 min Scan# 2851

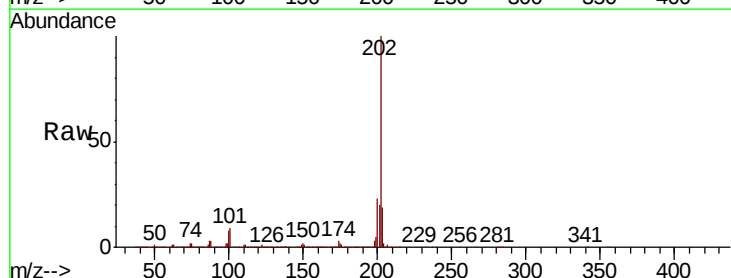
Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Tgt Ion:202 Resp: 1395556

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.6	26.4
203	19.3	15.2	22.8

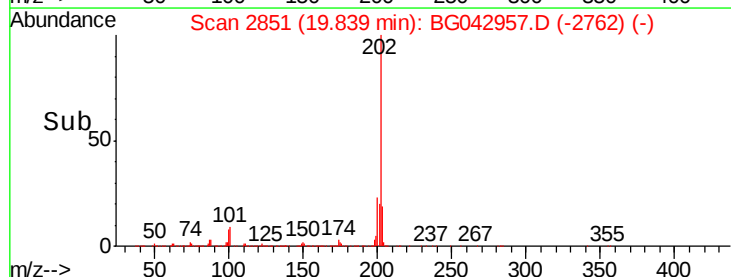
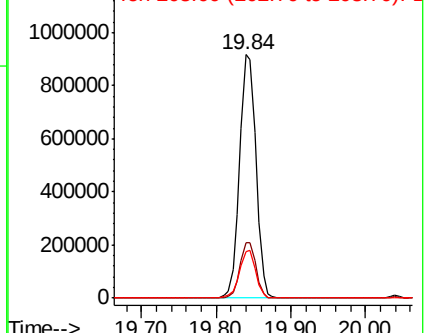


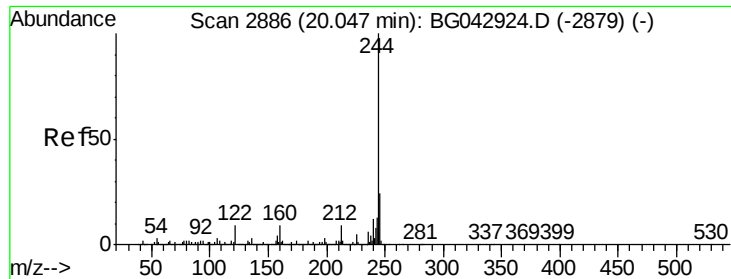
Abundance

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





#79

Terphenyl-d14

Concen: 94.841 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

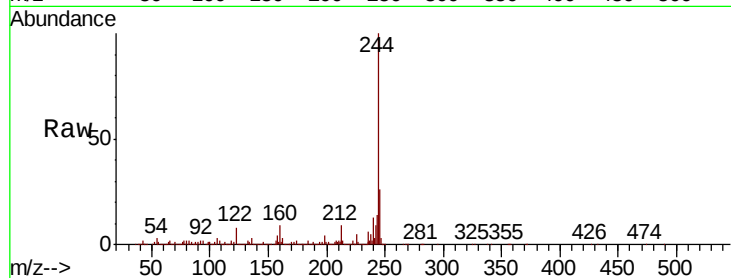
Tot Ion:244 Resp: 2198232

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

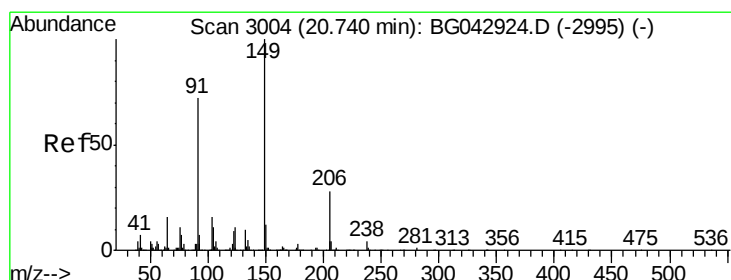
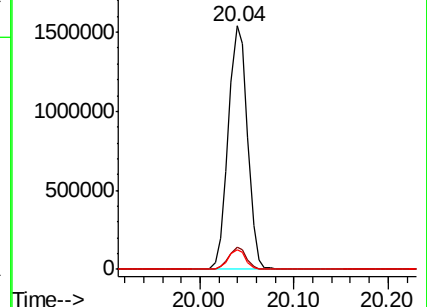
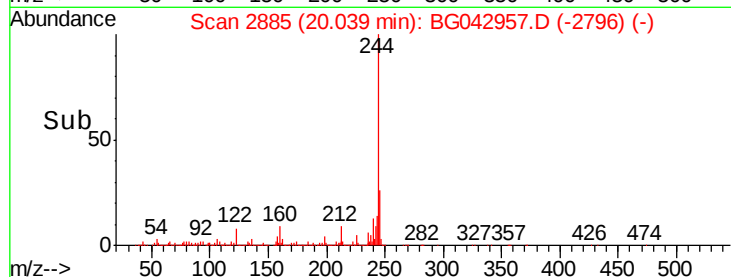
122 8.3 7.0 10.4



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: 47.875 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

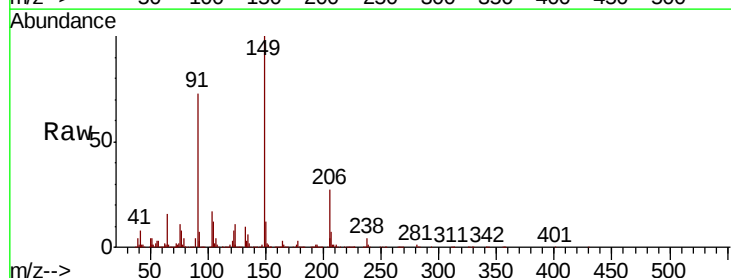
Tgt Ion:149 Resp: 535691

Ion Ratio Lower Upper

149 100

91 73.0 57.7 86.5

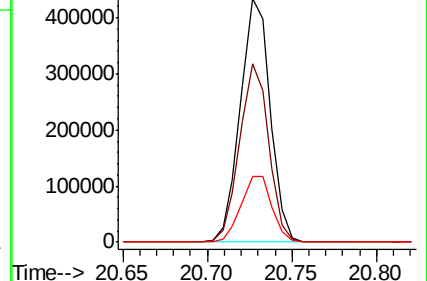
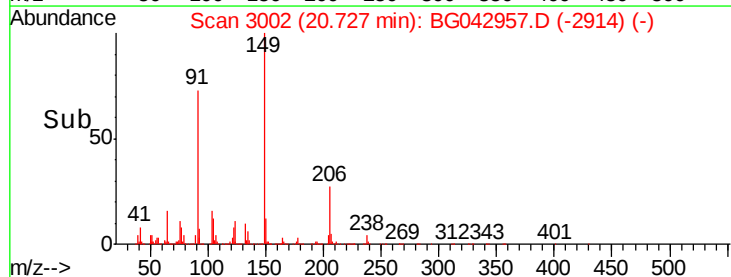
206 26.7 22.6 33.8

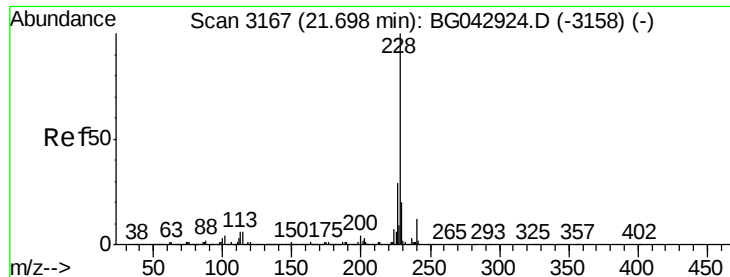


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.552 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

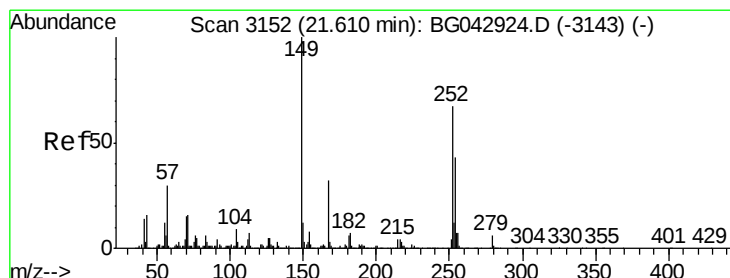
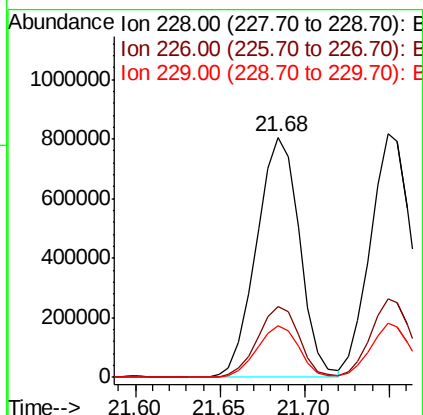
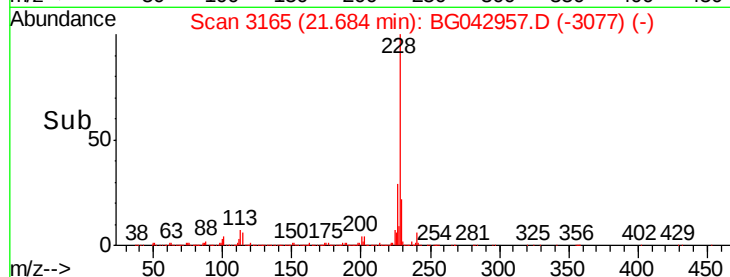
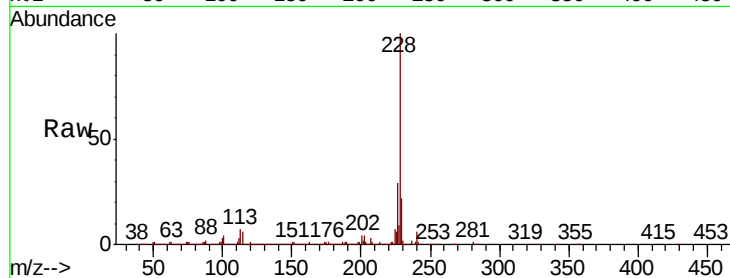
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1432597

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	21.7	16.3	24.5



#82

3,3'-Dichlorobenzidine

Concen: 29.032 ng

RT: 21.60 min Scan# 3151

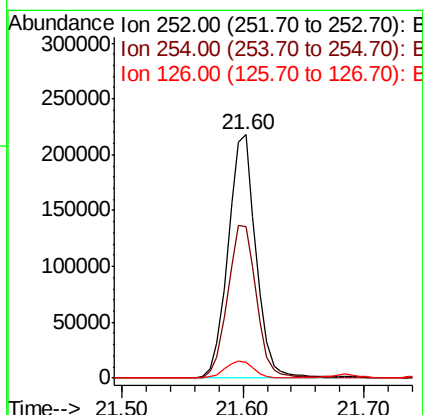
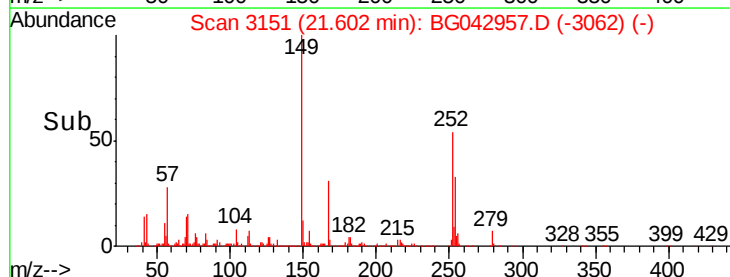
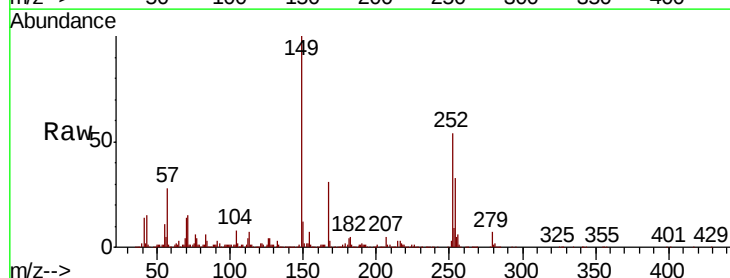
Delta R.T. -0.01 min

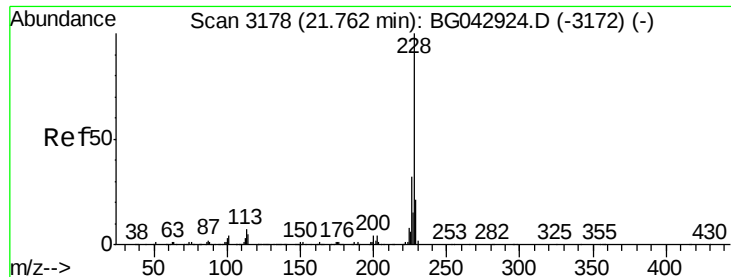
Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Tgt Ion:252 Resp: 350421

Ion	Ratio	Lower	Upper
252	100		
254	62.1	51.9	77.9
126	6.6	6.1	9.1





#83

Chrysene

Concen: 46.472 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

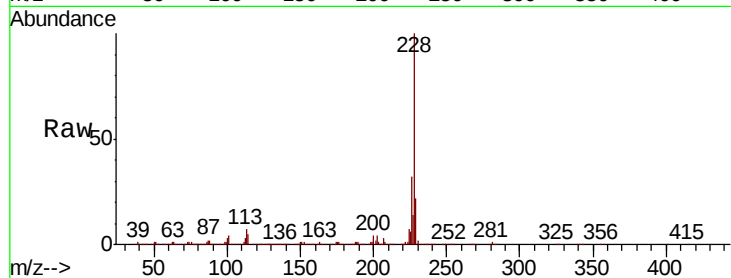
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1387857

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.6	38.4
229	22.1	16.9	25.3

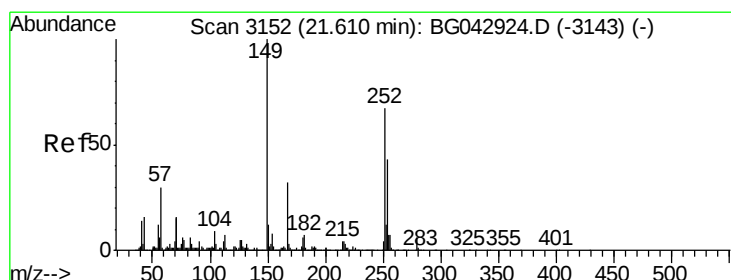
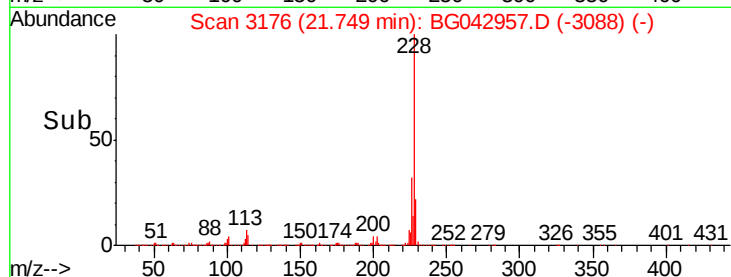
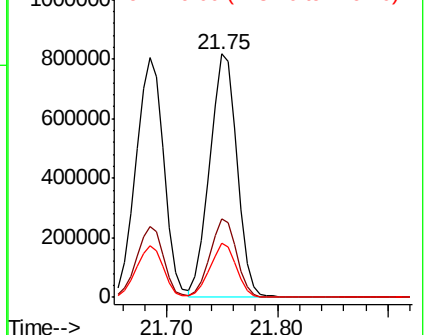


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.527 ng

RT: 21.60 min Scan# 3150

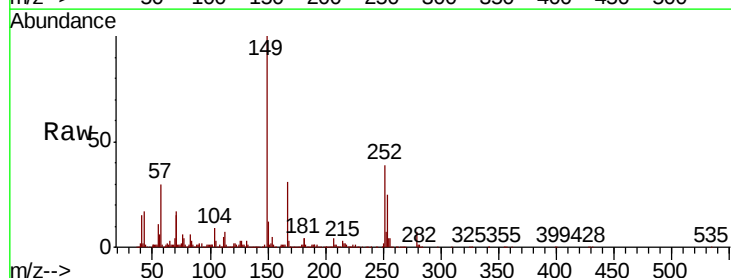
Delta R.T. -0.01 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Tgt Ion:149 Resp: 756710

Ion	Ratio	Lower	Upper
149	100		
167	30.7	25.4	38.2
279	6.5	5.1	7.7

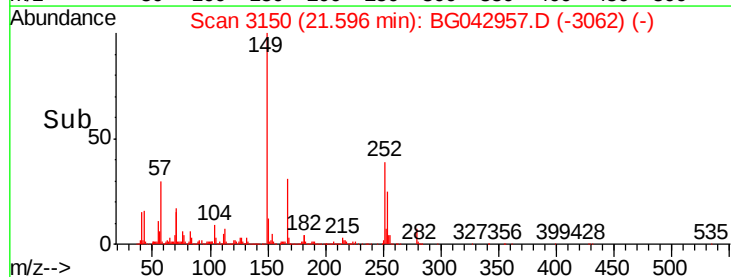
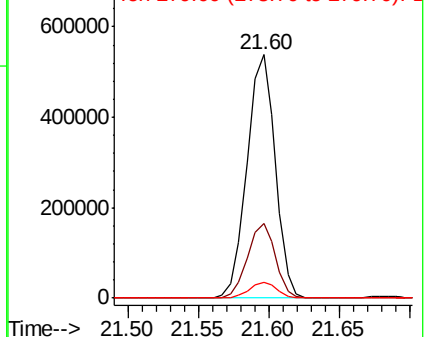


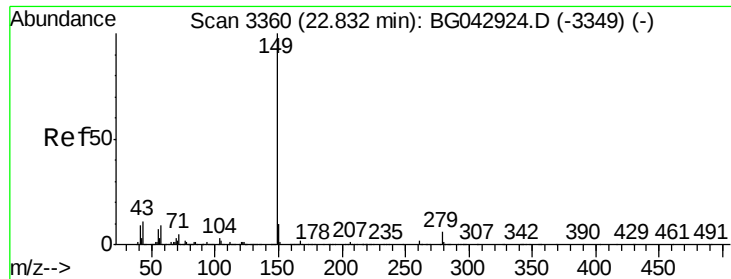
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

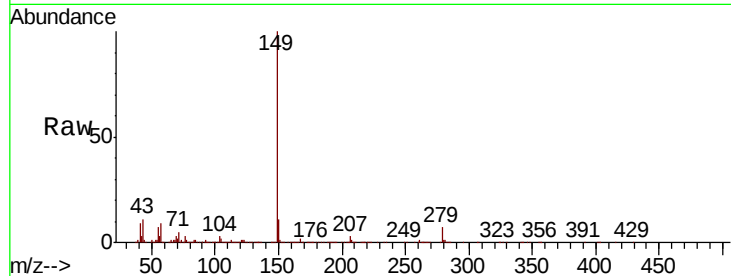




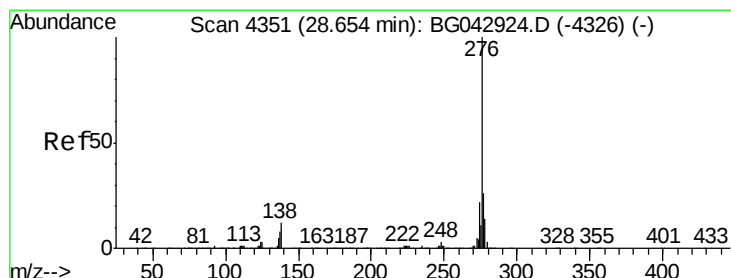
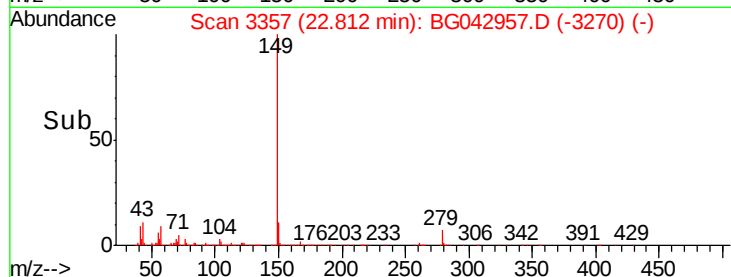
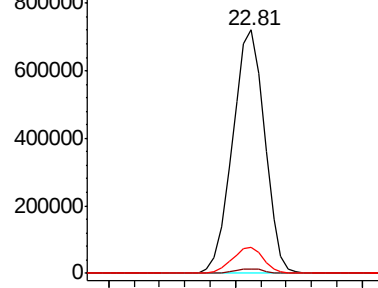
#85
Di-n-octyl phthalate
Concen: 48.830 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 1271306
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.6 8.7 13.1

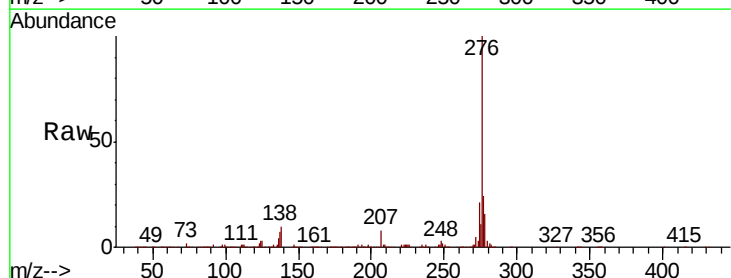


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

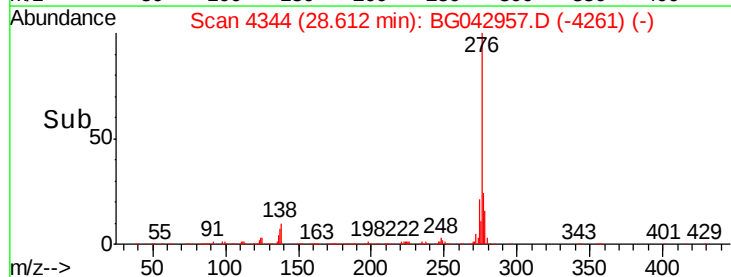
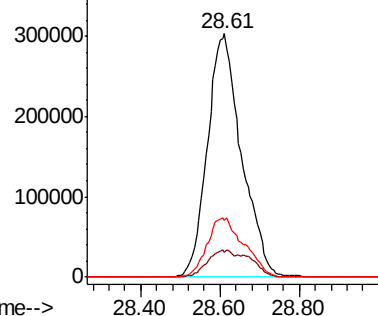


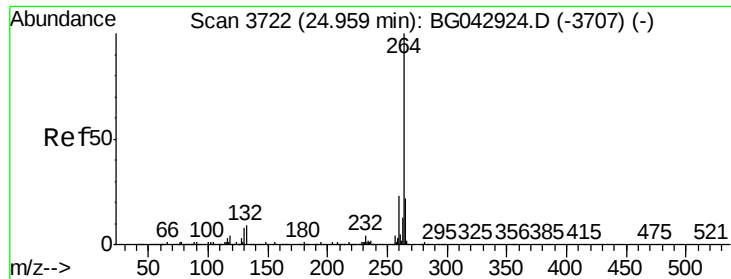
#86
Indeno(1,2,3-cd)pyrene
Concen: 48.647 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.04 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion:276 Resp: 1808600
Ion Ratio Lower Upper
276 100
138 13.8 7.0 10.6#
277 26.2 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



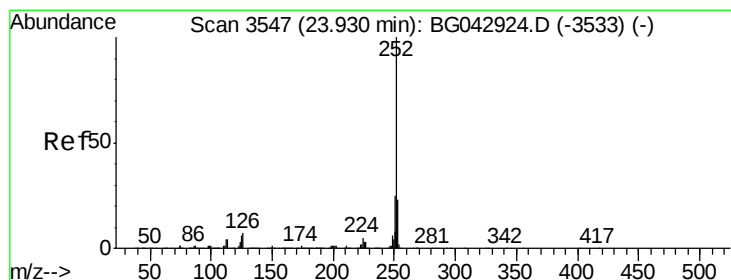
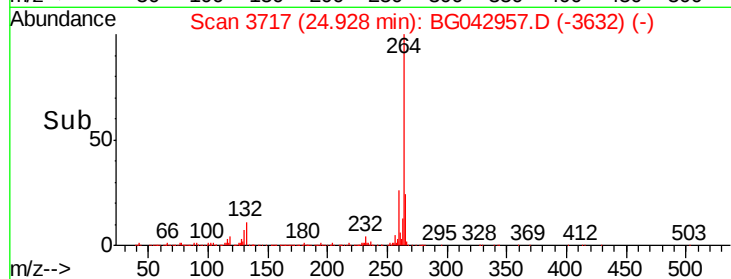
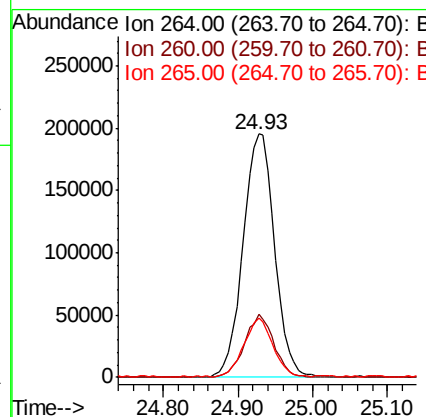
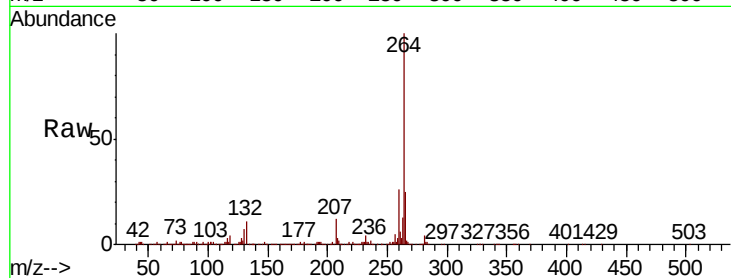


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.03 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 572559

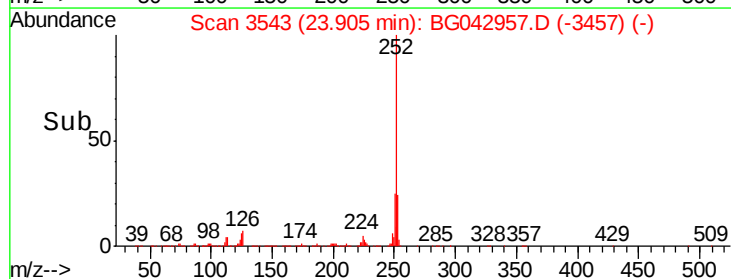
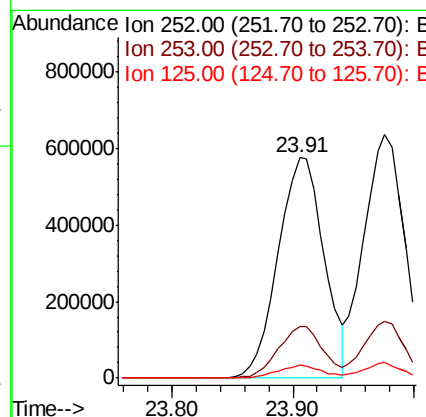
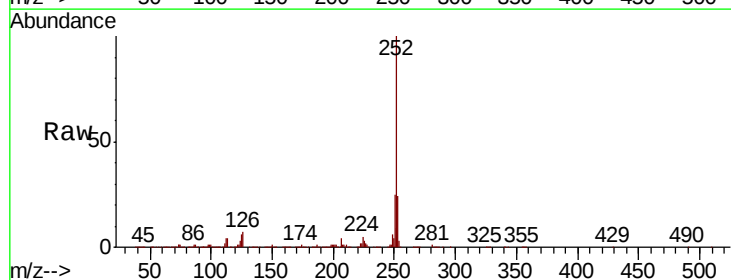
Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.7	28.1
265	24.5	17.7	26.5

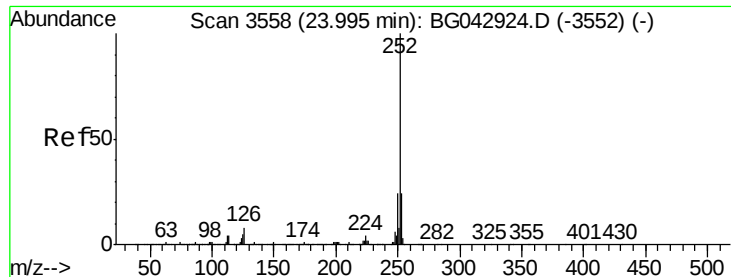


#88
Benzo(b)fluoranthene
Concen: 46.911 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.03 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion:252 Resp: 1519783

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	6.1	4.6	7.0

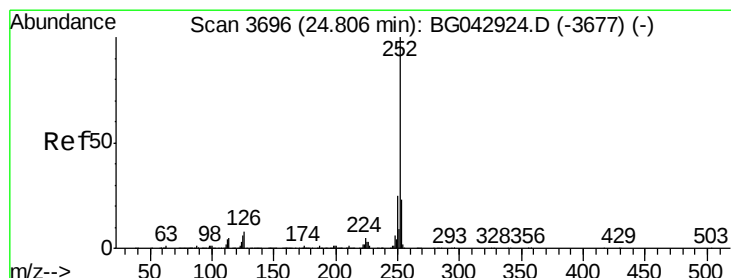
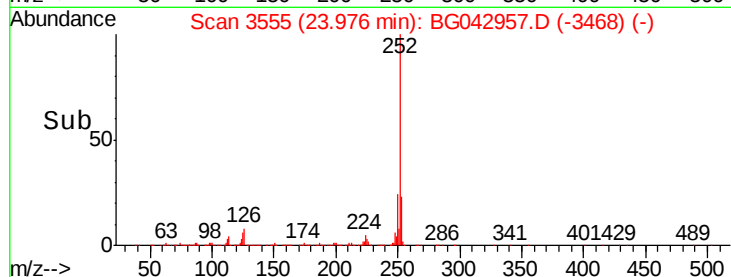
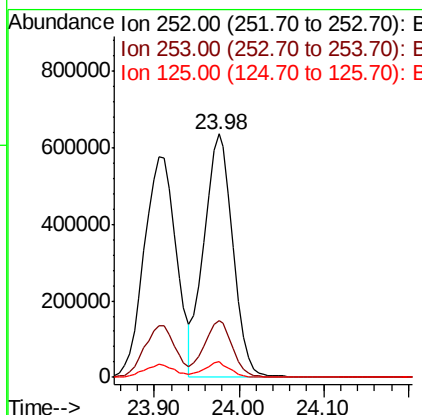
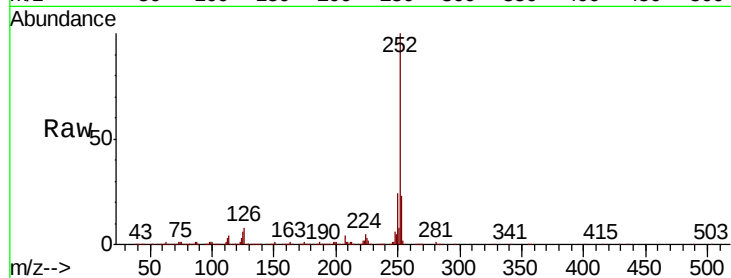




#89
Benzo(k)fluoranthene
Concen: 47.141 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

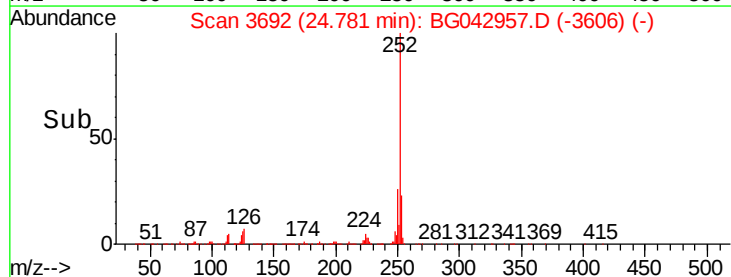
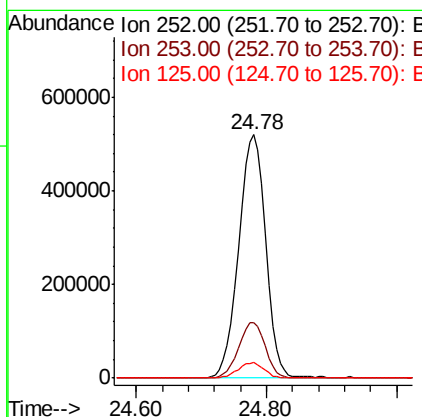
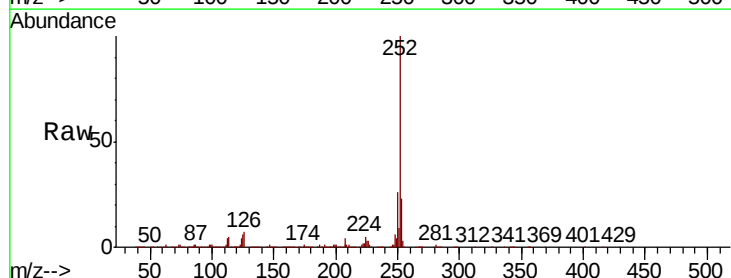
Instrument :
BNA_G
ClientSampleId :

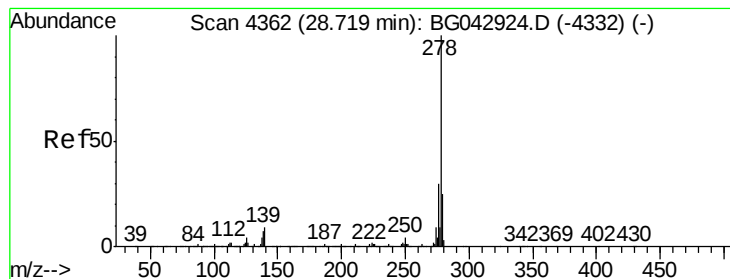
Tot Ion:252 Resp: 1510834
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 6.4 4.5 6.7



#90
Benzo(a)pyrene
Concen: 48.812 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BG042957.D
Acq: 1 Oct 2019 1:18

Tgt Ion:252 Resp: 1491936
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 6.4 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 48.448 ng

RT: 28.67 min Scan# 4354

Delta R.T. -0.05 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

Instrument :

BNA_G

ClientSampleId :

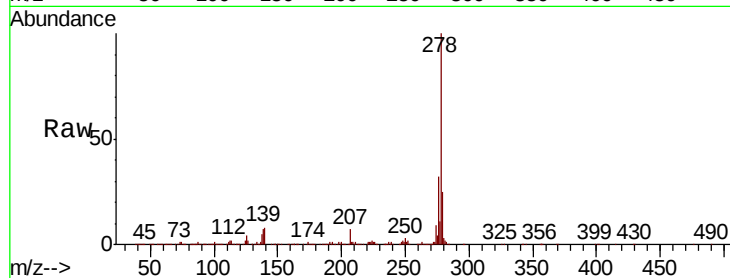
Tot Ion:278 Resp: 1518470

Ion Ratio Lower Upper

278 100

139 8.3 6.8 10.2

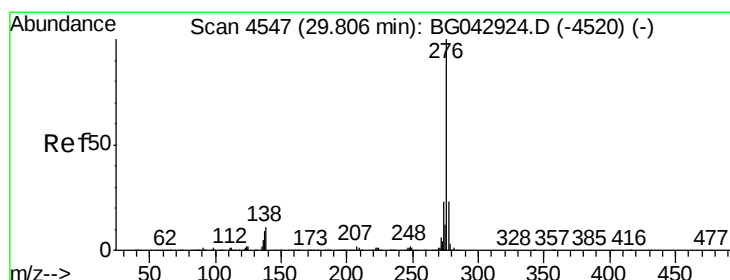
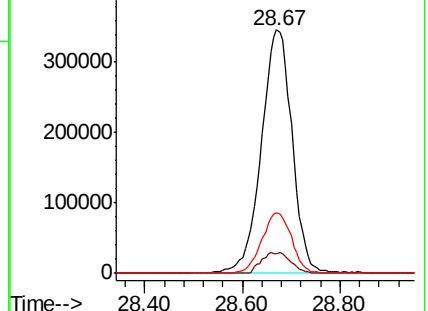
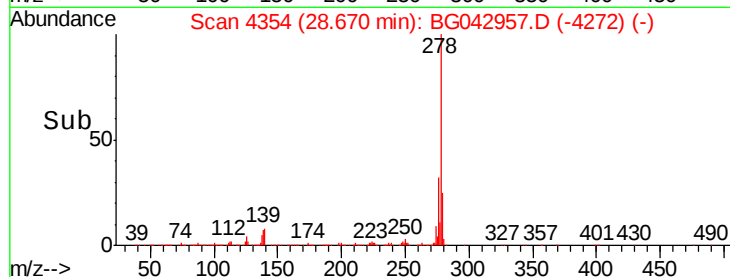
279 24.7 20.1 30.1



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: 49.154 ng

RT: 29.76 min Scan# 4539

Delta R.T. -0.05 min

Lab File: BG042957.D

Acq: 1 Oct 2019 1:18

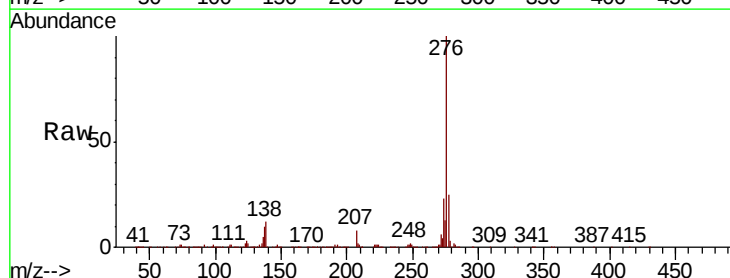
Tgt Ion:276 Resp: 1492700

Ion Ratio Lower Upper

276 100

277 25.0 18.4 27.6

138 11.9 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

