

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042919\
 Data File : BG040664.D
 Acq On : 29 Apr 2019 16:41
 Operator : JU/SJ
 Sample : PB119264BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 01:47:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	46963	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	181271	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	125608	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	334236	20.00	ng	-0.01
76) Chrysene-d12	21.82	240	400251	20.00	ng	0.00
87) Perylene-d12	25.19	264	394003	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	229012	85.96	ng	0.00
7) Phenol-d6	7.29	99	323887	78.96	ng	0.00
23) Nitrobenzene-d5	9.33	82	313815	79.99	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	148672	86.11	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	639811	73.56	ng	-0.01
79) Terphenyl-d14	20.12	244	1362408	75.41	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	55179	45.542	ng	90
3) Pyridine	3.95	79	131074	37.323	ng	95
4) n-Nitrosodimethylamine	3.88	42	74212	38.098	ng	# 89
6) Aniline	7.47	93	133097	24.479	ng	96
8) 2-Chlorophenol	7.71	128	129153	39.702	ng	94
9) Benzaldehyde	7.28	77	33217	9.043	ng	96
10) Phenol	7.31	94	182797	41.455	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	119512	36.143	ng	99
12) 1,3-Dichlorobenzene	8.04	146	136851	38.542	ng	98
13) 1,4-Dichlorobenzene	8.19	146	140335	38.988	ng	98
14) 1,2-Dichlorobenzene	8.51	146	133096	38.342	ng	97
15) Benzyl Alcohol	8.39	79	152452	35.718	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	234113	35.562	ng	96
17) 2-Methylphenol	8.58	107	123295	39.511	ng	94
18) Hexachloroethane	9.24	117	56224	38.079	ng	95
19) n-Nitroso-di-n-propylamine	8.96	70	124598	33.743	ng	98
20) 3+4-Methylphenols	8.91	107	170117	39.133	ng	99
22) Acetophenone	8.98	105	215293	42.711	ng	# 97
24) Nitrobenzene	9.37	77	185648	44.353	ng	99
25) Isophorone	9.89	82	333182	38.127	ng	99
26) 2-Nitrophenol	10.08	139	71423	47.603	ng	90
27) 2,4-Dimethylphenol	10.12	122	141272	50.183	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	172999	39.458	ng	99
29) 2,4-Dichlorophenol	10.61	162	146293	45.710	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	149524	42.130	ng	95
31) Naphthalene	11.03	128	396828	41.206	ng	99
32) Benzoic acid	10.25	122	100663	52.233	ng	94
33) 4-Chloroaniline	11.13	127	82339	19.284	ng	95
34) Hexachlorobutadiene	11.29	225	110449	42.153	ng	95
35) Caprolactam	11.91	113	30807	24.381	ng	91
36) 4-Chloro-3-methylphenol	12.23	107	170269	42.173	ng	99
37) 2-Methylnaphthalene	12.62	142	292411	40.610	ng	99
38) 1-Methylnaphthalene	12.84	142	282357	40.119	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	199131	42.557	ng	99

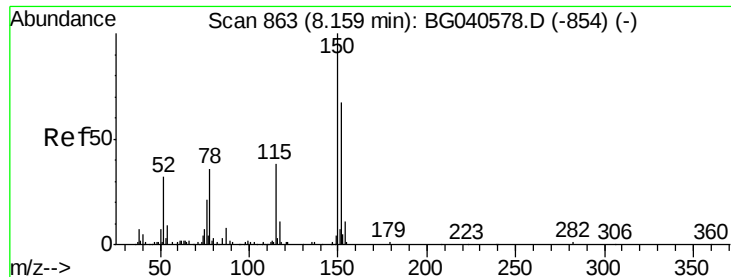
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042919\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	250892	90.866	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	134350	47.512	nq	99
44) 2,4,5-Trichlorophenol	13.28	196	141892	46.064	nq	95
46) 1,1'-Biphenyl	13.62	154	397154	40.724	nq	98
47) 2-Chloronaphthalene	13.66	162	313921	41.132	nq	98
48) 2-Nitroaniline	13.87	65	132935	48.932	nq	99
49) Acenaphthylene	14.51	152	508222	39.249	nq	98
50) Dimethylphthalate	14.23	163	423580	40.305	nq	99
51) 2,6-Dinitrotoluene	14.36	165	93123	45.401	nq	99
52) Acenaphthene	14.85	154	303272	40.217	nq	96
53) 3-Nitroaniline	14.69	138	68436	32.564	nq	99
54) 2,4-Dinitrophenol	14.89	184	108503	92.586	nq	# 85
55) Dibenzofuran	15.18	168	504927	40.880	nq	100
56) 4-Nitrophenol	14.97	139	173514	95.216	nq	99
57) 2,4-Dinitrotoluene	15.14	165	137058	49.175	nq	# 99
58) Fluorene	15.83	166	403801	40.448	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	148530	47.907	nq	99
60) Diethylphthalate	15.59	149	448863	40.481	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	244271	42.070	nq	99
62) 4-Nitroaniline	15.85	138	108751	46.260	nq	94
63) Azobenzene	16.11	77	461774	40.438	nq	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	76385	46.621	nq	93
66) n-Nitrosodiphenylamine	16.03	169	379601	38.603	nq	98
67) 4-Bromophenyl-phenylether	16.71	248	160252	38.484	nq	99
68) Hexachlorobenzene	16.82	284	169125	39.279	nq	97
69) Atrazine	16.97	200	166899	42.838	nq	99
70) Pentachlorophenol	17.16	266	232077	92.110	nq	98
71) Phenanthrene	17.57	178	749532	41.634	nq	99
72) Anthracene	17.66	178	762302	42.126	nq	99
73) Carbazole	17.93	167	696681	42.257	nq	99
74) Di-n-butylphthalate	18.47	149	834488	41.936	nq	99
75) Fluoranthene	19.57	202	1009618	45.003	nq	98
77) Benzidine	19.75	184	389108	35.506	nq	98
78) Pyrene	19.93	202	1010026	40.263	nq	99
80) Butylbenzylphthalate	20.80	149	402722	41.189	nq	99
81) Benzo(a)anthracene	21.80	228	999102	39.496	nq	99
82) 3,3'-Dichlorobenzidine	21.71	252	234443	26.002	nq	100
83) Chrysene	21.87	228	985749	40.975	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	562064	39.824	nq	100
85) Di-n-octyl phthalate	22.94	149	961074	40.433	nq	100
86) Indeno(1,2,3-cd)pyrene	29.07	276	1182227	40.645	nq	# 92
88) Benzo(b)fluoranthene	24.11	252	1035870	43.023	nq	98
89) Benzo(k)fluoranthene	24.18	252	986405	43.869	nq	98
90) Benzo(a)pyrene	25.03	252	995730	43.690	nq	98
91) Dibenzo(a,h)anthracene	29.15	278	969259	42.026	nq	97
92) Benzo(g,h,i)perylene	30.30	276	965005	42.041	nq	98

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

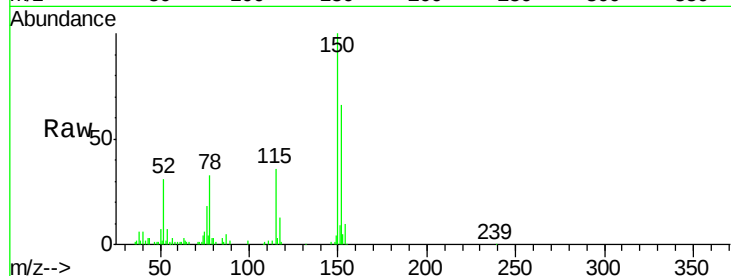


#1

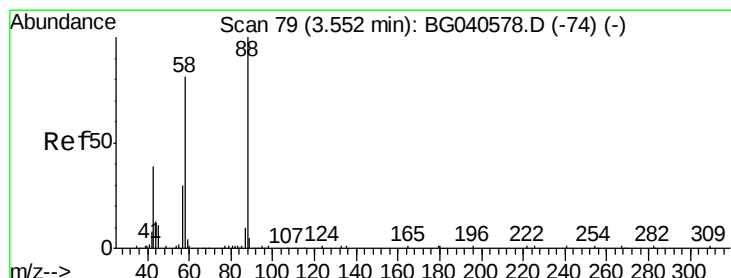
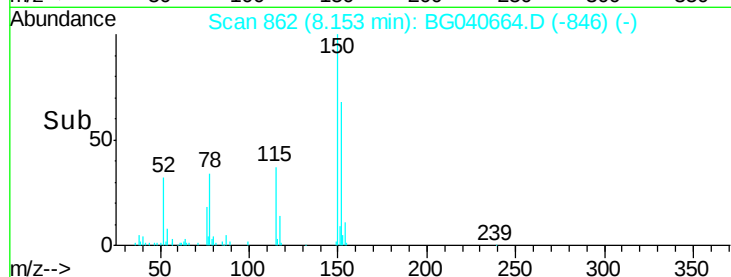
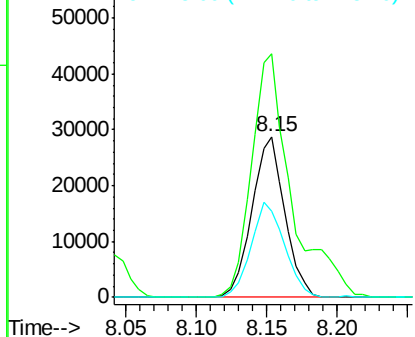
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 46963
Ion Ratio Lower Upper
152 100
150 151.2 120.2 180.2
115 53.9 46.2 69.2



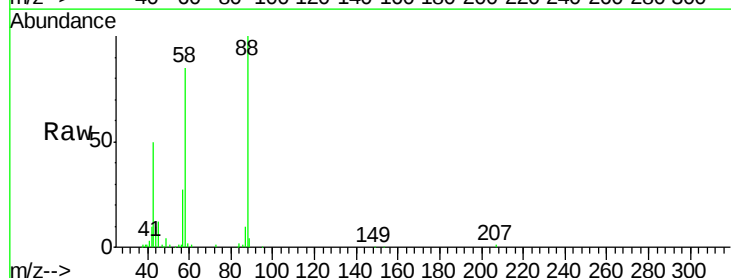
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



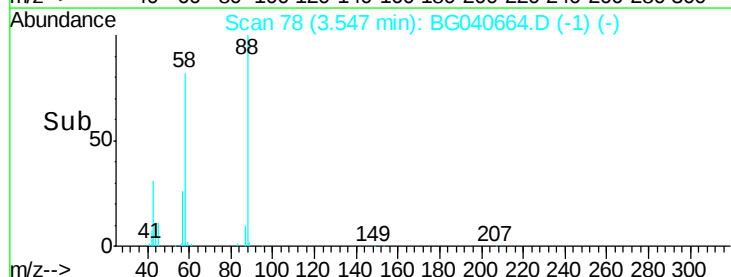
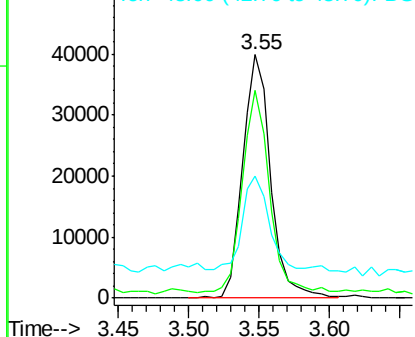
#2

1,4-Dioxane
Concen: 45.542 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion: 88 Resp: 55179
Ion Ratio Lower Upper
88 100
58 81.4 71.2 106.8
43 36.3 35.6 53.4



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





#3

Pvridine

Concen: 37.323 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

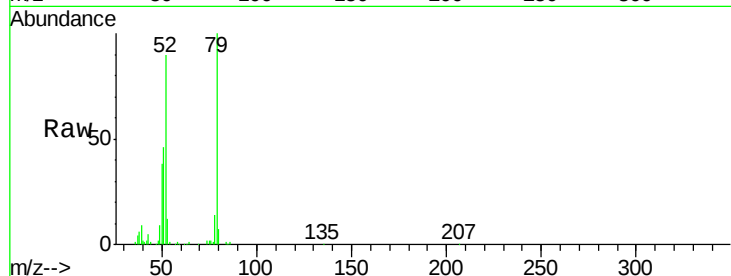
Tot Ion: 79 Resp: 131074

Ion Ratio Lower Upper

79 100

52 90.1 67.5 101.3

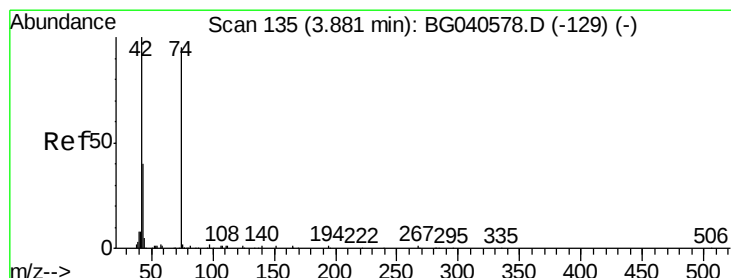
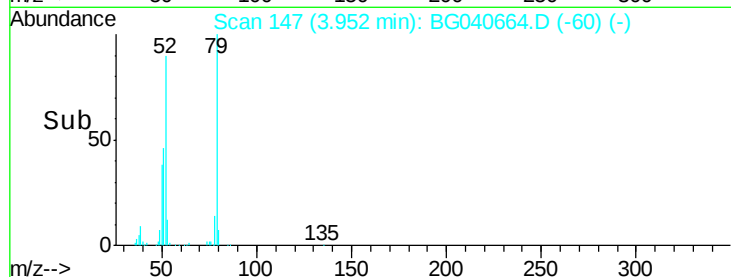
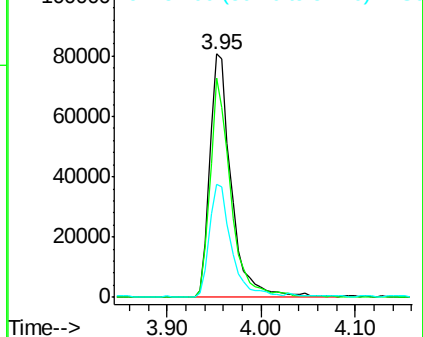
51 46.4 35.6 53.4



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: 38.098 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

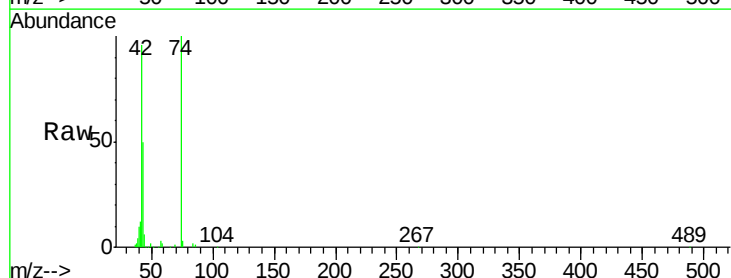
Tgt Ion: 42 Resp: 74212

Ion Ratio Lower Upper

42 100

74 104.4 74.6 111.8

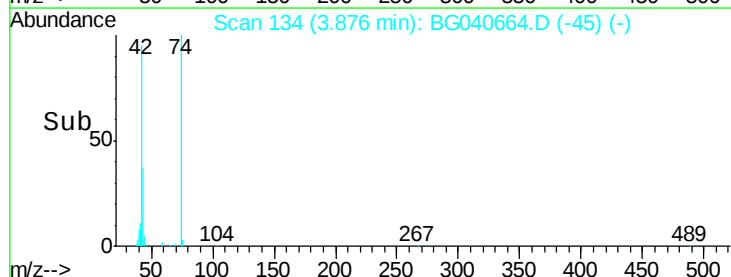
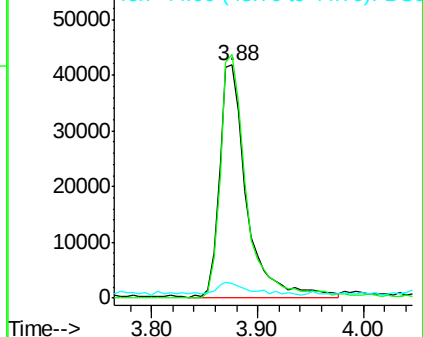
44 6.4 7.4 11.0#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 85.960 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040664.D

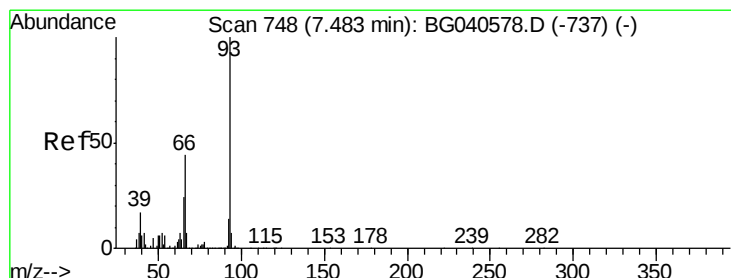
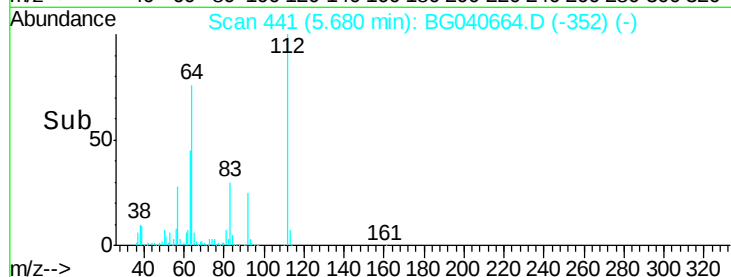
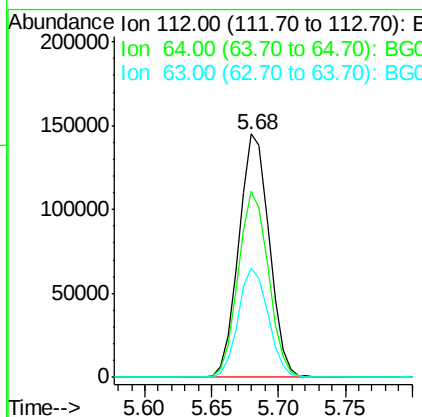
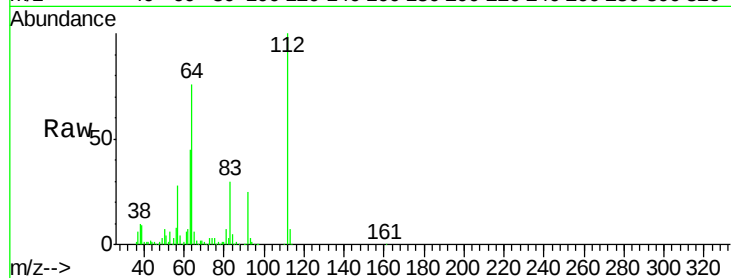
Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	229012
Ion	Ratio	Lower	Upper
112	100		
64	76.3	61.4	92.0
63	44.9	37.8	56.6



#6

Aniline

Concen: 24.479 ng

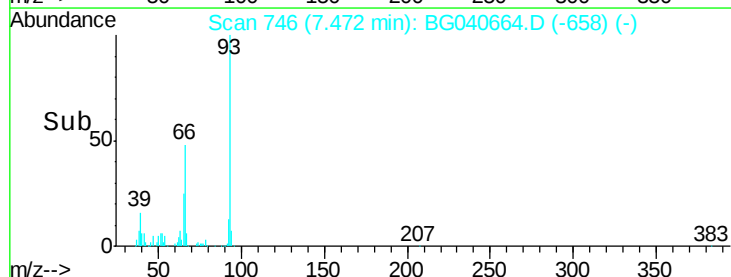
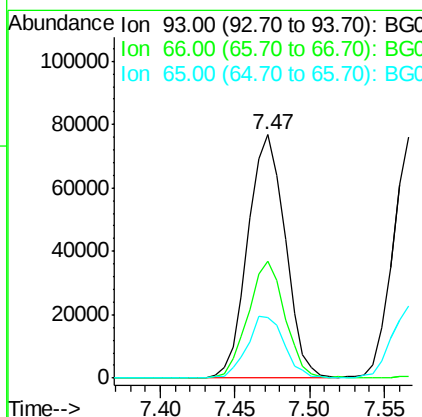
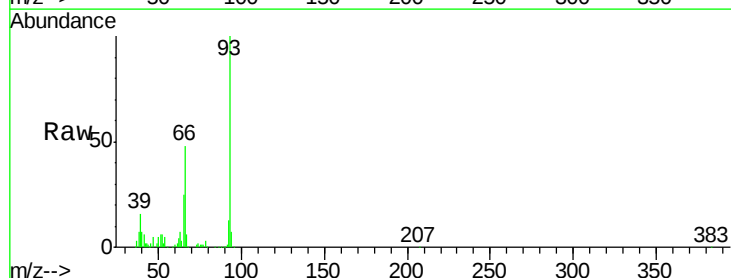
RT: 7.47 min Scan# 746

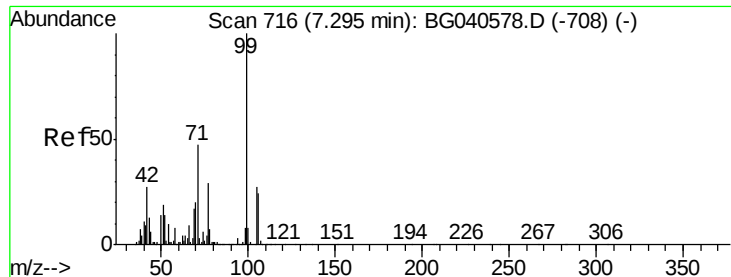
Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Tgt Ion:	93	Resp:	133097
Ion	Ratio	Lower	Upper
93	100		
66	47.9	35.5	53.3
65	24.9	19.2	28.8





#7

Phenol-d6

Concen: 78.957 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

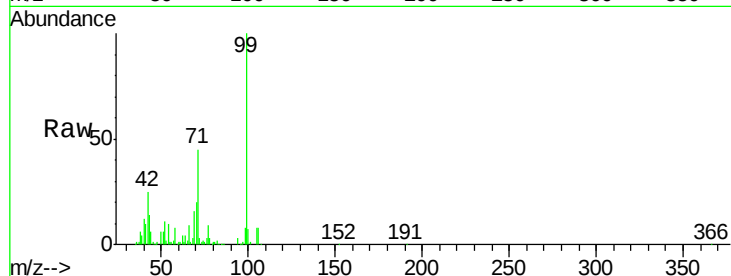
Tot Ion: 99 Resp: 323887

Ion Ratio Lower Upper

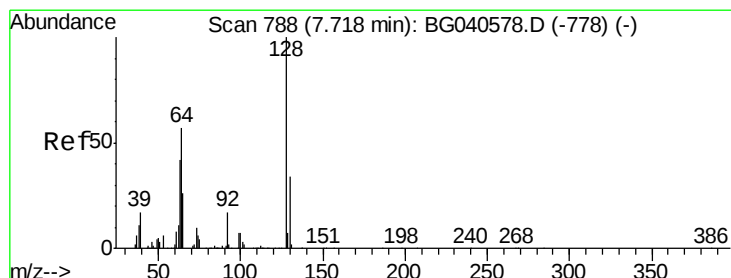
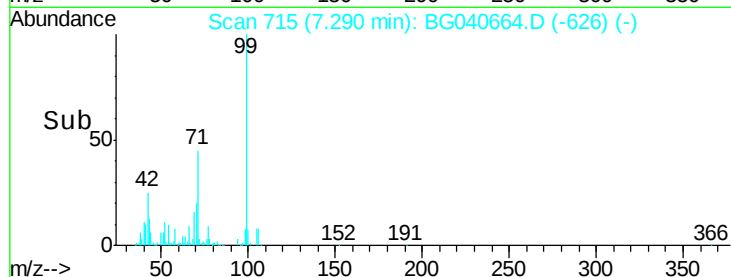
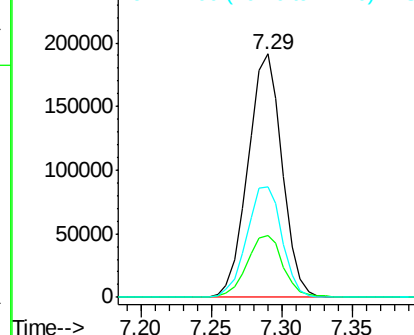
99 100

42 25.3 21.8 32.8

71 45.3 38.6 57.8



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



#8

2-Chlorophenol

Concen: 39.702 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

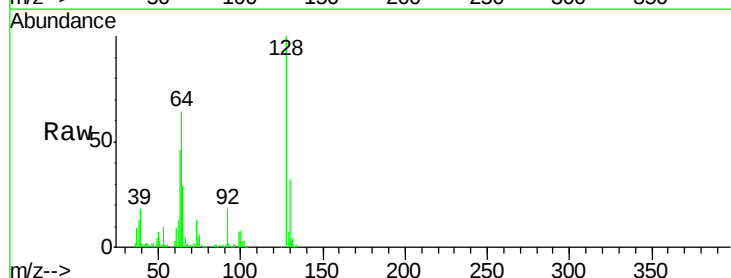
Tgt Ion:128 Resp: 129153

Ion Ratio Lower Upper

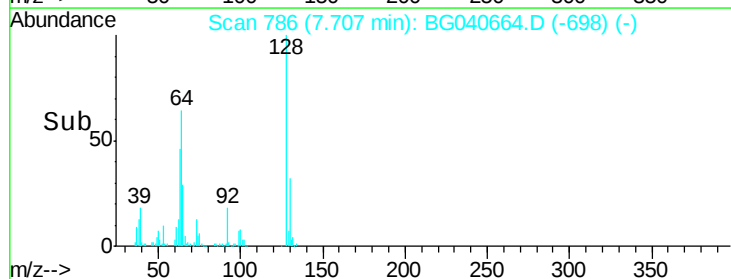
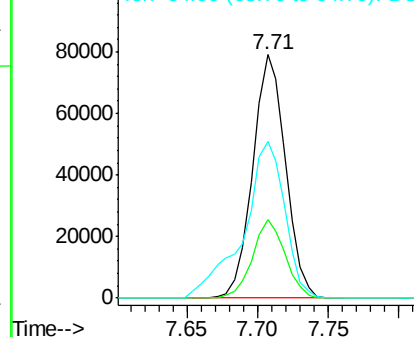
128 100

130 32.1 14.5 54.5

64 64.2 38.4 78.4



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





#9

Benzaldehyde

Concen: 9.043 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

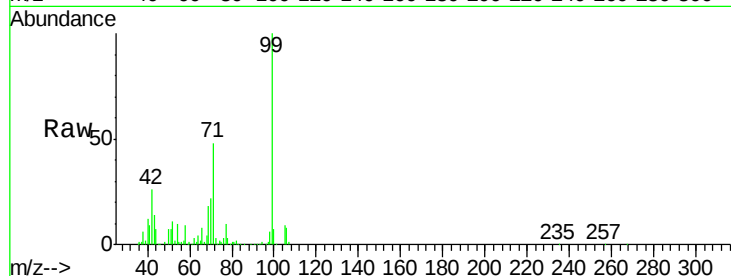
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 33217

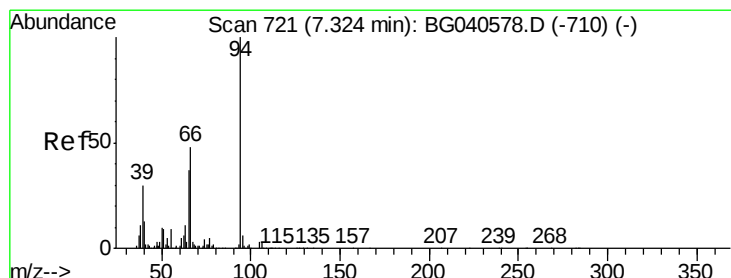
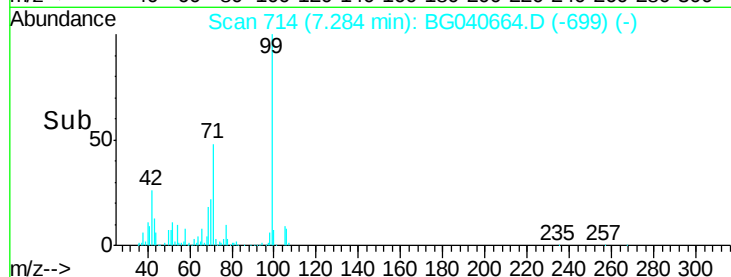
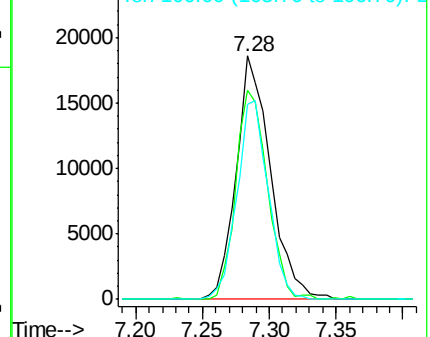
Ion	Ratio	Lower	Upper
77	100		
105	85.9	72.0	112.0
106	80.3	61.2	101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.455 ng

RT: 7.31 min Scan# 719

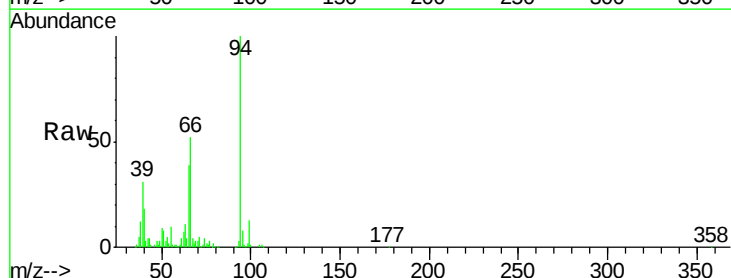
Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Tgt Ion: 94 Resp: 182797

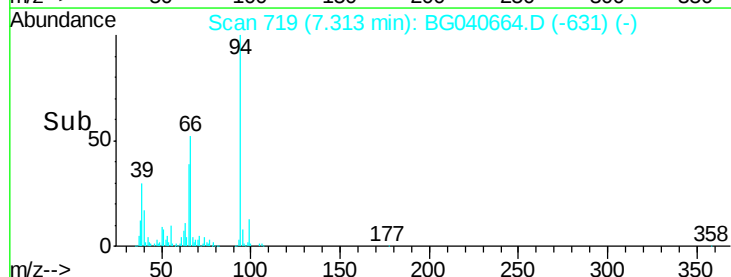
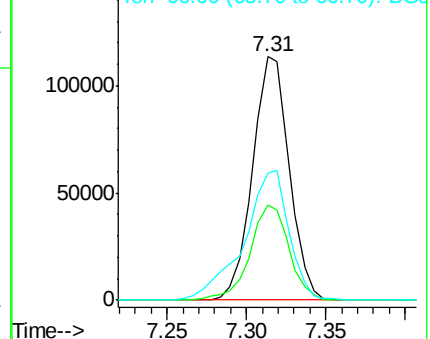
Ion	Ratio	Lower	Upper
94	100		
65	39.3	17.0	57.0
66	52.2	28.6	68.6

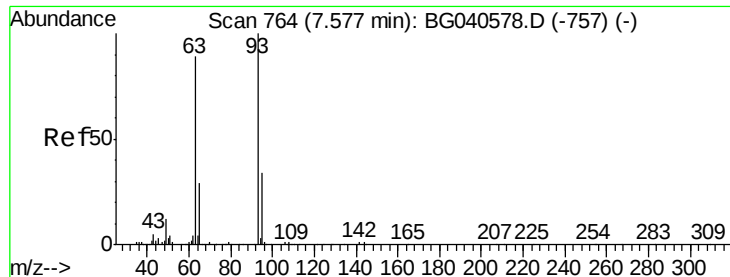


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

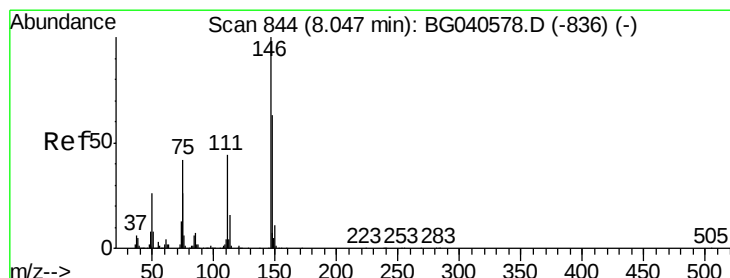
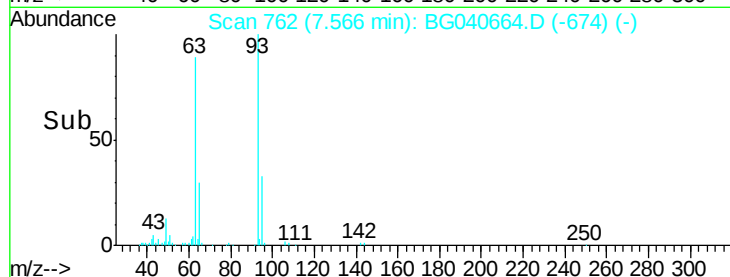
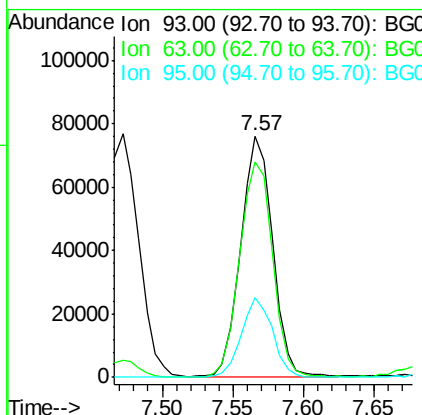
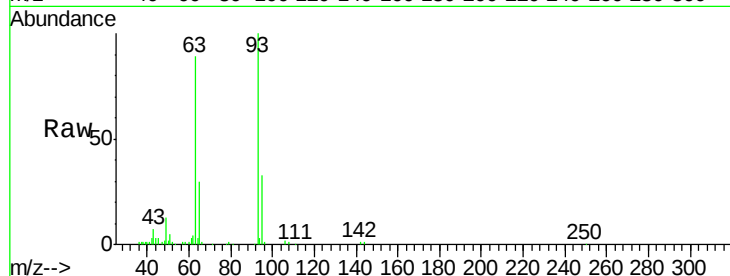




#11
bis(2-Chloroethyl)ether
Concen: 36.143 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

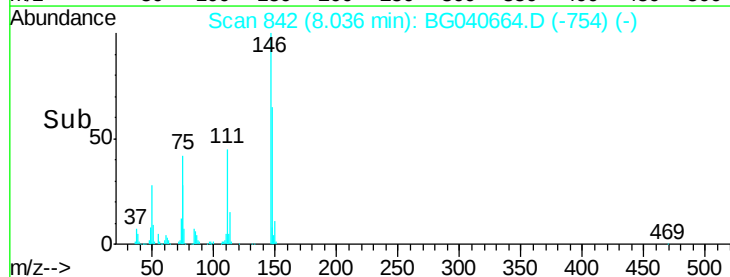
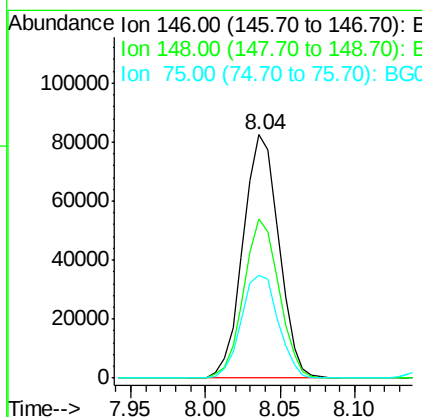
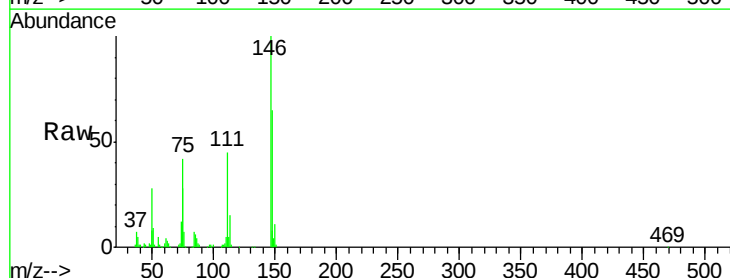
Instrument :
BNA_G
ClientSampleId :

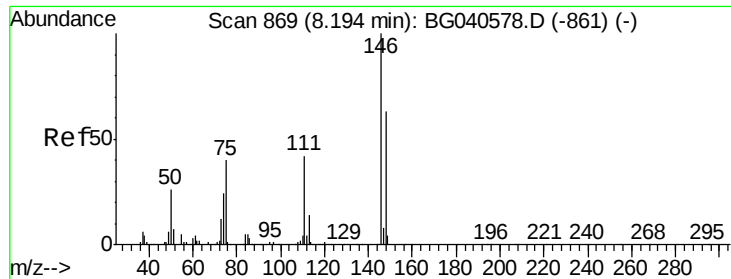
Tot Ion: 93 Resp: 119512
Ion Ratio Lower Upper
93 100
63 89.0 68.2 108.2
95 32.9 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 38.542 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion: 146 Resp: 136851
Ion Ratio Lower Upper
146 100
148 65.4 50.7 76.1
75 42.4 33.4 50.2

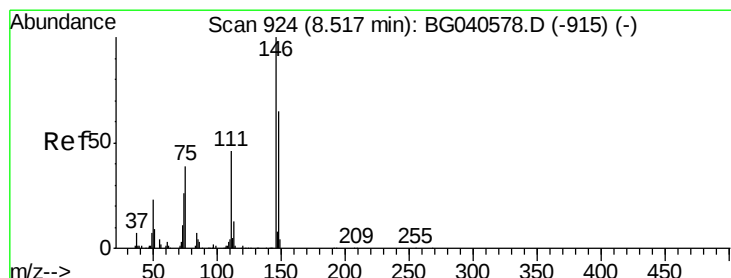
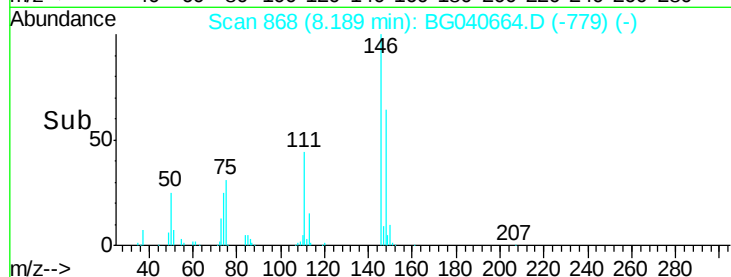
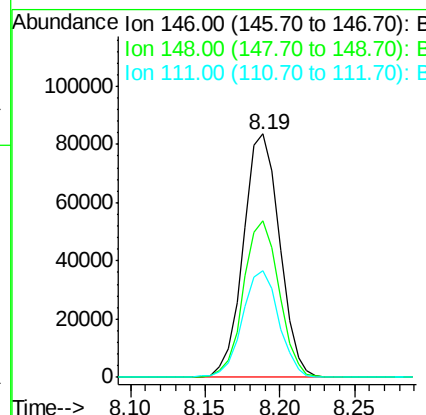
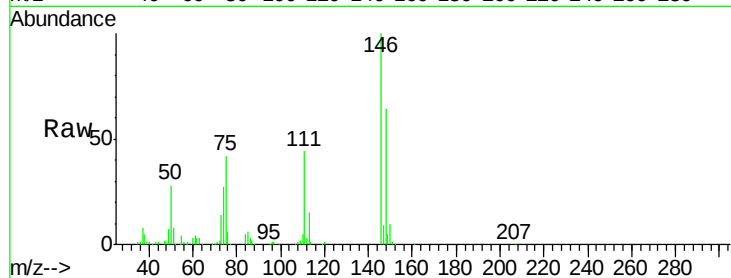




#13
 1,4-Dichlorobenzene
 Concen: 38.988 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

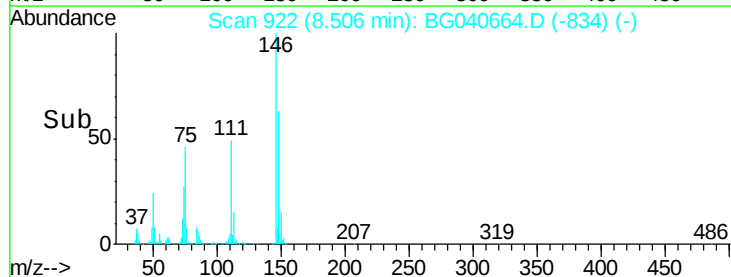
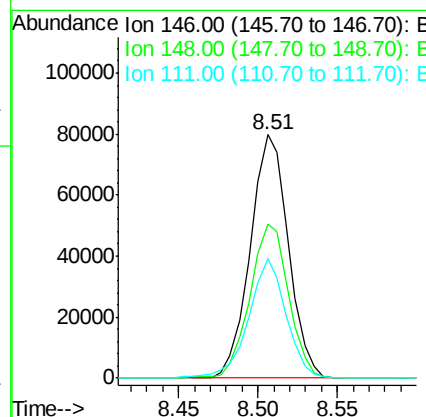
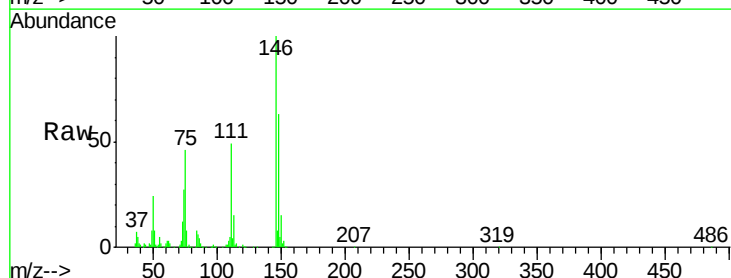
Instrument :
 BNA_G
 ClientSampleId :

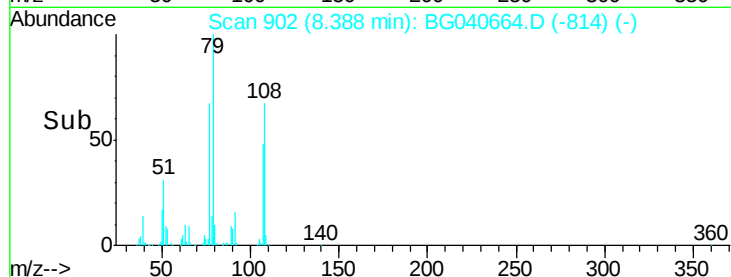
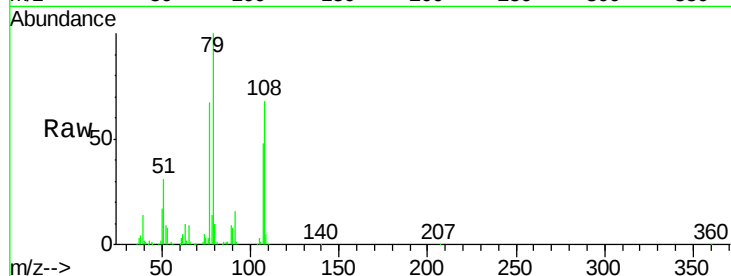
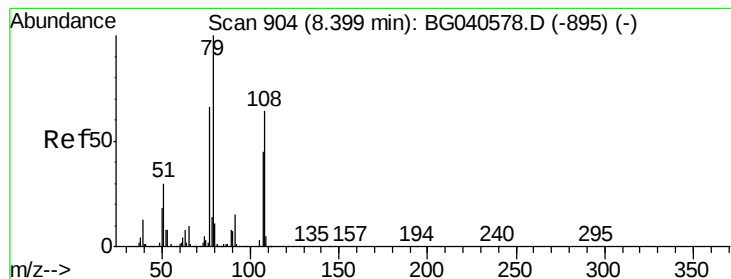
Tot Ion:146 Resp: 140335
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 43.9 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 38.342 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

Tgt Ion:146 Resp: 133096
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.4
 111 49.0 37.4 56.0





#15

Benzyl Alcohol

Concen: 35.718 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

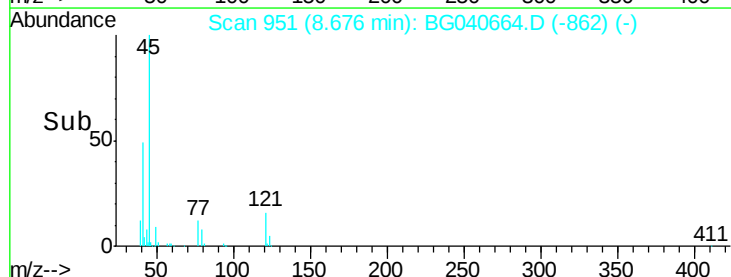
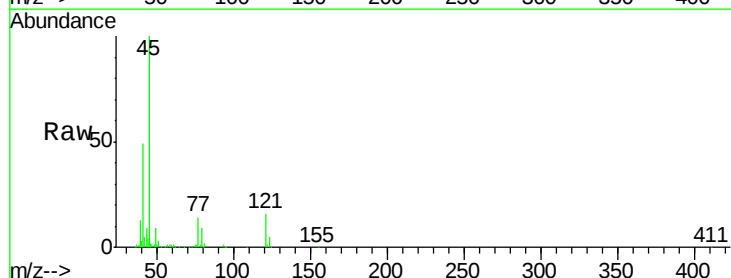
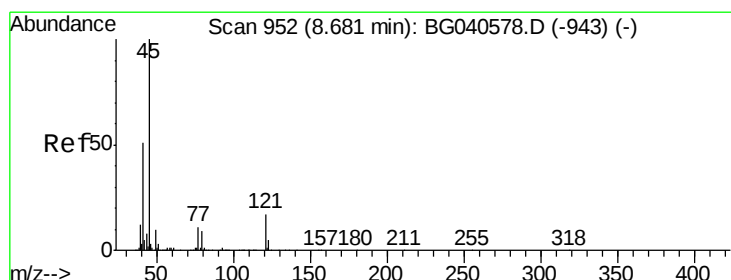
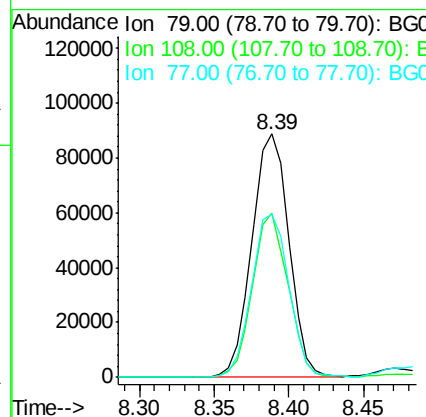
Tot Ion: 79 Resp: 152452

Ion Ratio Lower Upper

79 100

108 67.5 51.4 77.0

77 66.8 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.562 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

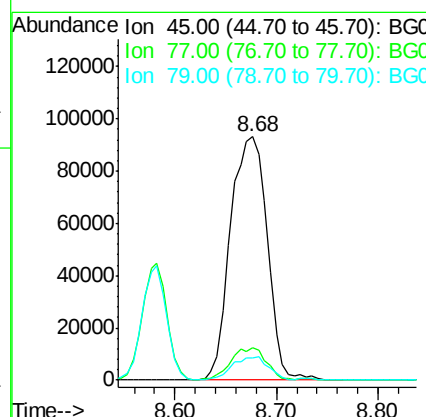
Tgt Ion: 45 Resp: 234113

Ion Ratio Lower Upper

45 100

77 13.6 0.0 31.5

79 8.9 0.0 29.4





#17

2-Methylphenol

Concen: 39.511 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 123295

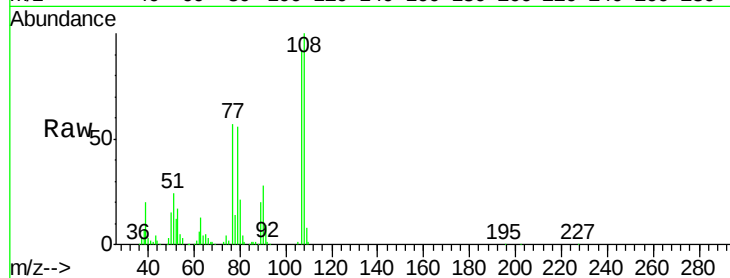
Ion Ratio Lower Upper

107 100

108 108.4 81.2 121.8

77 62.0 44.4 66.6

79 60.9 47.0 70.4

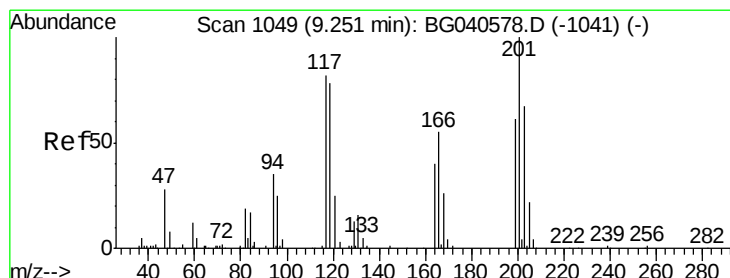
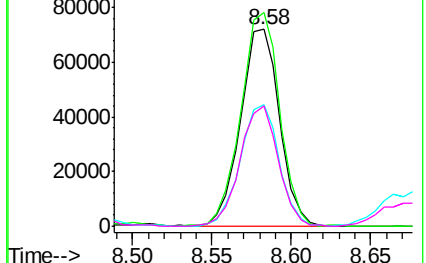
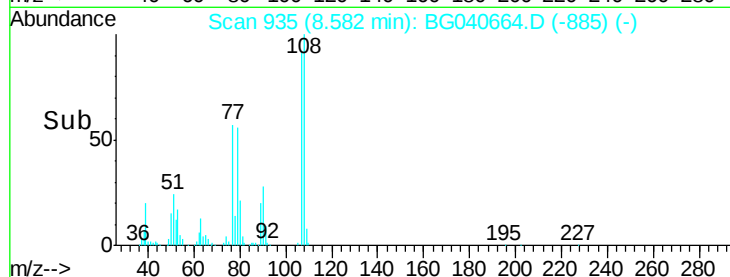


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.079 ng

RT: 9.24 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

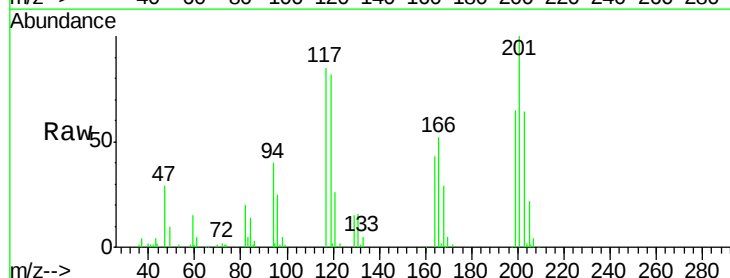
Tgt Ion:117 Resp: 56224

Ion Ratio Lower Upper

117 100

119 96.4 76.6 114.8

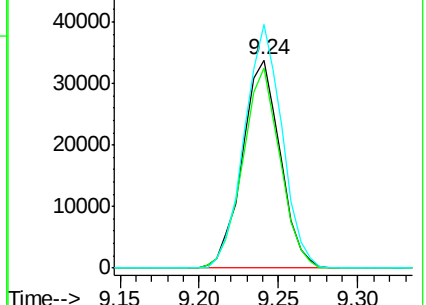
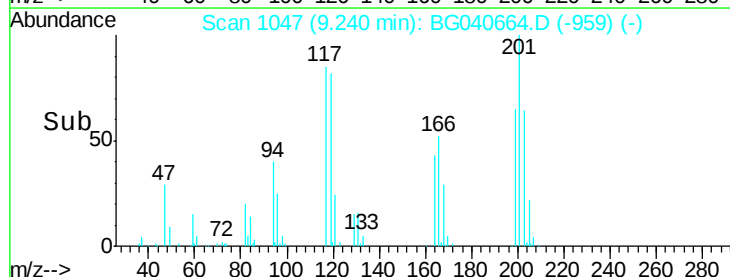
201 117.1 101.0 151.6

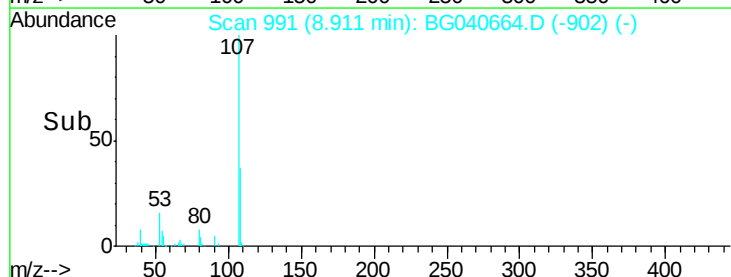
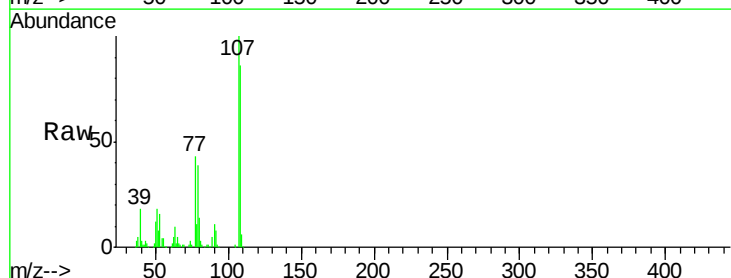
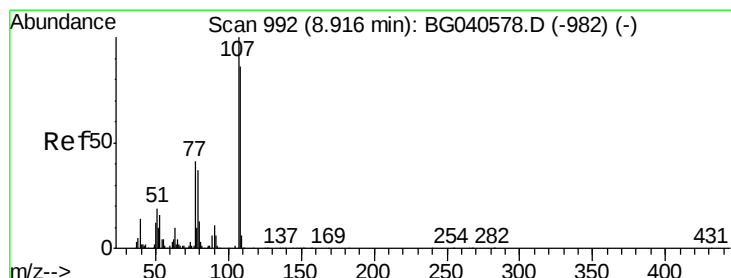
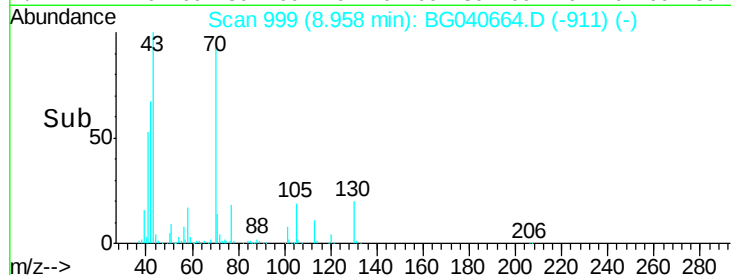
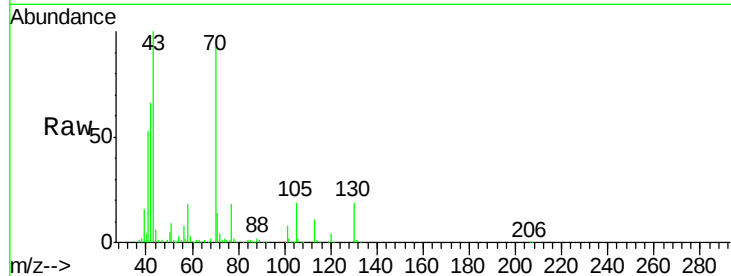
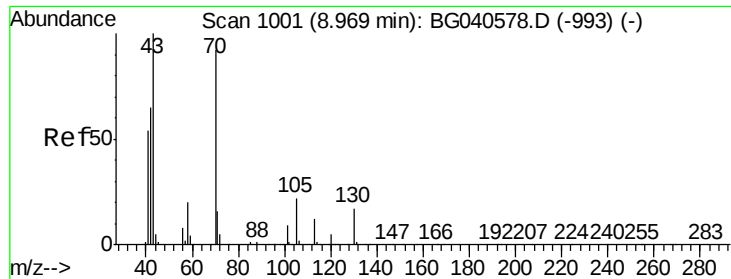


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

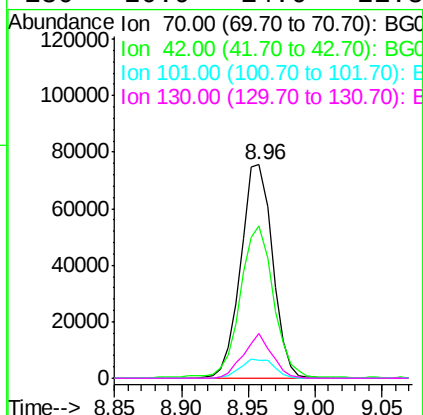




#19
n-Nitroso-di-n-propylamine
Concen: 33.743 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

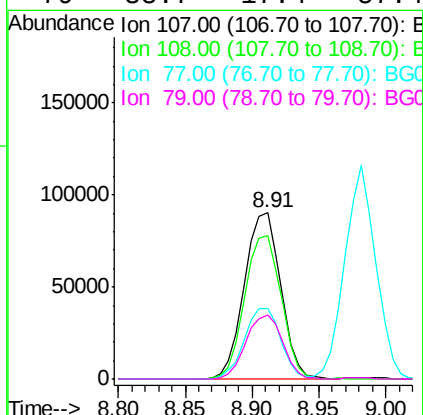
Instrument :
BNA_G
ClientSampleId :

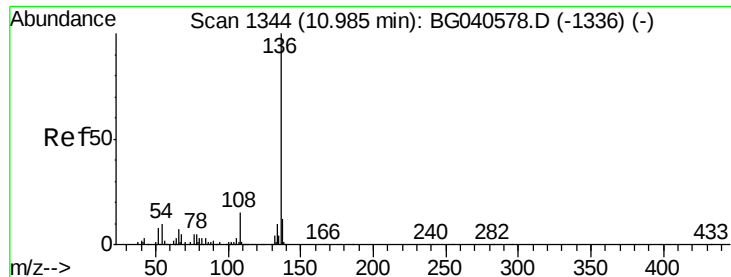
Tot Ion:	70	Resp:	124598
Ion	Ratio	Lower	Upper
70	100		
42	71.2	57.1	85.7
101	8.7	7.8	11.8
130	20.9	14.6	21.8



#20
3+4-Methylphenols
Concen: 39.133 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion:	107	Resp:	170117
Ion	Ratio	Lower	Upper
107	100		
108	86.2	66.1	106.1
77	42.6	21.6	61.6
79	38.7	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 181271

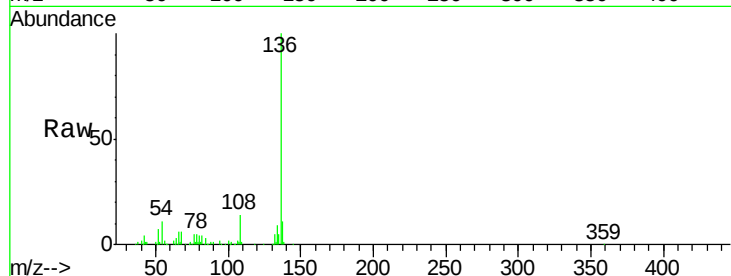
Ion Ratio Lower Upper

136 100

137 10.9 9.7 14.5

54 10.6 8.6 12.8

68 5.8 4.8 7.2

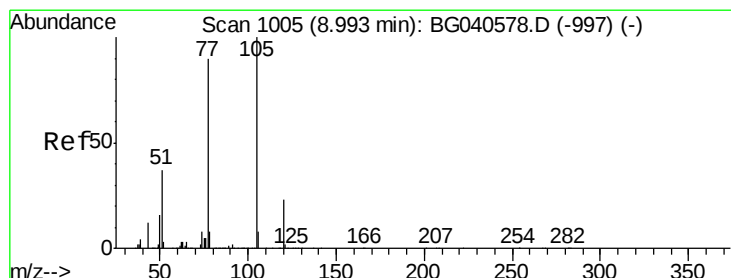
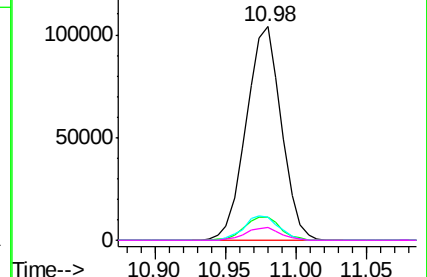
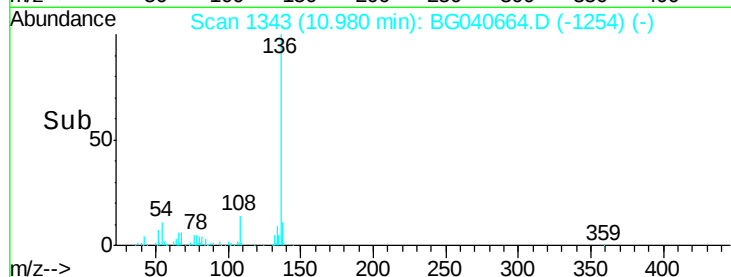


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.711 ng

RT: 8.98 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Tgt Ion:105 Resp: 215293

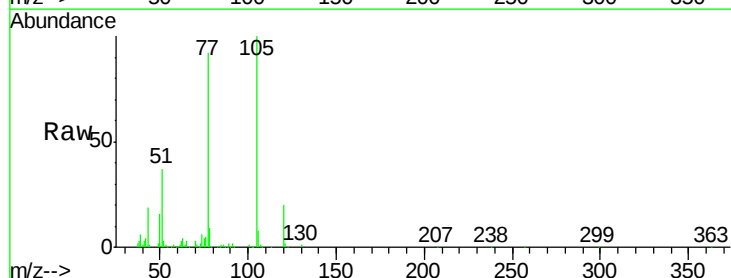
Ion Ratio Lower Upper

105 100

71 0.6 1.8 2.8#

51 37.3 29.8 44.8

120 19.8 18.4 27.6

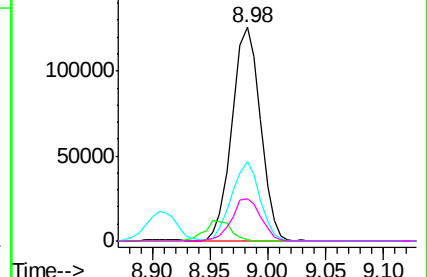
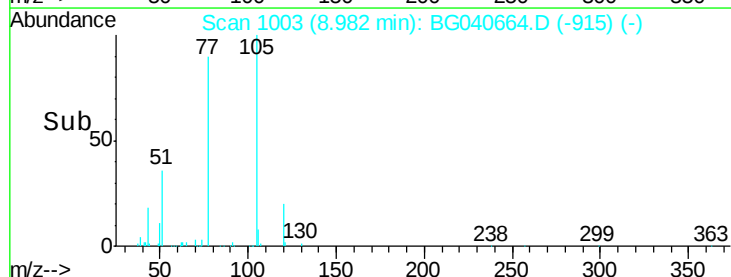


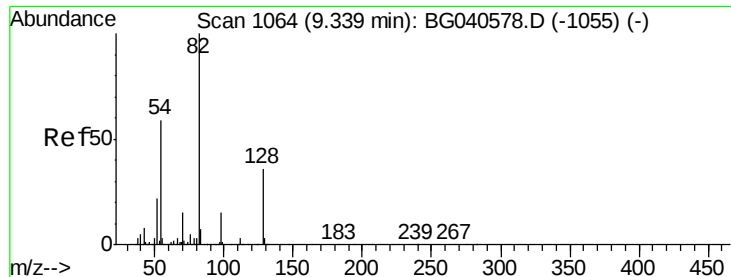
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

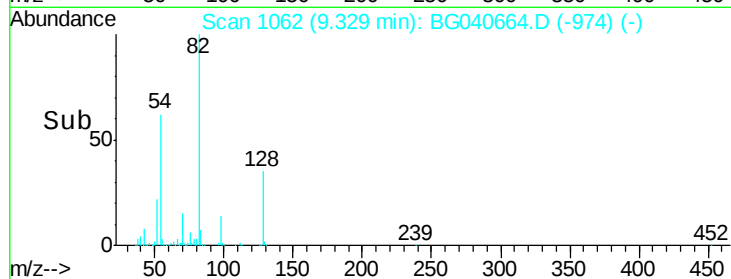
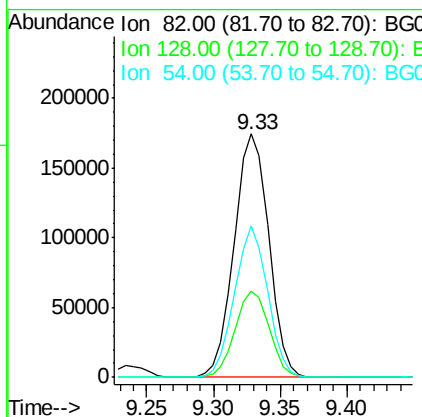
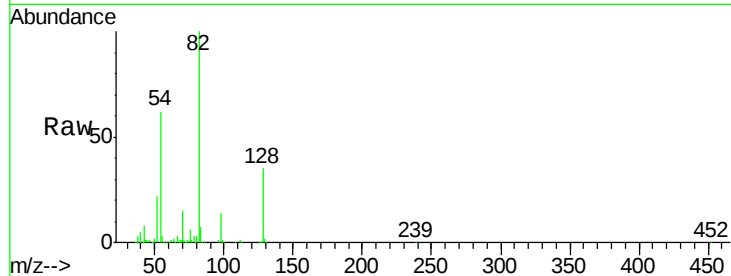




#23
Nitrobenzene-d5
Concen: 79.992 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

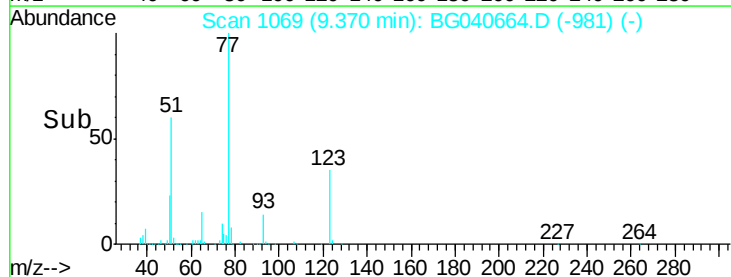
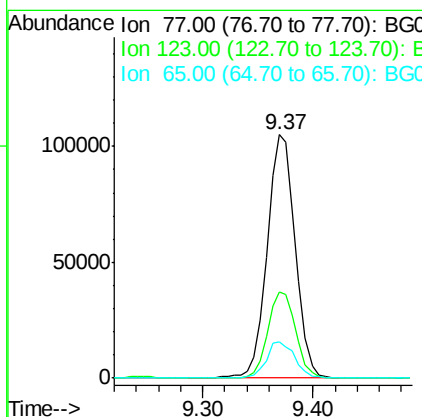
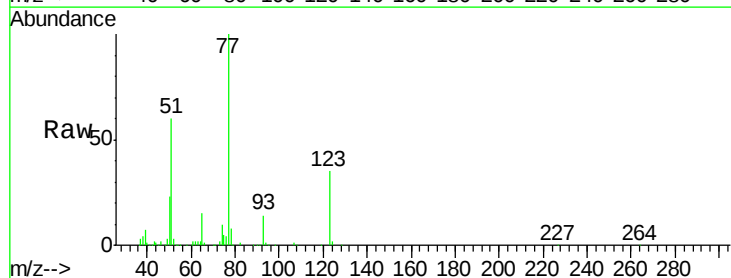
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	313815
Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.9	43.3
54	62.0	47.2	70.8



#24
Nitrobenzene
Concen: 44.353 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion	77	Resp	185648
Ion	Ratio	Lower	Upper
77	100		
123	35.4	27.8	41.6
65	15.0	12.4	18.6





#25

Isophorone

Concen: 38.127 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

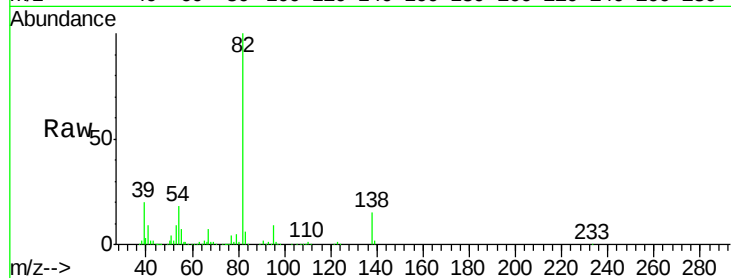
Tot Ion: 82 Resp: 333182

Ion Ratio Lower Upper

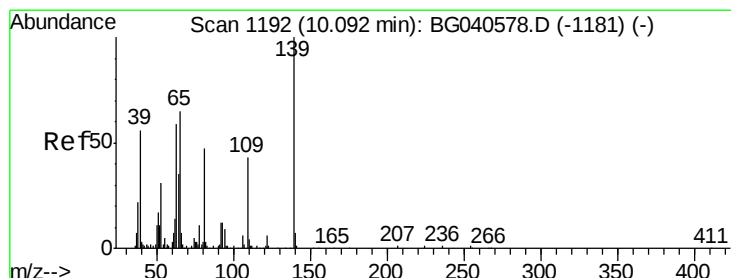
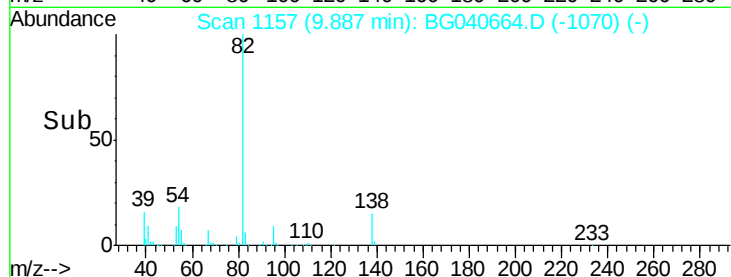
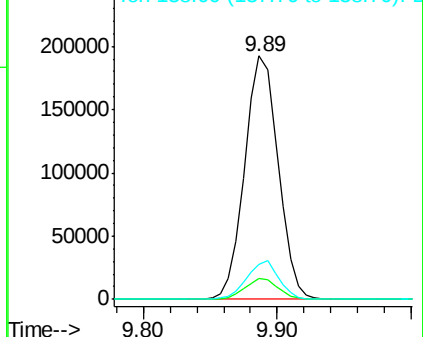
82 100

95 8.6 6.9 10.3

138 14.6 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 47.603 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

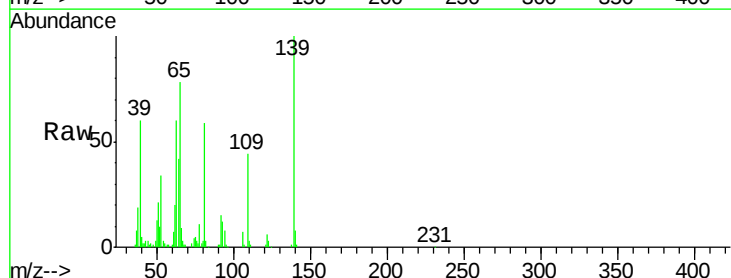
Tgt Ion: 139 Resp: 71423

Ion Ratio Lower Upper

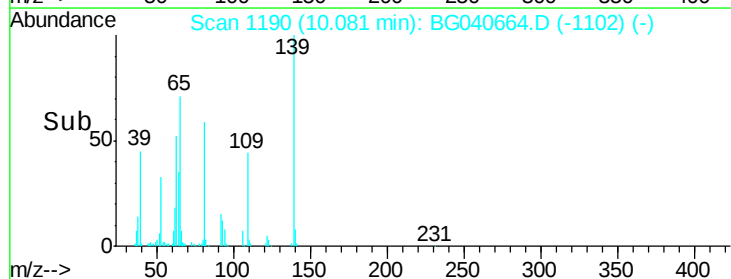
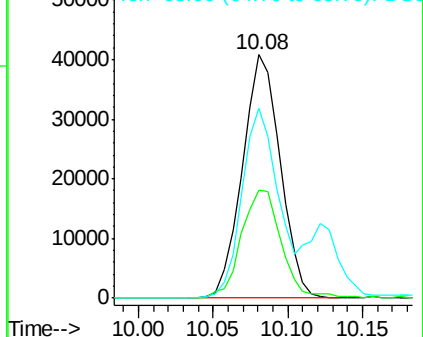
139 100

109 44.1 35.6 53.4

65 78.0 52.3 78.5



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

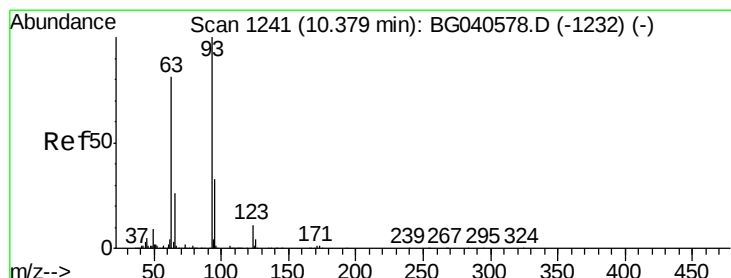
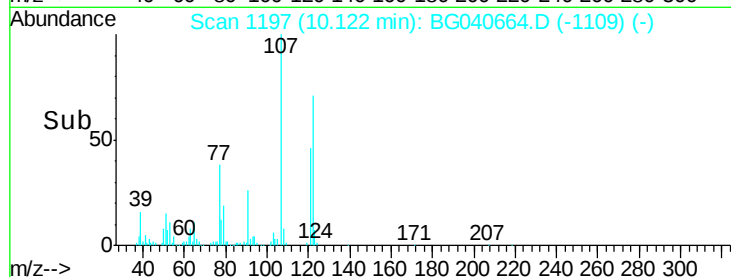
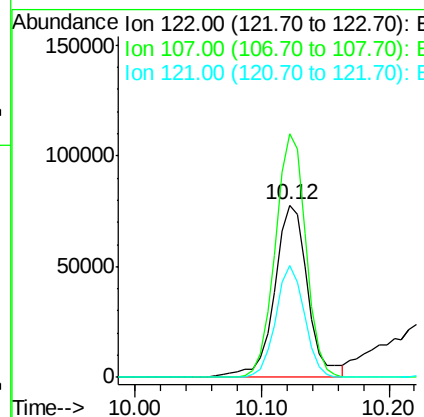
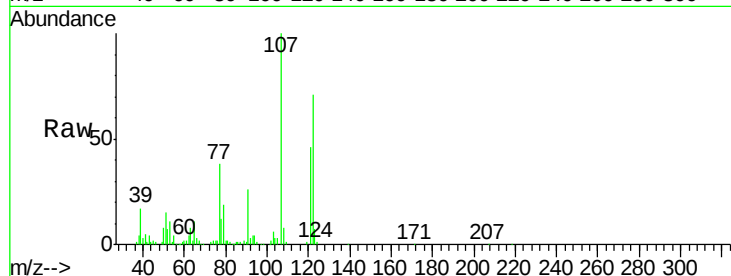




#27
2,4-Dimethylphenol
Concen: 50.183 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

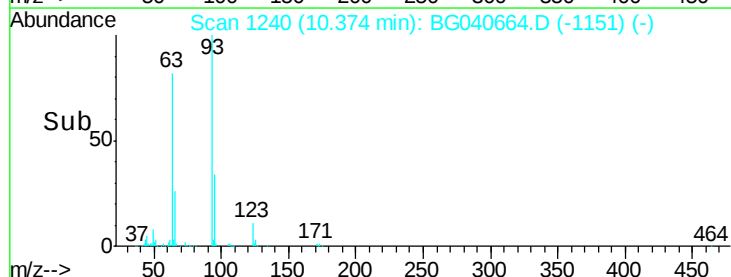
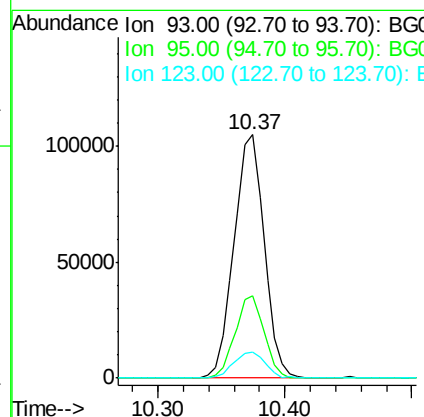
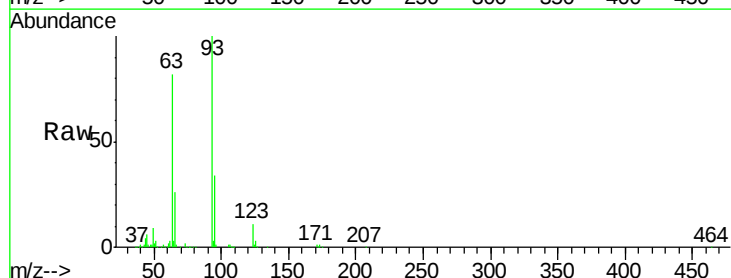
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.1	110.1	165.1
121	64.6	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.458 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	40.0
123	10.7	9.0	13.4

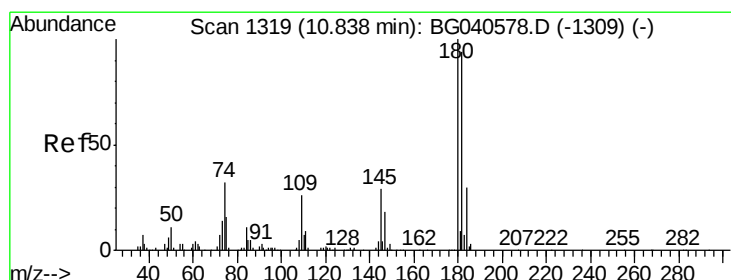
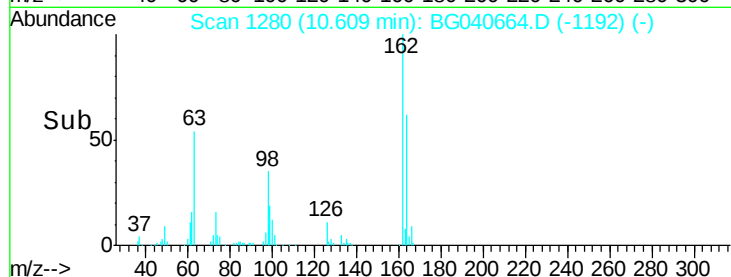
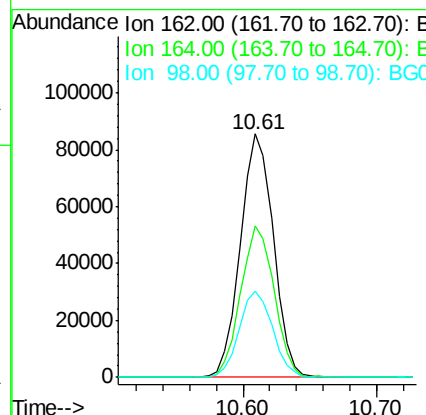
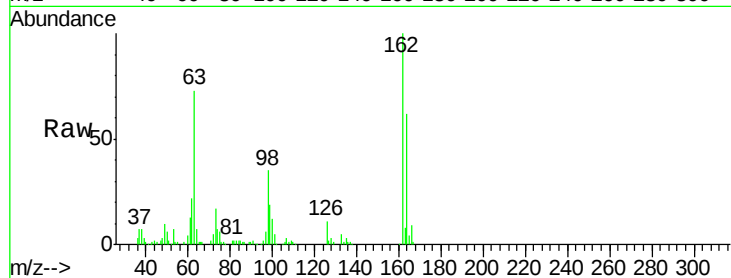




#29
2,4-Dichlorophenol
Concen: 45.710 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

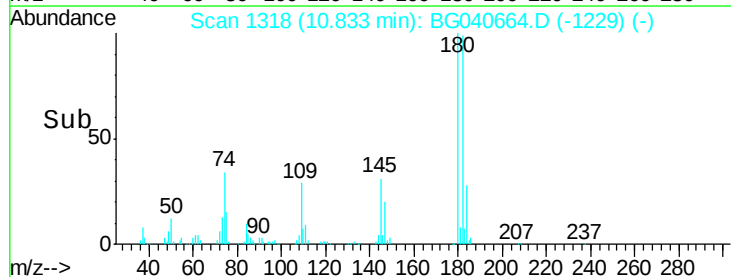
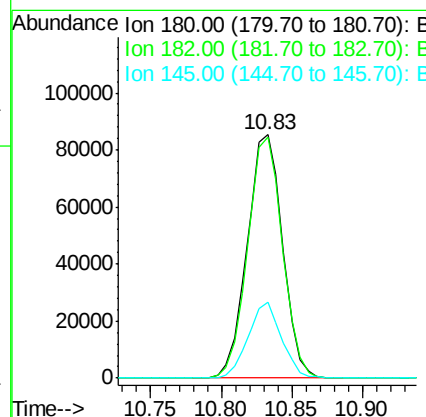
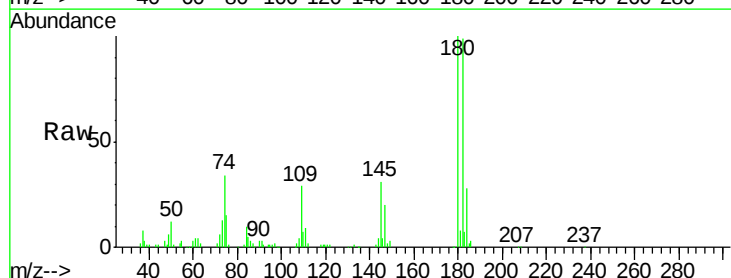
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	38.9	78.9
98	35.3	16.8	56.8



#30
1,2,4-Trichlorobenzene
Concen: 42.130 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	75.2	112.8
145	30.9	23.6	35.4

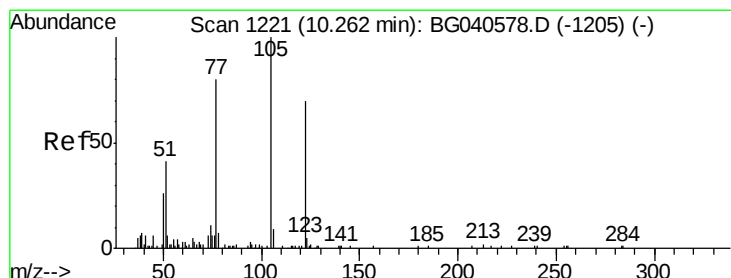
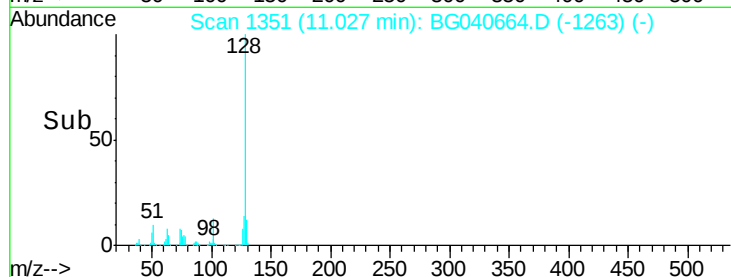
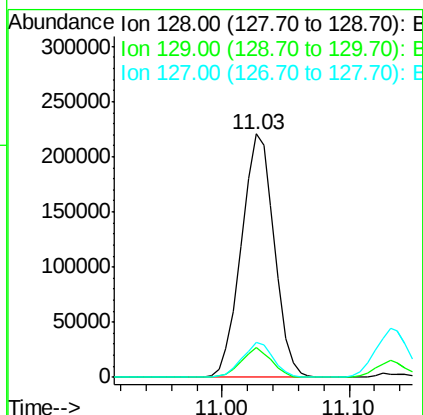
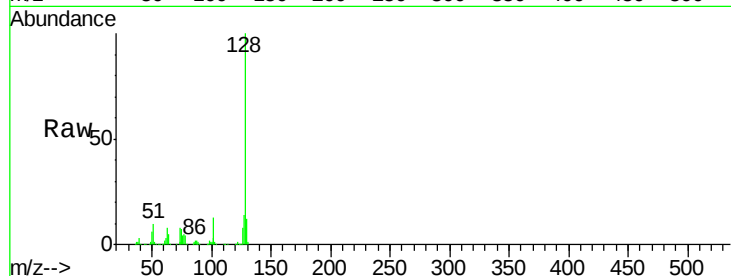




#31
Naphthalene
Concen: 41.206 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

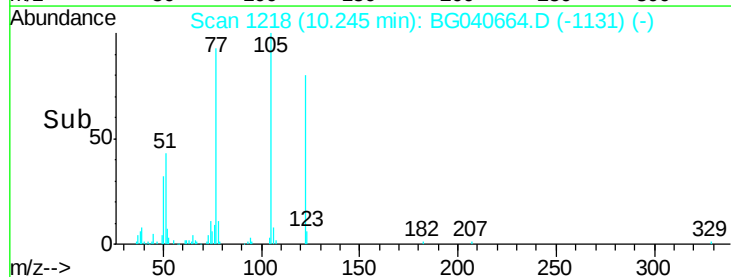
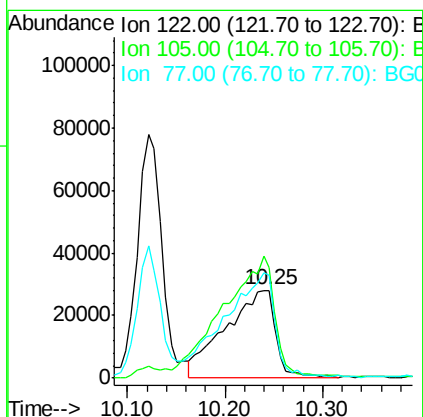
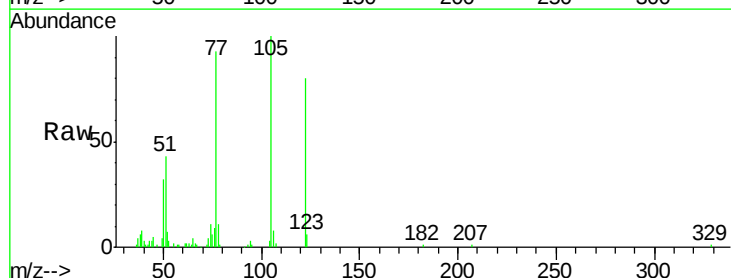
Instrument :
BNA_G
ClientSampleId :

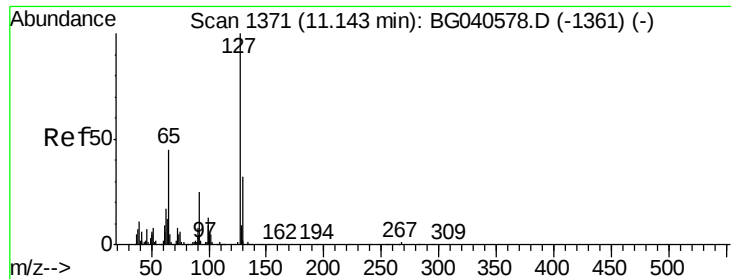
Tot Ion:128	Resp:	396828
Ion	Ratio	Lower Upper
128	100	
129	12.1	9.0 13.6
127	14.5	11.3 16.9



#32
Benzoic acid
Concen: 52.233 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion:122	Resp:	100663
Ion	Ratio	Lower Upper
122	100	
105	125.1	110.9 150.9
77	116.1	87.6 127.6

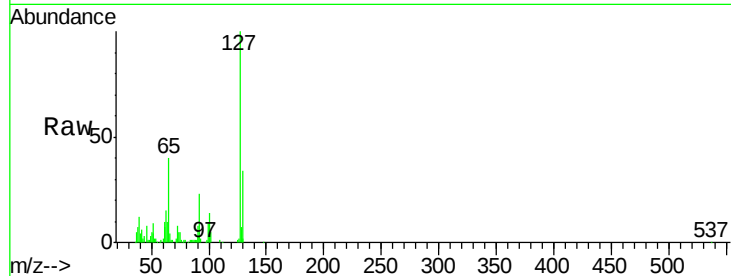




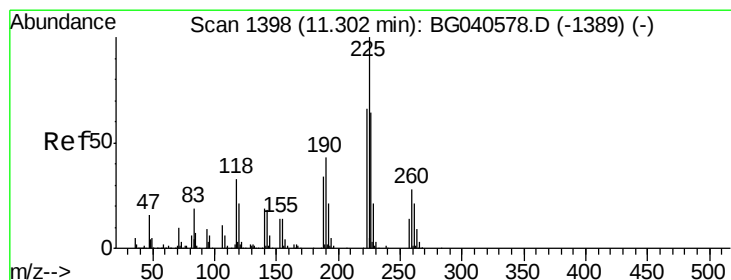
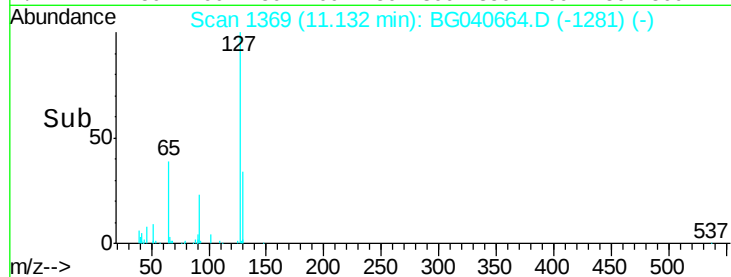
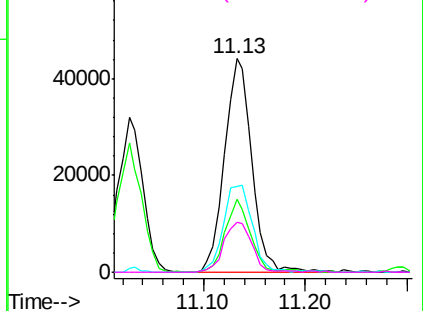
#33
4-Chloroaniline
Concen: 19.284 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 82339
Ion Ratio Lower Upper
127 100
129 34.1 25.7 38.5
65 40.1 36.1 54.1
92 23.2 20.1 30.1

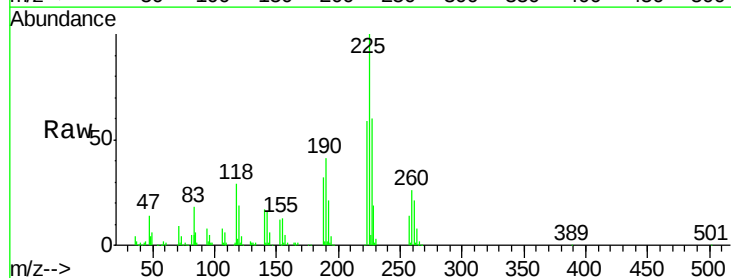


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

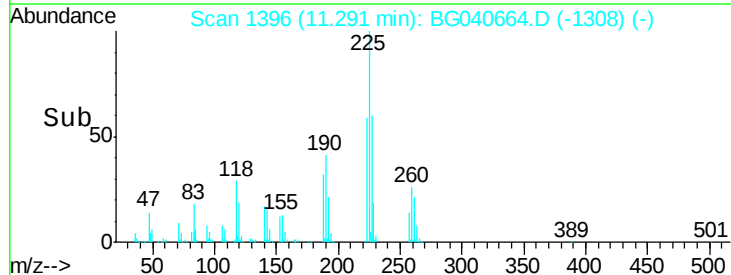
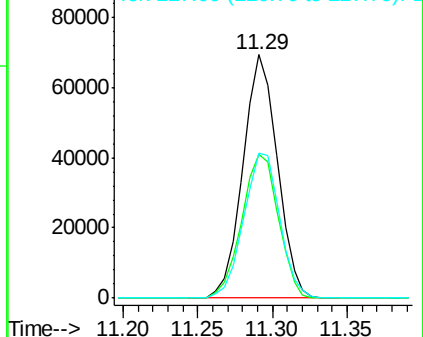


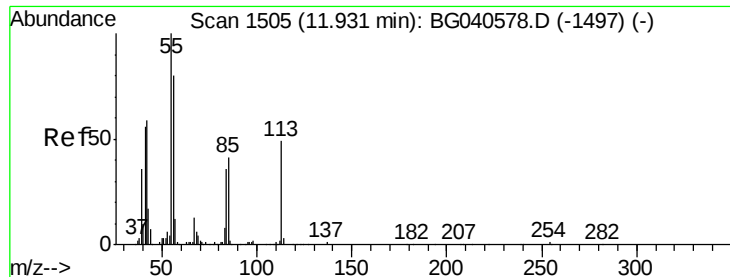
#34
Hexachlorobutadiene
Concen: 42.153 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion:225 Resp: 110449
Ion Ratio Lower Upper
225 100
223 59.3 50.4 75.6
227 59.5 51.0 76.6



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





#35

Caprolactam

Concen: 24.381 ng

RT: 11.91 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

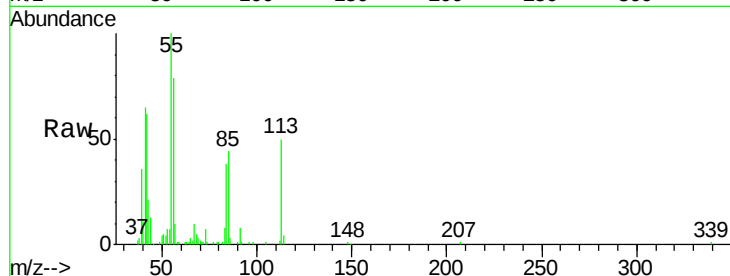
Instrument :

BNA_G

ClientSampleId :

Tot Ion:113 Resp: 30807

Ion	Ratio	Lower	Upper
113	100		
55	201.4	198.6	238.6
56	158.8	148.4	188.4

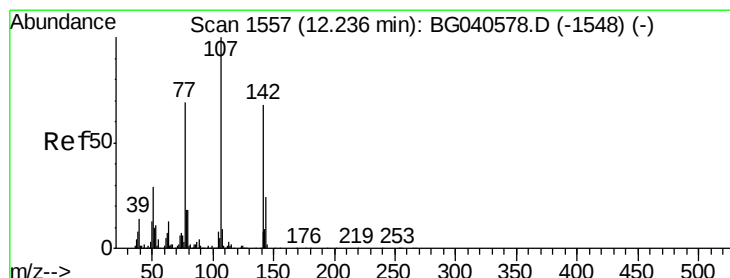
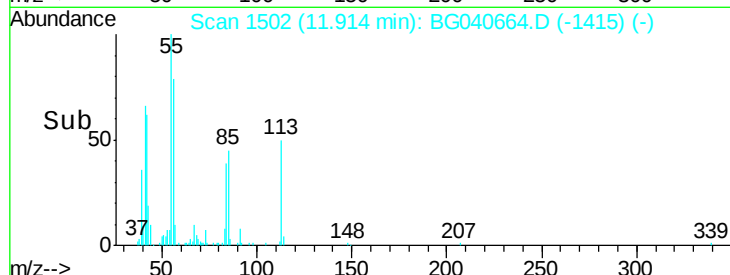
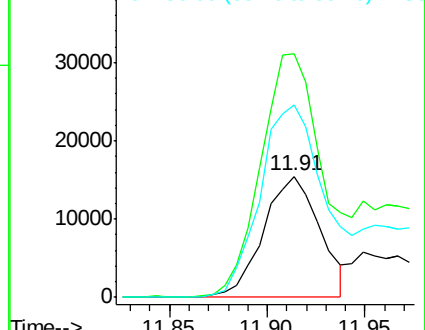


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.173 ng

RT: 12.23 min Scan# 1556

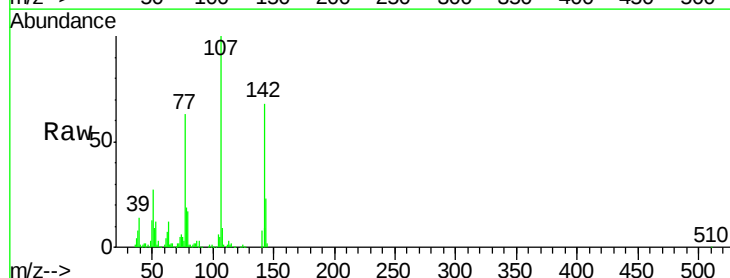
Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Tgt Ion:107 Resp: 170269

Ion	Ratio	Lower	Upper
107	100		
144	22.7	19.3	28.9
142	68.0	54.6	81.8

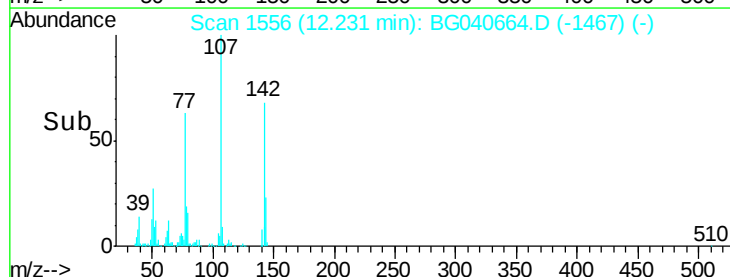
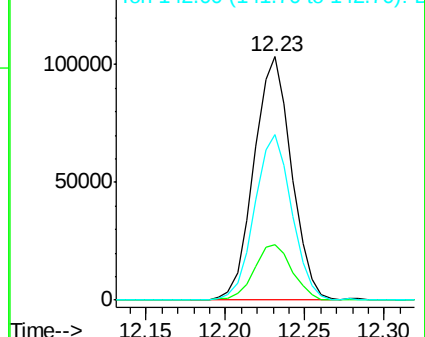


Abundance

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

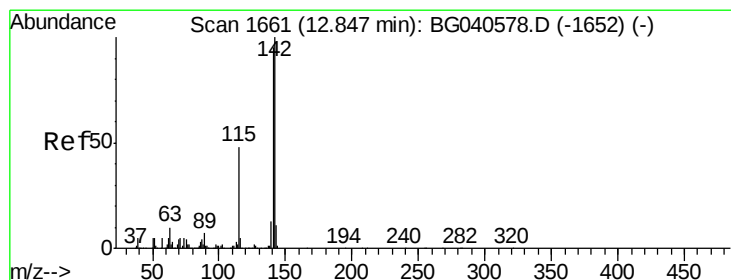
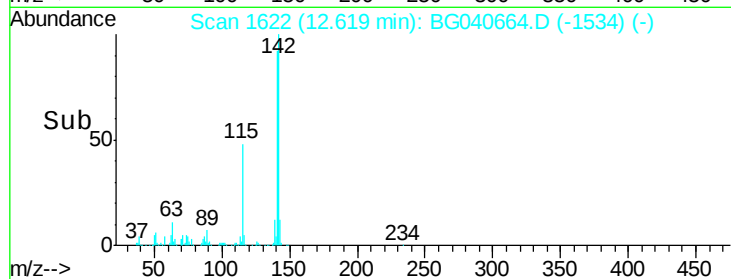
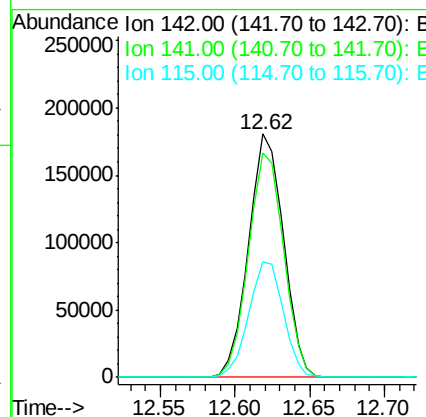
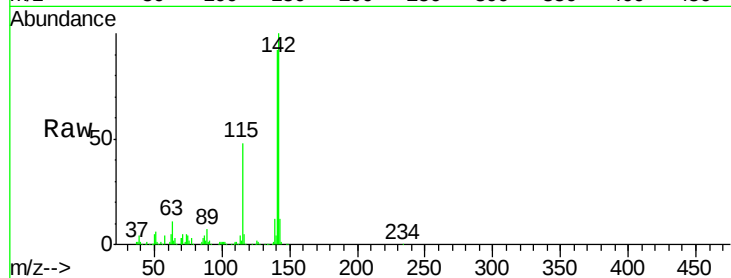




#37
2-Methylnaphthalene
Concen: 40.610 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

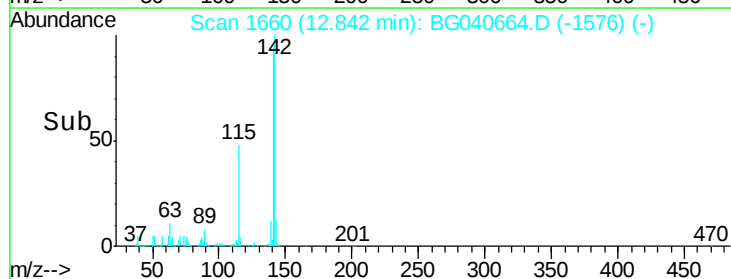
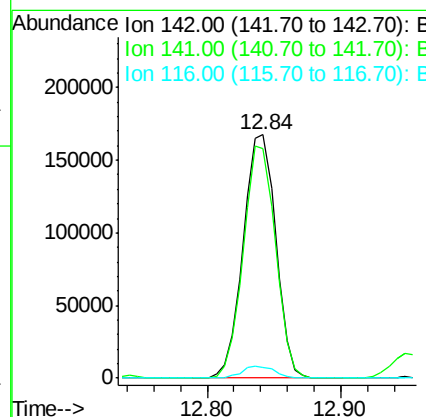
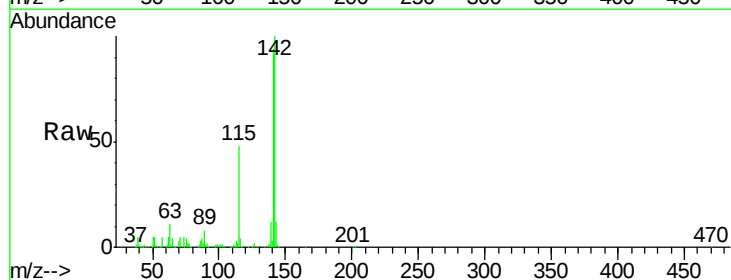
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.2
115	47.6	36.2	54.4



#38
1-Methylnaphthalene
Concen: 40.119 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.9	113.9
116	4.4	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

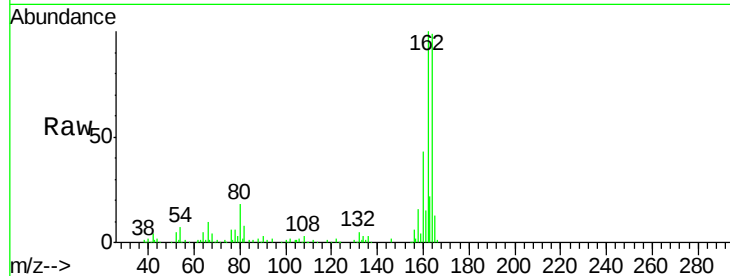
Tot Ion:164 Resp: 125608

Ion Ratio Lower Upper

164 100

162 101.0 81.9 122.9

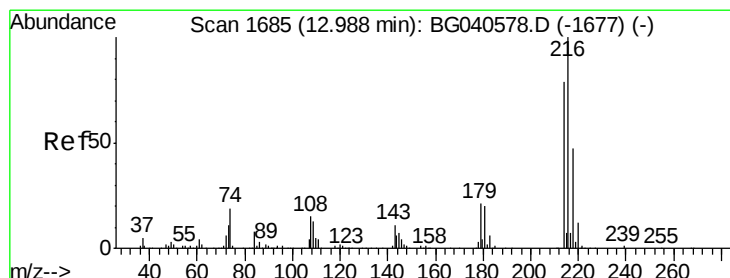
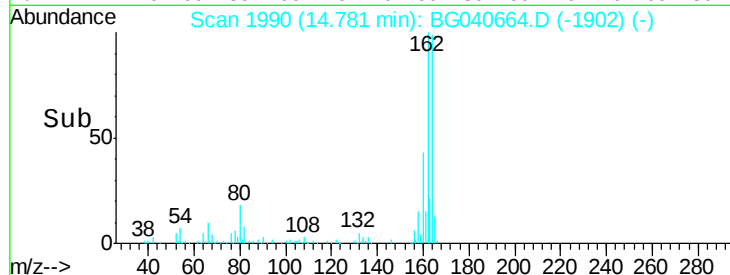
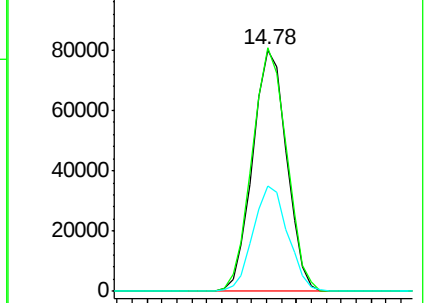
160 43.6 35.4 53.2



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: 42.557 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Tgt Ion:216 Resp: 199131

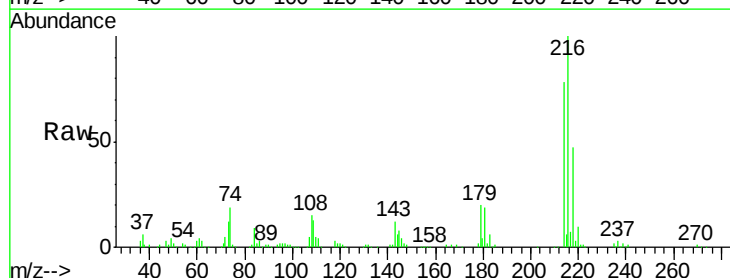
Ion Ratio Lower Upper

216 100

214 78.9 63.7 95.5

179 19.5 16.6 24.8

108 19.0 14.7 22.1

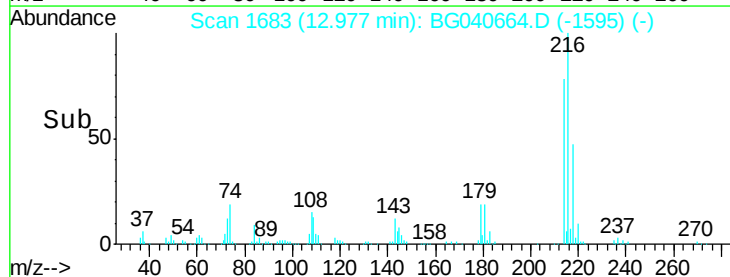
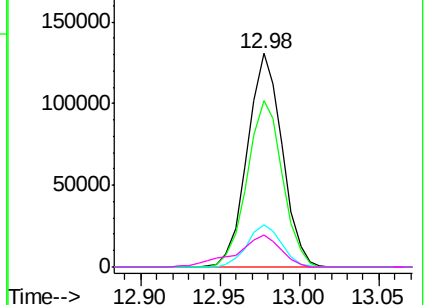


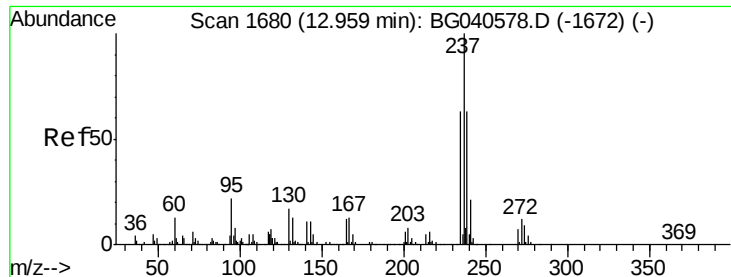
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.866 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

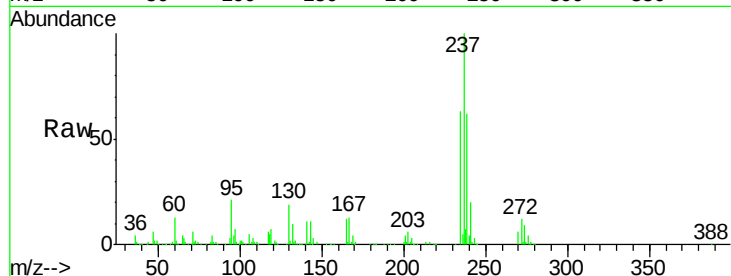
Tot Ion:237 Resp: 250892

Ion Ratio Lower Upper

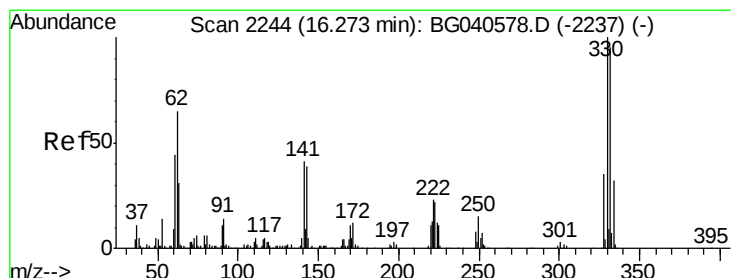
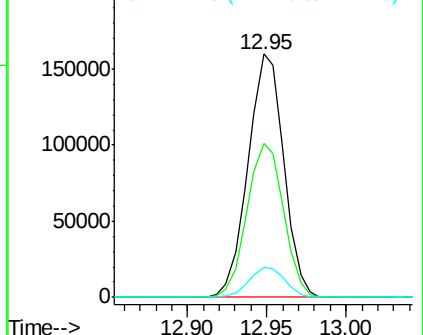
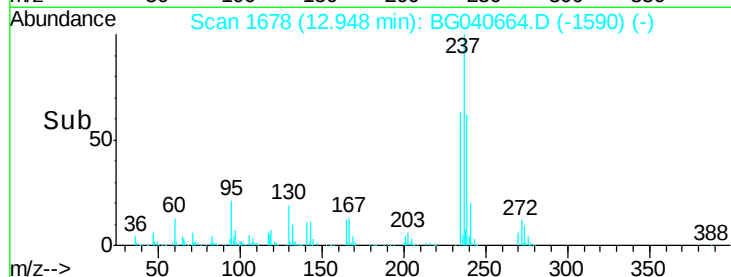
237 100

235 63.3 42.5 82.5

272 12.3 0.0 31.6



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: 86.111 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

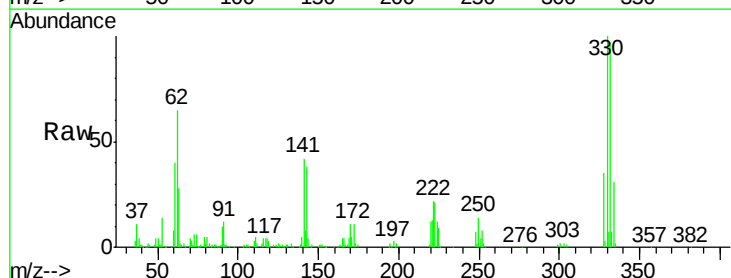
Tgt Ion:330 Resp: 148672

Ion Ratio Lower Upper

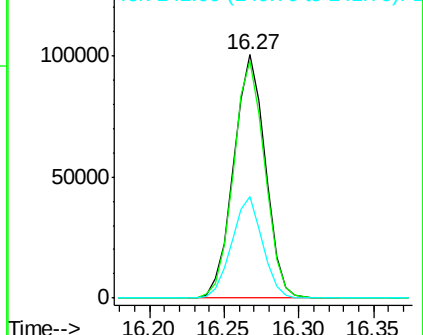
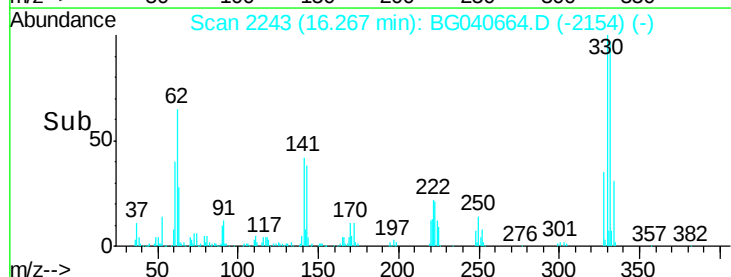
330 100

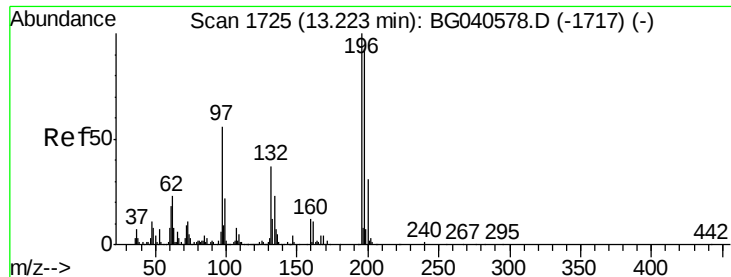
332 96.4 75.9 113.9

141 40.2 32.4 48.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

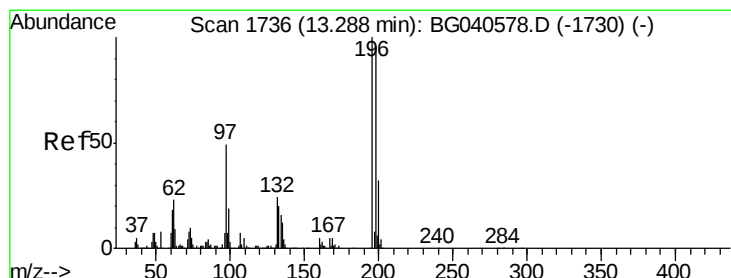
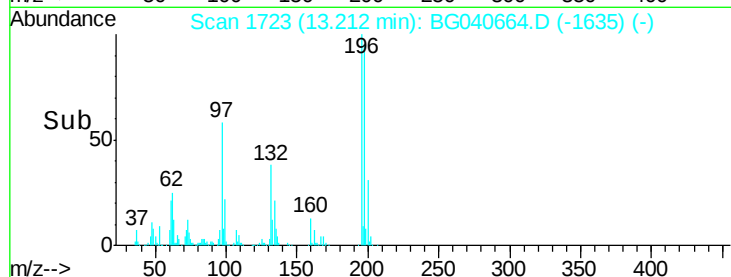
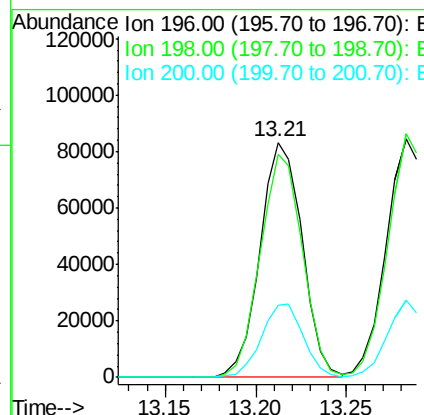
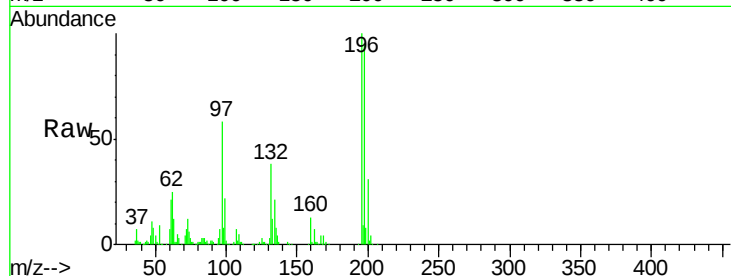




#43
 2,4,6-Trichlorophenol
 Concen: 47.512 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

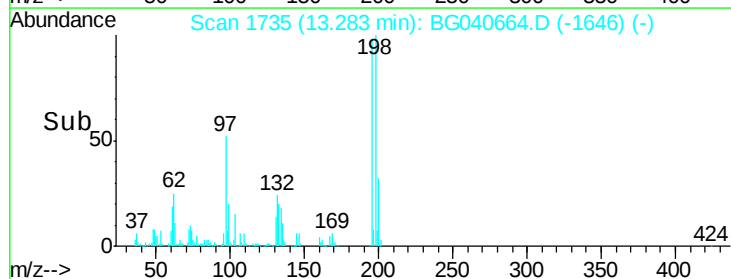
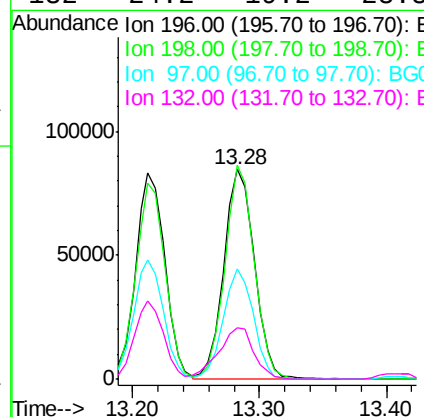
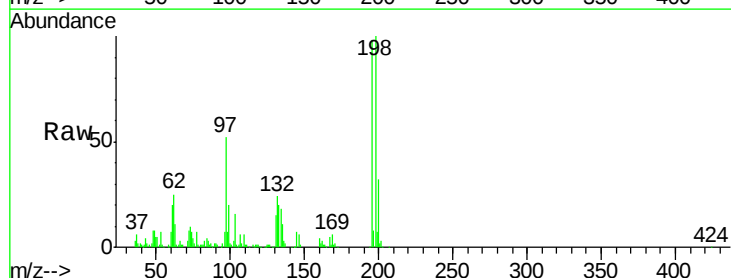
Instrument :
 BNA_G
 ClientSampleId :

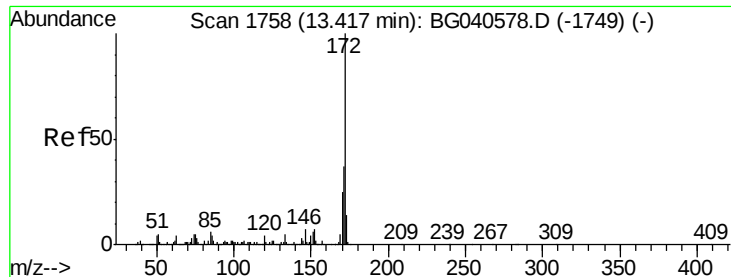
Tot Ion	196	Resp	134350
Ion Ratio	100	Lower	Upper
196	100		
198	94.9	74.8	112.2
200	30.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.064 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

Tgt Ion	196	Resp	141892
Ion Ratio	100	Lower	Upper
196	100		
198	102.0	77.0	115.6
97	52.8	40.0	60.0
132	24.2	19.2	28.8

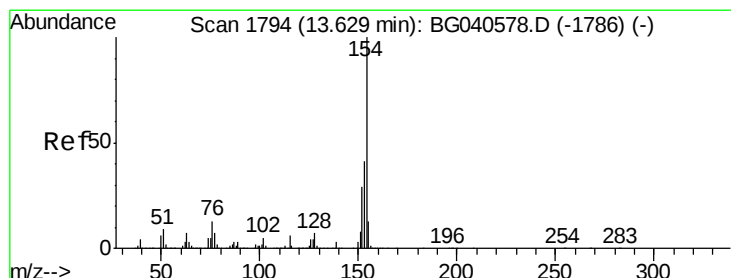
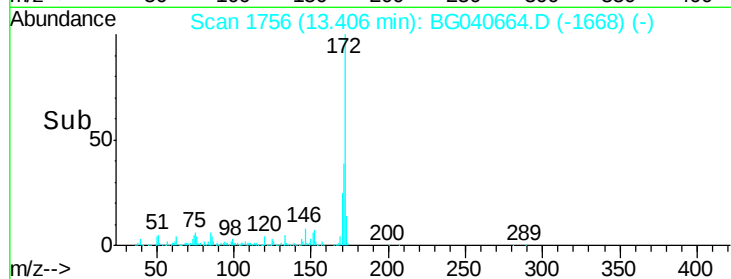
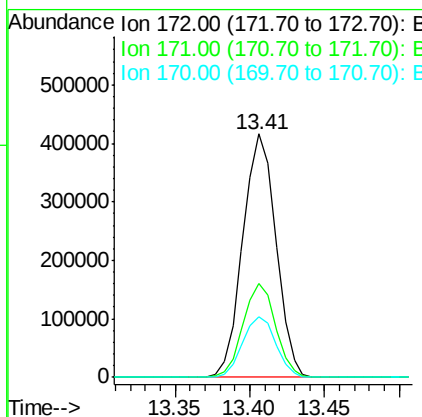
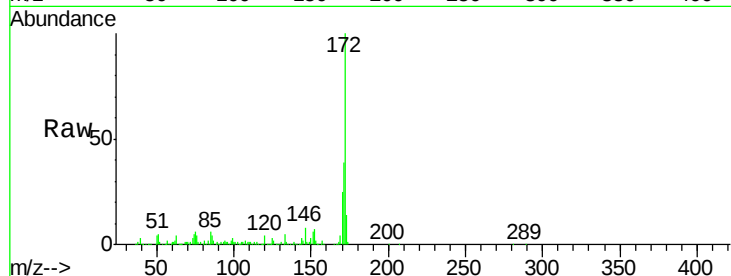




#45
 2-Fluorobiphenyl
 Concen: 73.563 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

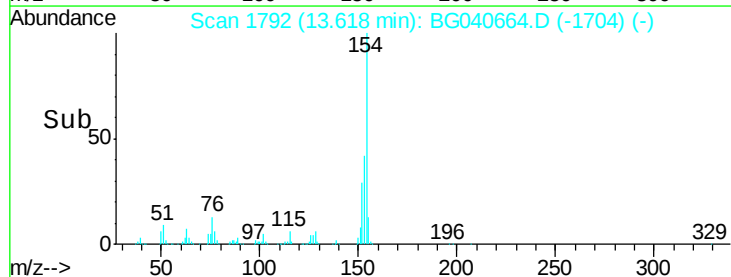
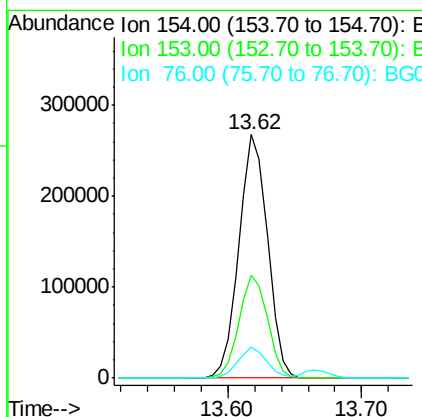
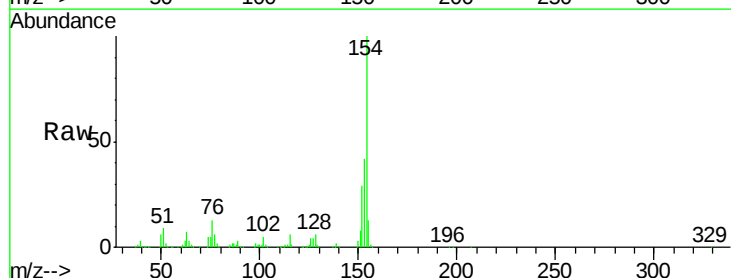
Instrument :
 BNA_G
 ClientSampled :

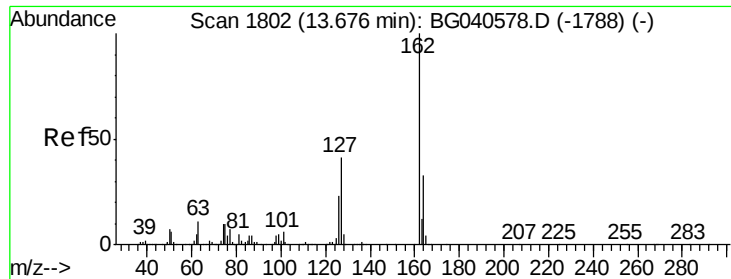
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.4	44.2
170	24.6	19.9	29.9



#46
 1,1'-Biphenyl
 Concen: 40.724 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.5	60.5
76	12.7	0.0	32.5

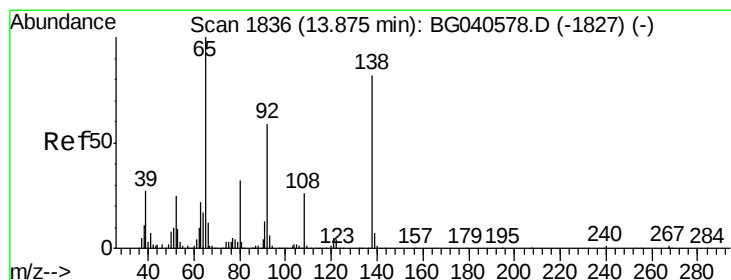
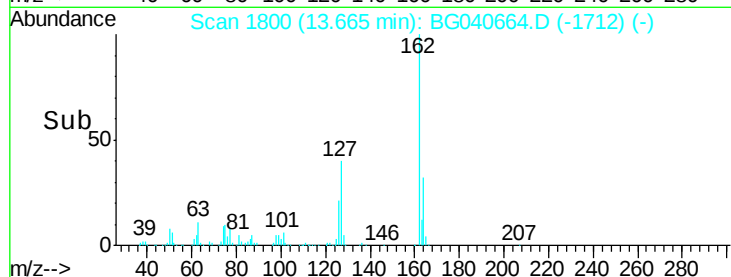
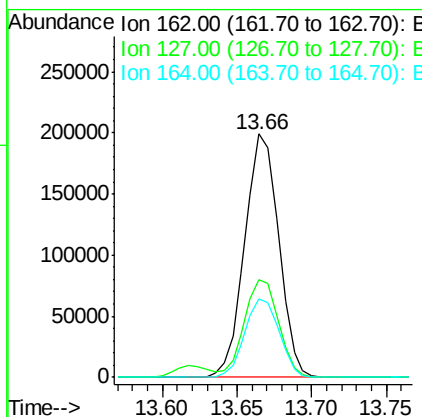
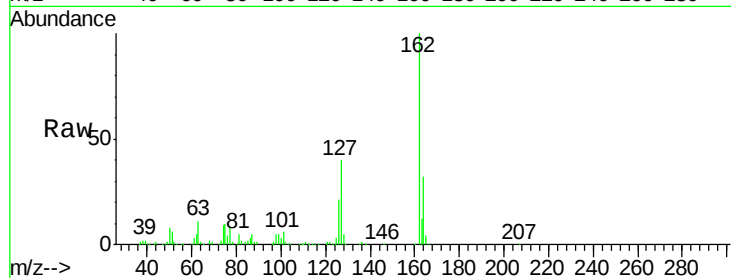




#47
 2-Chloronaphthalene
 Concen: 41.132 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

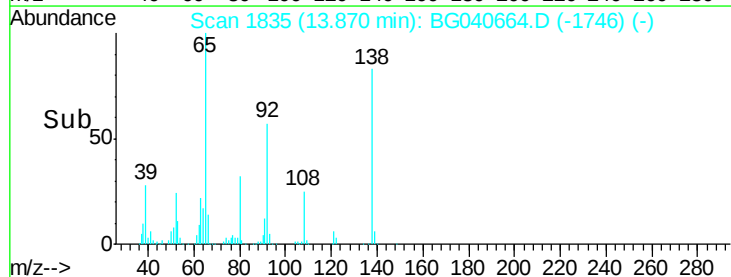
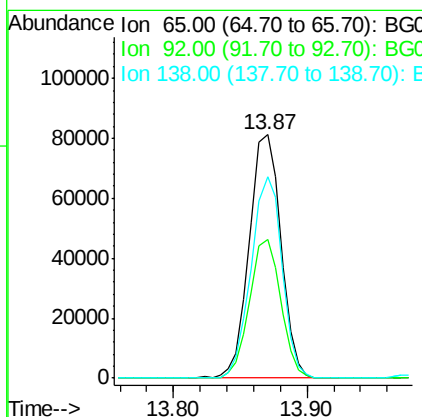
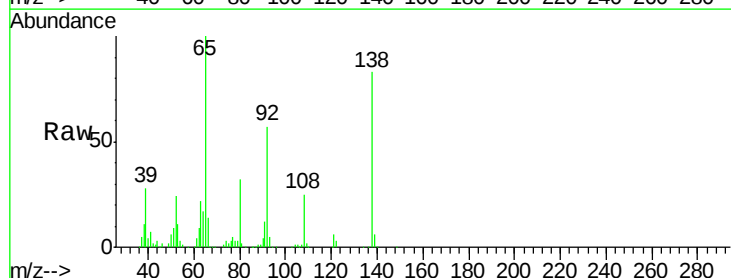
Instrument :
 BNA_G
 ClientSampleId :

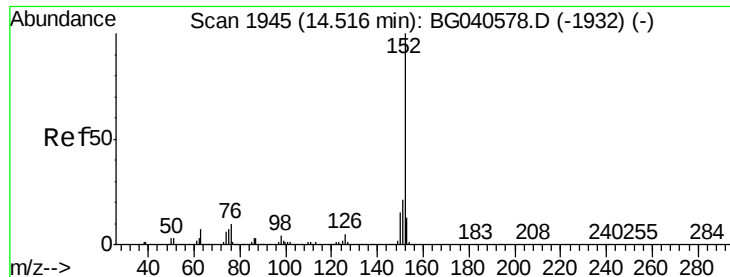
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.0	49.4
164	32.5	26.8	40.2



#48
 2-Nitroaniline
 Concen: 48.932 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	56.7	47.4	71.0
138	82.7	66.1	99.1





#49

Acenaphthylene

Concen: 39.249 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

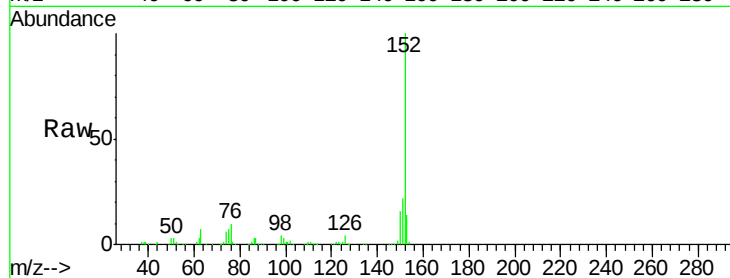
Tot Ion:152 Resp: 508222

Ion Ratio Lower Upper

152 100

151 22.4 17.2 25.8

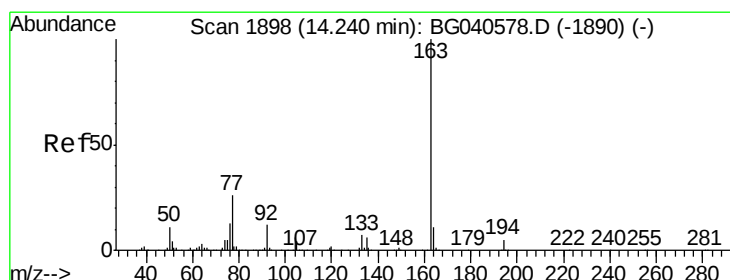
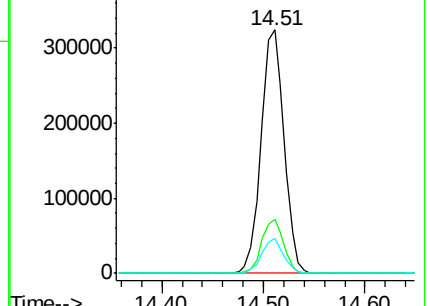
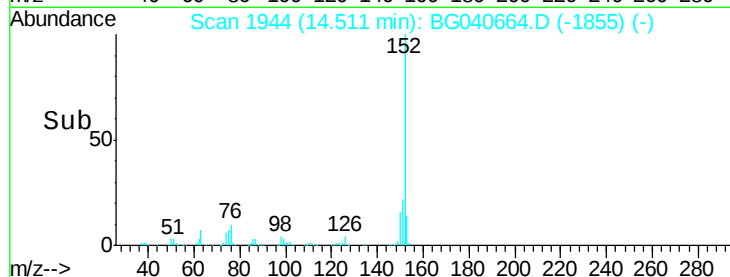
153 14.3 10.7 16.1



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: 40.305 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

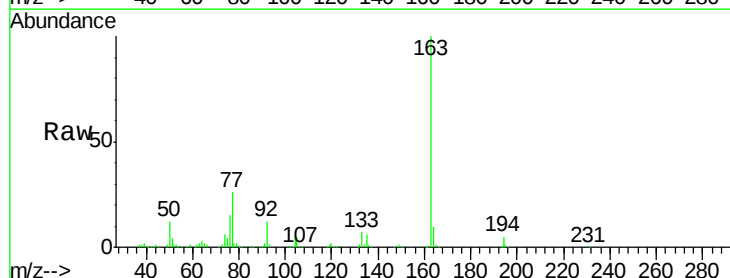
Tgt Ion:163 Resp: 423580

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

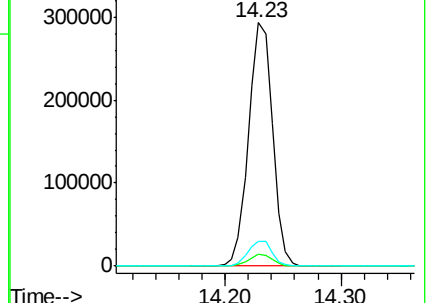
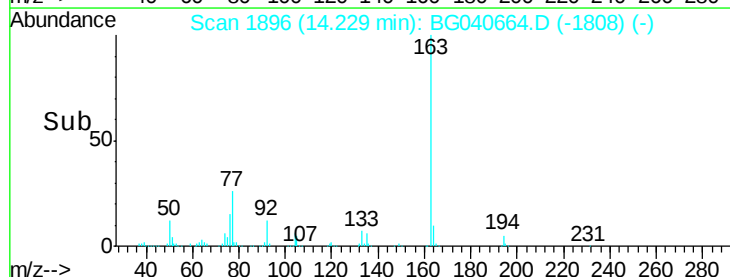
164 10.3 8.8 13.2



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: 45.401 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampled :

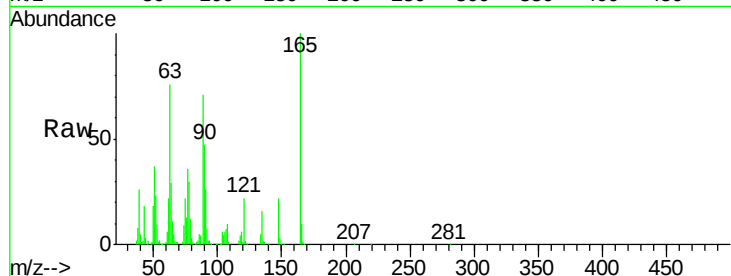
Tot Ion:165 Resp: 93123

Ion Ratio Lower Upper

165 100

63 76.4 61.0 91.4

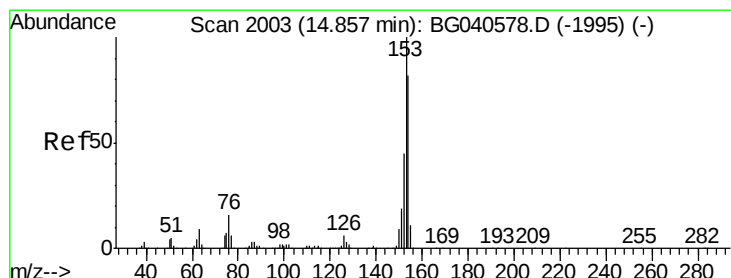
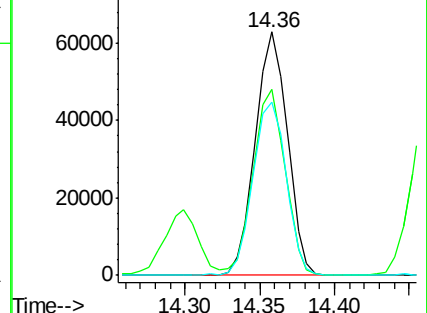
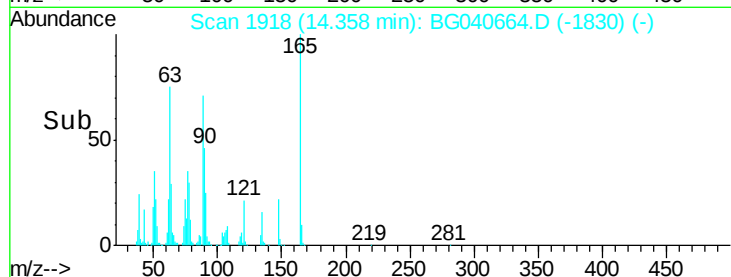
89 71.3 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.217 ng

RT: 14.85 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

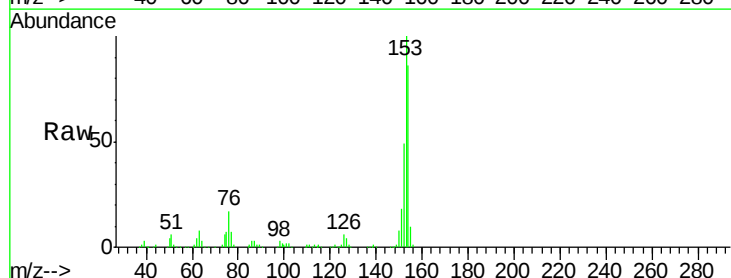
Tgt Ion:154 Resp: 303272

Ion Ratio Lower Upper

154 100

153 116.4 97.0 145.6

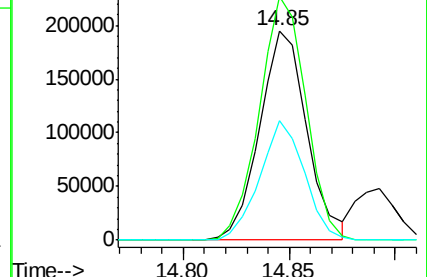
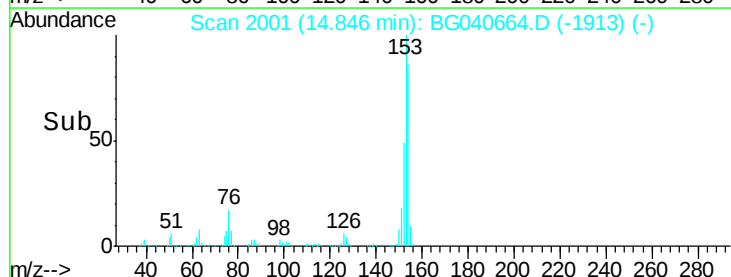
152 57.4 44.1 66.1



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

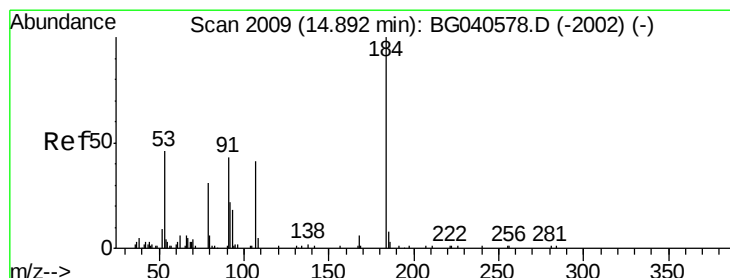
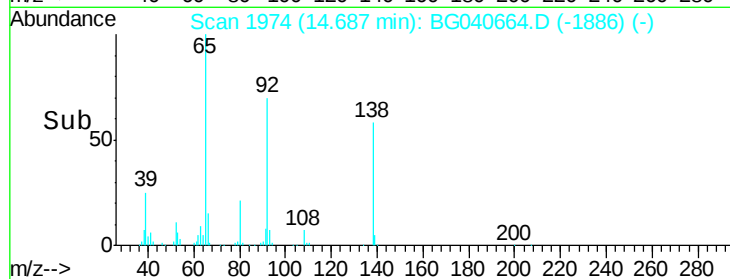
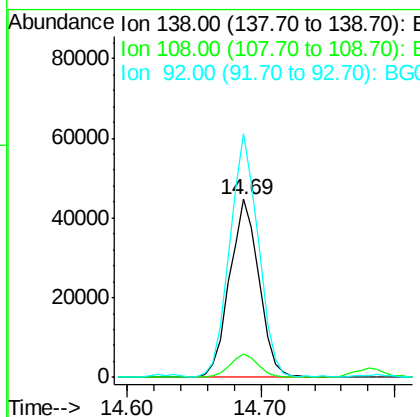
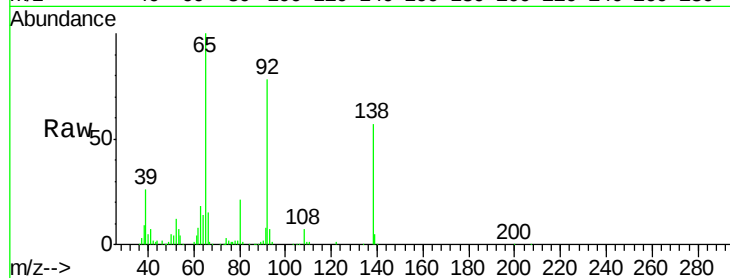




#53
 3-Nitroaniline
 Concen: 32.564 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

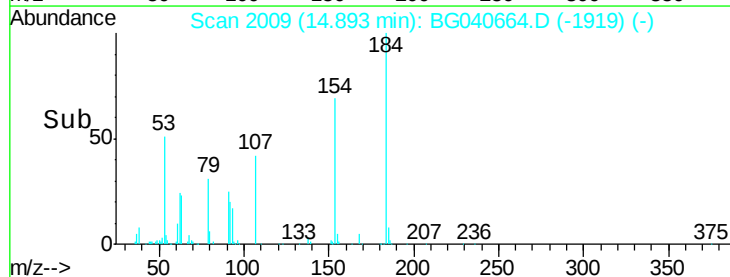
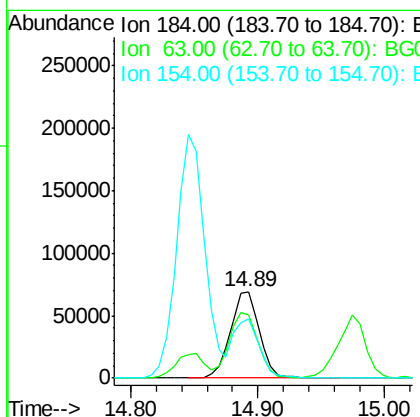
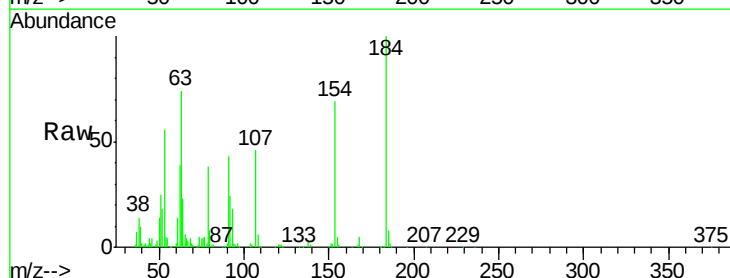
Instrument :
 BNA_G
 ClientSampleId :

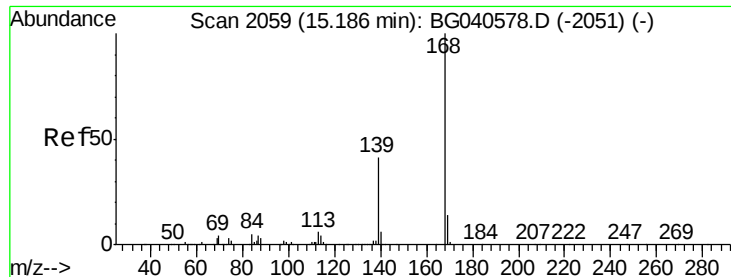
Tot Ion:138 Resp: 68436
 Ion Ratio Lower Upper
 138 100
 108 12.9 12.4 18.6
 92 136.6 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 92.586 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

Tgt Ion:184 Resp: 108503
 Ion Ratio Lower Upper
 184 100
 63 73.6 51.8 77.6
 154 68.9 43.6 65.4#





#55

Dibenzofuran

Concen: 40.880 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

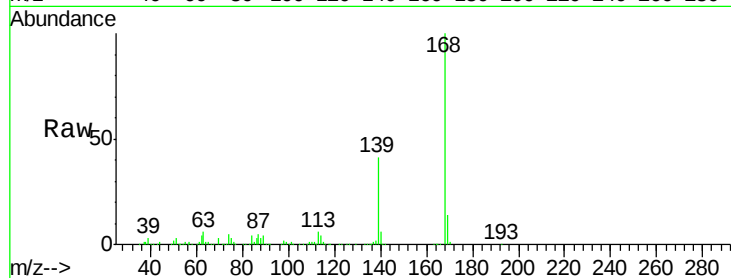
Tot Ion:168 Resp: 504927

Ion Ratio Lower Upper

168 100

139 41.1 33.0 49.4

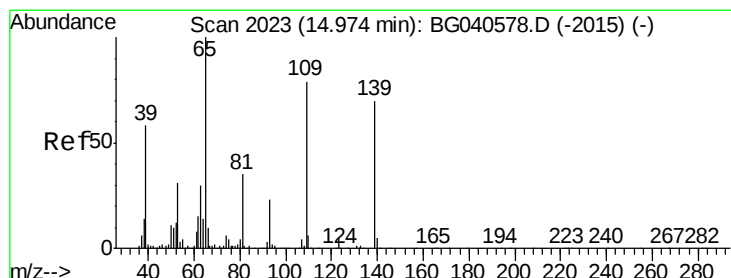
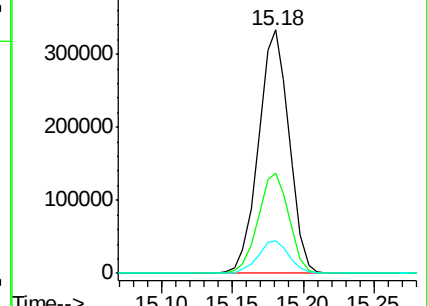
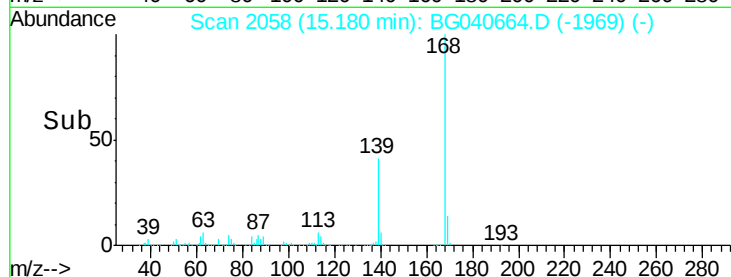
169 13.6 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 95.216 ng

RT: 14.97 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

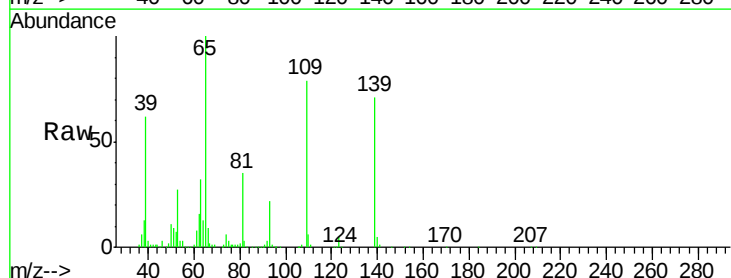
Tgt Ion:139 Resp: 173514

Ion Ratio Lower Upper

139 100

109 111.8 93.8 133.8

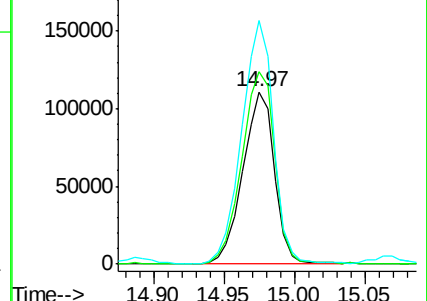
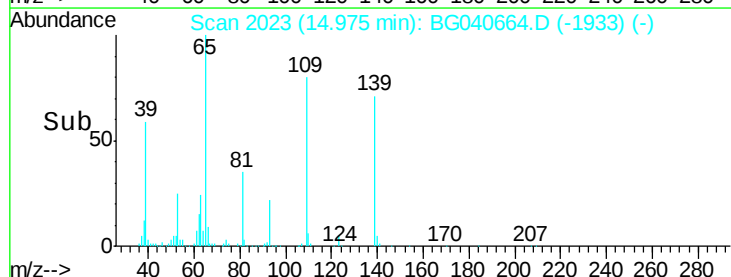
65 141.4 122.7 162.7

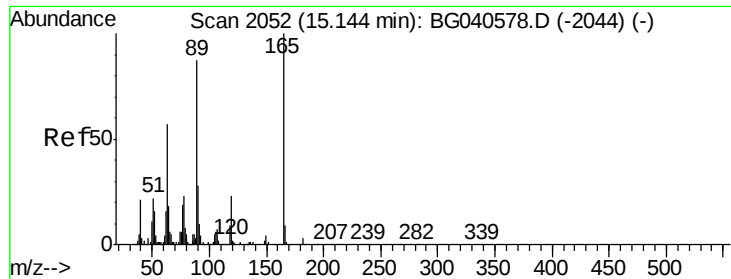


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

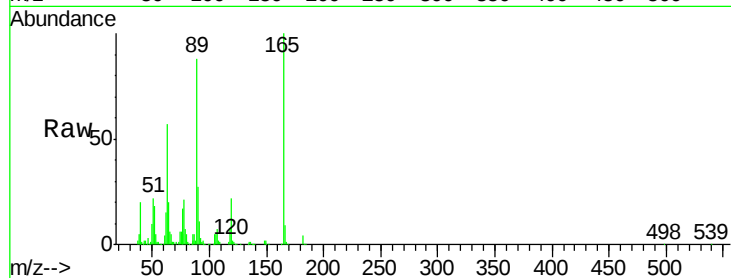




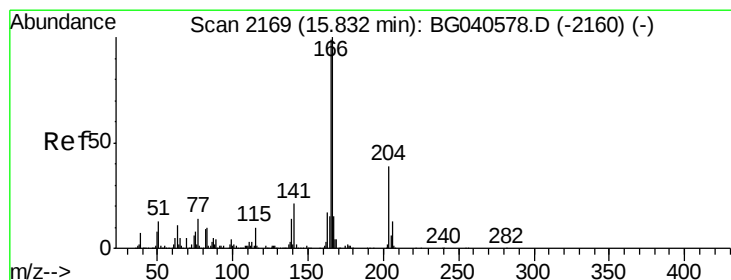
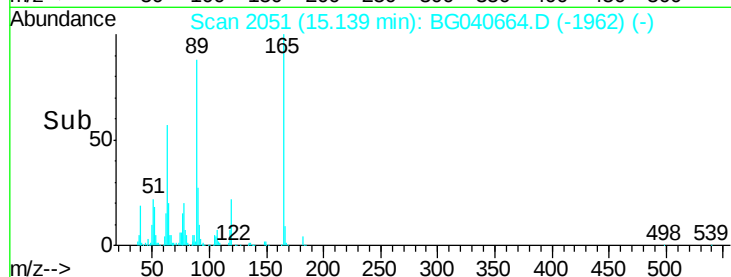
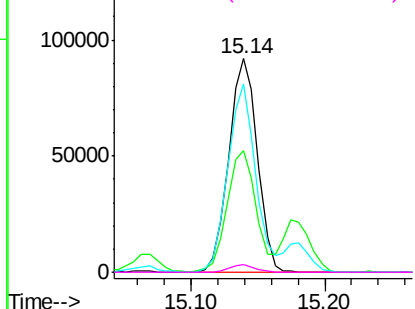
#57
2,4-Dinitrotoluene
Concen: 49.175 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 137058
Ion Ratio Lower Upper
165 100
63 57.2 45.8 68.8
89 88.2 69.4 104.2
182 3.5 2.2 3.4#

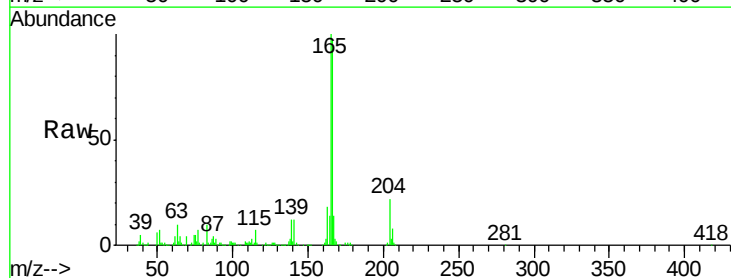


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

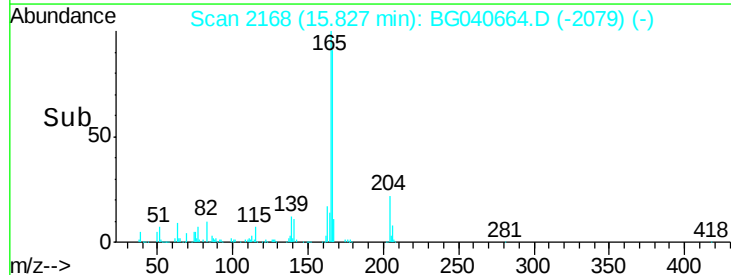
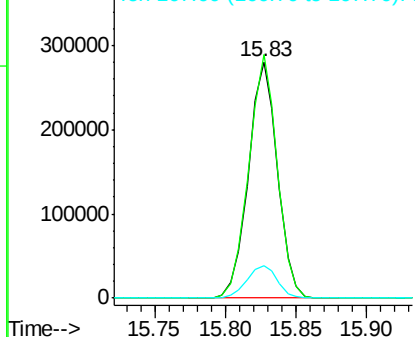


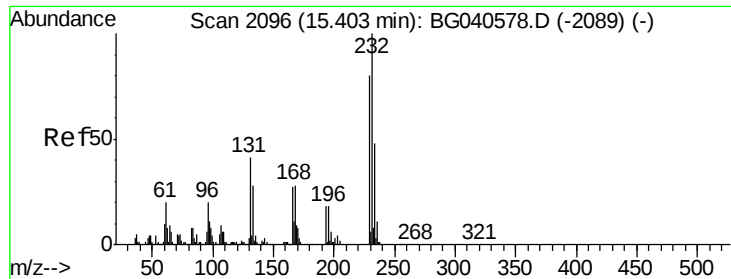
#58
Fluorene
Concen: 40.448 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion:166 Resp: 403801
Ion Ratio Lower Upper
166 100
165 102.9 79.6 119.4
167 13.9 12.2 18.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

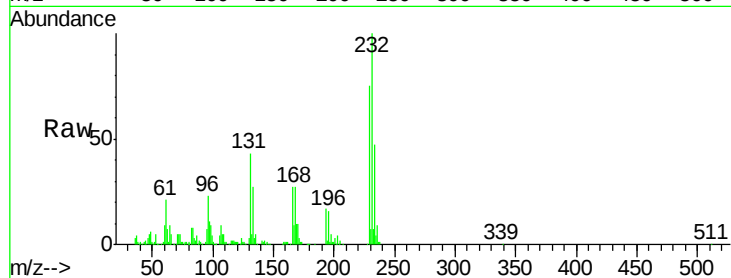




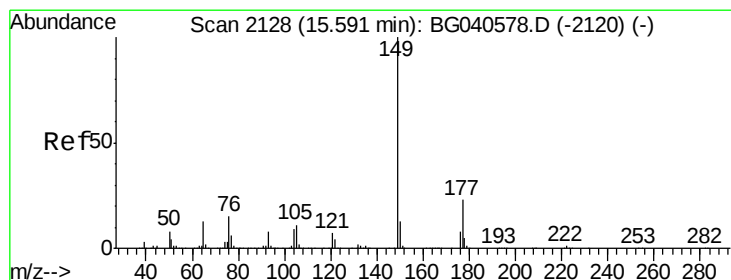
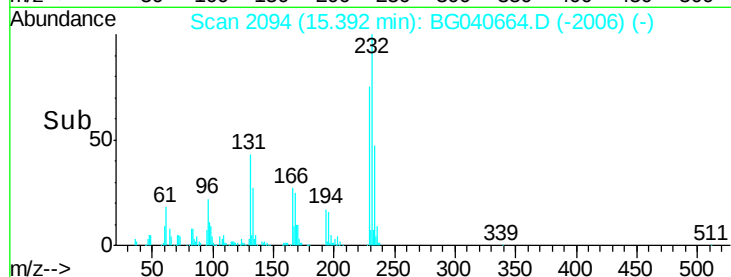
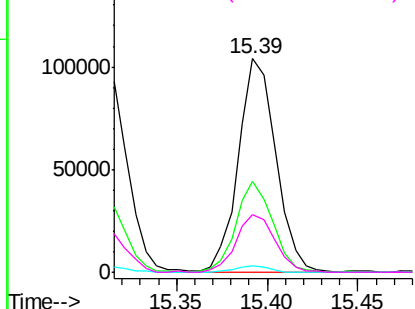
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.907 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	148530
Ion Ratio	Lower	Upper
232	100	
131	41.2	33.0 49.4
130	2.6	2.0 3.0
166	28.3	22.1 33.1

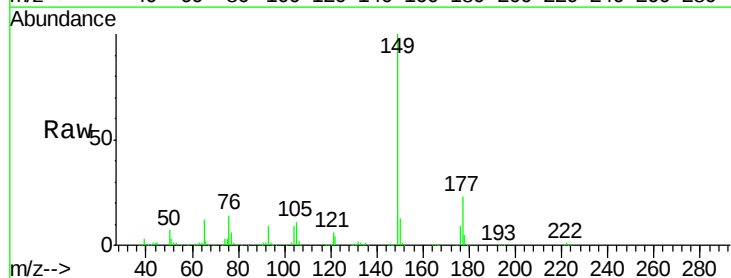


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

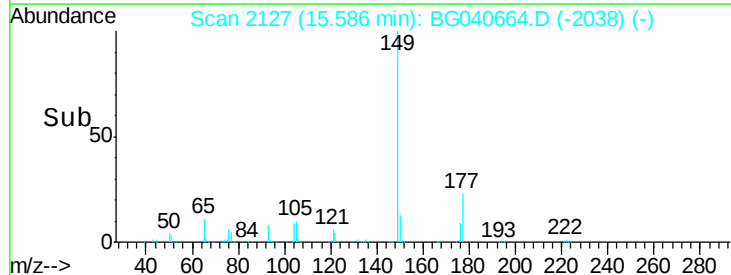
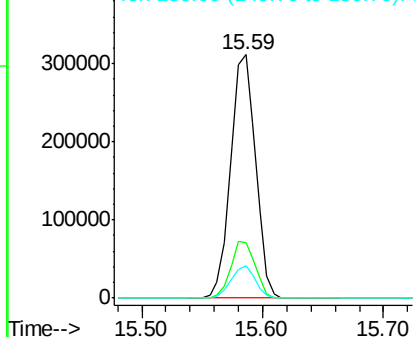


#60
 Diethylphthalate
 Concen: 40.481 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

Tgt Ion:149	Resp:	448863
Ion Ratio	Lower	Upper
149	100	
177	22.6	18.5 27.7
150	13.3	10.2 15.4



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

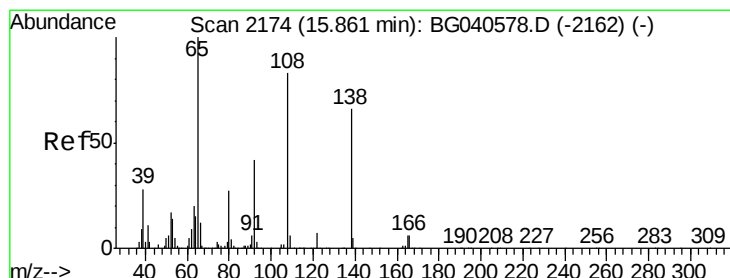
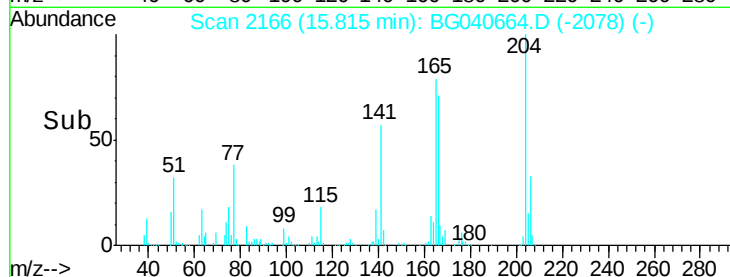
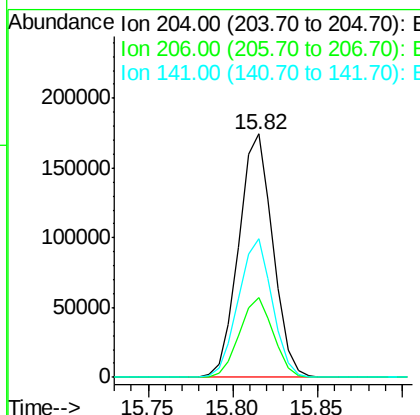
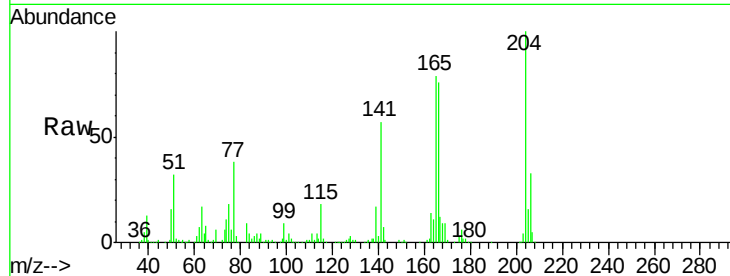




#61
 4-Chlorophenyl-phenylether
 Concen: 42.070 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

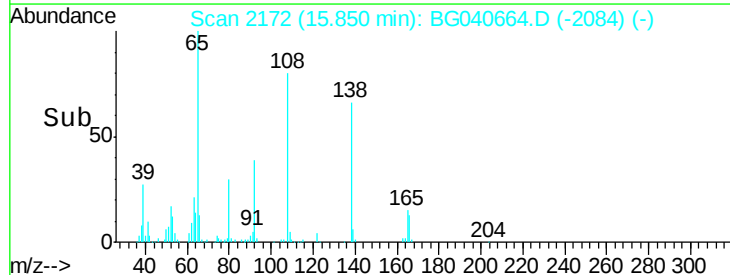
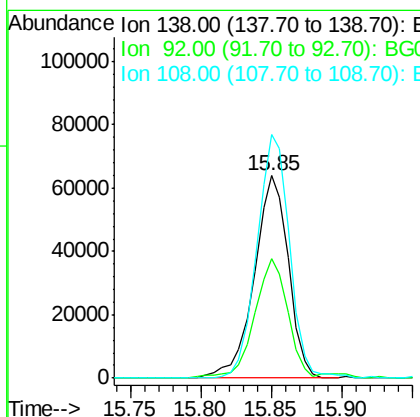
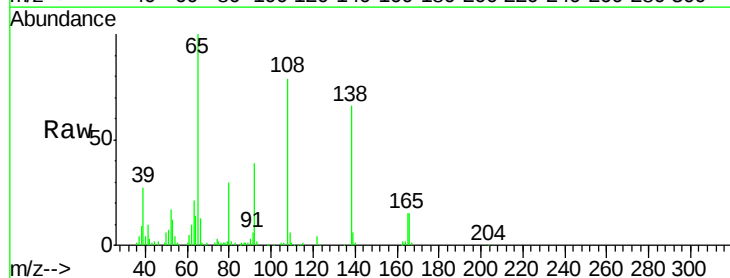
Instrument :
 BNA_G
 ClientSampled :

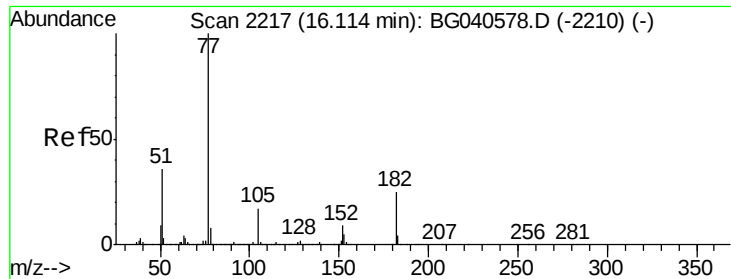
Tot Ion:204 Resp: 244271
 Ion Ratio Lower Upper
 204 100
 206 32.9 27.4 41.2
 141 57.2 46.0 69.0



#62
 4-Nitroaniline
 Concen: 46.260 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

Tgt Ion:138 Resp: 108751
 Ion Ratio Lower Upper
 138 100
 92 59.3 43.9 83.9
 108 120.3 106.5 146.5

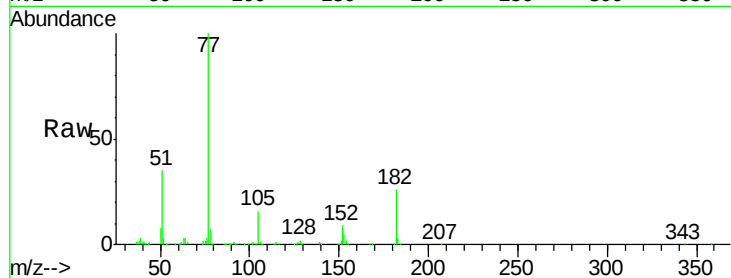




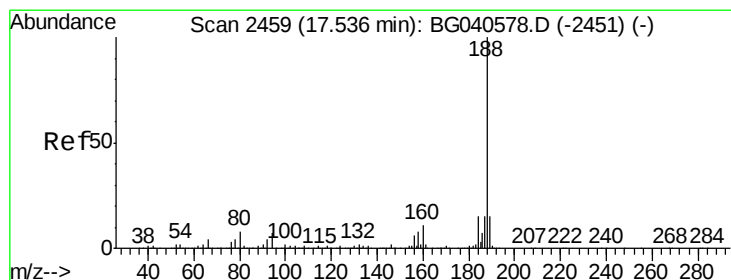
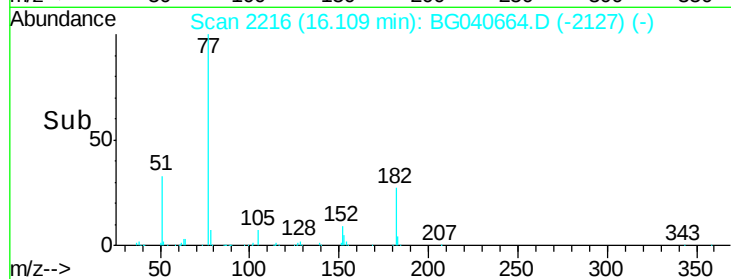
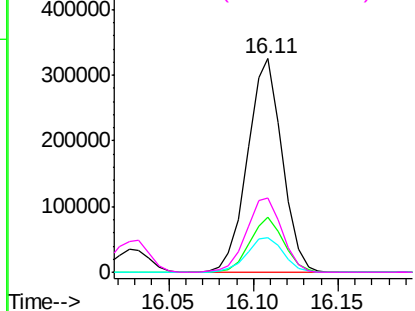
#63
Azobenzene
Concen: 40.438 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 461774
Ion Ratio Lower Upper
77 100
182 25.5 5.0 45.0
105 16.3 0.0 37.6
51 34.5 16.3 56.3

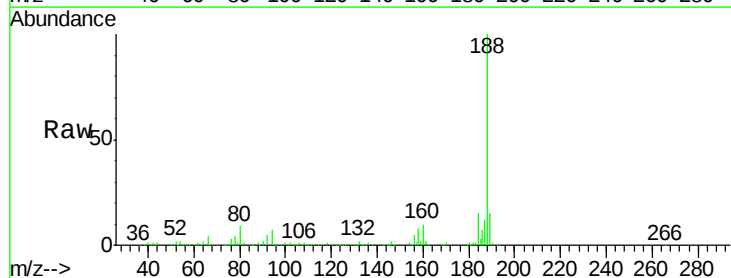


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

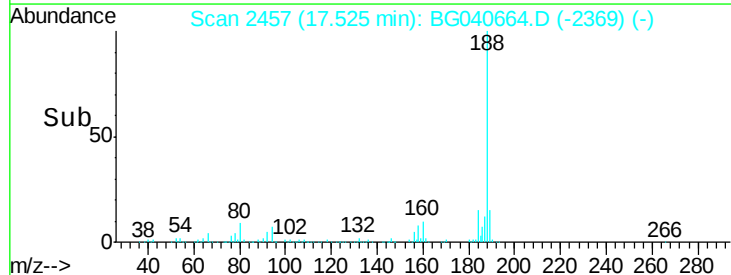
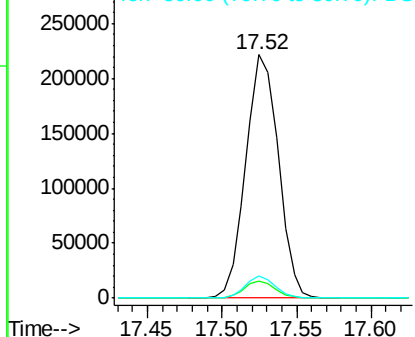


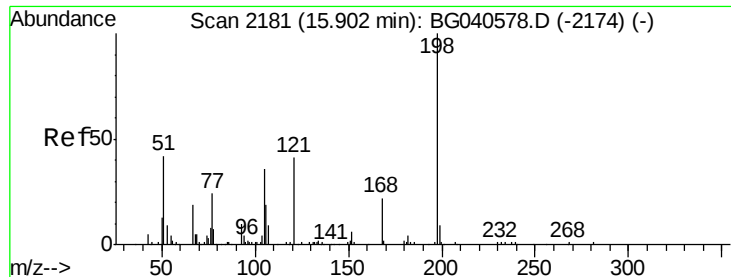
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion: 188 Resp: 334236
Ion Ratio Lower Upper
188 100
94 6.8 5.6 8.4
80 8.9 6.4 9.6



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: 46.621 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

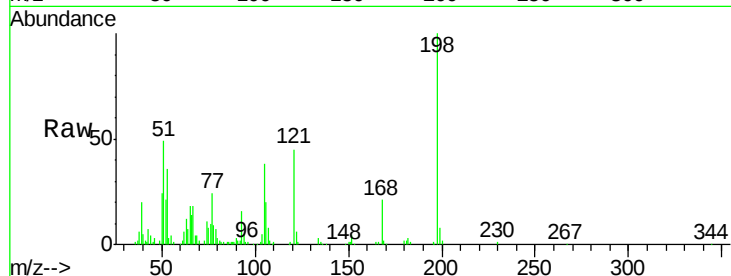
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 76385

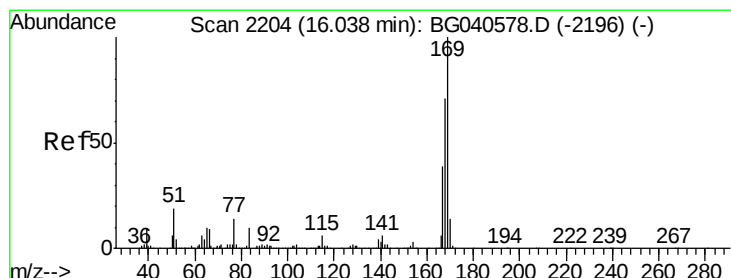
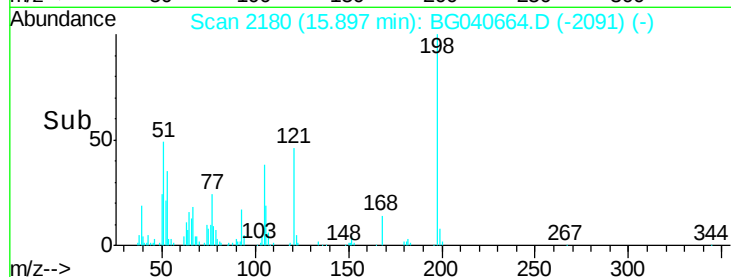
Ion	Ratio	Lower	Upper
198	100		
51	49.5	35.9	75.9
105	38.0	21.2	61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040578.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.603 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

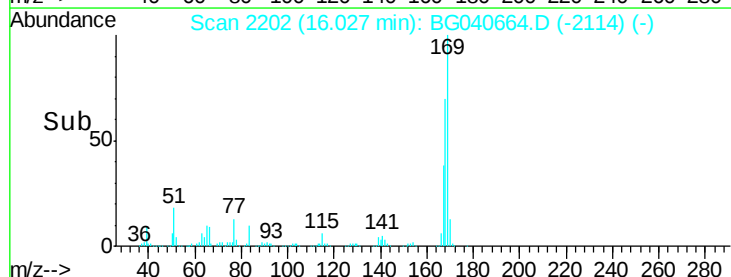
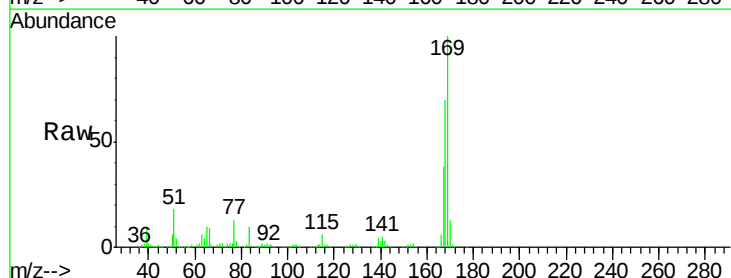
Tgt Ion:169 Resp: 379601

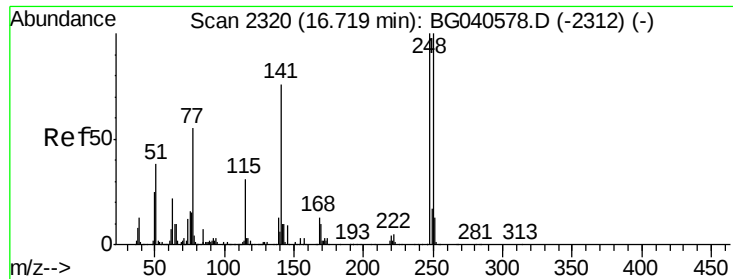
Ion	Ratio	Lower	Upper
169	100		
168	69.7	56.8	85.2
167	38.2	31.4	47.0

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

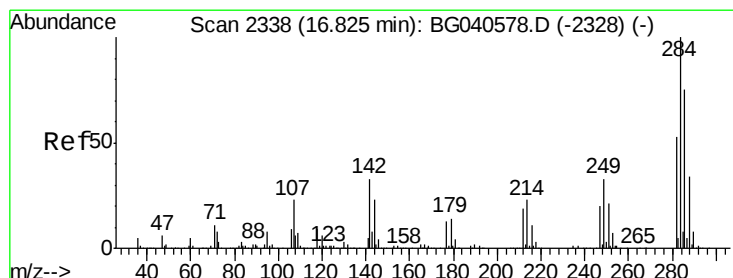
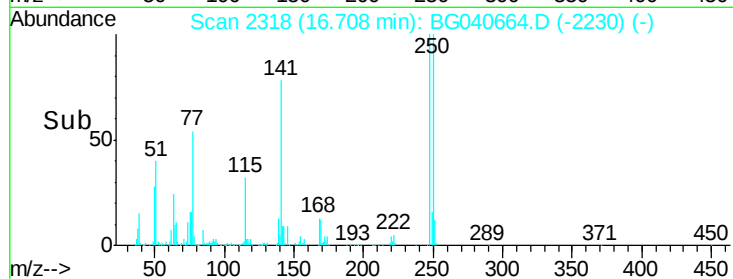
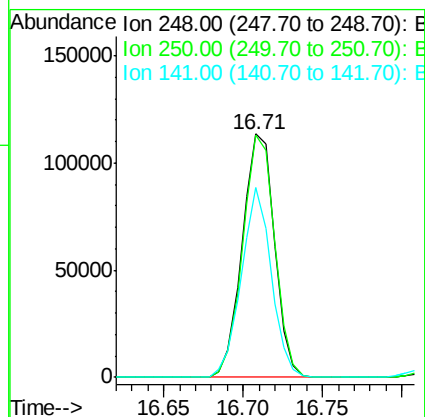
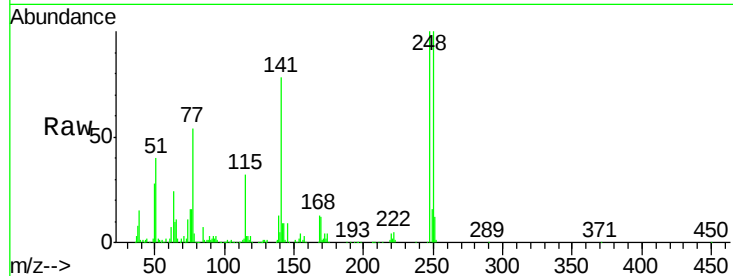




#67
4-Bromophenyl-phenylether
Concen: 38.484 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

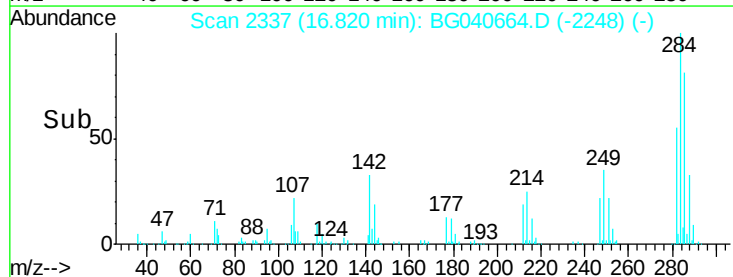
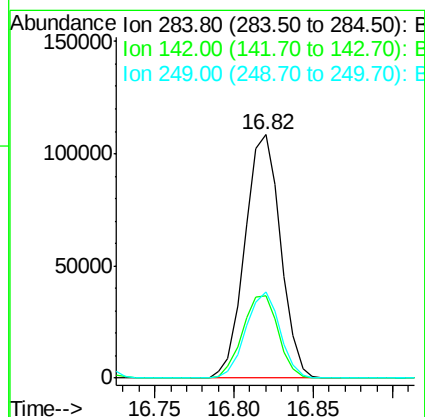
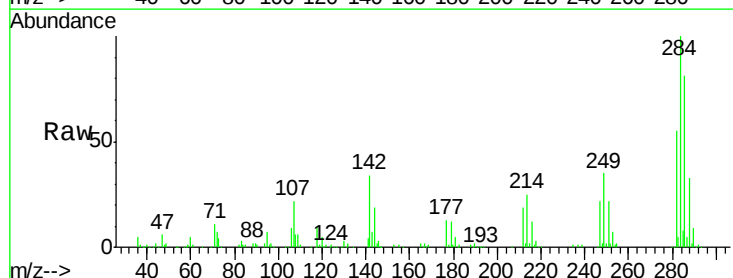
Instrument :
BNA_G
ClientSampleId :

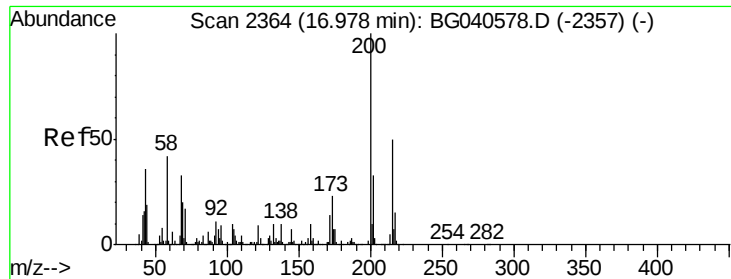
Tot Ion:248 Resp: 160252
Ion Ratio Lower Upper
248 100
250 99.7 79.8 119.6
141 77.9 60.8 91.2



#68
Hexachlorobenzene
Concen: 39.279 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion:284 Resp: 169125
Ion Ratio Lower Upper
284 100
142 33.6 26.6 40.0
249 35.4 26.0 39.0





#69

Atrazine

Concen: 42.838 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

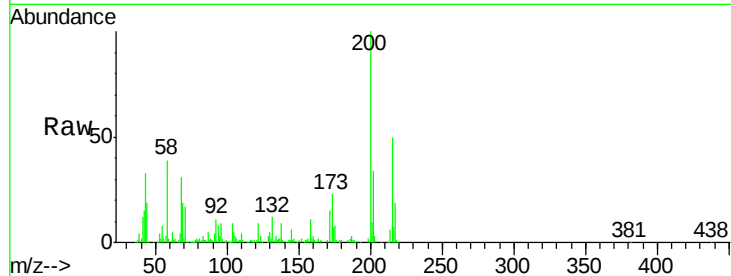
Tot Ion:200 Resp: 166899

Ion Ratio Lower Upper

200 100

173 23.4 2.8 42.8

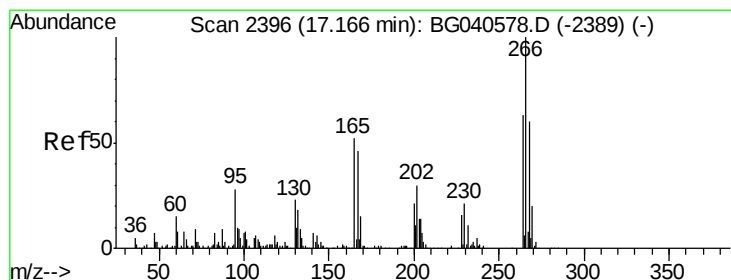
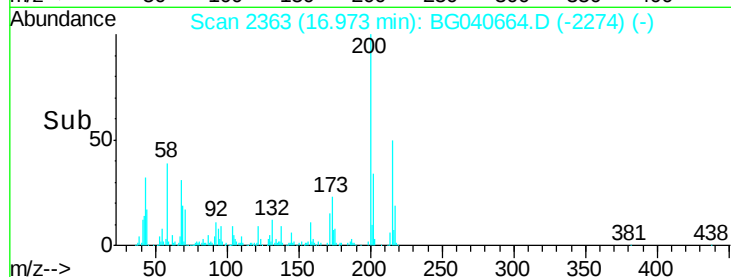
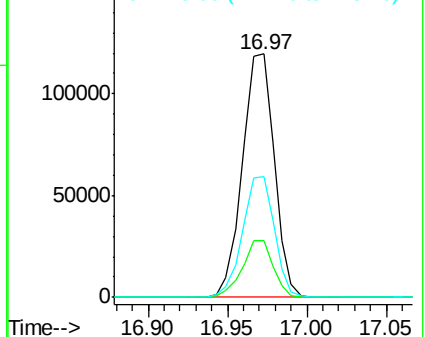
215 49.5 30.2 70.2



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: 92.110 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

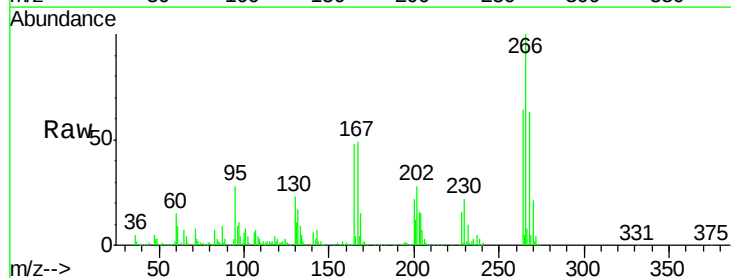
Tgt Ion:266 Resp: 232077

Ion Ratio Lower Upper

266 100

268 63.0 52.3 78.5

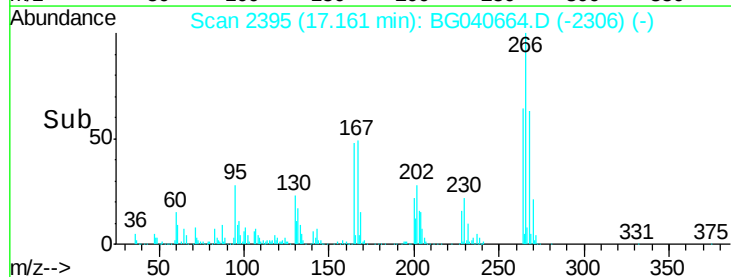
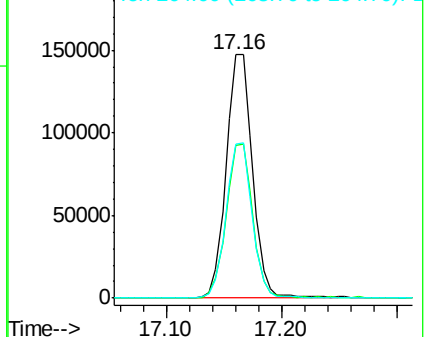
264 63.5 50.0 75.0

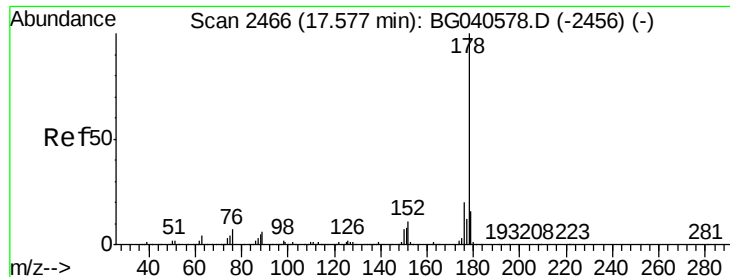


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.634 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

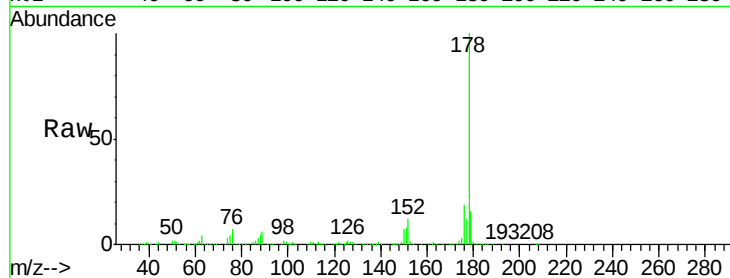
Tot Ion:178 Resp: 749532

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

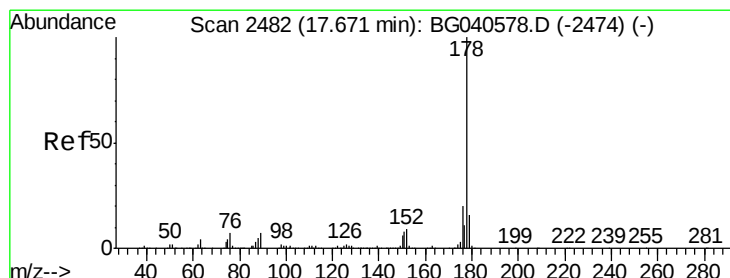
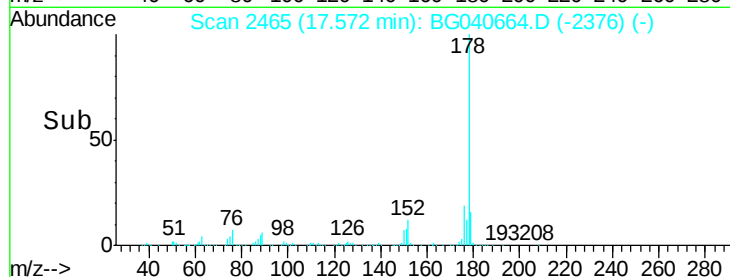
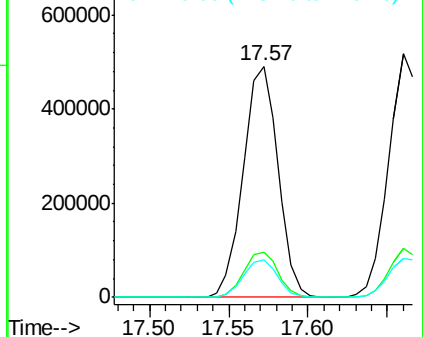
179 16.5 12.6 18.8



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: 42.126 ng

RT: 17.66 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

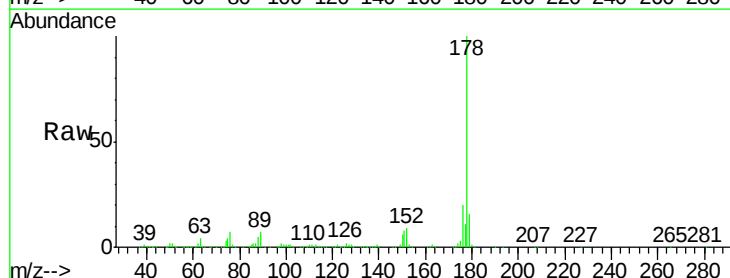
Tgt Ion:178 Resp: 762302

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

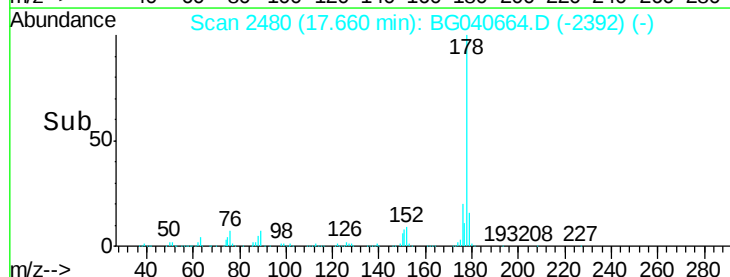
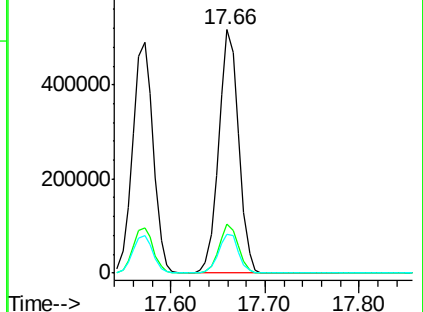
179 15.8 12.9 19.3



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

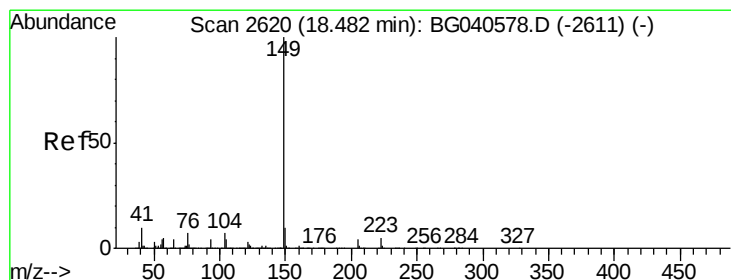
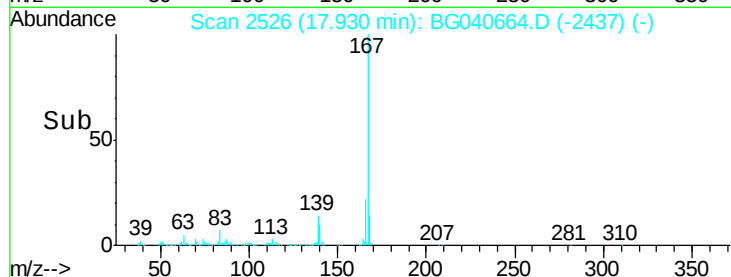
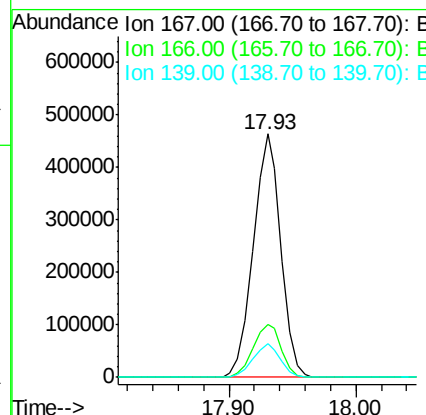
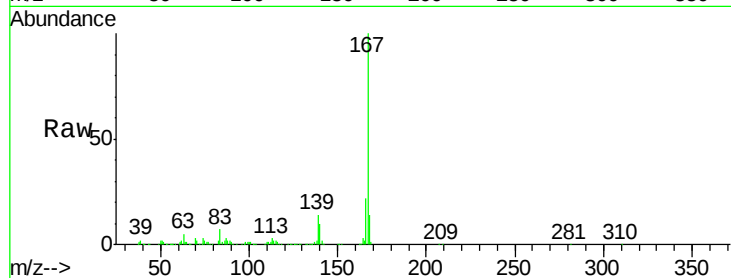




#73
 Carbazole
 Concen: 42.257 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

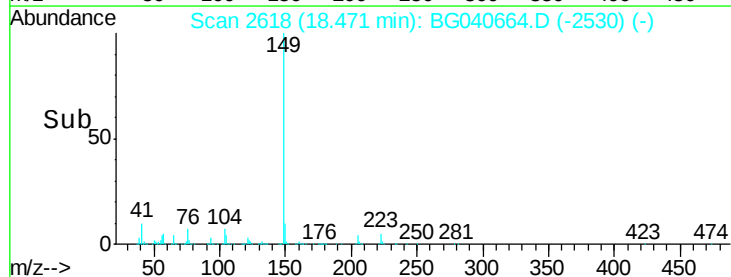
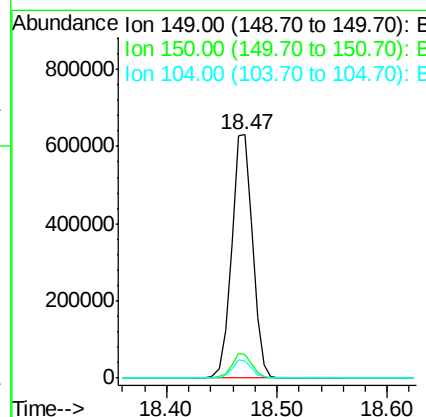
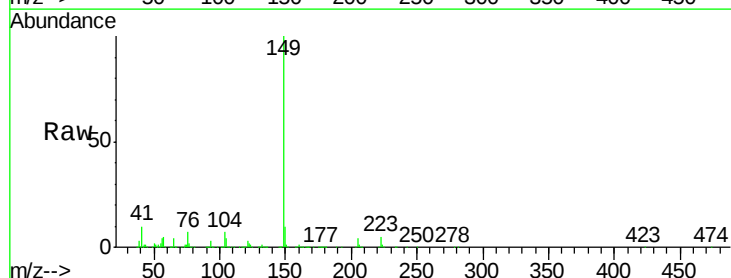
Instrument :
 BNA_G
 ClientSampleId :

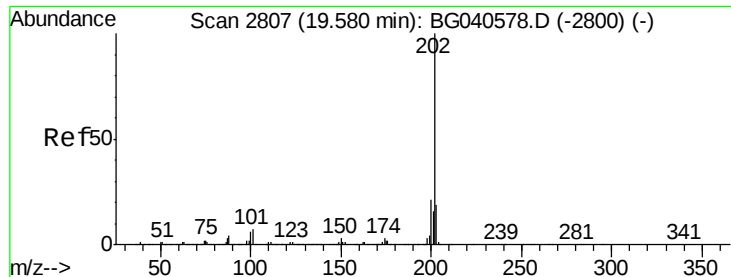
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.4
139	14.0	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 41.936 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	7.3	5.4	8.2





#75

Fluoranthene

Concen: 45.003 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

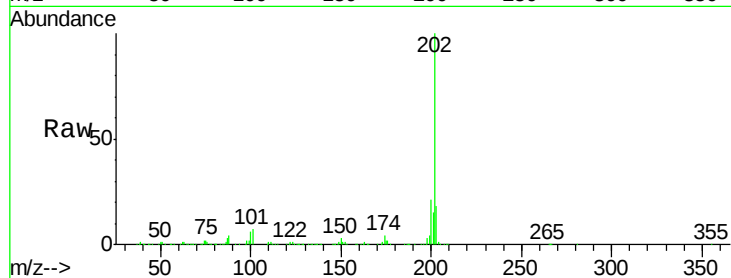
Tot Ion:202 Resp: 1009618

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.5

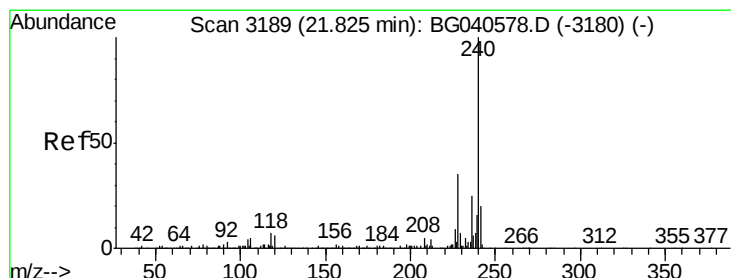
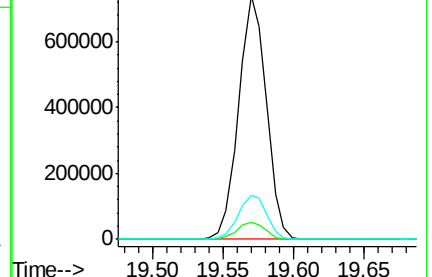
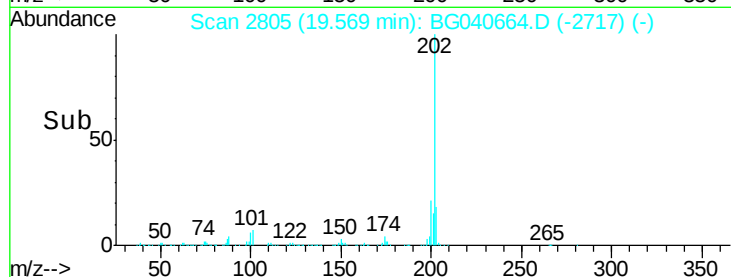
203 18.3 0.0 39.3



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: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

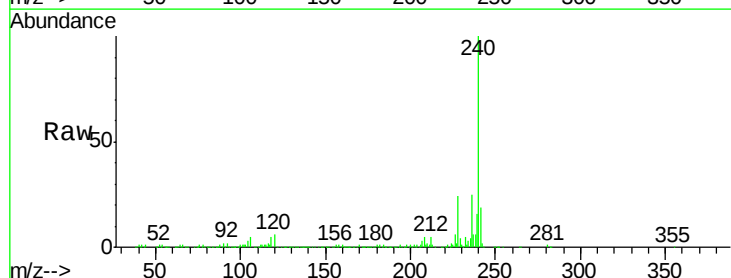
Tgt Ion:240 Resp: 400251

Ion Ratio Lower Upper

240 100

120 5.8 5.0 7.6

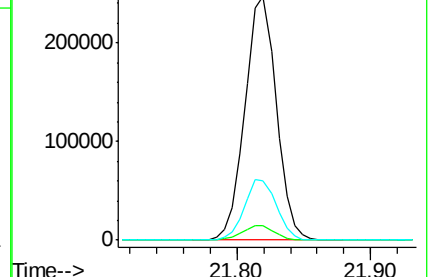
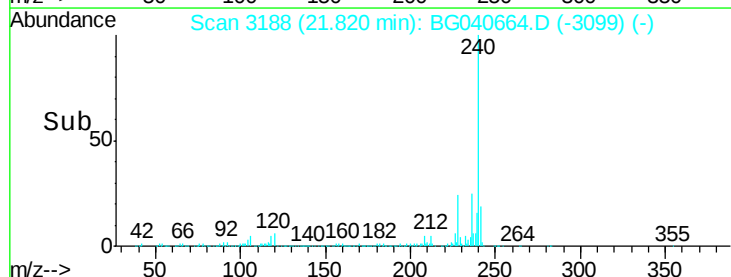
236 24.6 20.3 30.5

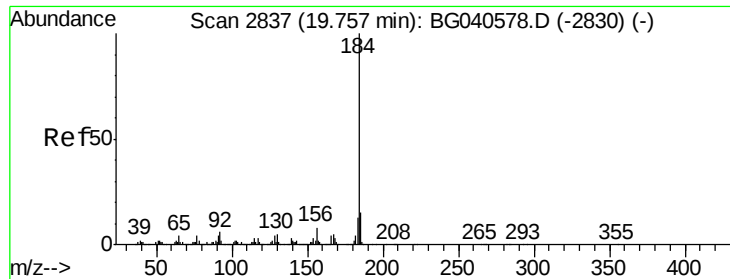


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.506 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

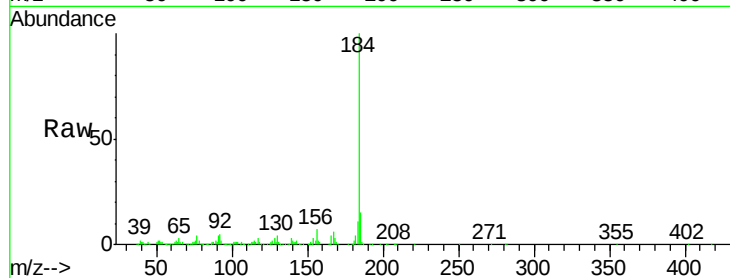
Tot Ion:184 Resp: 389108

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

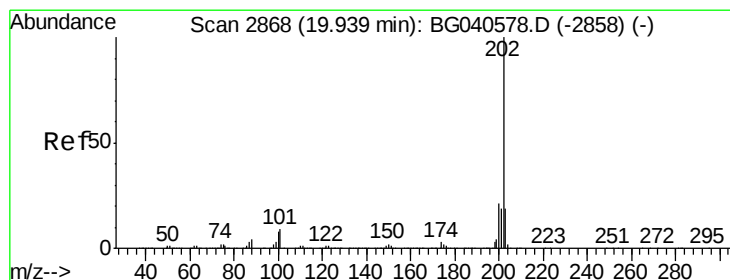
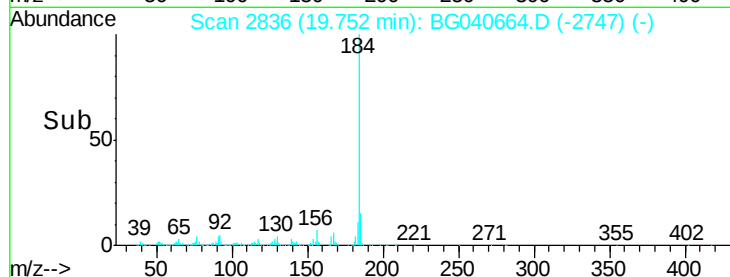
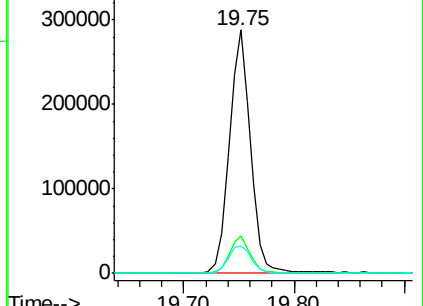
183 11.1 10.2 15.2



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: 40.263 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

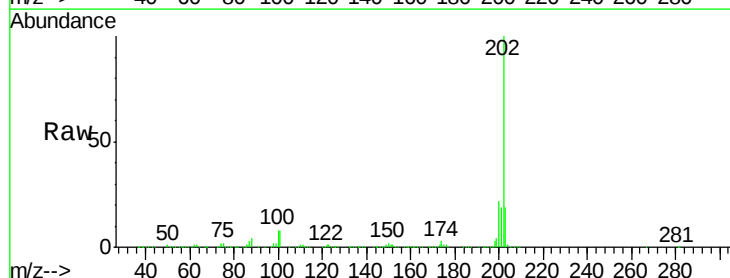
Tgt Ion:202 Resp: 1010026

Ion Ratio Lower Upper

202 100

200 22.4 17.2 25.8

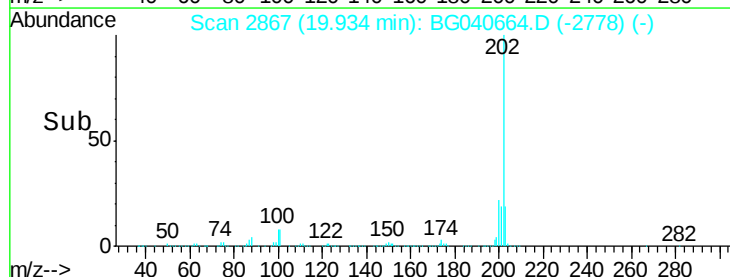
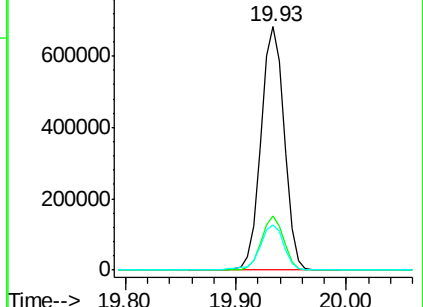
203 18.6 15.0 22.4

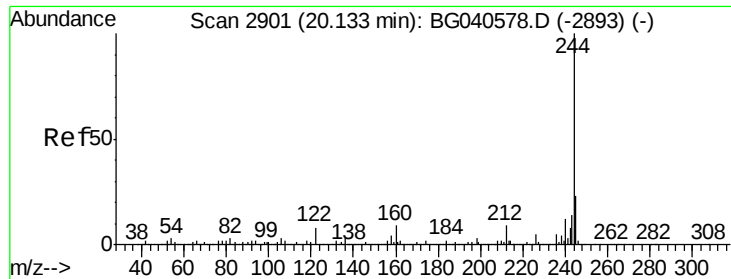


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.410 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampled :

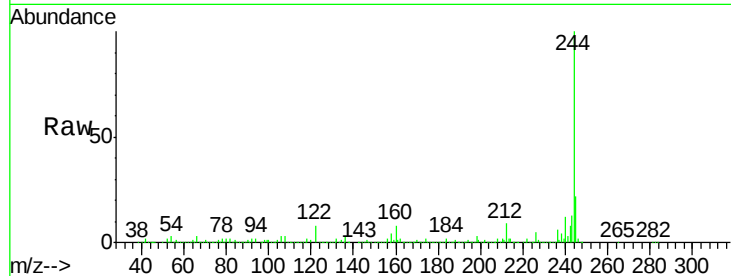
Tot Ion:244 Resp: 1362408

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	7.7	6.6	10.0

244 100

212 8.9 7.2 10.8

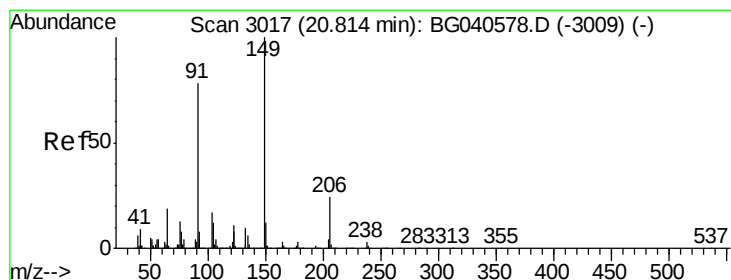
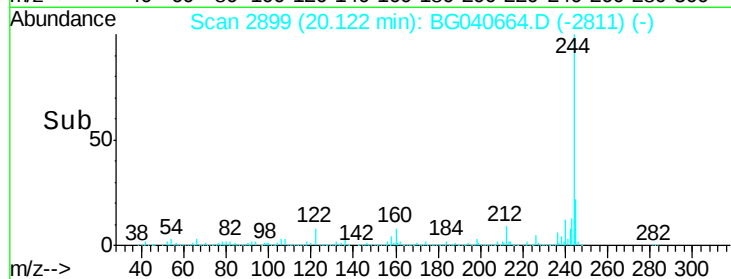
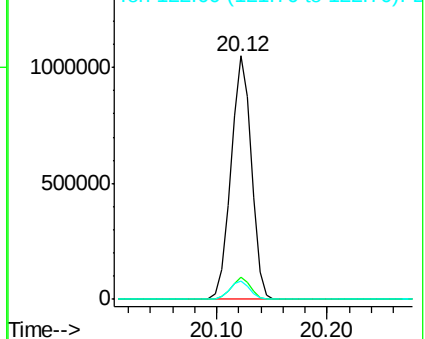
122 7.7 6.6 10.0



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: 41.189 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

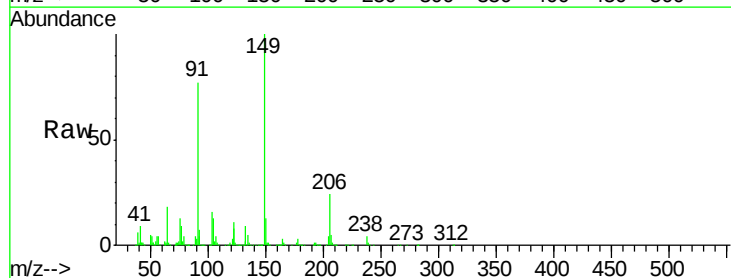
Tgt Ion:149 Resp: 402722

Ion	Ratio	Lower	Upper
149	100		
91	76.5	62.6	93.8
206	24.3	19.4	29.2

149 100

91 76.5 62.6 93.8

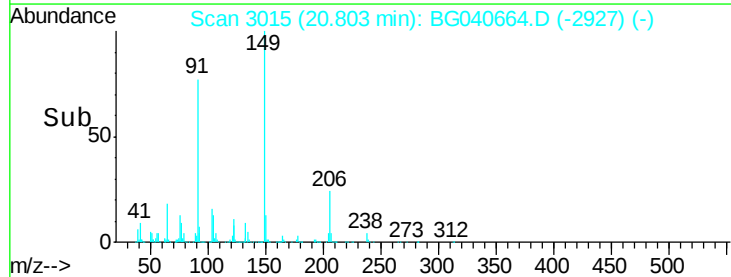
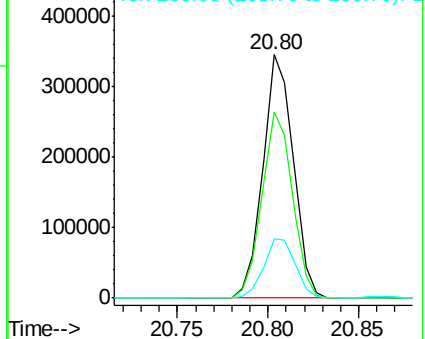
206 24.3 19.4 29.2



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: 39.496 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG040664.D

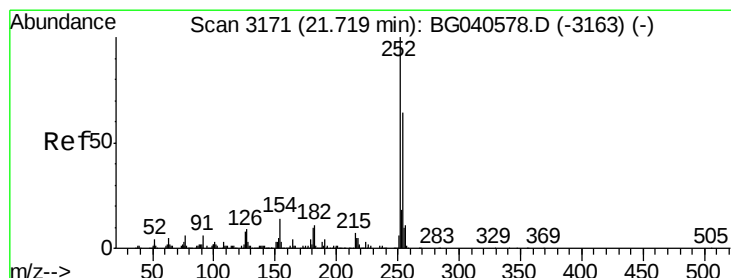
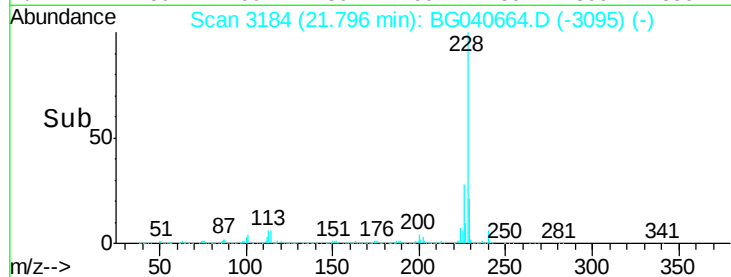
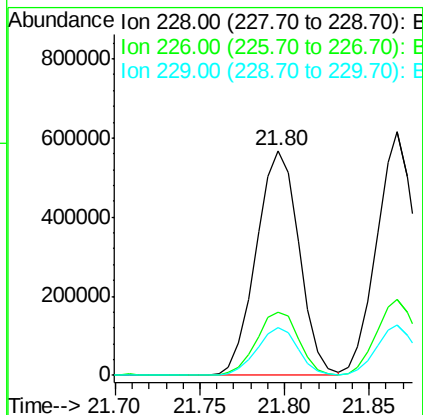
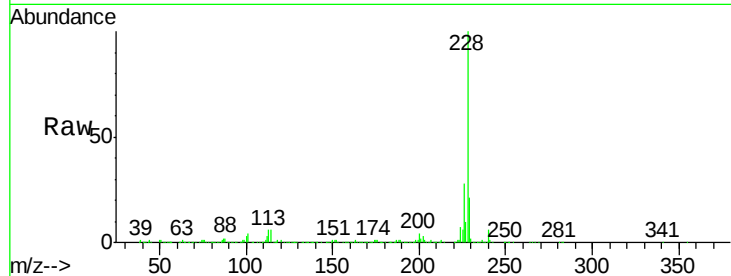
Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:228	Resp:	999102
Ion	Ratio	Lower Upper
228	100	
226	28.4	23.1 34.7
229	21.4	17.0 25.4



#82

3,3'-Dichlorobenzidine

Concen: 26.002 ng

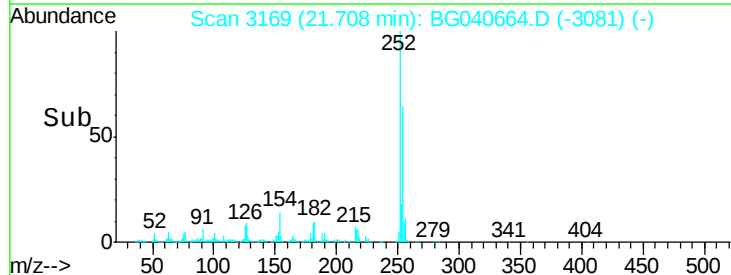
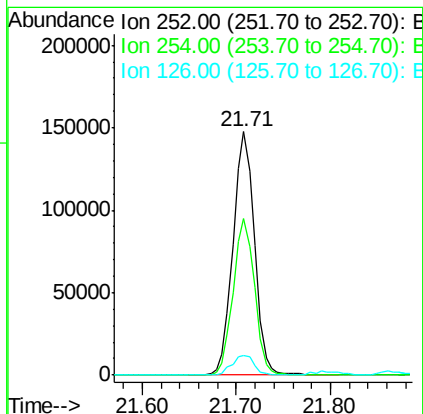
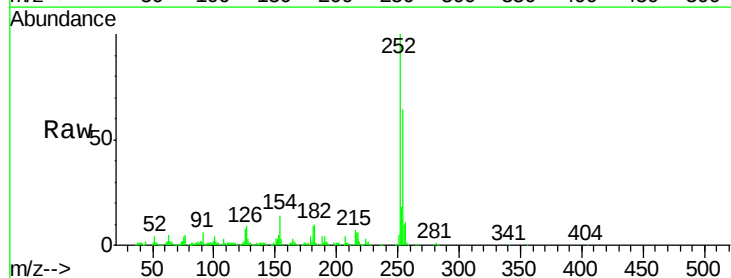
RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Tgt Ion:252	Resp:	234443
Ion	Ratio	Lower Upper
252	100	
254	64.4	51.2 76.8
126	8.2	6.6 10.0

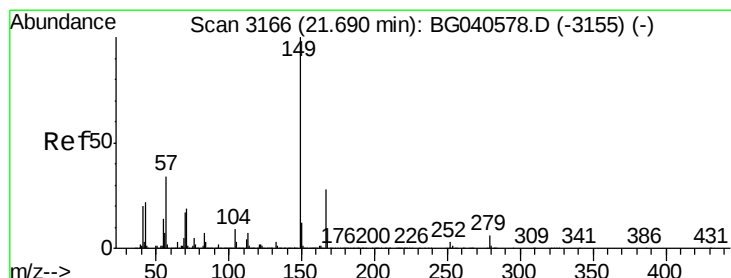
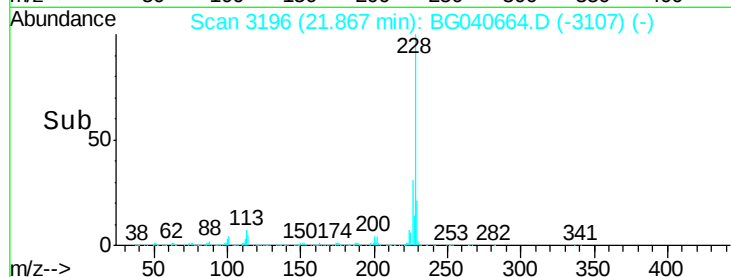
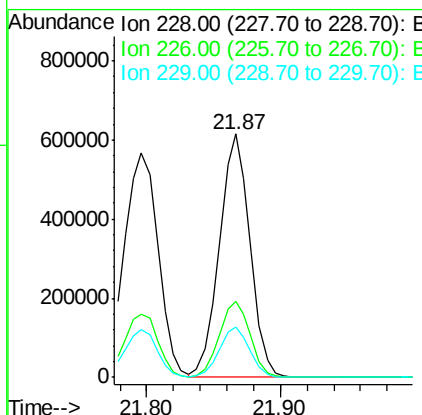
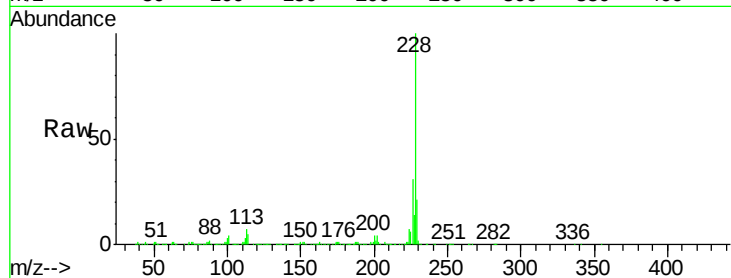




#83
 Chrysene
 Concen: 40.975 ng
 RT: 21.87 min Scan# 3196
 Delta R.T. -0.01 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

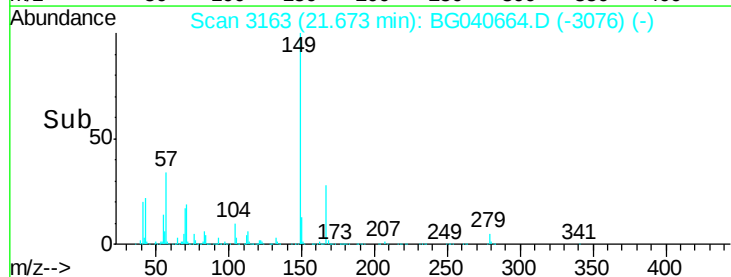
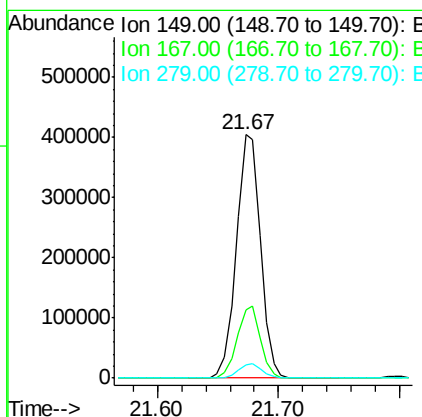
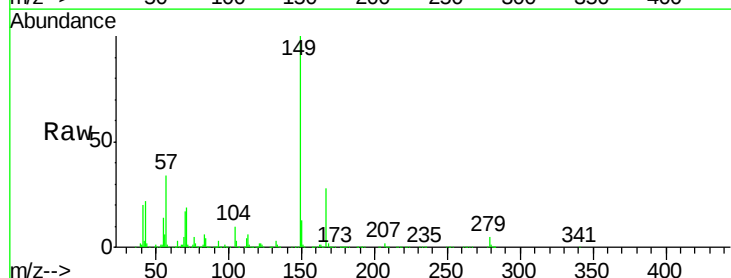
Instrument :
 BNA_G
 ClientSampleId :

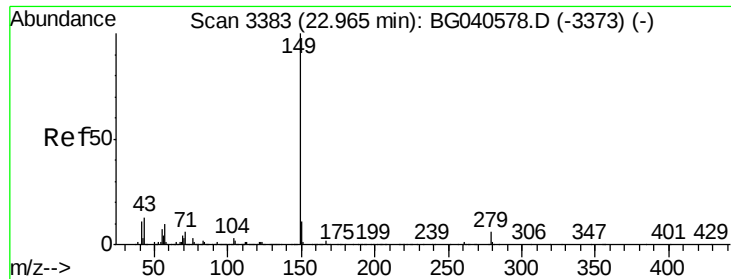
Tot Ion:228 Resp: 985749
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.5 38.3
 229 20.8 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.824 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.02 min
 Lab File: BG040664.D
 Acq: 29 Apr 2019 16:41

Tgt Ion:149 Resp: 562064
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.4 33.6
 279 5.3 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 40.433 ng

RT: 22.94 min Scan# 3379

Delta R.T. -0.02 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

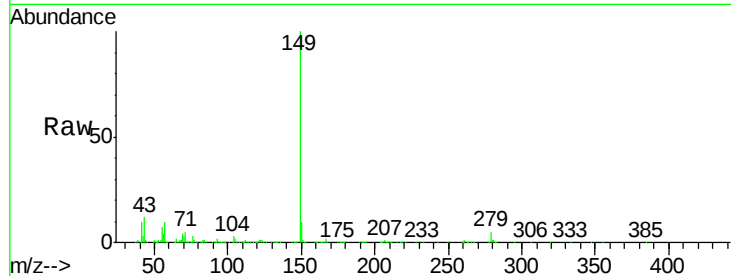
Tot Ion:149 Resp: 961074

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

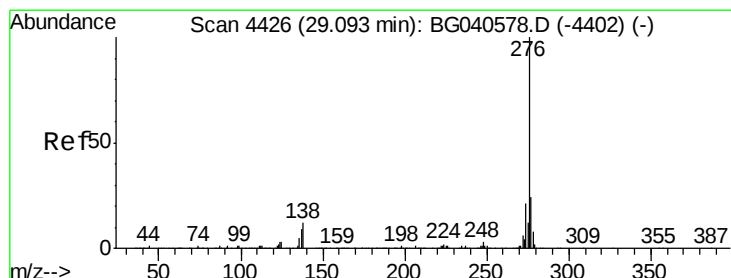
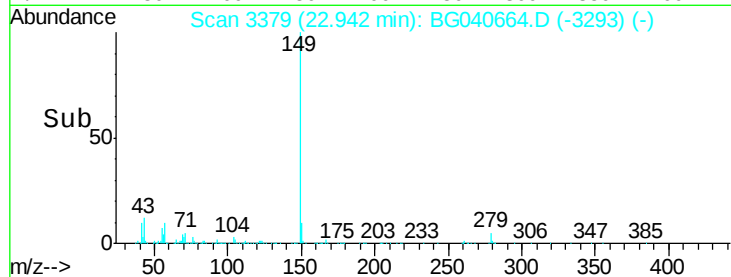
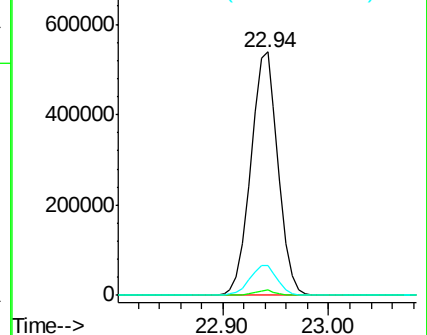
43 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.645 ng

RT: 29.07 min Scan# 4422

Delta R.T. -0.02 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

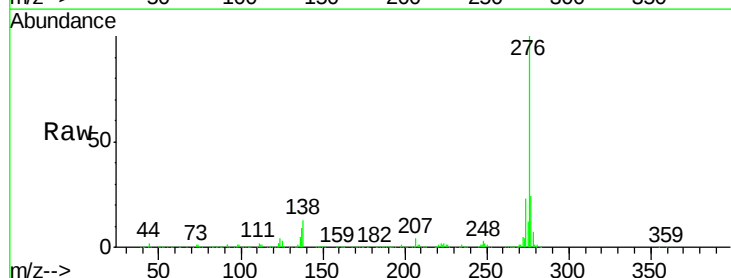
Tgt Ion:276 Resp: 1182227

Ion Ratio Lower Upper

276 100

138 9.6 9.8 14.6#

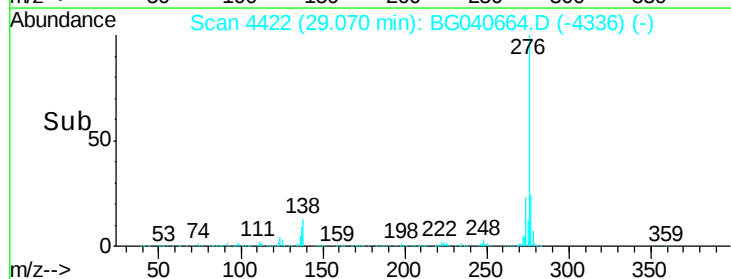
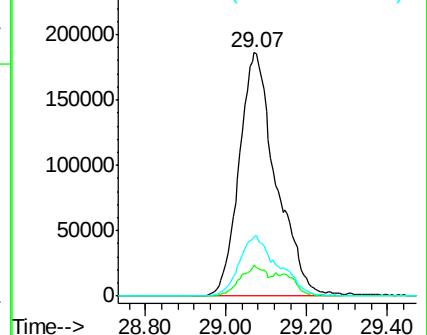
277 26.0 17.3 25.9#



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: 25.19 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

Instrument :

BNA_G

ClientSampleId :

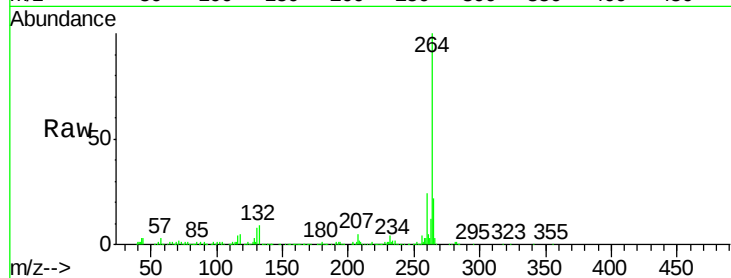
Tot Ion:264 Resp: 394003

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

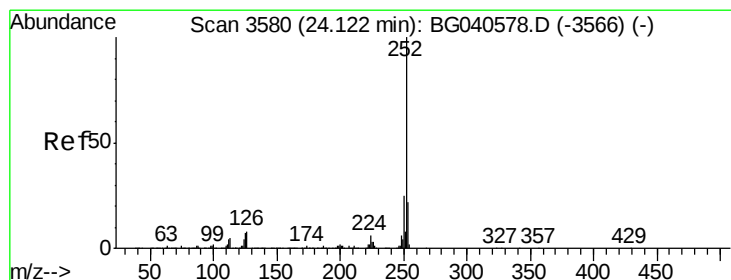
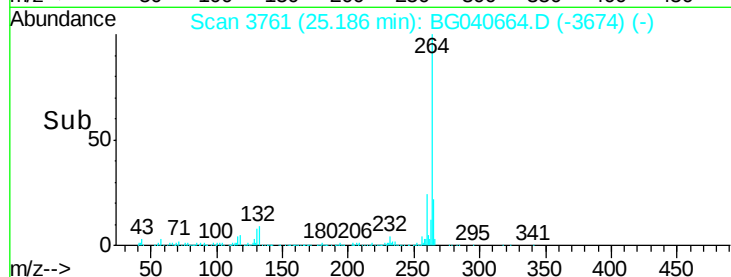
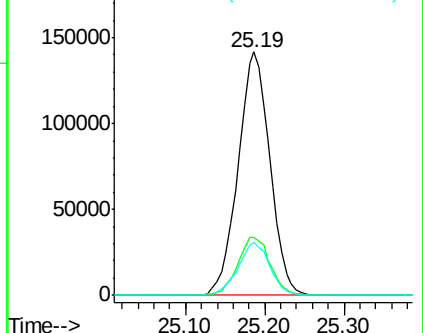
265 21.8 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.023 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG040664.D

Acq: 29 Apr 2019 16:41

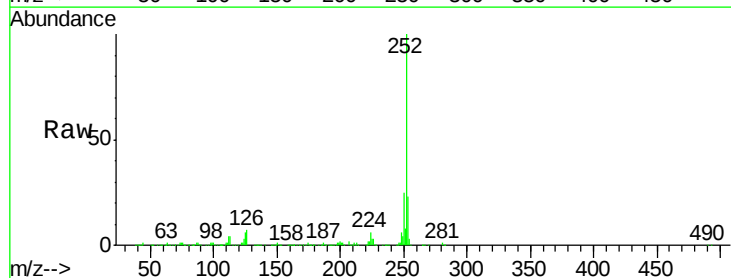
Tgt Ion:252 Resp: 1035870

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

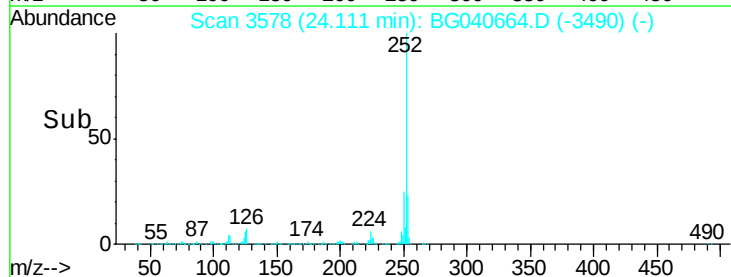
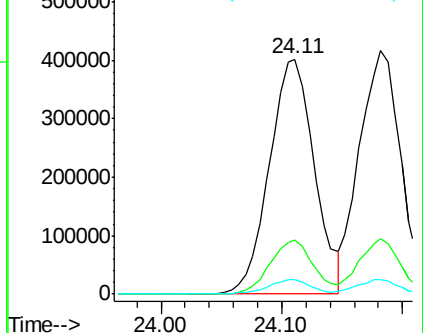
125 6.0 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

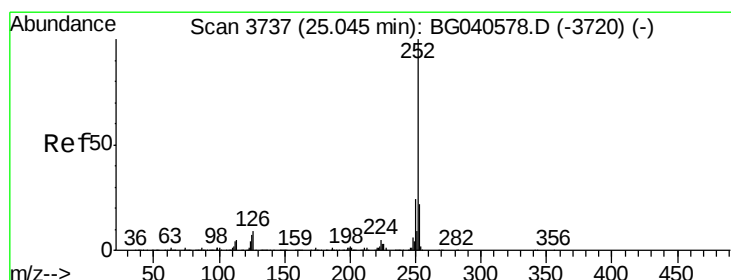
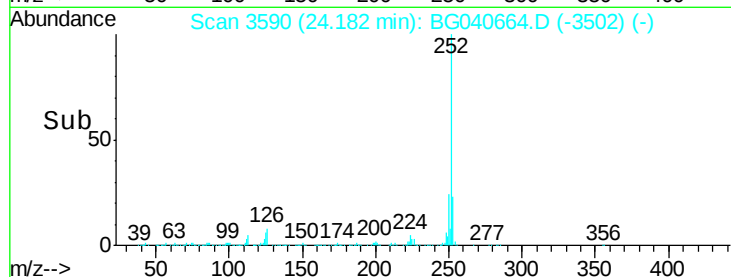
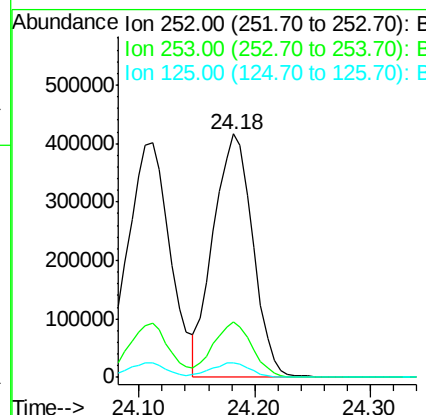
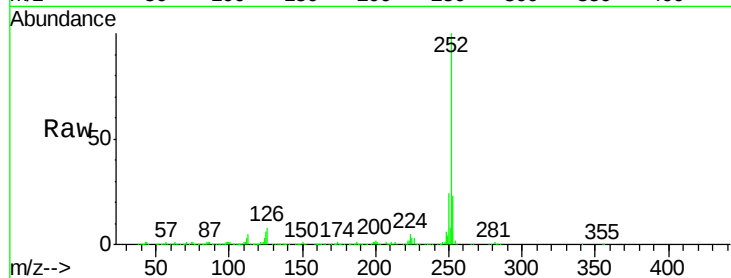




#89
Benzo(k)fluoranthene
Concen: 43.869 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

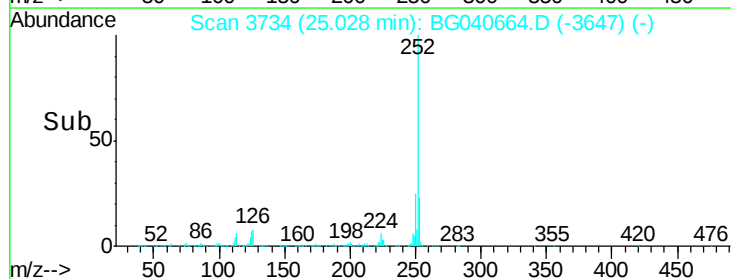
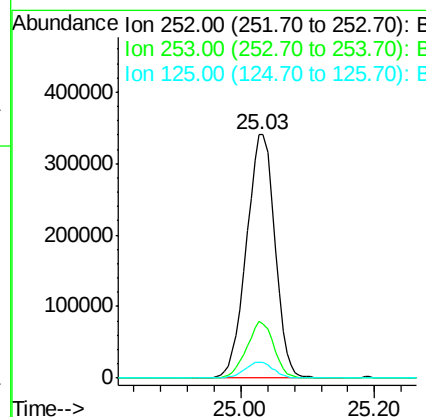
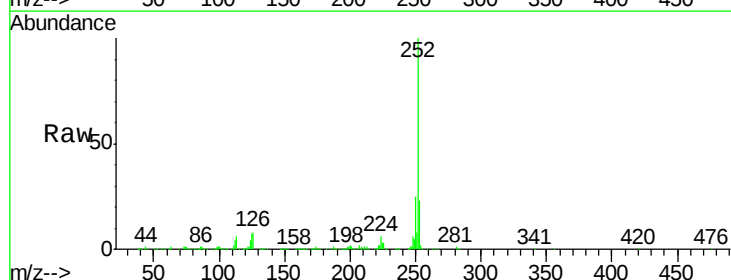
Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 986405
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 5.9 5.5 8.3



#90
Benzo(a)pyrene
Concen: 43.690 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion:252 Resp: 995730
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 6.6 5.7 8.5

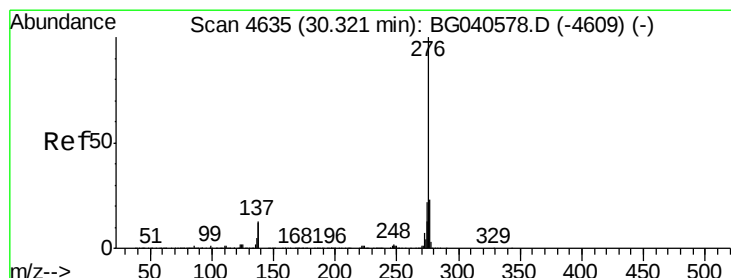
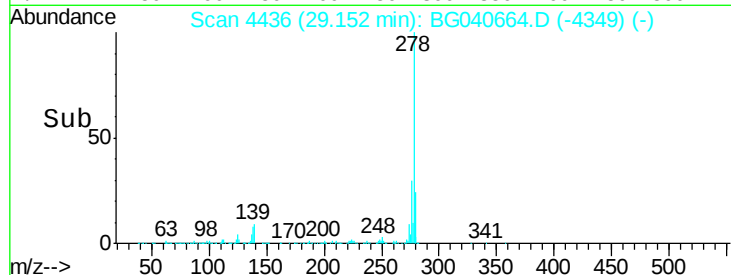
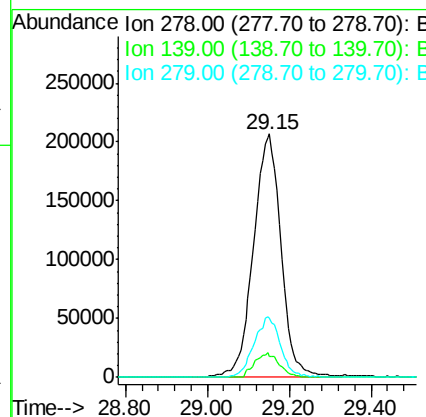
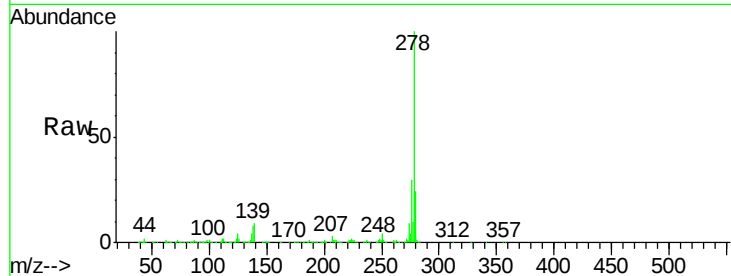




#91
Dibenzo(a,h)anthracene
Concen: 42.026 ng
RT: 29.15 min Scan# 4436
Delta R.T. -0.02 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 969259
Ion Ratio Lower Upper
278 100
139 8.6 8.2 12.4
279 24.2 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 42.041 ng
RT: 30.30 min Scan# 4631
Delta R.T. -0.02 min
Lab File: BG040664.D
Acq: 29 Apr 2019 16:41

Tgt Ion:276 Resp: 965005
Ion Ratio Lower Upper
276 100
277 24.4 18.4 27.6
138 12.5 9.8 14.6

