

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042919\
 Data File : BG040656.D
 Acq On : 29 Apr 2019 11:40
 Operator : JU/SJ
 Sample : PB119139BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 01:45:03 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	67929	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	296899	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	208513	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	568279	20.00	ng	0.00
76) Chrysene-d12	21.82	240	655074	20.00	ng	0.00
87) Perylene-d12	25.19	264	489373	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	590486	153.23	ng	0.00
7) Phenol-d6	7.30	99	845634	142.52	ng	0.00
23) Nitrobenzene-d5	9.33	82	521123	81.10	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	429694	149.93	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1057733	73.26	ng	0.00
79) Terphenyl-d14	20.13	244	2134872	72.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	72013	41.091	ng	96
3) Pyridine	3.96	79	129835	25.559	ng	97
4) n-Nitrosodimethylamine	3.88	42	107846	38.276	ng	# 95
6) Aniline	7.47	93	224316	28.523	ng	97
8) 2-Chlorophenol	7.71	128	212438	45.148	ng	95
9) Benzaldehyde	7.29	77	7354	Below Cal		# 78
10) Phenol	7.32	94	295212	46.285	ng	93
11) bis(2-Chloroethyl)ether	7.57	93	202948	42.433	ng	97
12) 1,3-Dichlorobenzene	8.04	146	201576	39.249	ng	99
13) 1,4-Dichlorobenzene	8.19	146	206570	39.677	ng	99
14) 1,2-Dichlorobenzene	8.51	146	201591	40.150	ng	99
15) Benzyl Alcohol	8.39	79	262627	42.540	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	381165	40.029	ng	99
17) 2-Methylphenol	8.58	107	207084	45.879	ng	95
18) Hexachloroethane	9.24	117	81450	38.138	ng	94
19) n-Nitroso-di-n-propylamine	8.96	70	202456	37.905	ng	97
20) 3+4-Methylphenols	8.91	107	281583	44.782	ng	96
22) Acetophenone	8.99	105	347867	42.135	ng	# 97
24) Nitrobenzene	9.38	77	302220	44.083	ng	96
25) Isophorone	9.89	82	561879	39.257	ng	99
26) 2-Nitrophenol	10.08	139	118149	48.078	ng	90
27) 2,4-Dimethylphenol	10.13	122	229976	49.877	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	290158	40.406	ng	98
29) 2,4-Dichlorophenol	10.62	162	240949	45.966	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	244939	42.136	ng	97
31) Naphthalene	11.03	128	643257	40.781	ng	100
32) Benzoic acid	10.27	122	170359	53.971	ng	89
33) 4-Chloroaniline	11.13	127	175943	25.158	ng	96
34) Hexachlorobutadiene	11.29	225	181711	42.341	ng	100
35) Caprolactam	11.94	113	43312	20.928	ng	97
36) 4-Chloro-3-methylphenol	12.23	107	292215	44.189	ng	95
37) 2-Methylnaphthalene	12.62	142	493129	41.814	ng	97
38) 1-Methylnaphthalene	12.84	142	468860	40.674	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	333667	42.956	ng	99

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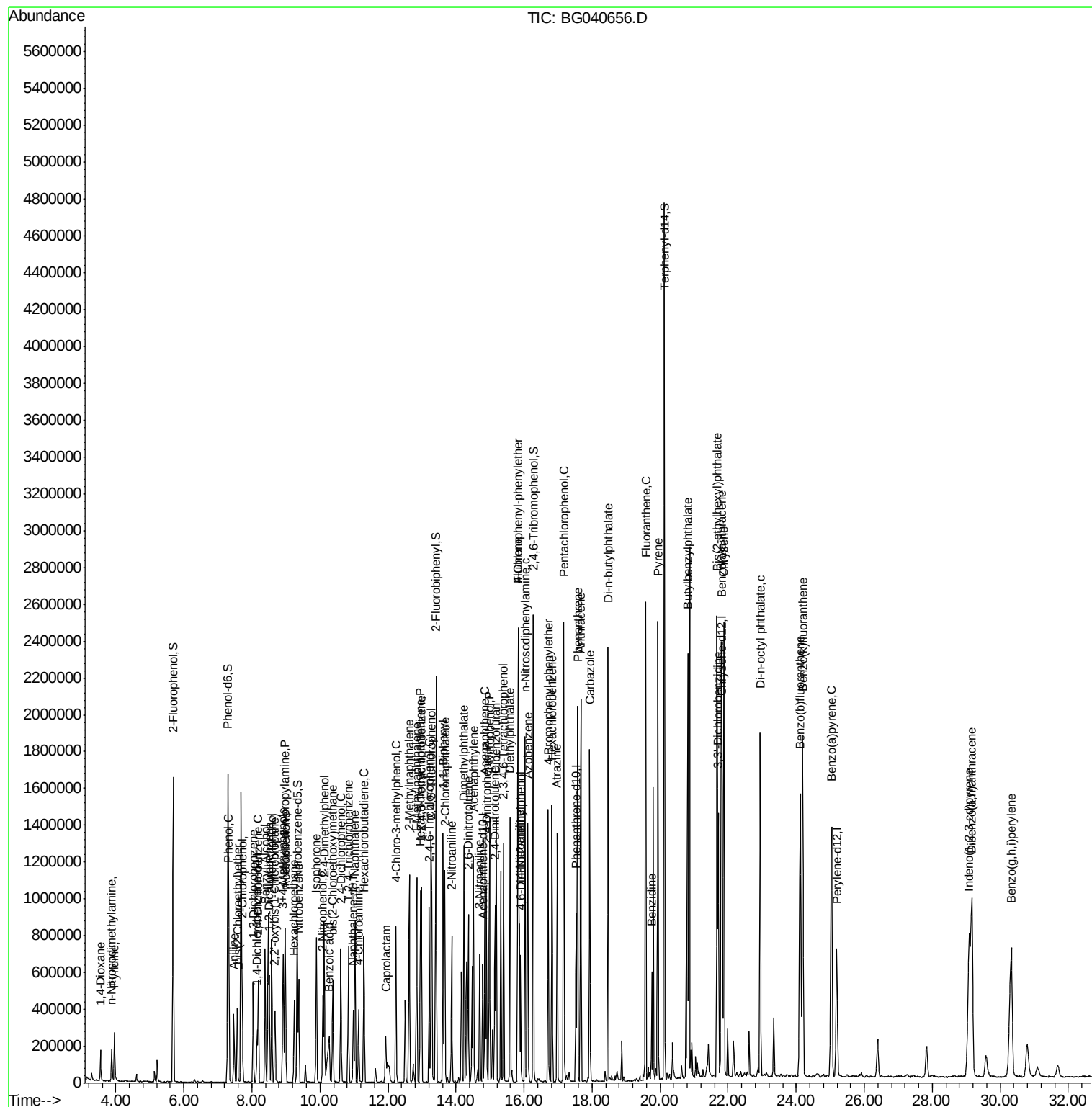
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	291968	63.699	nq	98
43) 2,4,6-Trichlorophenol	13.22	196	221041	47.090	nq	97
44) 2,4,5-Trichlorophenol	13.29	196	237807	46.506	nq	98
46) 1,1'-Biphenyl	13.62	154	663192	40.965	nq	97
47) 2-Chloronaphthalene	13.67	162	530220	41.850	nq	99
48) 2-Nitroaniline	13.87	65	231439	51.319	nq	97
49) Acenaphthylene	14.51	152	841329	39.140	nq	98
50) Dimethylphthalate	14.23	163	729521	41.816	nq	99
51) 2,6-Dinitrotoluene	14.36	165	164413	48.287	nq	98
52) Acenaphthene	14.85	154	505123	40.352	nq	96
53) 3-Nitroaniline	14.69	138	138766	39.776	nq	# 96
54) 2,4-Dinitrophenol	14.89	184	206424	105.083	nq	# 81
55) Dibenzofuran	15.18	168	863002	42.090	nq	98
56) 4-Nitrophenol	14.99	139	298374	98.633	nq	98
57) 2,4-Dinitrotoluene	15.15	165	240940	52.076	nq	98
58) Fluorene	15.83	166	697587	42.094	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	259660	50.451	nq	99
60) Diethylphthalate	15.59	149	781198	42.441	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	421265	43.706	nq	99
62) 4-Nitroaniline	15.86	138	185922	47.641	nq	95
63) Azobenzene	16.11	77	786270	41.478	nq	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	139552	49.567	nq	96
66) n-Nitrosodiphenylamine	16.03	169	653110	39.063	nq	99
67) 4-Bromophenyl-phenylether	16.71	248	284101	40.128	nq	96
68) Hexachlorobenzene	16.82	284	298743	40.808	nq	94
69) Atrazine	16.97	200	253601	38.284	nq	99
70) Pentachlorophenol	17.17	266	410482	95.821	nq	98
71) Phenanthrene	17.57	178	1244359	40.653	nq	96
72) Anthracene	17.67	178	1259481	40.936	nq	98
73) Carbazole	17.94	167	1167115	41.636	nq	98
74) Di-n-butylphthalate	18.47	149	1418858	41.937	nq	98
75) Fluoranthene	19.58	202	1634986	42.864	nq	98
77) Benzidine	19.75	184	328385	18.308	nq	97
78) Pyrene	19.93	202	1603683	39.060	nq	96
80) Butylbenzylphthalate	20.81	149	667367	41.705	nq	98
81) Benzo(a)anthracene	21.80	228	1614142	38.988	nq	98
82) 3,3'-Dichlorobenzidine	21.71	252	507397	34.385	nq	96
83) Chrysene	21.87	228	1587625	40.322	nq	97
84) Bis(2-ethylhexyl)phthalate	21.67	149	937197	40.573	nq	98
85) Di-n-octyl phthalate	22.94	149	1589438	40.857	nq	99
86) Indeno(1,2,3-cd)pyrene	29.08	276	1965941	41.297	nq	# 91
88) Benzo(b)fluoranthene	24.12	252	1689159	56.484	nq	96
89) Benzo(k)fluoranthene	24.19	252	1605297	57.479	nq	98
90) Benzo(a)pyrene	25.04	252	1614294	57.027	nq	97
91) Dibenzo(a,h)anthracene	29.16	278	1611297	56.248	nq	97
92) Benzo(g,h,i)perylene	30.32	276	1624139	56.968	nq	99

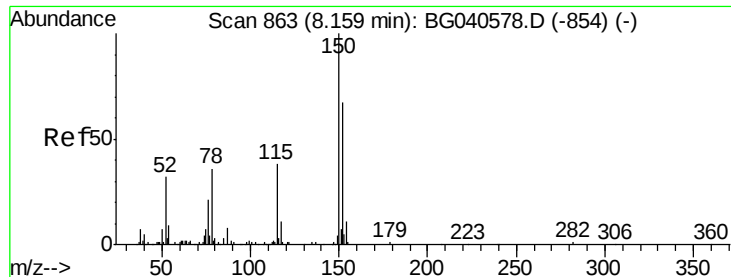
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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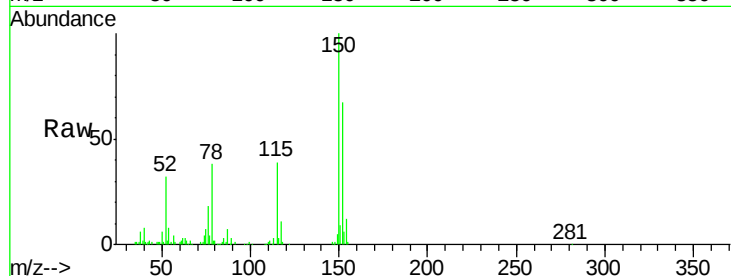


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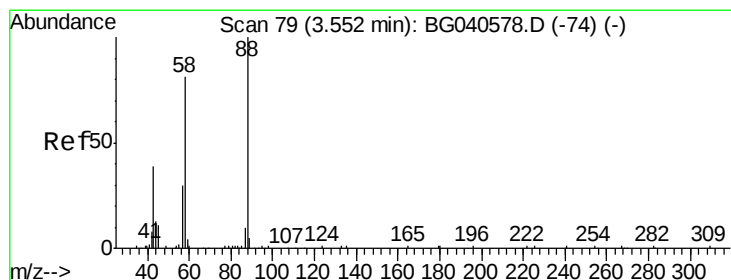
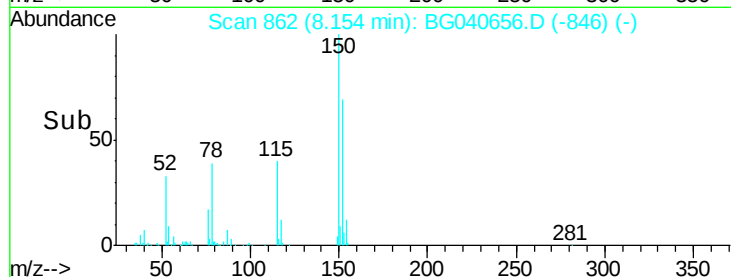
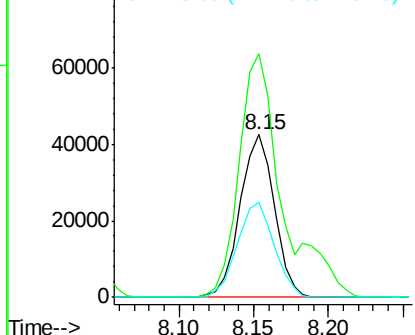
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 67929
Ion Ratio Lower Upper
152 100
150 149.6 120.2 180.2
115 58.5 46.2 69.2



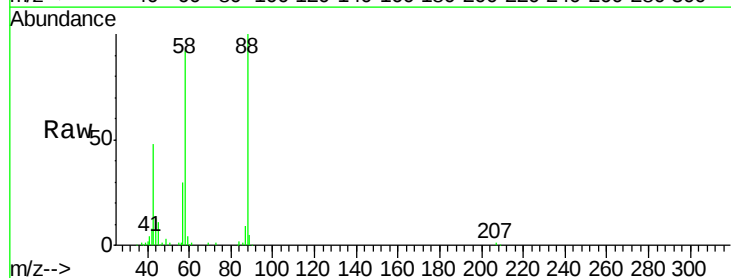
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



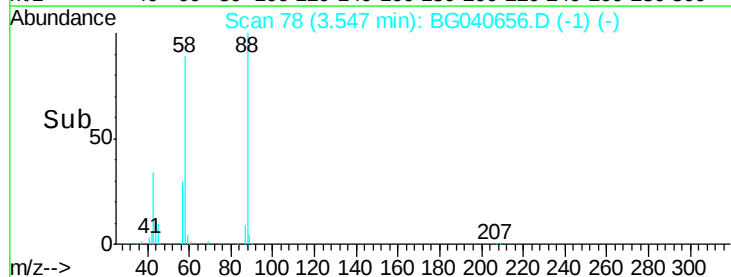
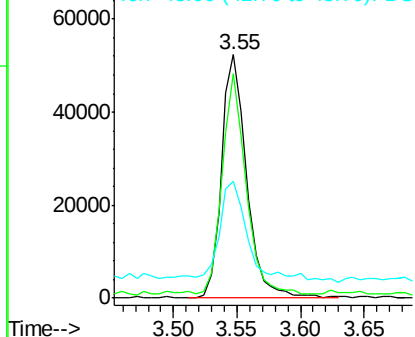
#2

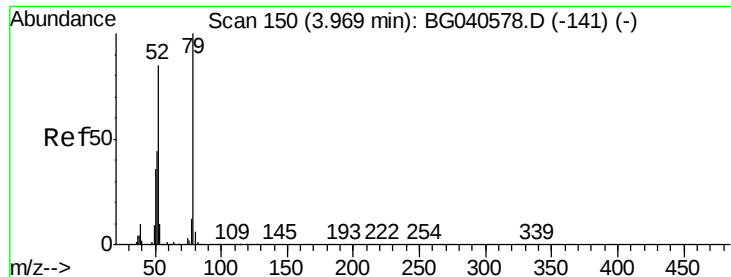
1,4-Dioxane
Concen: 41.091 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion: 88 Resp: 72013
Ion Ratio Lower Upper
88 100
58 86.3 71.2 106.8
43 48.4 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: 25.559 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampleId :

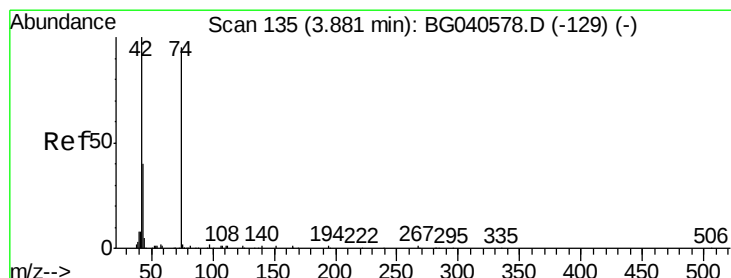
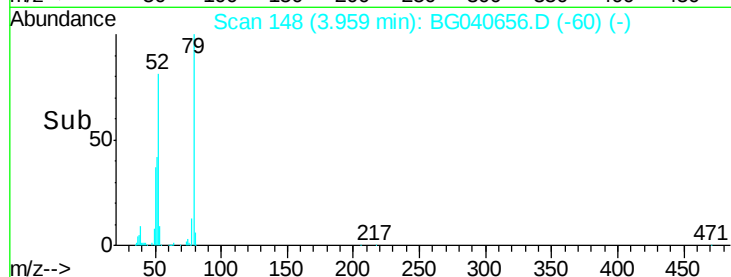
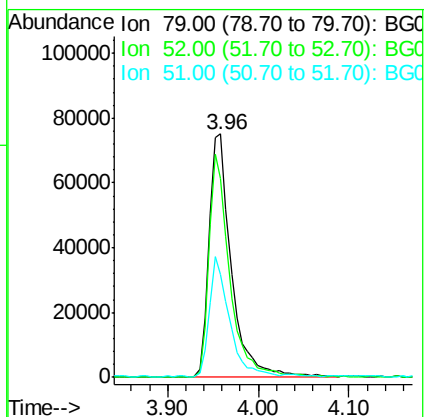
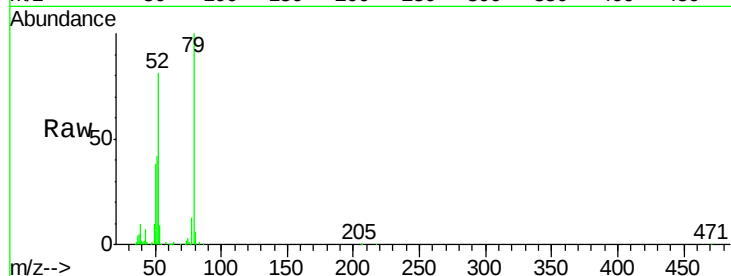
Tot Ion: 79 Resp: 129835

Ion Ratio Lower Upper

79 100

52 81.5 67.5 101.3

51 42.3 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 38.276 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

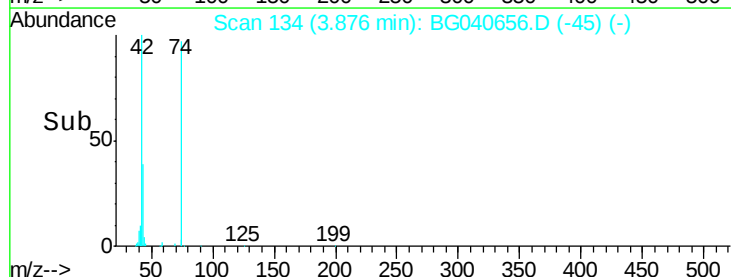
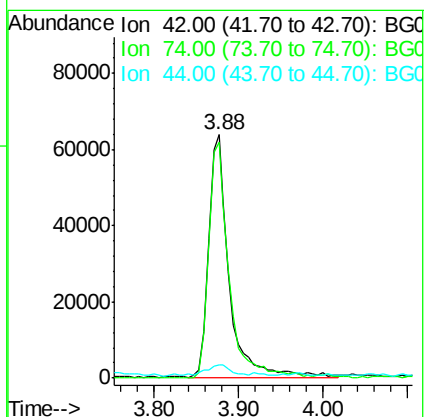
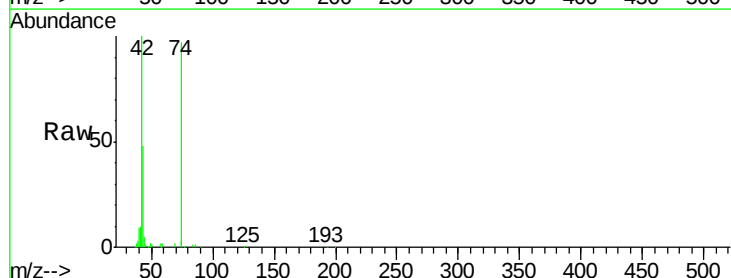
Tgt Ion: 42 Resp: 107846

Ion Ratio Lower Upper

42 100

74 97.1 74.6 111.8

44 5.2 7.4 11.0#





#5

2-Fluorophenol

Concen: 153.232 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampled :

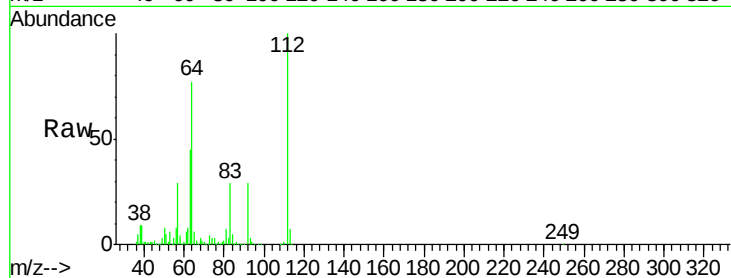
Tot Ion:112 Resp: 590486

Ion Ratio Lower Upper

112 100

64 77.0 61.4 92.0

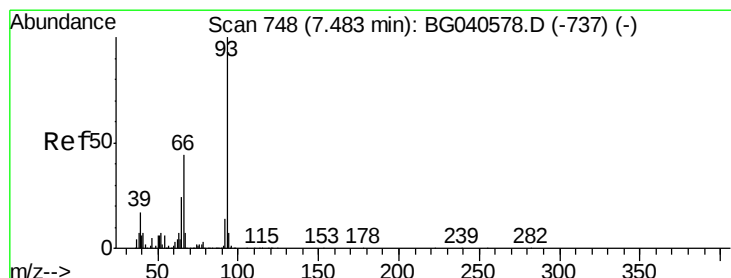
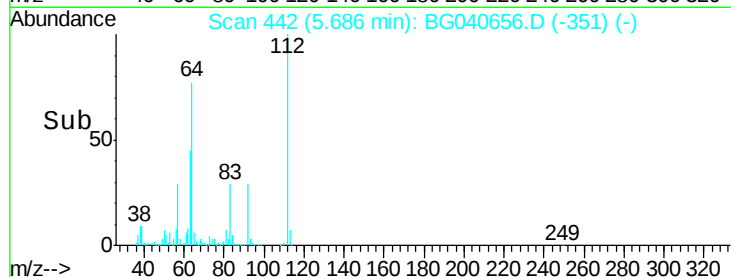
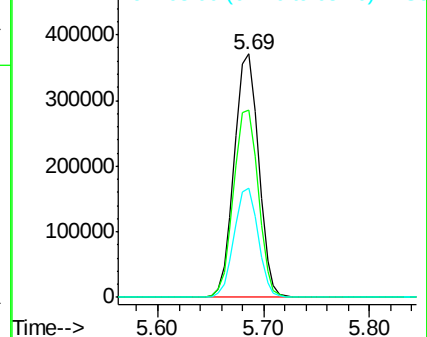
63 45.0 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.523 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

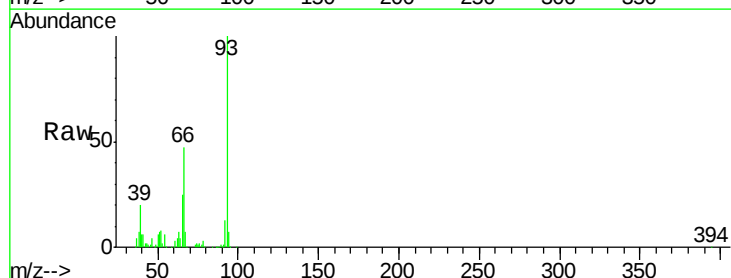
Tgt Ion: 93 Resp: 224316

Ion Ratio Lower Upper

93 100

66 46.7 35.5 53.3

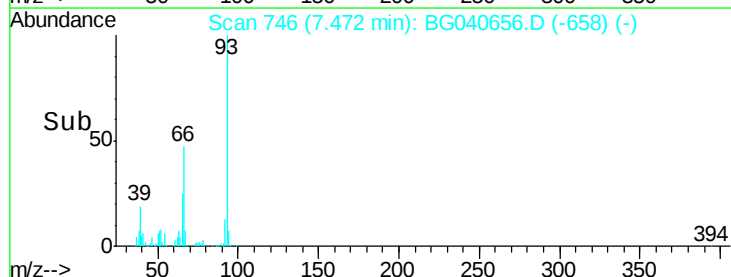
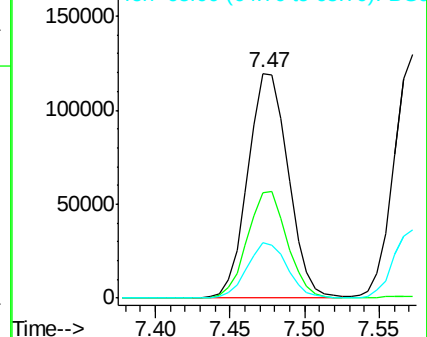
65 24.9 19.2 28.8

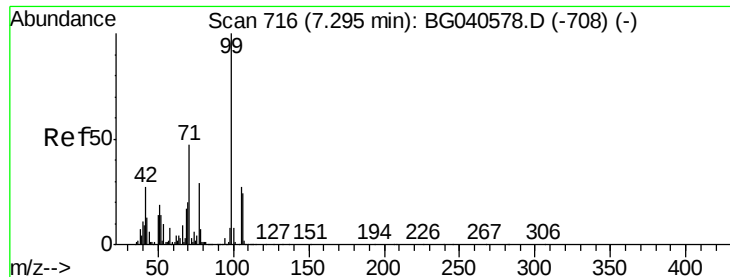


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 142.522 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

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ClientSampleId :

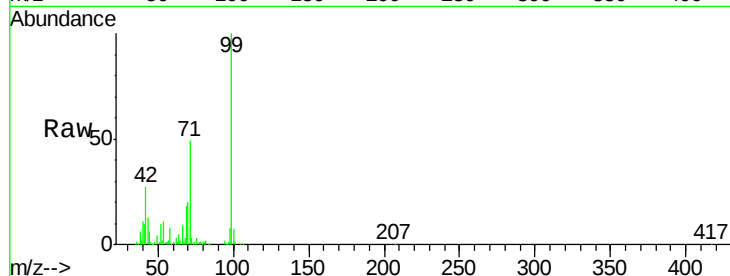
Tot Ion: 99 Resp: 845634

Ion Ratio Lower Upper

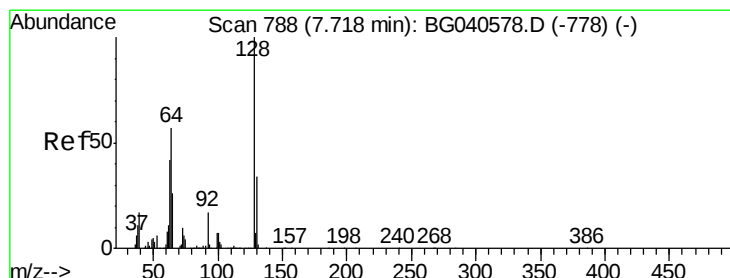
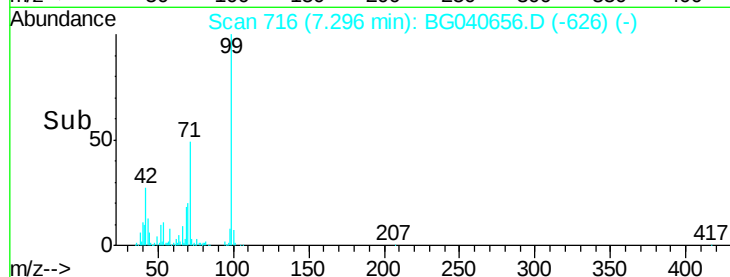
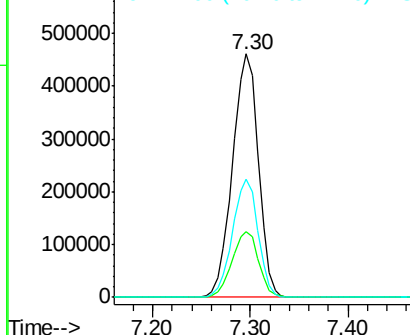
99 100

42 27.2 21.8 32.8

71 48.7 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: 45.148 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

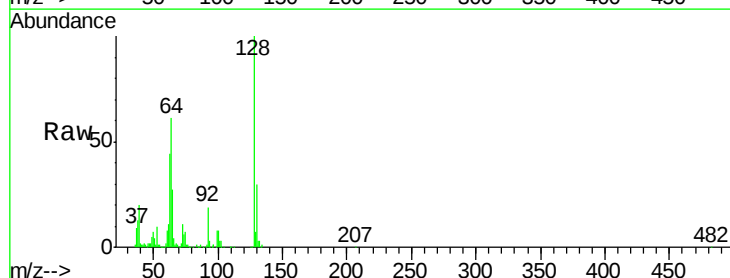
Tgt Ion: 128 Resp: 212438

Ion Ratio Lower Upper

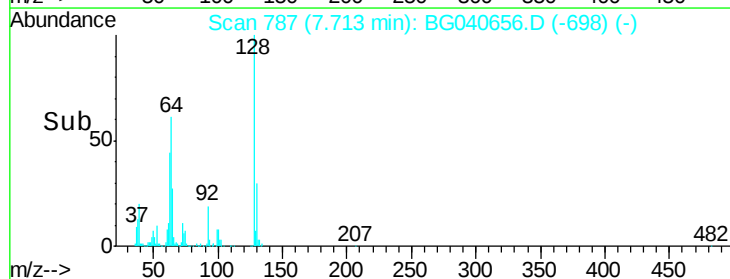
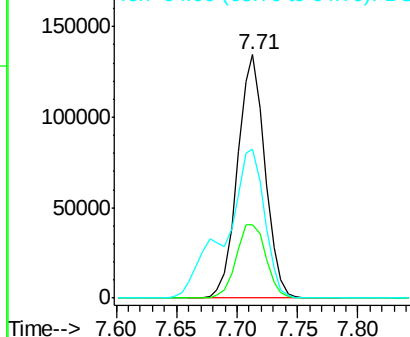
128 100

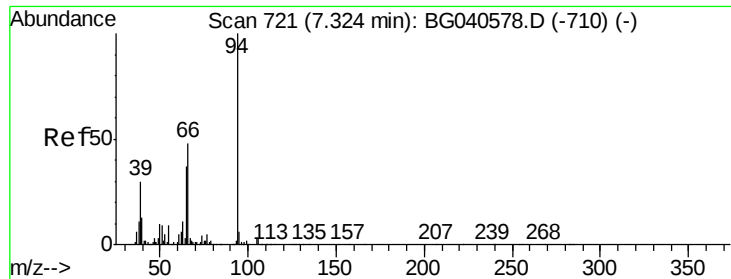
130 30.2 14.5 54.5

64 61.1 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





#10

Phenol

Concen: 46.285 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG040656.D

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Instrument :

BNA_G

ClientSampled :

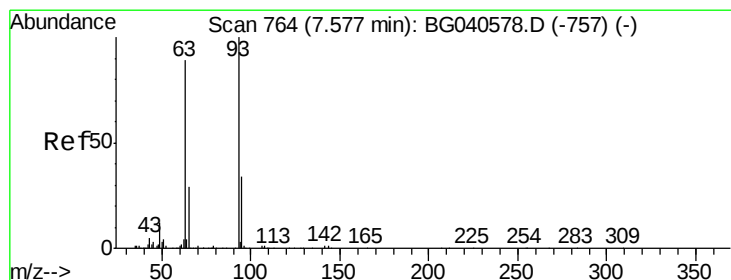
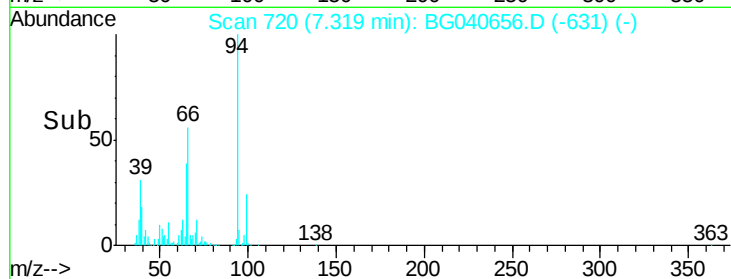
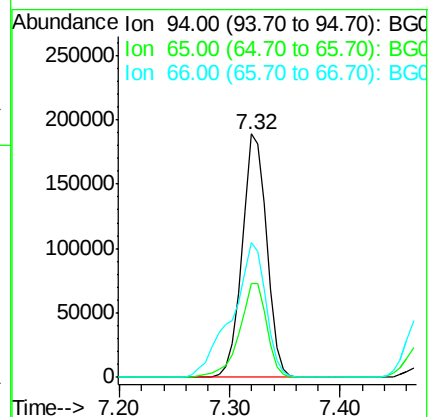
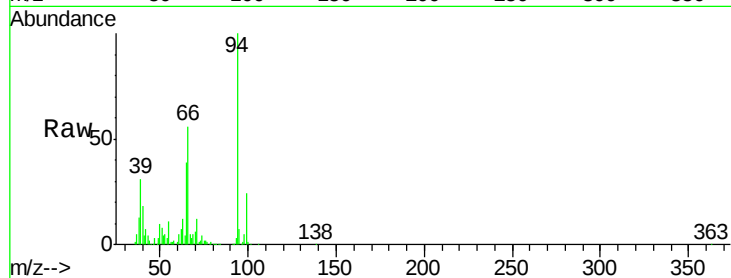
Tot Ion: 94 Resp: 295212

Ion Ratio Lower Upper

94 100

65 38.7 17.0 57.0

66 55.6 28.6 68.6



#11

bis(2-Chloroethyl)ether

Concen: 42.433 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

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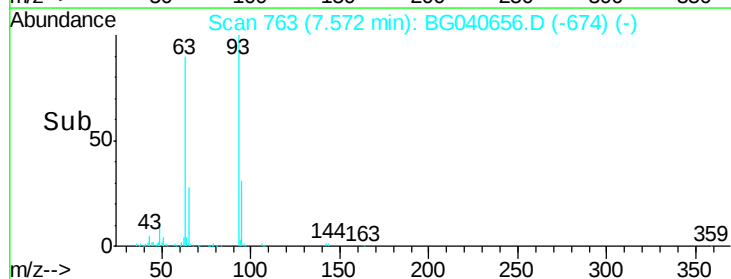
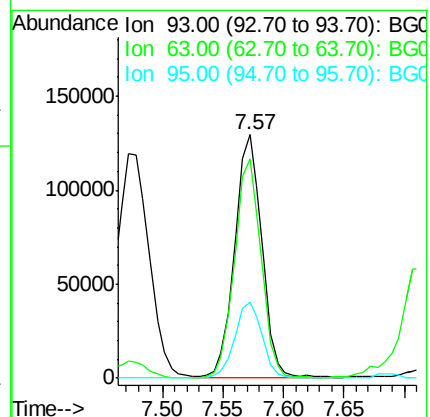
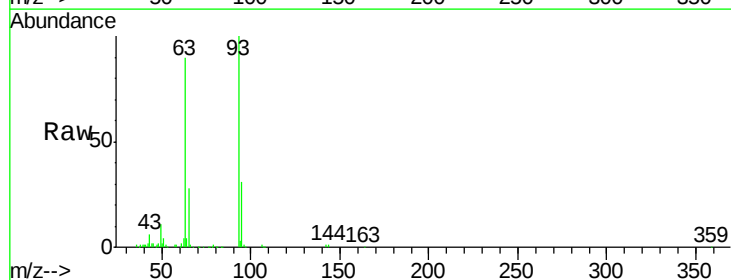
Tgt Ion: 93 Resp: 202948

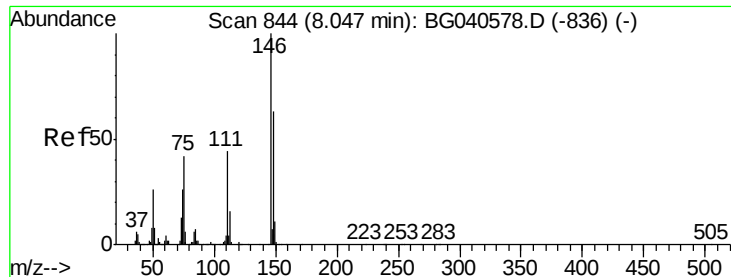
Ion Ratio Lower Upper

93 100

63 90.0 68.2 108.2

95 31.4 14.3 54.3

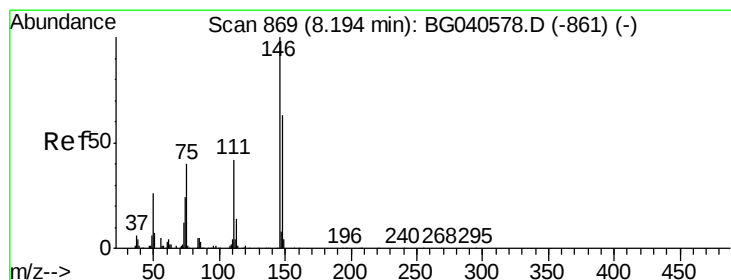
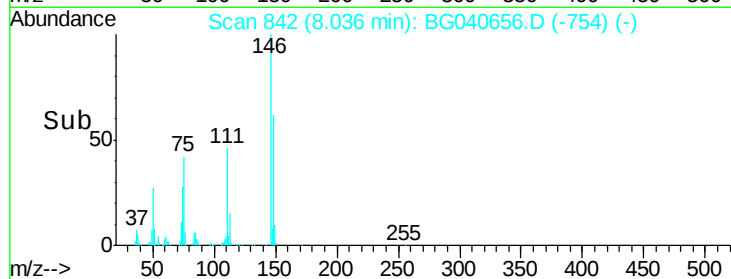
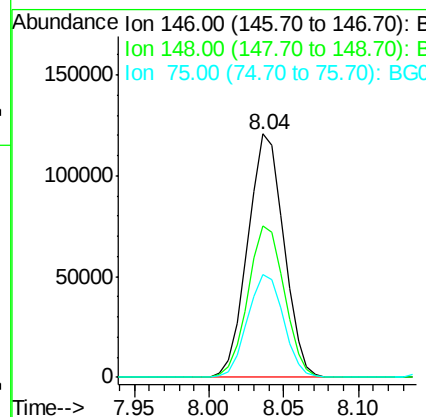
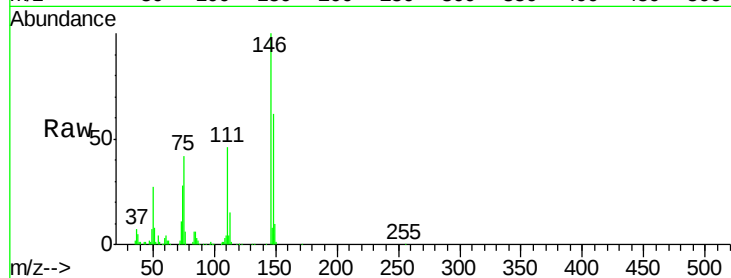




#12
 1,3-Dichlorobenzene
 Concen: 39.249 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

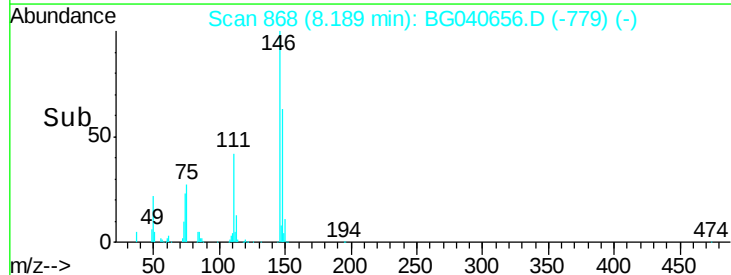
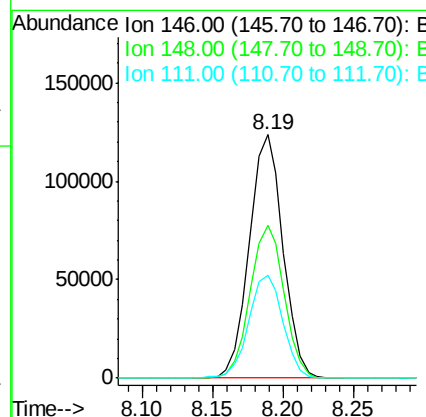
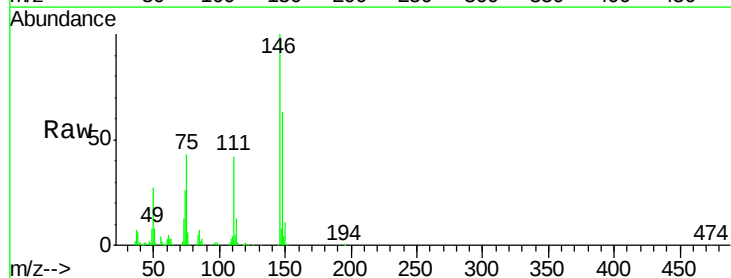
Instrument :
 BNA_G
 ClientSampleId :

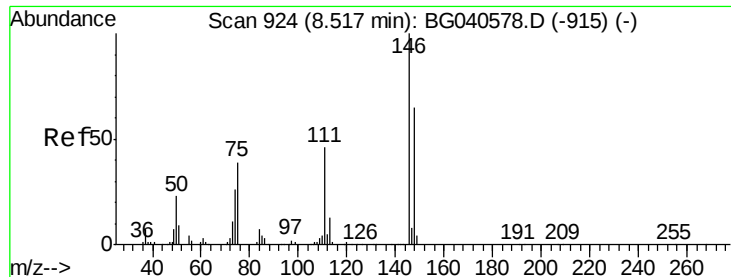
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.7	76.1
75	42.0	33.4	50.2



#13
 1,4-Dichlorobenzene
 Concen: 39.677 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
111	42.1	34.3	51.5





#14

1,2-Dichlorobenzene

Concen: 40.150 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampleId :

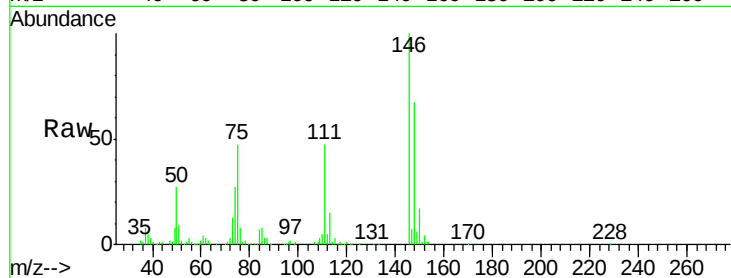
Tot Ion:146 Resp: 201591

Ion Ratio Lower Upper

146 100

148 66.6 52.2 78.4

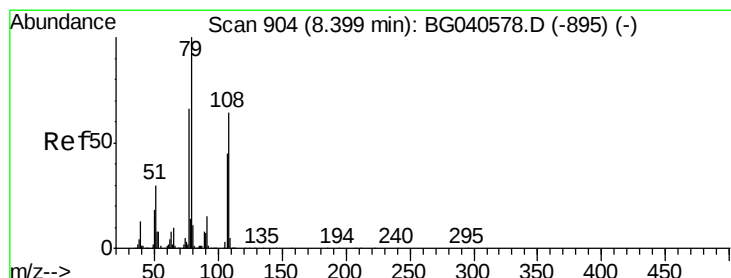
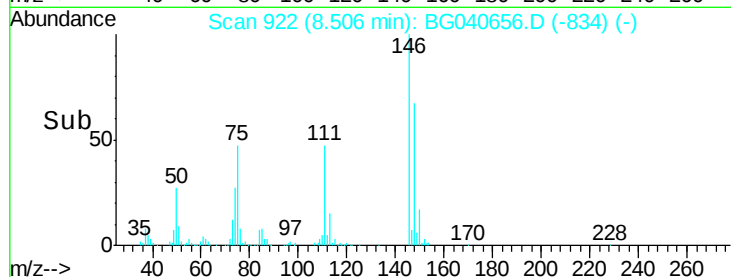
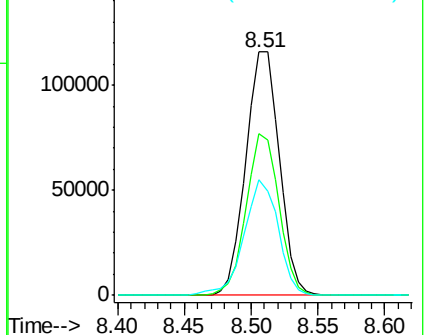
111 47.5 37.4 56.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 42.540 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

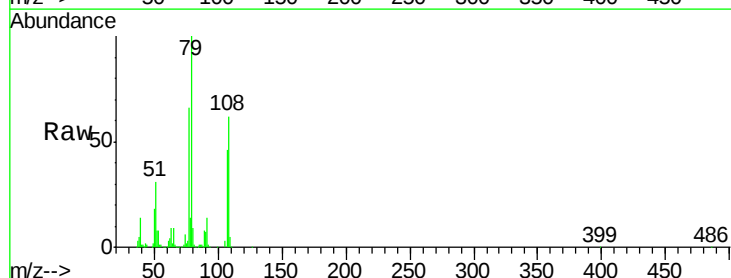
Tgt Ion: 79 Resp: 262627

Ion Ratio Lower Upper

79 100

108 61.6 51.4 77.0

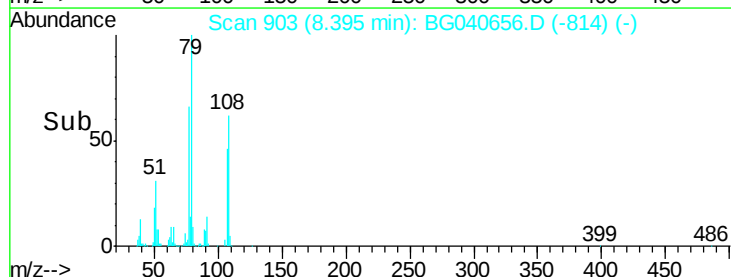
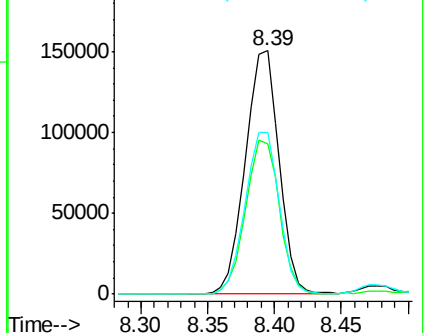
77 66.3 52.6 79.0

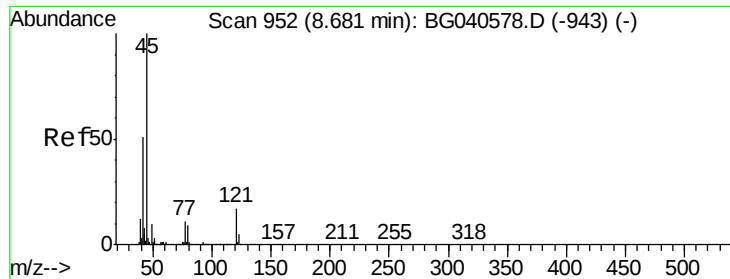


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

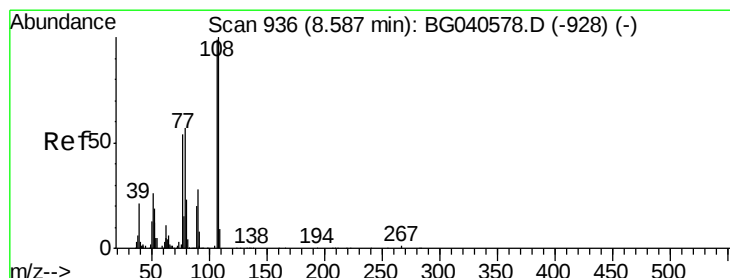
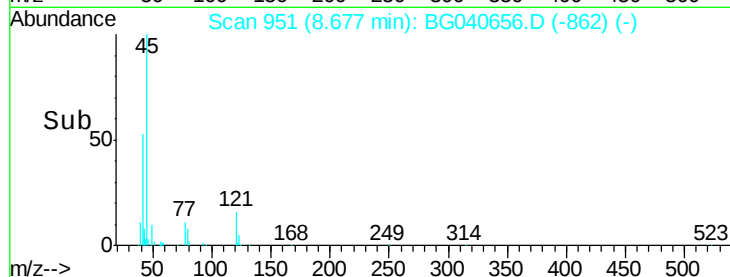
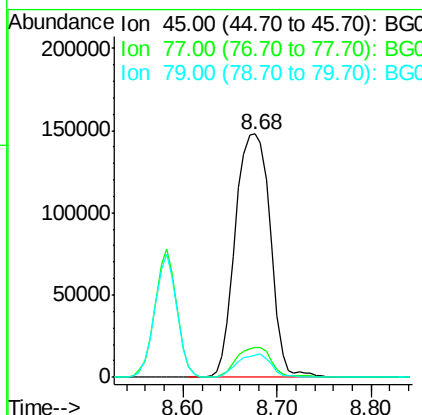
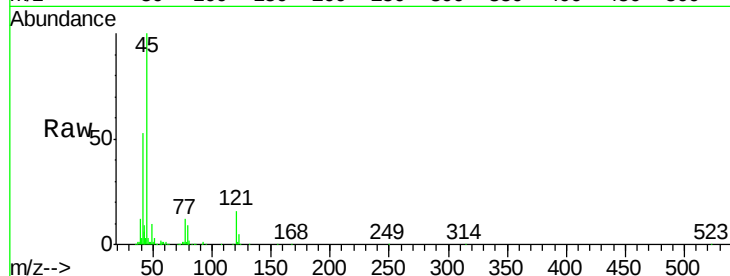




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.029 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

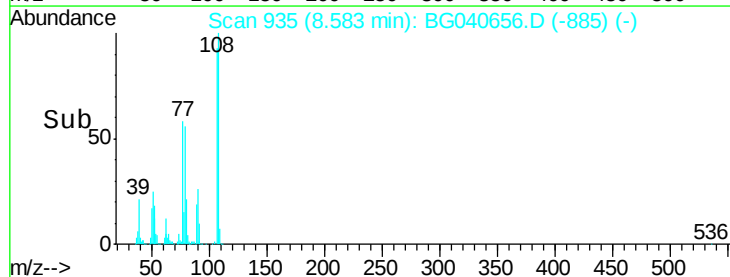
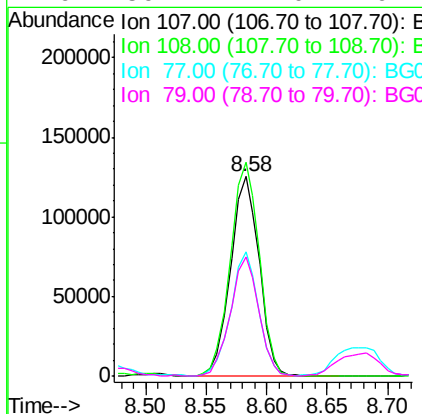
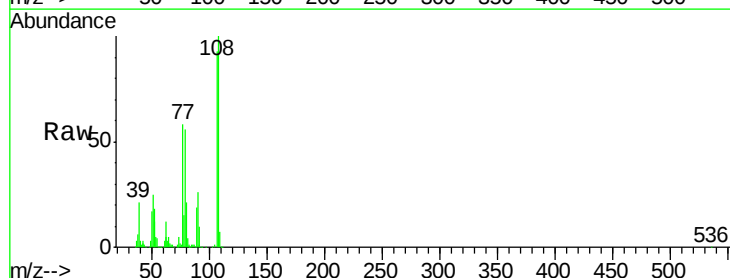
Instrument :
BNA_G
ClientSampleId :

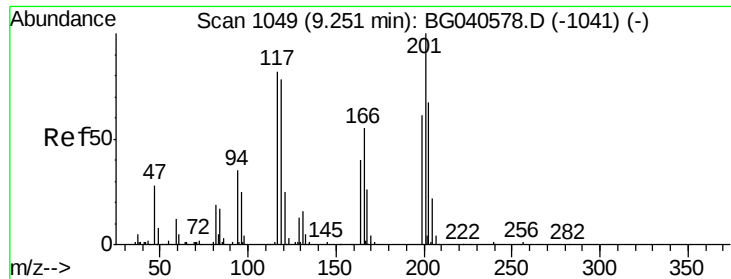
Tot Ion: 45 Resp: 381165
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.5
79 9.1 0.0 29.4



#17
2-Methylphenol
Concen: 45.879 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion:107 Resp: 207084
Ion Ratio Lower Upper
107 100
108 107.1 81.2 121.8
77 62.4 44.4 66.6
79 59.7 47.0 70.4

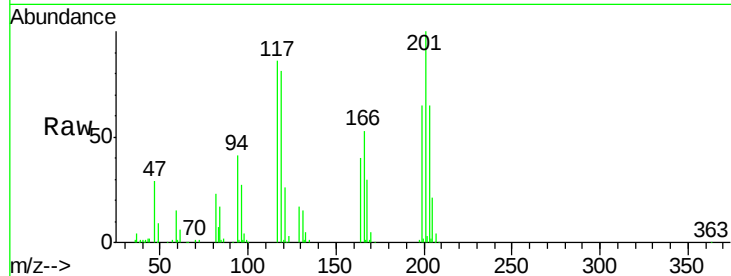




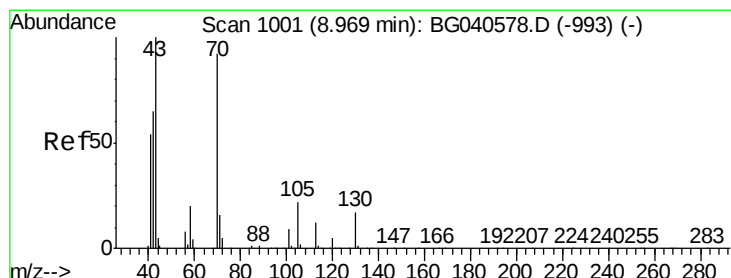
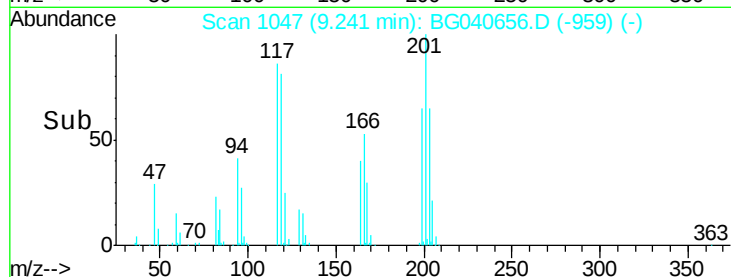
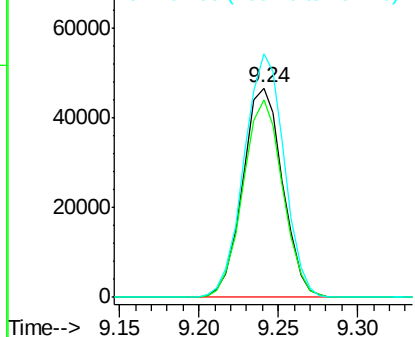
#18
Hexachloroethane
Concen: 38.138 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:117 Resp: 81450
Ion Ratio Lower Upper
117 100
119 94.1 76.6 114.8
201 116.2 101.0 151.6

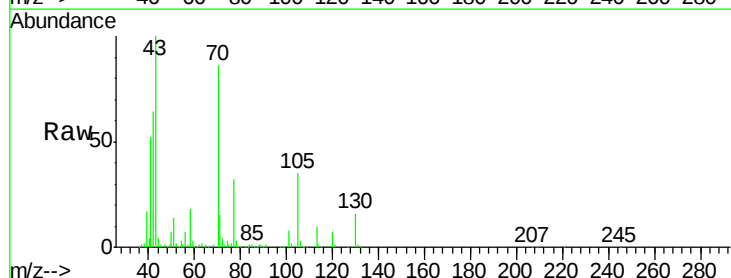


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

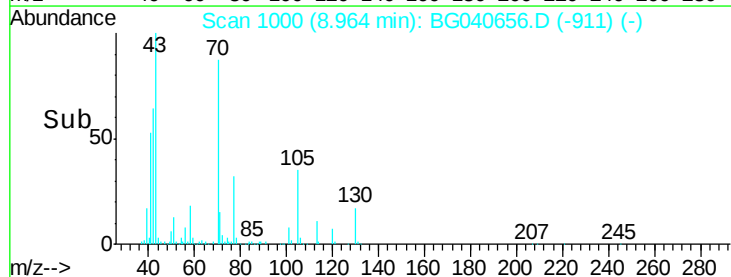
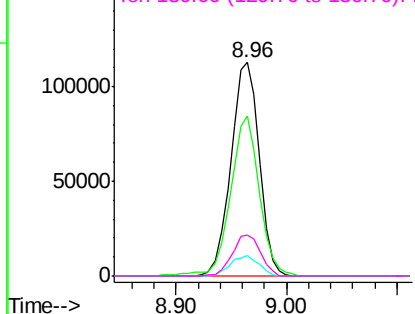


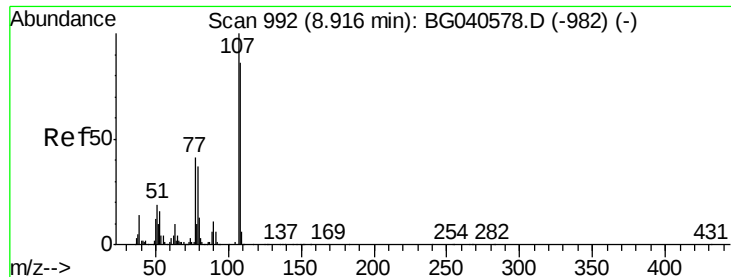
#19
n-Nitroso-di-n-propylamine
Concen: 37.905 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion: 70 Resp: 202456
Ion Ratio Lower Upper
70 100
42 74.6 57.1 85.7
101 9.5 7.8 11.8
130 19.1 14.6 21.8



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





#20

3+4-Methylphenols

Concen: 44.782 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 281583

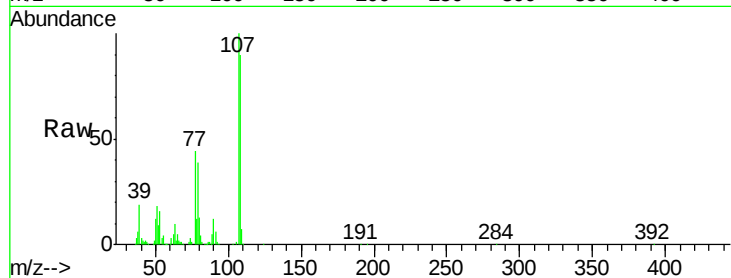
Ion Ratio Lower Upper

107 100

108 90.0 66.1 106.1

77 44.3 21.6 61.6

79 39.1 17.4 57.4

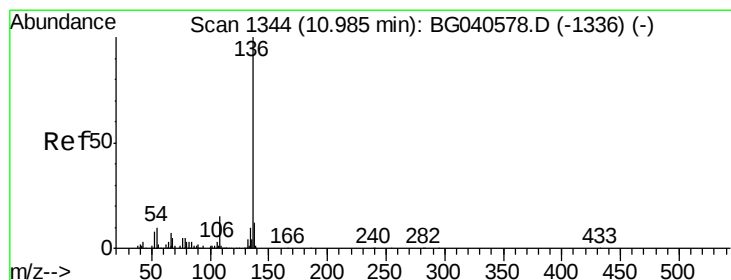
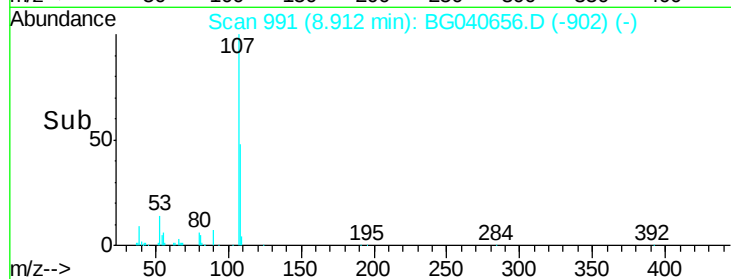
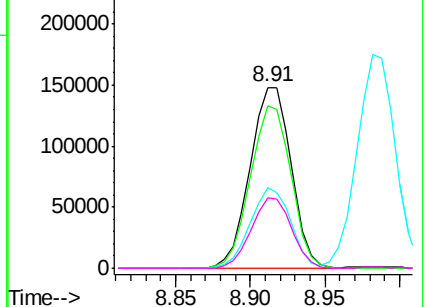


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Tgt Ion:136 Resp: 296899

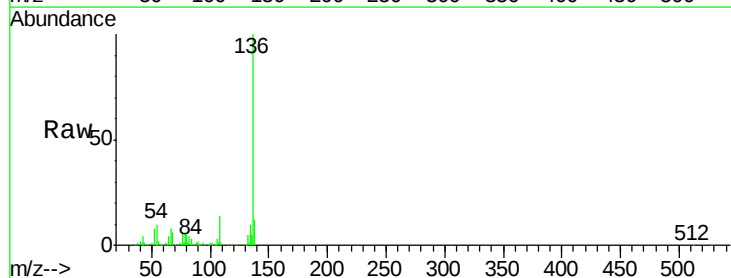
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 10.4 8.6 12.8

68 6.4 4.8 7.2

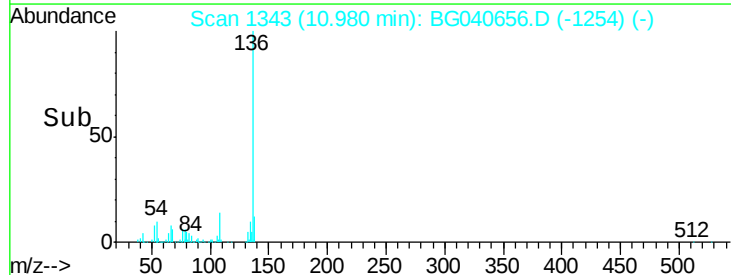
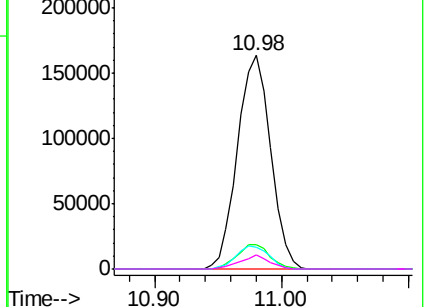


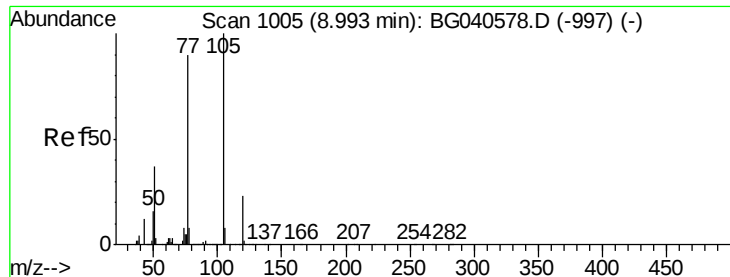
Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.135 ng

RT: 8.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 347867

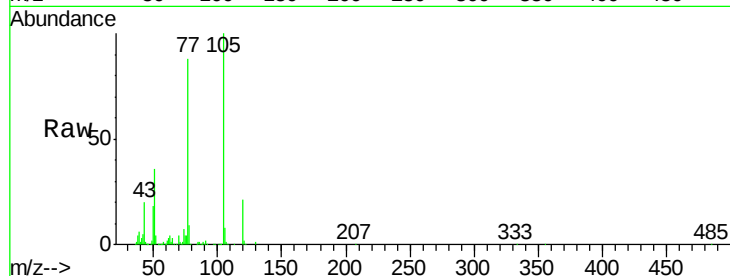
Ion Ratio Lower Upper

105 100

71 0.8 1.8 2.8#

51 36.1 29.8 44.8

120 21.5 18.4 27.6

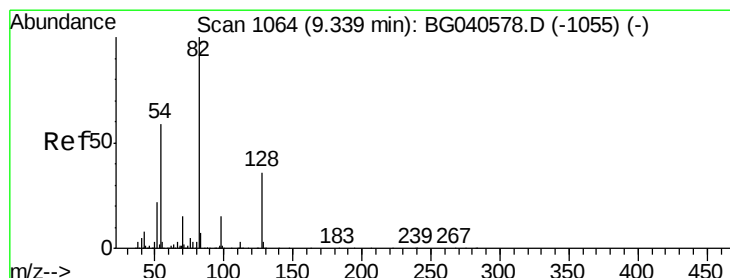
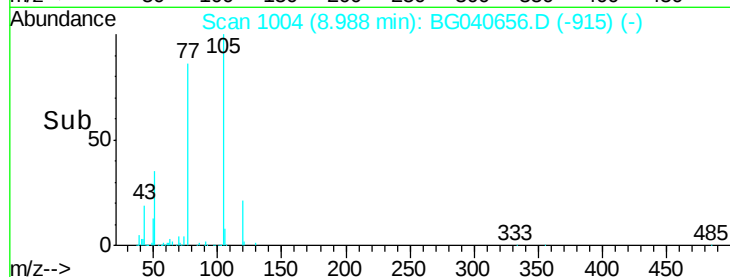
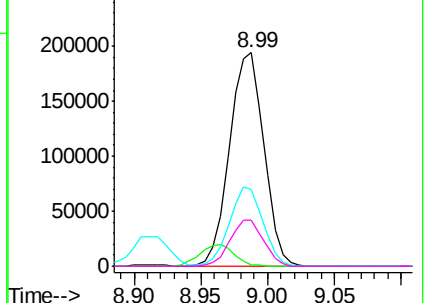


Abundance Ion 105.00 (104.70 to 105.70): E

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: 81.102 ng

RT: 9.33 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

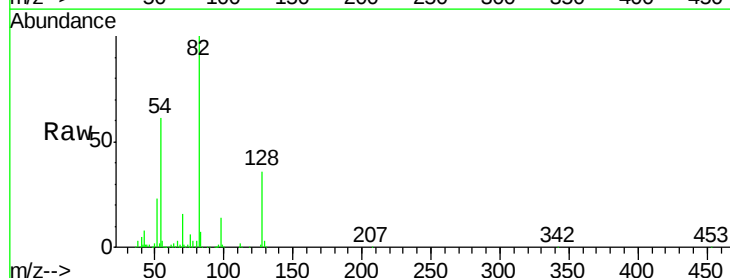
Tgt Ion: 82 Resp: 521123

Ion Ratio Lower Upper

82 100

128 36.0 28.9 43.3

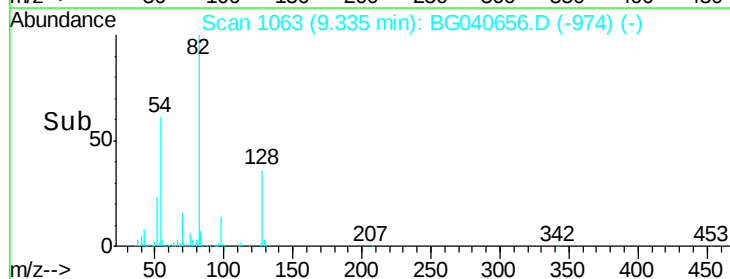
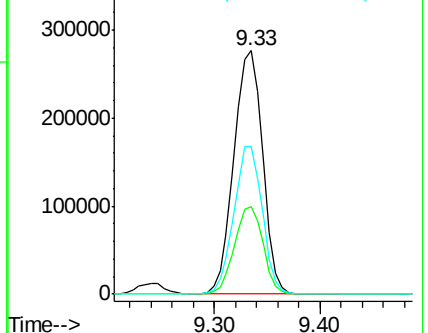
54 60.7 47.2 70.8

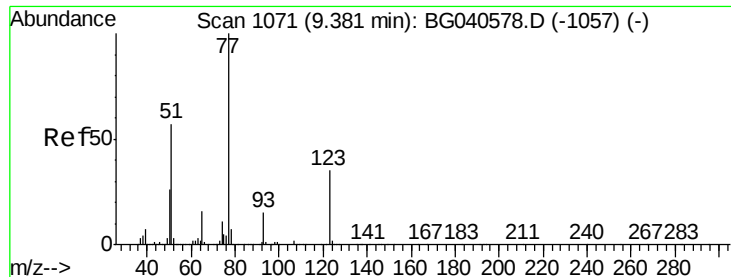


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

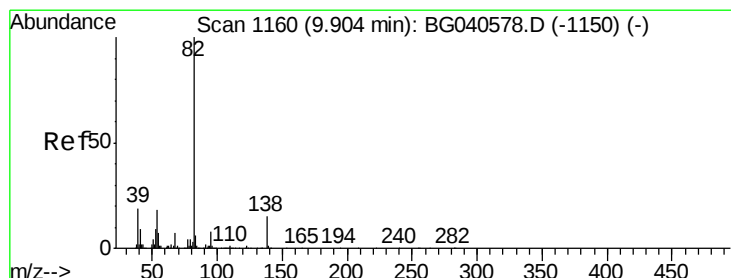
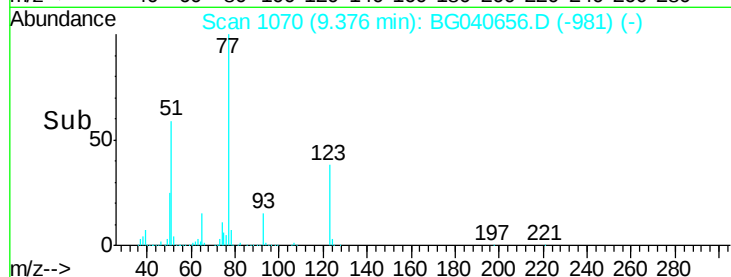
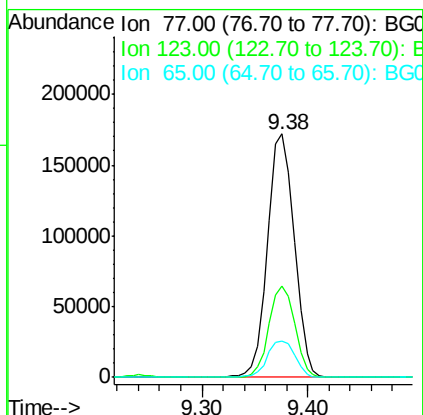
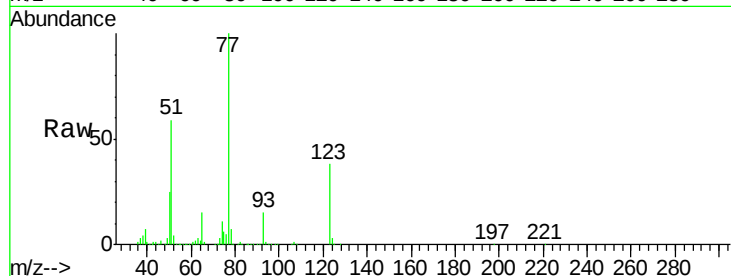




#24
Nitrobenzene
Concen: 44.083 ng
RT: 9.38 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

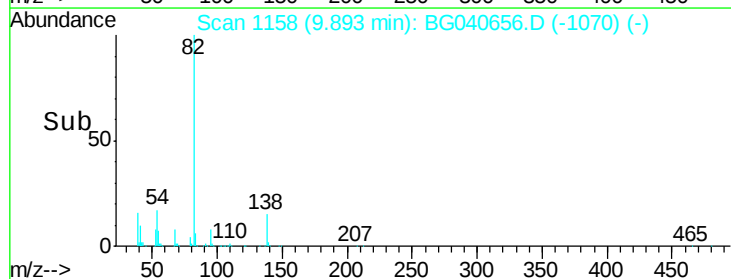
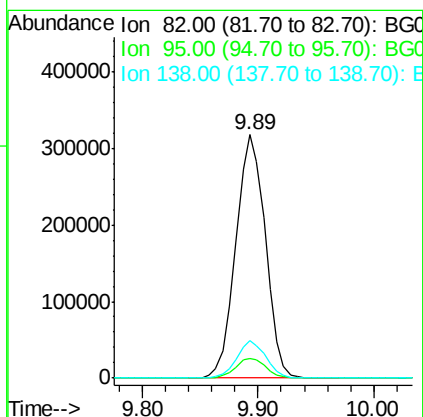
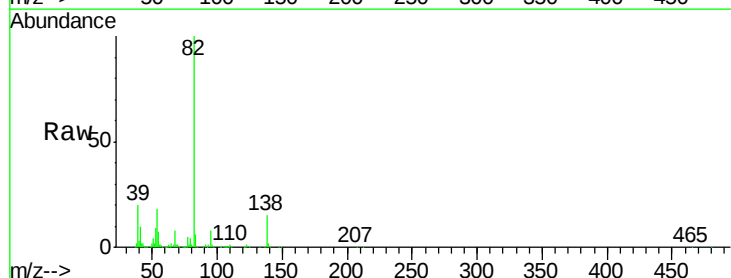
Instrument :
BNA_G
ClientSampleId :

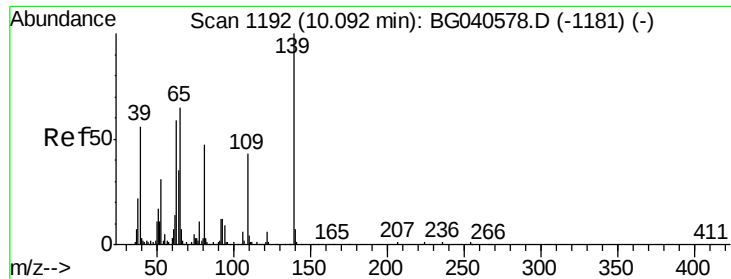
Tot Ion	Ratio	Lower	Upper
77	100		
123	37.7	27.8	41.6
65	15.0	12.4	18.6



#25
Isophorone
Concen: 39.257 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.9	10.3
138	15.2	12.3	18.5

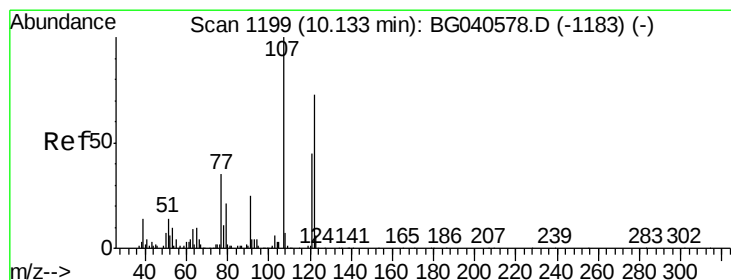
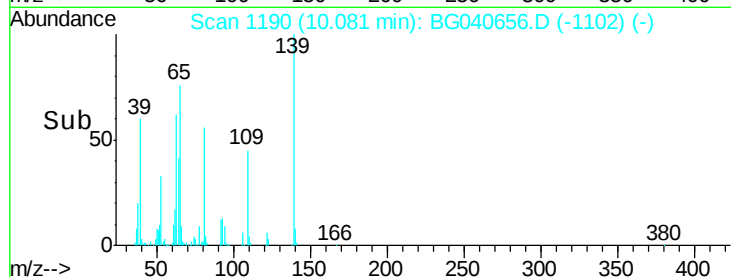
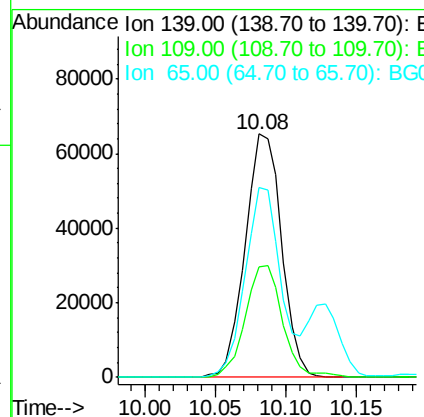
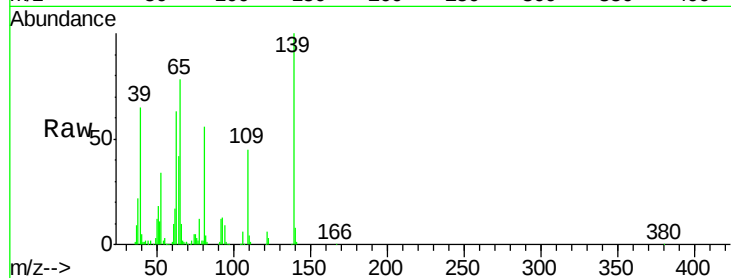




#26
2-Nitrophenol
Concen: 48.078 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

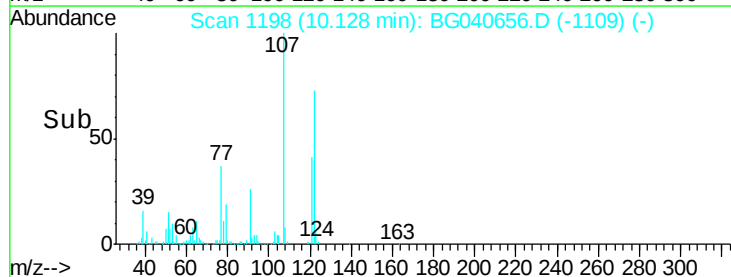
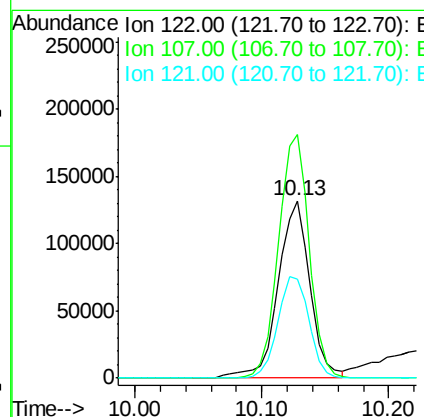
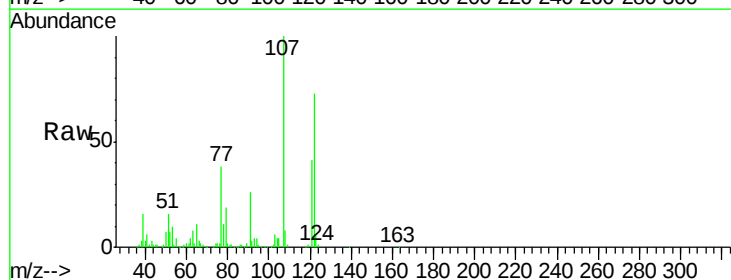
Instrument :
BNA_G
ClientSampleId :

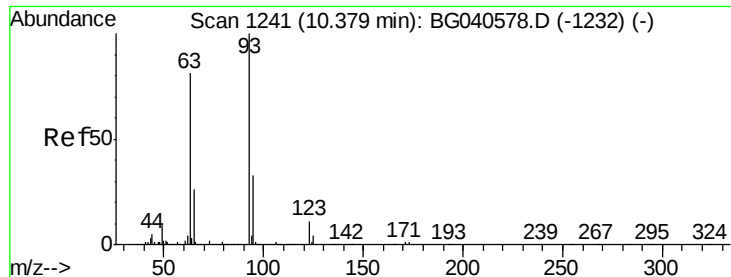
Tot Ion	Ratio	Lower	Upper
139	100		
109	45.3	35.6	53.4
65	77.9	52.3	78.5



#27
2,4-Dimethylphenol
Concen: 49.877 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
122	100		
107	137.3	110.1	165.1
121	55.9	49.4	74.0

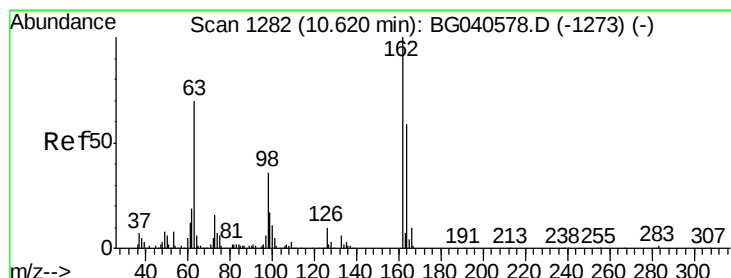
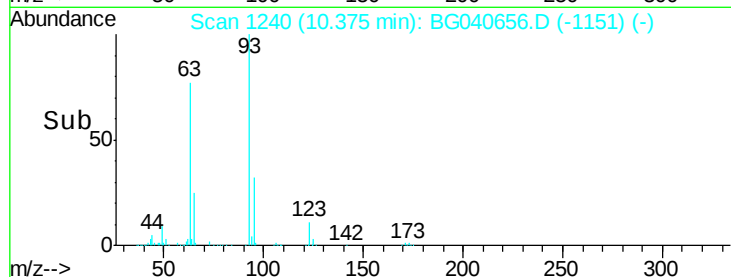
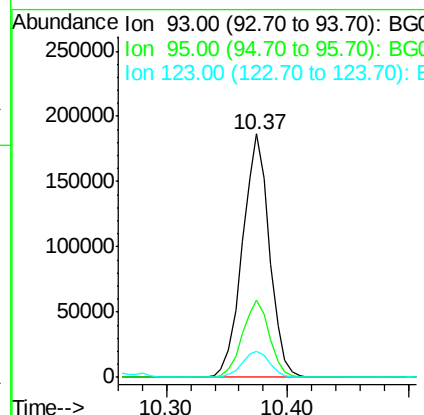
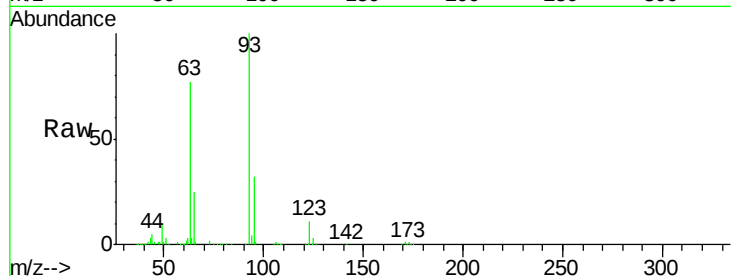




#28
 bis(2-Chloroethoxy)methane
 Concen: 40.406 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

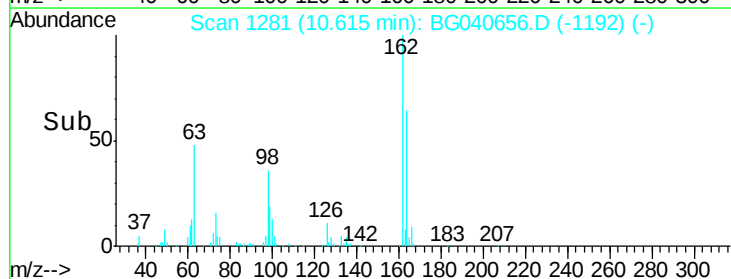
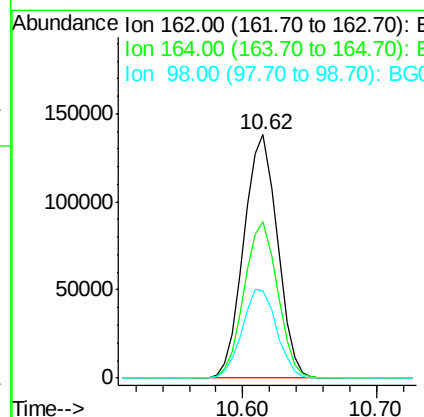
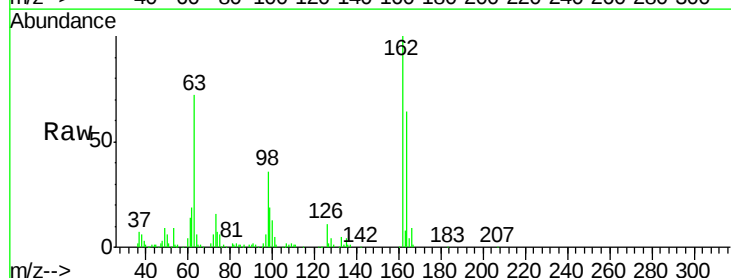
Instrument :
 BNA_G
 ClientSampled :

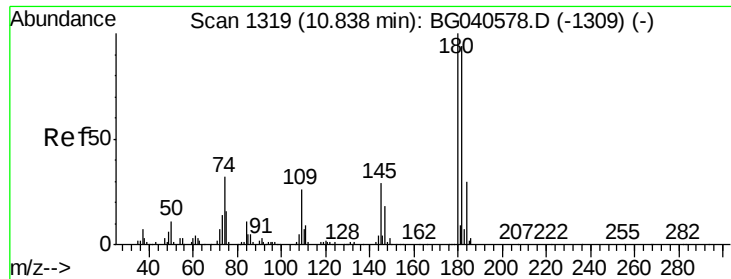
Tot Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.6	40.0
123	10.9	9.0	13.4



#29
 2,4-Dichlorophenol
 Concen: 45.966 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	38.9	78.9
98	36.1	16.8	56.8

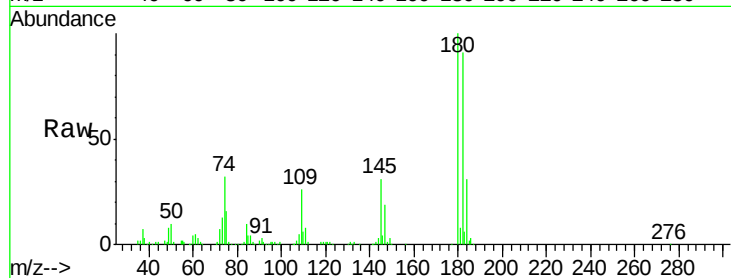




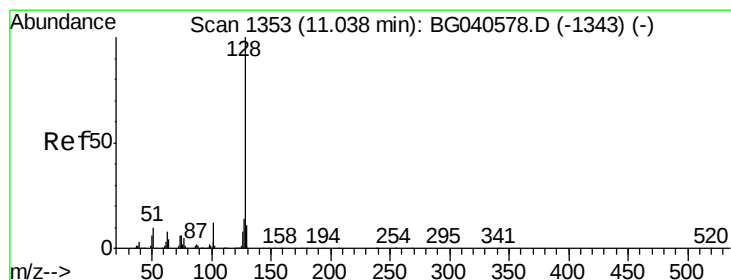
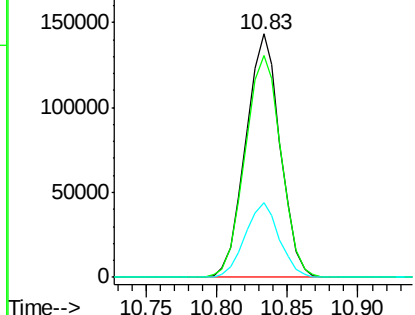
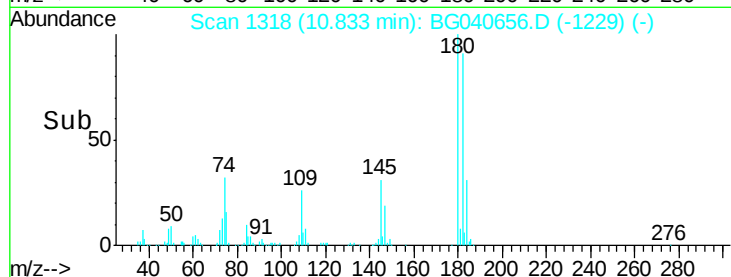
#30
 1,2,4-Trichlorobenzene
 Concen: 42.136 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	180	Resp	244939
Ion Ratio	Lower	Upper	
180	100		
182	90.9	75.2	112.8
145	30.7	23.6	35.4

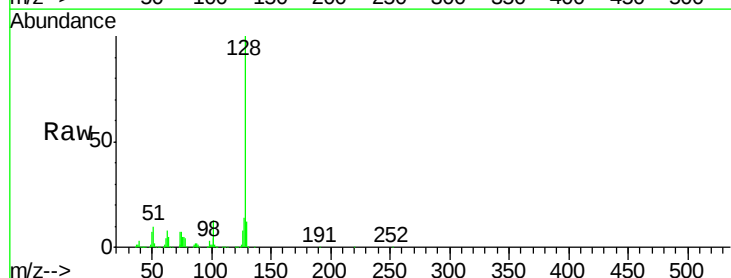


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

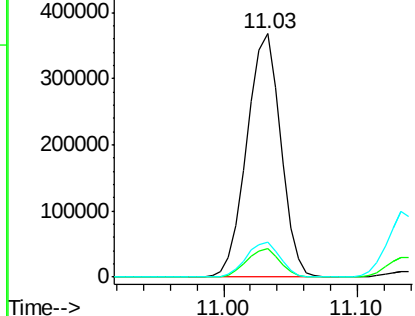
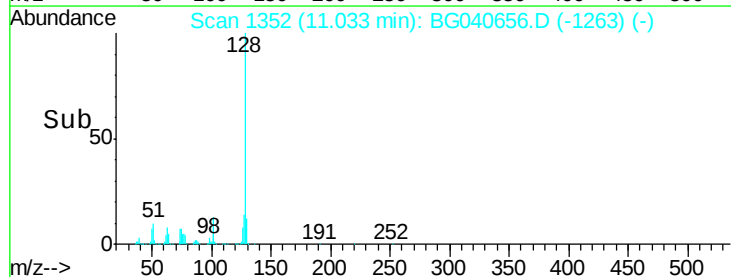


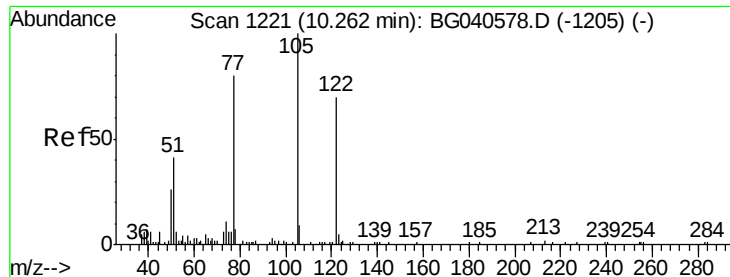
#31
 Naphthalene
 Concen: 40.781 ng
 RT: 11.03 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

Tgt Ion	128	Resp	643257
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.0	13.6
127	14.1	11.3	16.9



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





#32

Benzoic acid

Concen: 53.971 ng

RT: 10.27 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampleId :

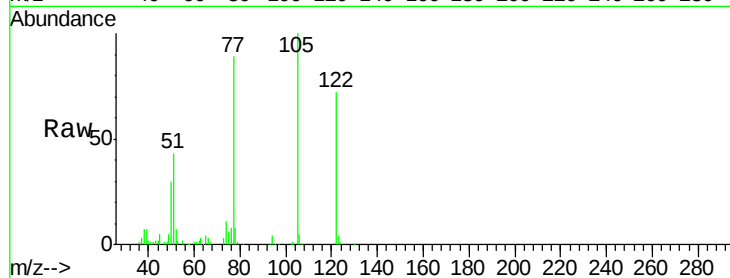
Tot Ion:122 Resp: 170359

Ion Ratio Lower Upper

122 100

105 139.1 110.9 150.9

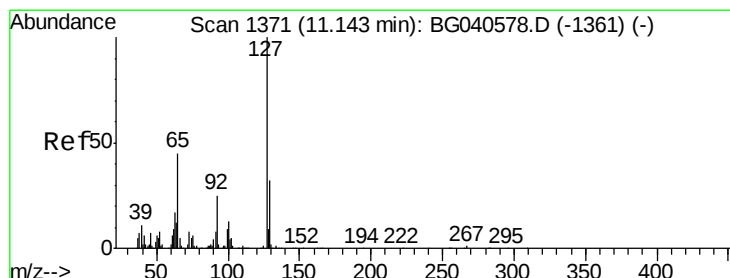
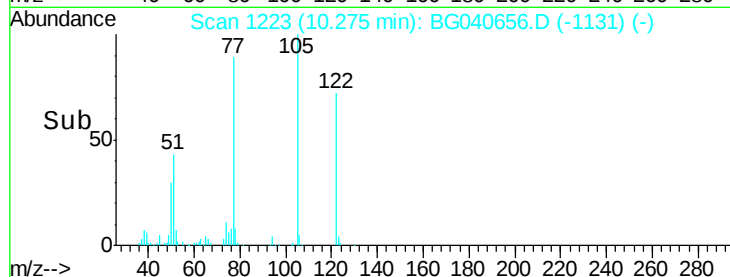
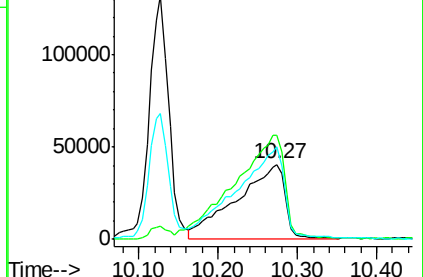
77 123.3 87.6 127.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 25.158 ng

RT: 11.13 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Tgt Ion:127 Resp: 175943

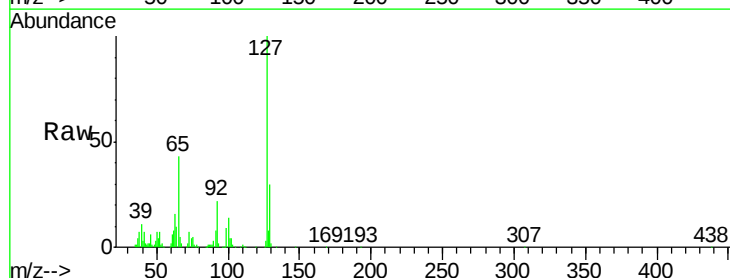
Ion Ratio Lower Upper

127 100

129 30.0 25.7 38.5

65 42.7 36.1 54.1

92 22.2 20.1 30.1

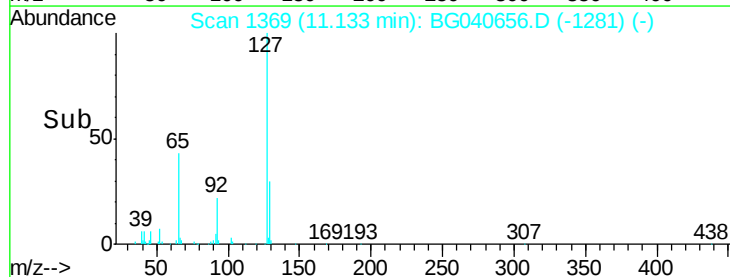
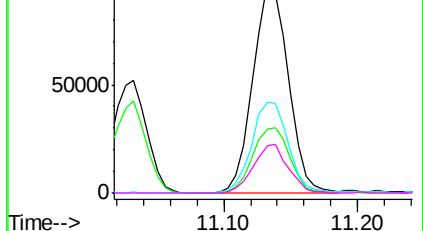


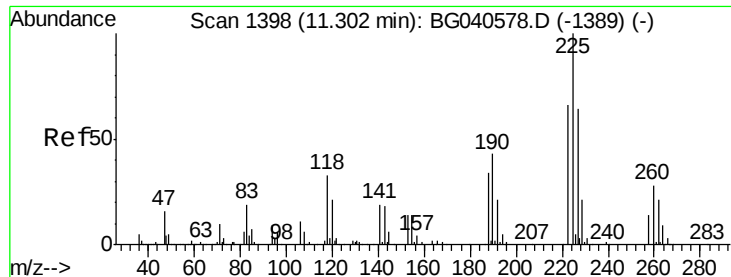
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

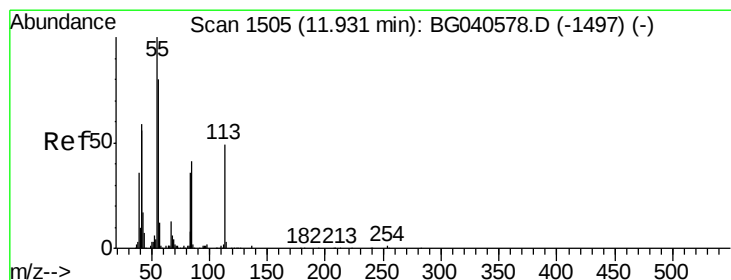
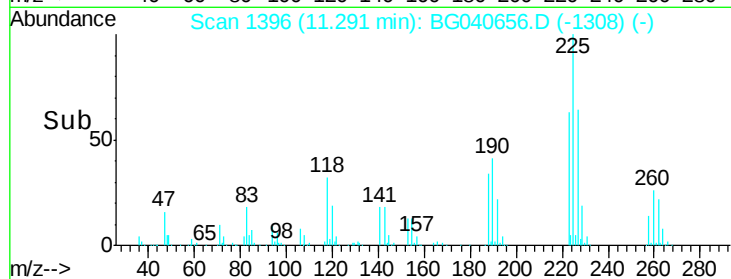
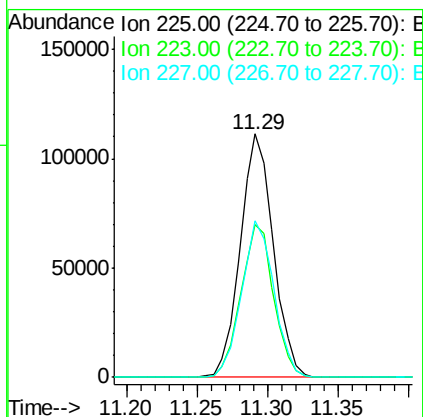
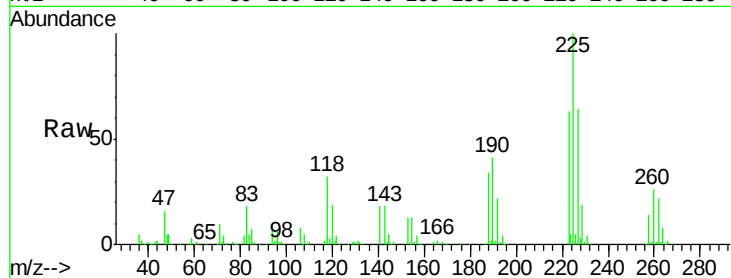




#34
Hexachlorobutadiene
Concen: 42.341 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

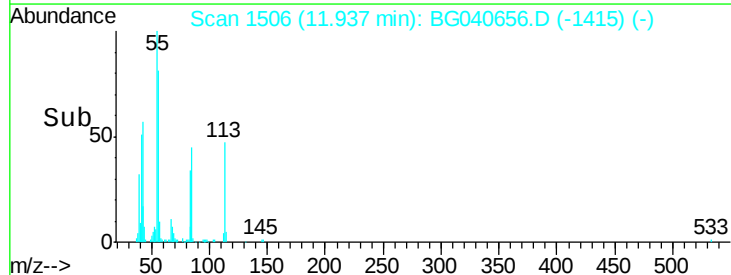
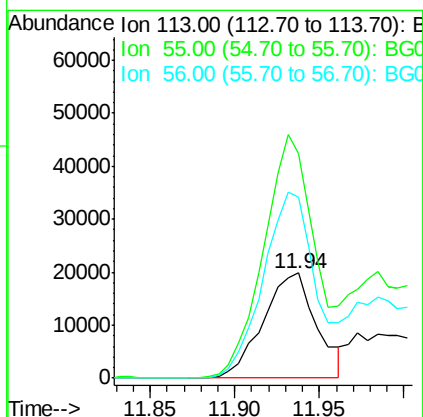
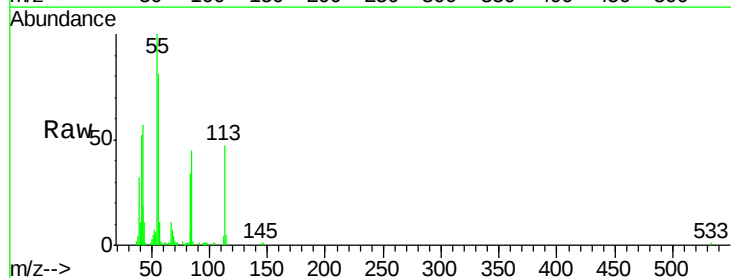
Instrument :
BNA_G
ClientSampled :

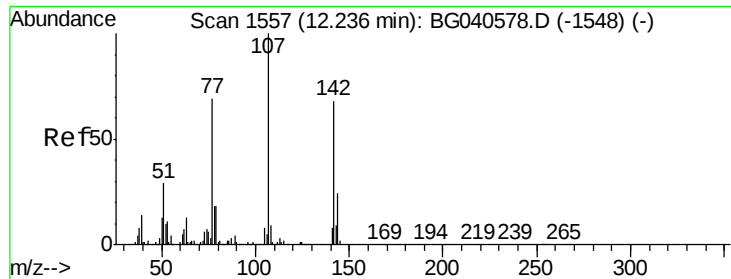
Tot Ion:225 Resp: 181711
Ion Ratio Lower Upper
225 100
223 62.8 50.4 75.6
227 64.2 51.0 76.6



#35
Caprolactam
Concen: 20.928 ng
RT: 11.94 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion:113 Resp: 43312
Ion Ratio Lower Upper
113 100
55 213.8 198.6 238.6
56 172.5 148.4 188.4

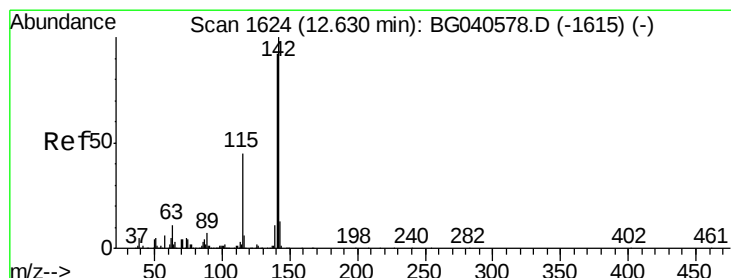
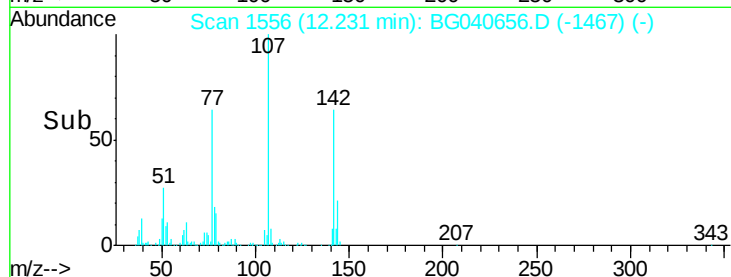
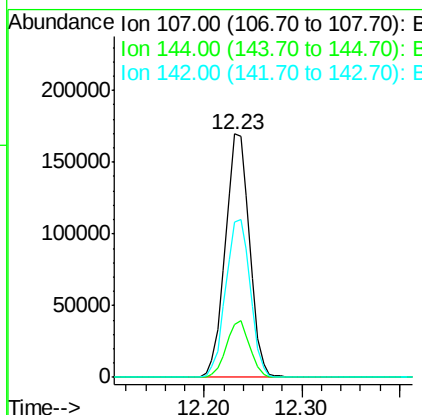
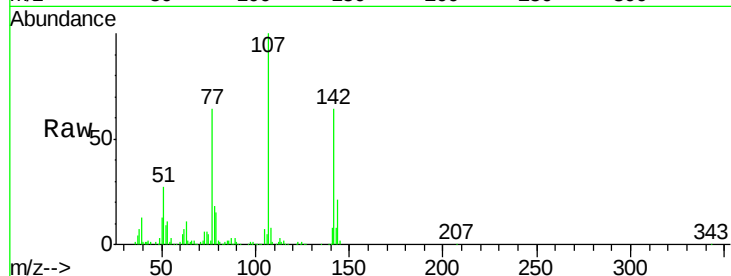




#36
 4-Chloro-3-methylphenol
 Concen: 44.189 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

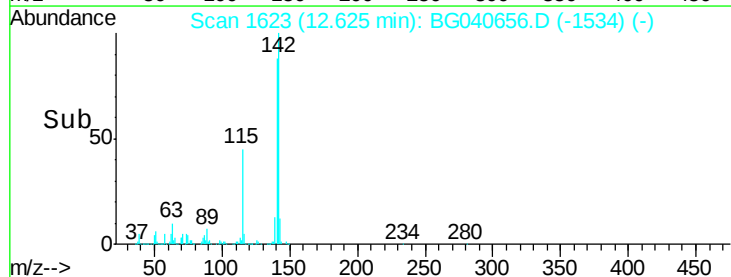
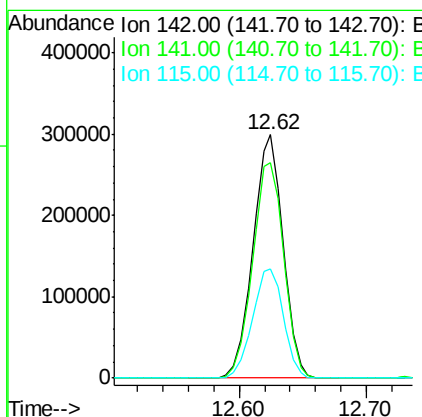
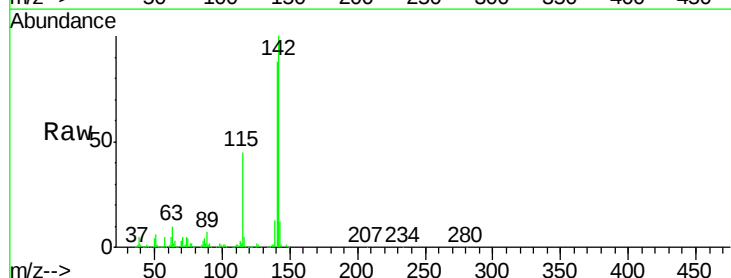
Instrument :
 BNA_G
 ClientSampleId :

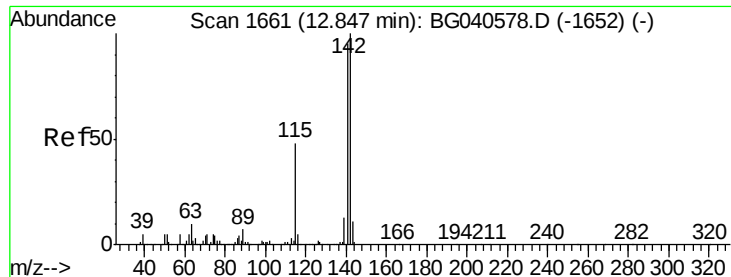
Tot Ion	Ratio	Lower	Upper
107	100		
144	21.5	19.3	28.9
142	63.9	54.6	81.8



#37
 2-Methylnaphthalene
 Concen: 41.814 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	73.4	110.2
115	45.1	36.2	54.4

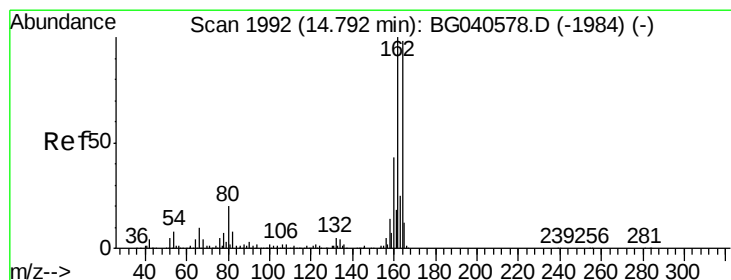
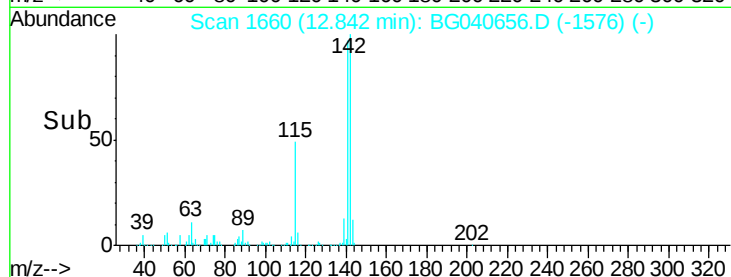
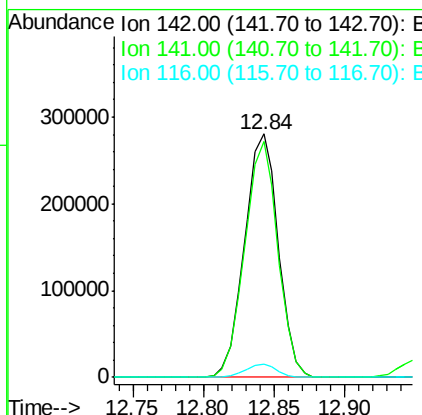
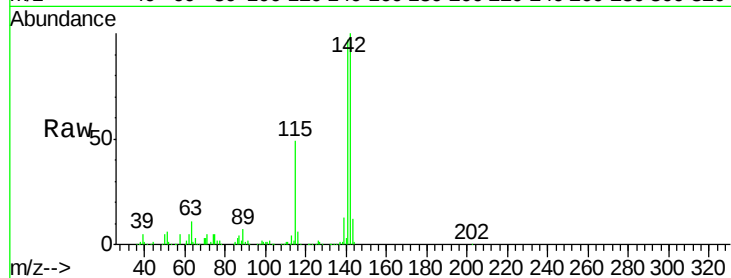




#38
1-Methylnaphthalene
Concen: 40.674 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

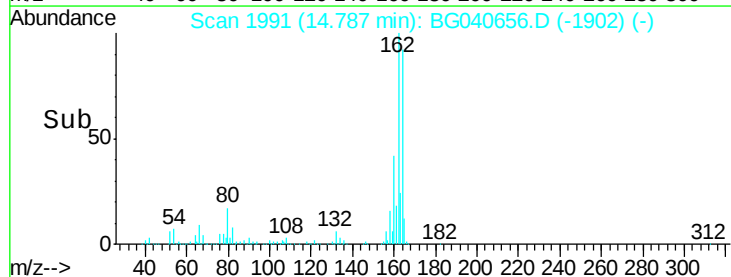
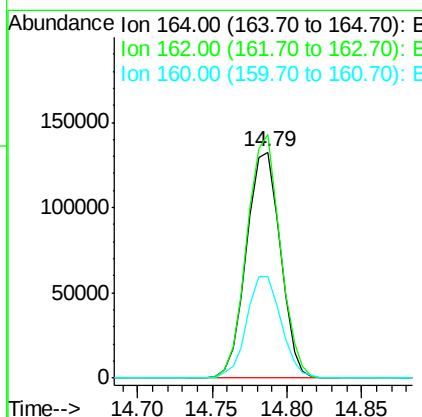
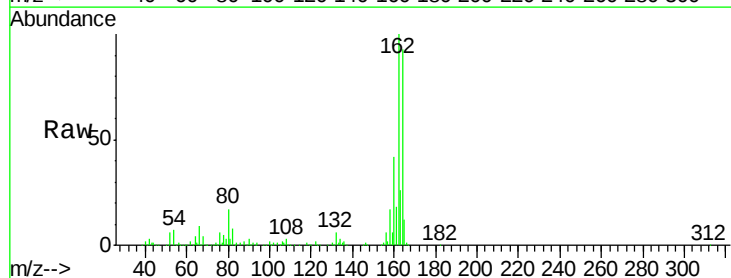
Instrument :
BNA_G
ClientSampleId :

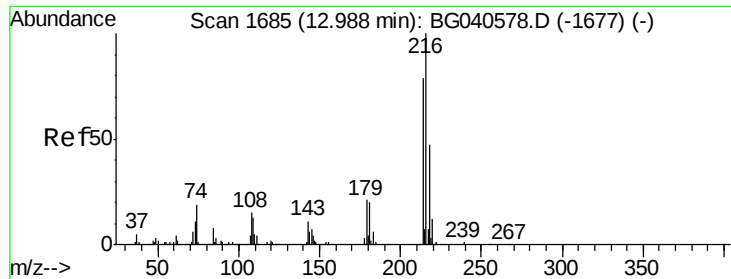
Tot Ion	Ratio	Lower	Upper
142	100		
141	96.9	75.9	113.9
116	5.7	4.2	6.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	81.9	122.9
160	45.1	35.4	53.2

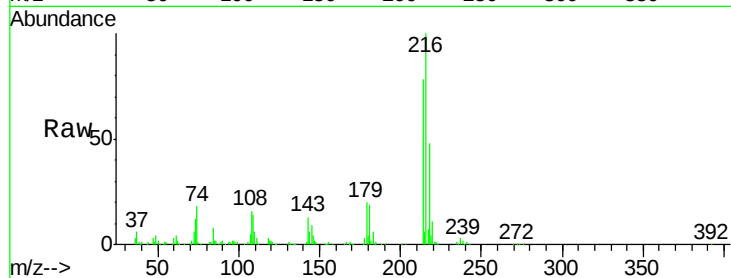




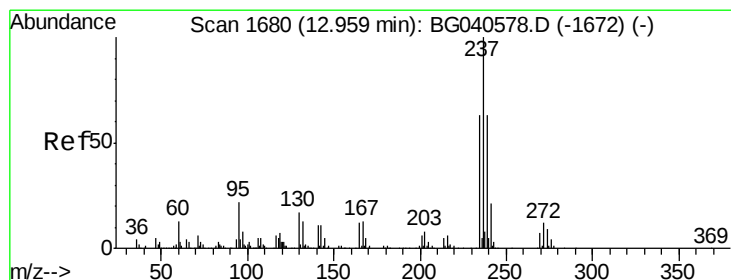
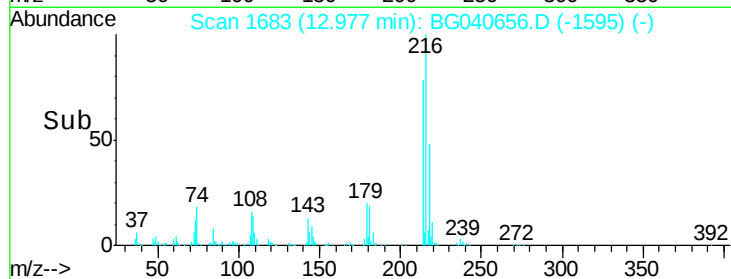
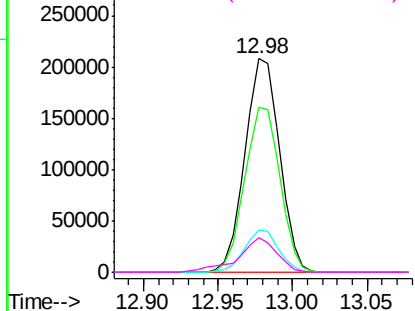
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.956 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:216	Resp:	333667
Ion Ratio	Lower	Upper
216	100	
214	78.6	63.7 95.5
179	19.8	16.6 24.8
108	17.9	14.7 22.1

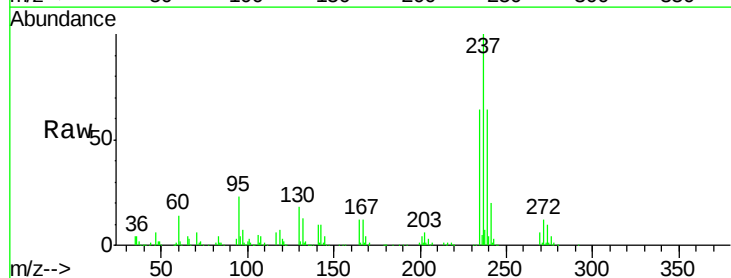


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

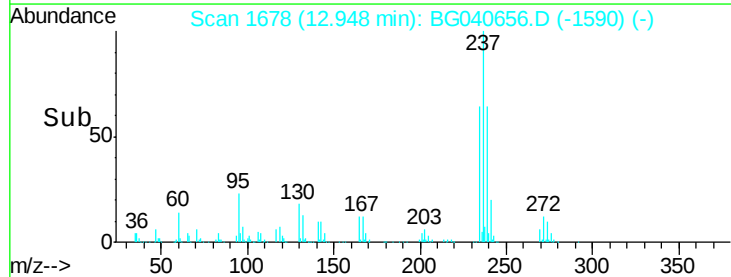
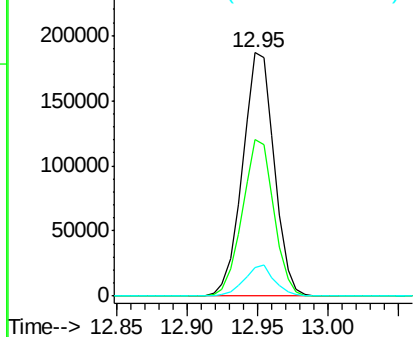


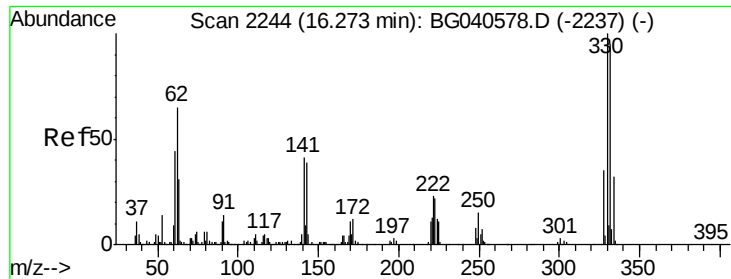
#41
 Hexachlorocyclopentadiene
 Concen: 63.699 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

Tgt Ion:237	Resp:	291968
Ion Ratio	Lower	Upper
237	100	
235	64.4	42.5 82.5
272	11.6	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

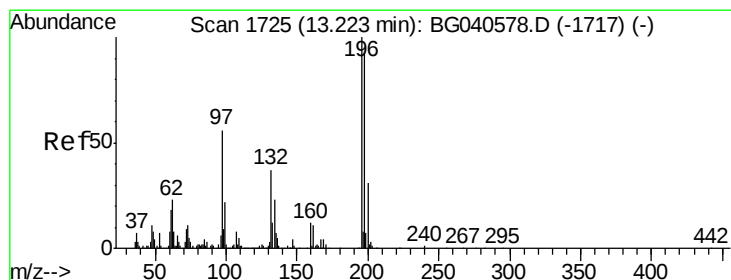
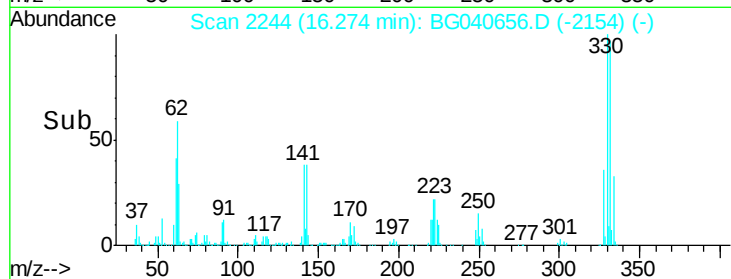
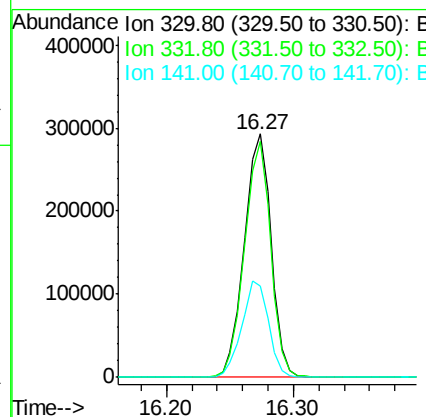
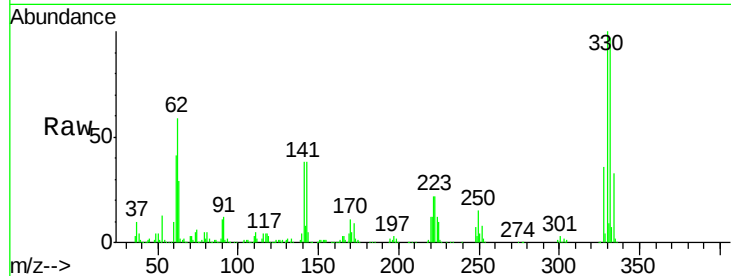




#42
 2,4,6-Tribromophenol
 Concen: 149.925 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

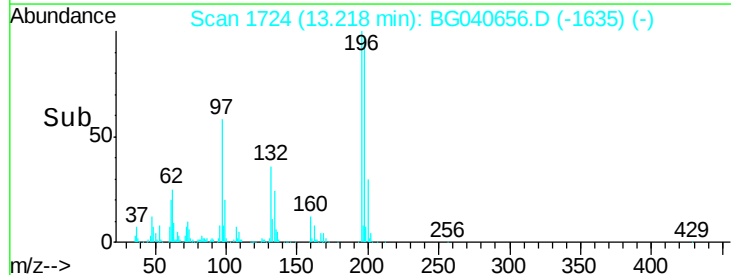
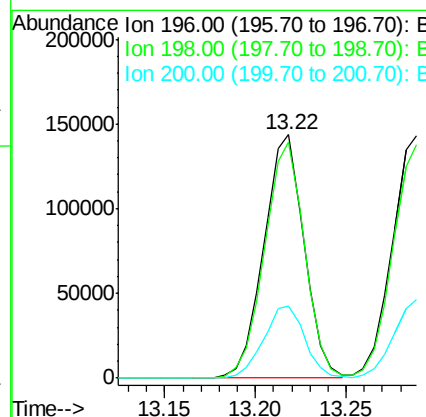
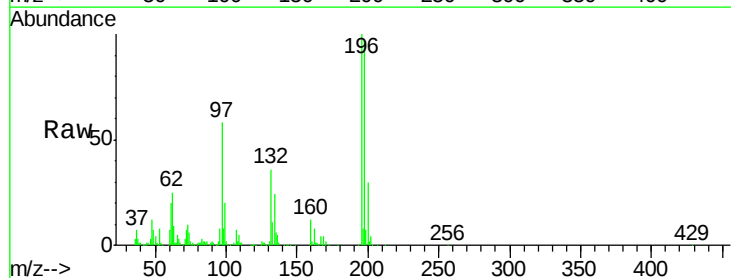
Instrument :
 BNA_G
 ClientSampleId :

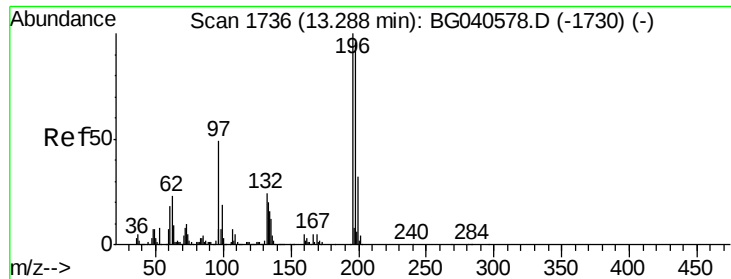
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.9	113.9
141	39.7	32.4	48.6



#43
 2,4,6-Trichlorophenol
 Concen: 47.090 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.8	112.2
200	29.5	24.9	37.3

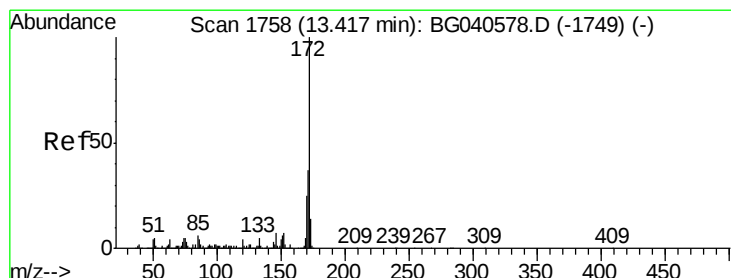
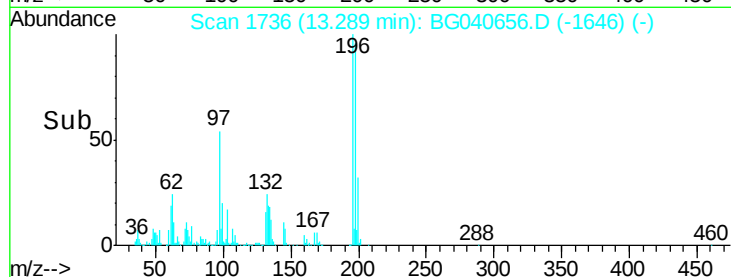
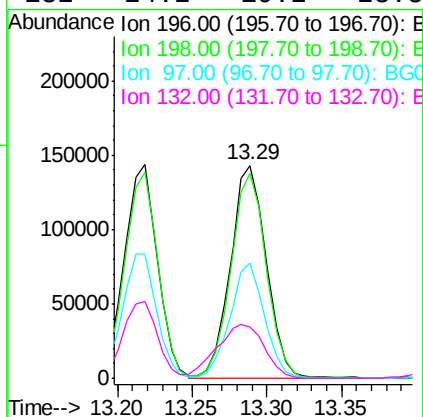
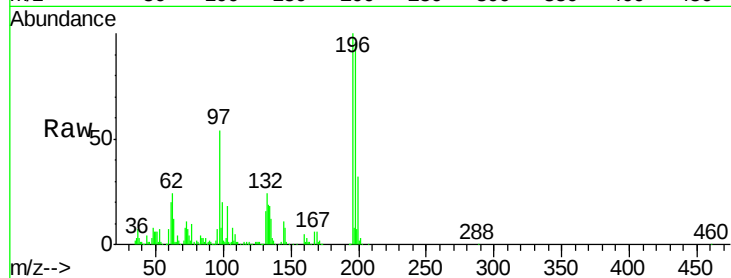




#44
 2,4,5-Trichlorophenol
 Concen: 46.506 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

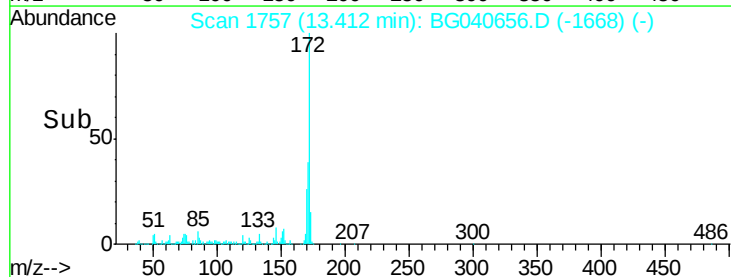
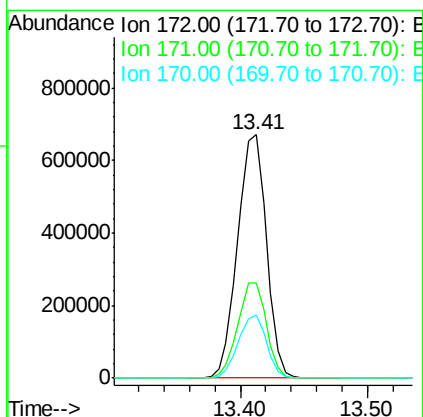
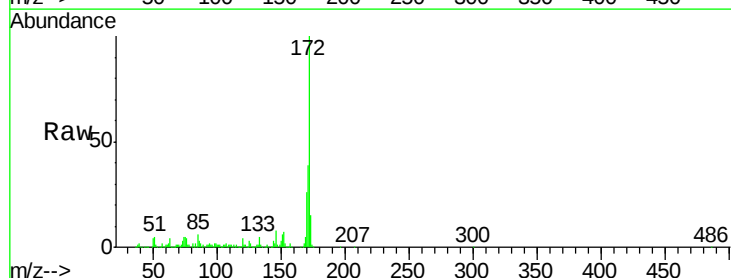
Instrument :
 BNA_G
 ClientSampleId :

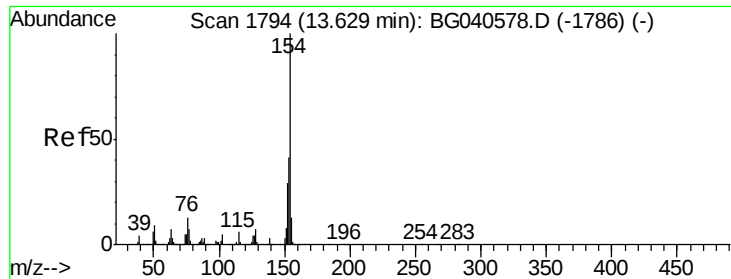
Tot Ion:196	Resp:	237807
Ion	Ratio	Lower Upper
196	100	
198	96.3	77.0 115.6
97	54.4	40.0 60.0
132	24.2	19.2 28.8



#45
 2-Fluorobiphenyl
 Concen: 73.261 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

Tgt Ion:172	Resp:	1057733
Ion	Ratio	Lower Upper
172	100	
171	39.3	29.4 44.2
170	26.0	19.9 29.9





#46

1,1'-Biphenyl

Concen: 40.965 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampleId :

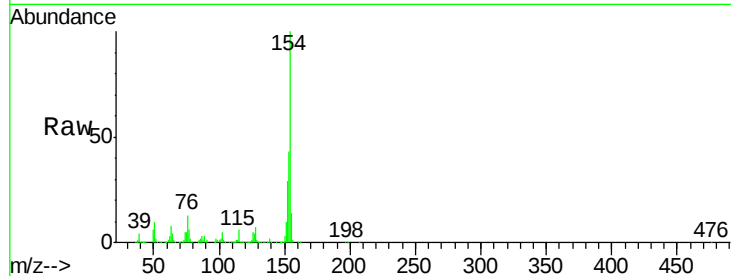
Tot Ion:154 Resp: 663192

Ion Ratio Lower Upper

154 100

153 43.0 20.5 60.5

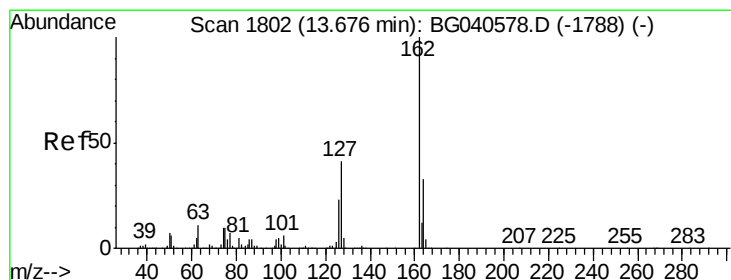
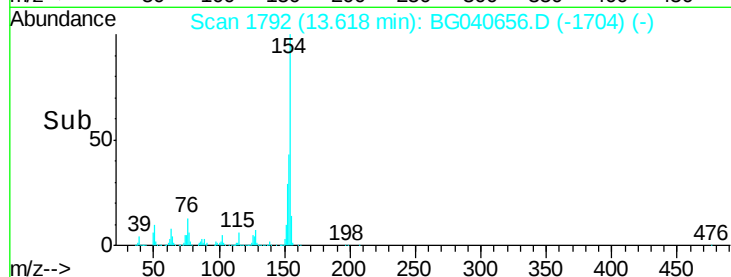
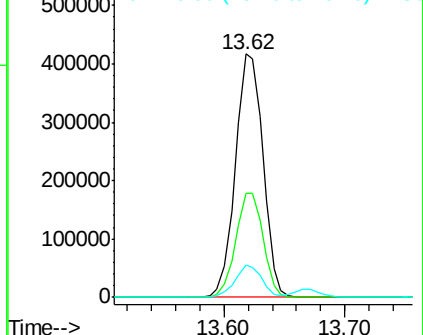
76 13.2 0.0 32.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#47

2-Chloronaphthalene

Concen: 41.850 ng

RT: 13.67 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

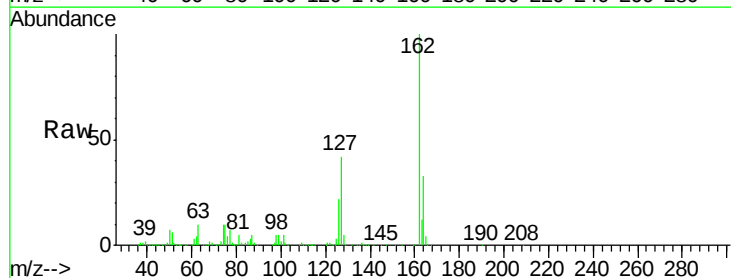
Tgt Ion:162 Resp: 530220

Ion Ratio Lower Upper

162 100

127 41.6 33.0 49.4

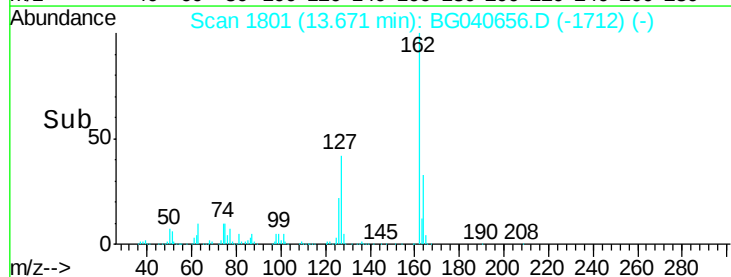
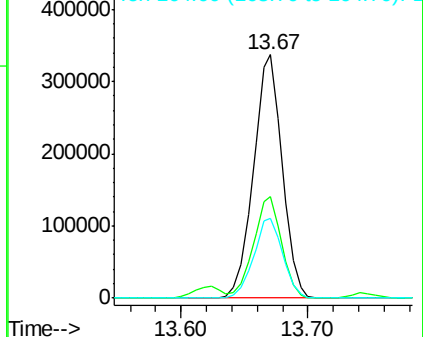
164 32.9 26.8 40.2

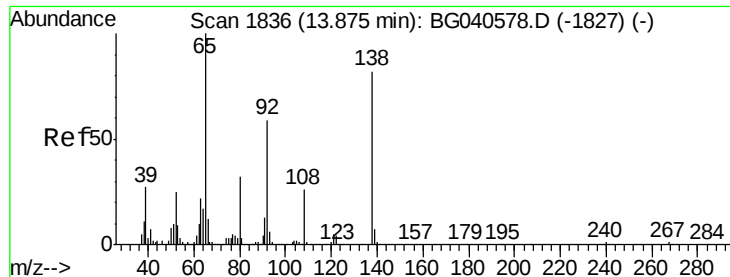


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 51.319 ng

RT: 13.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampleId :

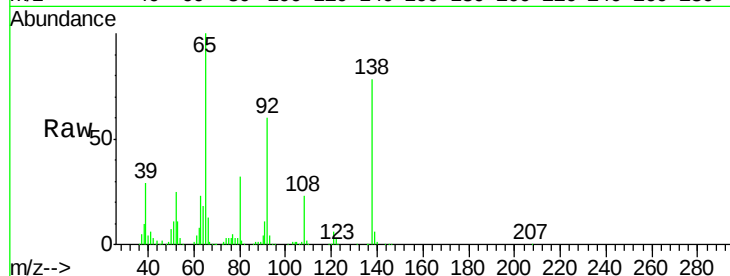
Tot Ion: 65 Resp: 231439

Ion Ratio Lower Upper

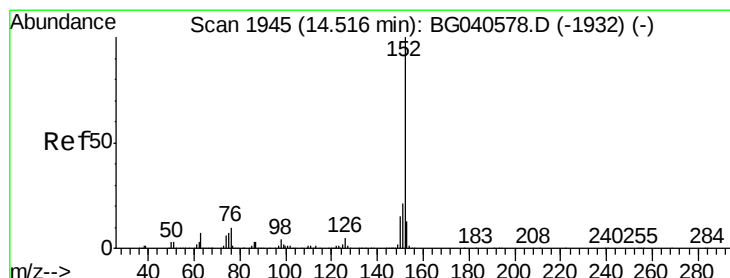
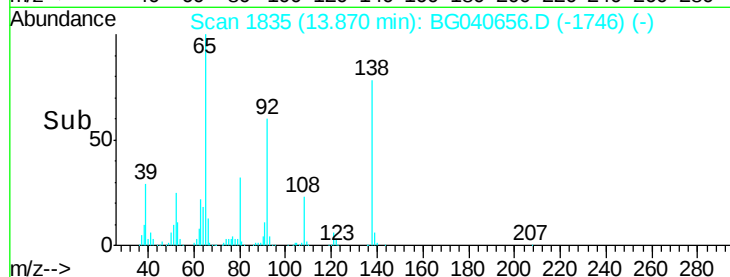
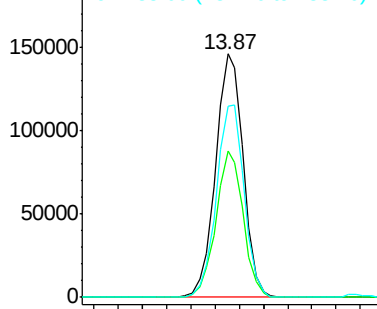
65 100

92 59.9 47.4 71.0

138 78.3 66.1 99.1



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



#49

Acenaphthylene

Concen: 39.140 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

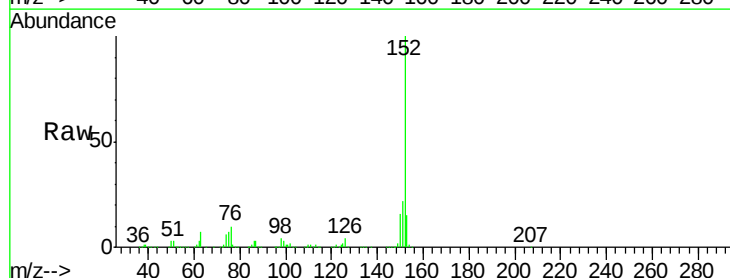
Tgt Ion: 152 Resp: 841329

Ion Ratio Lower Upper

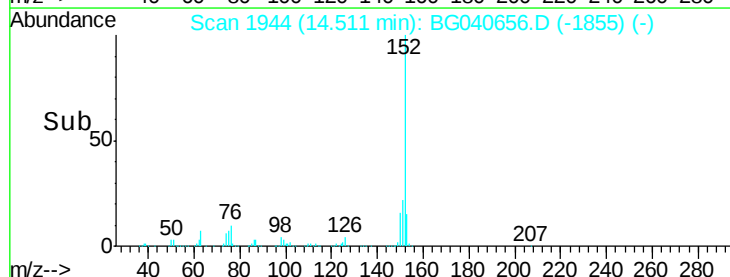
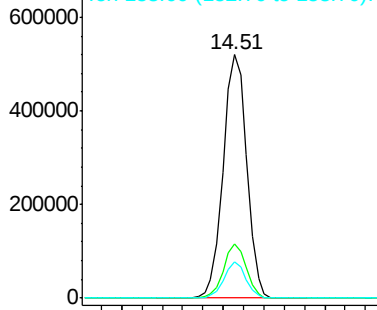
152 100

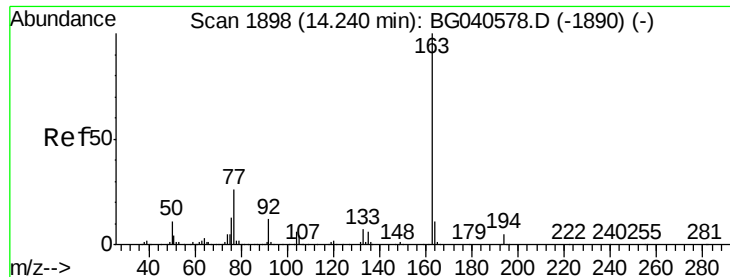
151 22.0 17.2 25.8

153 15.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#50

Dimethylphthalate

Concen: 41.816 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampleId :

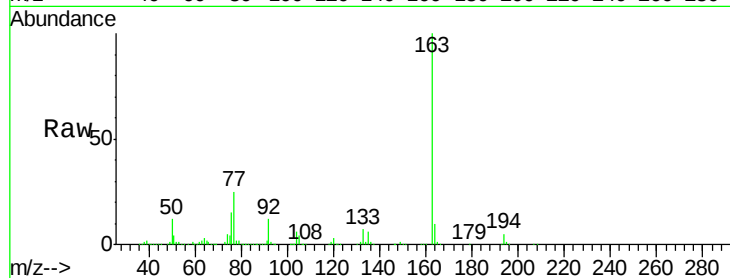
Tot Ion:163 Resp: 729521

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

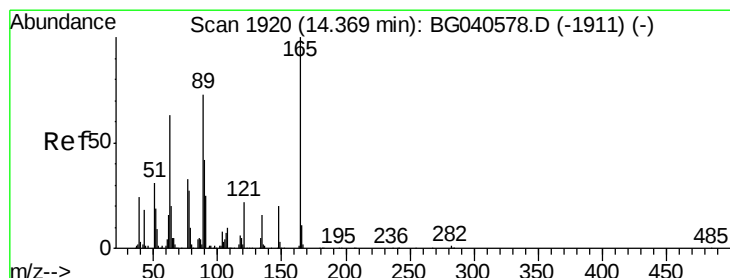
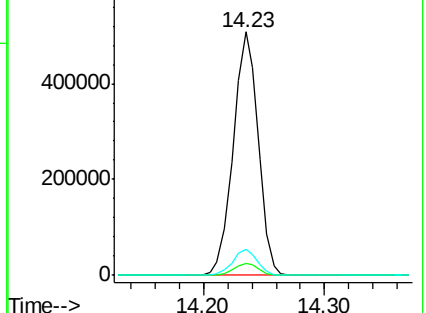
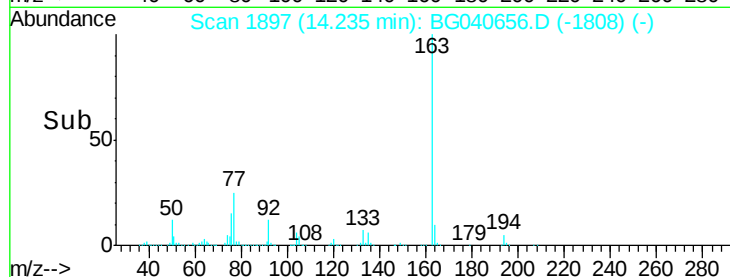
164 10.5 8.8 13.2



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: 48.287 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

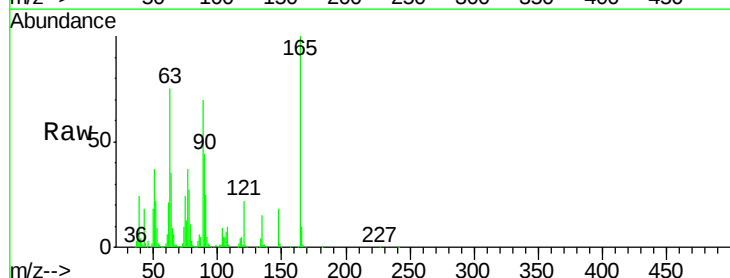
Tgt Ion:165 Resp: 164413

Ion Ratio Lower Upper

165 100

63 75.3 61.0 91.4

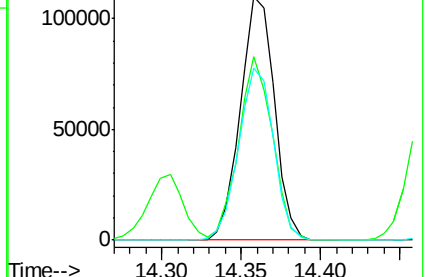
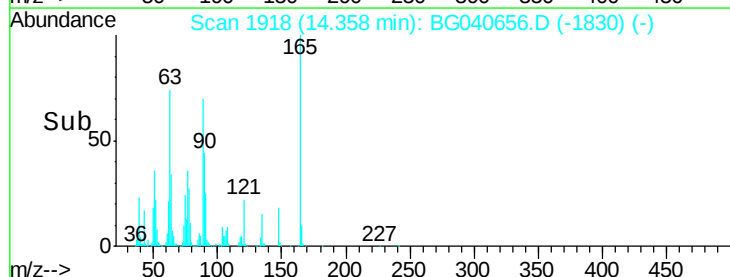
89 70.5 58.6 87.8

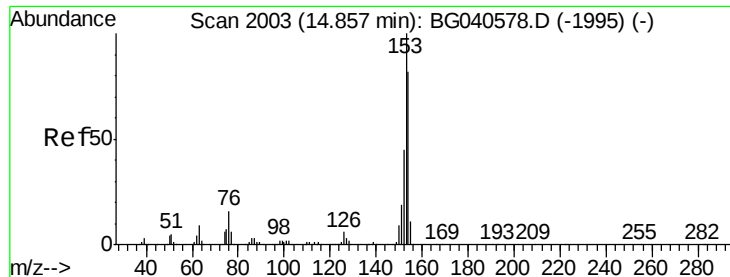


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 40.352 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampleId :

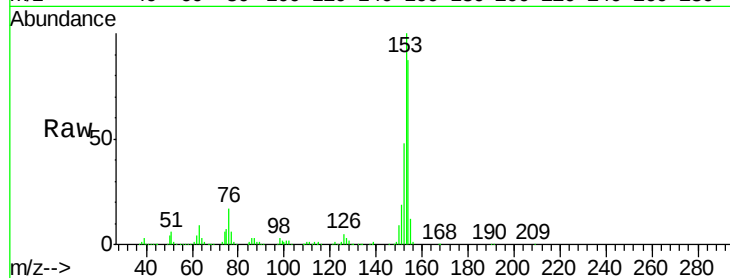
Tot Ion:154 Resp: 505123

Ion Ratio Lower Upper

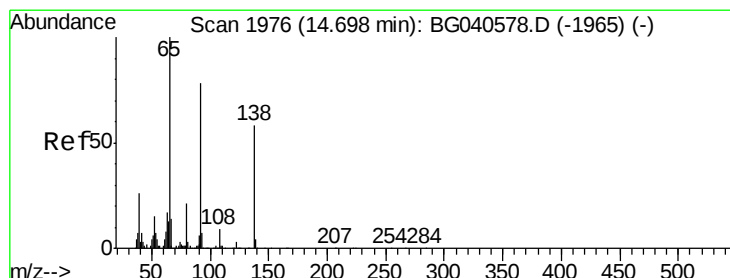
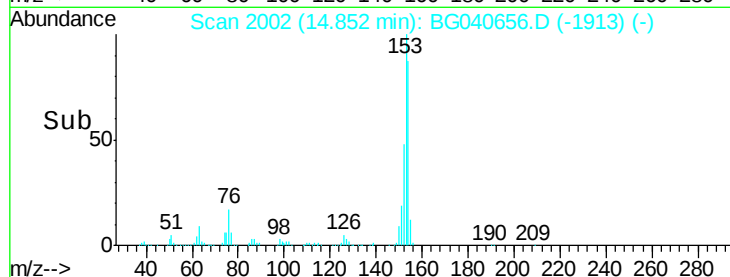
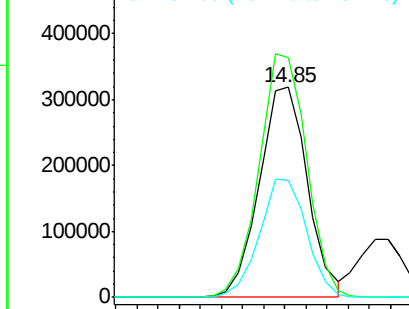
154 100

153 114.4 97.0 145.6

152 55.5 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: 39.776 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

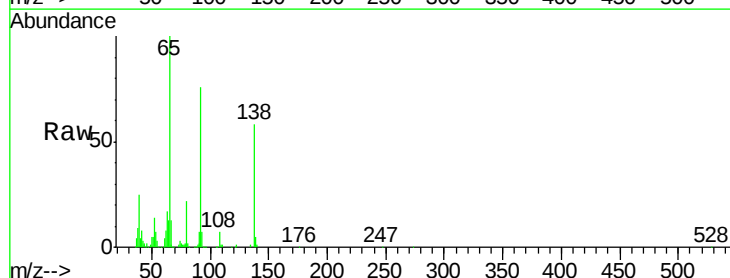
Tgt Ion:138 Resp: 138766

Ion Ratio Lower Upper

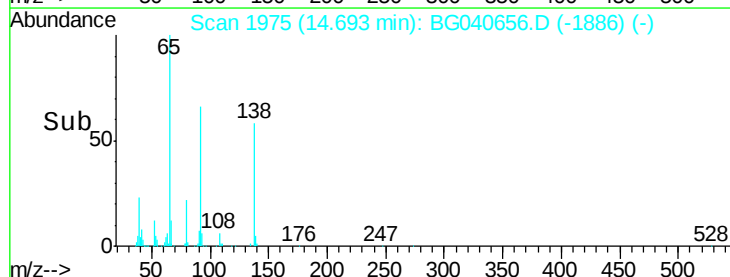
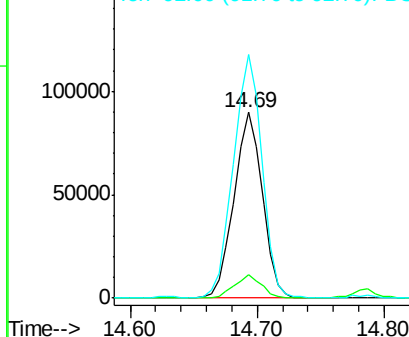
138 100

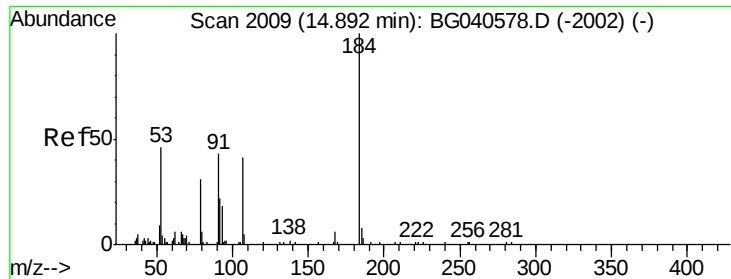
108 12.4 12.4 18.6#

92 131.0 108.6 162.8



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

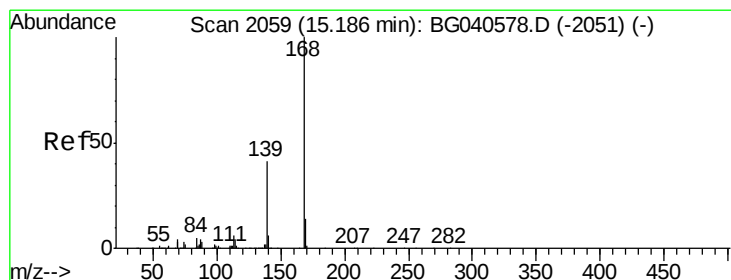
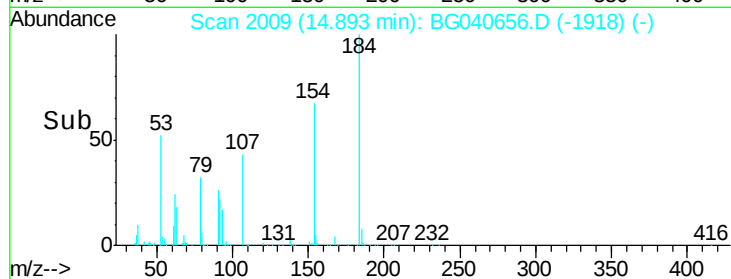
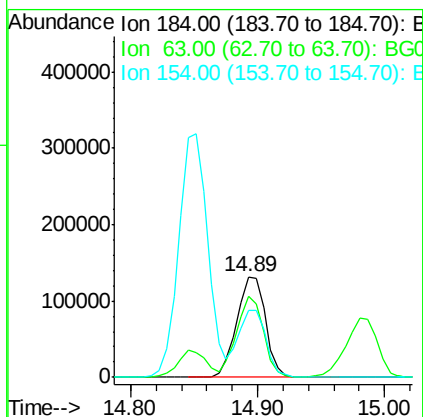
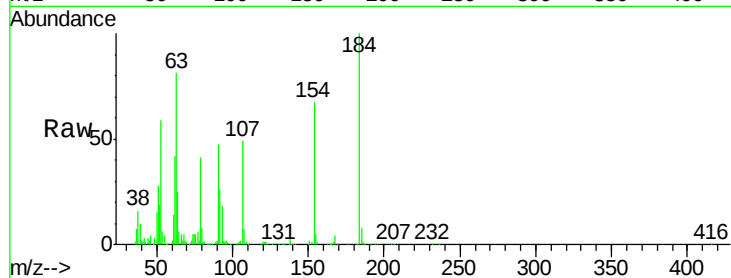




#54
2,4-Dinitrophenol
Concen: 105.083 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

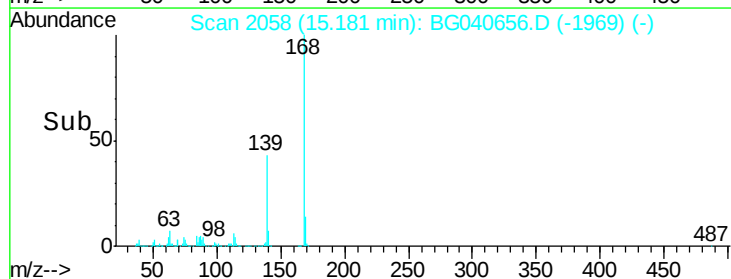
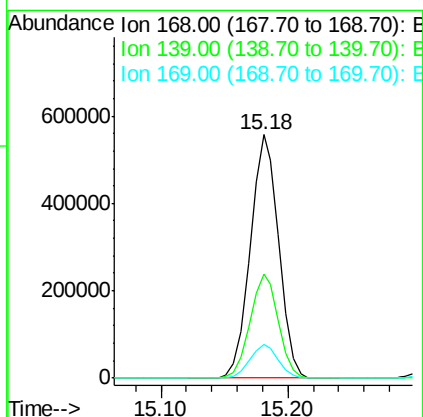
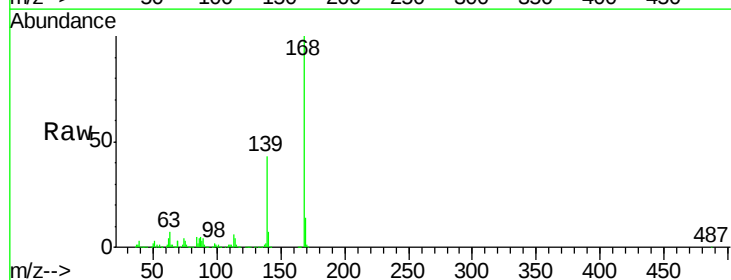
Instrument :
BNA_G
ClientSampleId :

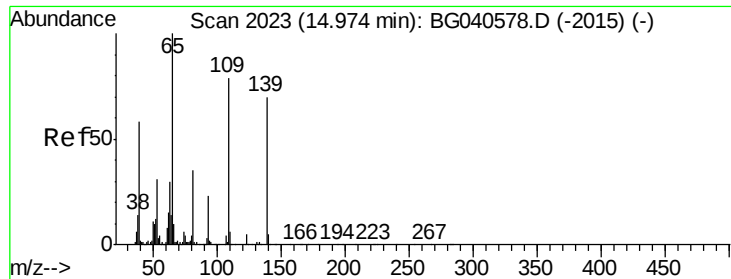
Tot Ion:184 Resp: 206424
Ion Ratio Lower Upper
184 100
63 81.1 51.8 77.6#
154 66.9 43.6 65.4#



#55
Dibenzofuran
Concen: 42.090 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion:168 Resp: 863002
Ion Ratio Lower Upper
168 100
139 42.9 33.0 49.4
169 14.0 11.0 16.4

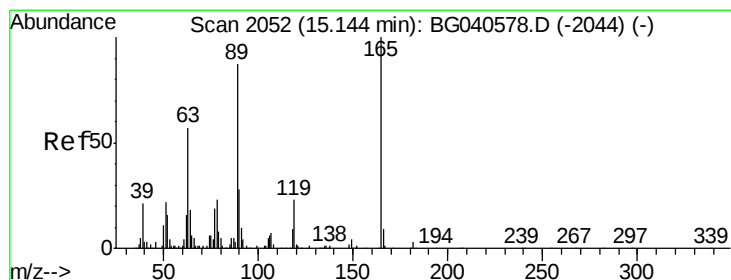
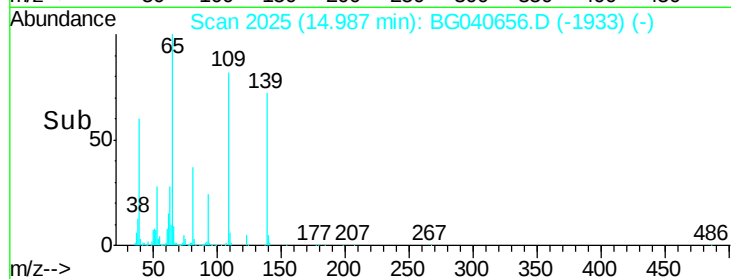
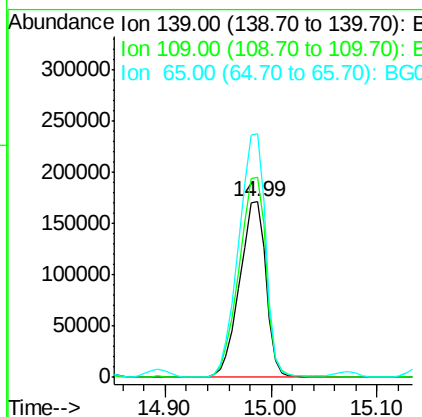
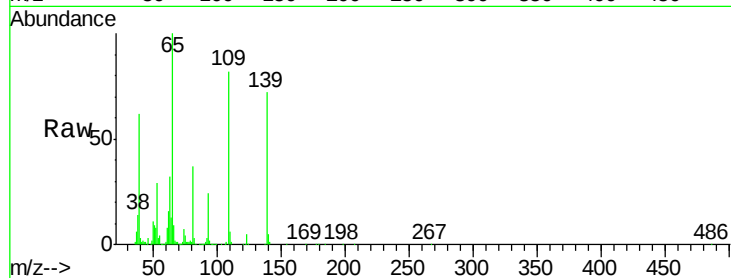




#56
4-Nitrophenol
Concen: 98.633 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

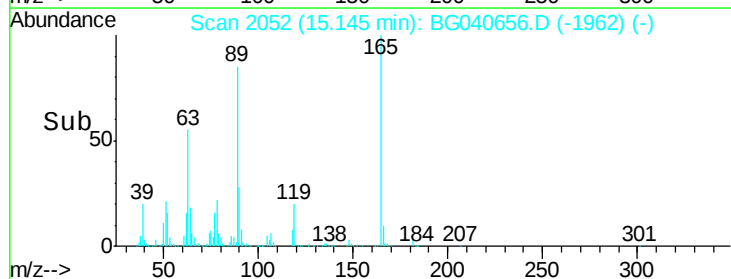
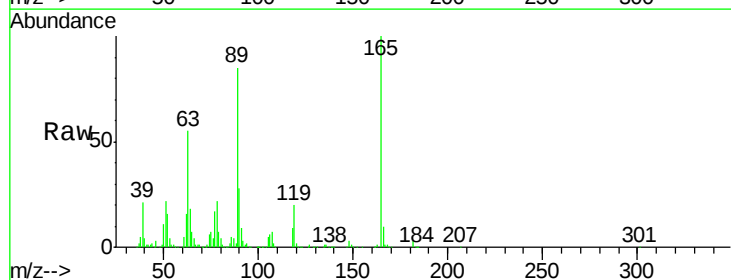
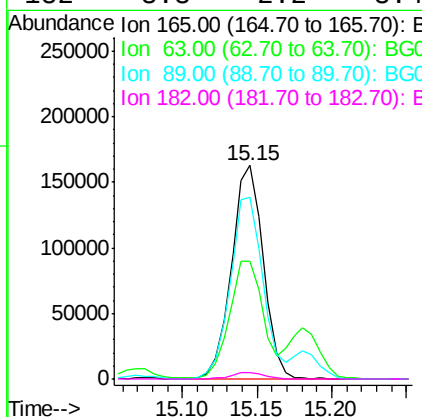
Instrument :
BNA_G
ClientSampleId :

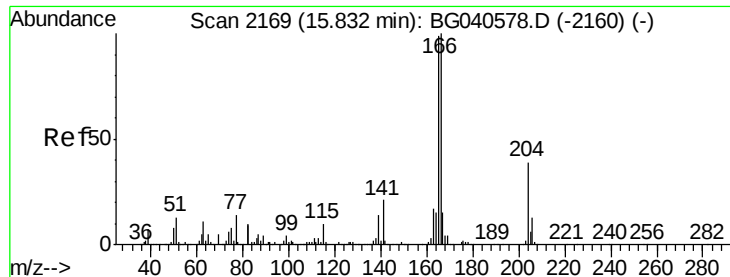
Tot Ion:139 Resp: 298374
Ion Ratio Lower Upper
139 100
109 113.8 93.8 133.8
65 138.7 122.7 162.7



#57
2,4-Dinitrotoluene
Concen: 52.076 ng
RT: 15.15 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion:165 Resp: 240940
Ion Ratio Lower Upper
165 100
63 54.9 45.8 68.8
89 85.3 69.4 104.2
182 3.3 2.2 3.4





#58

Fluorene

Concen: 42.094 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampleId :

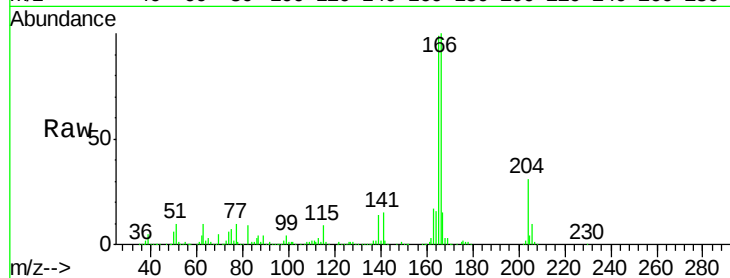
Tot Ion:166 Resp: 697587

Ion Ratio Lower Upper

166 100

165 99.3 79.6 119.4

167 15.0 12.2 18.2

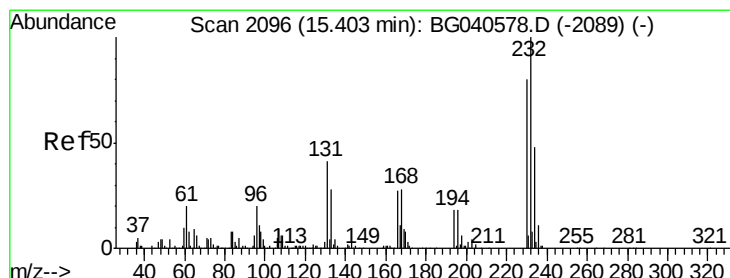
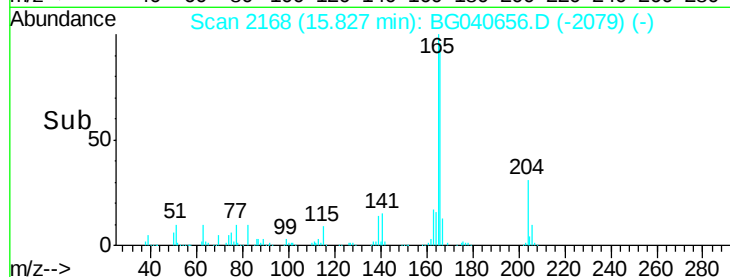
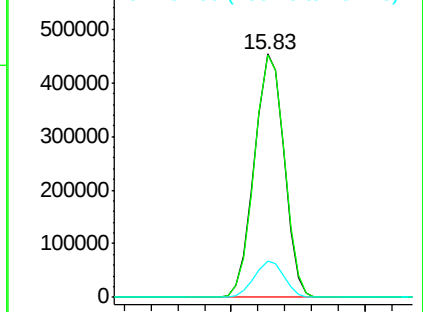


Abundance

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: 50.451 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Tgt Ion:232 Resp: 259660

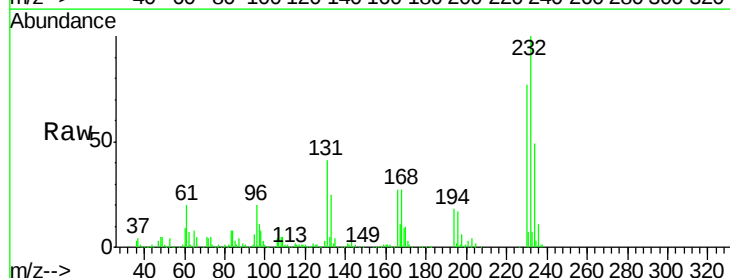
Ion Ratio Lower Upper

232 100

131 41.4 33.0 49.4

130 2.8 2.0 3.0

166 26.8 22.1 33.1



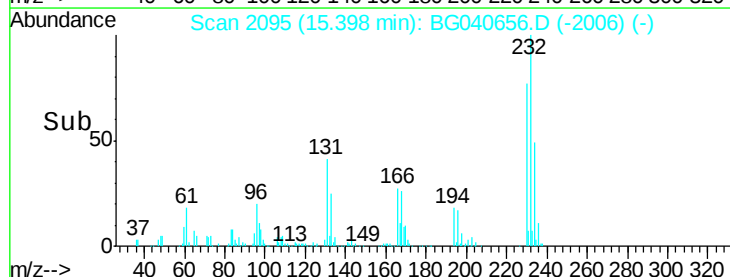
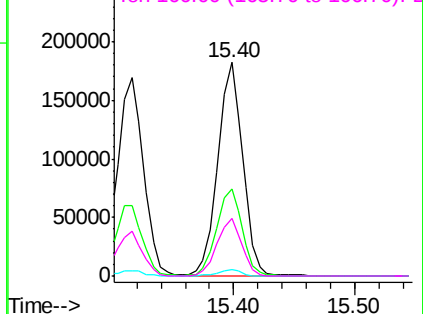
Abundance

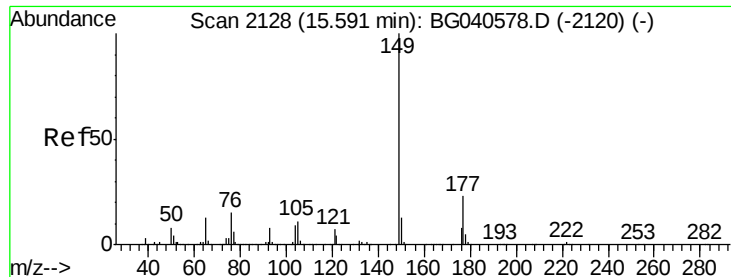
Ion 232.00 (231.70 to 232.70): E

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

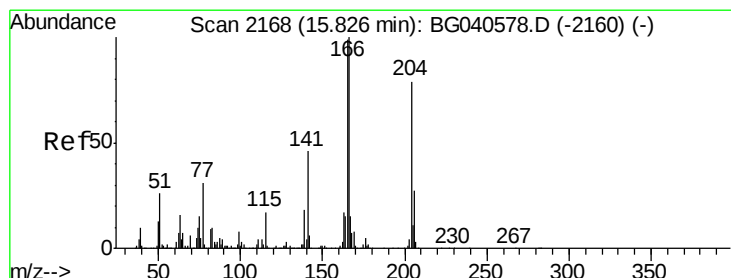
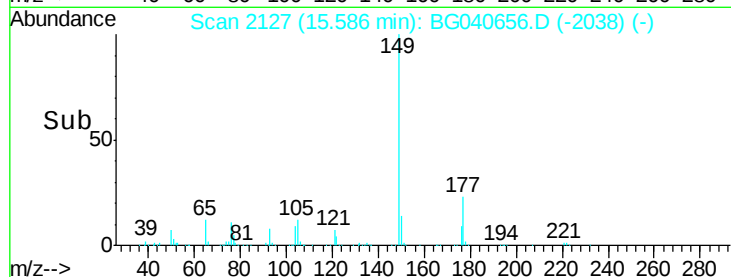
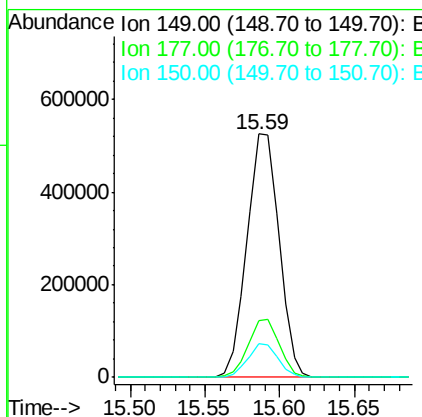
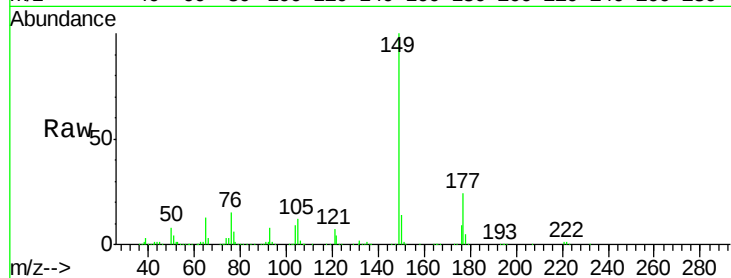




#60
Diethylphthalate
Concen: 42.441 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

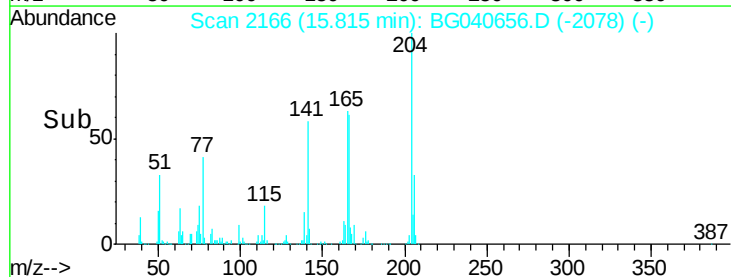
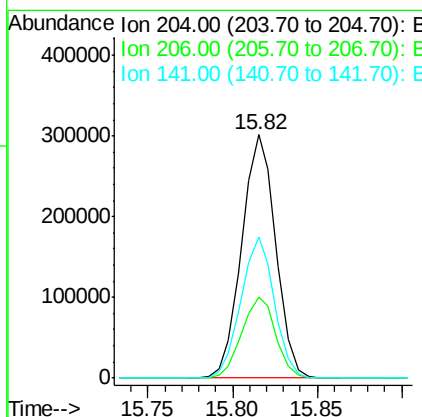
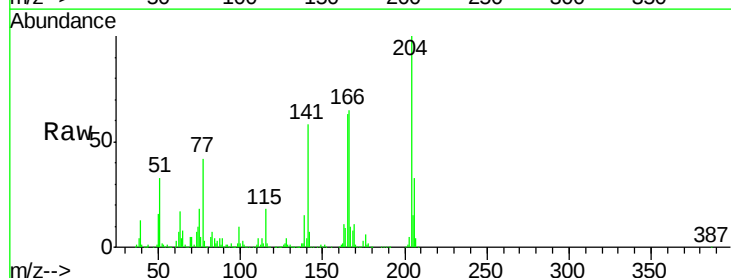
Instrument :
BNA_G
ClientSampleId :

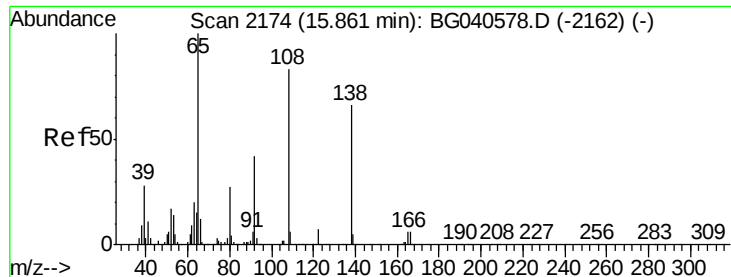
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.5	27.7
150	13.7	10.2	15.4



#61
4-Chlorophenyl-phenylether
Concen: 43.706 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.4	41.2
141	57.8	46.0	69.0

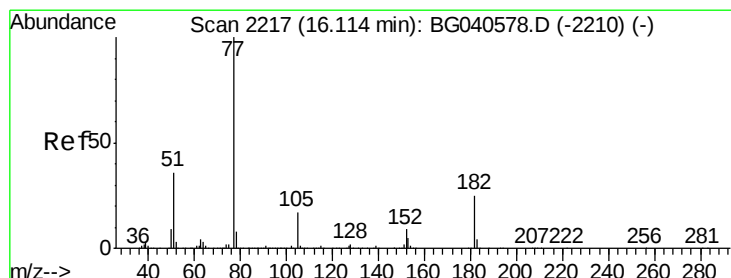
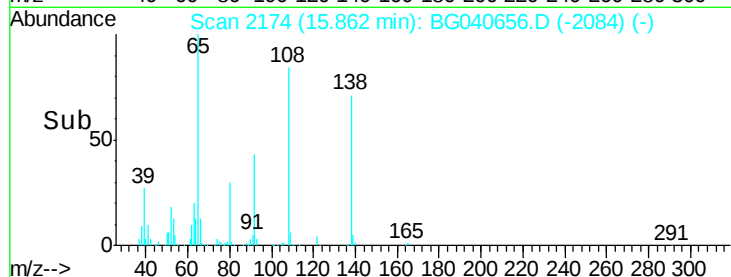
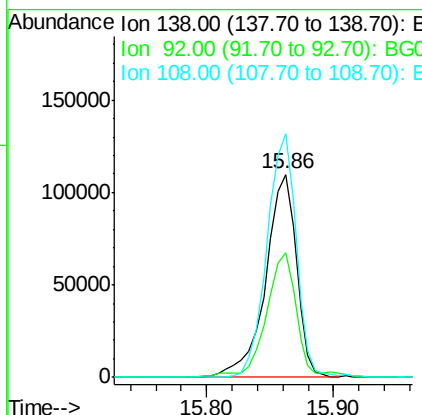
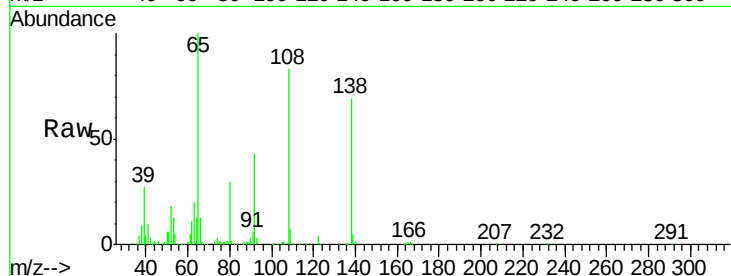




#62
4-Nitroaniline
Concen: 47.641 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

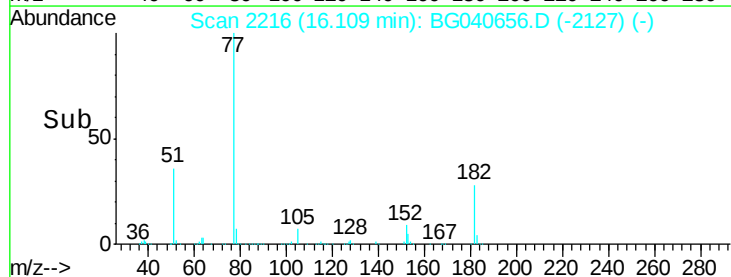
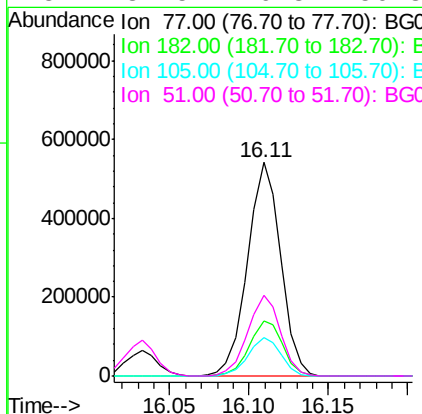
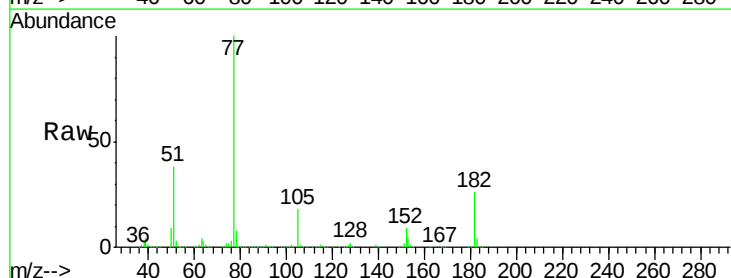
Instrument :
BNA_G
ClientSampleId :

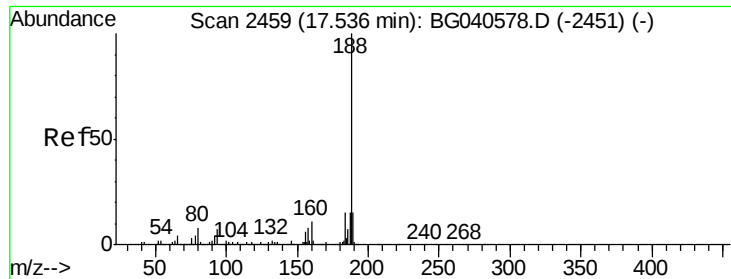
Tot Ion:138 Resp: 185922
Ion Ratio Lower Upper
138 100
92 61.2 43.9 83.9
108 120.1 106.5 146.5



#63
Azobenzene
Concen: 41.478 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion: 77 Resp: 786270
Ion Ratio Lower Upper
77 100
182 26.0 5.0 45.0
105 17.9 0.0 37.6
51 37.5 16.3 56.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampled :

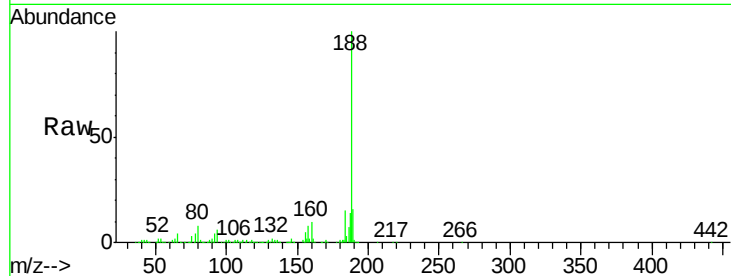
Tot Ion:188 Resp: 568279

Ion Ratio Lower Upper

188 100

94 6.2 5.6 8.4

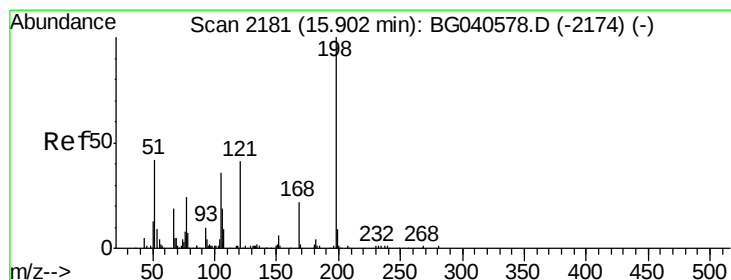
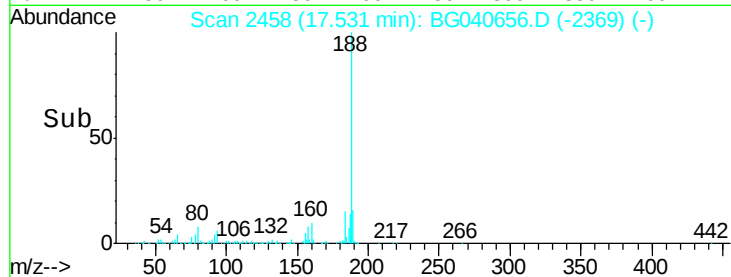
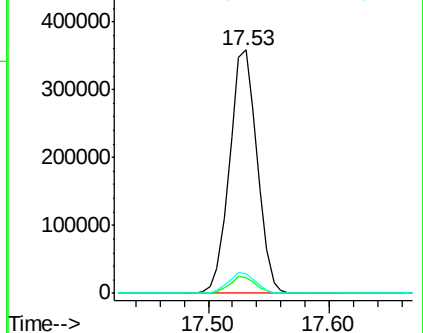
80 7.8 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 49.567 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

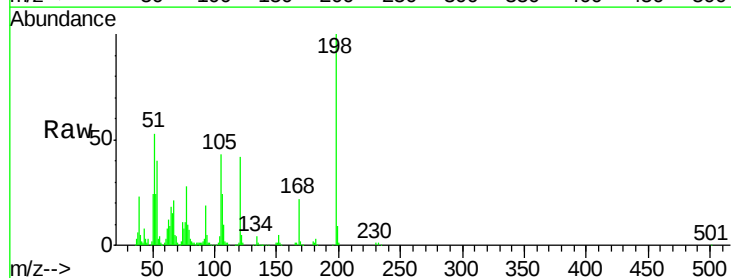
Tgt Ion:198 Resp: 139552

Ion Ratio Lower Upper

198 100

51 53.0 35.9 75.9

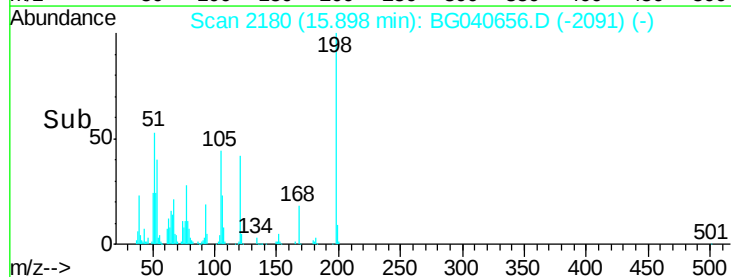
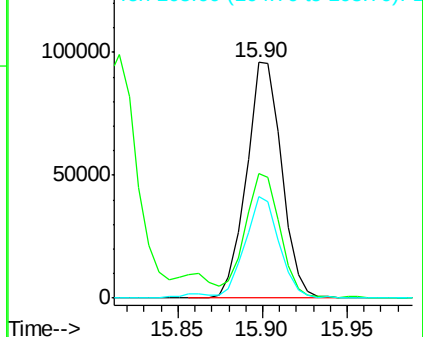
105 43.2 21.2 61.2

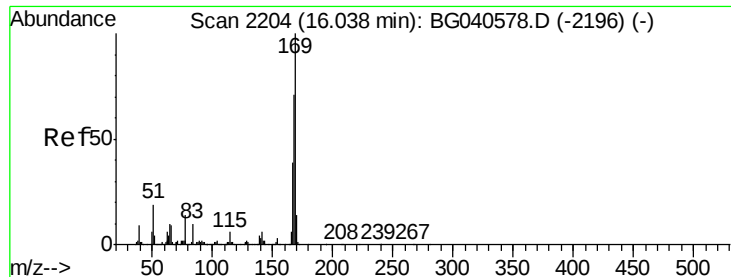


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 39.063 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

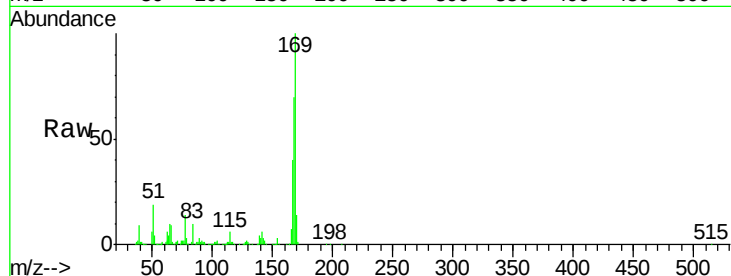
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 653110

Ion	Ratio	Lower	Upper
169	100		
168	70.3	56.8	85.2
167	39.8	31.4	47.0

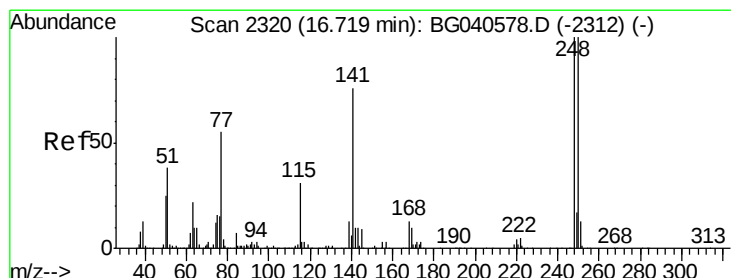
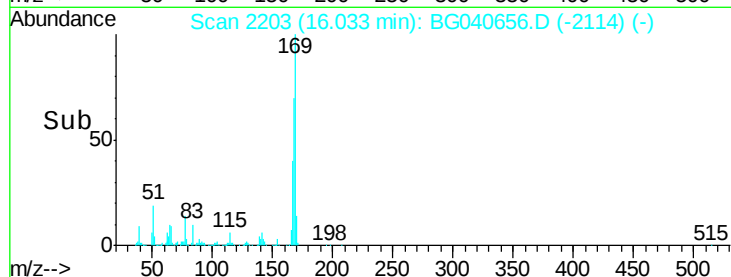
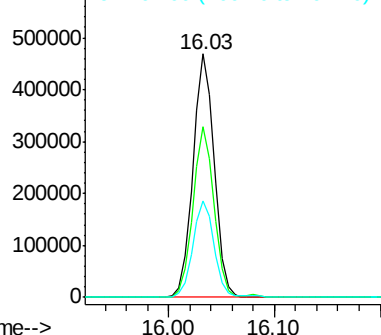


Abundance

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: 40.128 ng

RT: 16.71 min Scan# 2319

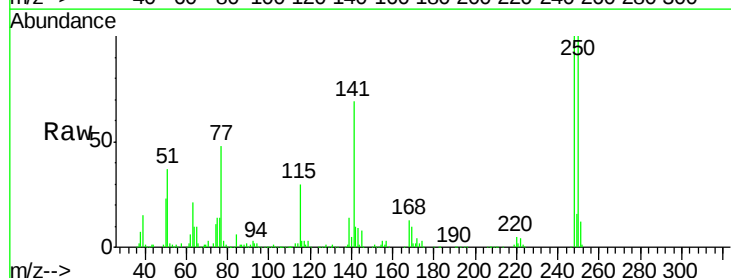
Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Tgt Ion:248 Resp: 284101

Ion	Ratio	Lower	Upper
248	100		
250	100.3	79.8	119.6
141	69.7	60.8	91.2

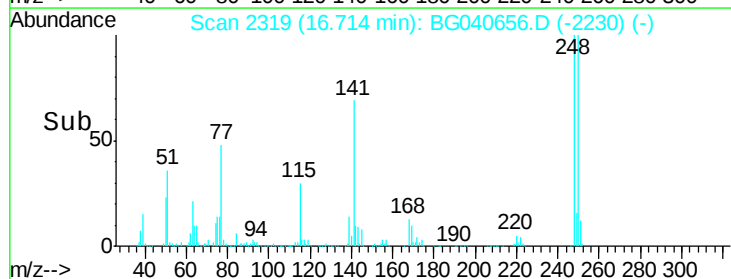
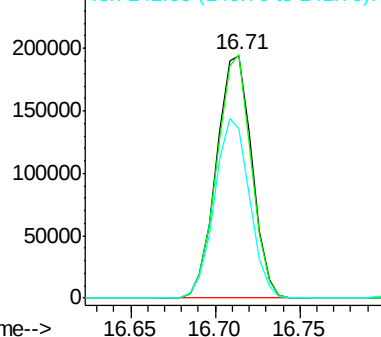


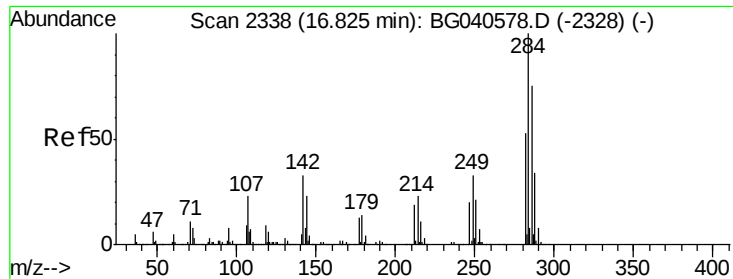
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

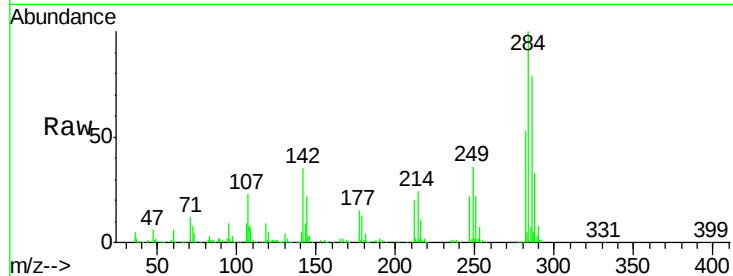




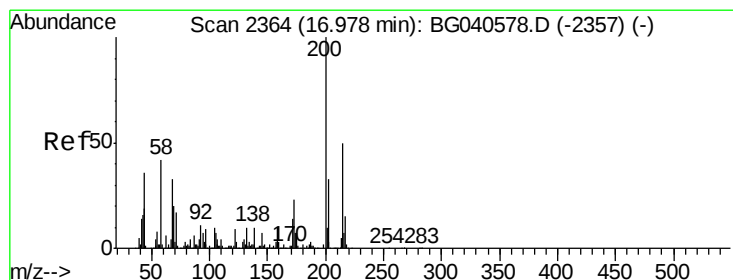
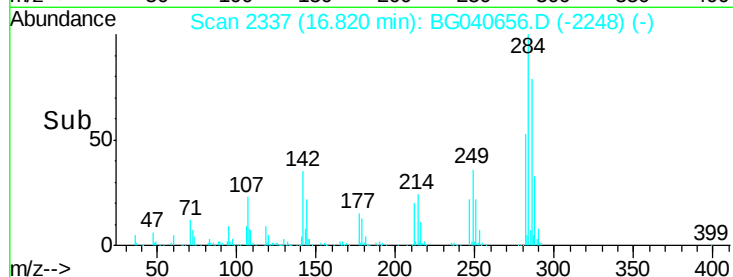
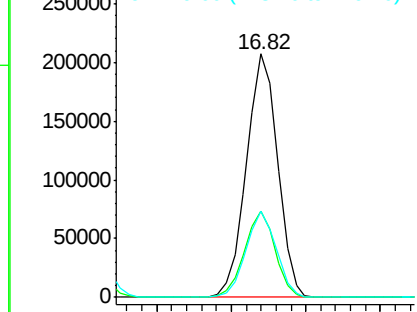
#68
Hexachlorobenzene
Concen: 40.808 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.3	26.6	40.0
249	37.7	26.0	39.0

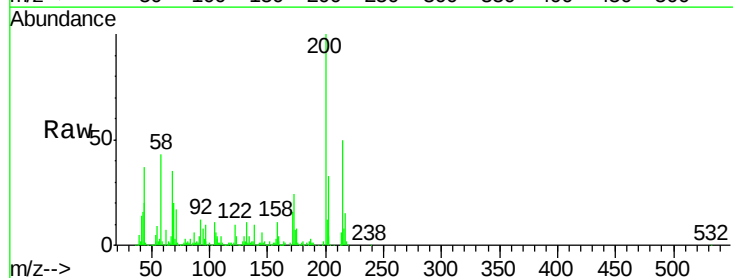


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

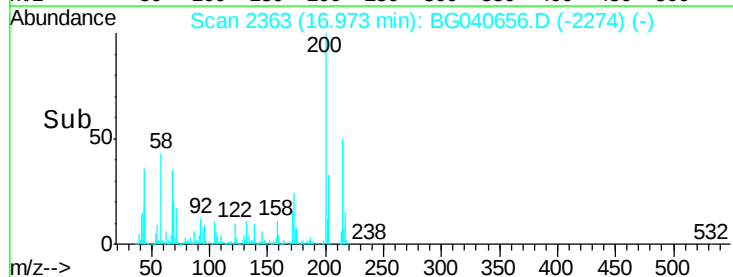
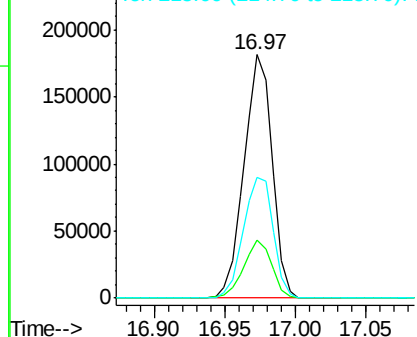


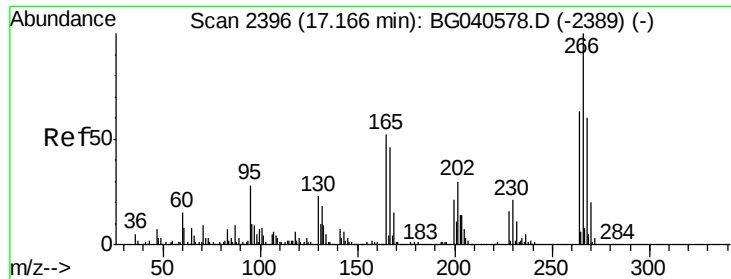
#69
Atrazine
Concen: 38.284 ng
RT: 16.97 min Scan# 2363
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.0	2.8	42.8
215	49.8	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

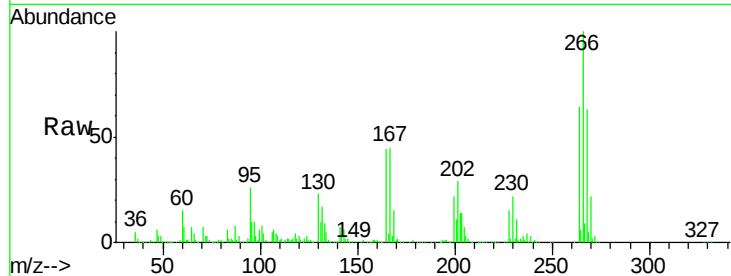




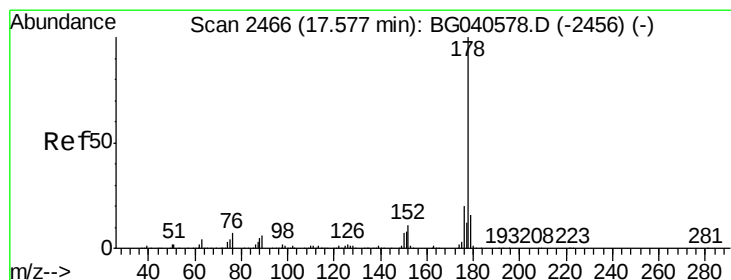
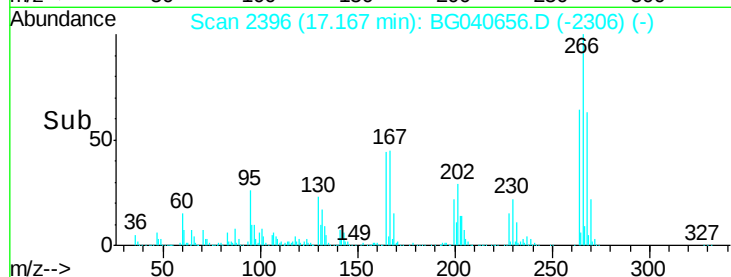
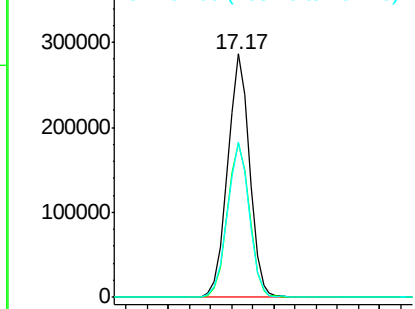
#70
 Pentachlorophenol
 Concen: 95.821 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. 0.00 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 410482
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.3 78.5
 264 63.8 50.0 75.0

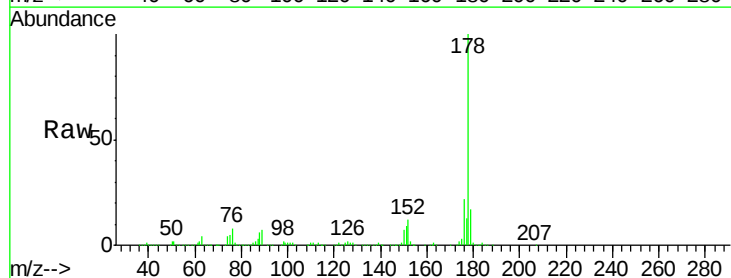


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

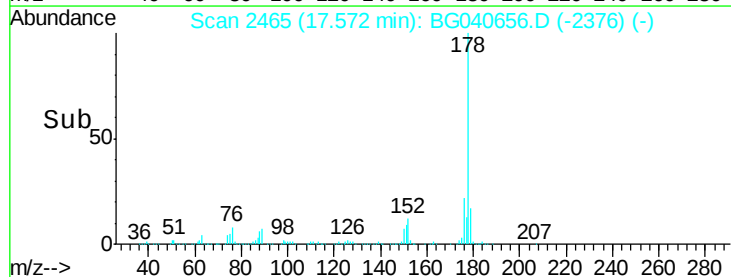
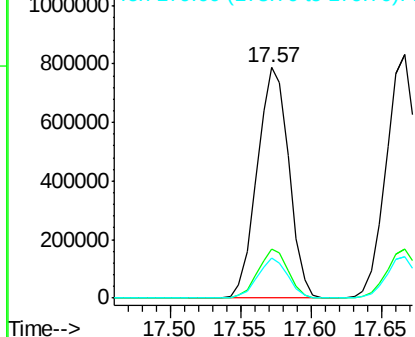


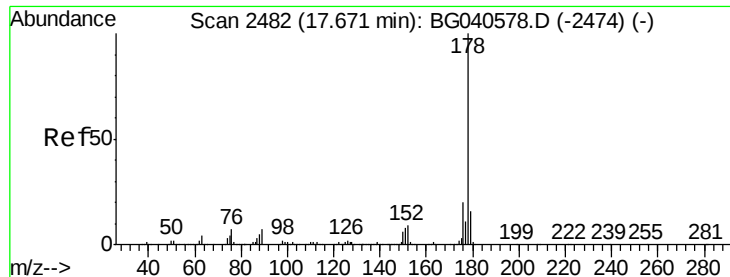
#71
 Phenanthrene
 Concen: 40.653 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

Tgt Ion:178 Resp: 1244359
 Ion Ratio Lower Upper
 178 100
 176 21.6 15.8 23.6
 179 17.2 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: 40.936 ng

RT: 17.67 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

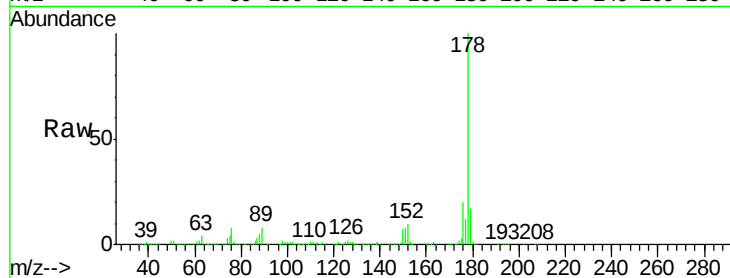
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1259481

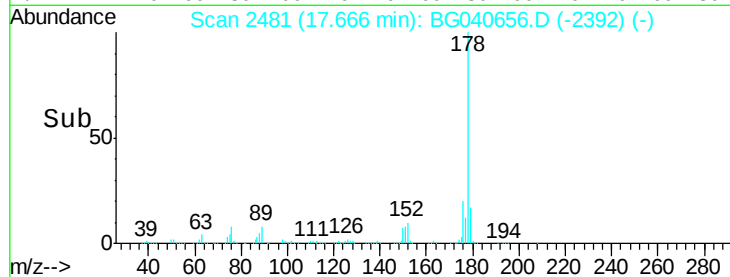
Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	17.1	12.9	19.3



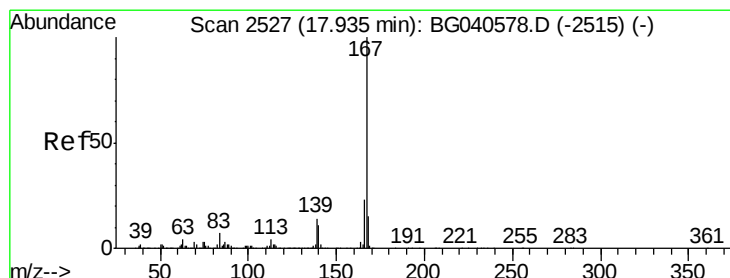
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 41.636 ng

RT: 17.94 min Scan# 2527

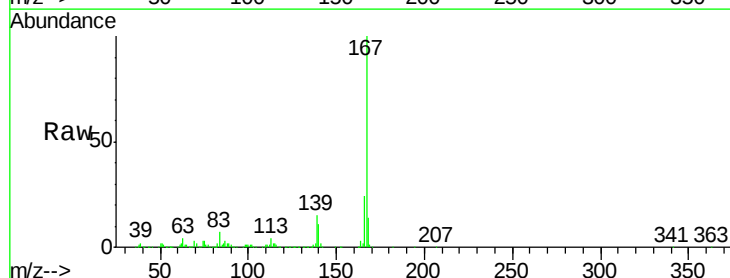
Delta R.T. 0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Tgt Ion:167 Resp: 1167115

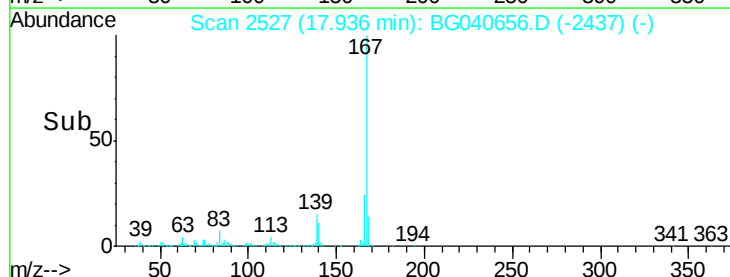
Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.2	27.4
139	14.6	11.4	17.0



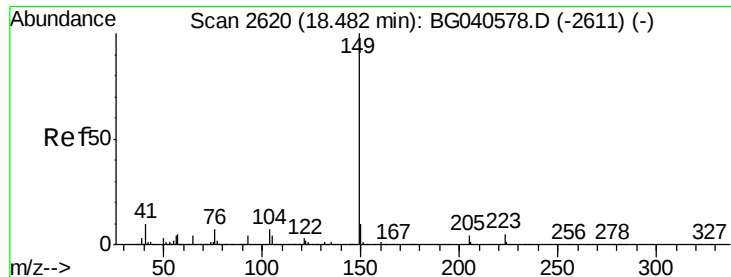
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 41.937 ng

RT: 18.47 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampleId :

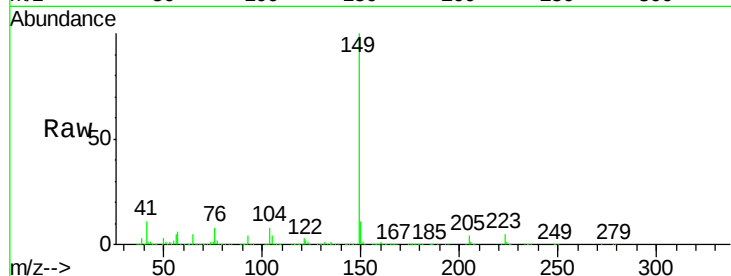
Tot Ion:149 Resp: 1418858

Ion Ratio Lower Upper

149 100

150 10.9 8.2 12.2

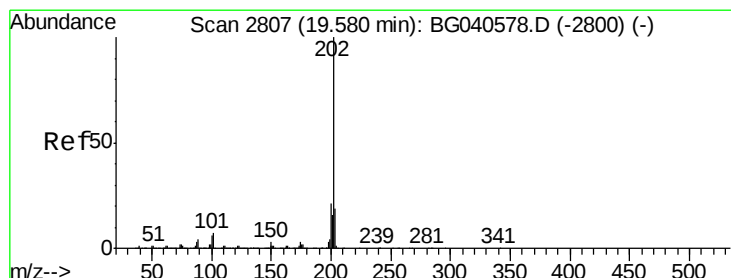
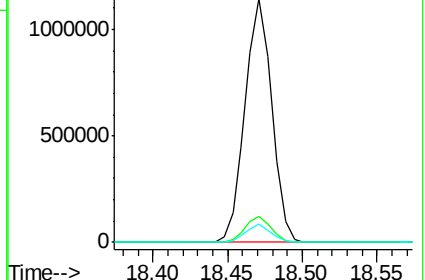
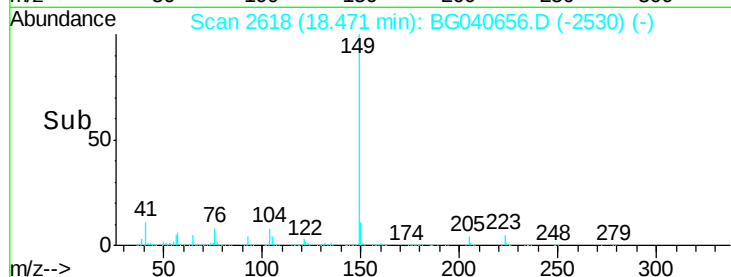
104 7.7 5.4 8.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 42.864 ng

RT: 19.58 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

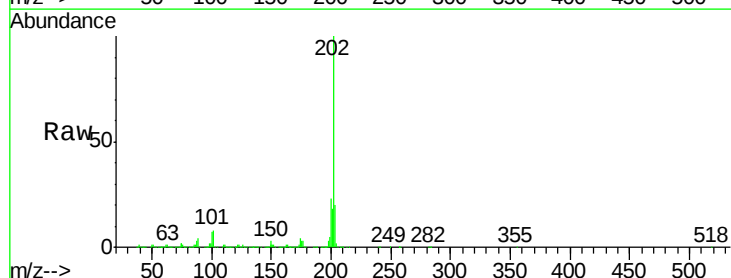
Tgt Ion:202 Resp: 1634986

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.5

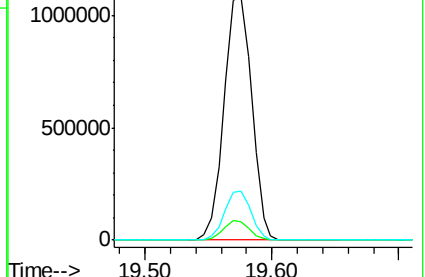
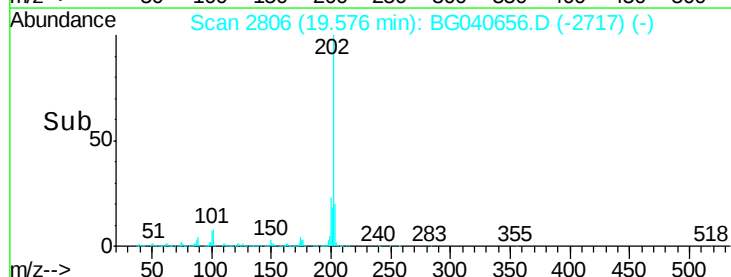
203 20.4 0.0 39.3

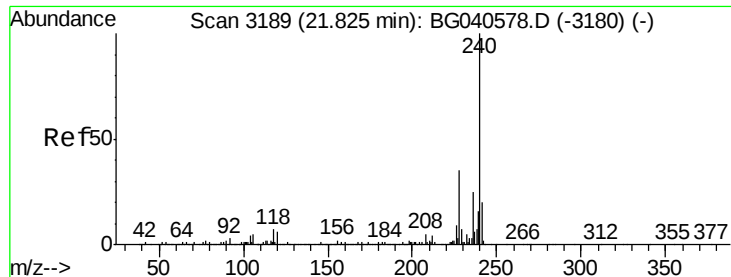


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampled :

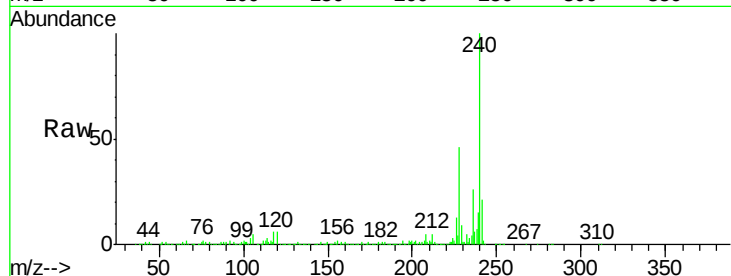
Tot Ion:240 Resp: 655074

Ion Ratio Lower Upper

240 100

120 6.1 5.0 7.6

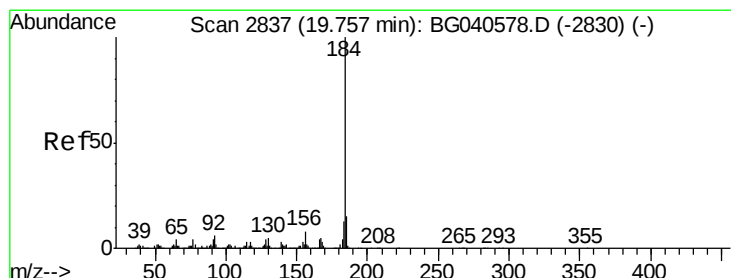
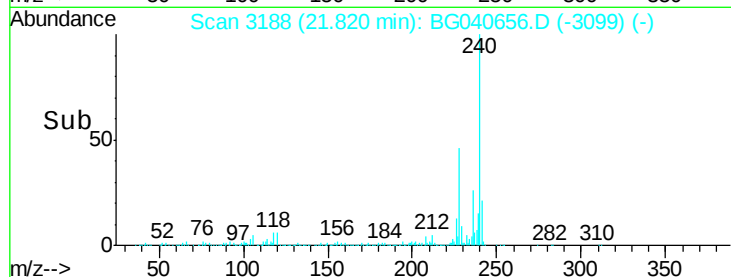
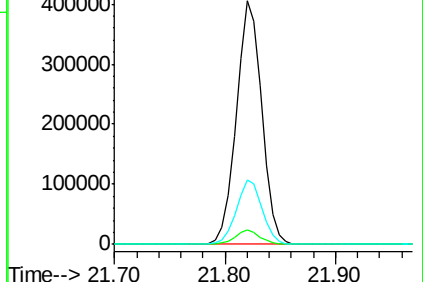
236 26.2 20.3 30.5



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: 18.308 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

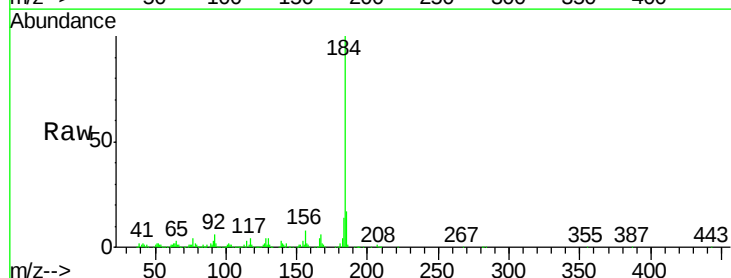
Tgt Ion:184 Resp: 328385

Ion Ratio Lower Upper

184 100

185 16.5 11.8 17.8

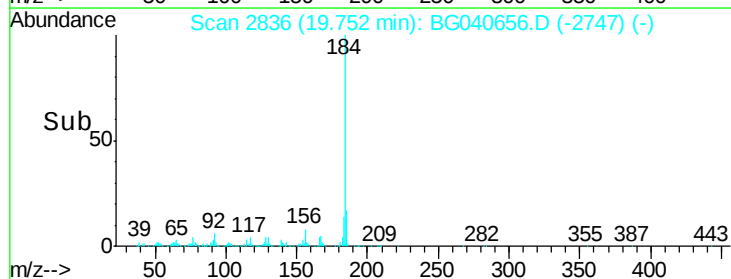
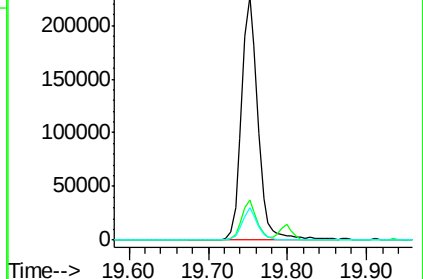
183 13.5 10.2 15.2

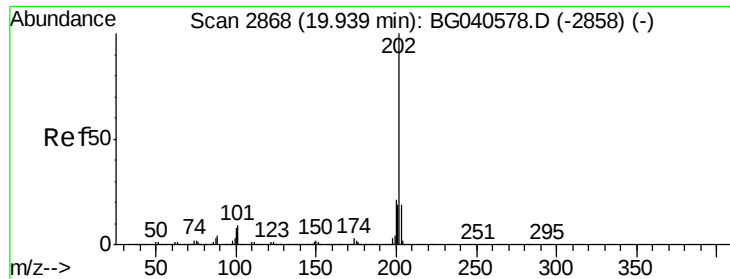


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

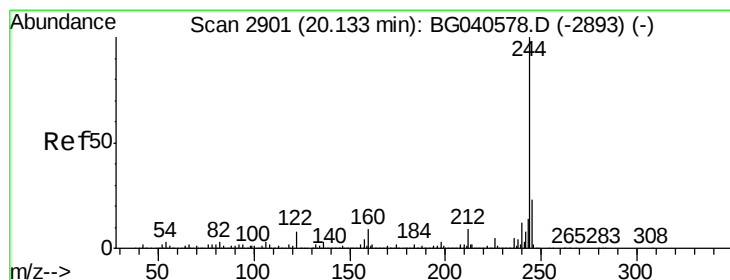
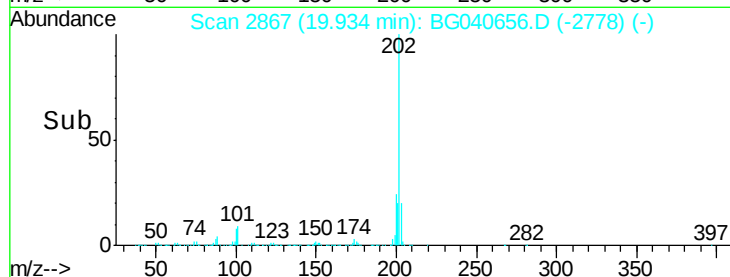
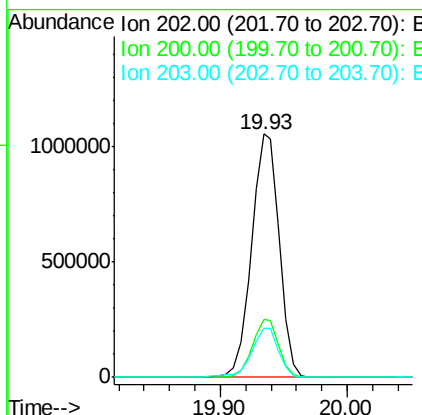
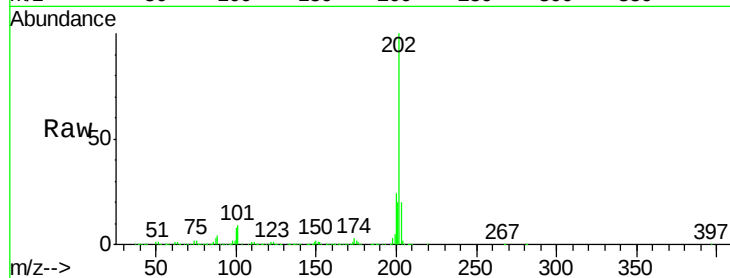




#78
Pvrene
Concen: 39.060 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

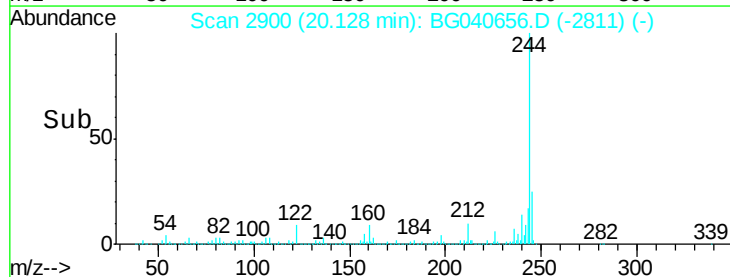
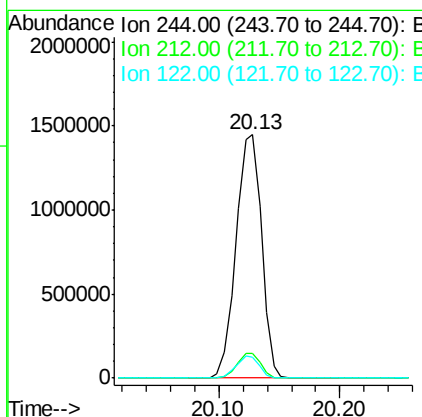
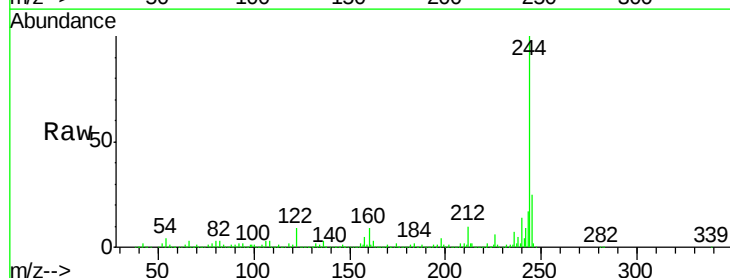
Instrument :
BNA_G
ClientSampleId :

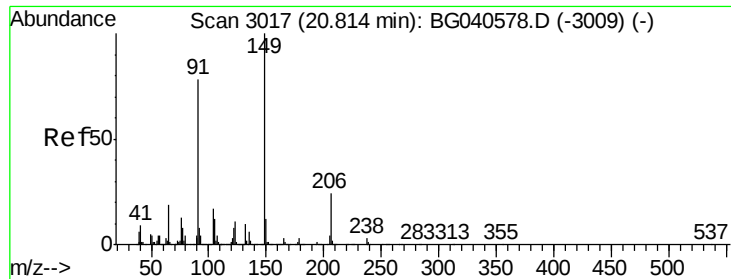
Tot Ion:202 Resp: 1603683
Ion Ratio Lower Upper
202 100
200 23.8 17.2 25.8
203 20.0 15.0 22.4



#79
Terphenyl-d14
Concen: 72.200 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion:244 Resp: 2134872
Ion Ratio Lower Upper
244 100
212 10.4 7.2 10.8
122 8.8 6.6 10.0

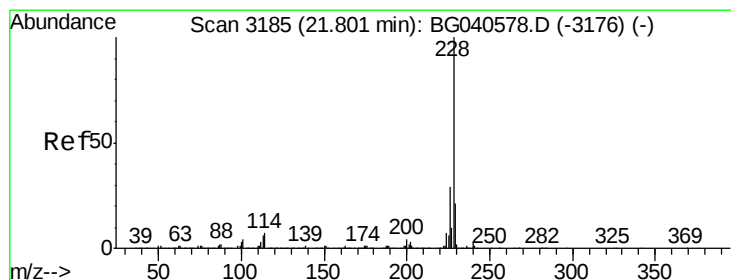
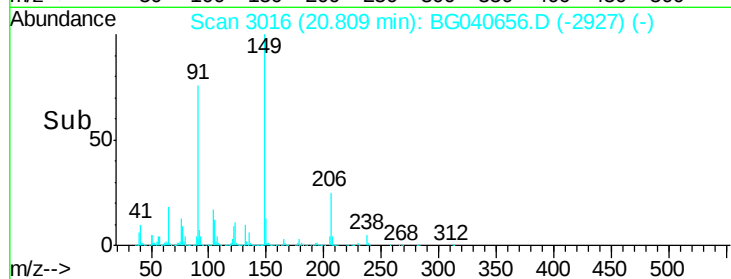
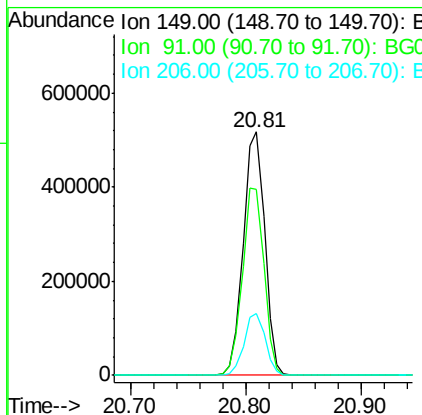
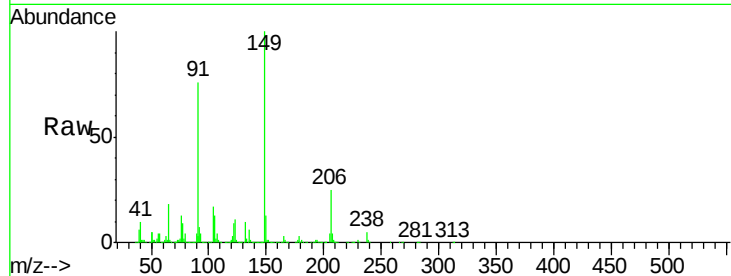




#80
Butylbenzylphthalate
Concen: 41.705 ng
RT: 20.81 min Scan# 3016
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

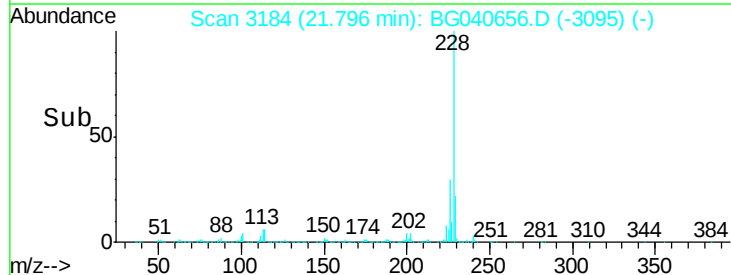
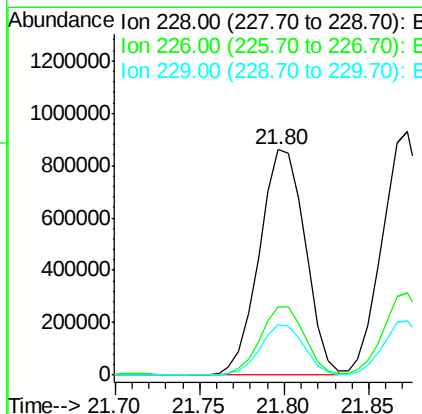
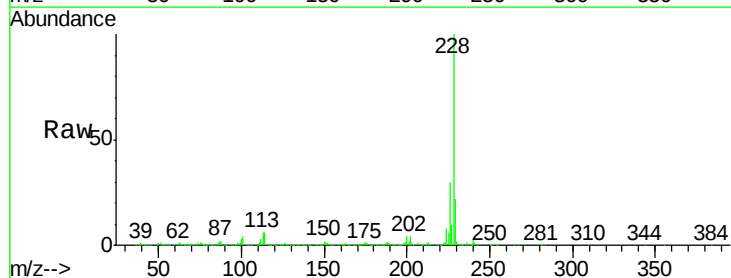
Instrument :
BNA_G
ClientSampleId :

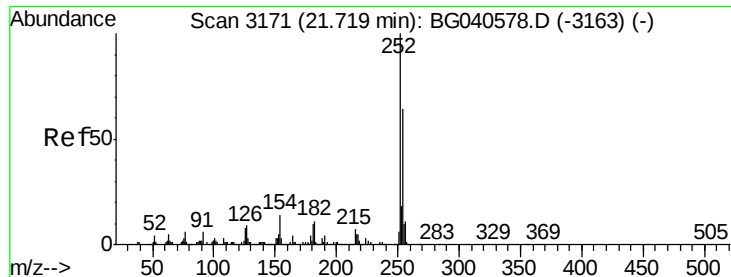
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.2	62.6	93.8
206	25.3	19.4	29.2



#81
Benzo(a)anthracene
Concen: 38.988 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.1	34.7
229	22.4	17.0	25.4





#82

3,3'-Dichlorobenzidine

Concen: 34.385 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampleId :

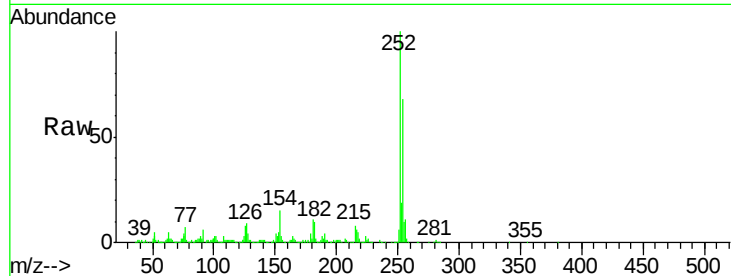
Tot Ion:252 Resp: 507397

Ion Ratio Lower Upper

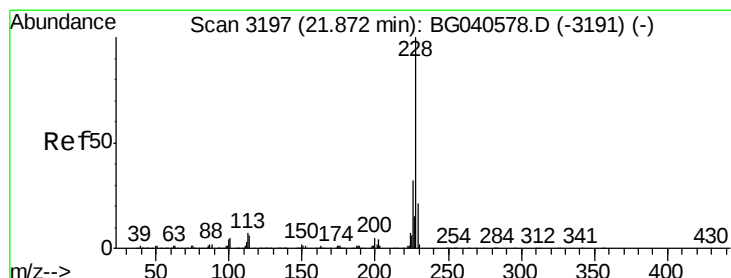
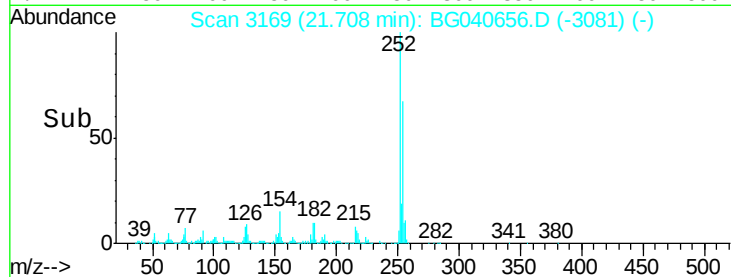
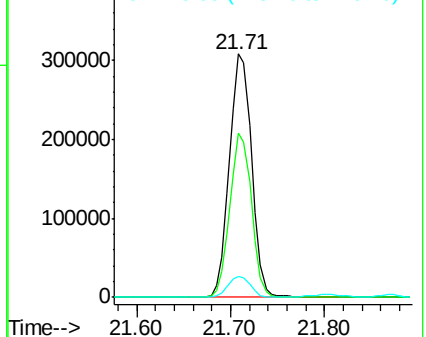
252 100

254 67.5 51.2 76.8

126 8.5 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 40.322 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

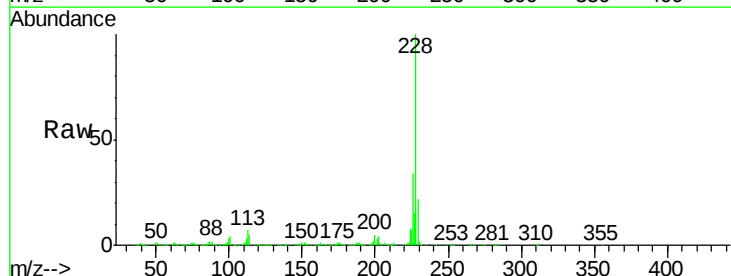
Tgt Ion:228 Resp: 1587625

Ion Ratio Lower Upper

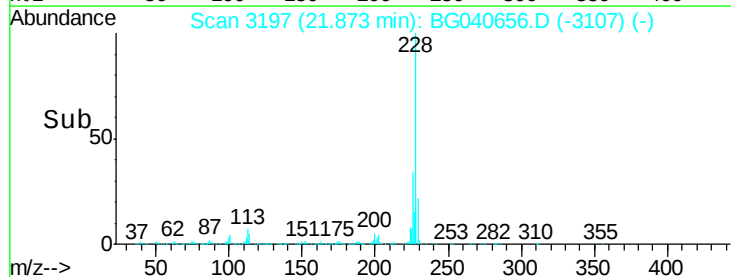
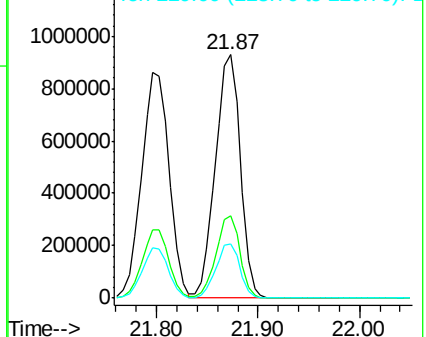
228 100

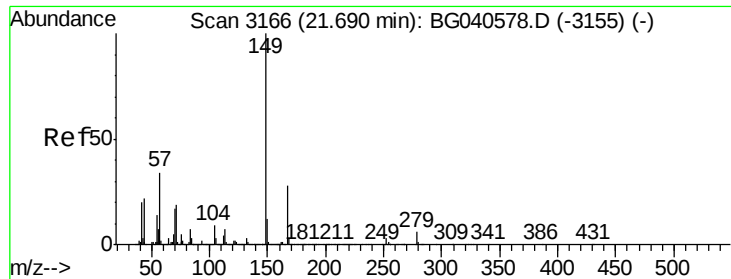
226 33.9 25.5 38.3

229 22.3 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 40.573 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.02 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

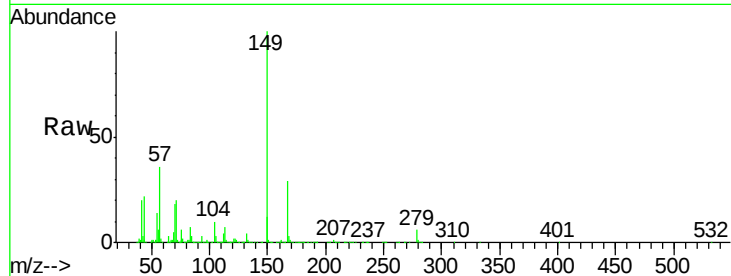
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 937197

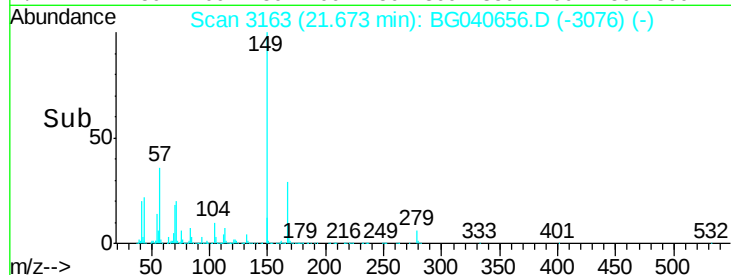
Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.4	33.6
279	5.6	4.6	6.8



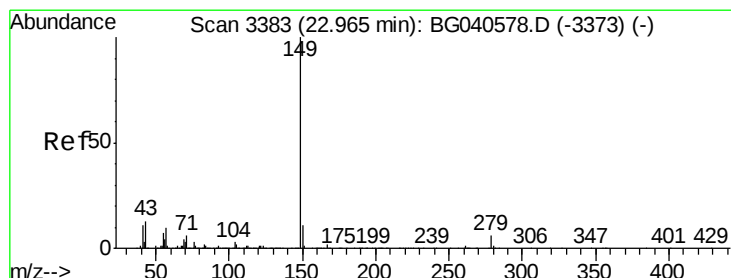
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 40.857 ng

RT: 22.94 min Scan# 3379

Delta R.T. -0.02 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

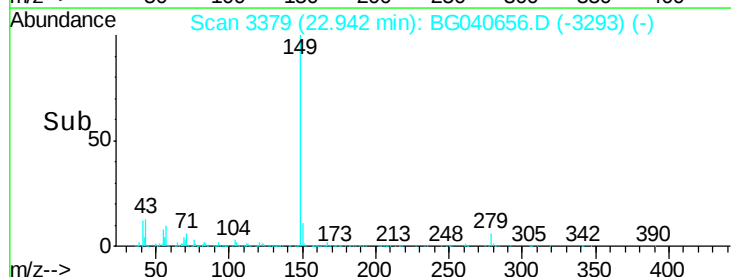
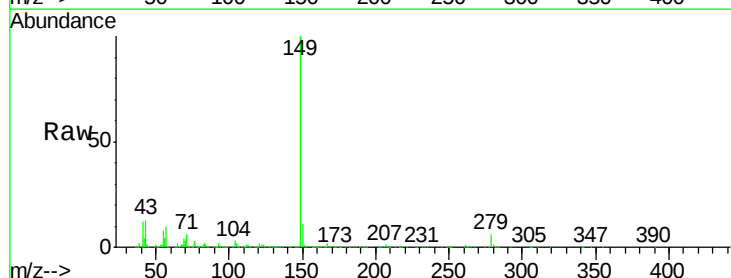
Tgt Ion:149 Resp: 1589438

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	13.1	10.2	15.2

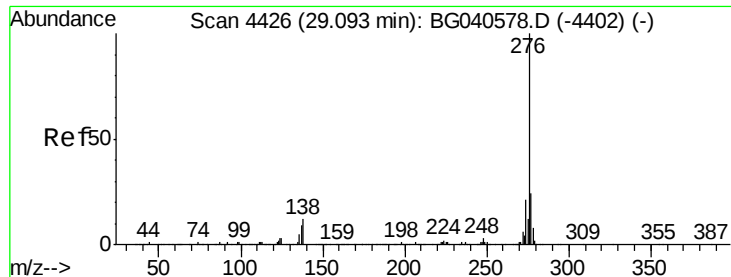
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



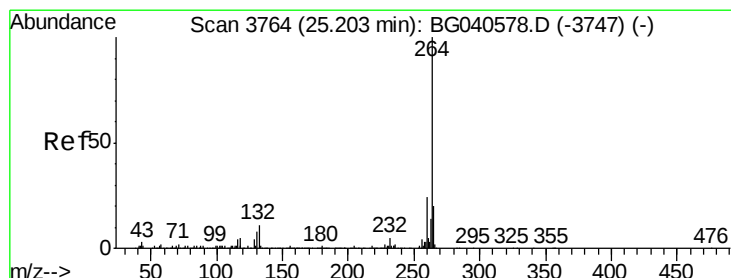
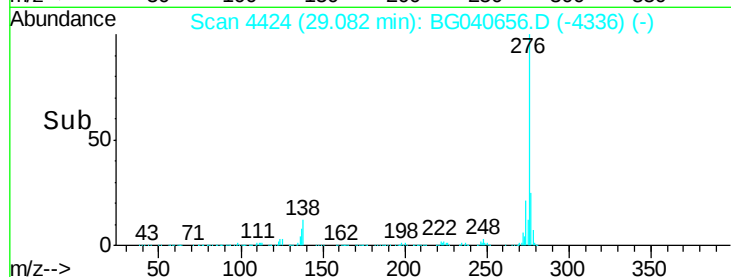
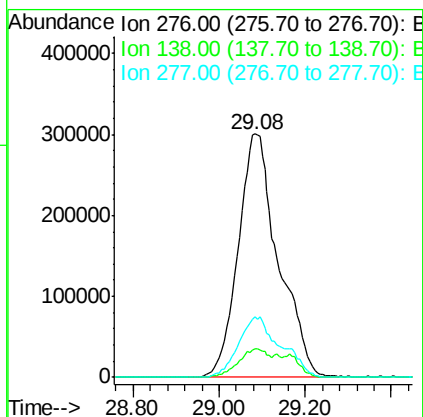
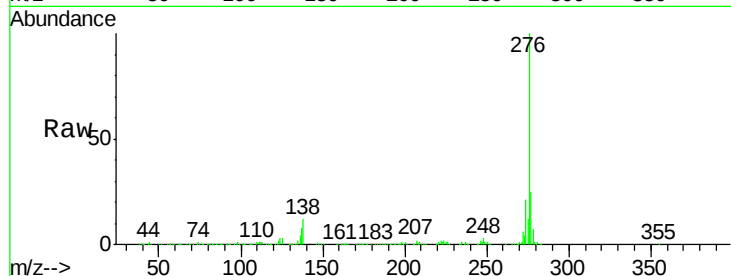
Time-->



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 41.297 ng
 RT: 29.08 min Scan# 4424
 Delta R.T. -0.01 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

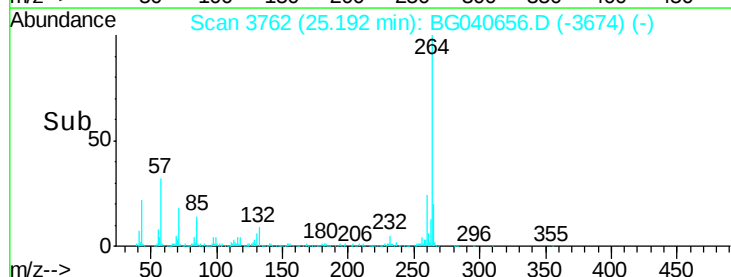
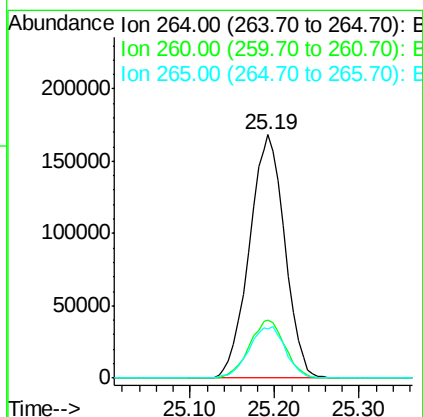
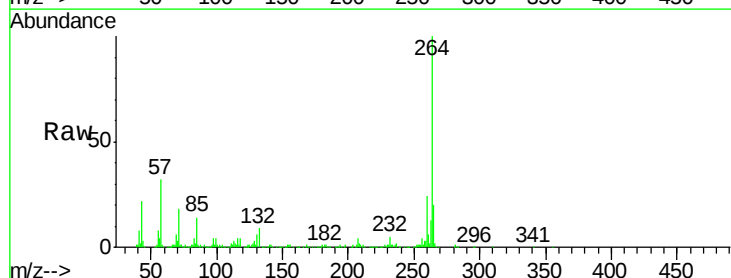
Instrument :
 BNA_G
 ClientSampleId :

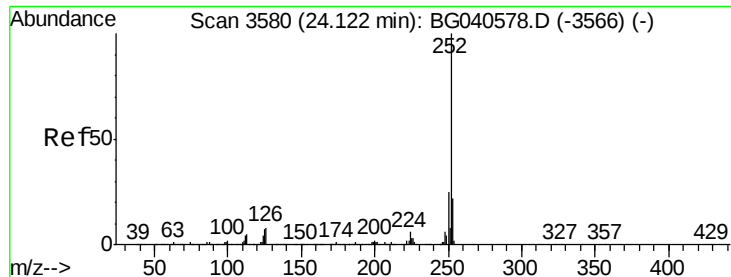
Tot Ion:276 Resp: 1965941
 Ion Ratio Lower Upper
 276 100
 138 8.9 9.8 14.6#
 277 26.2 17.3 25.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3762
 Delta R.T. -0.01 min
 Lab File: BG040656.D
 Acq: 29 Apr 2019 11:40

Tgt Ion:264 Resp: 489373
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.4 16.6 25.0

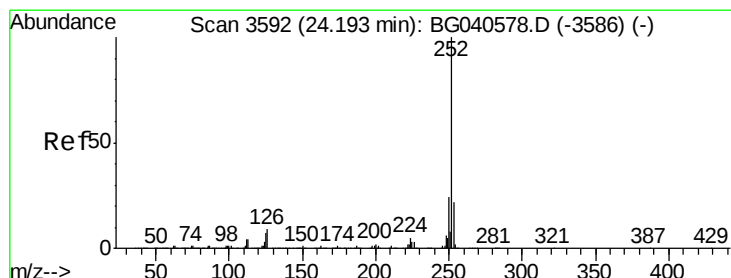
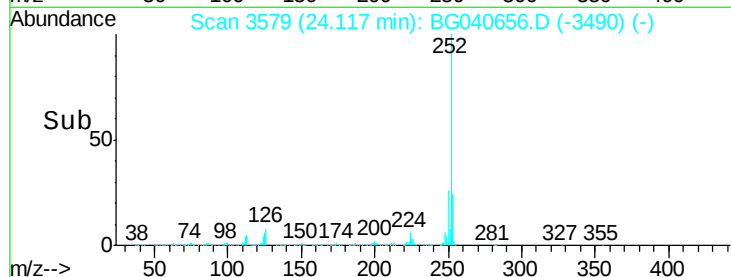
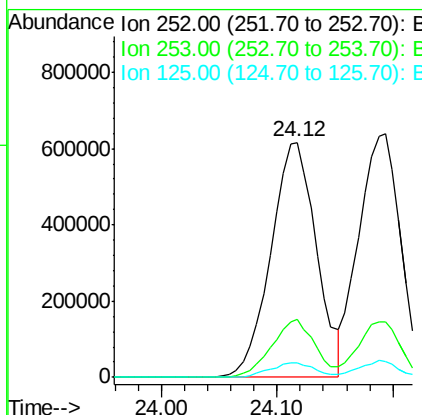
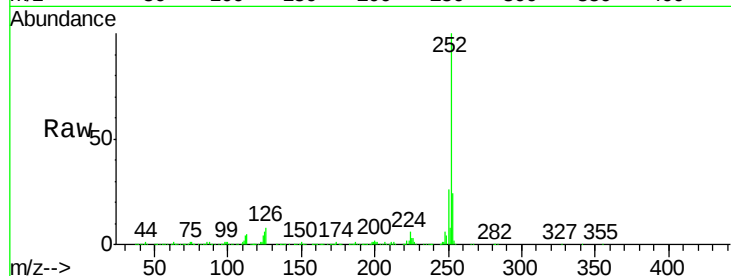




#88
Benzo(b)fluoranthene
Concen: 56.484 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

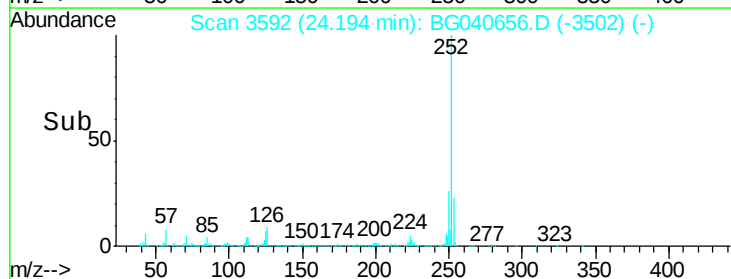
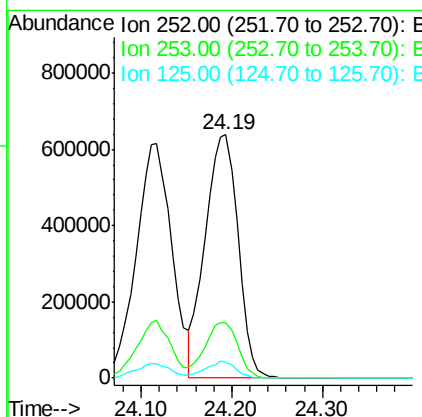
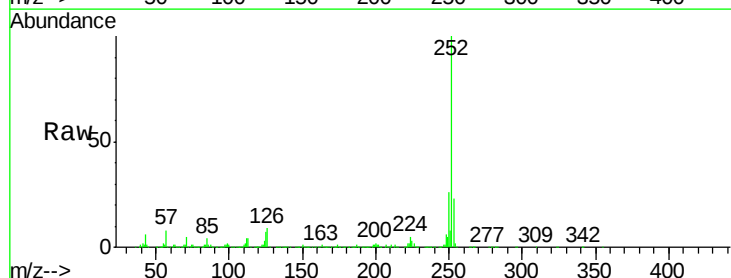
Instrument :
BNA_G
ClientSampleId :

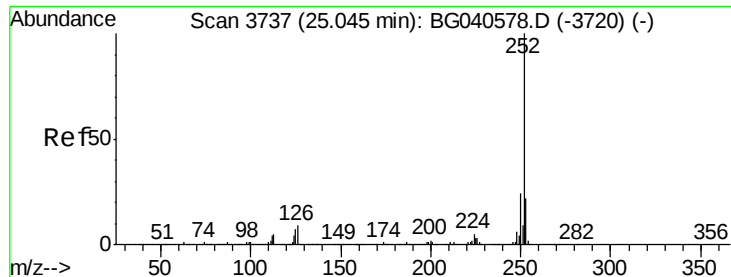
Tot Ion:252 Resp: 1689159
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 6.1 5.4 8.0



#89
Benzo(k)fluoranthene
Concen: 57.479 ng
RT: 24.19 min Scan# 3592
Delta R.T. 0.00 min
Lab File: BG040656.D
Acq: 29 Apr 2019 11:40

Tgt Ion:252 Resp: 1605297
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 6.6 5.5 8.3





#90

Benzo(a)pyrene

Concen: 57.027 ng

RT: 25.04 min Scan# 3736

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

Instrument :

BNA_G

ClientSampleId :

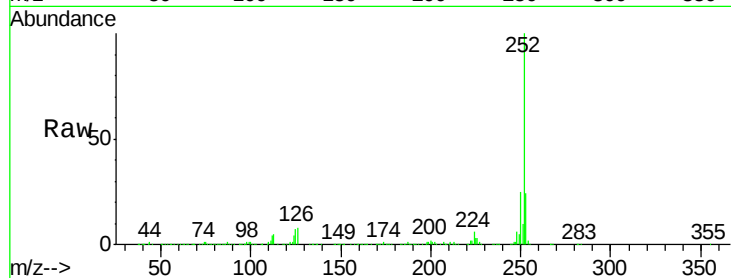
Tot Ion:252 Resp: 1614294

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.6

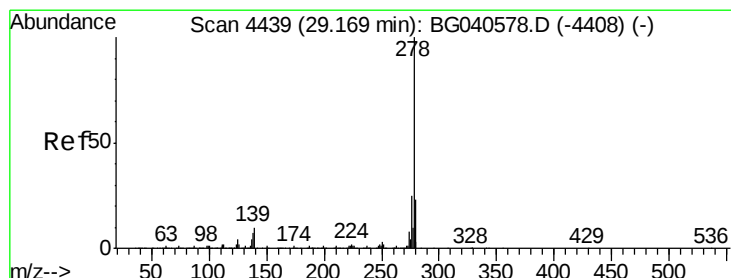
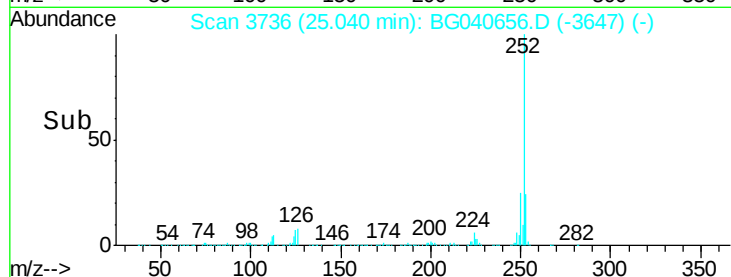
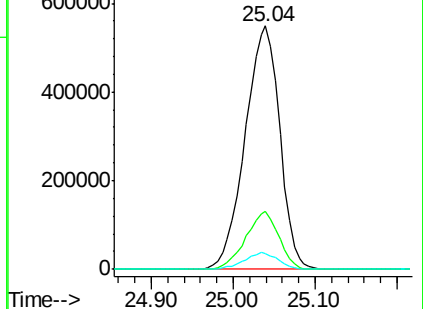
125 6.7 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 56.248 ng

RT: 29.16 min Scan# 4438

Delta R.T. -0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

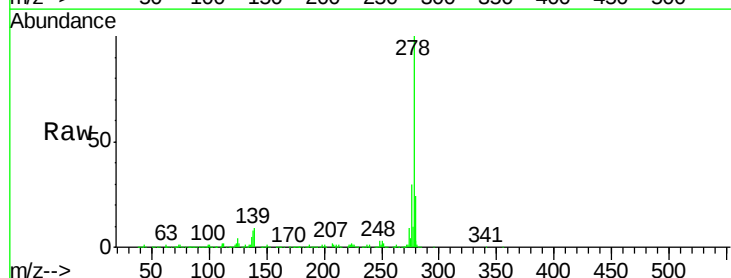
Tgt Ion:278 Resp: 1611297

Ion Ratio Lower Upper

278 100

139 9.4 8.2 12.4

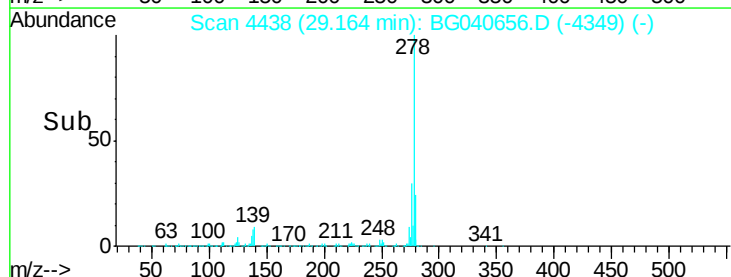
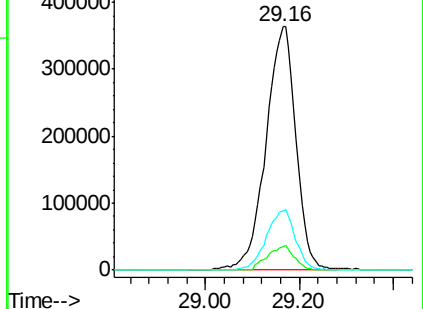
279 24.4 18.5 27.7

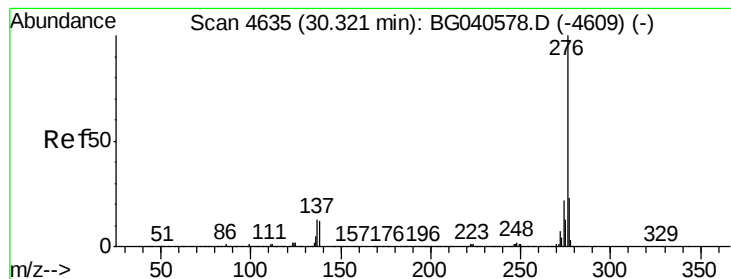


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 56.968 ng

RT: 30.32 min Scan# 4635

Delta R.T. 0.00 min

Lab File: BG040656.D

Acq: 29 Apr 2019 11:40

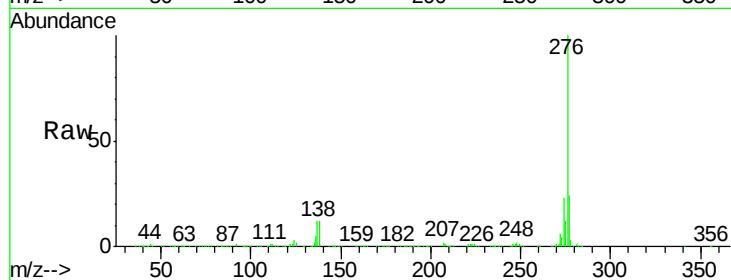
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1624139

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	12.4	9.8	14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

