

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
 Data File : BG040600.D
 Acq On : 24 Apr 2019 19:11
 Operator : JU/SJ
 Sample : PB119187BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 01:03:57 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	8.16	152	39402	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	157185	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	106035	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	267693	20.00	ng	0.00
76) Chrysene-d12	21.83	240	333514	20.00	ng	0.00
87) Perylene-d12	25.20	264	330376	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	320899	143.56	ng	0.00
7) Phenol-d6	7.30	99	464524	134.97	ng	0.00
23) Nitrobenzene-d5	9.33	82	268227	78.85	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	192688	132.21	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	554841	75.57	ng	0.00
79) Terphenyl-d14	20.13	244	1191559	79.15	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	41033	40.365	ng	98
3) Pyridine	3.96	79	111146	37.722	ng	96
4) n-Nitrosodimethylamine	3.88	42	69606	42.590	ng	# 98
6) Aniline	7.48	93	122169	26.781	ng	98
8) 2-Chlorophenol	7.72	128	119308	43.713	ng	95
9) Benzaldehyde	7.29	77	41328	15.815	ng	95
10) Phenol	7.32	94	162664	43.968	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	111044	40.027	ng	97
12) 1,3-Dichlorobenzene	8.04	146	117882	39.571	ng	98
13) 1,4-Dichlorobenzene	8.19	146	120151	39.786	ng	97
14) 1,2-Dichlorobenzene	8.51	146	115196	39.554	ng	99
15) Benzyl Alcohol	8.39	79	138967	38.806	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	210317	38.078	ng	98
17) 2-Methylphenol	8.59	107	110368	42.155	ng	97
18) Hexachloroethane	9.25	117	46944	37.895	ng	94
19) n-Nitroso-di-n-propylamine	8.96	70	111048	35.844	ng	97
20) 3+4-Methylphenols	8.92	107	153607	42.116	ng	99
22) Acetophenone	8.99	105	189797	43.423	ng	# 96
24) Nitrobenzene	9.38	77	159342	43.901	ng	95
25) Isophorone	9.90	82	309532	40.849	ng	99
26) 2-Nitrophenol	10.09	139	59280	45.564	ng	97
27) 2,4-Dimethylphenol	10.13	122	122914	50.352	ng	95
28) bis(2-Chloroethoxy)methane	10.38	93	156454	41.153	ng	97
29) 2,4-Dichlorophenol	10.62	162	130007	46.846	ng	93
30) 1,2,4-Trichlorobenzene	10.84	180	130450	42.388	ng	95
31) Naphthalene	11.03	128	352171	42.172	ng	99
32) Benzoic acid	10.19	122	17222	10.306	ng	99
33) 4-Chloroaniline	11.14	127	85711	23.149	ng	96
34) Hexachlorobutadiene	11.30	225	93971	41.360	ng	98
35) Caprolactam	11.92	113	44743	40.836	ng	# 87
36) 4-Chloro-3-methylphenol	12.24	107	152413	43.535	ng	99
37) 2-Methylnaphthalene	12.62	142	265940	42.594	ng	97
38) 1-Methylnaphthalene	12.85	142	250156	40.990	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	170476	43.158	ng	96

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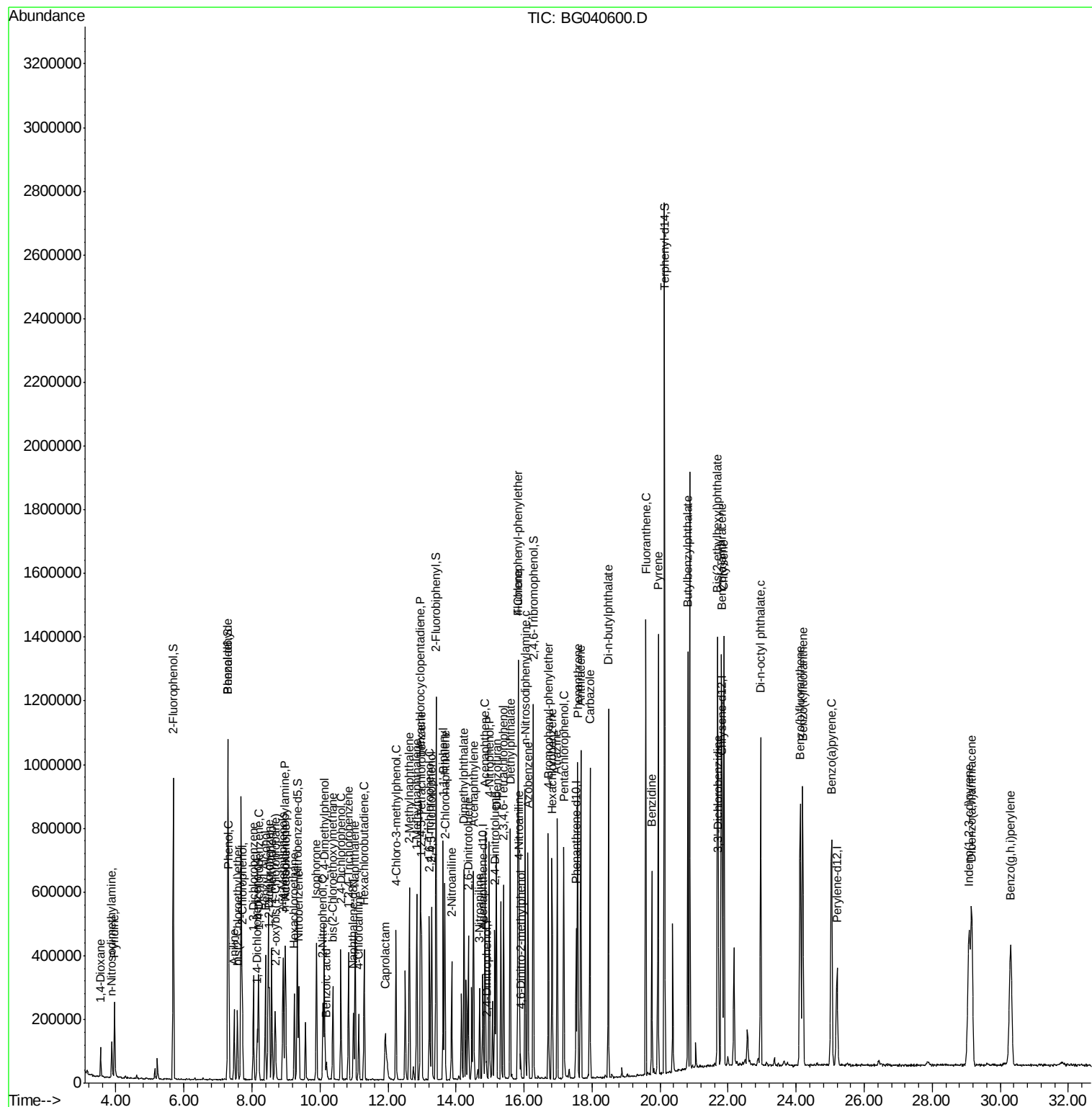
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	237141	101.740	nq	96
43) 2,4,6-Trichlorophenol	13.22	196	113770	47.661	nq	96
44) 2,4,5-Trichlorophenol	13.29	196	118576	45.600	nq	96
46) 1,1'-Biphenyl	13.62	154	347871	42.255	nq	96
47) 2-Chloronaphthalene	13.67	162	277919	43.136	nq	99
48) 2-Nitroaniline	13.87	65	109154	47.595	nq	95
49) Acenaphthylene	14.51	152	448809	41.058	nq	99
50) Dimethylphthalate	14.23	163	377011	42.496	nq	98
51) 2,6-Dinitrotoluene	14.36	165	77857	44.965	nq	95
52) Acenaphthene	14.85	154	263831	41.445	nq	96
53) 3-Nitroaniline	14.69	138	54377	30.650	nq	# 97
54) 2,4-Dinitrophenol	14.89	184	12499	18.692	nq	98
55) Dibenzofuran	15.19	168	438965	42.100	nq	100
56) 4-Nitrophenol	14.98	139	137506	89.385	nq	98
57) 2,4-Dinitrotoluene	15.15	165	107967	45.888	nq	98
58) Fluorene	15.83	166	351204	41.674	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	122256	46.711	nq	98
60) Diethylphthalate	15.59	149	402533	43.004	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	212437	43.341	nq	98
62) 4-Nitroaniline	15.86	138	90112	45.407	nq	98
63) Azobenzene	16.11	77	416023	43.157	nq	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	15906	17.376	nq	93
66) n-Nitrosodiphenylamine	16.03	169	328161	41.667	nq	97
67) 4-Bromophenyl-phenylether	16.71	248	133771	40.110	nq	99
68) Hexachlorobenzene	16.83	284	145027	42.055	nq	96
69) Atrazine	16.97	200	146203	46.854	nq	98
70) Pentachlorophenol	17.17	266	124335	61.615	nq	97
71) Phenanthrene	17.57	178	626750	43.468	nq	99
72) Anthracene	17.67	178	644032	44.437	nq	99
73) Carbazole	17.94	167	596307	45.160	nq	98
74) Di-n-butylphthalate	18.48	149	745298	46.764	nq	98
75) Fluoranthene	19.58	202	865462	48.167	nq	98
77) Benzidine	19.76	184	353866	38.751	nq	99
78) Pyrene	19.94	202	870349	41.637	nq	99
80) Butylbenzylphthalate	20.81	149	354778	43.547	nq	98
81) Benzo(a)anthracene	21.80	228	858613	40.734	nq	99
82) 3,3'-Dichlorobenzidine	21.71	252	174304	23.201	nq	97
83) Chrysene	21.87	228	844890	42.147	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	501200	42.618	nq	99
85) Di-n-octyl phthalate	22.95	149	859255	43.383	nq	99
86) Indeno(1,2,3-cd)pyrene	29.08	276	1018317	42.016	nq	92
88) Benzo(b)fluoranthene	24.12	252	875007	43.341	nq	98
89) Benzo(k)fluoranthene	24.19	252	851588	45.167	nq	98
90) Benzo(a)pyrene	25.04	252	854562	44.717	nq	98
91) Dibenzo(a,h)anthracene	29.15	278	837288	43.295	nq	98
92) Benzo(g,h,i)perylene	30.30	276	839167	43.600	nq	99

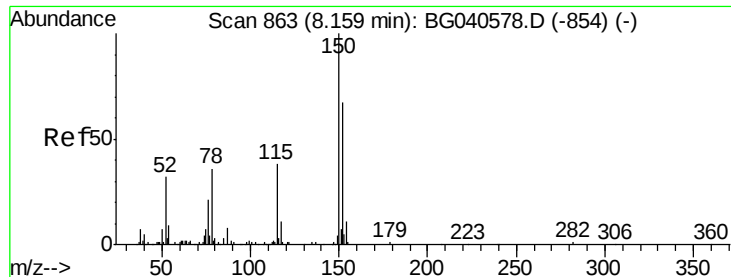
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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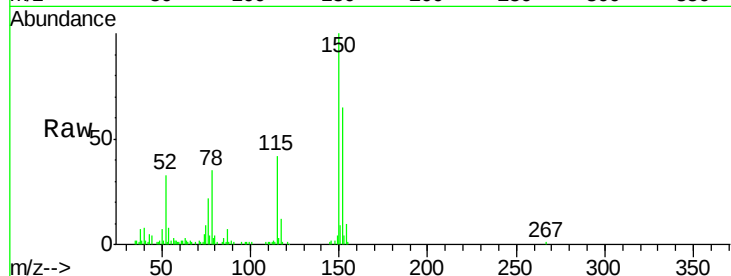


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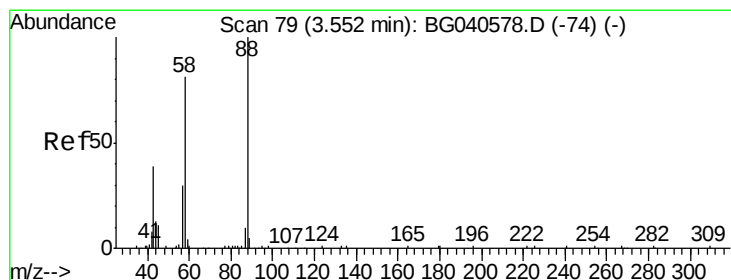
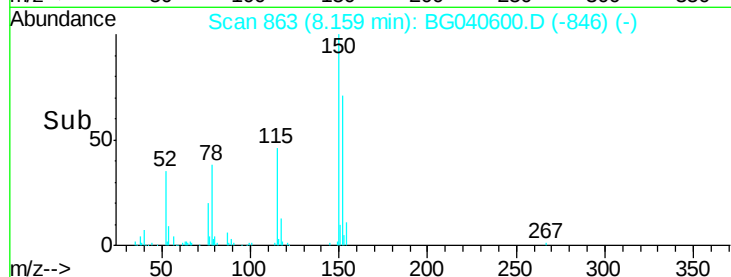
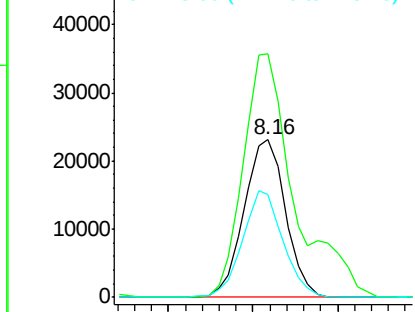
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39402
Ion Ratio Lower Upper
152 100
150 154.6 120.2 180.2
115 65.1 46.2 69.2



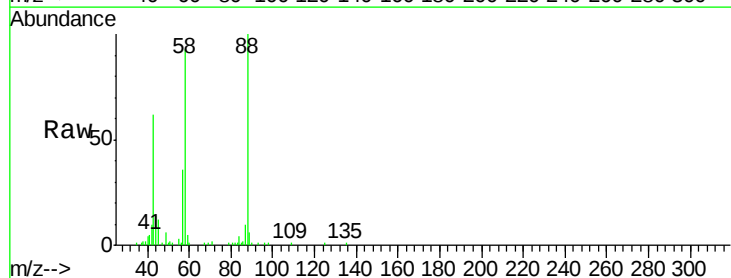
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



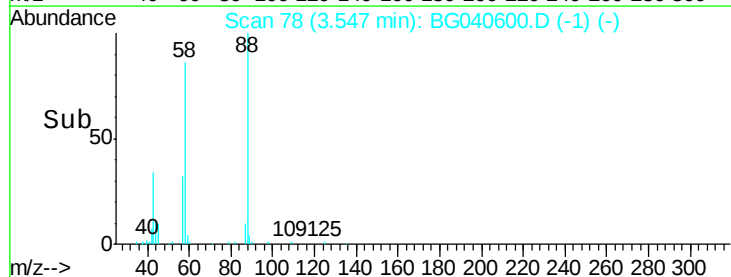
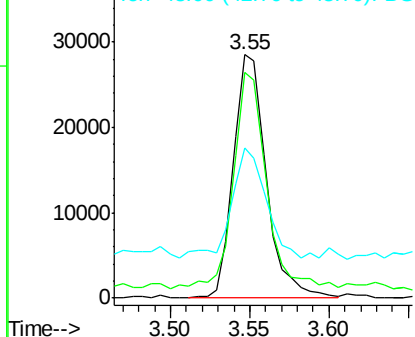
#2

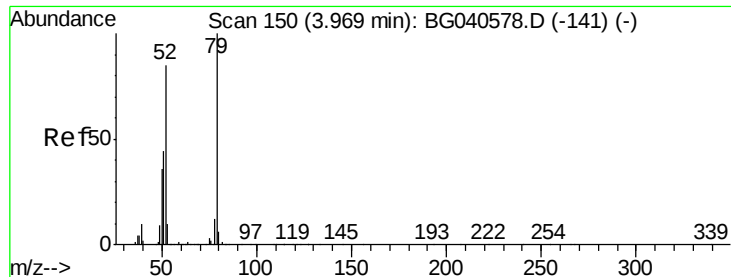
1,4-Dioxane
Concen: 40.365 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Tgt Ion: 88 Resp: 41033
Ion Ratio Lower Upper
88 100
58 89.6 71.2 106.8
43 48.1 35.6 53.4



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





#3

Pvridine

Concen: 37.722 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

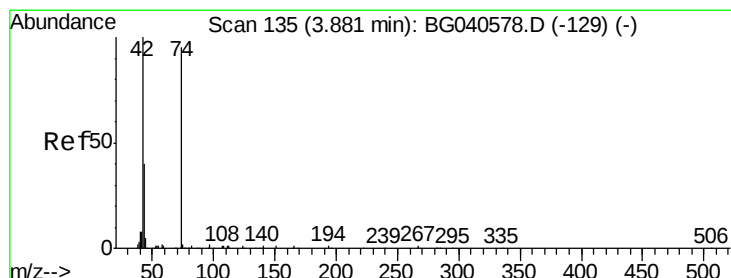
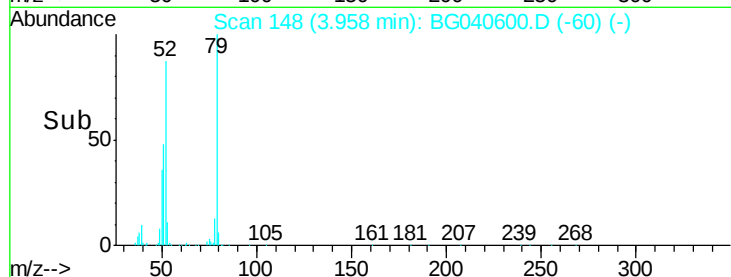
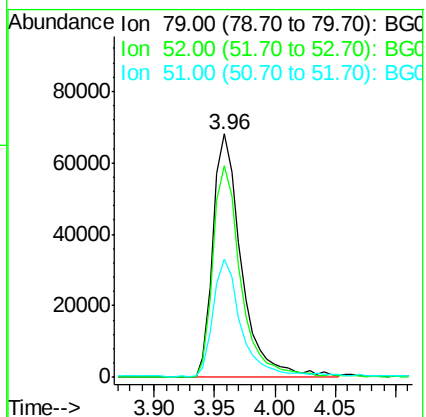
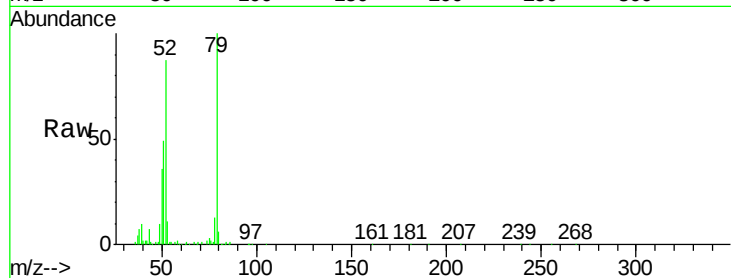
Tot Ion: 79 Resp: 111146

Ion Ratio Lower Upper

79 100

52 87.2 67.5 101.3

51 48.7 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 42.590 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

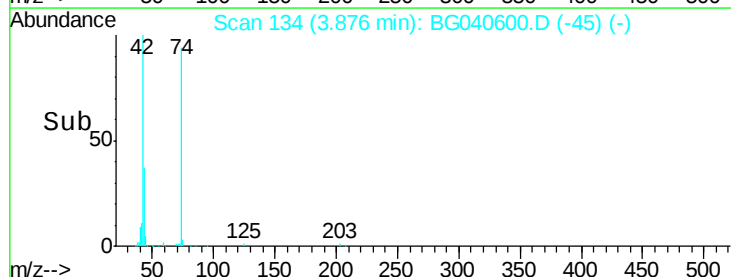
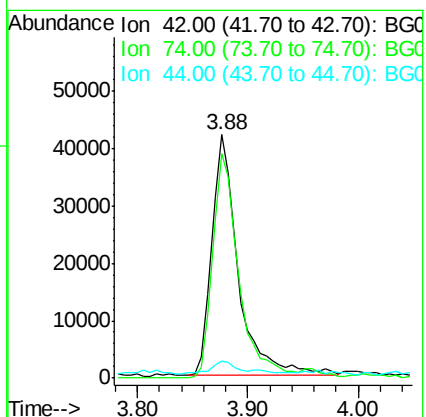
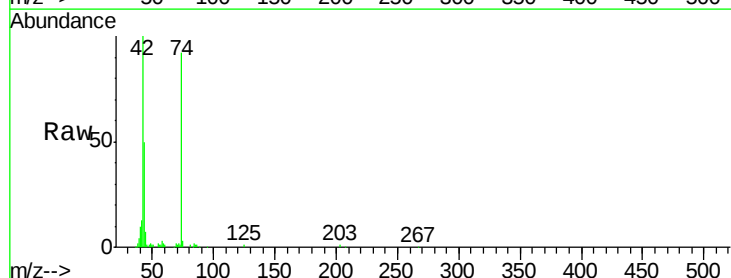
Tgt Ion: 42 Resp: 69606

Ion Ratio Lower Upper

42 100

74 92.1 74.6 111.8

44 6.8 7.4 11.0#





#5

2-Fluorophenol

Concen: 143.564 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

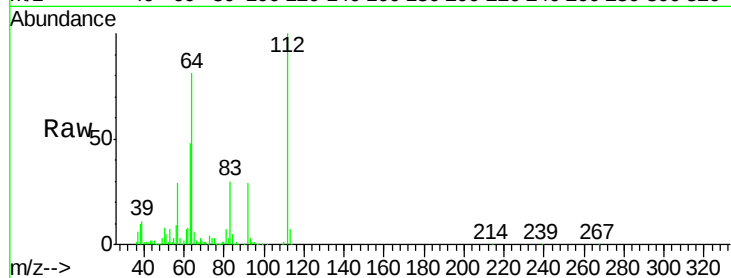
Tot Ion:112 Resp: 320899

Ion Ratio Lower Upper

112 100

64 80.9 61.4 92.0

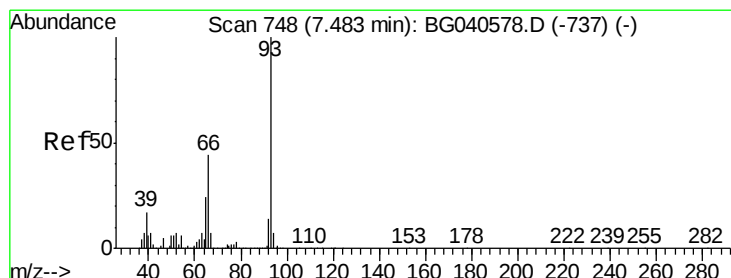
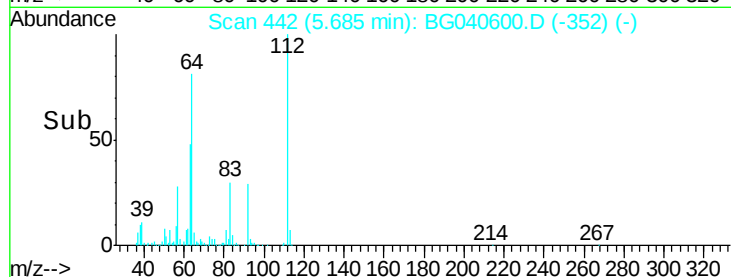
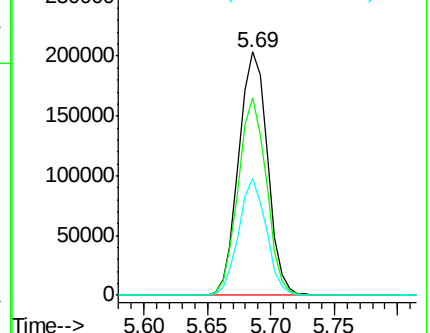
63 47.9 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.781 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

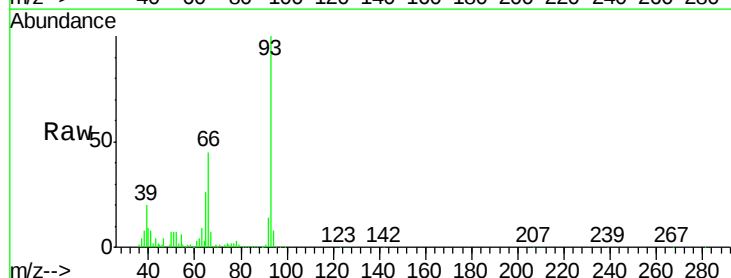
Tgt Ion: 93 Resp: 122169

Ion Ratio Lower Upper

93 100

66 44.9 35.5 53.3

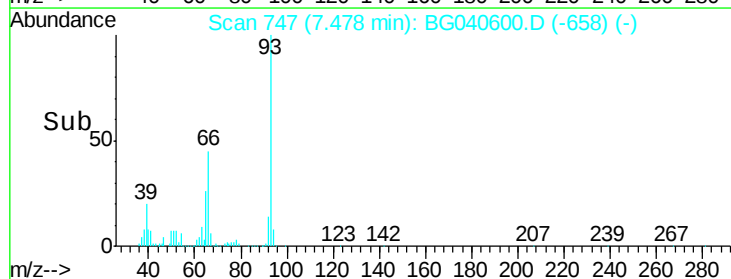
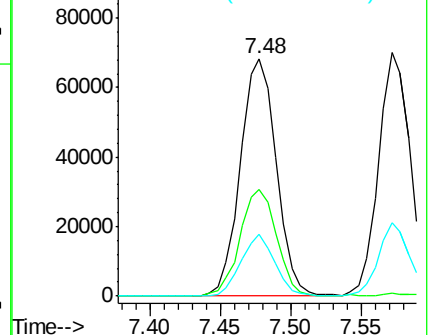
65 26.3 19.2 28.8



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: 134.972 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampled :

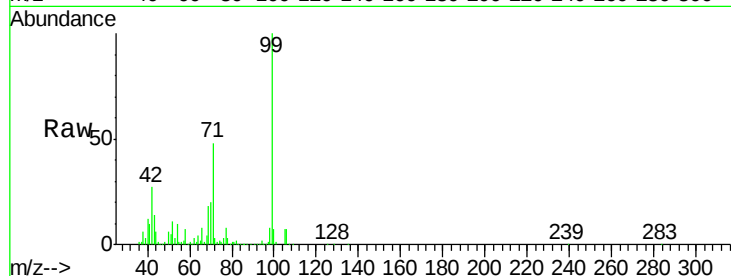
Tot Ion: 99 Resp: 464524

Ion Ratio Lower Upper

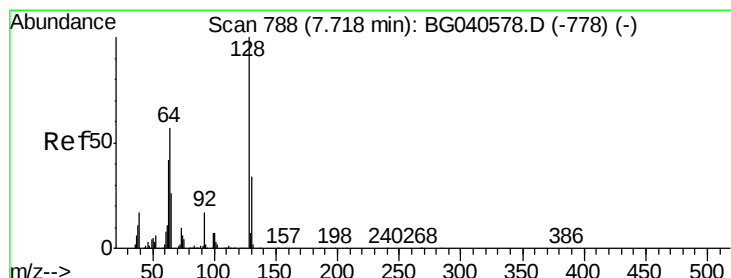
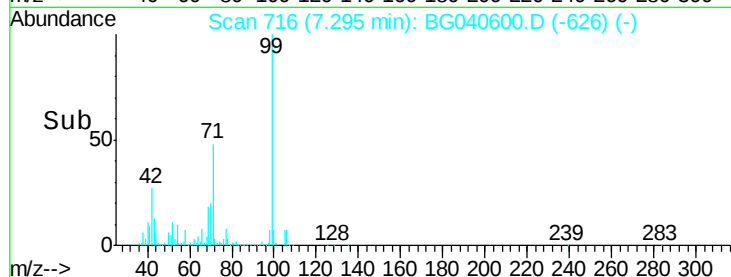
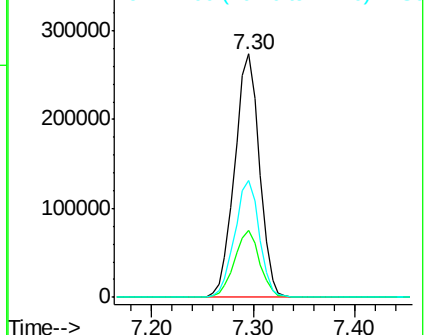
99 100

42 27.3 21.8 32.8

71 48.0 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: 43.713 ng

RT: 7.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

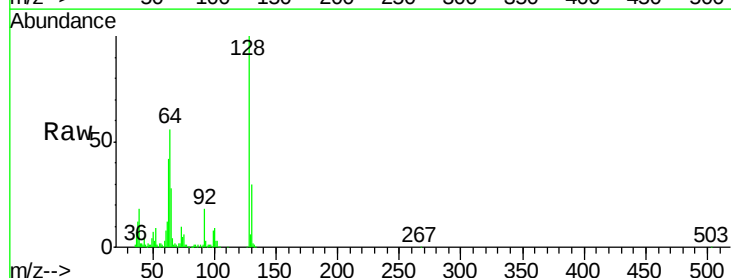
Tgt Ion: 128 Resp: 119308

Ion Ratio Lower Upper

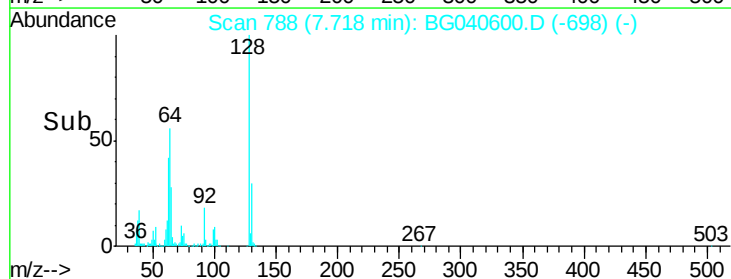
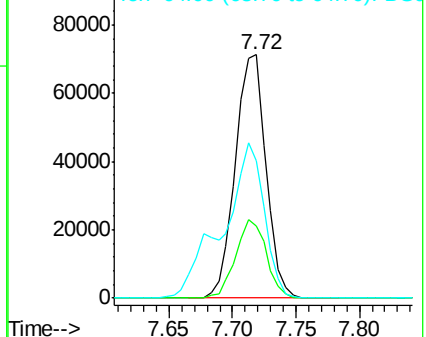
128 100

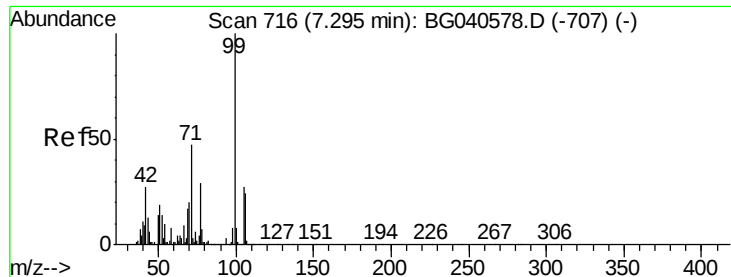
130 29.7 14.5 54.5

64 56.4 38.4 78.4



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





#9

Benzaldehyde

Concen: 15.815 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

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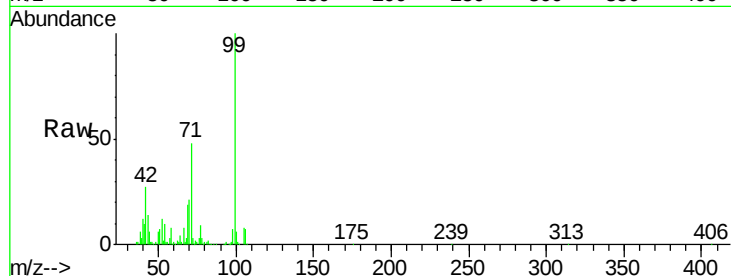
Tot Ion: 77 Resp: 41328

Ion Ratio Lower Upper

77 100

105 83.7 72.0 112.0

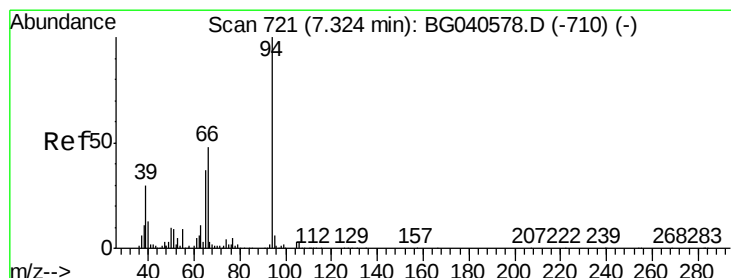
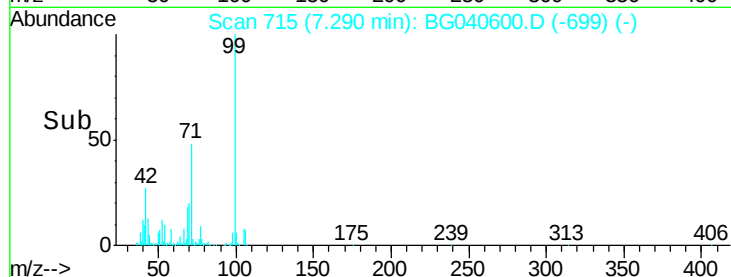
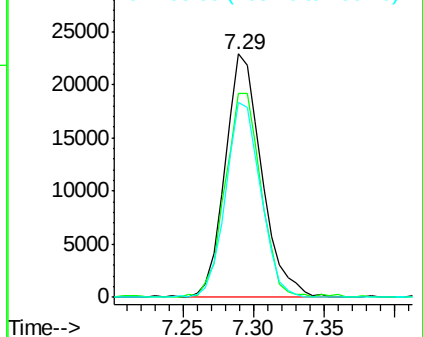
106 79.9 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.968 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

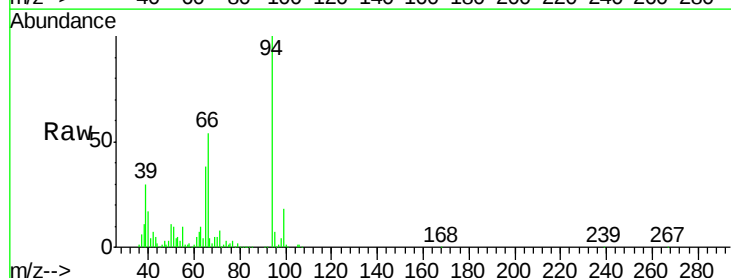
Tgt Ion: 94 Resp: 162664

Ion Ratio Lower Upper

94 100

65 37.6 17.0 57.0

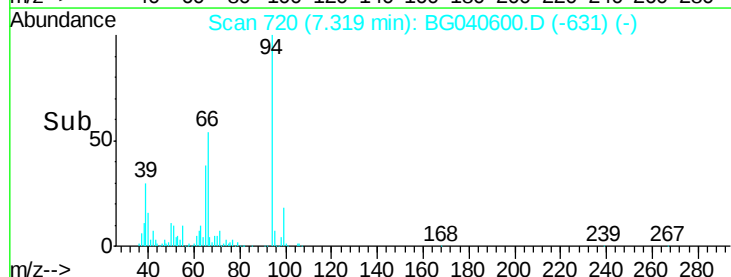
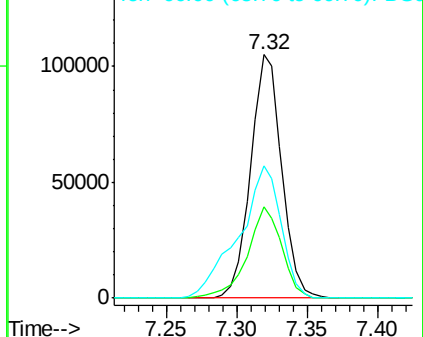
66 54.2 28.6 68.6

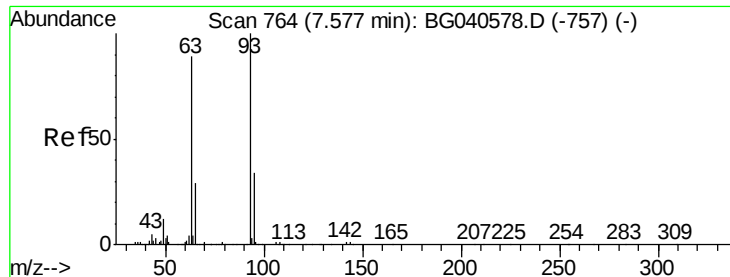


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

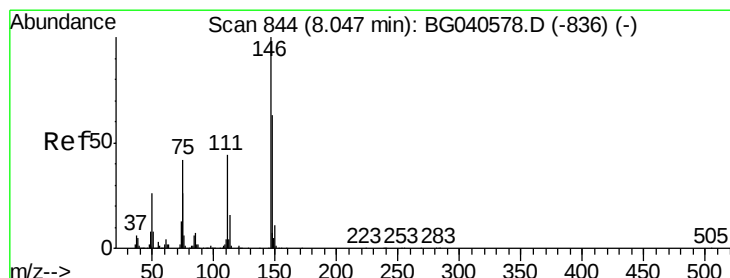
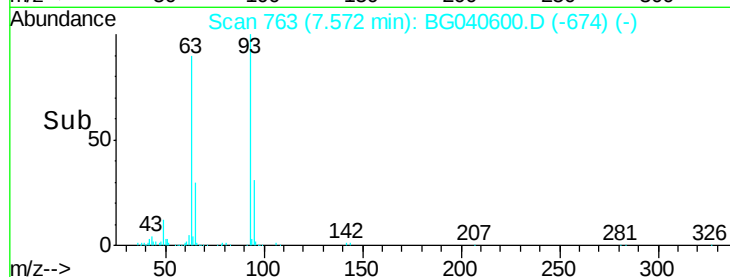
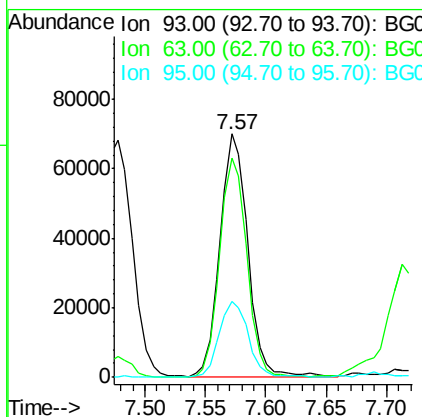
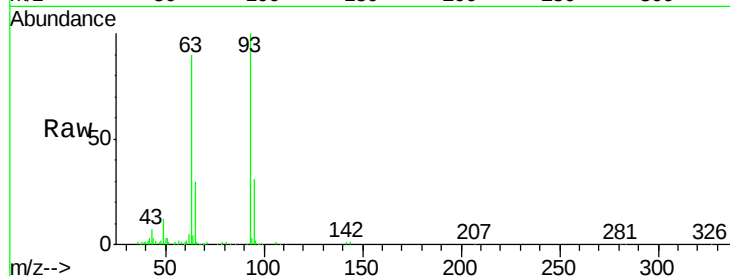




#11
bis(2-Chloroethyl)ether
Concen: 40.027 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

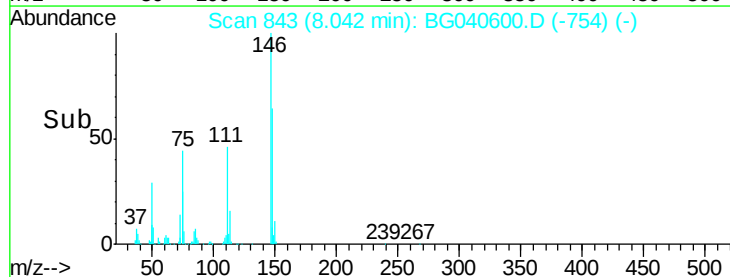
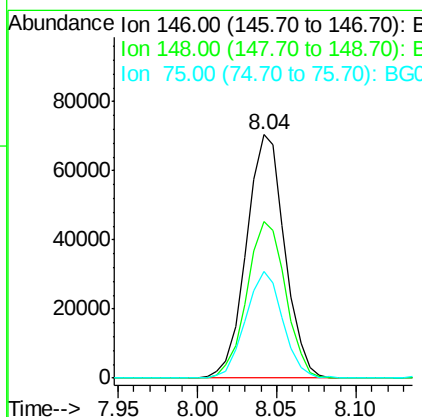
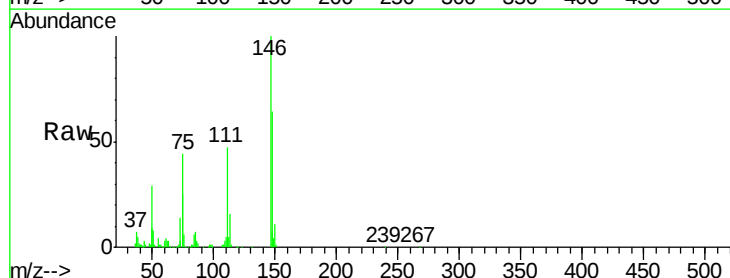
Instrument :
BNA_G
ClientSampled :

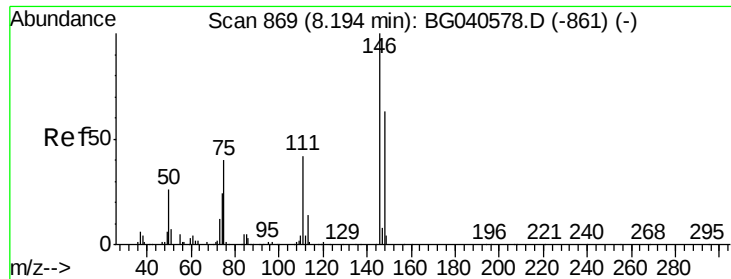
Tot Ion: 93 Resp: 111044
Ion Ratio Lower Upper
93 100
63 90.1 68.2 108.2
95 31.0 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 39.571 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Tgt Ion: 146 Resp: 117882
Ion Ratio Lower Upper
146 100
148 64.3 50.7 76.1
75 43.7 33.4 50.2

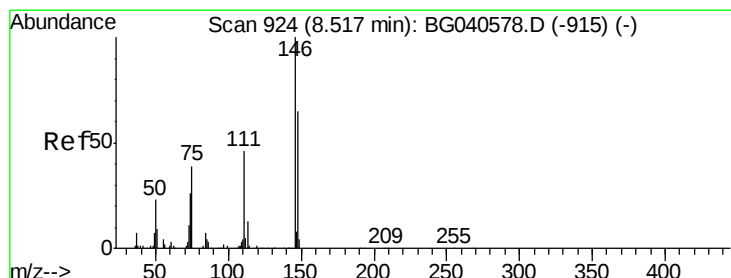
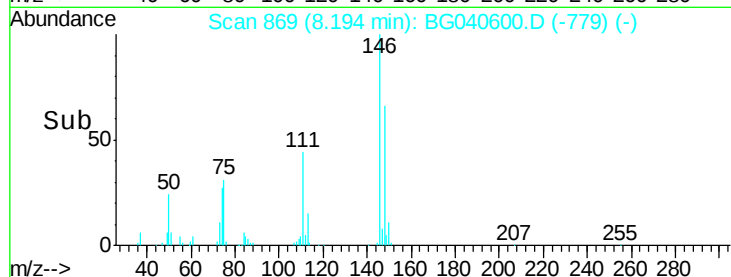
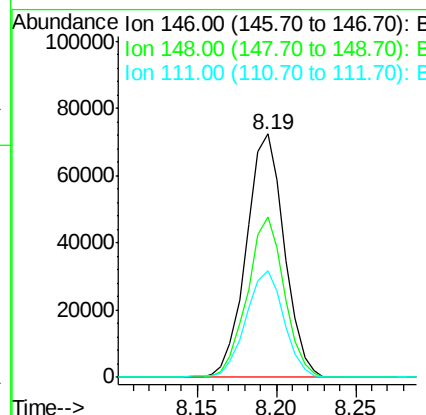
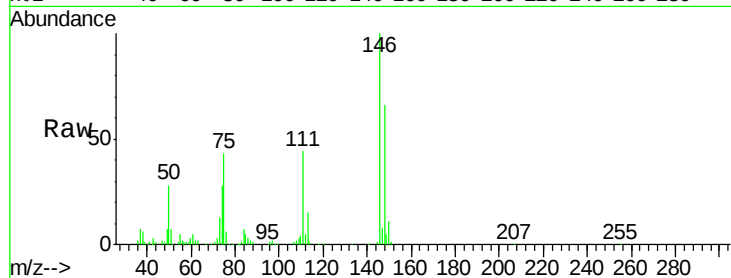




#13
 1,4-Dichlorobenzene
 Concen: 39.786 ng
 RT: 8.19 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

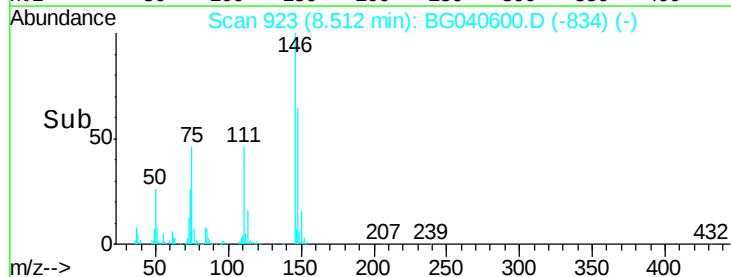
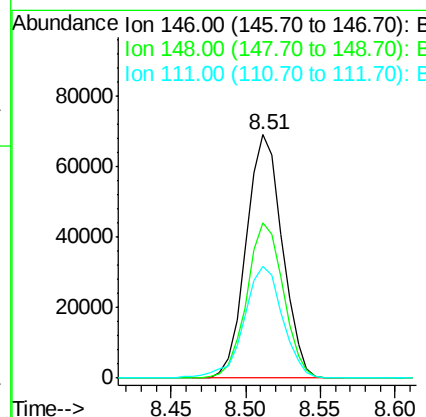
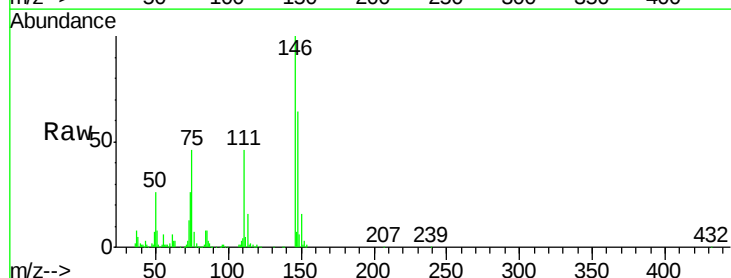
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.6	75.8
111	43.9	34.3	51.5



#14
 1,2-Dichlorobenzene
 Concen: 39.554 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.4
111	46.2	37.4	56.0





#15

Benzyl Alcohol

Concen: 38.806 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampled :

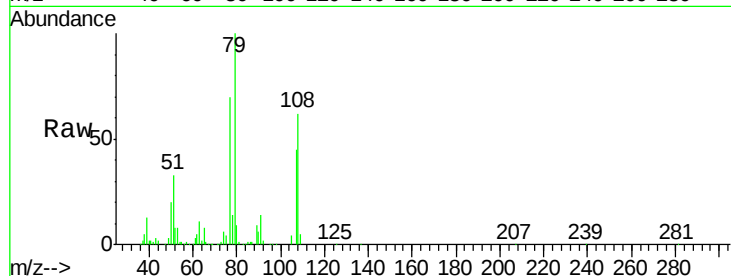
Tot Ion: 79 Resp: 138967

Ion Ratio Lower Upper

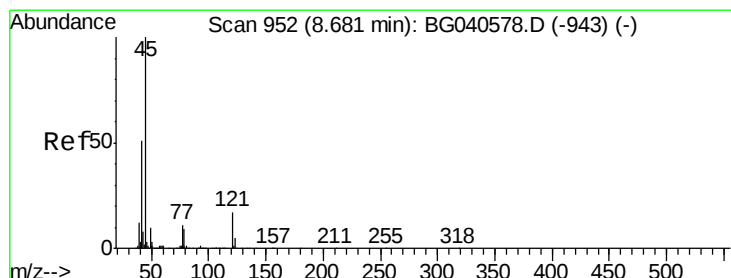
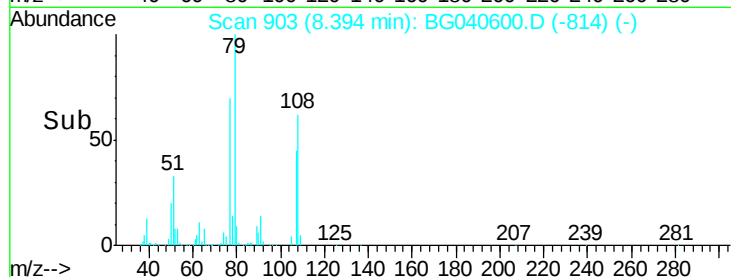
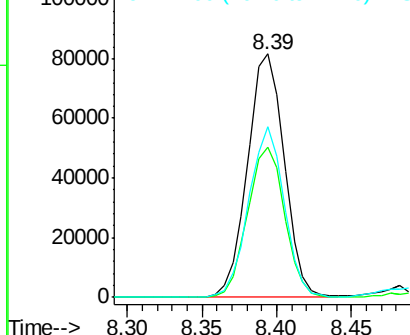
79 100

108 61.8 51.4 77.0

77 70.3 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'-oxybis(1-chloropropane)

Concen: 38.078 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

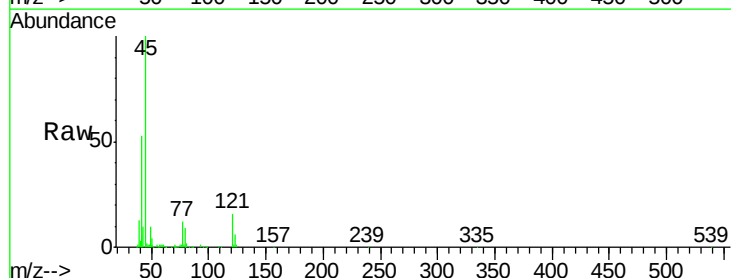
Tgt Ion: 45 Resp: 210317

Ion Ratio Lower Upper

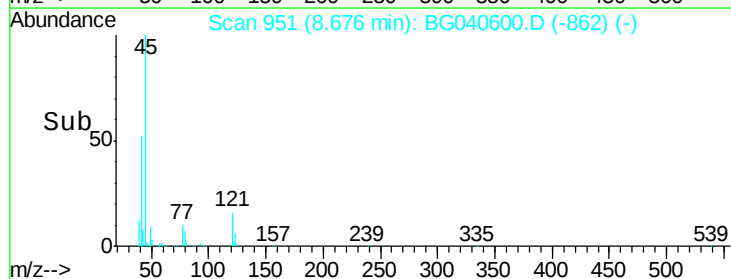
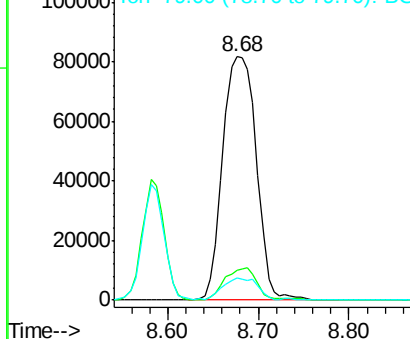
45 100

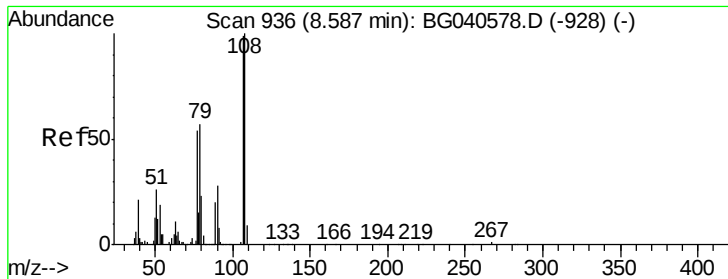
77 12.2 0.0 31.5

79 8.9 0.0 29.4



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

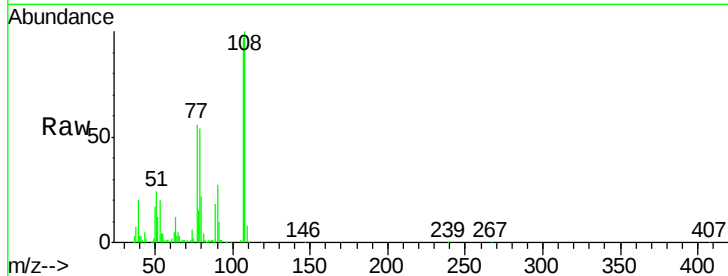




#17
2-Methylphenol
Concen: 42.155 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	103.2	81.2	121.8
77	57.6	44.4	66.6
79	55.5	47.0	70.4



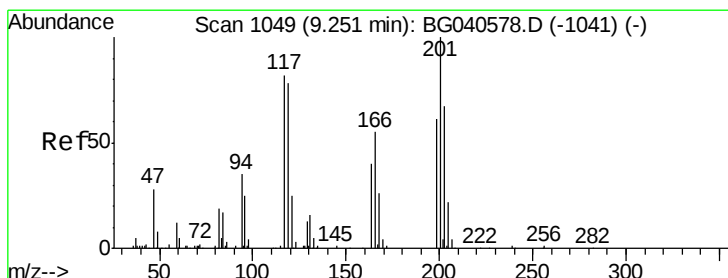
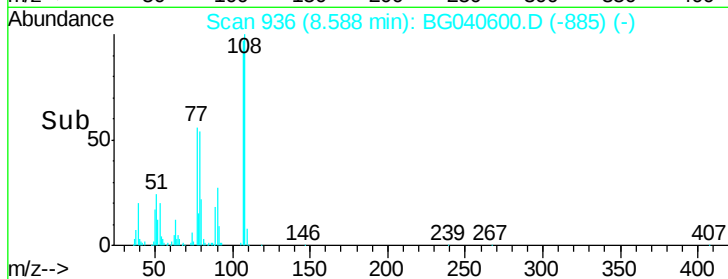
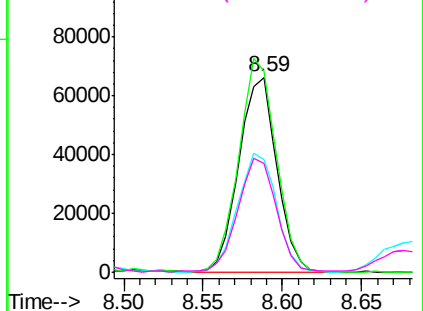
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

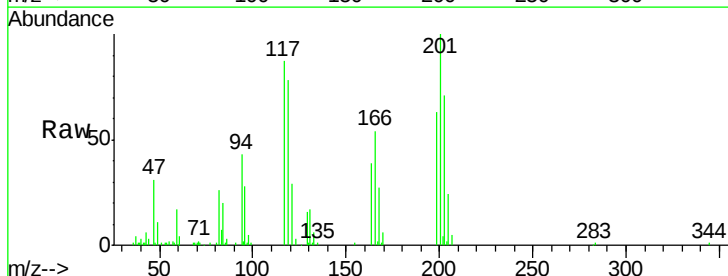
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.895 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.5	76.6	114.8
201	119.3	101.0	151.6

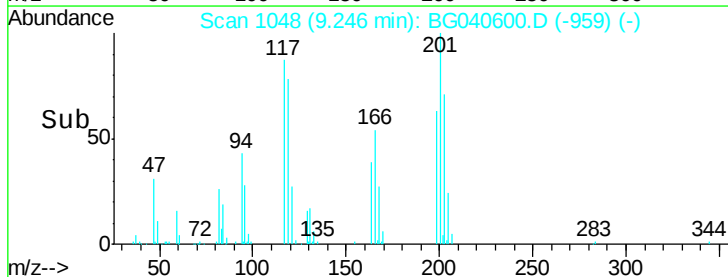
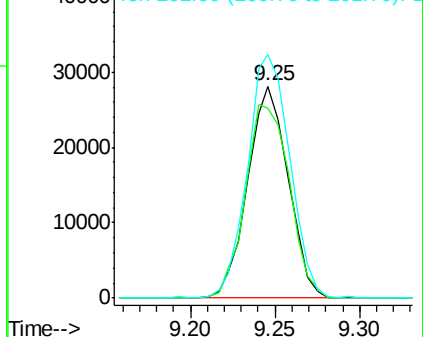


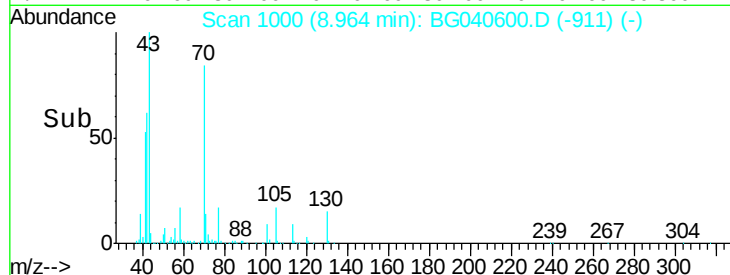
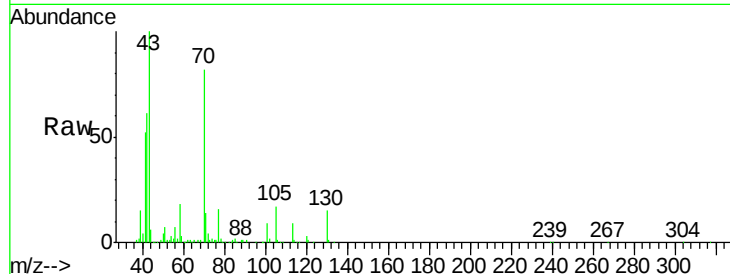
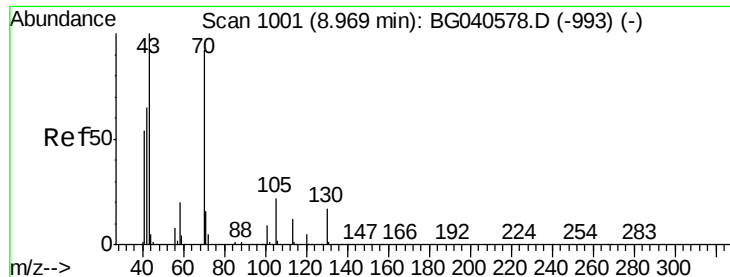
Abundance

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

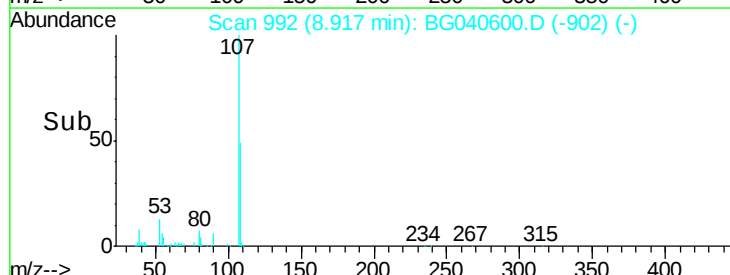
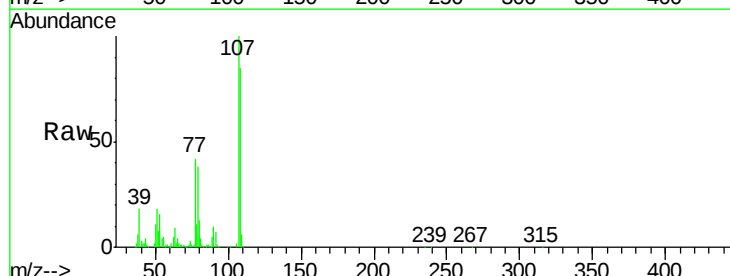
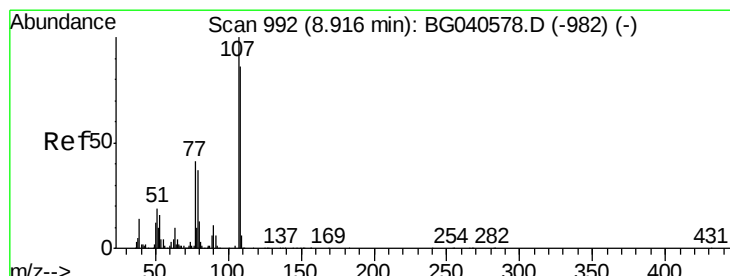
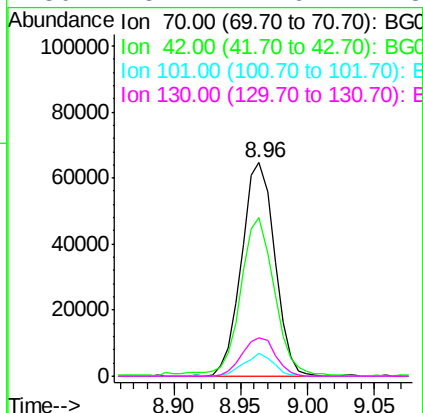




#19
n-Nitroso-di-n-propylamine
Concen: 35.844 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

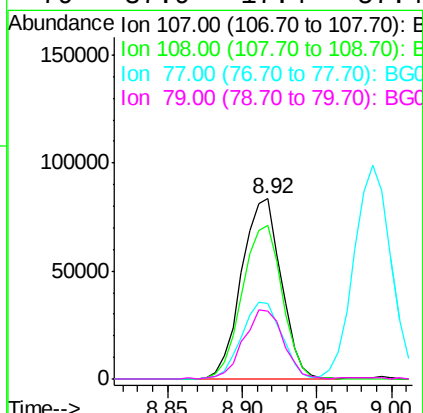
Instrument :
BNA_G
ClientSampleId :

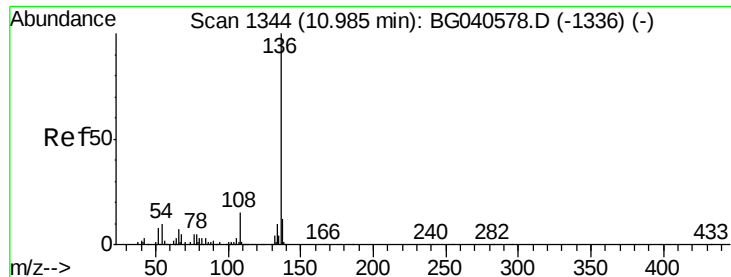
Tot Ion:	70	Resp:	111048
Ion	Ratio	Lower	Upper
70	100		
42	74.5	57.1	85.7
101	10.7	7.8	11.8
130	18.1	14.6	21.8



#20
3+4-Methylphenols
Concen: 42.116 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Tgt Ion:	107	Resp:	153607
Ion	Ratio	Lower	Upper
107	100		
108	85.3	66.1	106.1
77	42.1	21.6	61.6
79	37.9	17.4	57.4

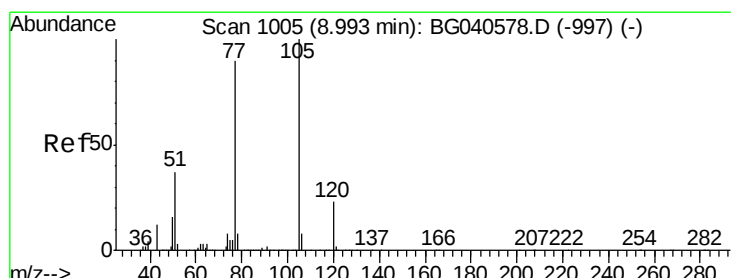
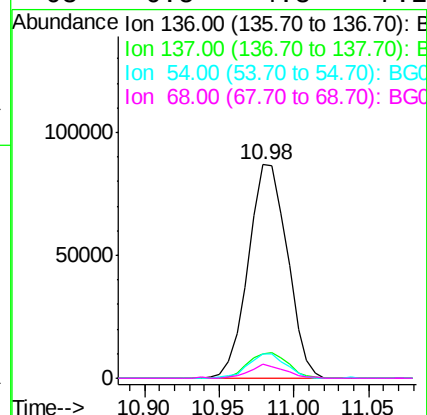
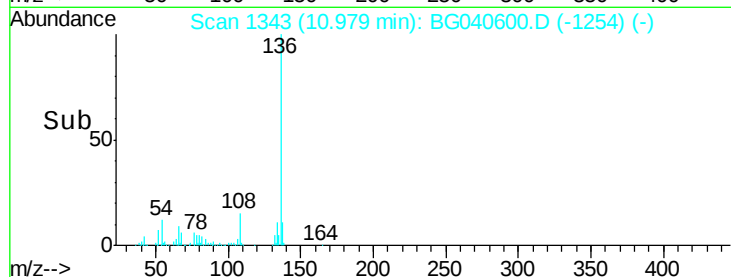
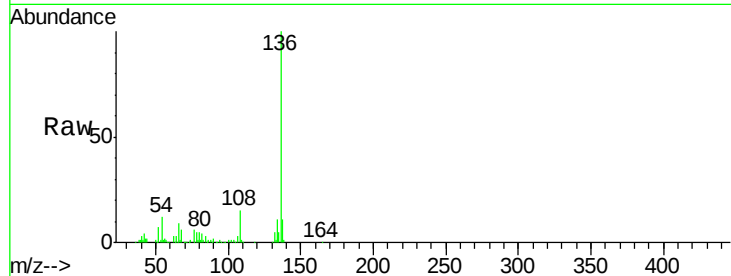




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

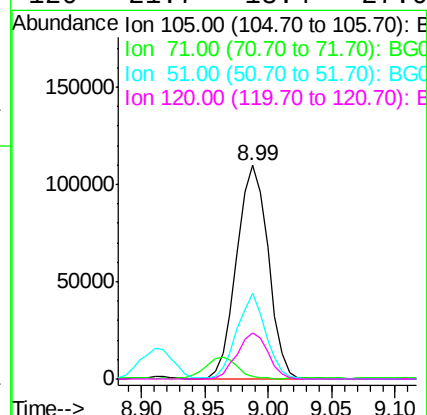
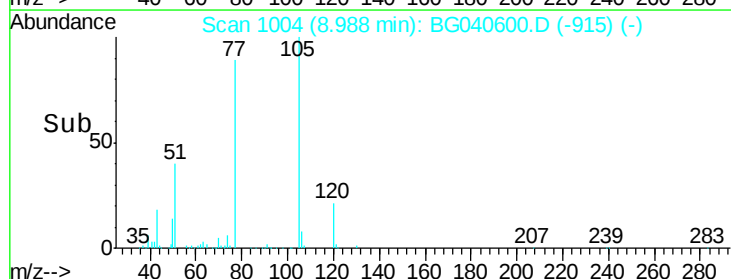
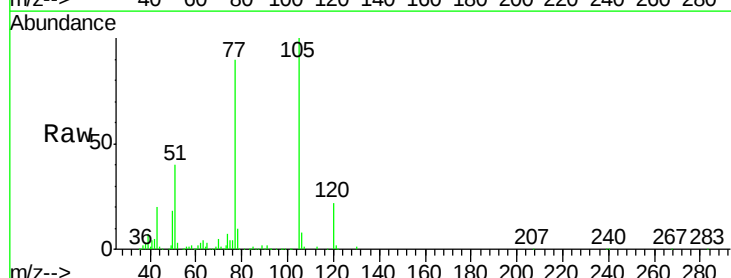
Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	157185
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.7 14.5
54	11.6	8.6 12.8
68	6.5	4.8 7.2



#22
Acetophenone
Concen: 43.423 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Tgt Ion:105	Resp:	189797
Ion Ratio	Lower	Upper
105	100	
71	1.5	1.8 2.8#
51	40.3	29.8 44.8
120	21.7	18.4 27.6

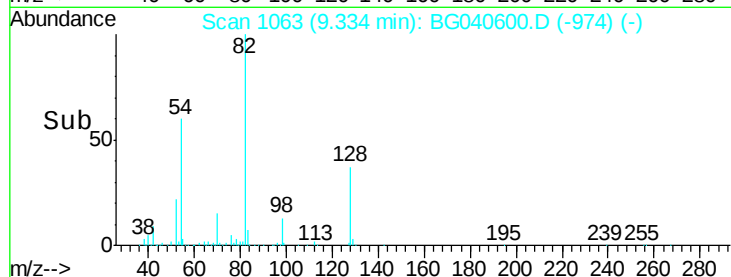
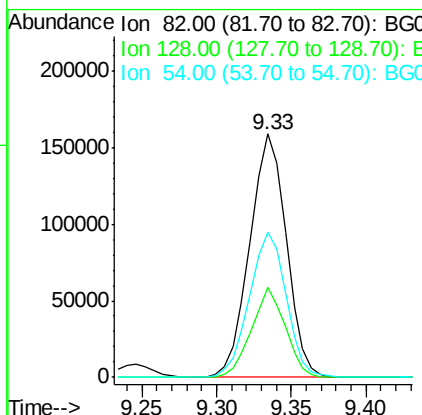
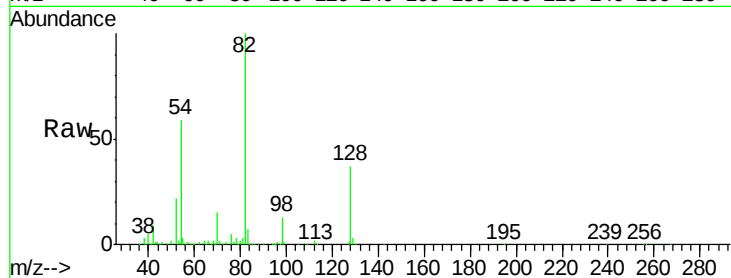




#23
Nitrobenzene-d5
Concen: 78.848 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

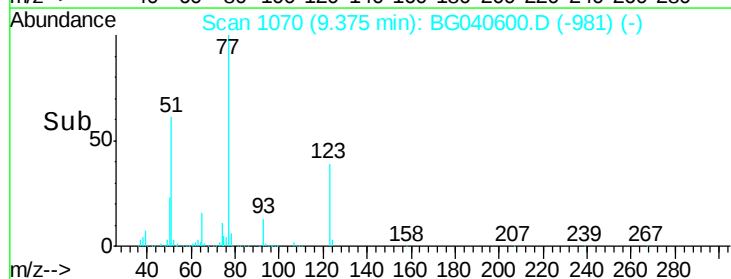
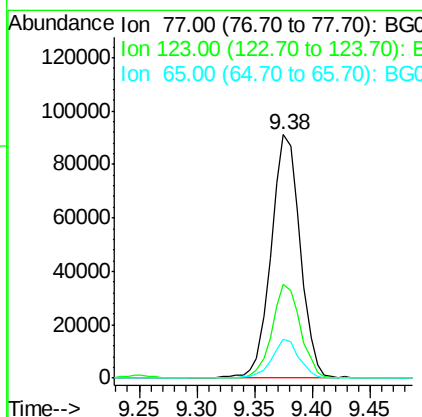
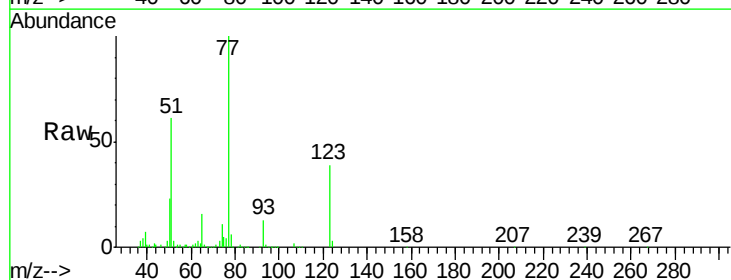
Instrument :
BNA_G
ClientSampleId :

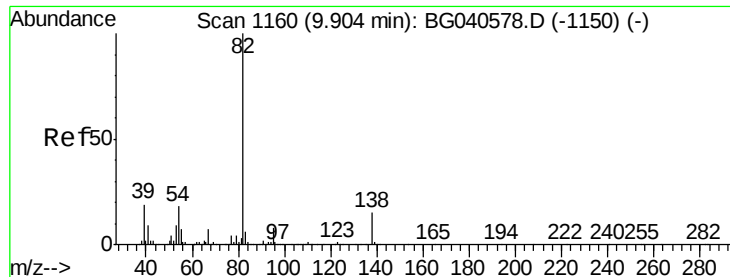
Tot Ion	82	Resp	268227
Ion Ratio	100	Lower	Upper
128	36.8	28.9	43.3
54	59.5	47.2	70.8



#24
Nitrobenzene
Concen: 43.901 ng
RT: 9.38 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Tgt Ion	77	Resp	159342
Ion Ratio	100	Lower	Upper
123	38.6	27.8	41.6
65	15.7	12.4	18.6





#25

Isophorone

Concen: 40.849 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

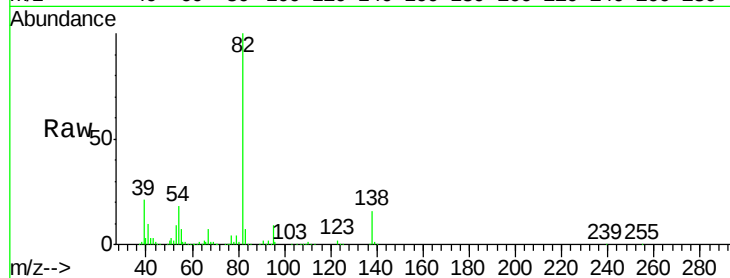
Tot Ion: 82 Resp: 309532

Ion Ratio Lower Upper

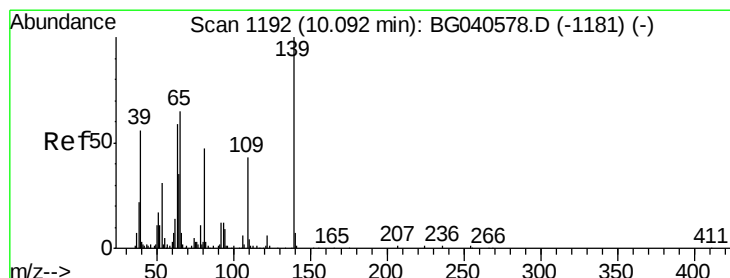
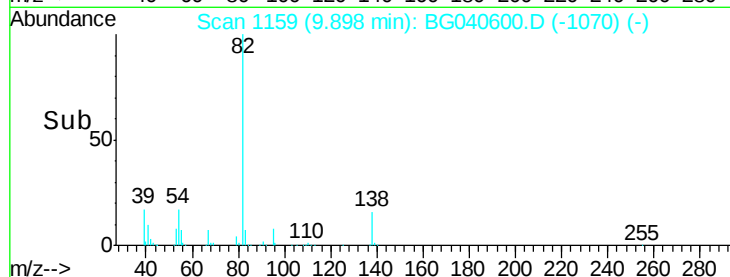
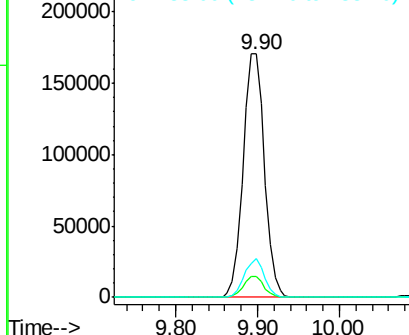
82 100

95 8.5 6.9 10.3

138 16.0 12.3 18.5



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



#26

2-Nitrophenol

Concen: 45.564 ng

RT: 10.09 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

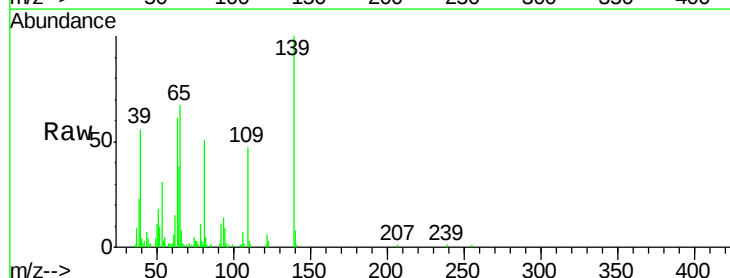
Tgt Ion: 139 Resp: 59280

Ion Ratio Lower Upper

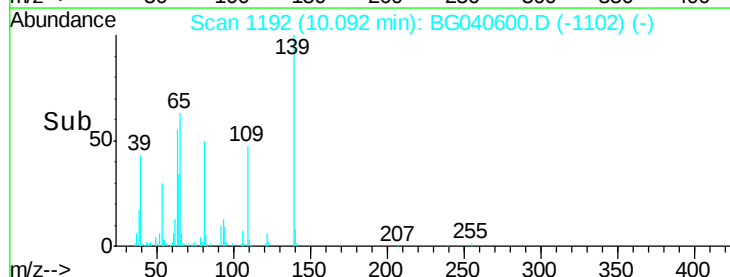
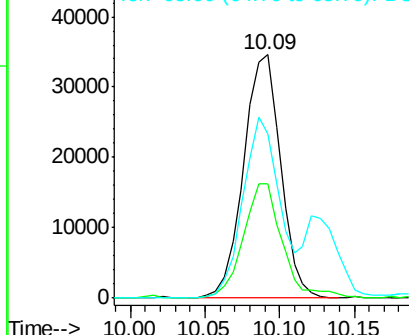
139 100

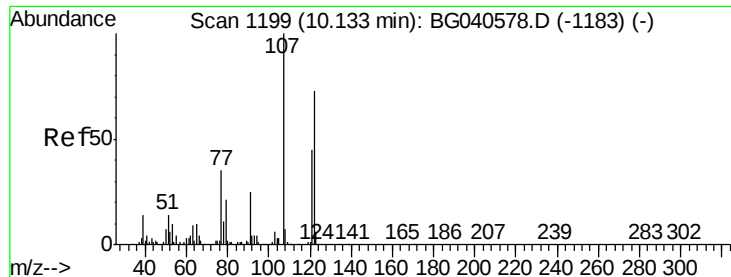
109 46.8 35.6 53.4

65 67.4 52.3 78.5



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

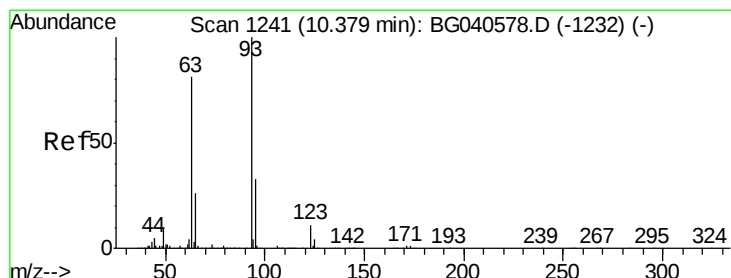
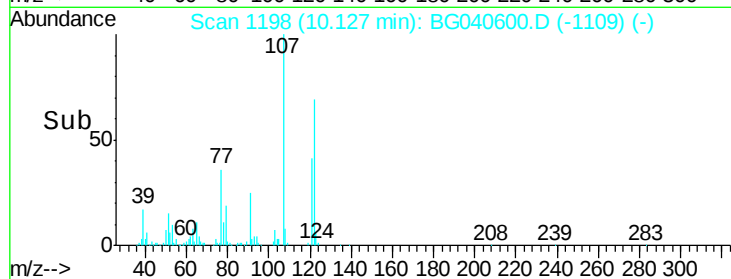
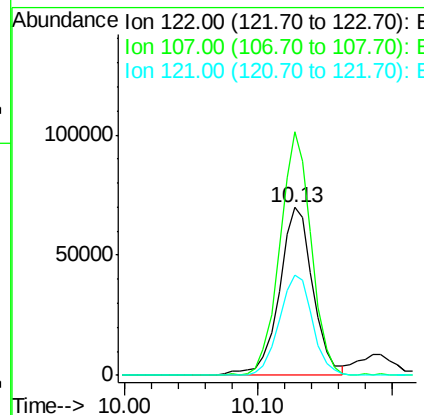
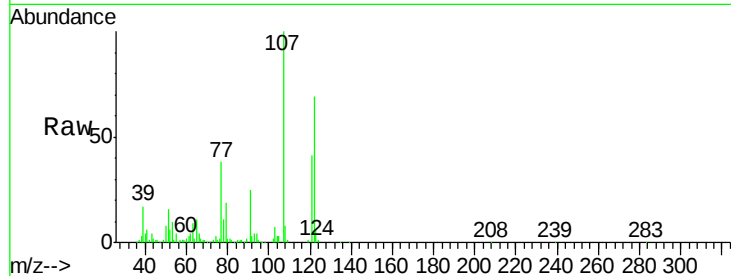




#27
 2,4-Dimethylphenol
 Concen: 50.352 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

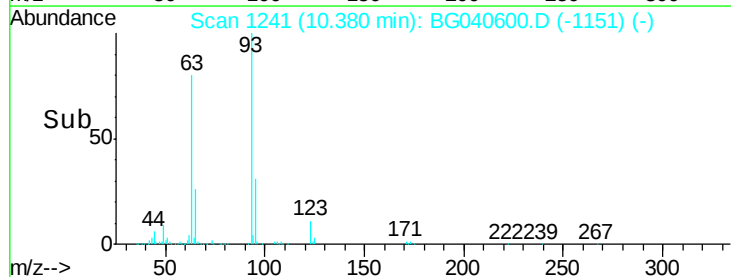
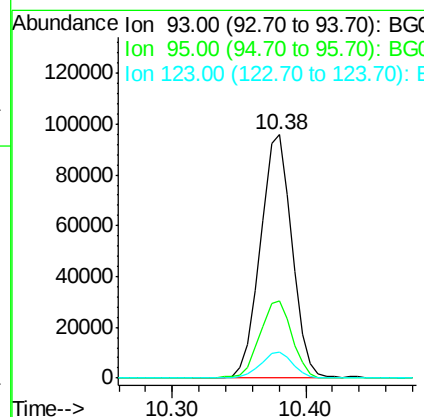
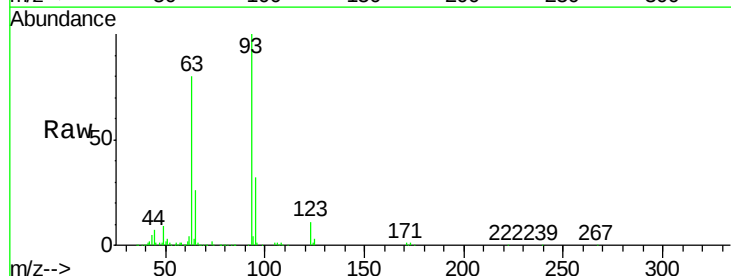
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	145.2	110.1	165.1
121	59.9	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.153 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.6	40.0
123	10.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 46.846 ng

RT: 10.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

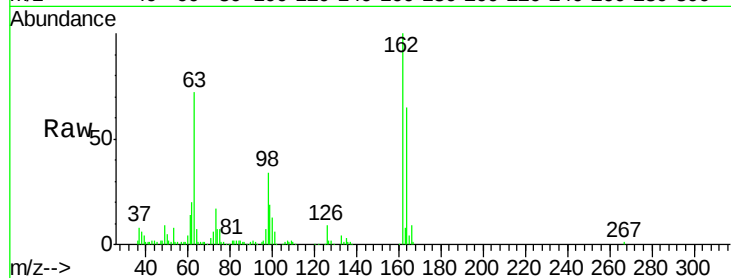
Tot Ion:162 Resp: 130007

Ion Ratio Lower Upper

162 100

164 65.2 38.9 78.9

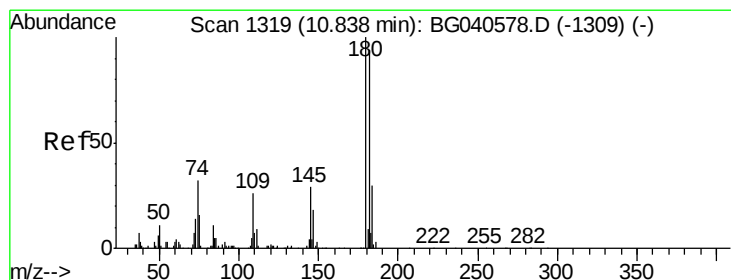
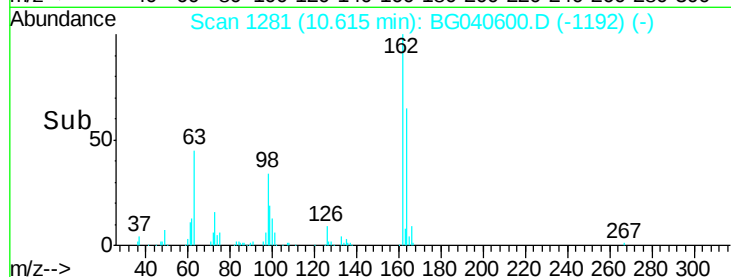
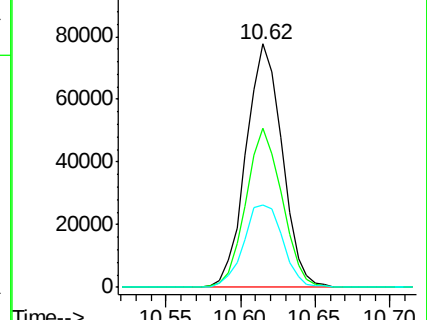
98 33.8 16.8 56.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.388 ng

RT: 10.84 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

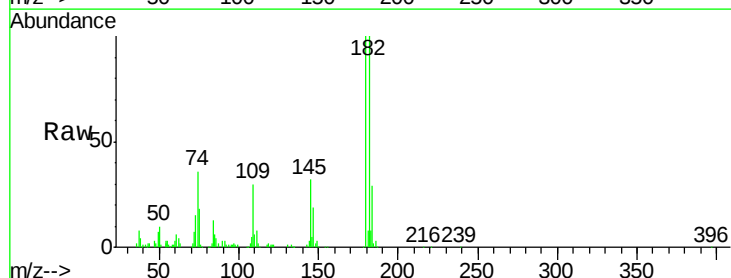
Tgt Ion:180 Resp: 130450

Ion Ratio Lower Upper

180 100

182 99.6 75.2 112.8

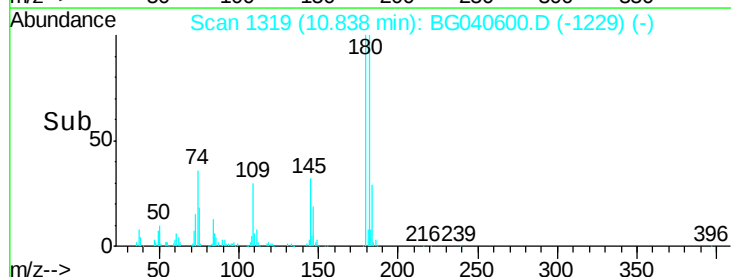
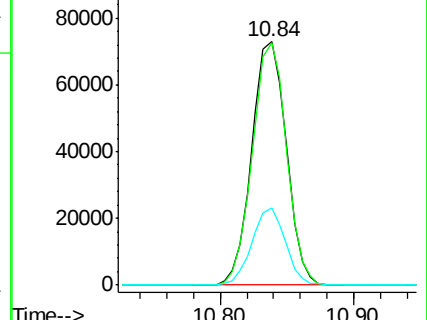
145 31.8 23.6 35.4



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

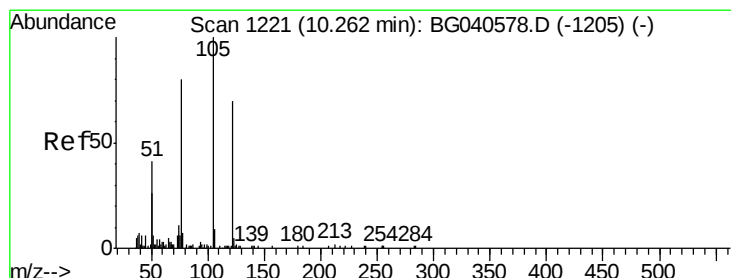
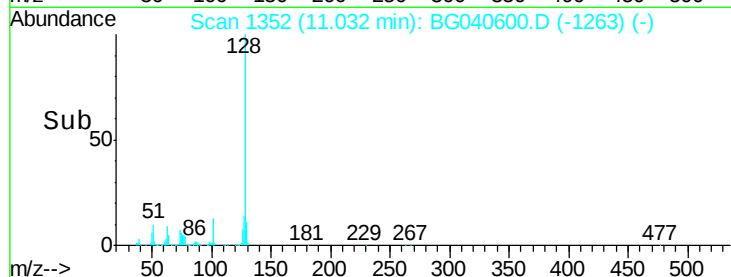
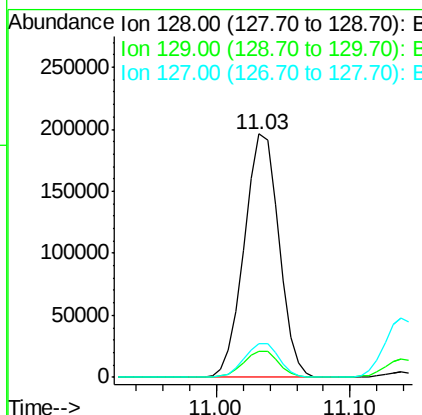
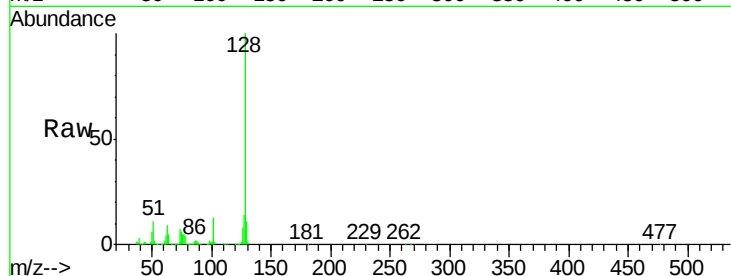




#31
Naphthalene
Concen: 42.172 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

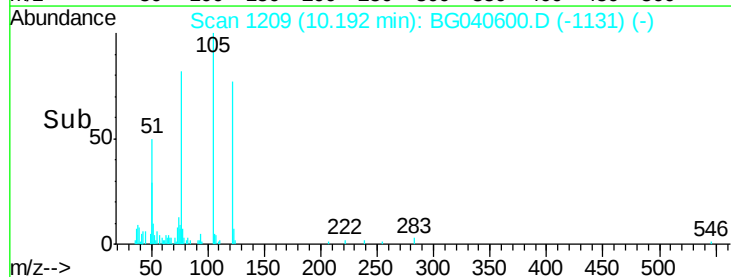
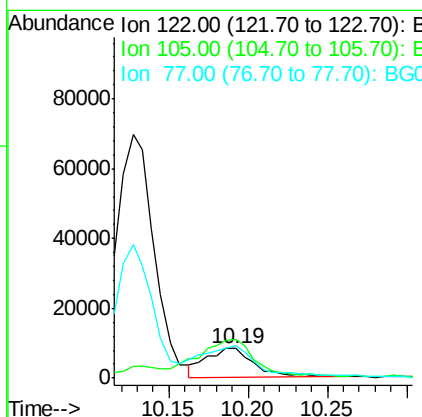
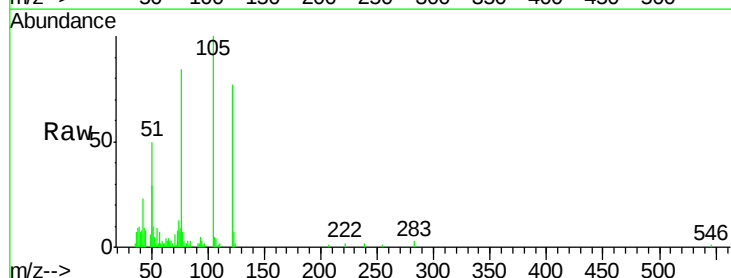
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	14.1	11.3	16.9



#32
Benzoic acid
Concen: 10.306 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.07 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.1	110.9	150.9
77	108.7	87.6	127.6

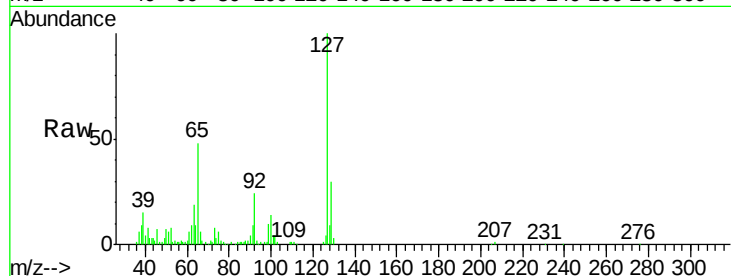




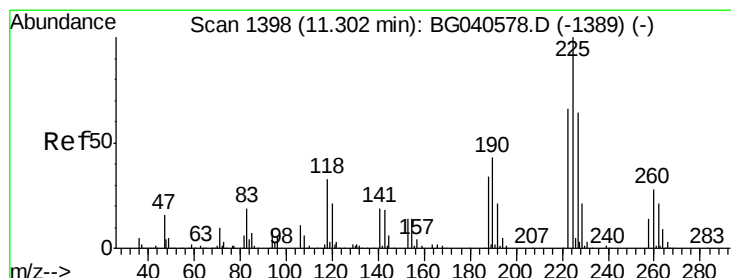
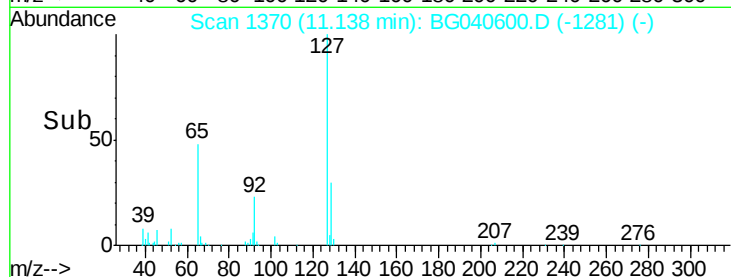
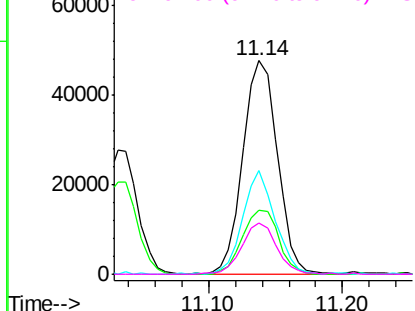
#33
4-Chloroaniline
Concen: 23.149 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	85711
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.7	38.5
65	48.4	36.1	54.1
92	24.0	20.1	30.1

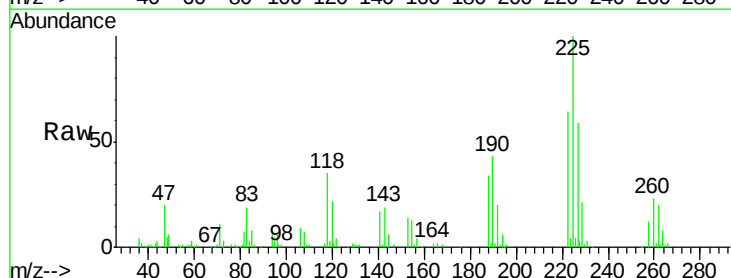


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

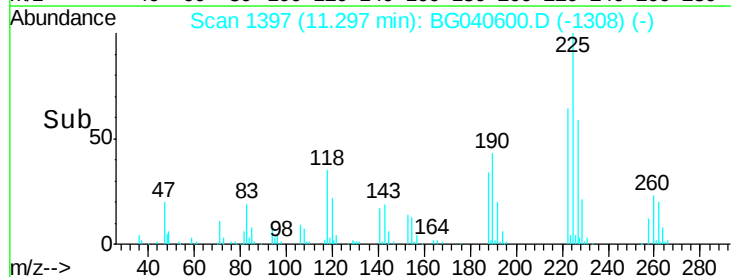
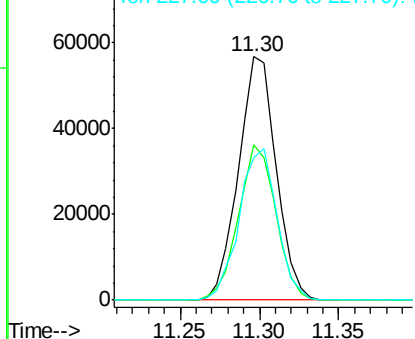


#34
Hexachlorobutadiene
Concen: 41.360 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Tgt Ion:	225	Resp:	93971
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.4	75.6
227	61.9	51.0	76.6



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

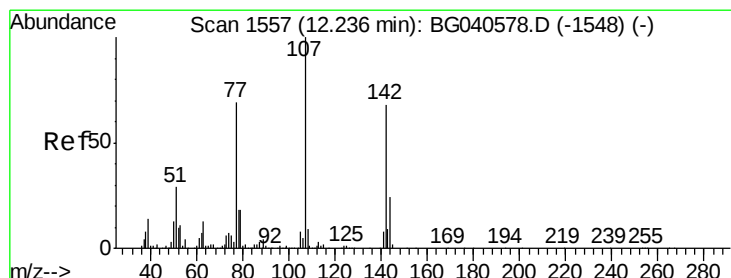
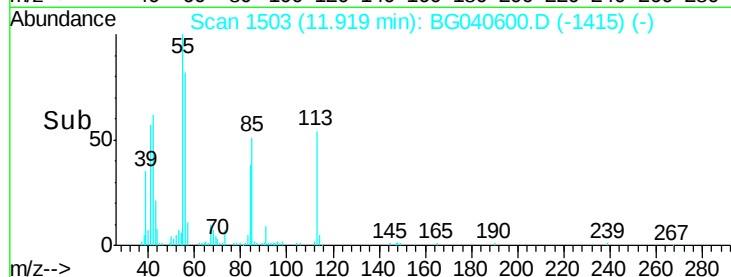
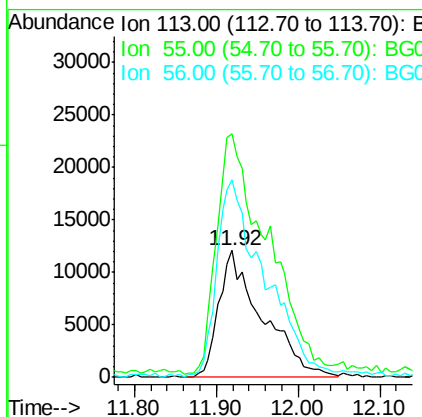
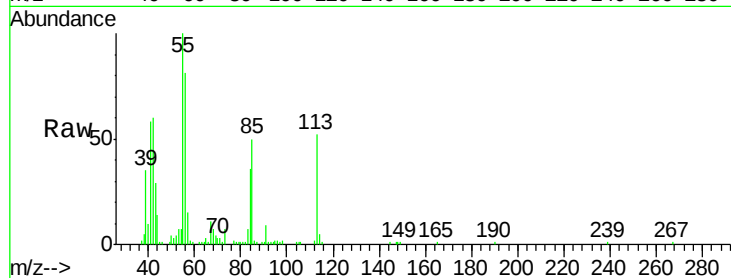




#35
 Caprolactam
 Concen: 40.836 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

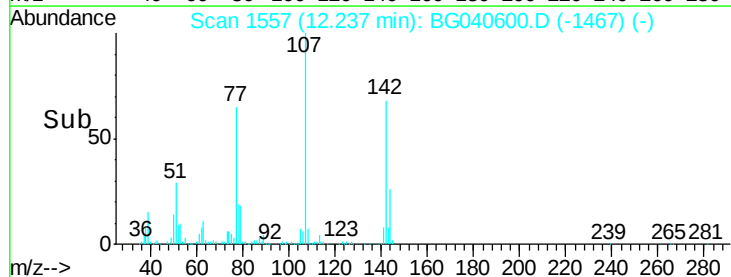
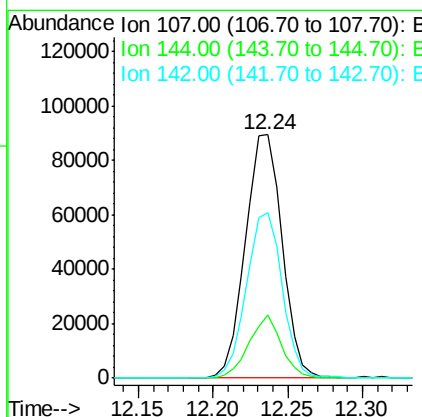
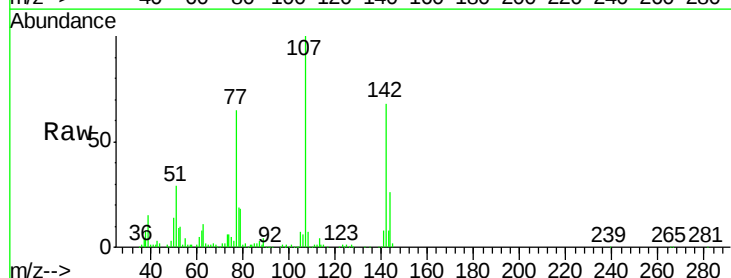
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 44743
 Ion Ratio Lower Upper
 113 100
 55 192.3 198.6 238.6#
 56 155.5 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.535 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

Tgt Ion:107 Resp: 152413
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.3 28.9
 142 67.8 54.6 81.8

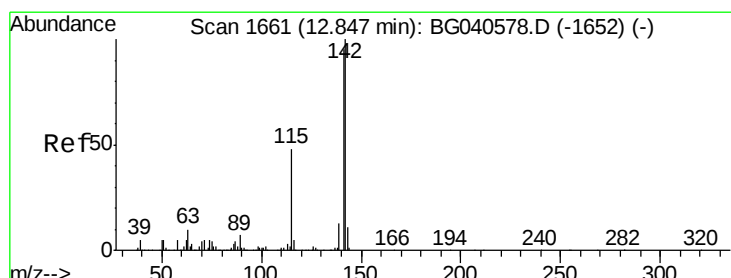
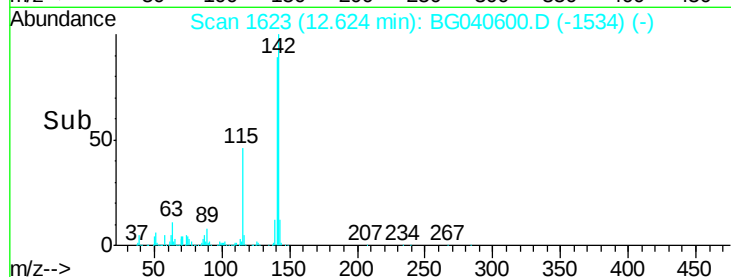
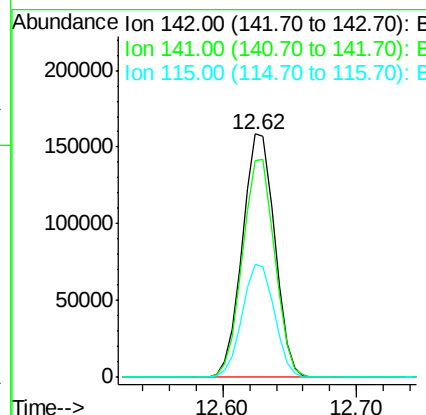
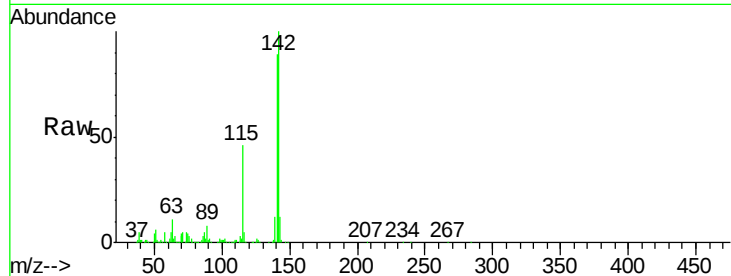




#37
2-Methylnaphthalene
Concen: 42.594 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

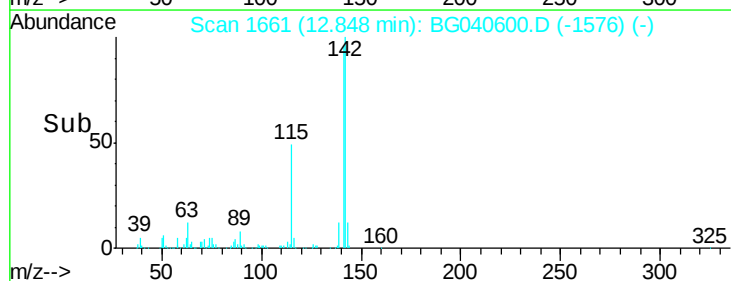
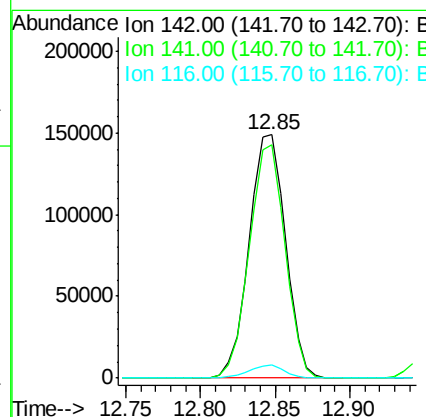
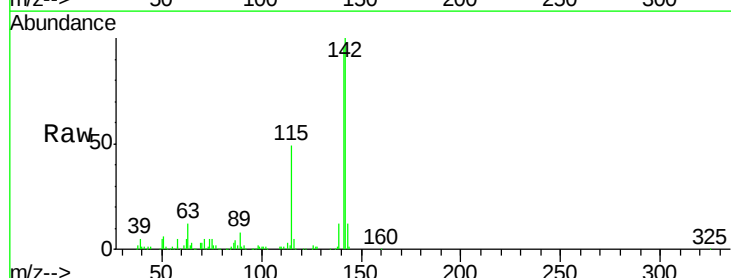
Instrument :
BNA_G
ClientSampleId :

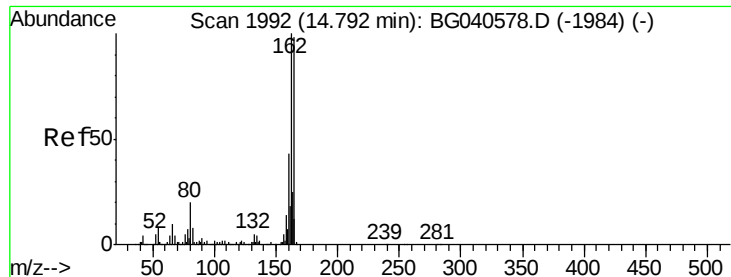
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.4	110.2
115	46.2	36.2	54.4



#38
1-Methylnaphthalene
Concen: 40.990 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.9	113.9
116	5.4	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampled :

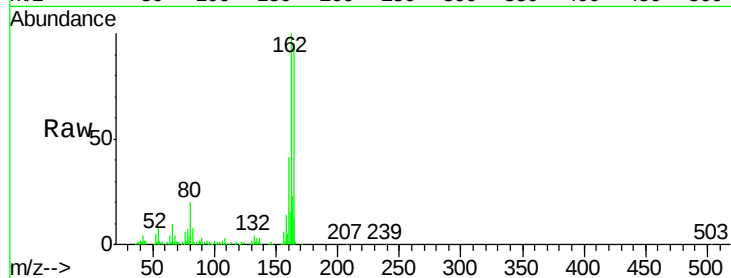
Tot Ion:164 Resp: 106035

Ion Ratio Lower Upper

164 100

162 105.2 81.9 122.9

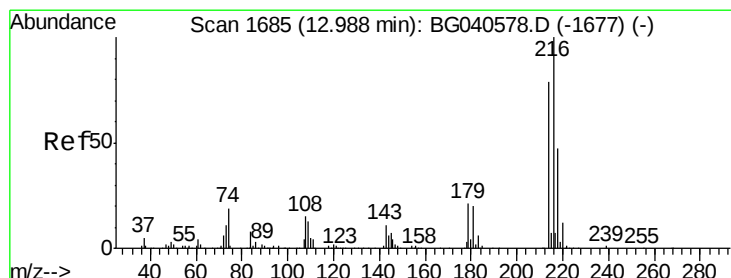
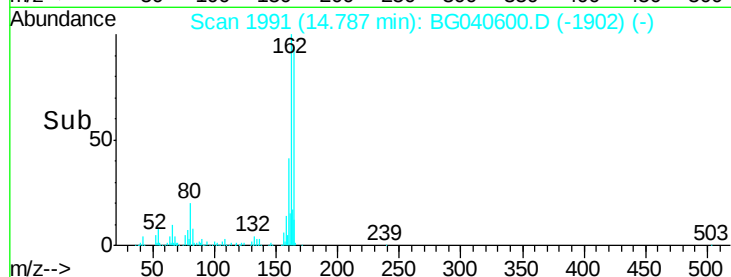
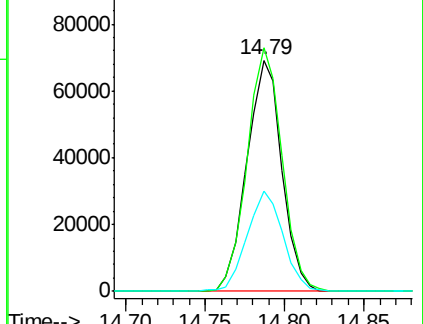
160 43.5 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.158 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Tgt Ion:216 Resp: 170476

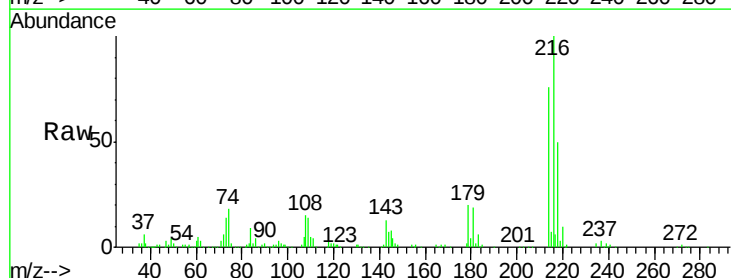
Ion Ratio Lower Upper

216 100

214 76.7 63.7 95.5

179 19.8 16.6 24.8

108 21.7 14.7 22.1

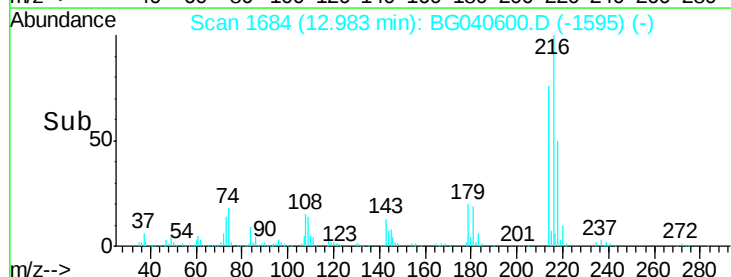
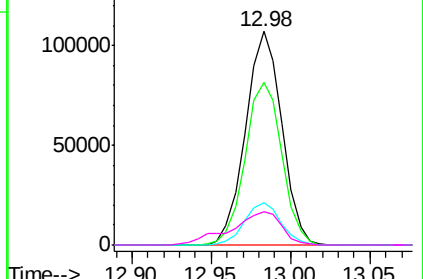


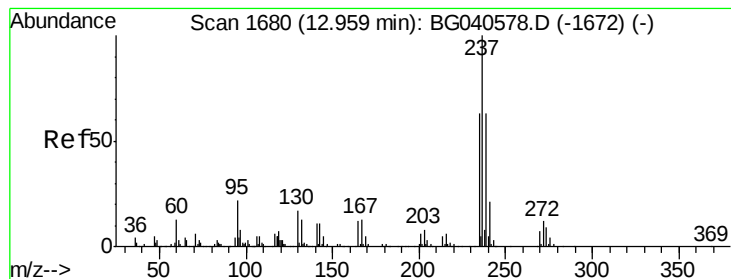
Abundance Ion 216.00 (215.70 to 216.70): E

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: 101.740 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

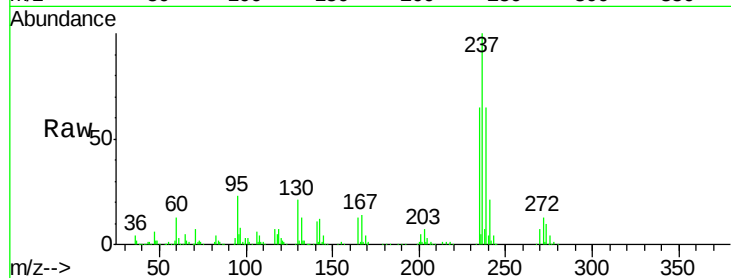
Tot Ion:237 Resp: 237141

Ion Ratio Lower Upper

237 100

235 65.4 42.5 82.5

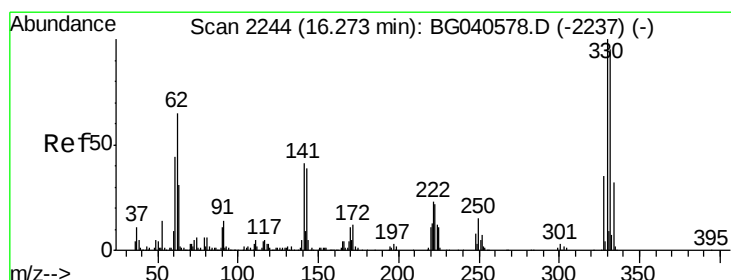
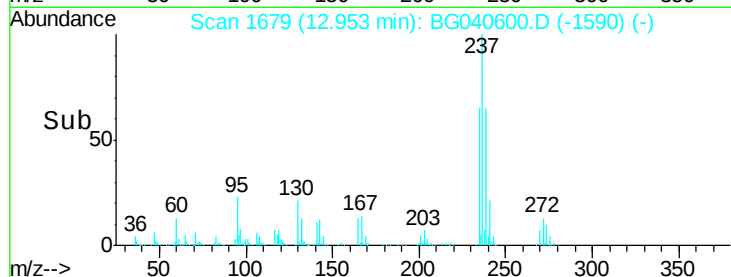
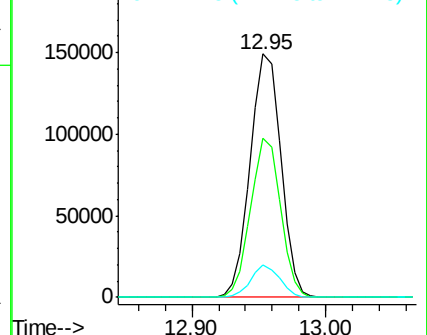
272 13.2 0.0 31.6



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: 132.207 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

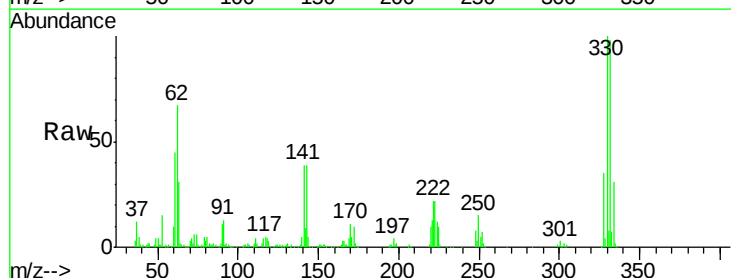
Tgt Ion:330 Resp: 192688

Ion Ratio Lower Upper

330 100

332 96.6 75.9 113.9

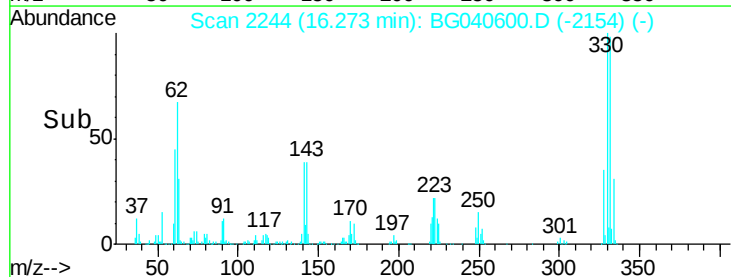
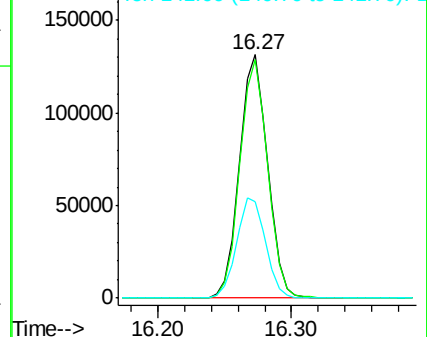
141 42.3 32.4 48.6

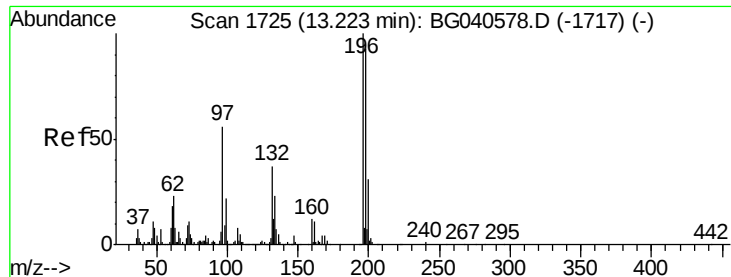


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

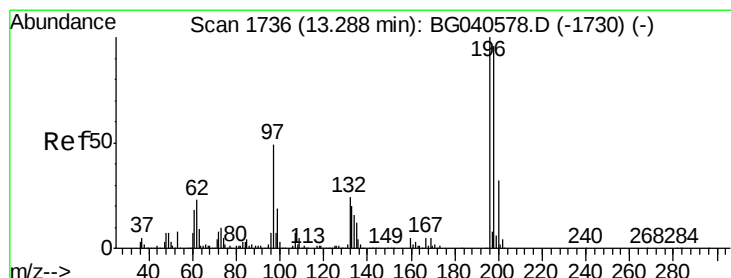
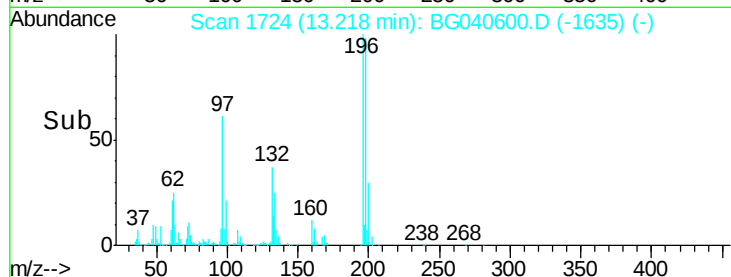
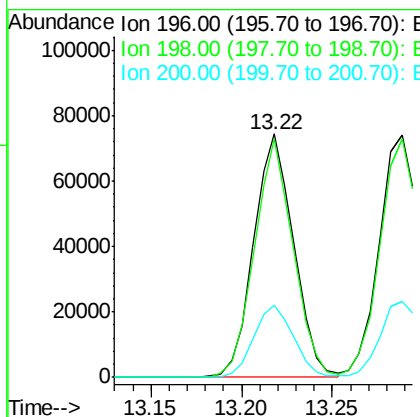
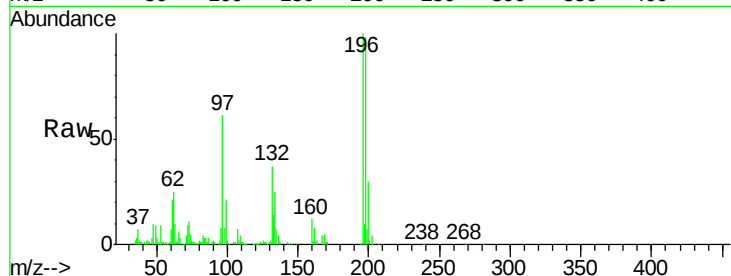




#43
 2,4,6-Trichlorophenol
 Concen: 47.661 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

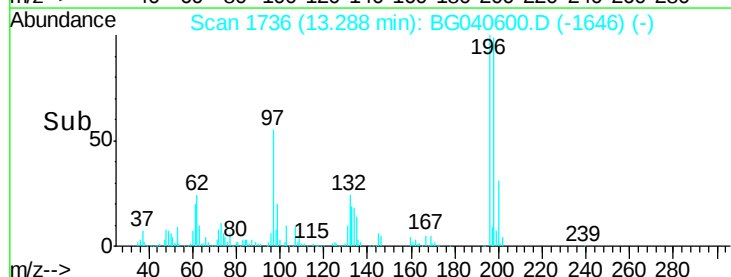
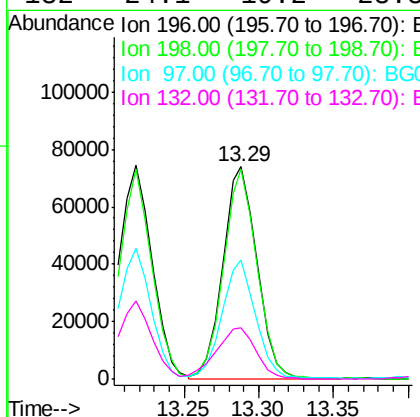
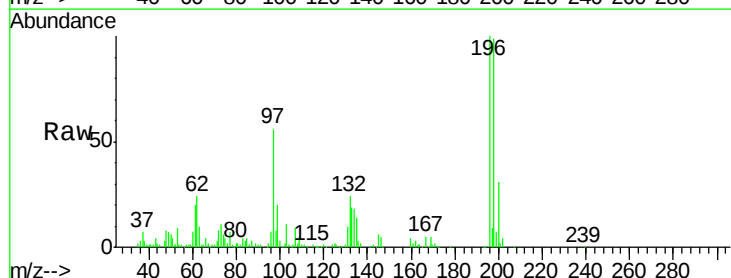
Instrument :
 BNA_G
 ClientSampleId :

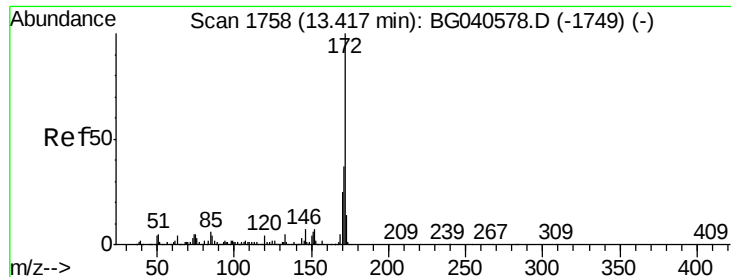
Tot Ion:196 Resp: 113770
 Ion Ratio Lower Upper
 196 100
 198 98.2 74.8 112.2
 200 29.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.600 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

Tgt Ion:196 Resp: 118576
 Ion Ratio Lower Upper
 196 100
 198 98.8 77.0 115.6
 97 56.0 40.0 60.0
 132 24.1 19.2 28.8





#45

2-Fluorobiphenyl

Concen: 75.570 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

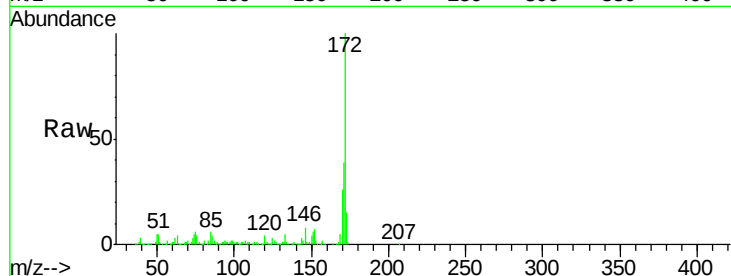
Tot Ion:172 Resp: 554841

Ion Ratio Lower Upper

172 100

171 39.2 29.4 44.2

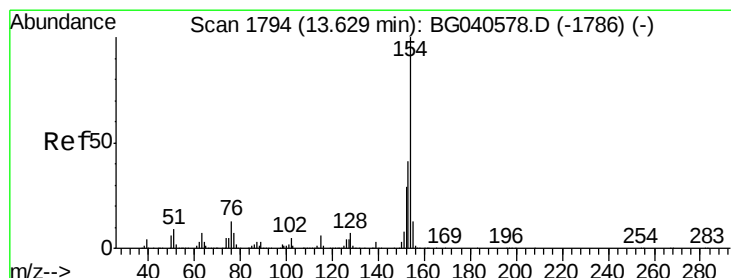
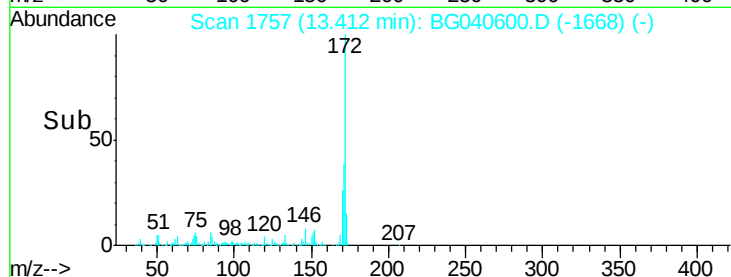
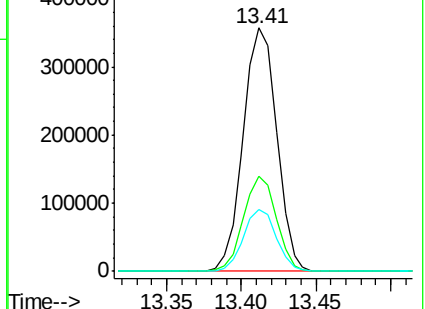
170 25.5 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.255 ng

RT: 13.62 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

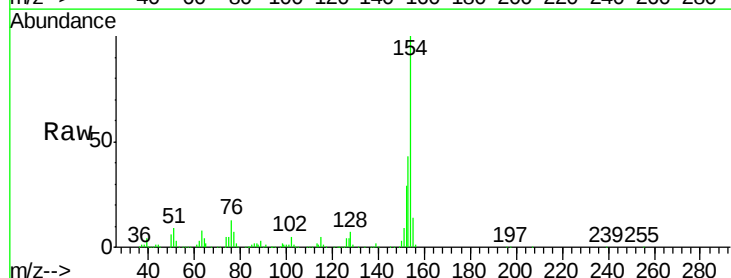
Tgt Ion:154 Resp: 347871

Ion Ratio Lower Upper

154 100

153 43.4 20.5 60.5

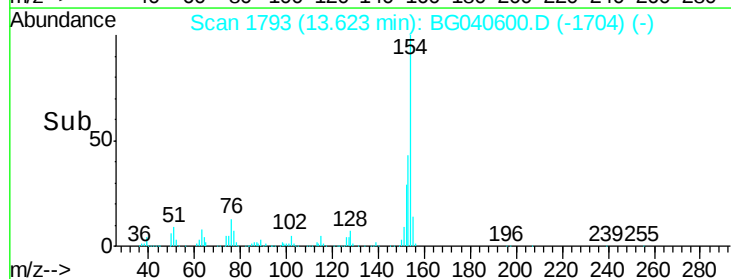
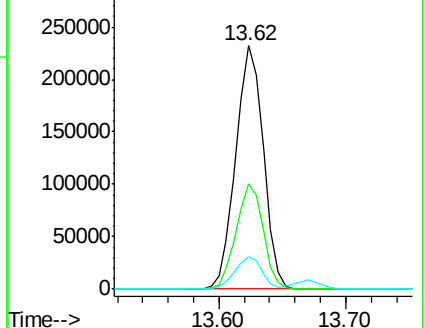
76 13.1 0.0 32.5

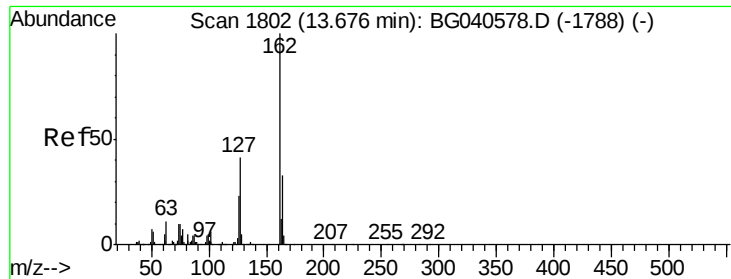


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

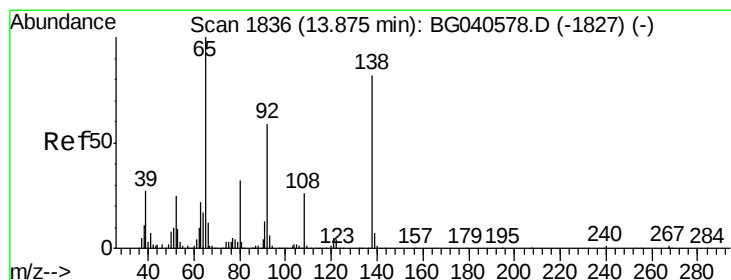
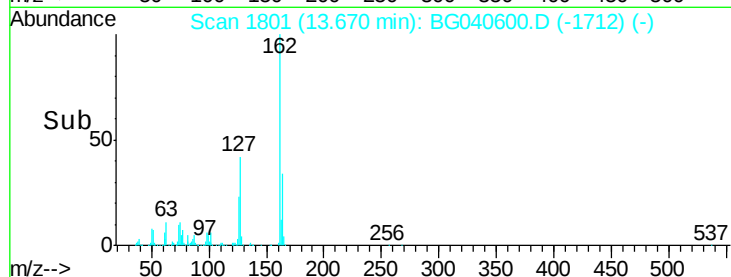
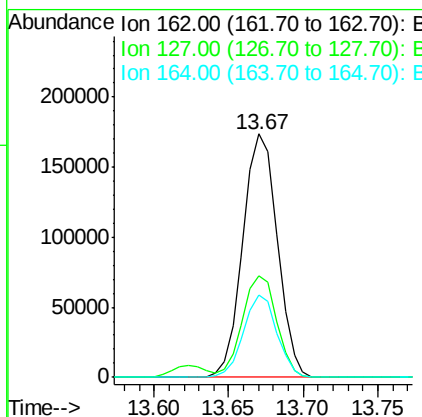
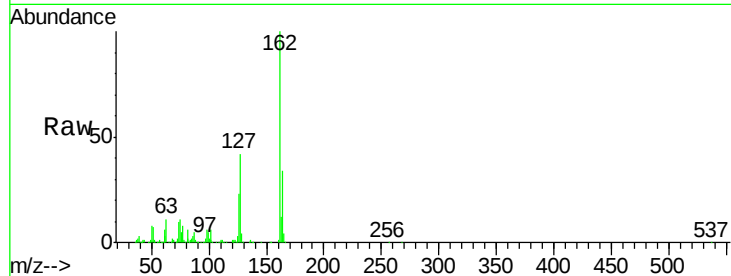




#47
2-Chloronaphthalene
Concen: 43.136 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

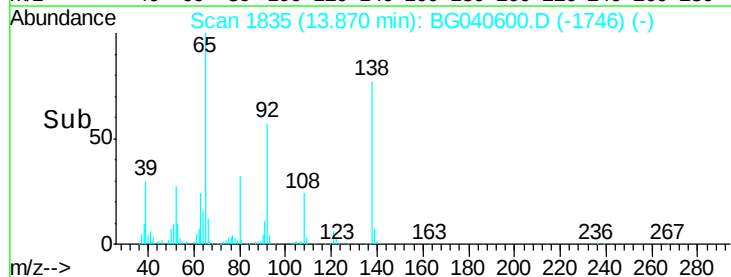
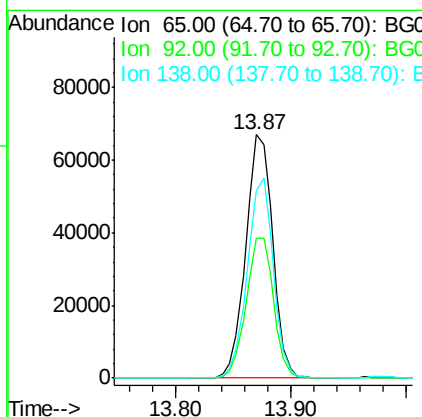
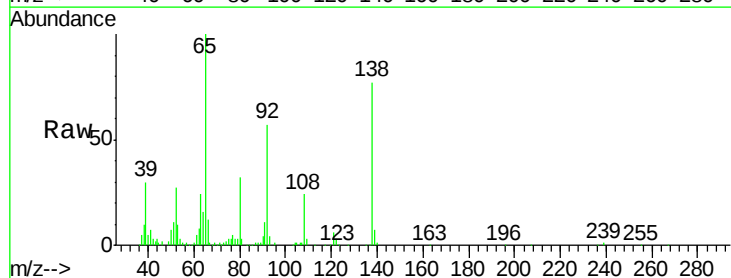
Instrument :
BNA_G
ClientSampleId :

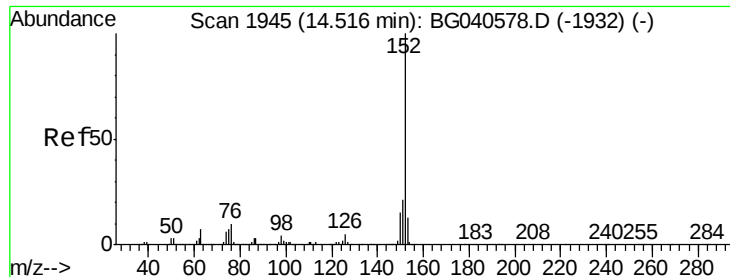
Tot Ion:162 Resp: 277919
Ion Ratio Lower Upper
162 100
127 41.8 33.0 49.4
164 33.9 26.8 40.2



#48
2-Nitroaniline
Concen: 47.595 ng
RT: 13.87 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Tgt Ion: 65 Resp: 109154
Ion Ratio Lower Upper
65 100
92 57.4 47.4 71.0
138 77.0 66.1 99.1





#49

Acenaphthylene

Concen: 41.058 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

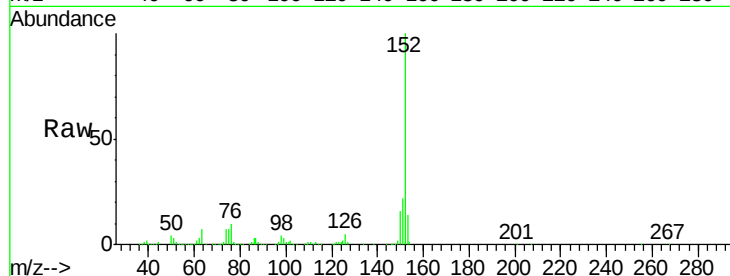
Tot Ion:152 Resp: 448809

Ion Ratio Lower Upper

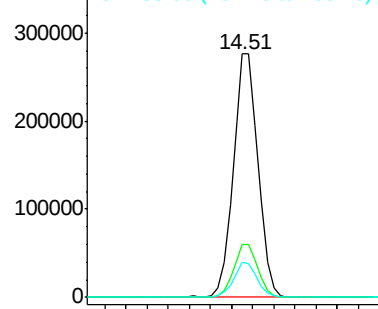
152 100

151 21.8 17.2 25.8

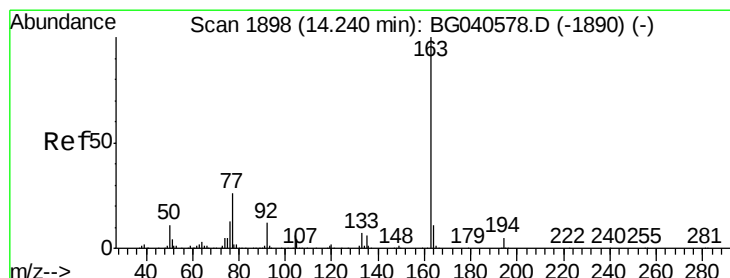
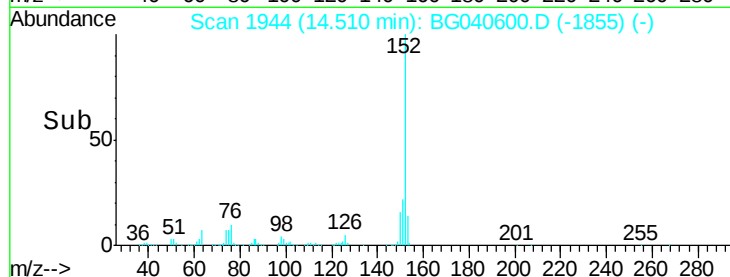
153 14.4 10.7 16.1



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



Time-->



#50

Dimethylphthalate

Concen: 42.496 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

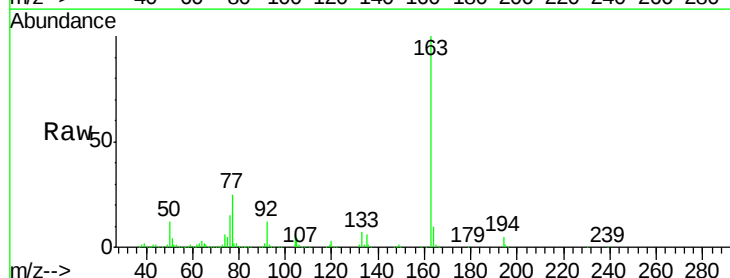
Tgt Ion:163 Resp: 377011

Ion Ratio Lower Upper

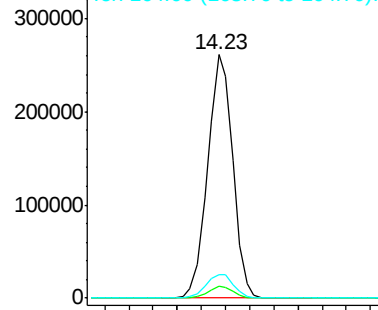
163 100

194 4.8 3.8 5.8

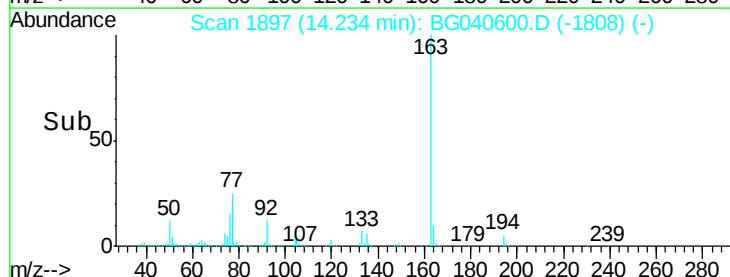
164 9.8 8.8 13.2



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



Time-->

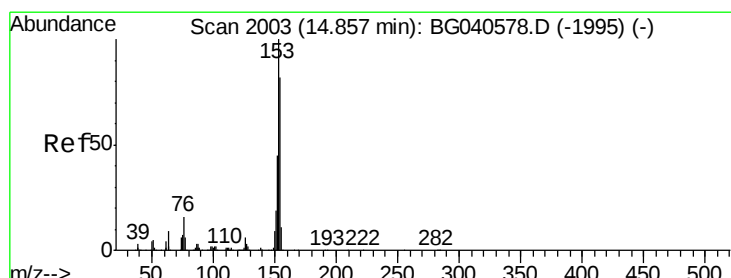
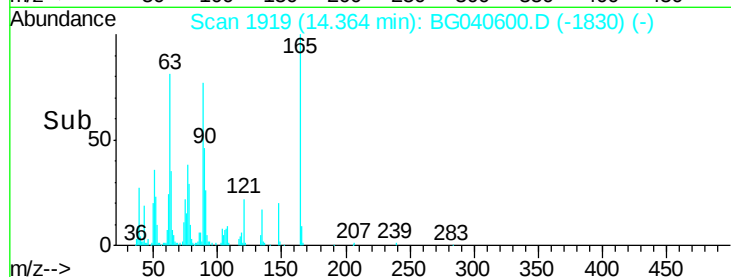
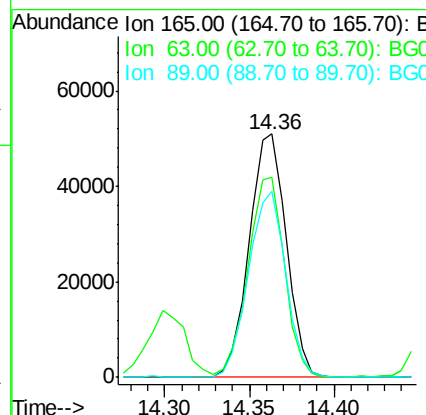
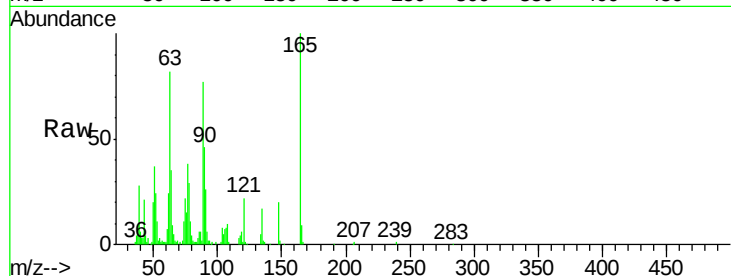




#51
 2,6-Dinitrotoluene
 Concen: 44.965 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

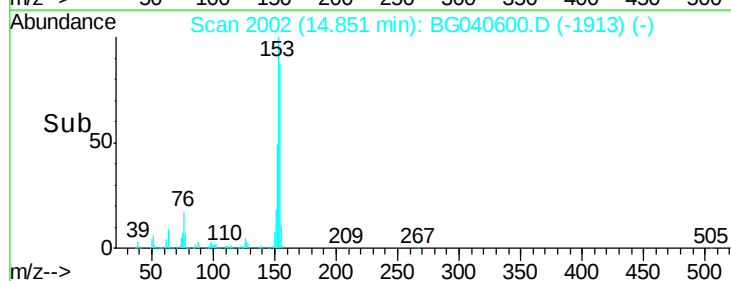
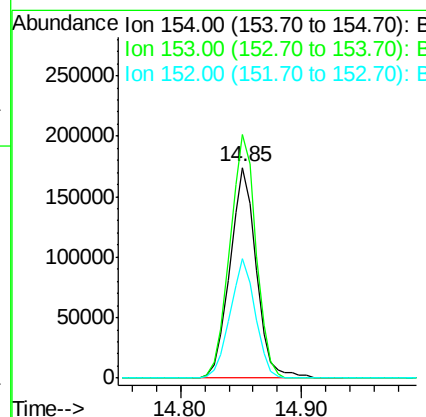
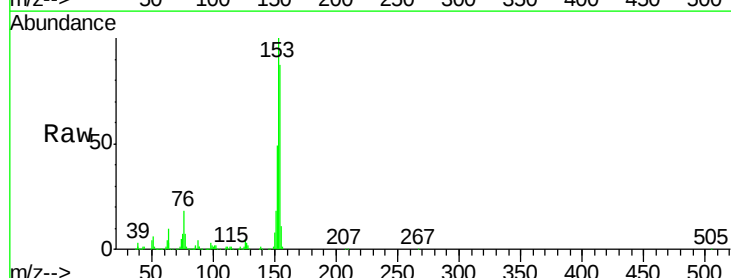
Instrument :
 BNA_G
 ClientSampleId :

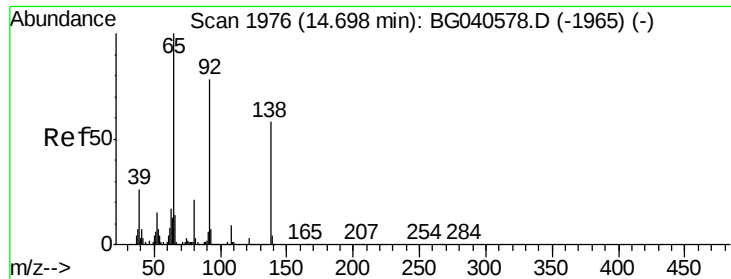
Tot Ion:165 Resp: 77857
 Ion Ratio Lower Upper
 165 100
 63 82.1 61.0 91.4
 89 76.6 58.6 87.8



#52
 Acenaphthene
 Concen: 41.445 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

Tgt Ion:154 Resp: 263831
 Ion Ratio Lower Upper
 154 100
 153 115.4 97.0 145.6
 152 56.6 44.1 66.1





#53

3-Nitroaniline

Concen: 30.650 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

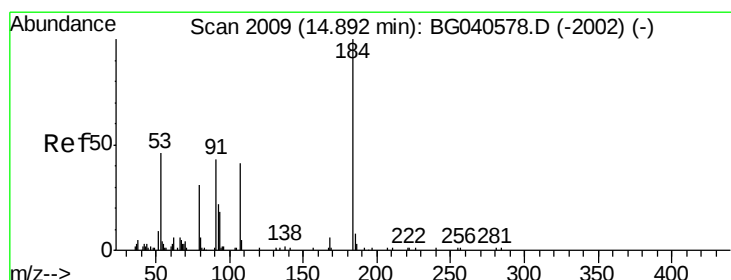
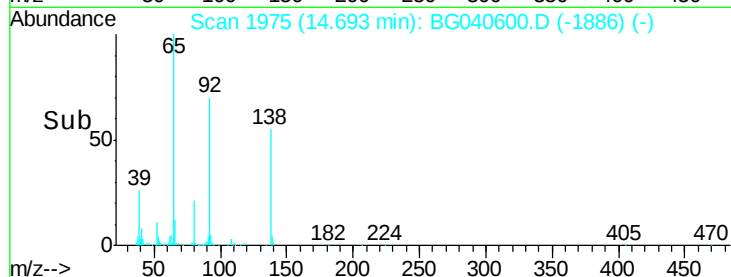
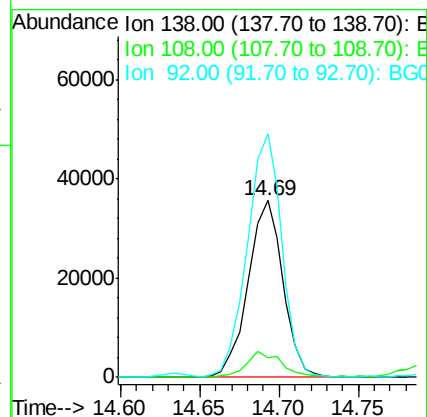
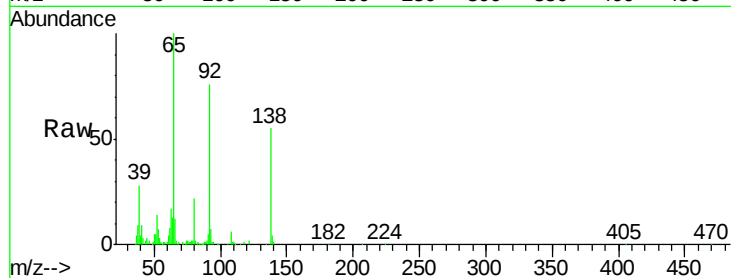
Tot Ion:138 Resp: 54377

Ion Ratio Lower Upper

138 100

108 11.2 12.4 18.6#

92 137.9 108.6 162.8



#54

2,4-Dinitrophenol

Concen: 18.692 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

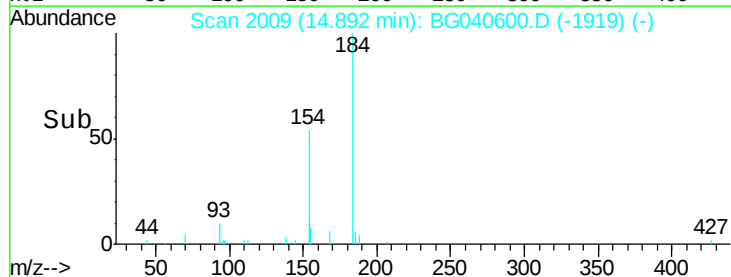
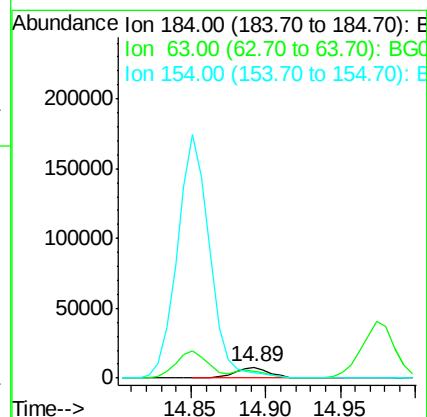
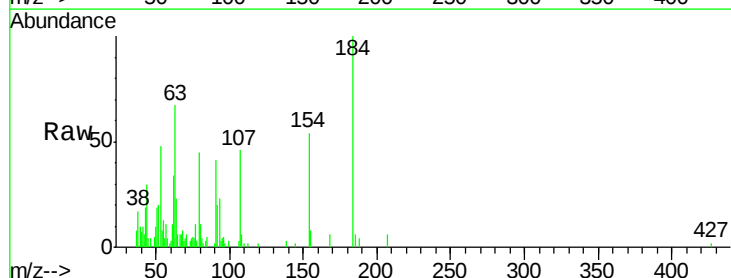
Tgt Ion:184 Resp: 12499

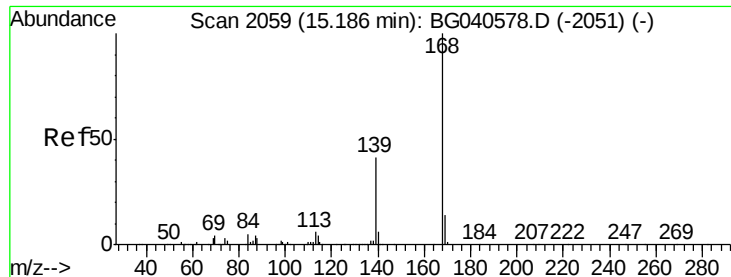
Ion Ratio Lower Upper

184 100

63 66.7 51.8 77.6

154 54.1 43.6 65.4

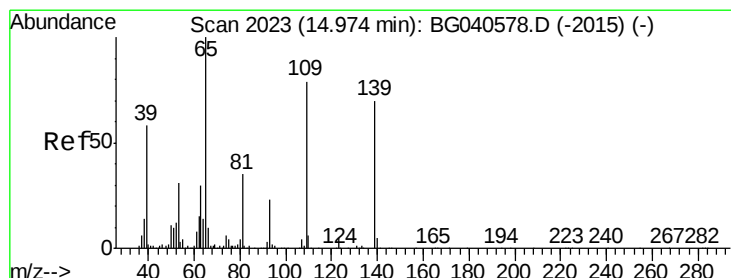
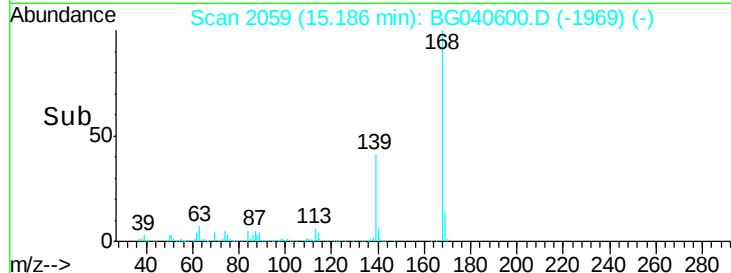
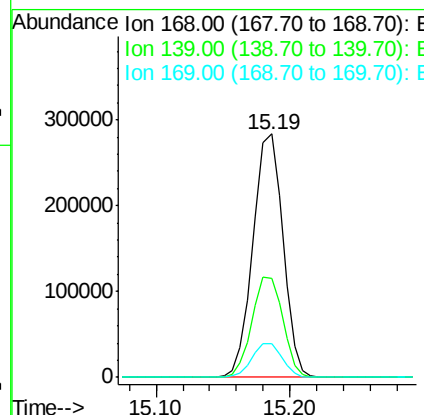
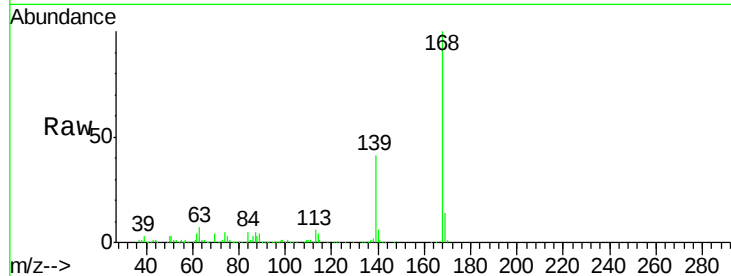




#55
Dibenzenofuran
Concen: 42.100 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

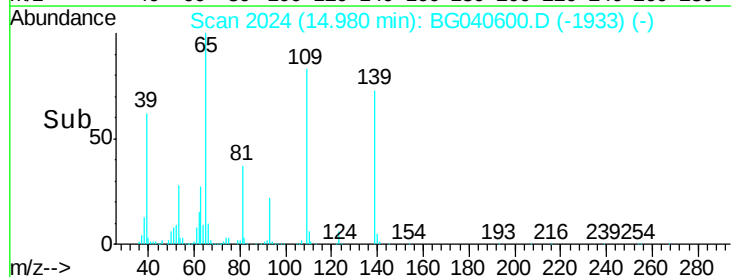
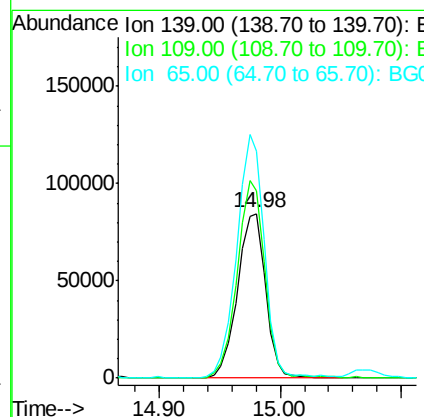
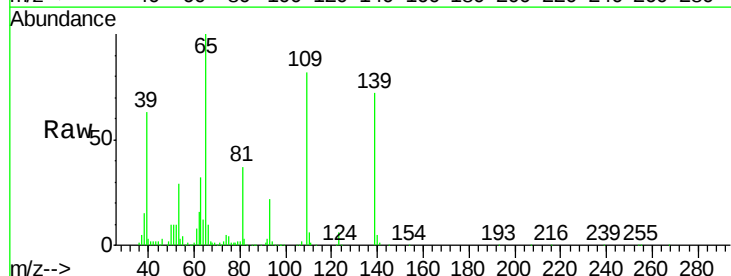
Instrument :
BNA_G
ClientSampleId :

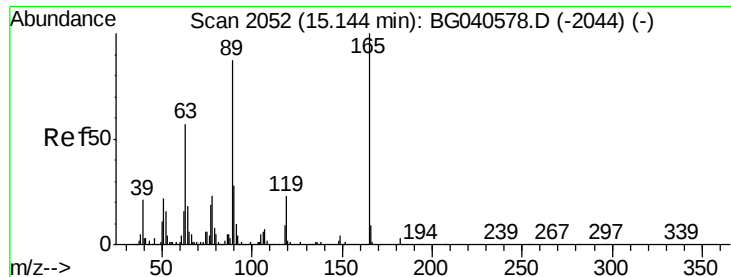
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	33.0	49.4
169	13.7	11.0	16.4



#56
4-Nitrophenol
Concen: 89.385 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	113.7	93.8	133.8
65	138.2	122.7	162.7

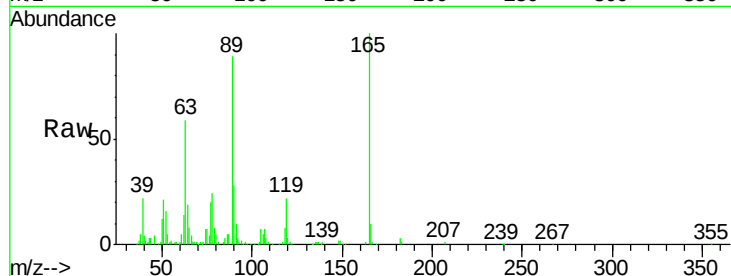




#57
 2,4-Dinitrotoluene
 Concen: 45.888 ng
 RT: 15.15 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	59.3	45.8	68.8	
89	88.5	69.4	104.2	
182	3.0	2.2	3.4	

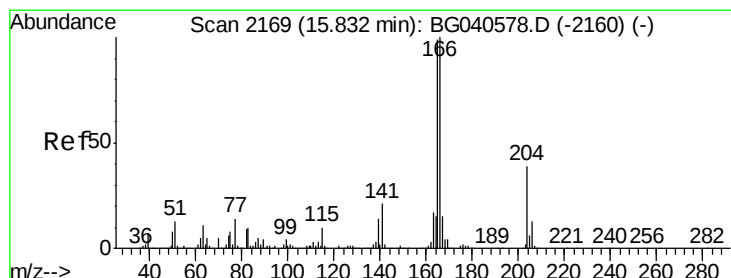
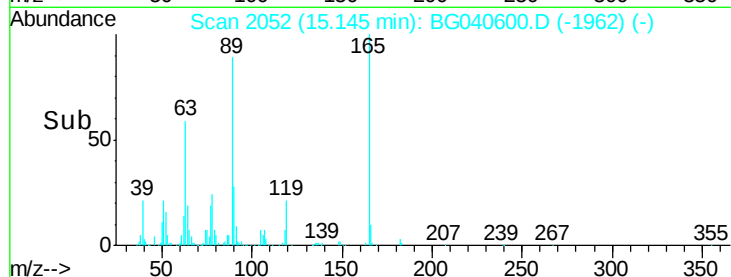
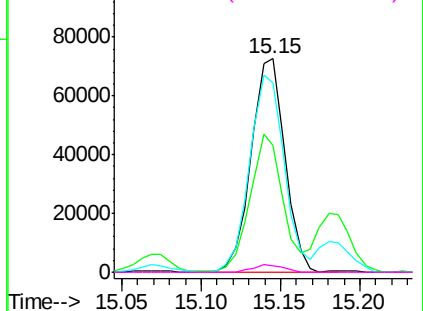


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

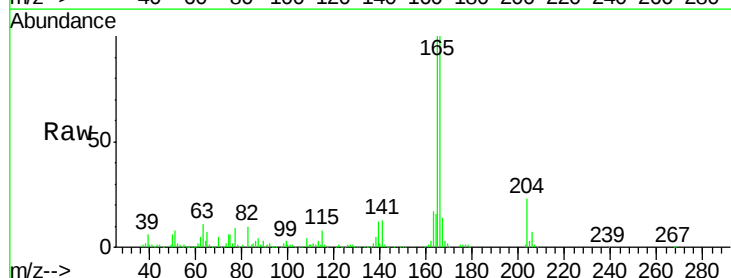
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.674 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

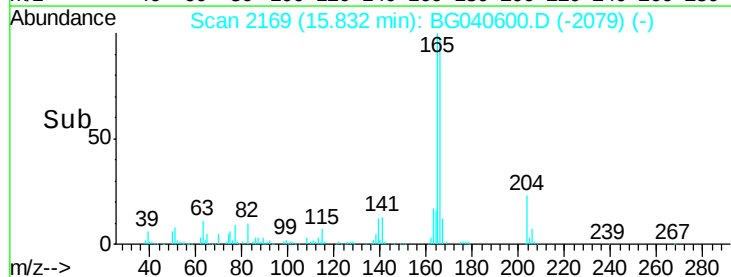
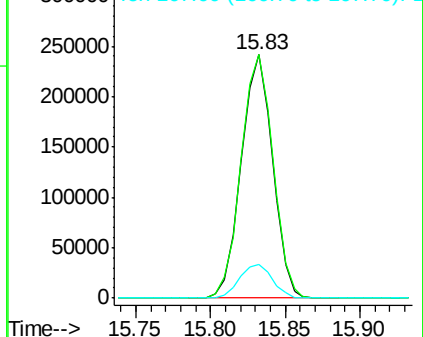
Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	99.8	79.6	119.4	
167	13.9	12.2	18.2	

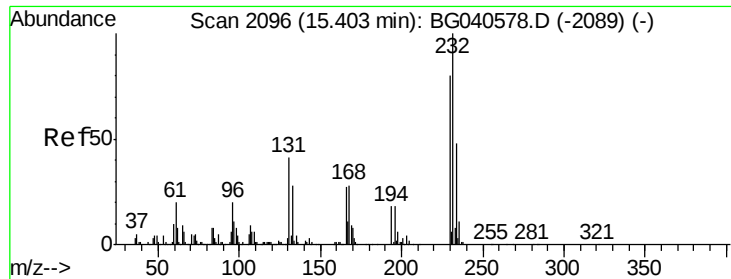


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

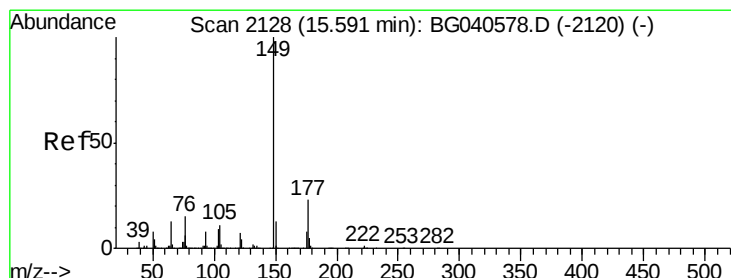
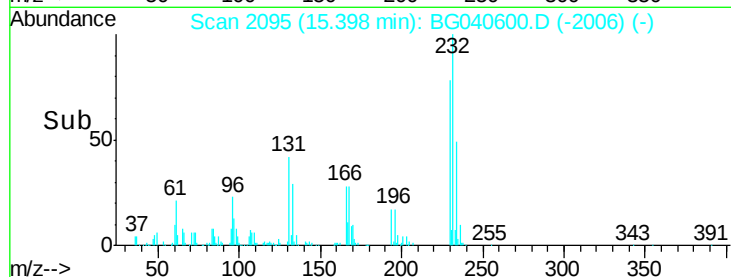
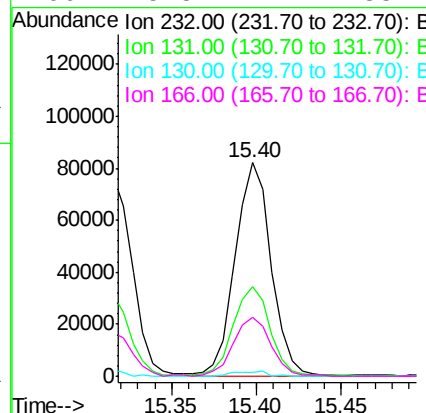
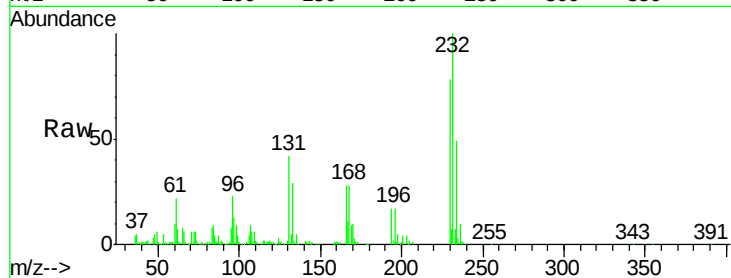




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.711 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

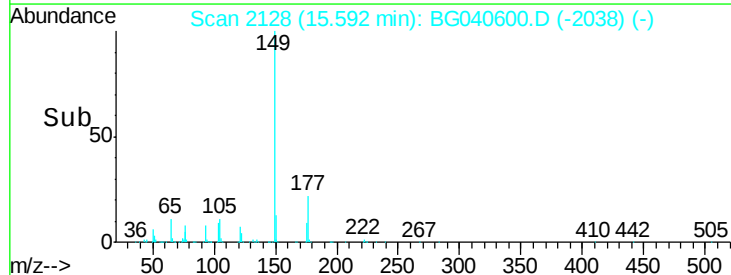
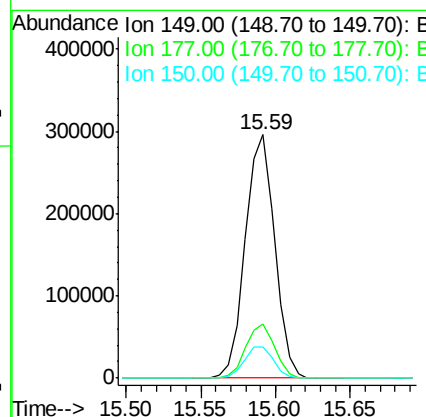
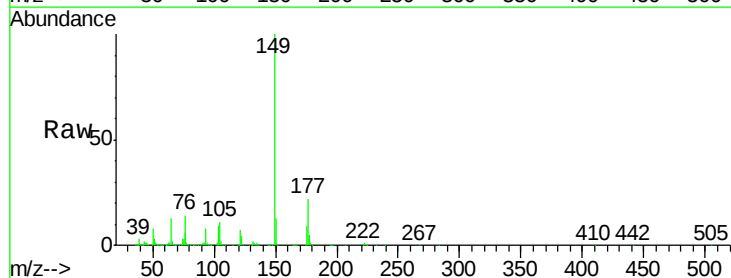
Instrument :
 BNA_G
 ClientSampleId :

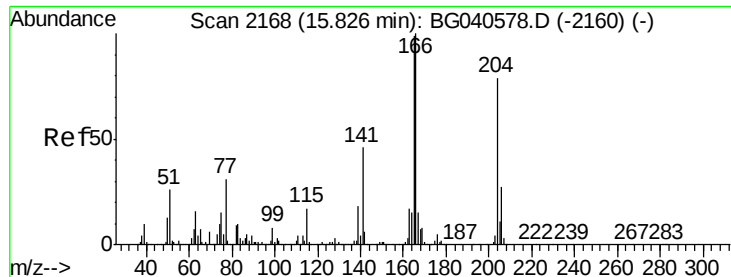
Tot Ion:232	Resp:	122256
Ion Ratio	Lower	Upper
232	100	
131	42.1	33.0 49.4
130	2.3	2.0 3.0
166	28.8	22.1 33.1



#60
 Diethylphthalate
 Concen: 43.004 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

Tgt Ion:149	Resp:	402533
Ion Ratio	Lower	Upper
149	100	
177	22.1	18.5 27.7
150	12.7	10.2 15.4

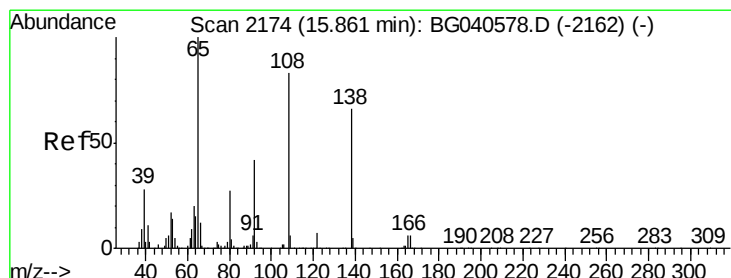
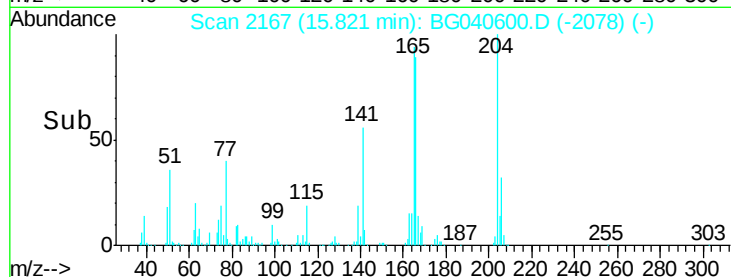
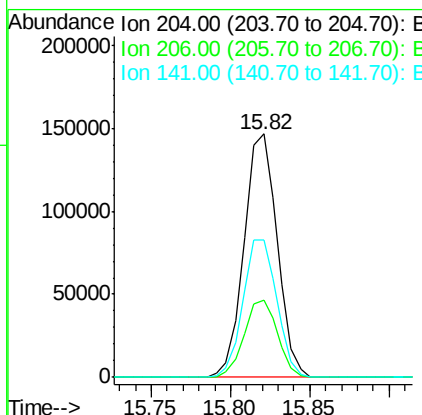
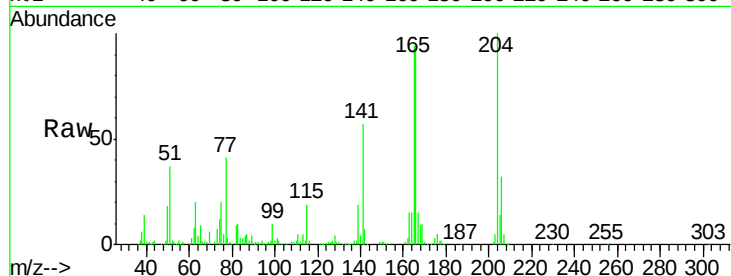




#61
 4-Chlorophenyl-phenylether
 Concen: 43.341 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

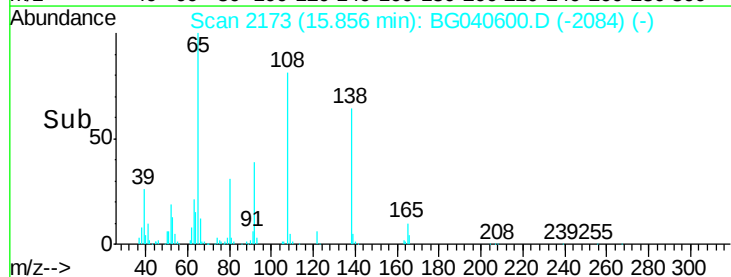
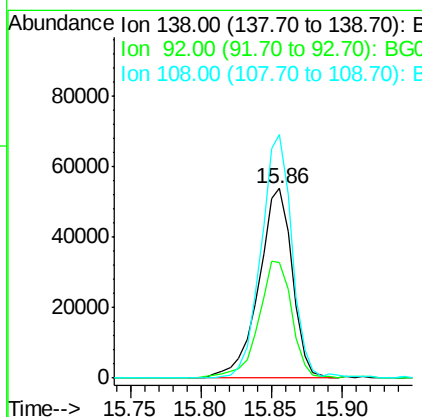
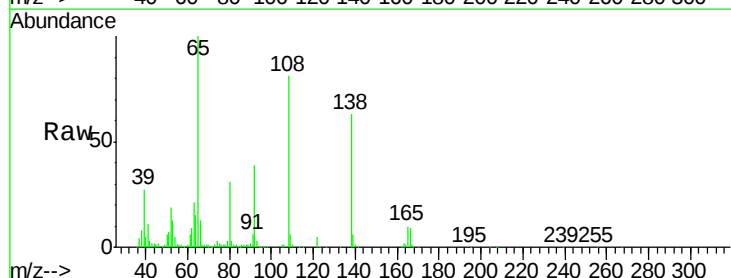
Instrument :
 BNA_G
 ClientSampled :

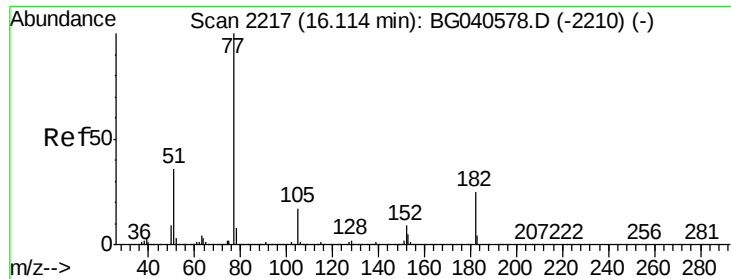
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	27.4	41.2
141	56.6	46.0	69.0



#62
 4-Nitroaniline
 Concen: 45.407 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.7	43.9	83.9
108	128.3	106.5	146.5





#63

Azobenzene

Concen: 43.157 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 416023

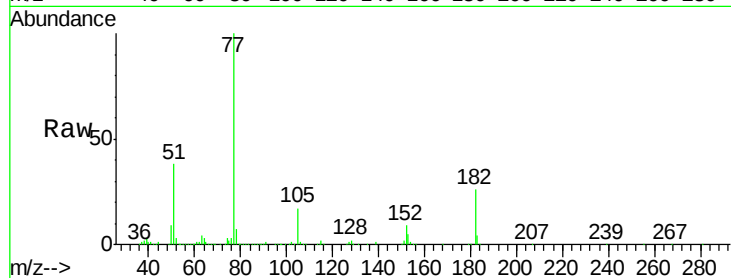
Ion Ratio Lower Upper

77 100

182 25.9 5.0 45.0

105 17.1 0.0 37.6

51 37.7 16.3 56.3

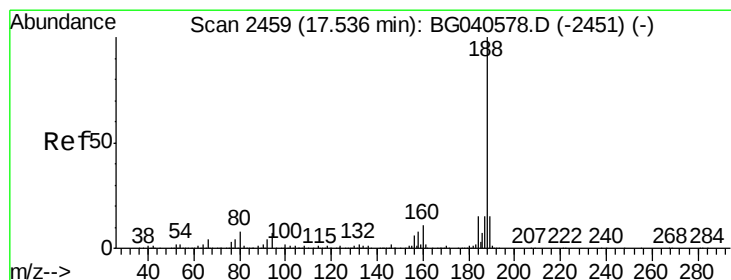
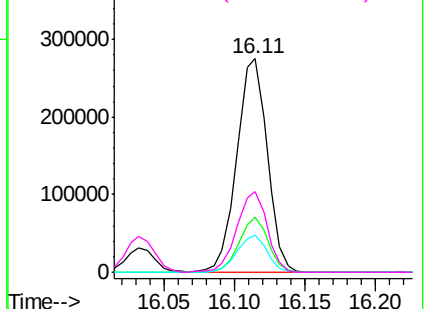
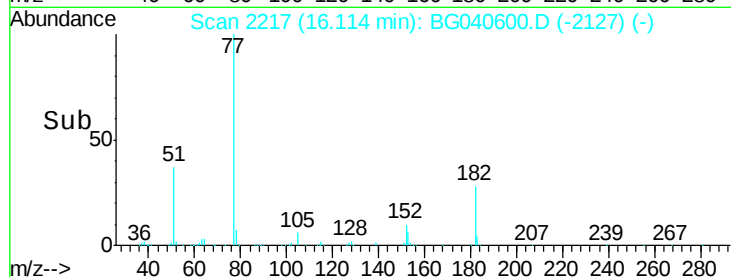


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

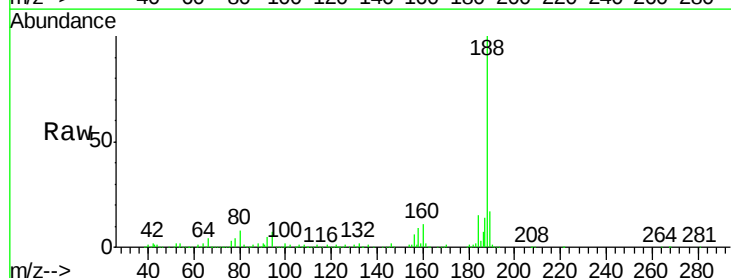
Tgt Ion: 188 Resp: 267693

Ion Ratio Lower Upper

188 100

94 7.3 5.6 8.4

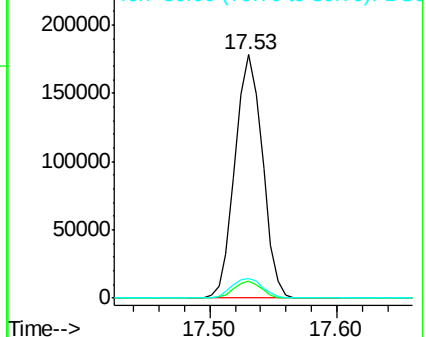
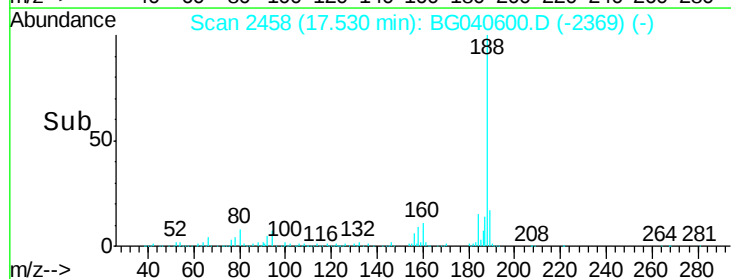
80 8.1 6.4 9.6

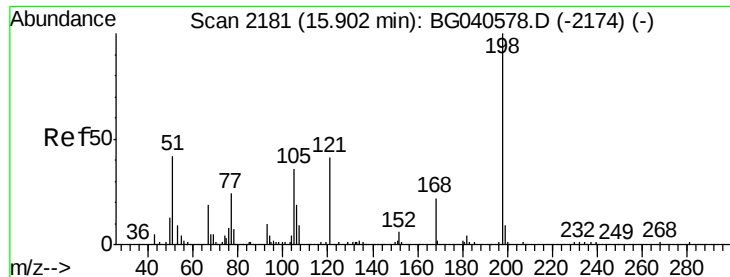


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 17.376 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

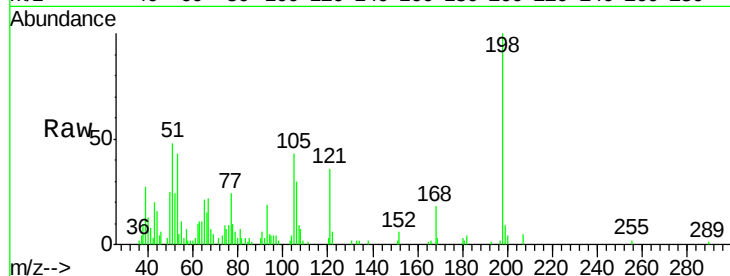
Tot Ion:198 Resp: 15906

Ion Ratio Lower Upper

198 100

51 47.8 35.9 75.9

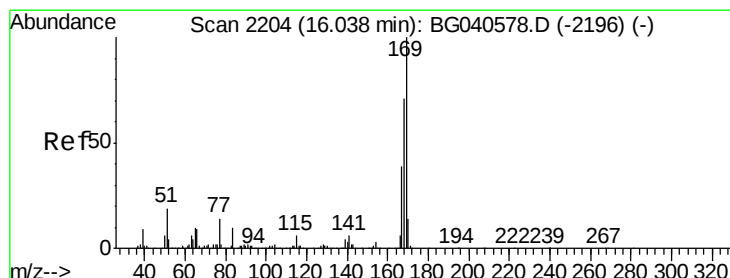
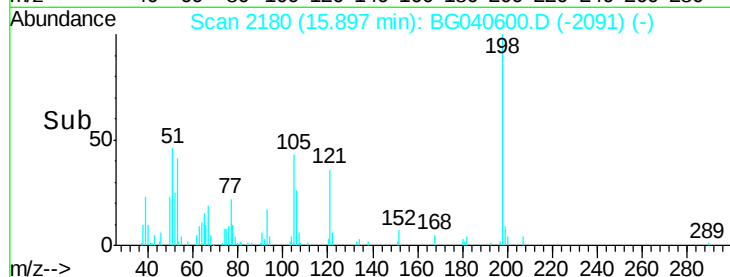
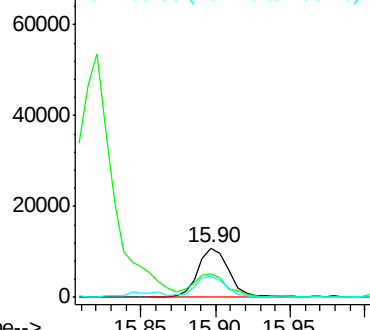
105 42.6 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.667 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

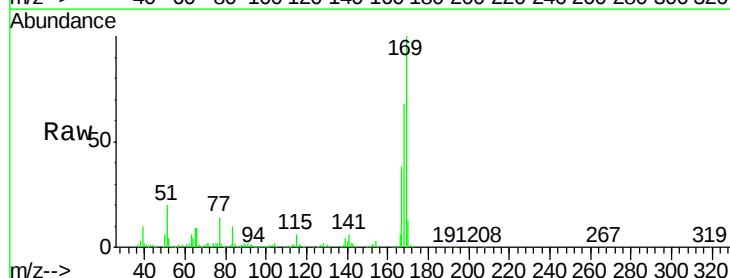
Tgt Ion:169 Resp: 328161

Ion Ratio Lower Upper

169 100

168 68.2 56.8 85.2

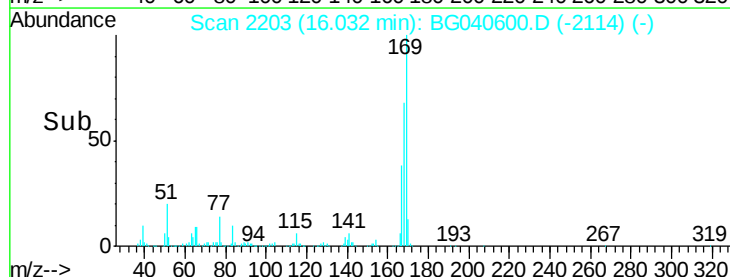
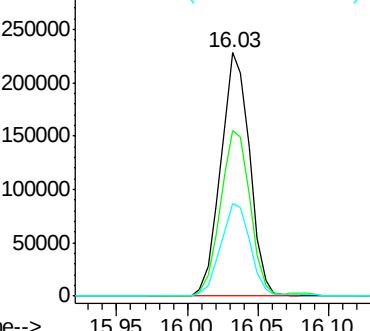
167 37.9 31.4 47.0



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

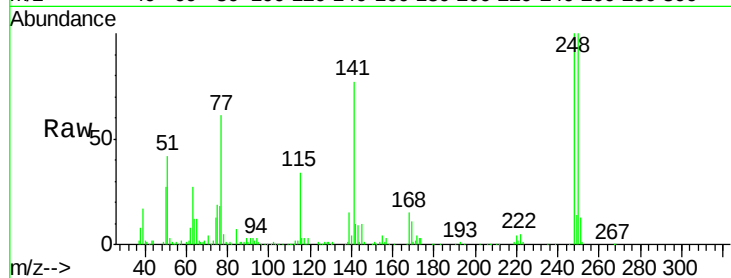




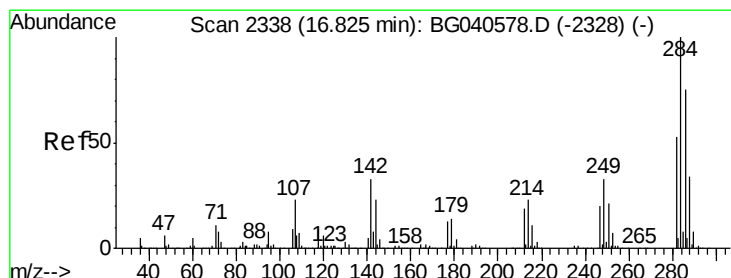
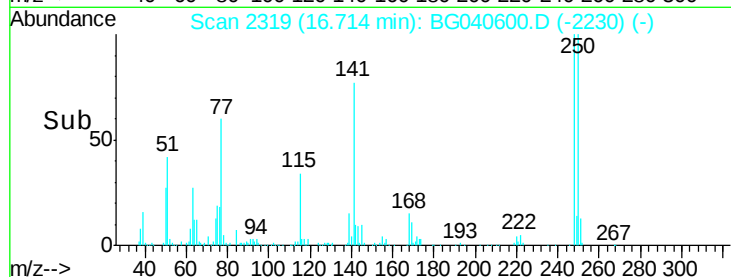
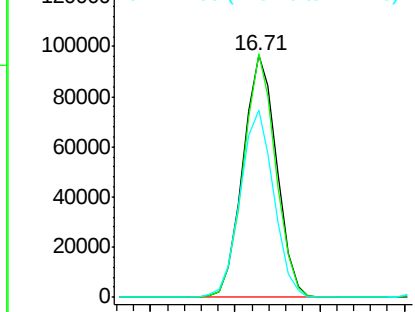
#67
 4-Bromophenyl-phenylether
 Concen: 40.110 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 133771
 Ion Ratio Lower Upper
 248 100
 250 100.5 79.8 119.6
 141 77.4 60.8 91.2

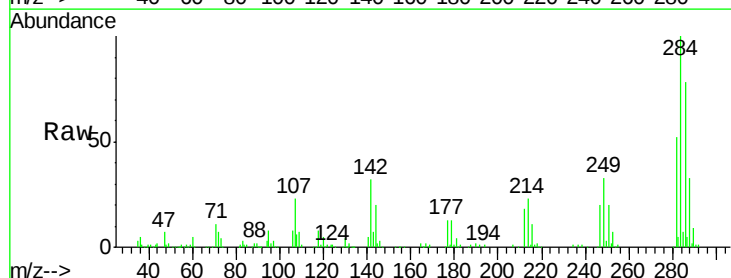


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

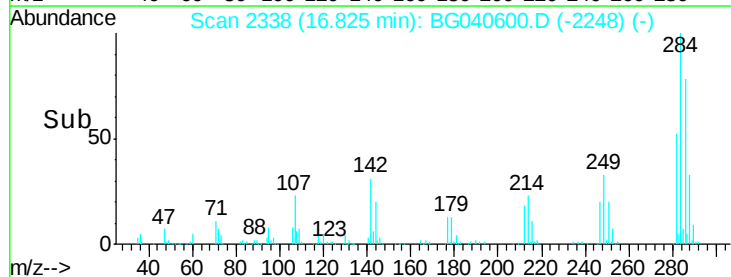
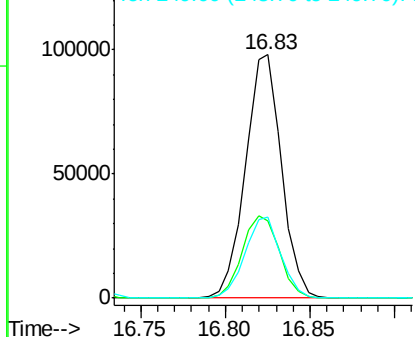


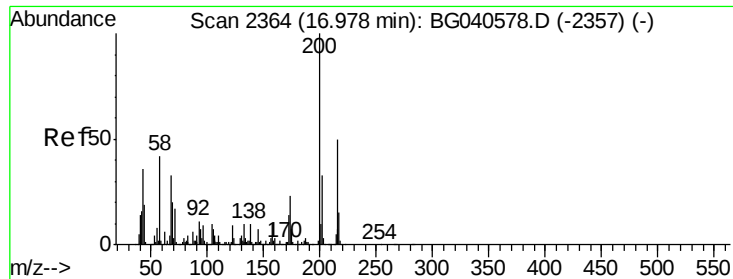
#68
 Hexachlorobenzene
 Concen: 42.055 ng
 RT: 16.83 min Scan# 2338
 Delta R.T. 0.00 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

Tgt Ion:284 Resp: 145027
 Ion Ratio Lower Upper
 284 100
 142 31.9 26.6 40.0
 249 35.6 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: 46.854 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampled :

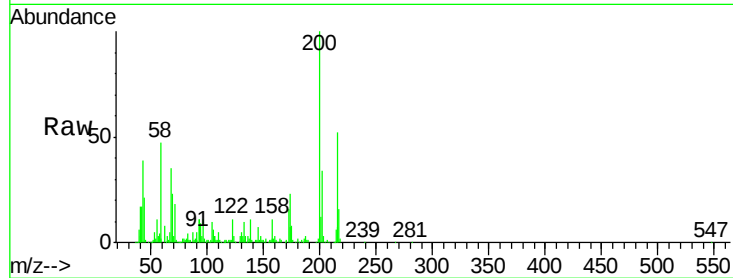
Tot Ion:200 Resp: 146203

Ion Ratio Lower Upper

200 100

173 23.0 2.8 42.8

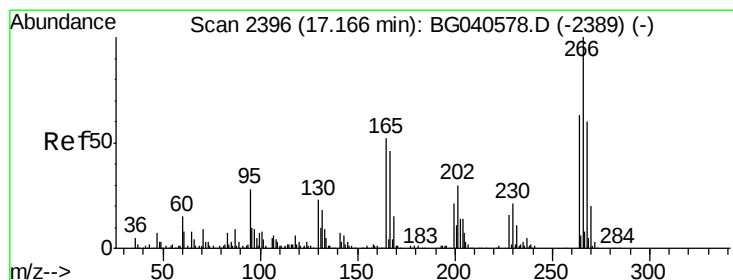
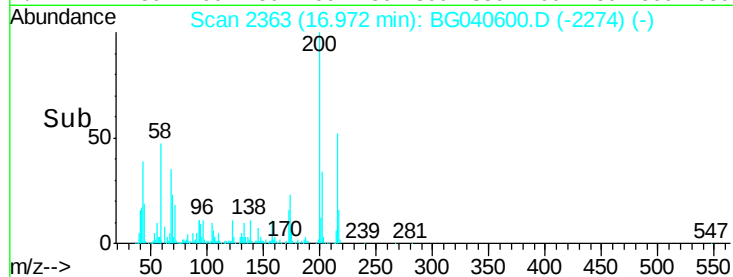
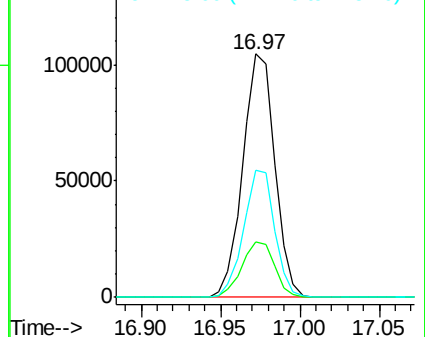
215 52.2 30.2 70.2



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: 61.615 ng

RT: 17.17 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

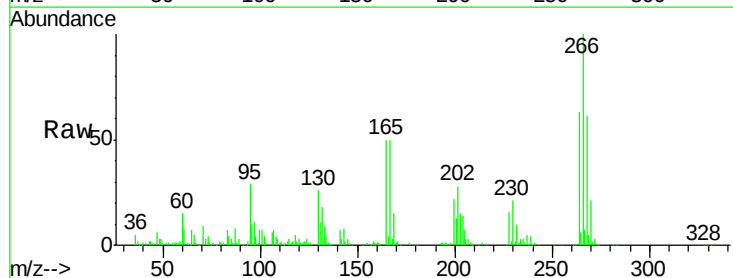
Tgt Ion:266 Resp: 124335

Ion Ratio Lower Upper

266 100

268 61.4 52.3 78.5

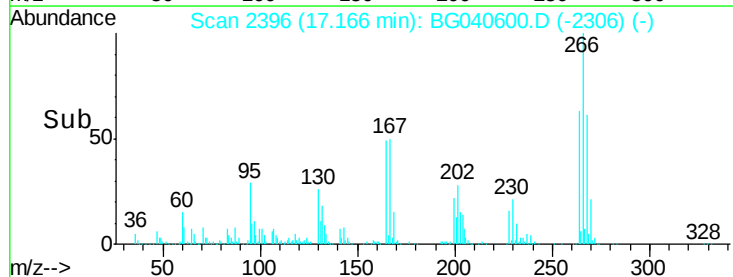
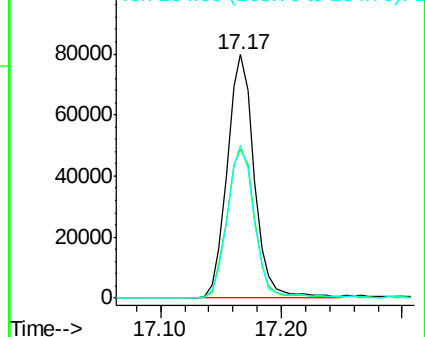
264 62.8 50.0 75.0

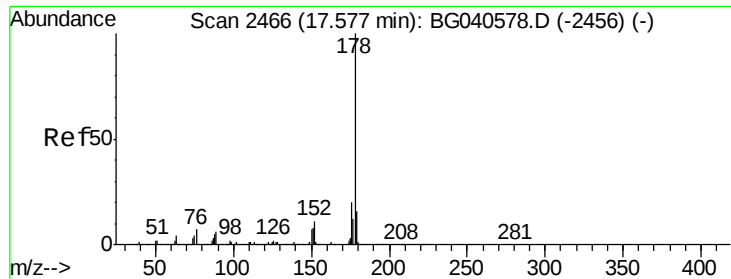


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.468 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

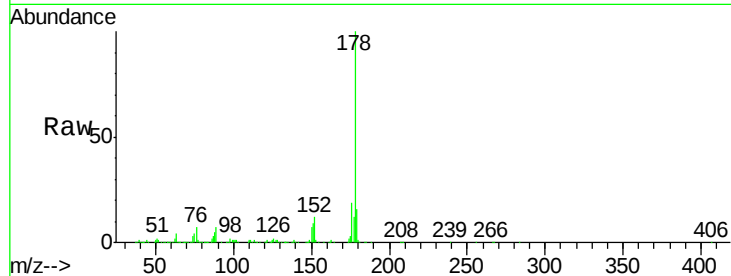
Tot Ion:178 Resp: 626750

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

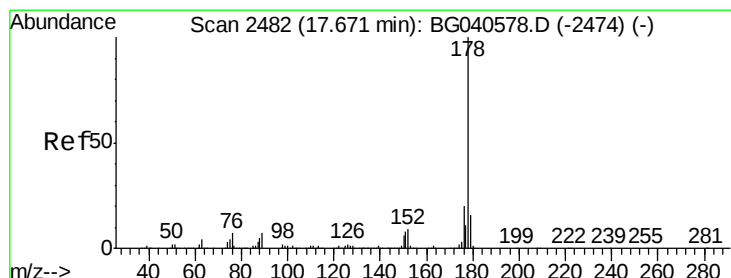
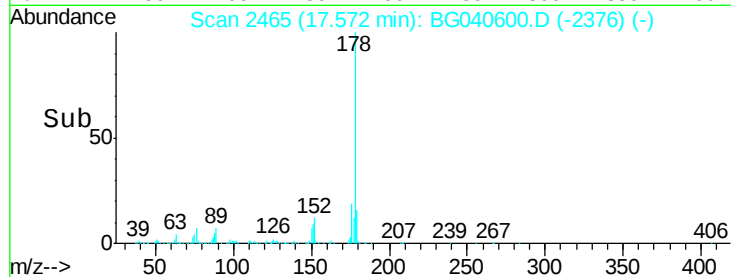
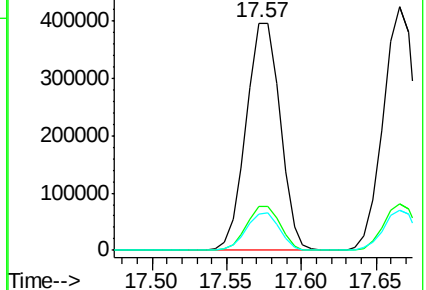
179 16.0 12.6 18.8



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: 44.437 ng

RT: 17.67 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

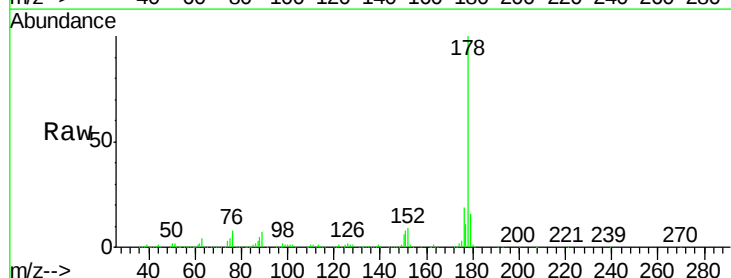
Tgt Ion:178 Resp: 644032

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

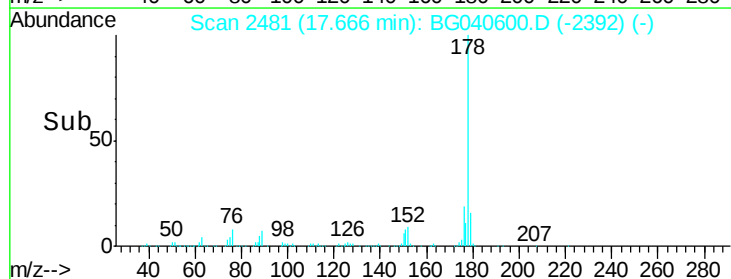
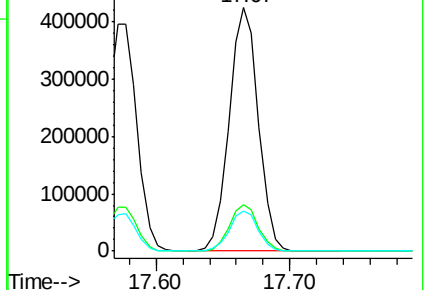
179 16.3 12.9 19.3

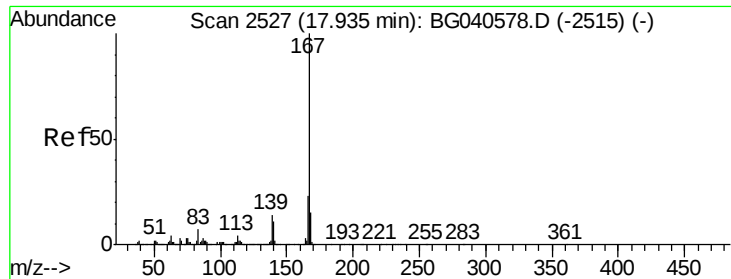


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

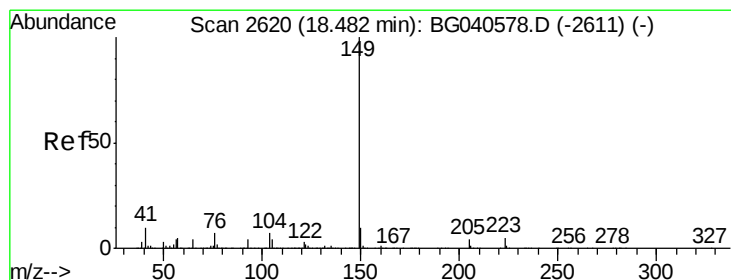
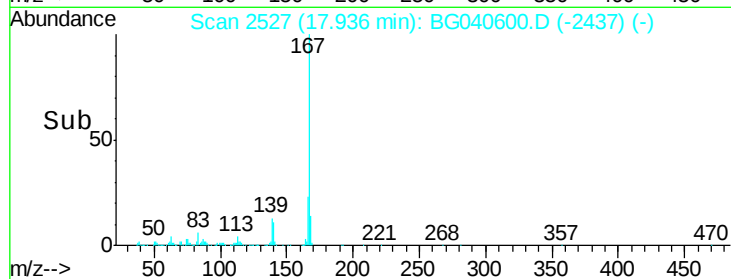
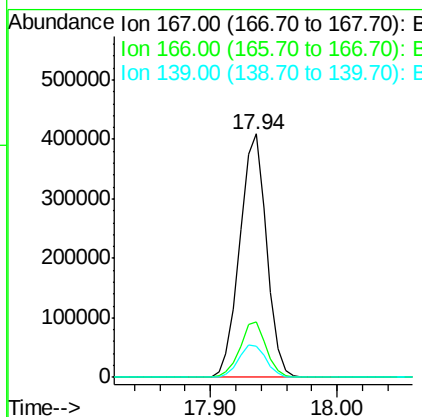
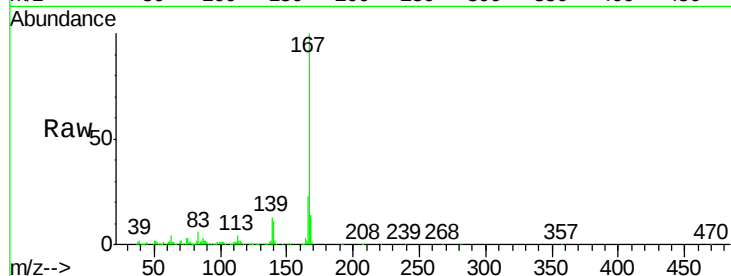




#73
 Carbazole
 Concen: 45.160 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

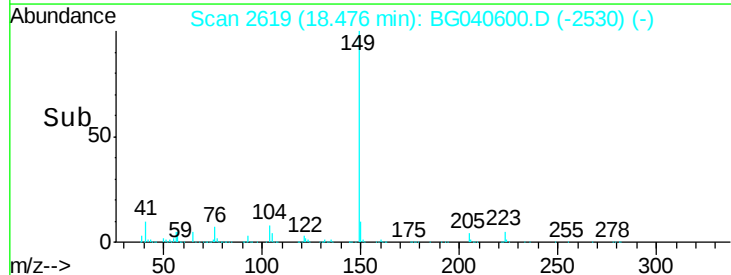
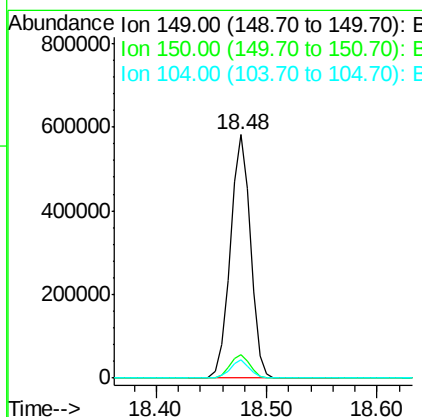
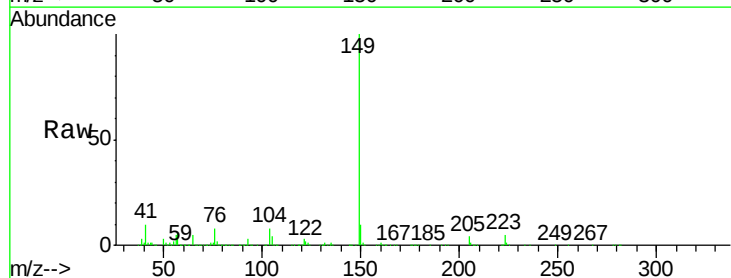
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	12.8	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 46.764 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BG040600.D
 Acq: 24 Apr 2019 19:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	7.5	5.4	8.2





#75

Fluoranthene

Concen: 48.167 ng

RT: 19.58 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

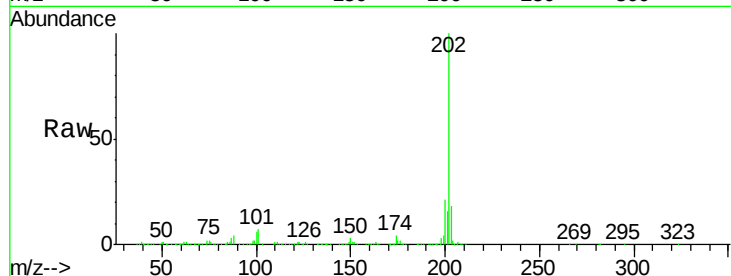
Tot Ion:202 Resp: 865462

Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.5

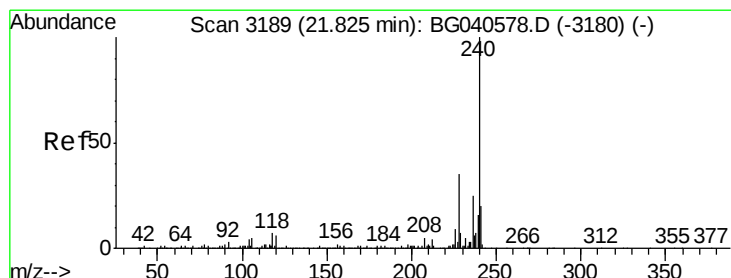
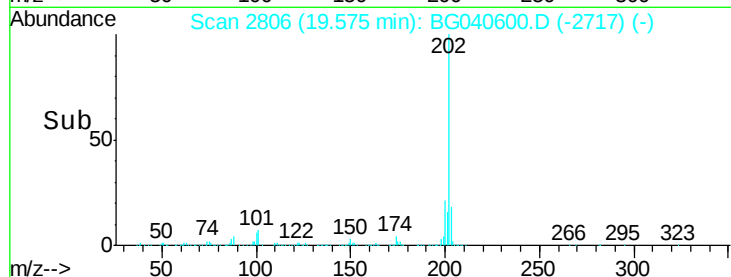
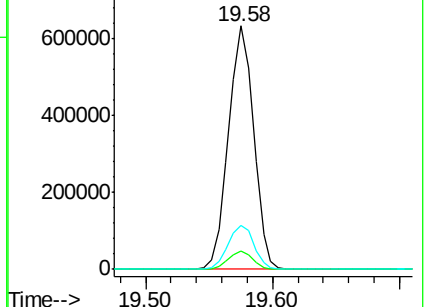
203 18.1 0.0 39.3



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: 21.83 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

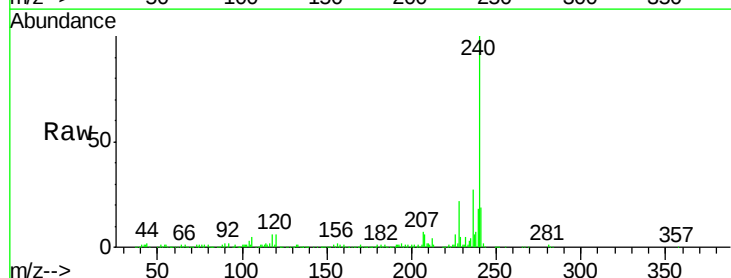
Tgt Ion:240 Resp: 333514

Ion Ratio Lower Upper

240 100

120 6.3 5.0 7.6

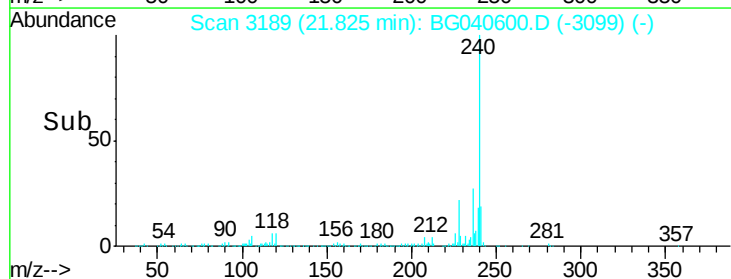
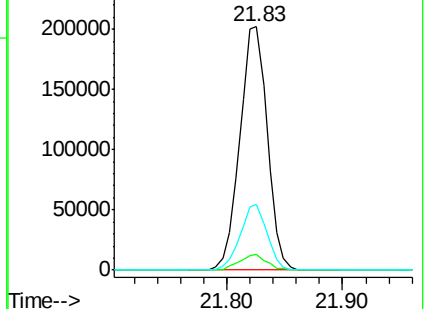
236 27.0 20.3 30.5



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: 38.751 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

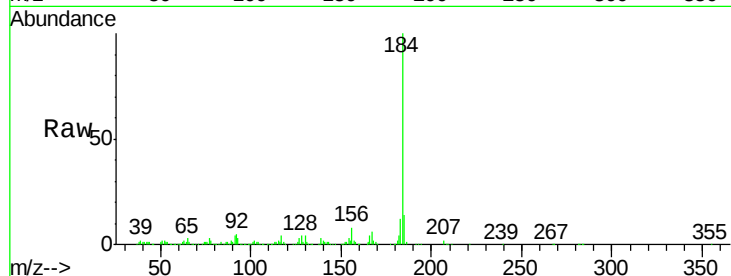
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 353866

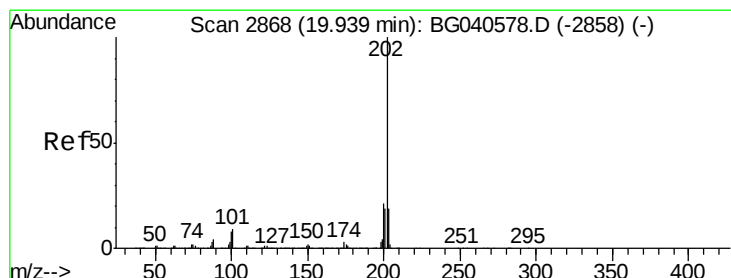
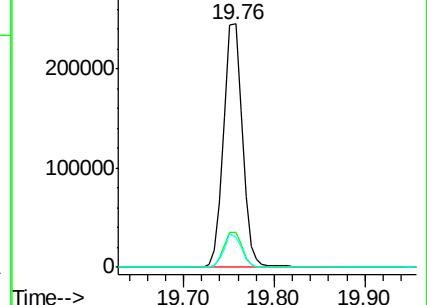
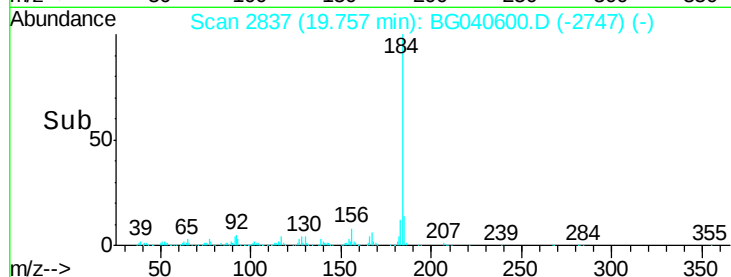
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.8
183	12.2	10.2	15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.637 ng

RT: 19.94 min Scan# 2868

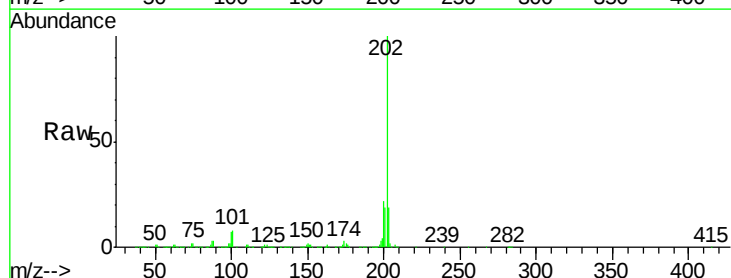
Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Tgt Ion:202 Resp: 870349

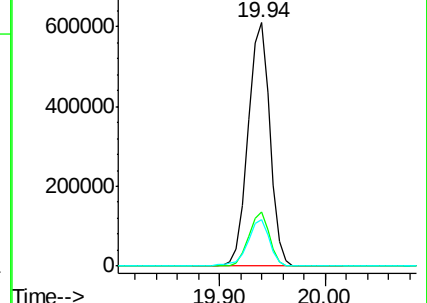
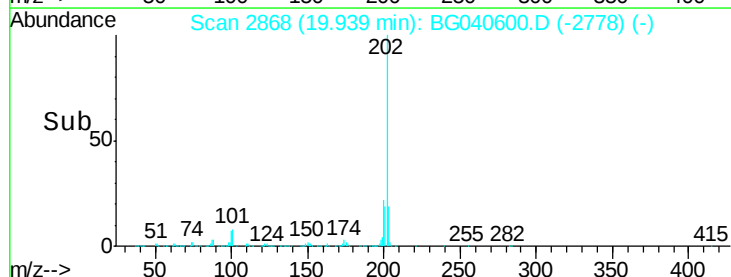
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.2	25.8
203	19.0	15.0	22.4

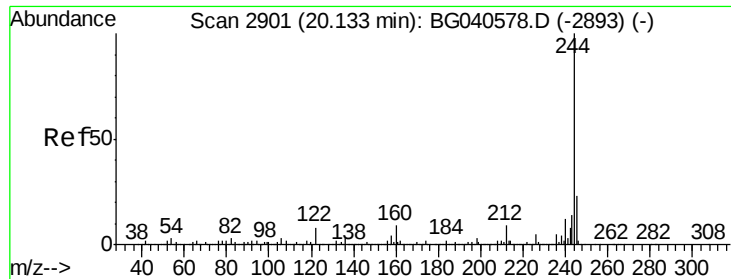


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.151 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

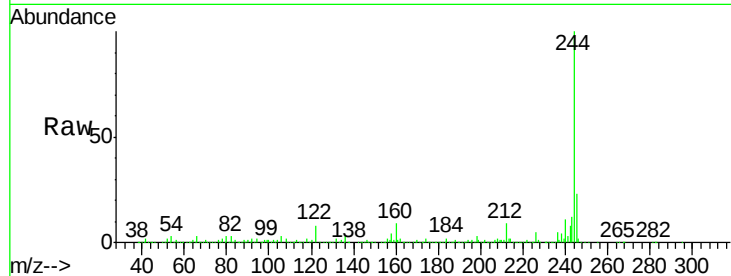
Tot Ion:244 Resp: 1191559

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

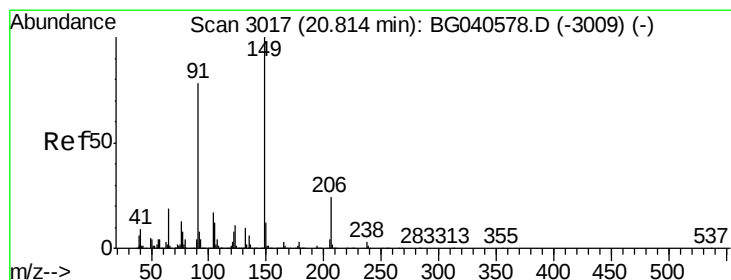
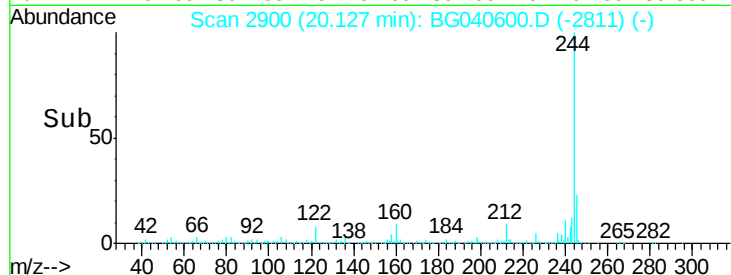
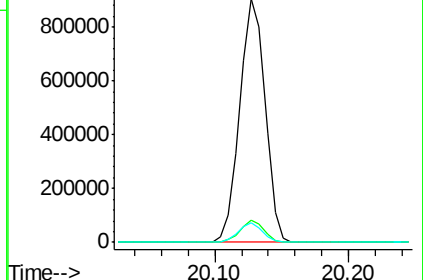
122 8.1 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.547 ng

RT: 20.81 min Scan# 3017

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

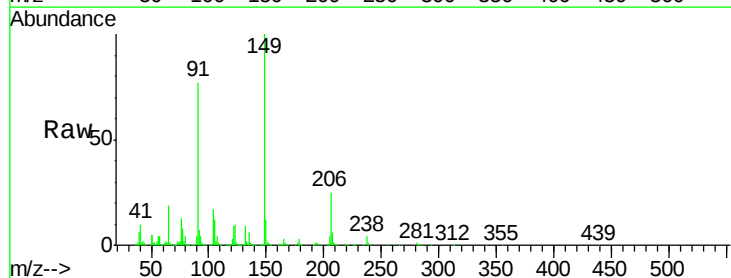
Tgt Ion:149 Resp: 354778

Ion Ratio Lower Upper

149 100

91 76.6 62.6 93.8

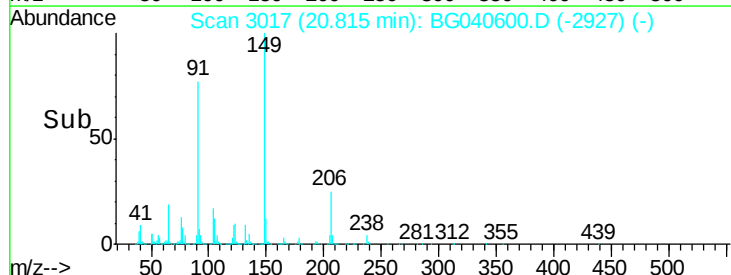
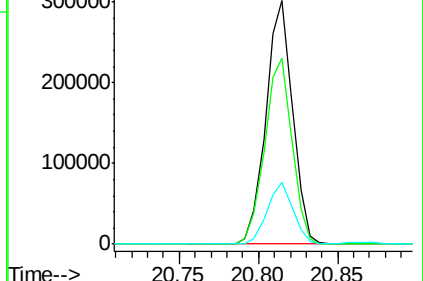
206 25.2 19.4 29.2

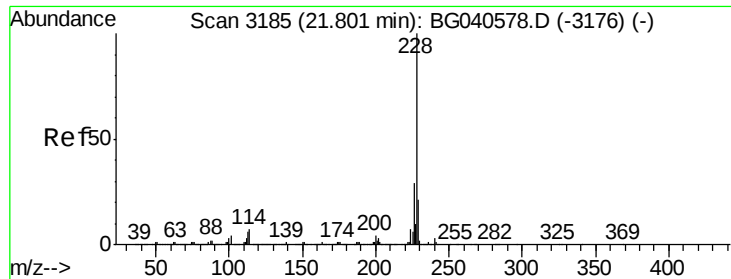


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.734 ng

RT: 21.80 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

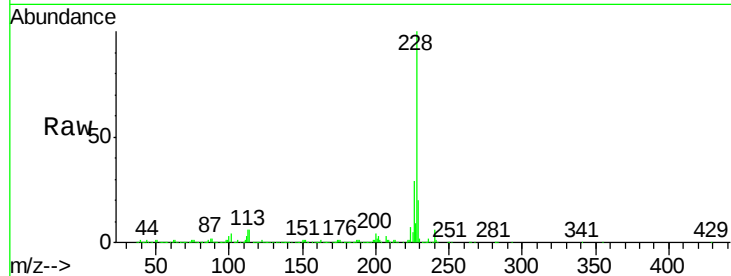
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 858613

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.1	34.7
229	20.1	17.0	25.4

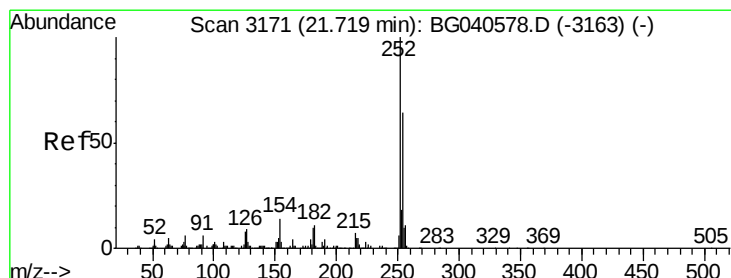
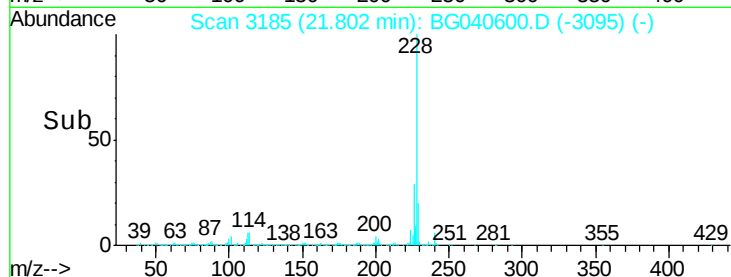
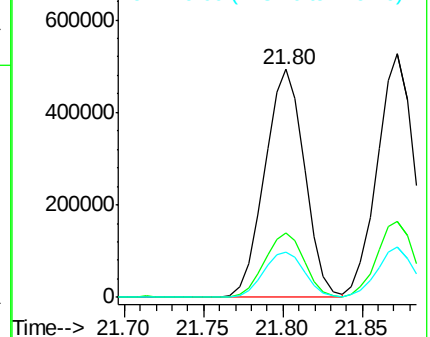


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.201 ng

RT: 21.71 min Scan# 3170

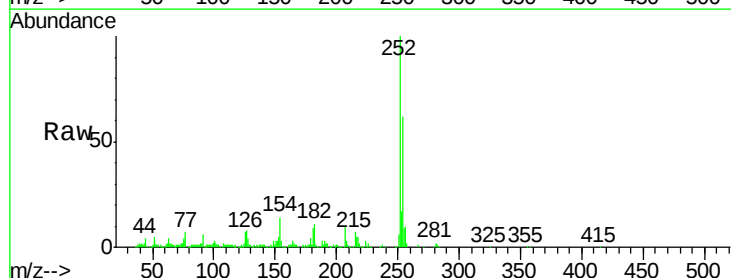
Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Tgt Ion:252 Resp: 174304

Ion	Ratio	Lower	Upper
252	100		
254	61.6	51.2	76.8
126	7.0	6.6	10.0

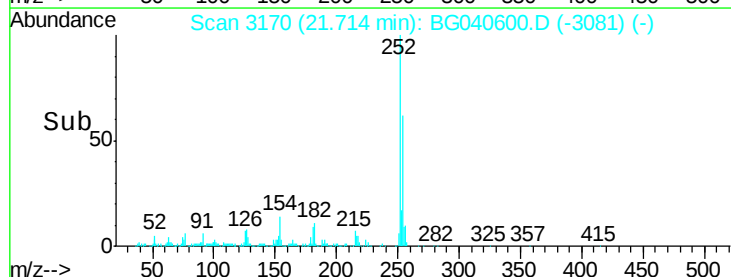
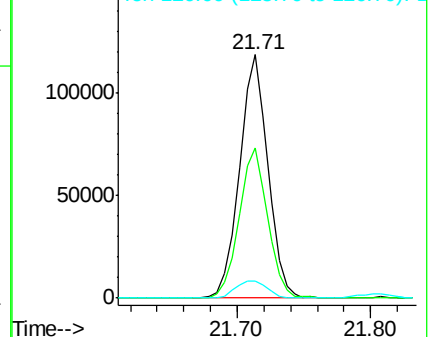


Abundance

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

Chrvsene

Concen: 42.147 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

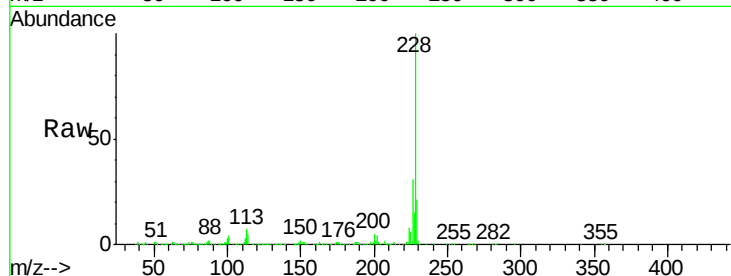
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 844890

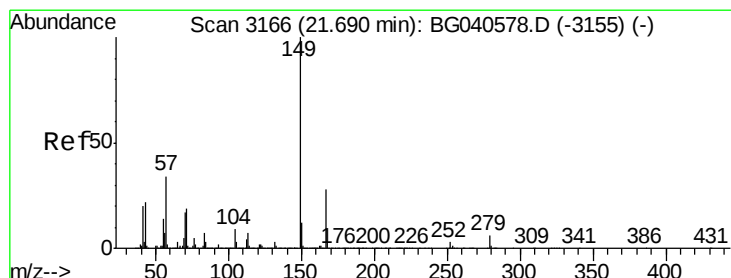
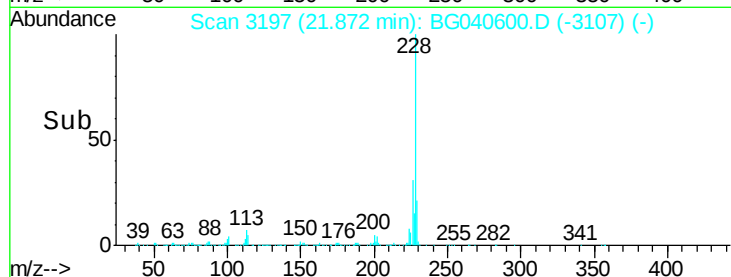
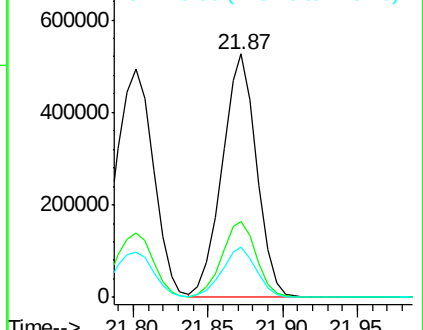
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.5	38.3
229	20.5	16.8	25.2



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: 42.618 ng

RT: 21.68 min Scan# 3165

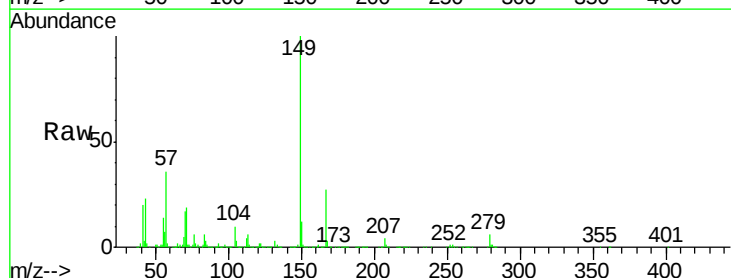
Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Tgt Ion:149 Resp: 501200

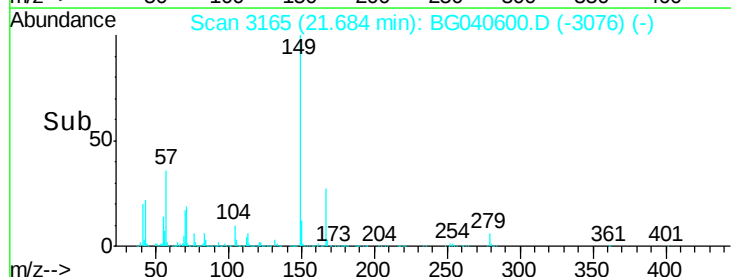
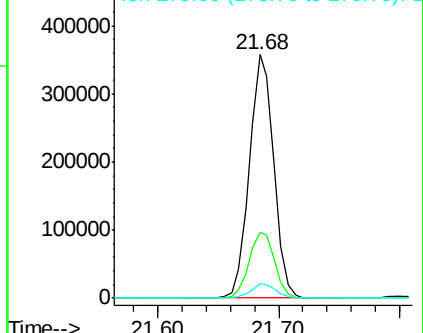
Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.4	33.6
279	5.7	4.6	6.8

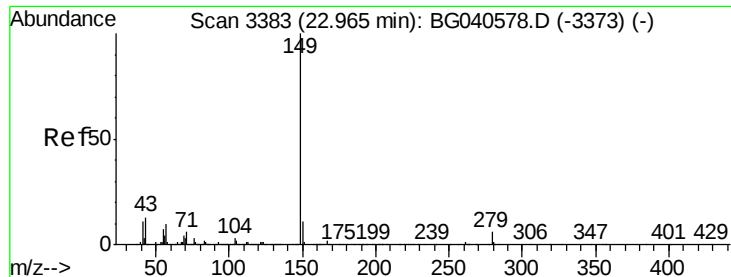


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.383 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

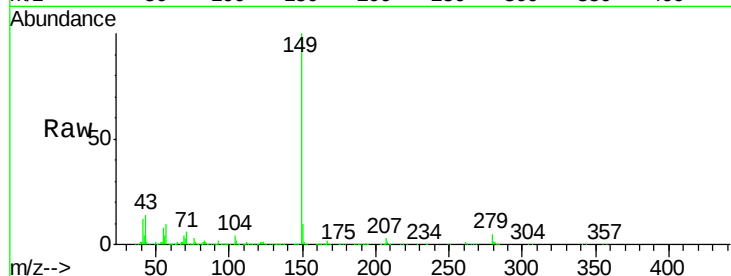
Tot Ion:149 Resp: 859255

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 13.3 10.2 15.2

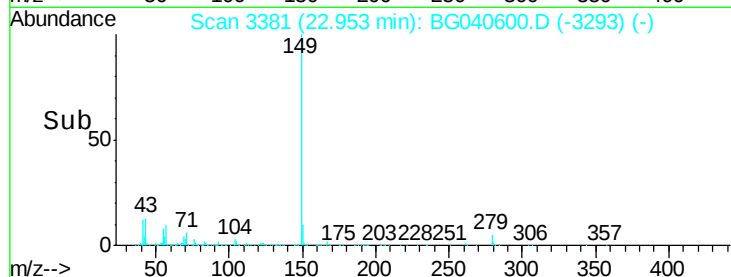


Abundance Ion 149.00 (148.70 to 149.70): E

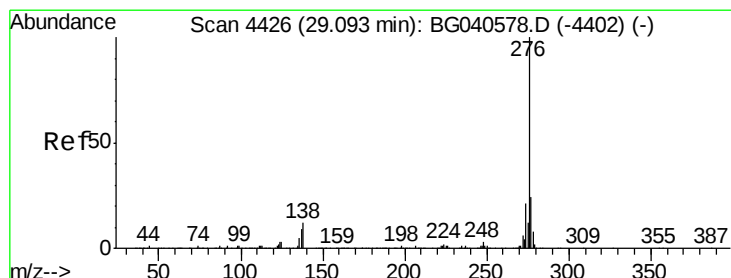
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time--> 22.80 22.90 23.00



Time--> 22.80 22.90 23.00



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.016 ng

RT: 29.08 min Scan# 4423

Delta R.T. -0.02 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

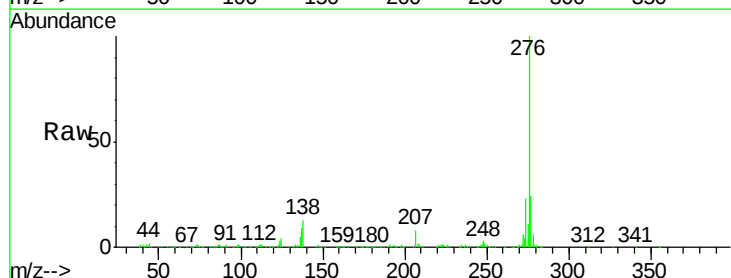
Tgt Ion:276 Resp: 1018317

Ion Ratio Lower Upper

276 100

138 10.1 9.8 14.6

277 25.7 17.3 25.9

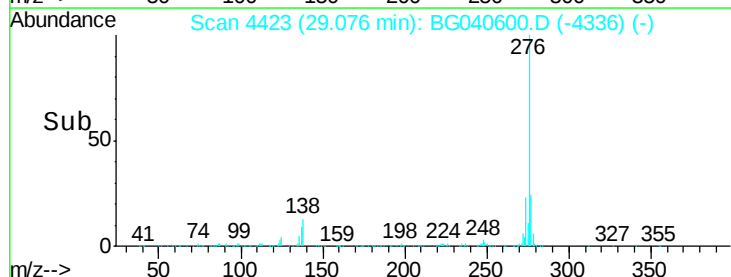


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time--> 28.80 29.00 29.20



Time--> 28.80 29.00 29.20



#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

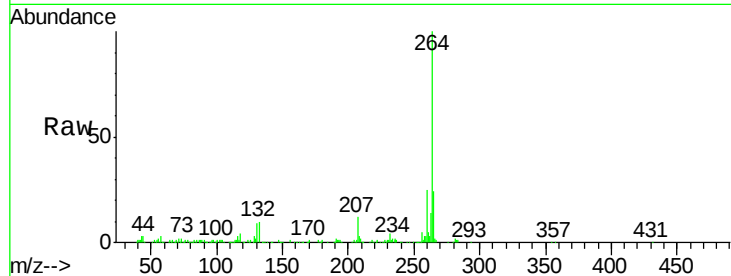
Tot Ion:264 Resp: 330376

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

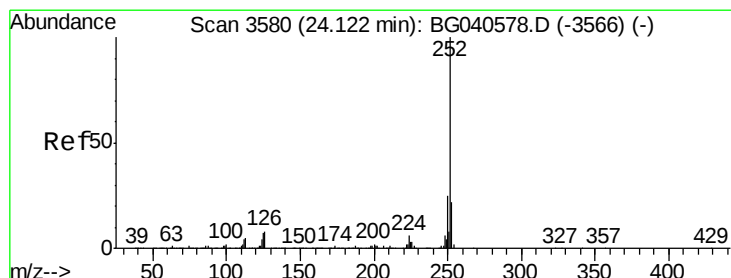
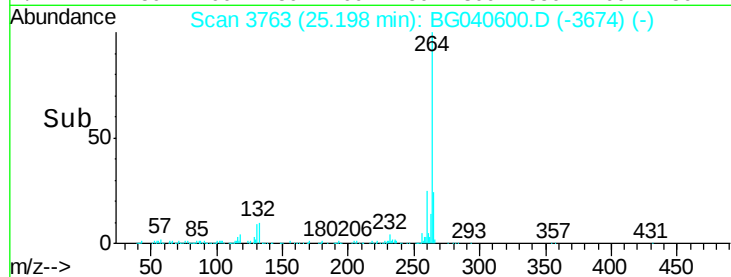
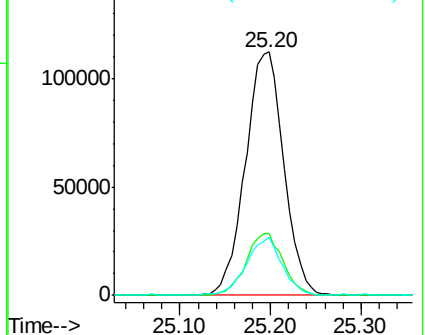
265 23.6 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.341 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

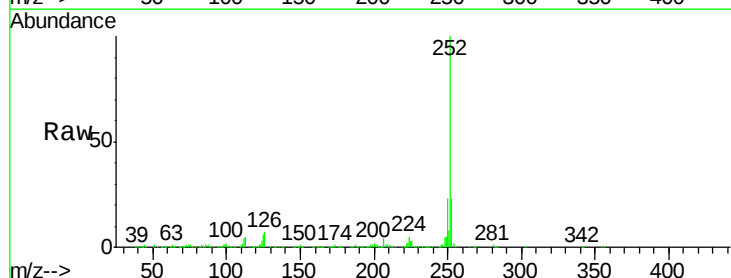
Tgt Ion:252 Resp: 875007

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

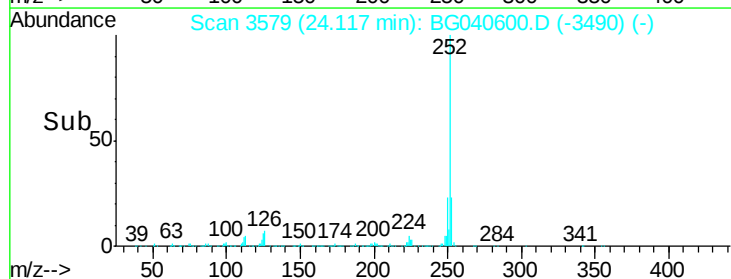
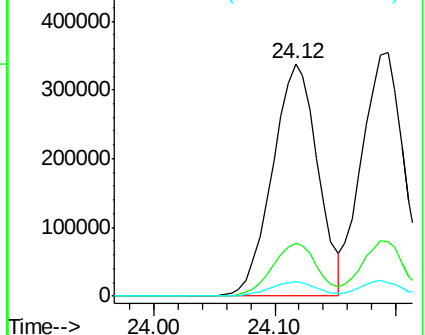
125 6.3 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

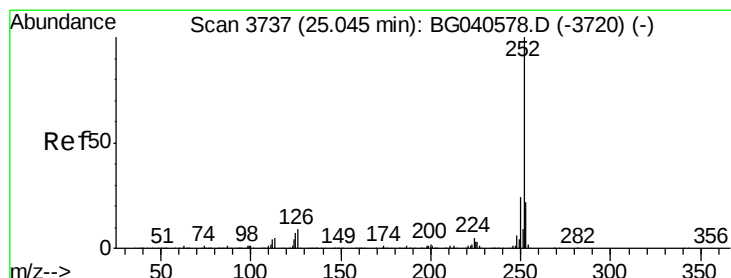
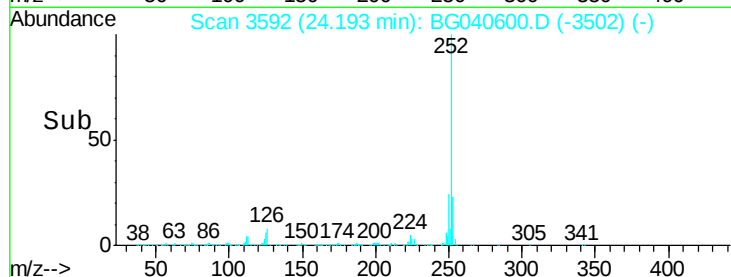
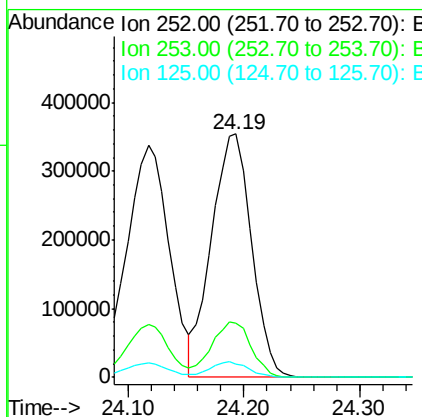
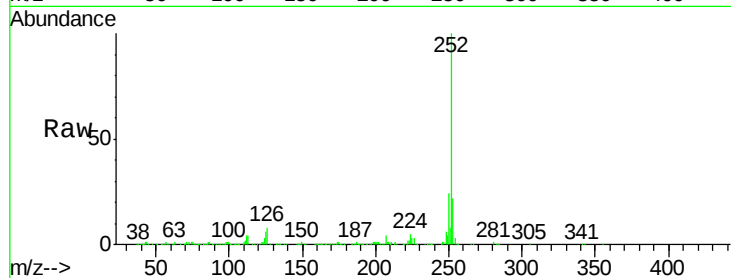




#89
Benzo(k)fluoranthene
Concen: 45.167 ng
RT: 24.19 min Scan# 3592
Delta R.T. 0.00 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

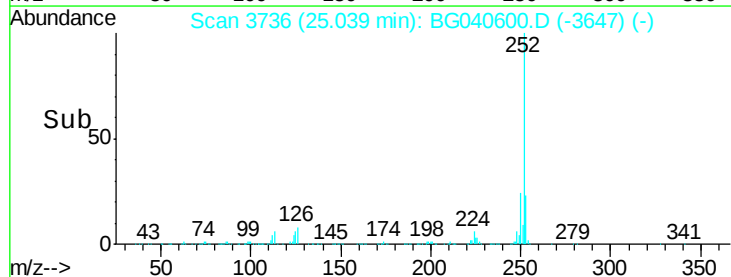
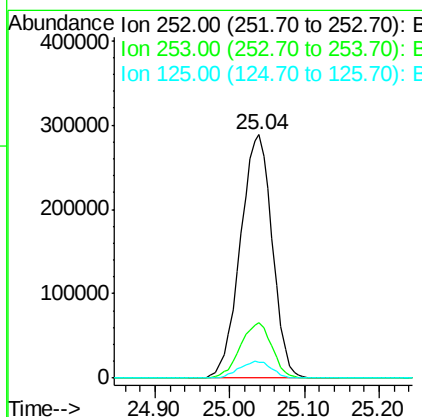
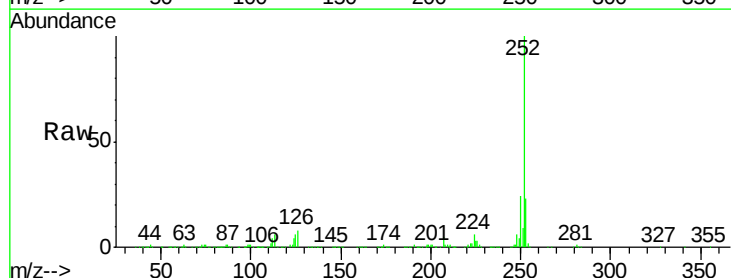
Instrument :
BNA_G
ClientSampled :

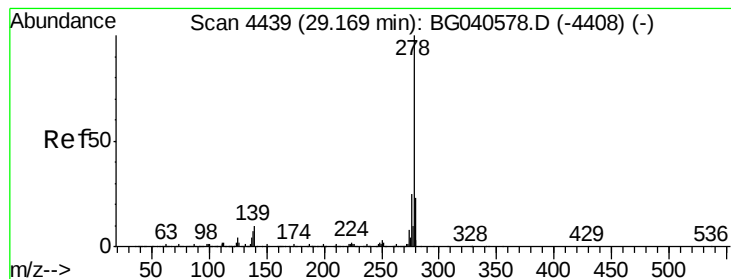
Tot Ion:252 Resp: 851588
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 5.6 5.5 8.3



#90
Benzo(a)pyrene
Concen: 44.717 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG040600.D
Acq: 24 Apr 2019 19:11

Tgt Ion:252 Resp: 854562
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 6.3 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 43.295 ng

RT: 29.15 min Scan# 4436

Delta R.T. -0.02 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

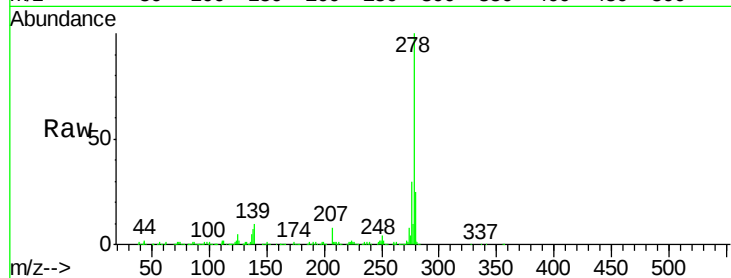
Tot Ion:278 Resp: 837288

Ion Ratio Lower Upper

278 100

139 10.1 8.2 12.4

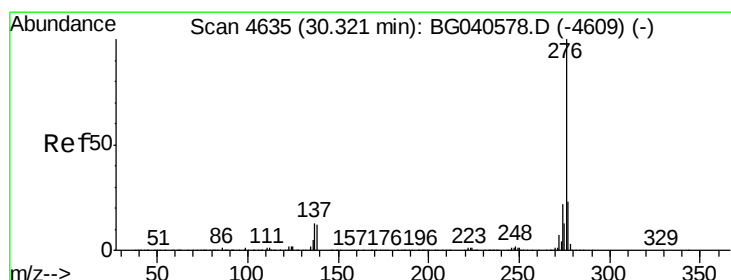
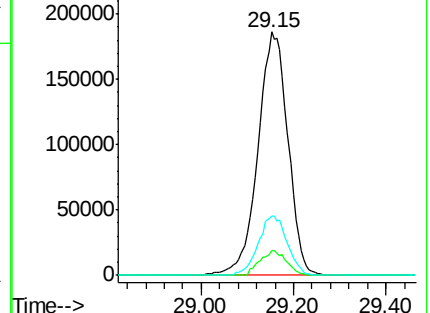
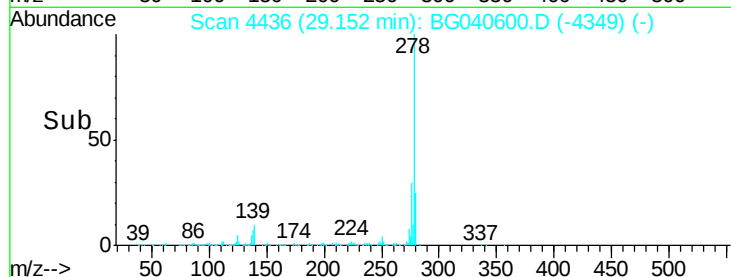
279 24.5 18.5 27.7



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(g,h,i)perylene

Concen: 43.600 ng

RT: 30.30 min Scan# 4631

Delta R.T. -0.02 min

Lab File: BG040600.D

Acq: 24 Apr 2019 19:11

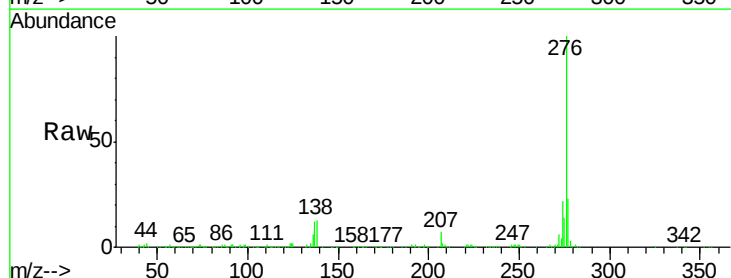
Tgt Ion:276 Resp: 839167

Ion Ratio Lower Upper

276 100

277 23.1 18.4 27.6

138 13.5 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

