

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039818.D
 Acq On : 8 Mar 2019 13:02
 Operator : JU/SJ
 Sample : PB117728BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:10:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40858	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	184904	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	130727	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	324028	20.00	ng	0.00
76) Chrysene-d12	21.81	240	318387	20.00	ng	-0.01
87) Perylene-d12	25.18	264	309176	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	353472	147.59	ng	0.00
7) Phenol-d6	7.31	99	503404	140.97	ng	0.00
23) Nitrobenzene-d5	9.33	82	265124	77.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	205223	134.69	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	661011	71.99	ng	-0.01
79) Terphenyl-d14	20.12	244	1092691	75.57	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	36793	33.276	ng	97
3) Pyridine	3.99	79	95316	32.200	ng	92
4) n-Nitrosodimethylamine	3.91	42	53575	38.152	ng	86
6) Aniline	7.48	93	138499	29.603	ng	98
8) 2-Chlorophenol	7.72	128	125748	43.279	ng	96
9) Benzaldehyde	7.29	77	76089	33.032	ng	94
10) Phenol	7.33	94	169565	43.832	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	114487	37.958	ng	98
12) 1,3-Dichlorobenzene	8.04	146	121969	37.117	ng	98
13) 1,4-Dichlorobenzene	8.19	146	126018	37.649	ng	94
14) 1,2-Dichlorobenzene	8.51	146	123311	38.130	ng	98
15) Benzyl Alcohol	8.39	79	119174	42.071	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	224965	37.293	ng	99
17) 2-Methylphenol	8.59	107	108730	44.079	ng	97
18) Hexachloroethane	9.24	117	44568	37.109	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	94977	36.951	ng	94
20) 3+4-Methylphenols	8.91	107	151551	44.225	ng	97
22) Acetophenone	8.99	105	184509	37.179	ng	# 94
24) Nitrobenzene	9.37	77	144510	40.292	ng	98
25) Isophorone	9.89	82	276730	38.630	ng	99
26) 2-Nitrophenol	10.08	139	70135	40.501	ng	99
27) 2,4-Dimethylphenol	10.12	122	131565	48.850	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	169244	38.877	ng	97
29) 2,4-Dichlorophenol	10.61	162	137048	45.196	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	138024	40.451	ng	97
31) Naphthalene	11.03	128	382763	39.098	ng	99
32) Benzoic acid	10.26	122	71614	40.002	ng	100
33) 4-Chloroaniline	11.14	127	106715	25.706	ng	97
34) Hexachlorobutadiene	11.29	225	85762	36.782	ng	91
35) Caprolactam	11.92	113	32301	27.886	ng	92
36) 4-Chloro-3-methylphenol	12.24	107	151085	43.466	ng	97
37) 2-Methylnaphthalene	12.62	142	299449	40.913	ng	94
38) 1-Methylnaphthalene	12.84	142	281763	39.613	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	165448	37.358	ng	99

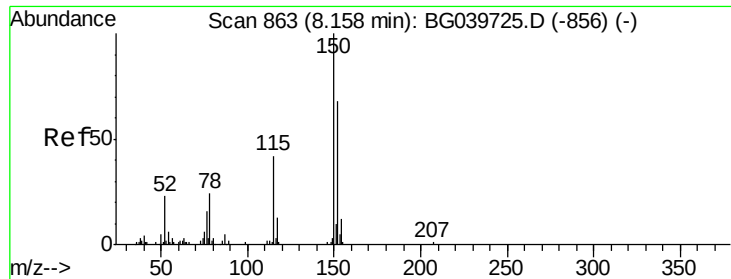
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039818.D
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	194752	82.057	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	116161	44.801	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	124830	42.713	ng	98
46) 1,1'-Biphenyl	13.61	154	406500	37.806	ng	99
47) 2-Chloronaphthalene	13.67	162	319616	39.514	ng	98
48) 2-Nitroaniline	13.87	65	110202	42.394	ng	96
49) Acenaphthylene	14.51	152	504664	38.006	ng	99
50) Dimethylphthalate	14.23	163	422726	38.671	ng	99
51) 2,6-Dinitrotoluene	14.36	165	95855	41.364	ng	93
52) Acenaphthene	14.85	154	310559	38.859	ng	99
53) 3-Nitroaniline	14.70	138	71150	30.544	ng	# 97
54) 2,4-Dinitrophenol	14.89	184	92966	64.690	ng	95
55) Dibenzofuran	15.18	168	507947	38.738	ng	99
56) 4-Nitrophenol	14.99	139	164756	79.063	ng	87
57) 2,4-Dinitrotoluene	15.14	165	137861	42.338	ng	# 87
58) Fluorene	15.82	166	402216	39.019	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	125469	43.959	ng	96
60) Diethylphthalate	15.58	149	432086	39.930	ng	100
61) 4-Chlorophenyl-phenylether	15.81	204	214604	39.014	ng	97
62) 4-Nitroaniline	15.86	138	102534	40.601	ng	95
63) Azobenzene	16.10	77	384083	39.156	ng	95
65) 4,6-Dinitro-2-methylphenol	15.90	198	72345	37.761	ng	92
66) n-Nitrosodiphenylamine	16.03	169	375022	39.978	ng	97
67) 4-Bromophenyl-phenylether	16.70	248	141028	38.883	ng	95
68) Hexachlorobenzene	16.82	284	145612	38.731	ng	93
69) Atrazine	16.97	200	150316	40.715	ng	97
70) Pentachlorophenol	17.17	266	181948	76.630	ng	97
71) Phenanthrene	17.57	178	685304	38.397	ng	99
72) Anthracene	17.66	178	697395	40.097	ng	98
73) Carbazole	17.93	167	613315	39.116	ng	98
74) Di-n-butylphthalate	18.46	149	752682	40.800	ng	99
75) Fluoranthene	19.57	202	826517	39.184	ng	99
77) Benzidine	19.75	184	314293	31.108	ng	97
78) Pyrene	19.93	202	807106	39.011	ng	99
80) Butylbenzylphthalate	20.80	149	347044	43.297	ng	94
81) Benzo(a)anthracene	21.79	228	768668	38.522	ng	98
82) 3,3'-Dichlorobenzidine	21.70	252	209925	28.815	ng	97
83) Chrysene	21.86	228	746863	38.607	ng	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	483606	42.935	ng	99
85) Di-n-octyl phthalate	22.91	149	819273	43.929	ng	95
86) Indeno(1,2,3-cd)pyrene	29.06	276	878876	40.047	ng	# 95
88) Benzo(b)fluoranthene	24.11	252	779640	42.287	ng	99
89) Benzo(k)fluoranthene	24.18	252	740855	43.169	ng	100
90) Benzo(a)pyrene	25.02	252	750400	44.046	ng	98
91) Dibenzo(a,h)anthracene	29.12	278	713417	42.715	ng	99
92) Benzo(g,h,i)perylene	30.29	276	713309	42.524	ng	98

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

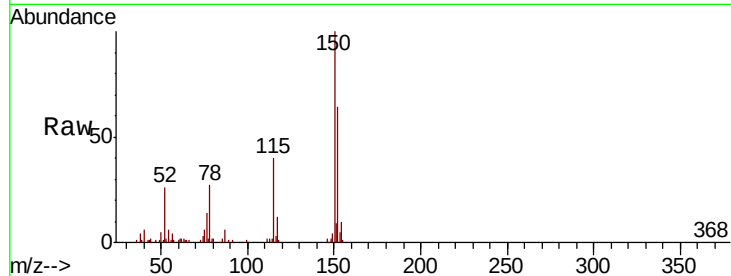


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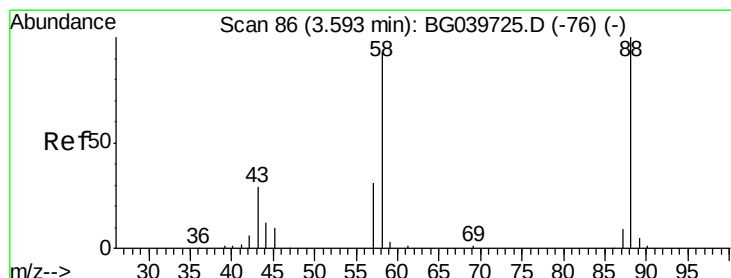
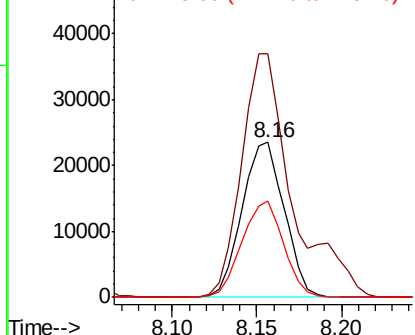
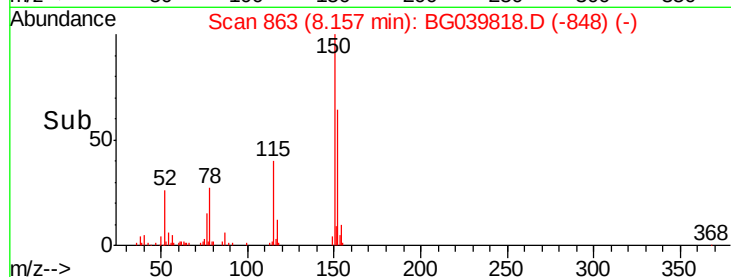
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 40858
Ion Ratio Lower Upper
152 100
150 157.0 123.7 185.5
115 62.5 45.9 68.9



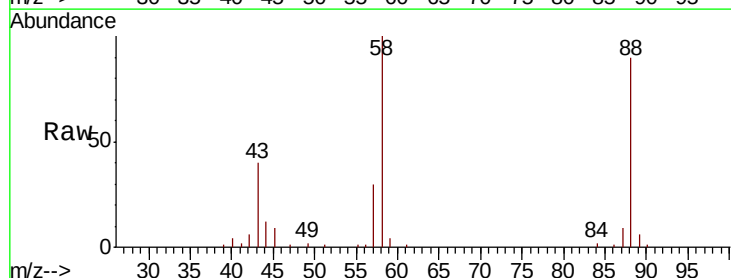
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



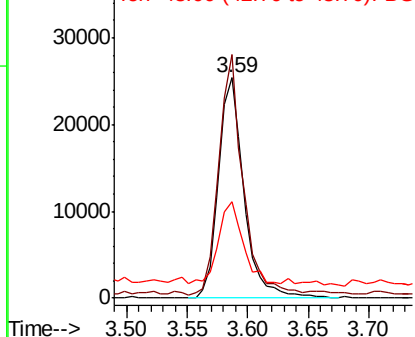
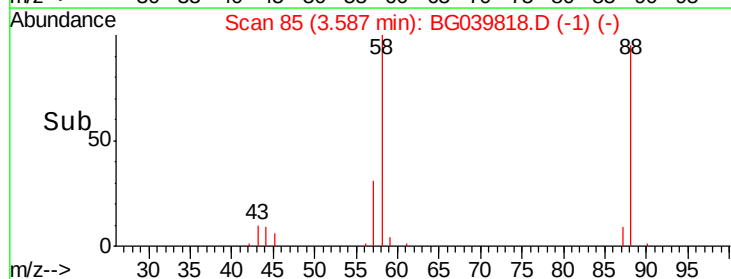
#2

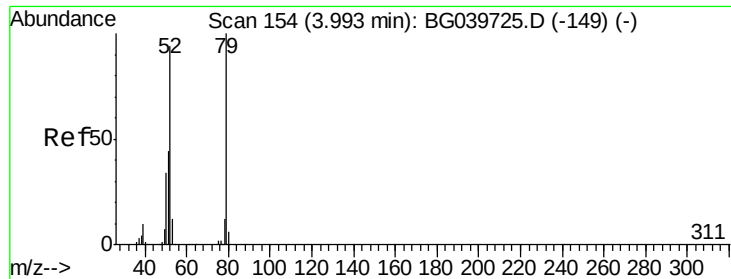
1,4-Dioxane
Concen: 33.276 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion: 88 Resp: 36793
Ion Ratio Lower Upper
88 100
58 102.9 81.1 121.7
43 35.7 31.4 47.0



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: 32.200 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

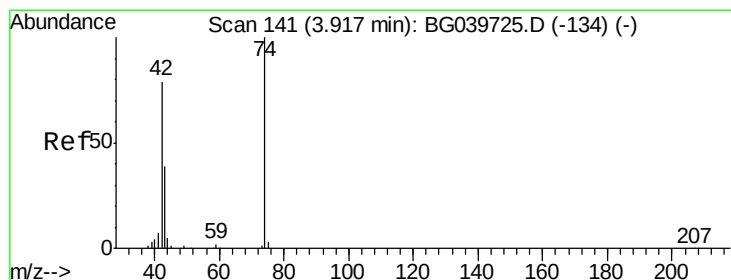
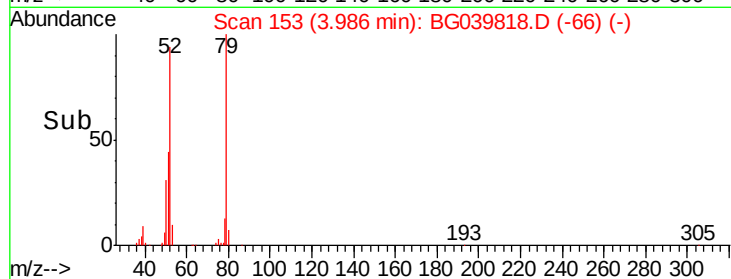
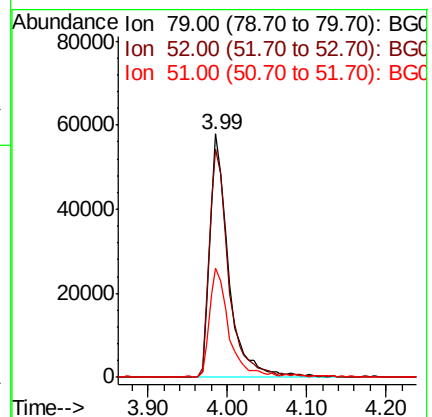
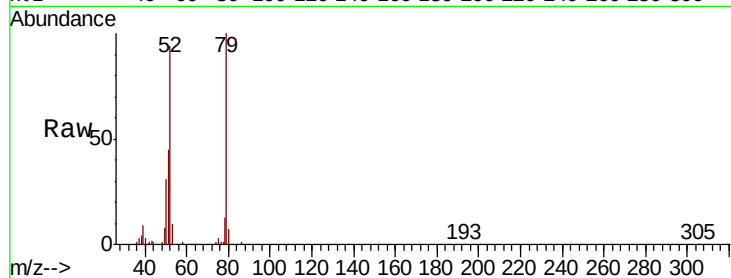
Tot Ion: 79 Resp: 95316

Ion Ratio Lower Upper

79 100

52 93.5 82.6 124.0

51 44.7 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.152 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

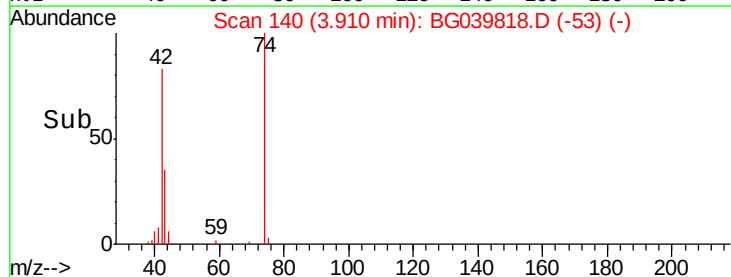
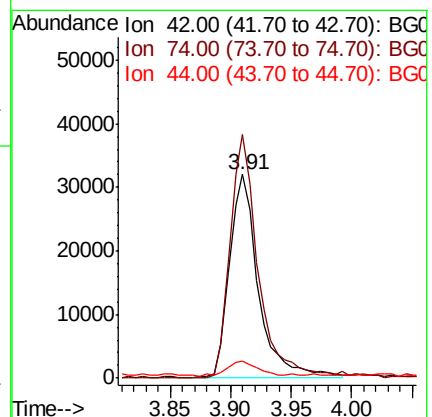
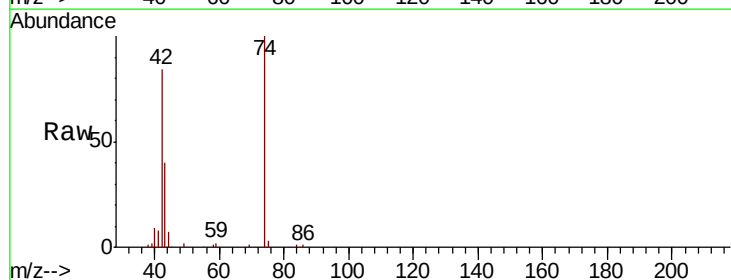
Tgt Ion: 42 Resp: 53575

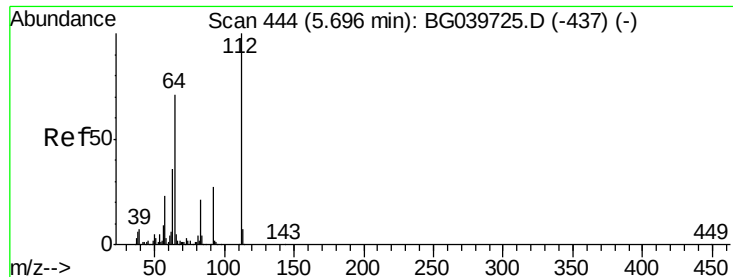
Ion Ratio Lower Upper

42 100

74 119.7 83.6 125.4

44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 147.591 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampled :

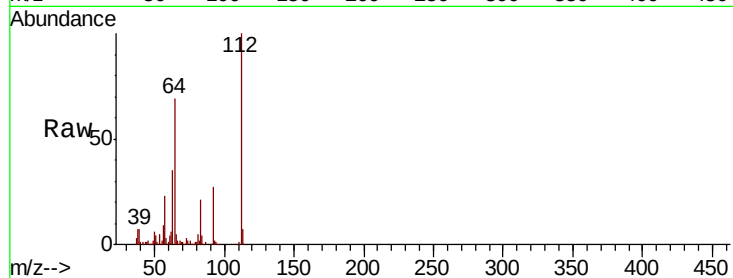
Tot Ion:112 Resp: 353472

Ion Ratio Lower Upper

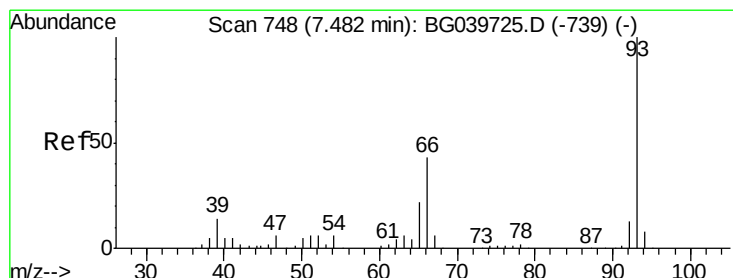
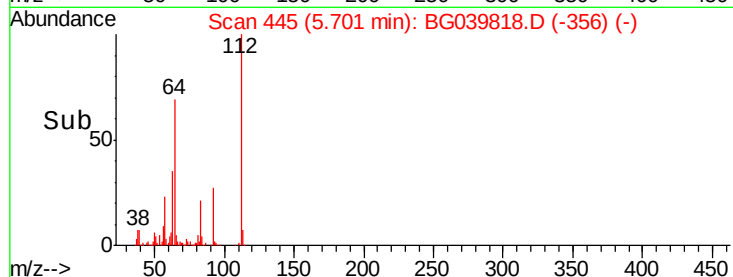
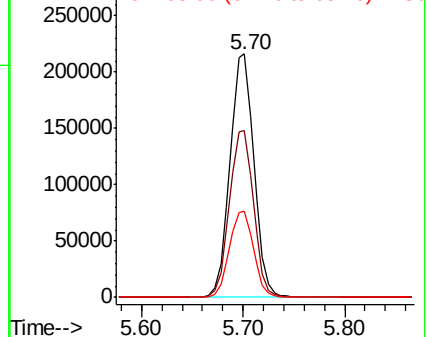
112 100

64 68.5 57.8 86.8

63 35.5 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.603 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

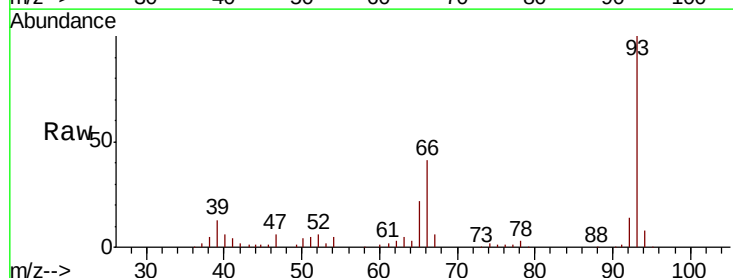
Tgt Ion: 93 Resp: 138499

Ion Ratio Lower Upper

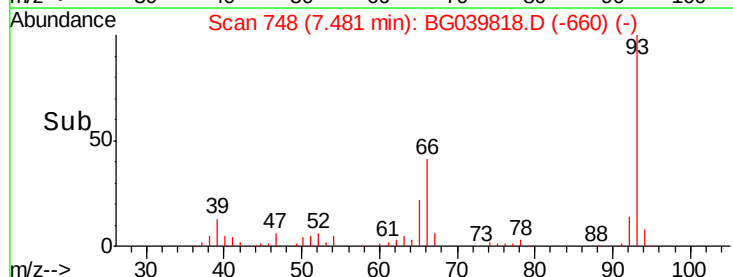
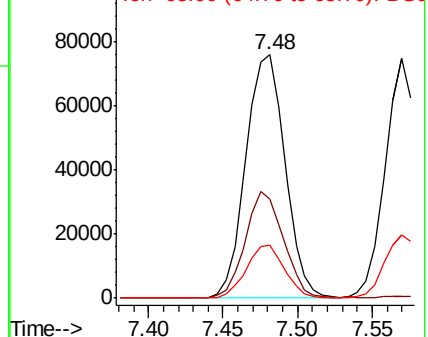
93 100

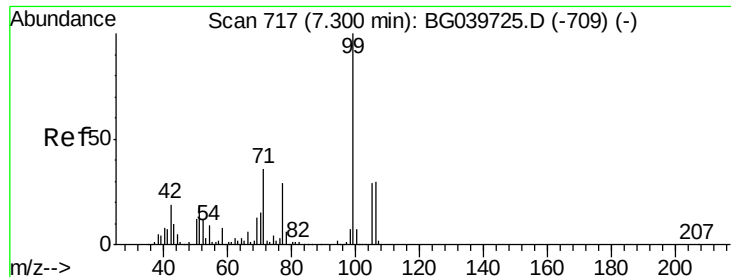
66 40.6 34.2 51.4

65 21.9 17.7 26.5



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: 140.970 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

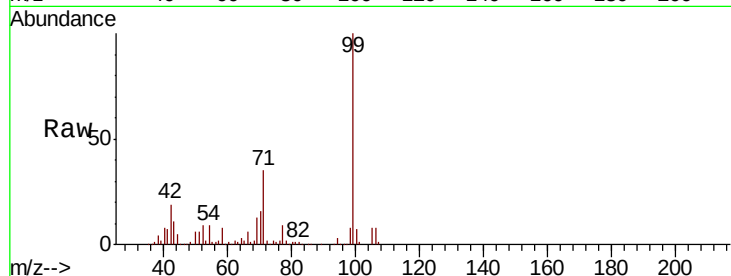
Tot Ion: 99 Resp: 503404

Ion Ratio Lower Upper

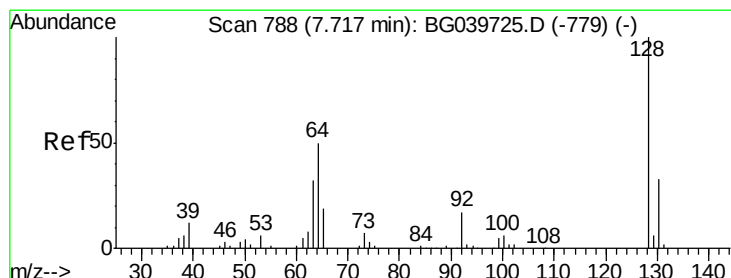
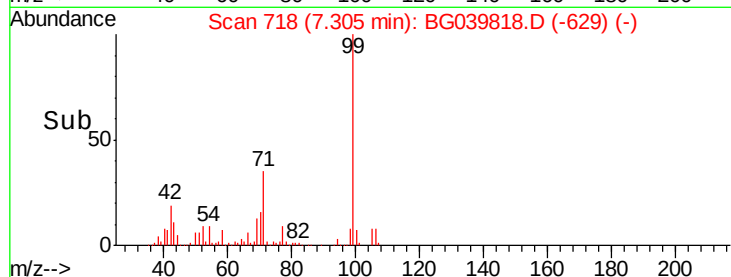
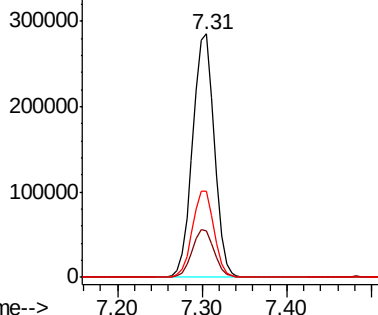
99 100

42 19.0 18.2 27.2

71 35.5 28.0 42.0



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: 43.279 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

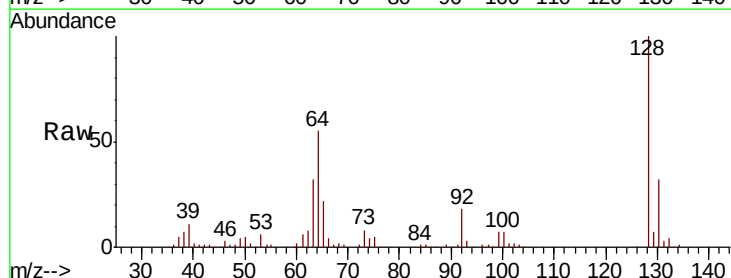
Tgt Ion: 128 Resp: 125748

Ion Ratio Lower Upper

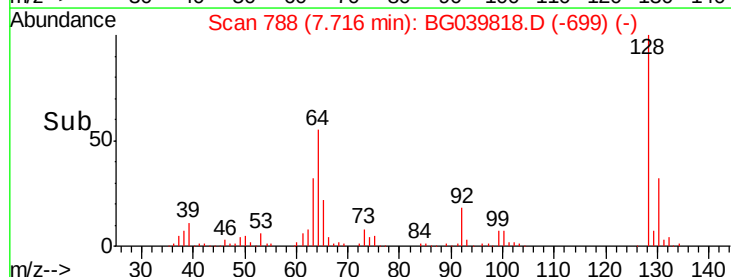
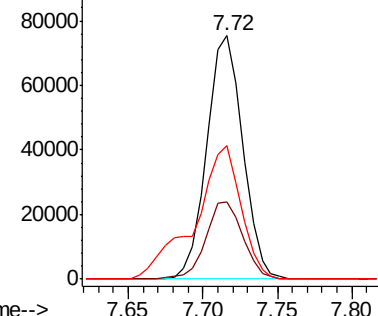
128 100

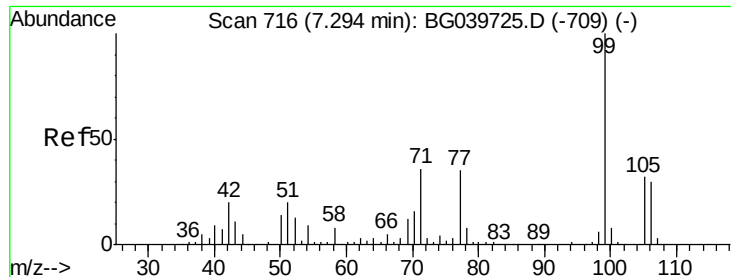
130 31.6 12.9 52.9

64 54.9 38.7 78.7



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: 33.032 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampled :

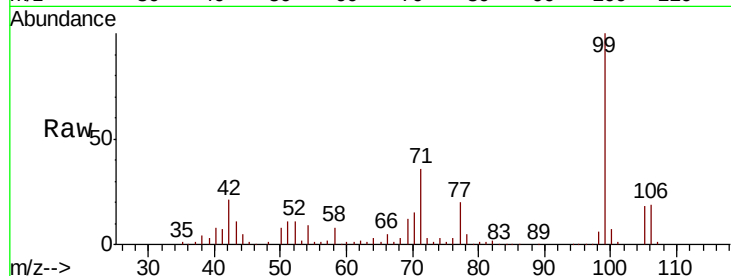
Tot Ion: 77 Resp: 76089

Ion Ratio Lower Upper

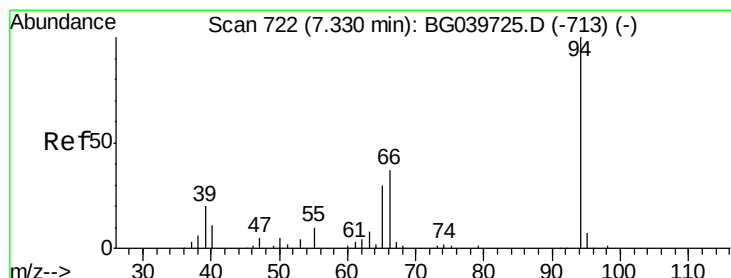
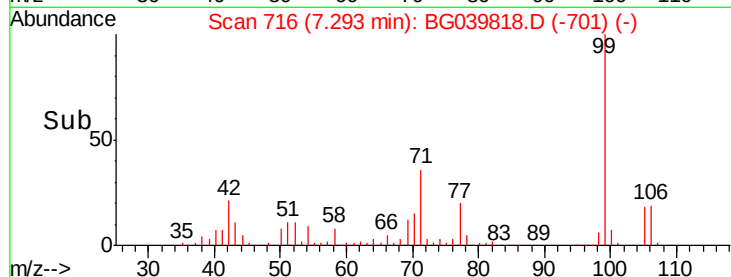
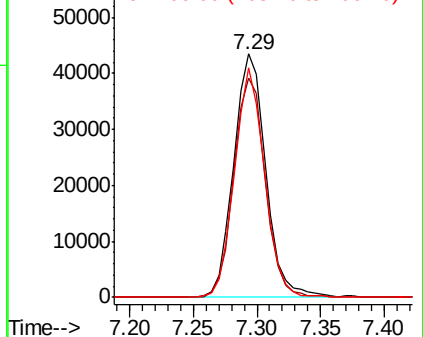
77 100

105 90.3 74.5 114.5

106 94.4 68.0 108.0



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: 43.832 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

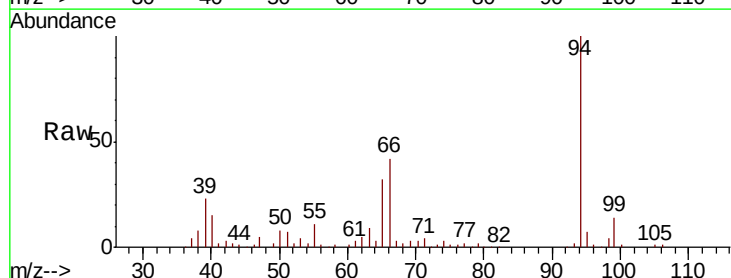
Tgt Ion: 94 Resp: 169565

Ion Ratio Lower Upper

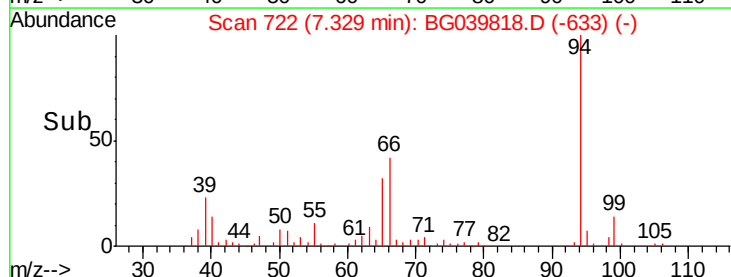
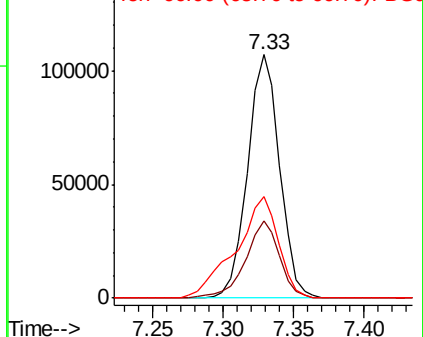
94 100

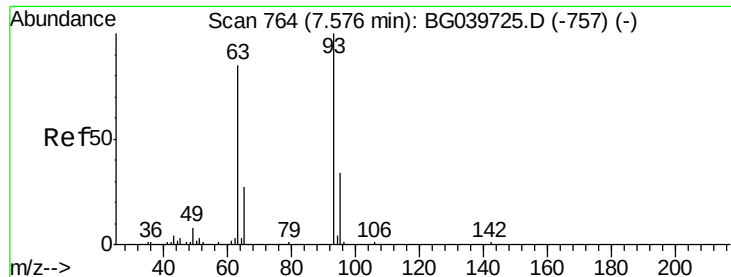
65 31.7 11.7 51.7

66 41.8 23.7 63.7



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: 37.958 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampled :

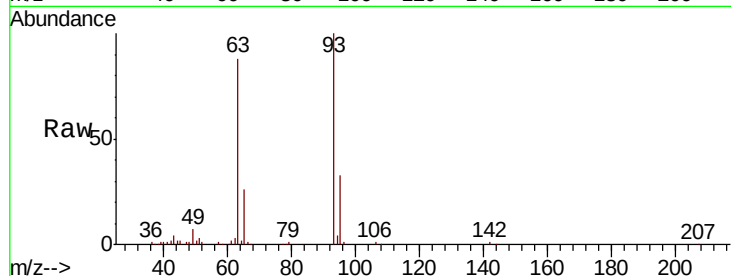
Tot Ion: 93 Resp: 114487

Ion Ratio Lower Upper

93 100

63 87.5 69.5 109.5

95 32.8 12.7 52.7

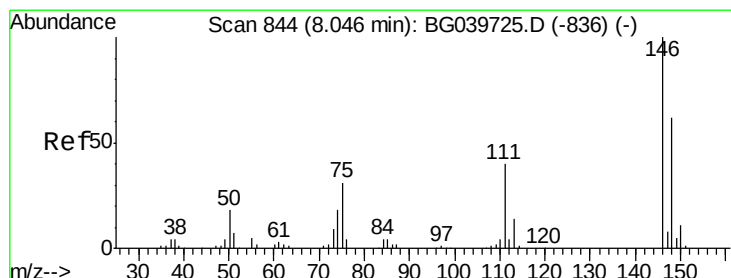
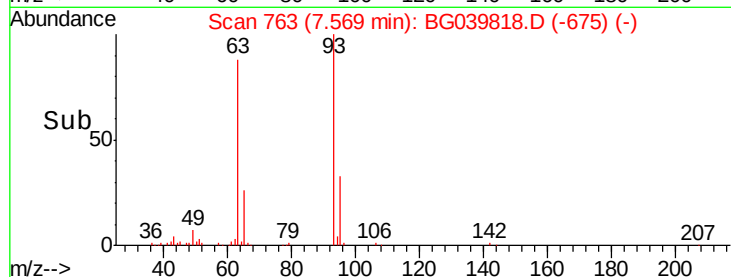
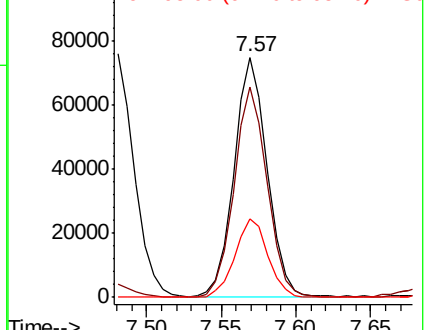


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 37.117 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

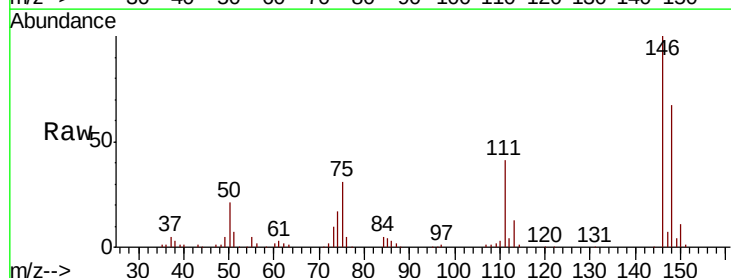
Tgt Ion: 146 Resp: 121969

Ion Ratio Lower Upper

146 100

148 67.2 52.6 79.0

75 31.1 25.8 38.6

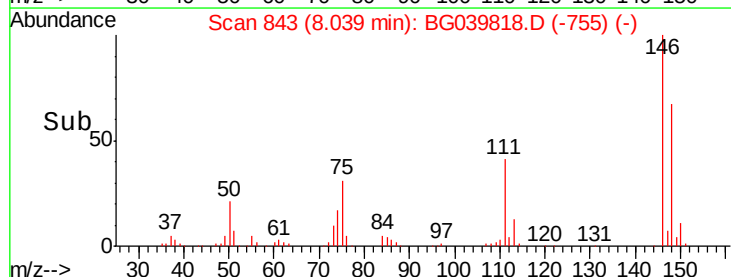
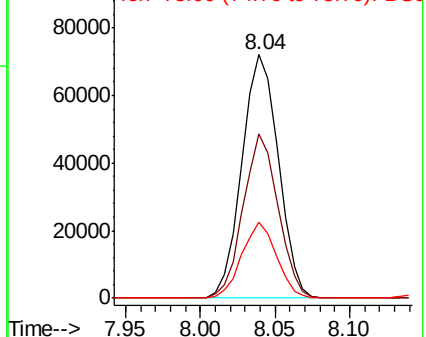


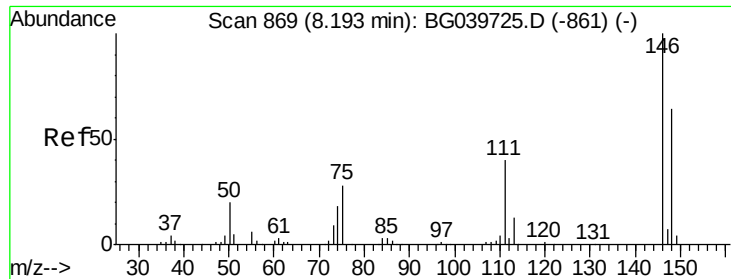
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

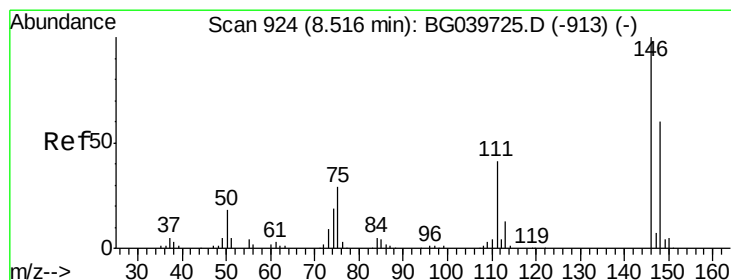
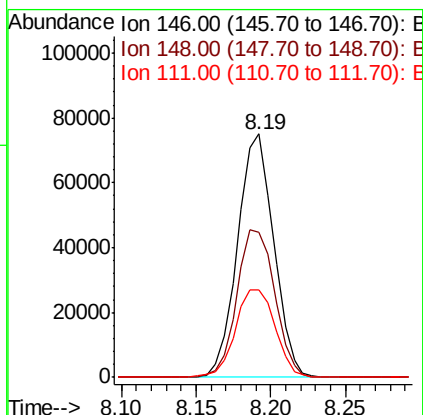
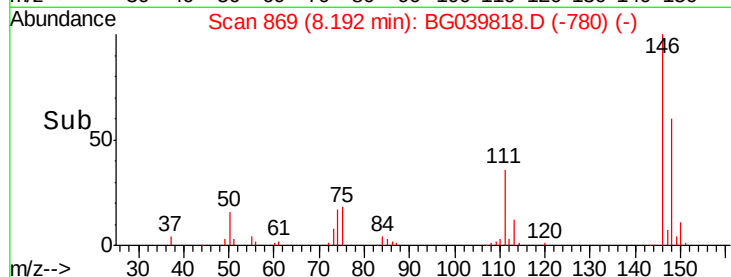
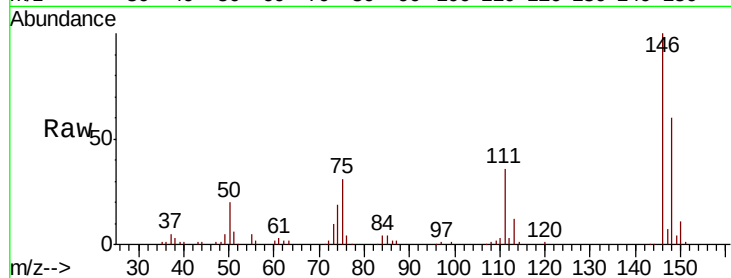




#13
 1,4-Dichlorobenzene
 Concen: 37.649 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

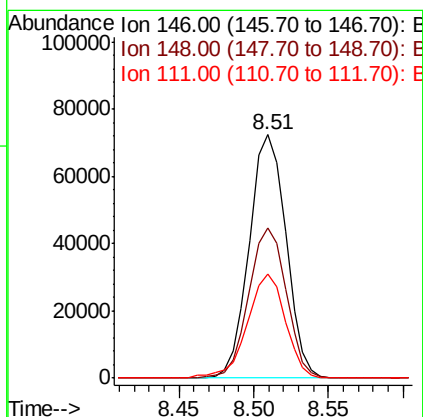
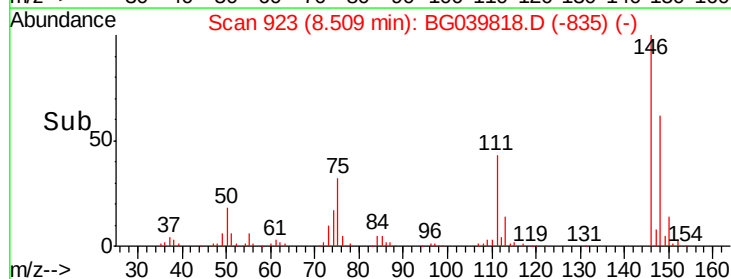
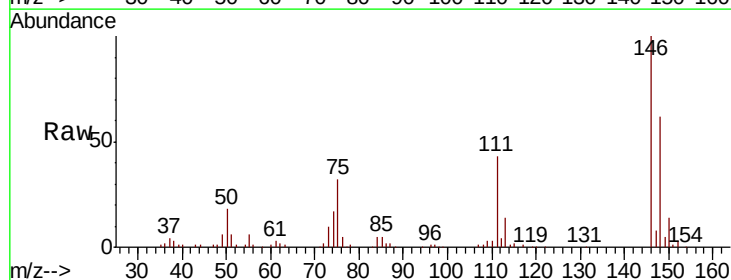
Instrument :
 BNA_G
 ClientSampled :

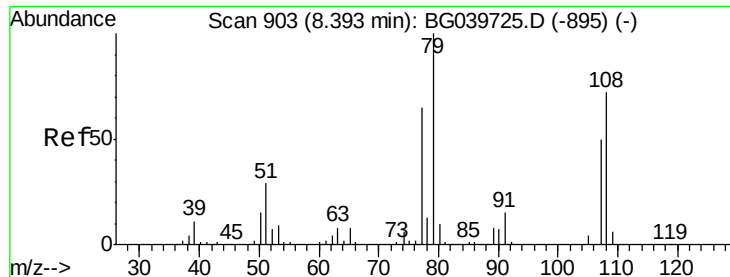
Tot Ion:146 Resp: 126018
 Ion Ratio Lower Upper
 146 100
 148 59.6 51.1 76.7
 111 35.9 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 38.130 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion:146 Resp: 123311
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.5 77.3
 111 42.5 33.8 50.6





#15

Benzyl Alcohol

Concen: 42.071 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampled :

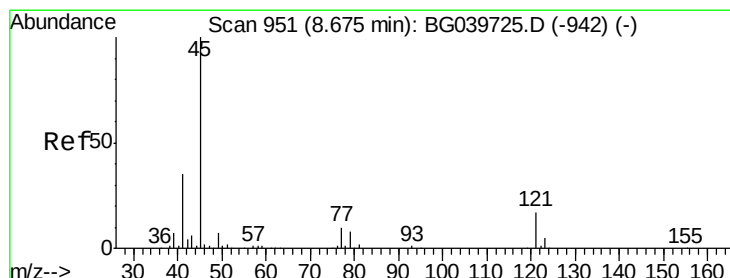
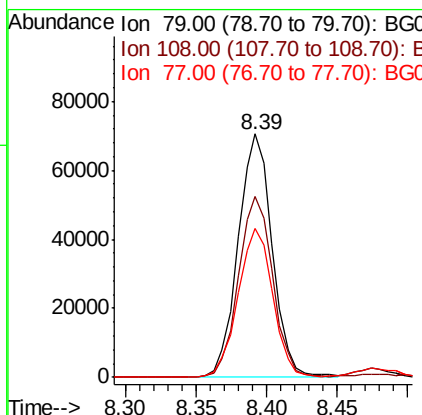
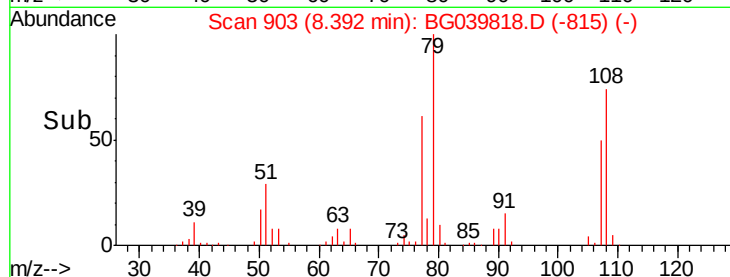
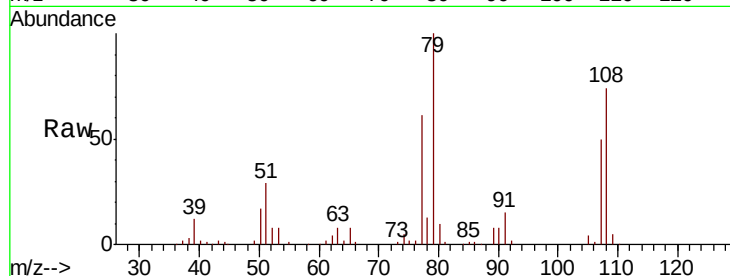
Tot Ion: 79 Resp: 119174

Ion Ratio Lower Upper

79 100

108 74.2 57.8 86.6

77 61.3 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.293 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

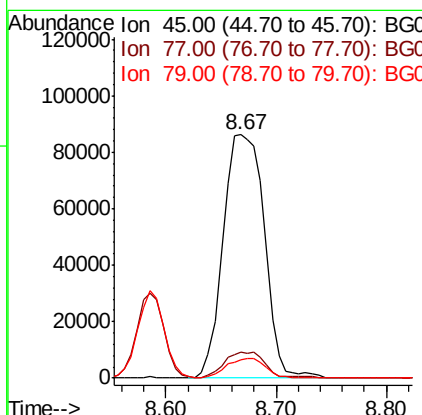
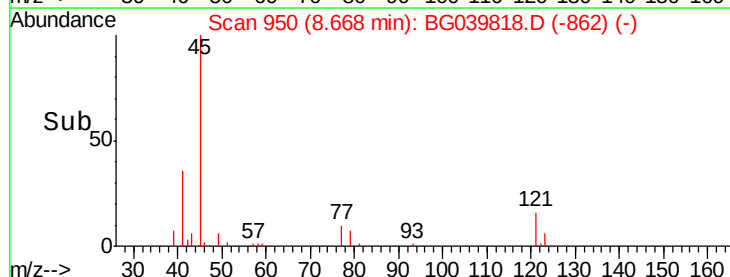
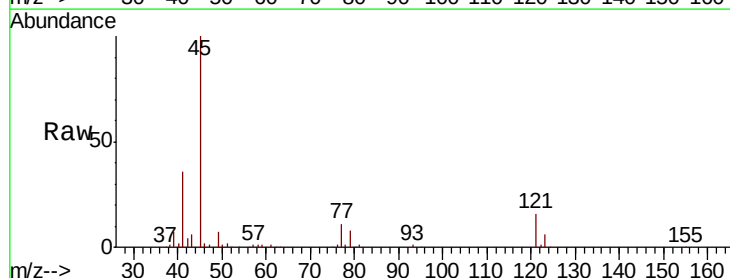
Tgt Ion: 45 Resp: 224965

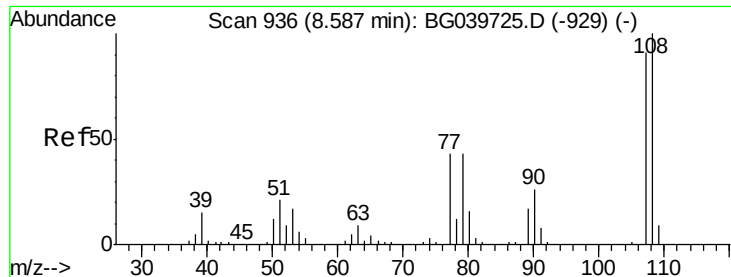
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.0

79 7.6 0.0 27.5

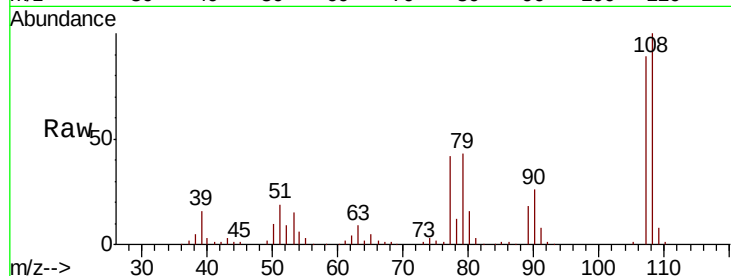




#17
2-Methylphenol
Concen: 44.079 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	108730
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.8	136.2
77	46.7	40.7	61.1
79	47.9	40.6	60.8



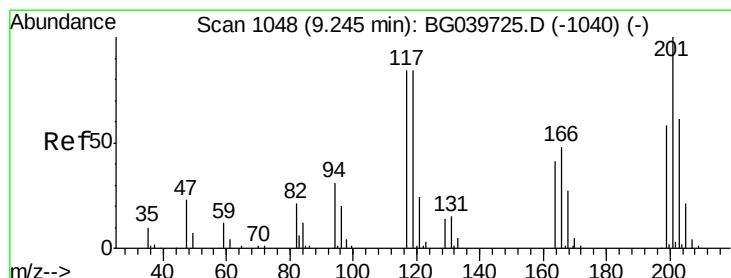
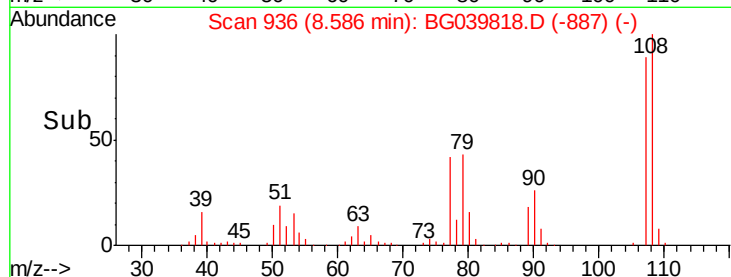
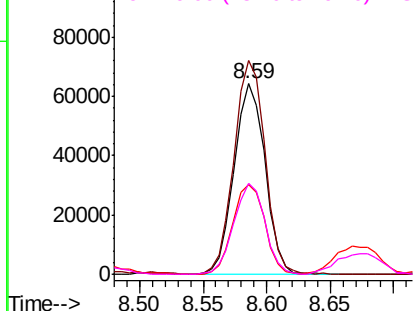
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

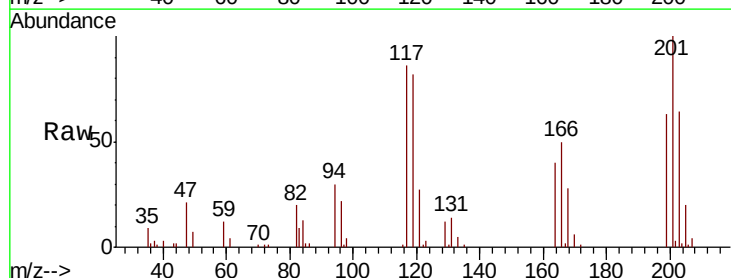
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.109 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion:	117	Resp:	44568
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.3	114.5
201	116.1	91.1	136.7

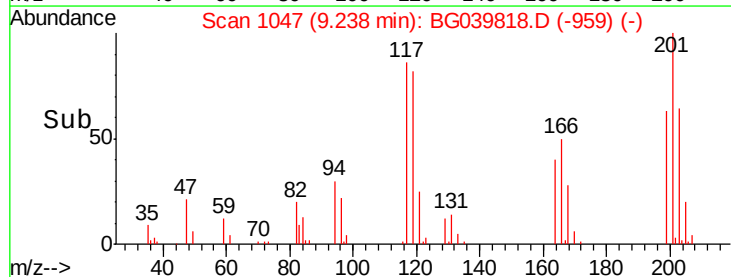
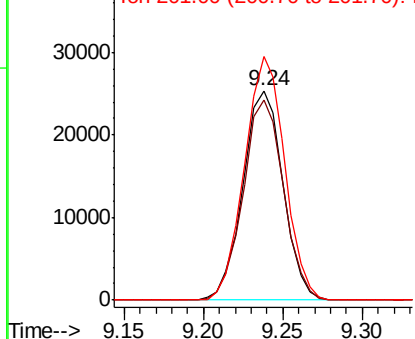


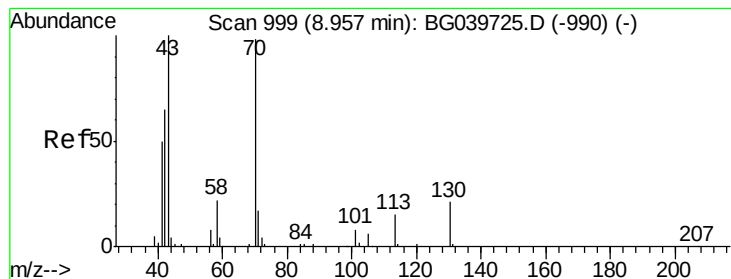
Abundance

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: 36.951 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 94977

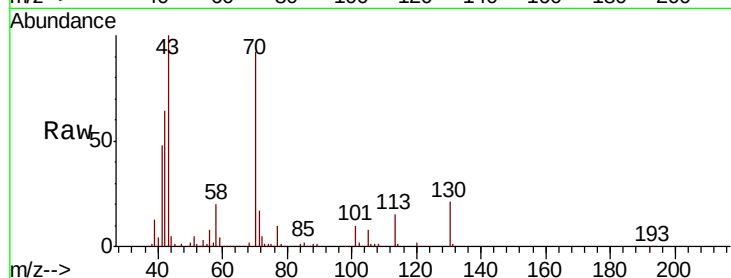
Ion Ratio Lower Upper

70 100

42 68.9 60.4 90.6

101 10.4 7.5 11.3

130 22.3 16.9 25.3

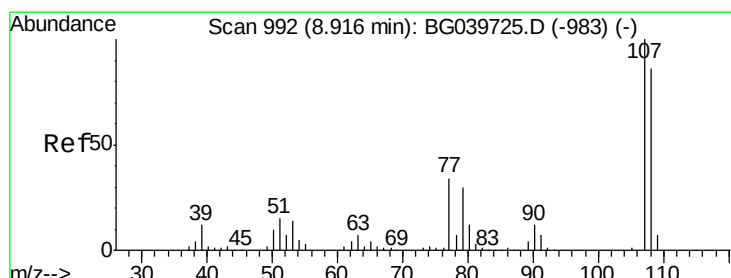
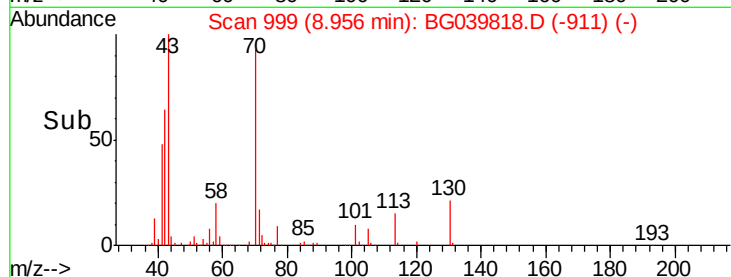
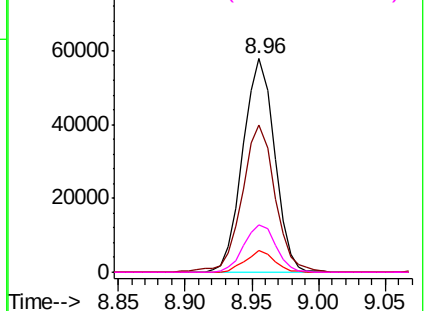


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 44.225 ng

RT: 8.91 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion:107 Resp: 151551

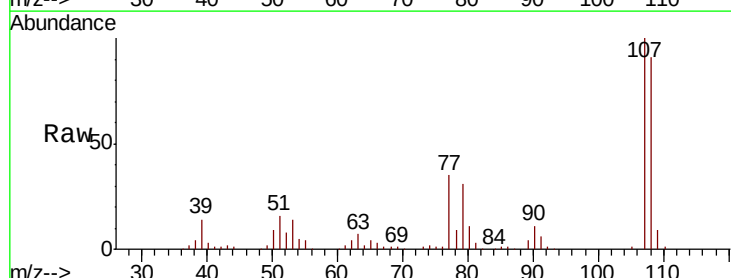
Ion Ratio Lower Upper

107 100

108 91.5 67.9 107.9

77 35.1 15.4 55.4

79 30.8 13.7 53.7

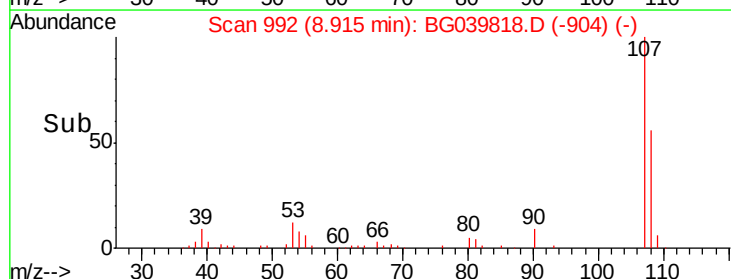
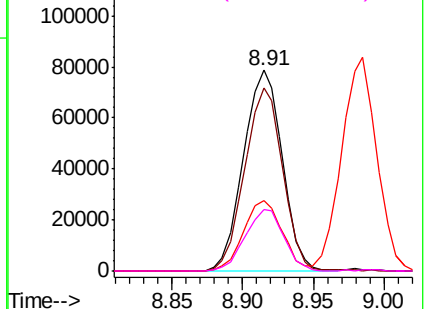


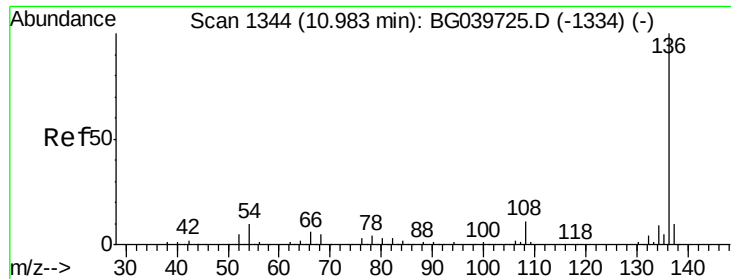
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 184904

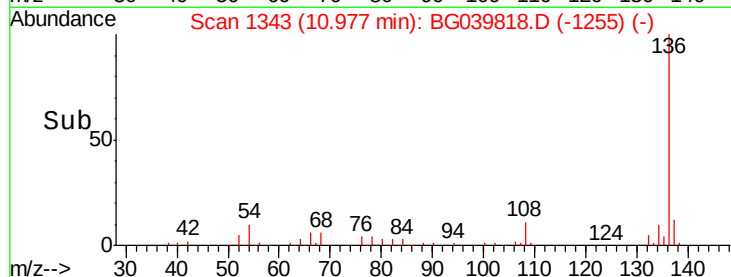
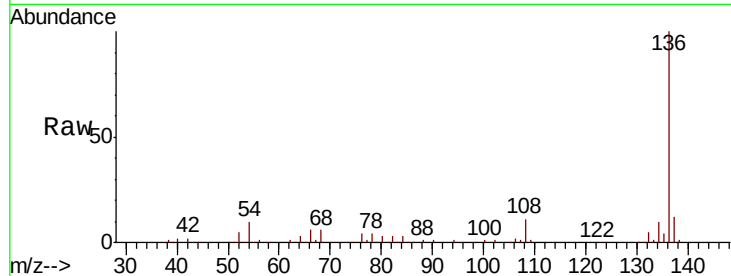
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 9.7 9.4 14.2

68 5.5 4.2 6.4

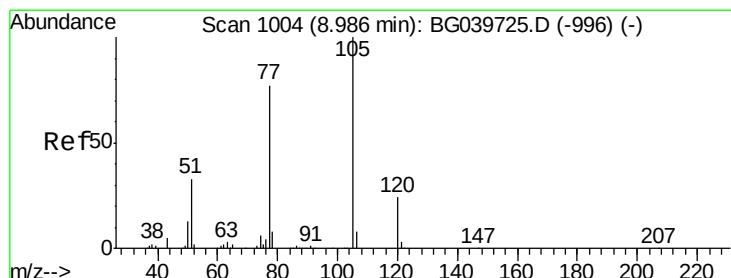
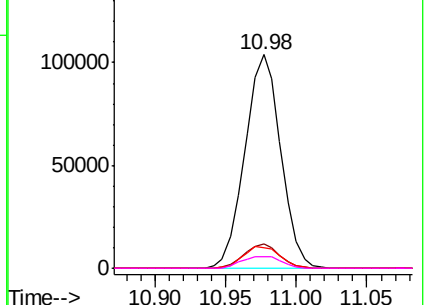


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.179 ng

RT: 8.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion:105 Resp: 184509

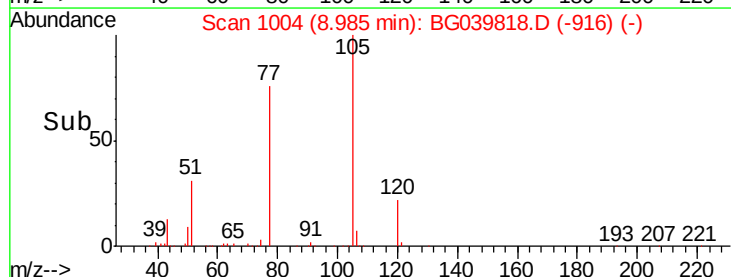
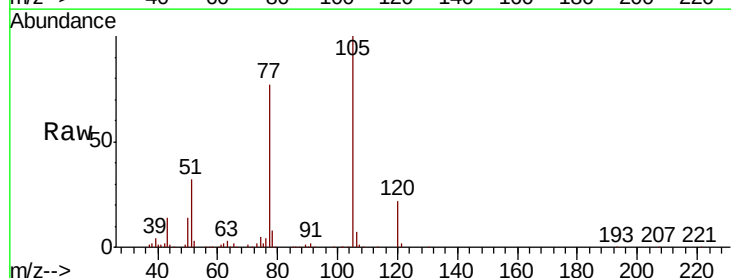
Ion Ratio Lower Upper

105 100

71 0.3 0.8 1.2#

51 31.8 30.2 45.2

120 22.4 18.0 27.0

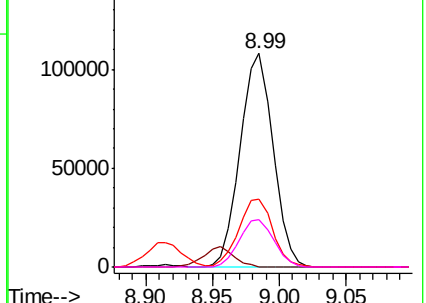


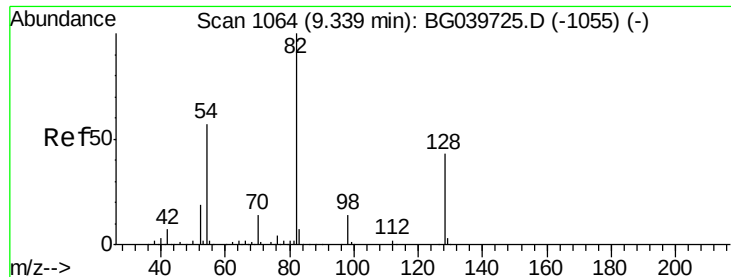
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

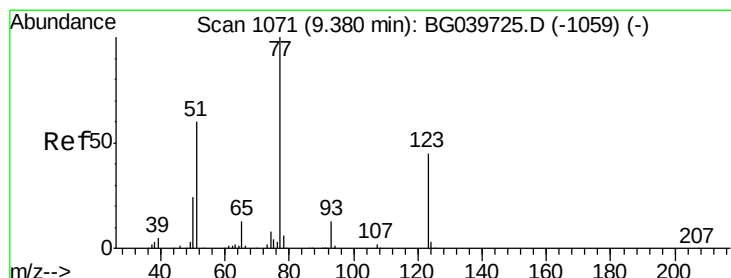
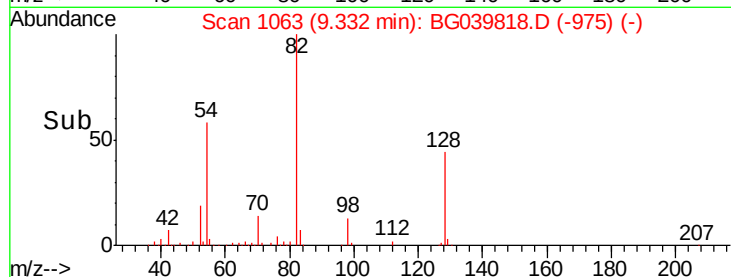
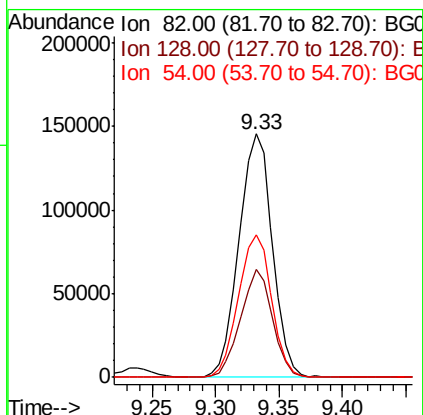
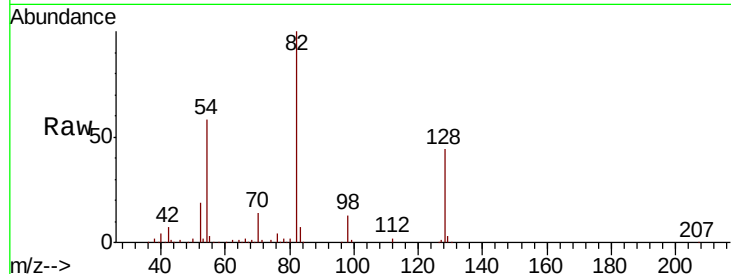




#23
 Nitrobenzene-d5
 Concen: 77.548 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

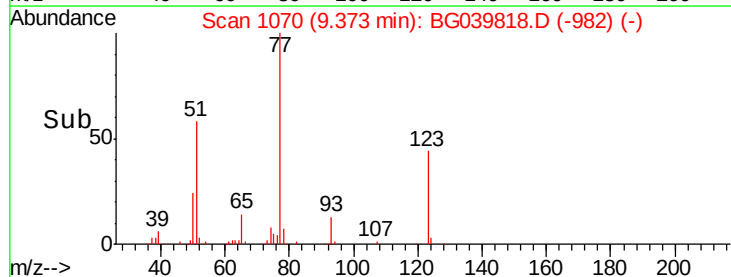
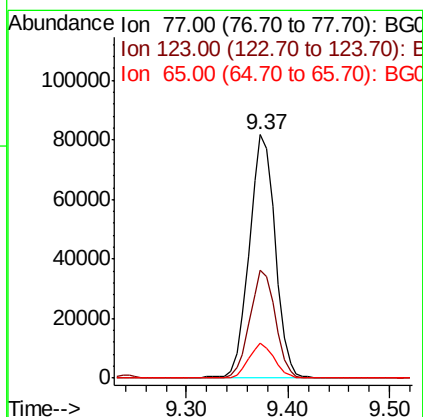
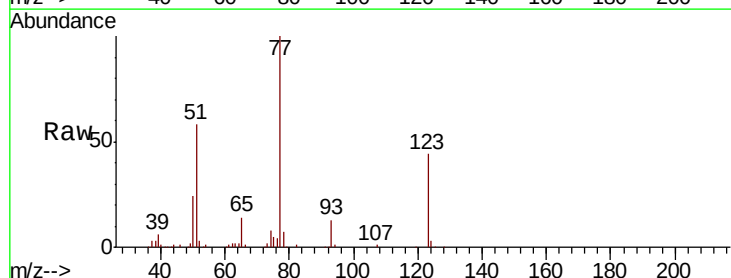
Instrument :
 BNA_G
 ClientSampleId :

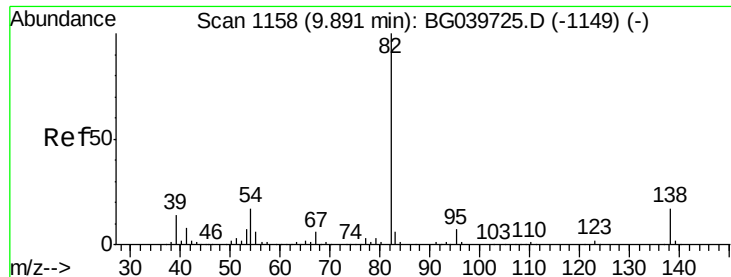
Tot Ion	82	Resp	265124
Ion Ratio	Lower	Upper	
82	100		
128	44.3	31.3	46.9
54	58.4	50.9	76.3



#24
 Nitrobenzene
 Concen: 40.292 ng
 RT: 9.37 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	77	Resp	144510
Ion Ratio	Lower	Upper	
77	100		
123	44.2	34.1	51.1
65	14.4	12.3	18.5

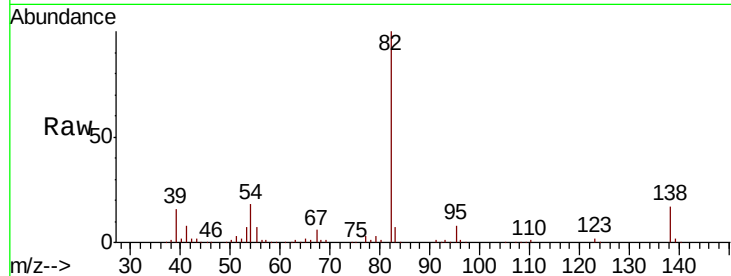




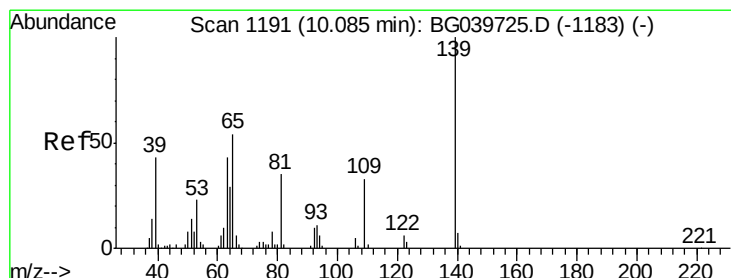
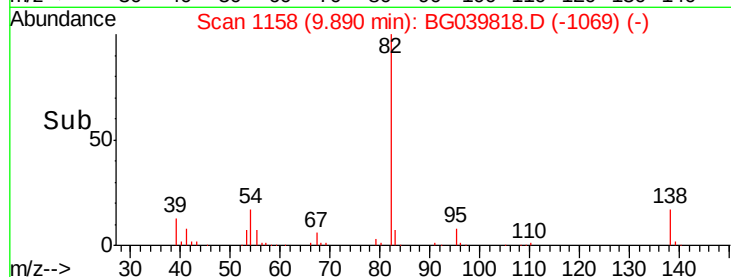
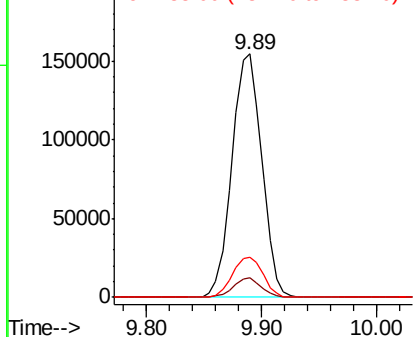
#25
Isophorone
Concen: 38.630 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 276730
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 16.6 13.0 19.4

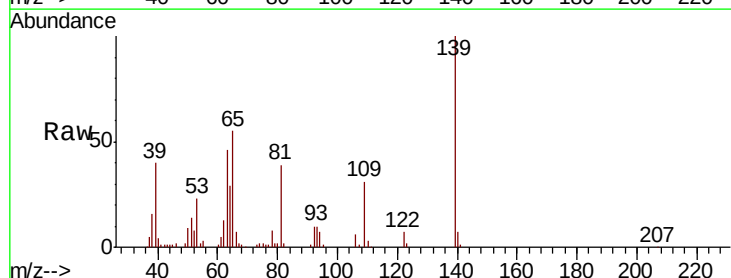


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

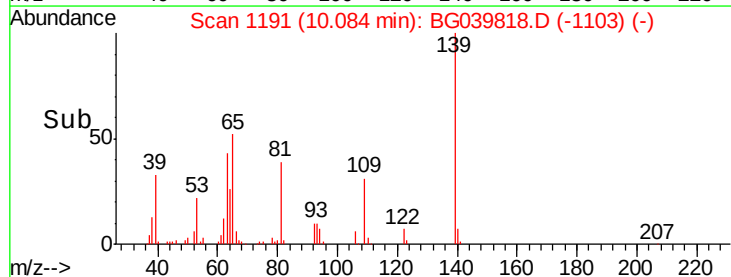
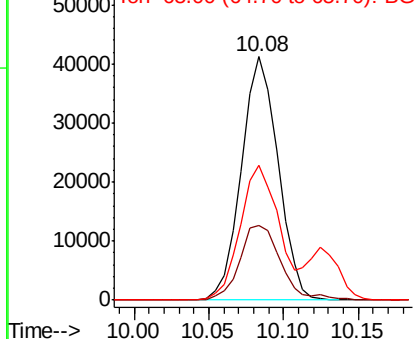


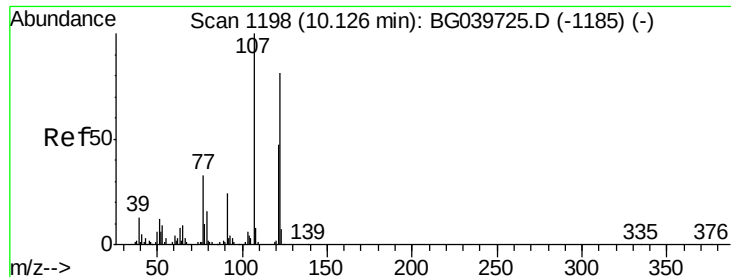
#26
2-Nitrophenol
Concen: 40.501 ng
RT: 10.08 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion: 139 Resp: 70135
Ion Ratio Lower Upper
139 100
109 30.6 23.4 35.0
65 55.3 44.3 66.5



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

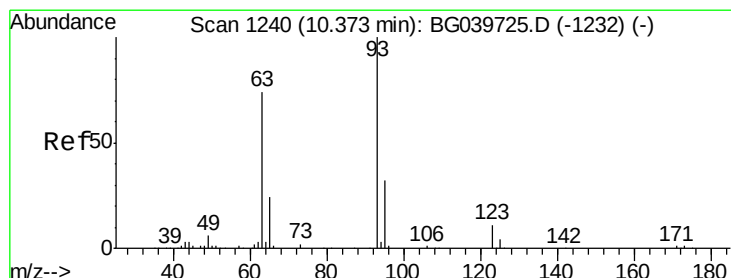
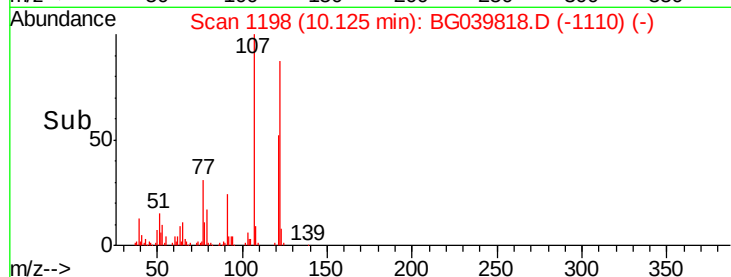
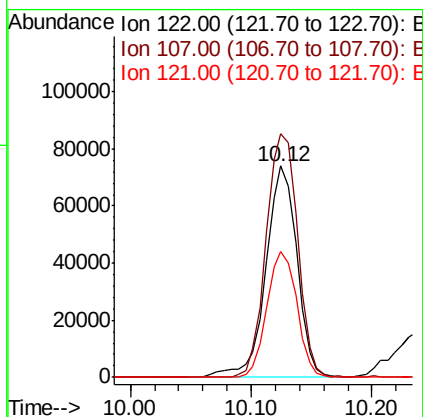
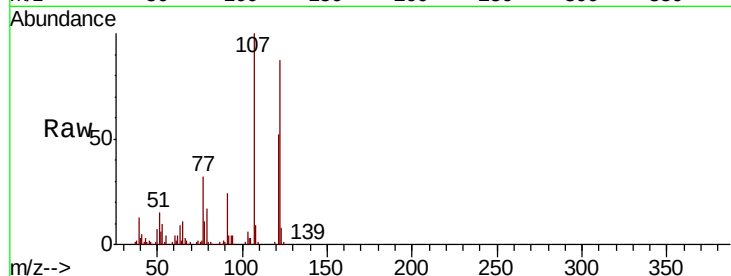




#27
2,4-Dimethylphenol
Concen: 48.850 ng
RT: 10.12 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

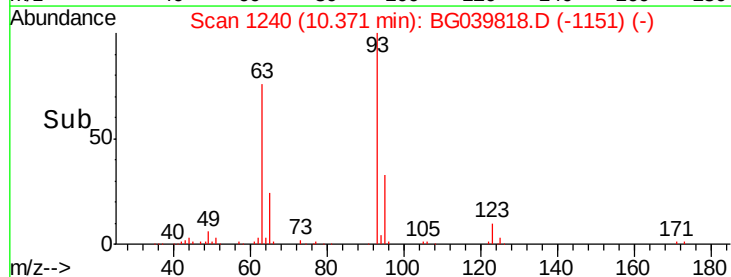
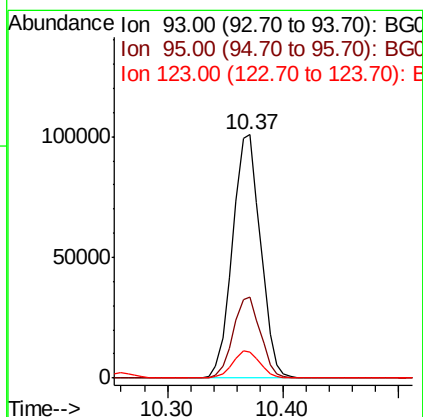
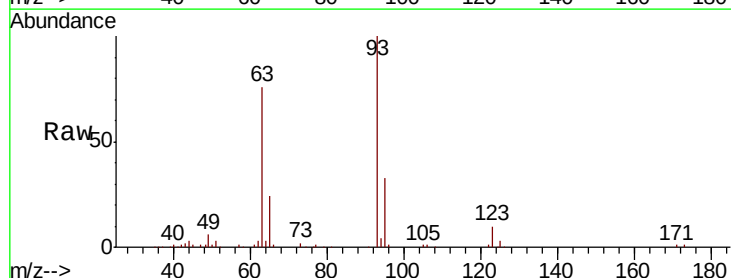
Instrument :
BNA_G
ClientSampleId :

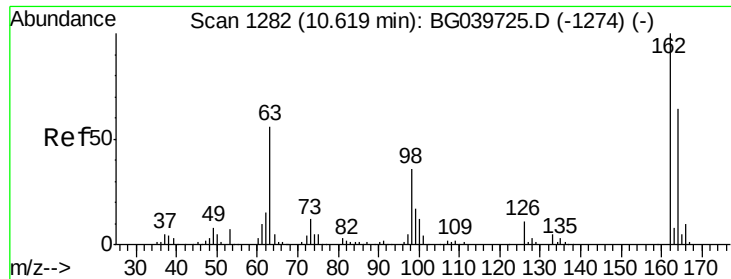
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.7	137.5
121	59.7	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.877 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.0	37.4
123	10.5	8.6	12.8

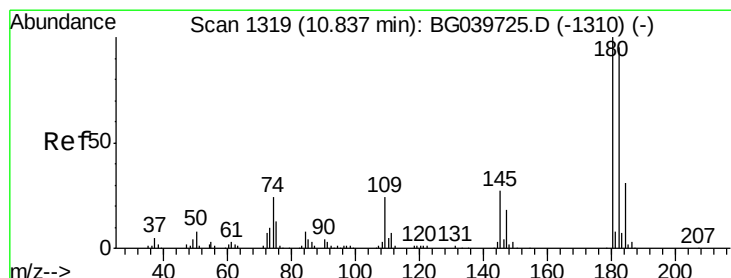
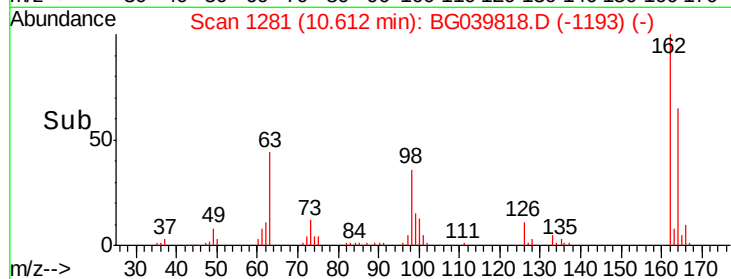
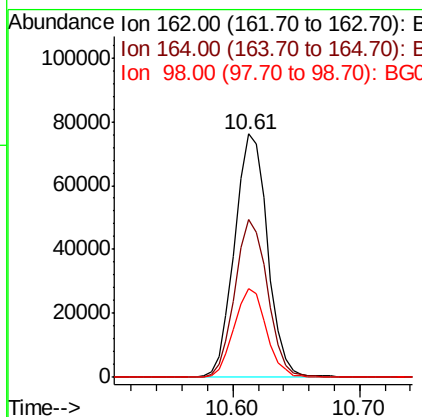
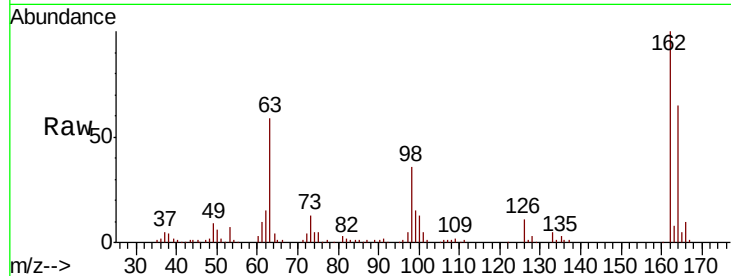




#29
 2,4-Dichlorophenol
 Concen: 45.196 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

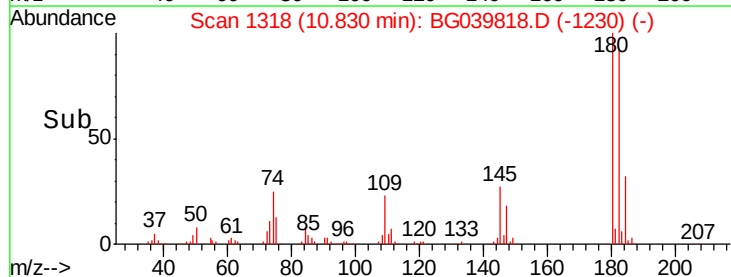
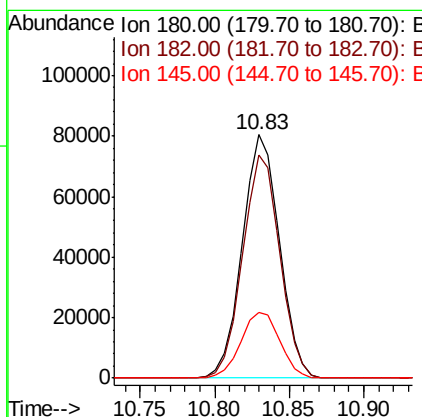
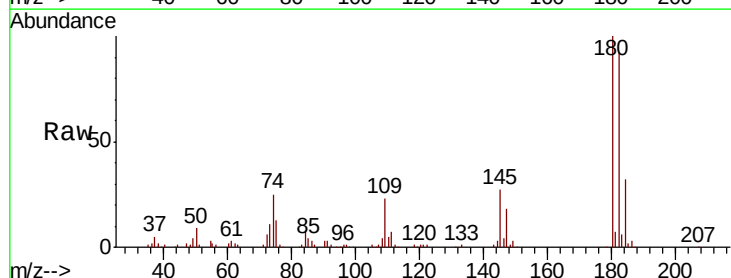
Instrument :
 BNA_G
 ClientSampled :

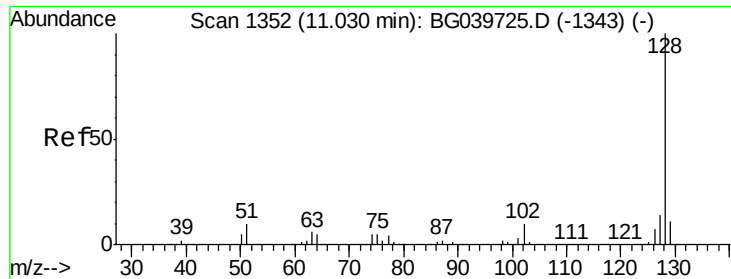
Tot Ion	162	Resp	137048
Ion Ratio	Lower	Upper	
162	100		
164	64.8	48.1	88.1
98	36.5	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.451 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	180	Resp	138024
Ion Ratio	Lower	Upper	
180	100		
182	91.8	76.0	114.0
145	26.9	22.7	34.1

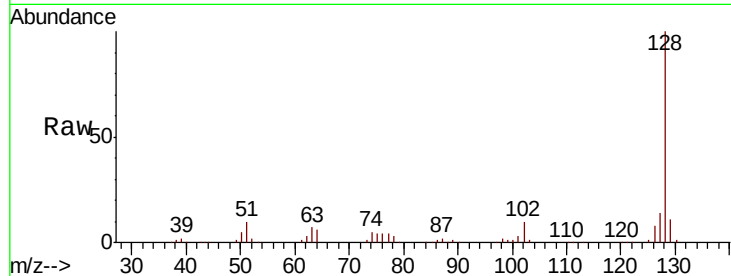




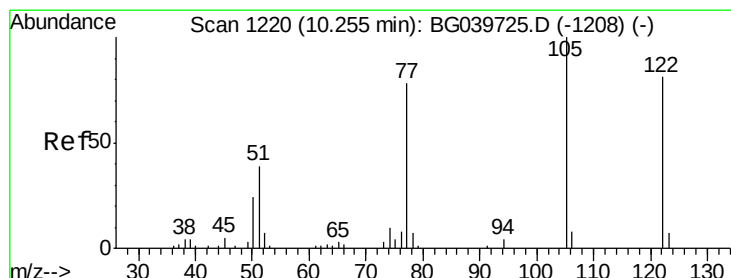
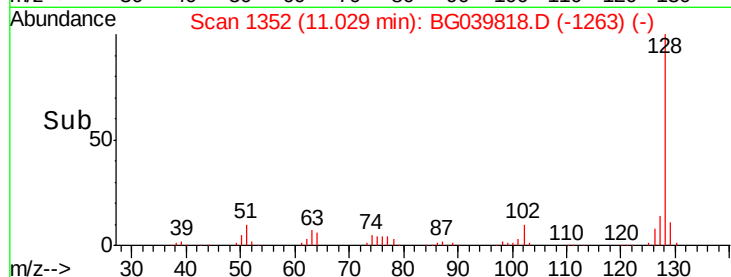
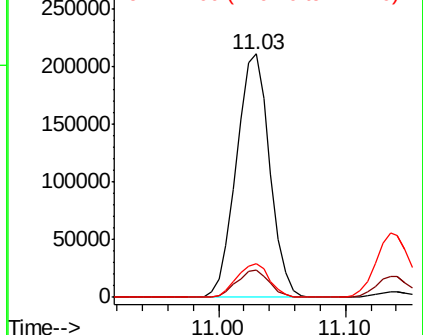
#31
Naphthalene
Concen: 39.098 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 382763
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.8 10.8 16.2

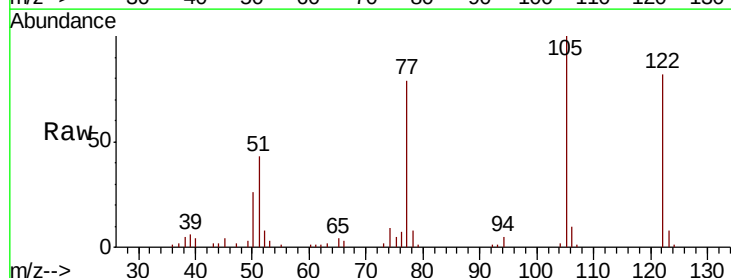


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

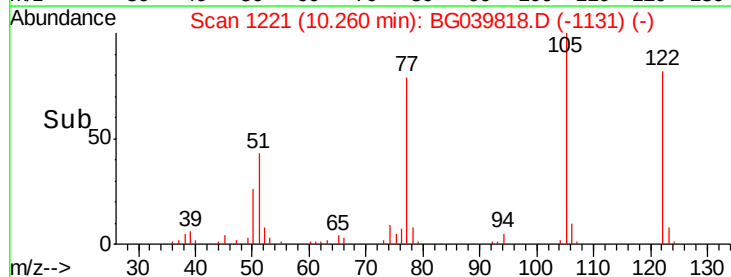
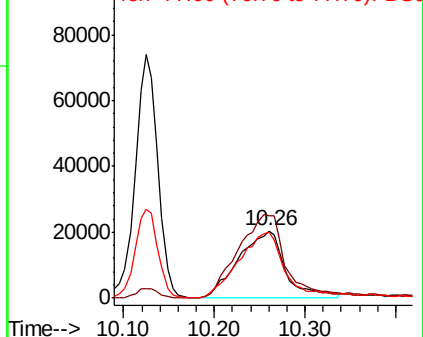


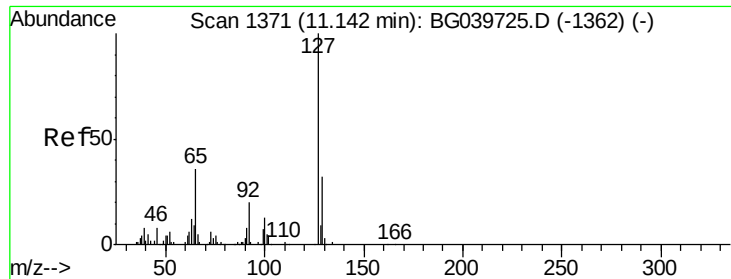
#32
Benzoic acid
Concen: 40.002 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion:122 Resp: 71614
Ion Ratio Lower Upper
122 100
105 122.3 101.8 141.8
77 96.6 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

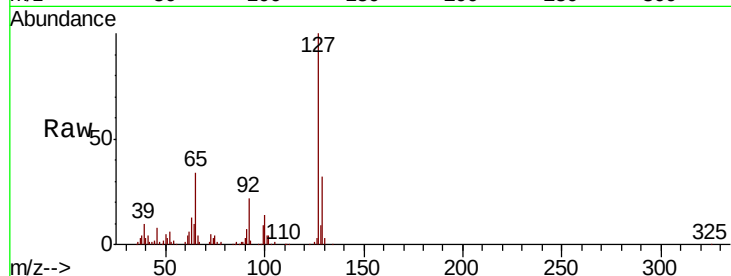




#33
4-Chloroaniline
Concen: 25.706 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	106715
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.0	40.4
65	33.5	28.8	43.2
92	22.2	16.6	25.0



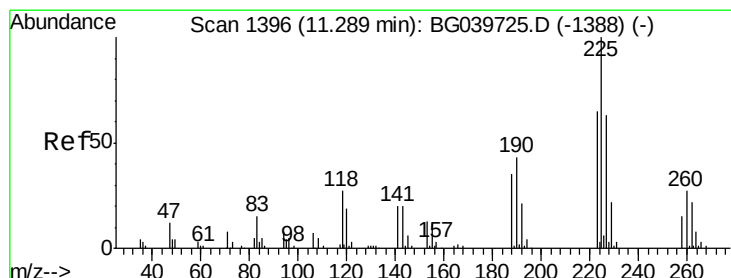
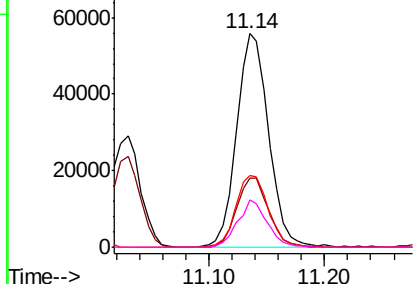
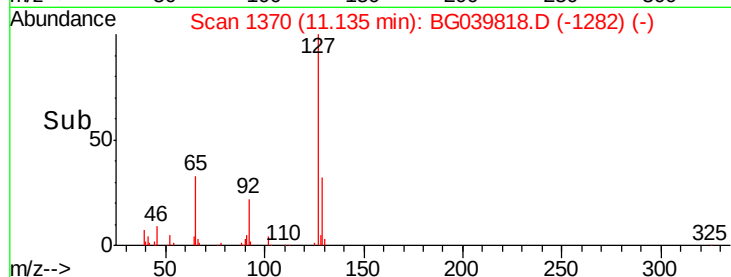
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

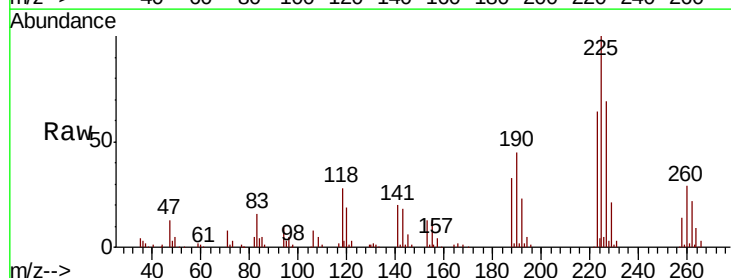
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 36.782 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion:	225	Resp:	85762
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.0	73.6
227	68.6	46.3	69.5

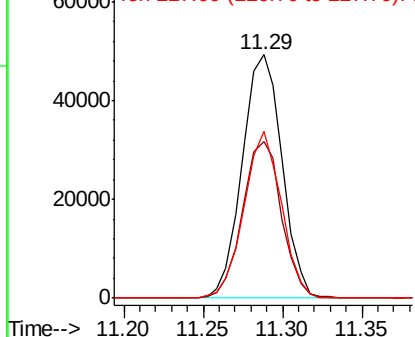
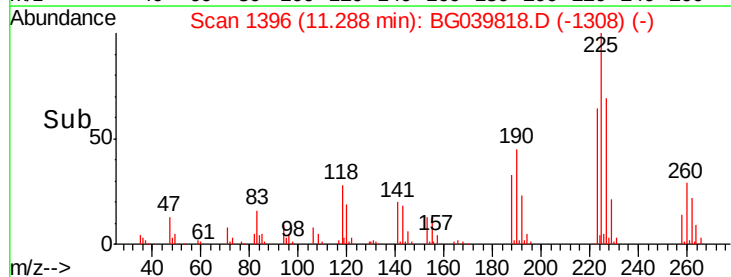


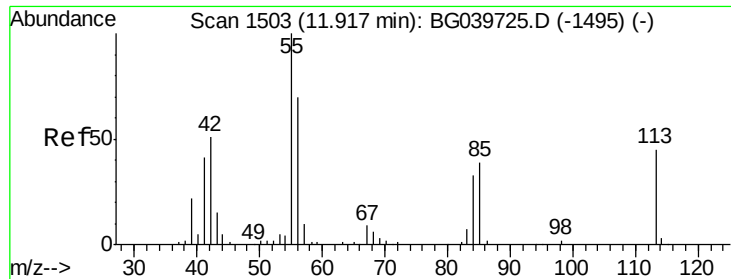
Abundance

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

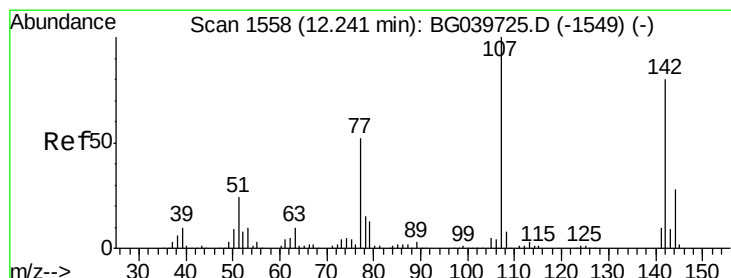
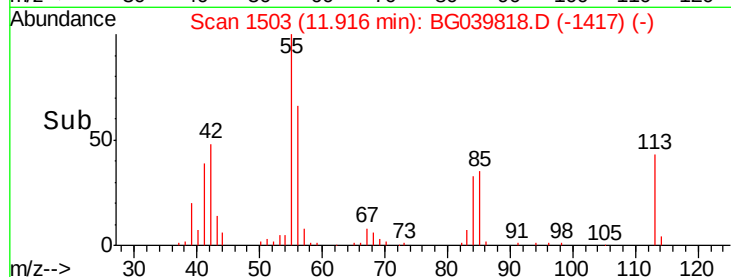
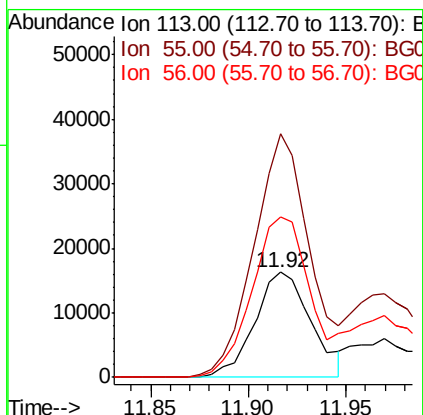
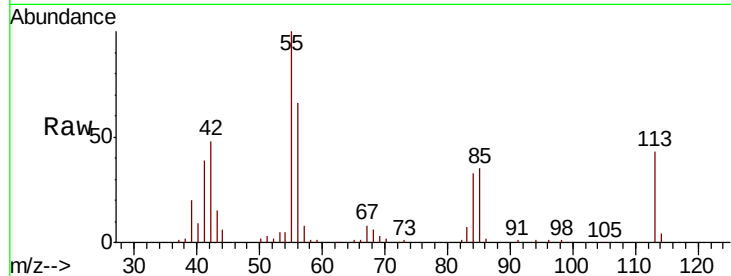




#35
Caprolactam
Concen: 27.886 ng
RT: 11.92 min Scan# 1503
Delta R.T. -0.03 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

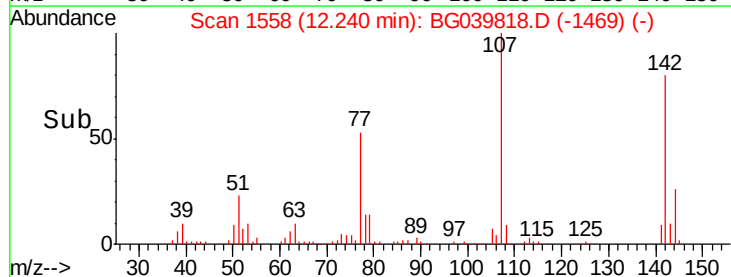
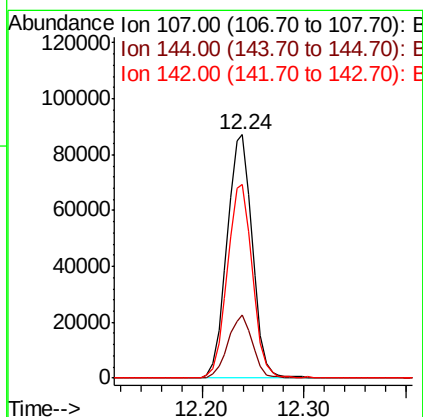
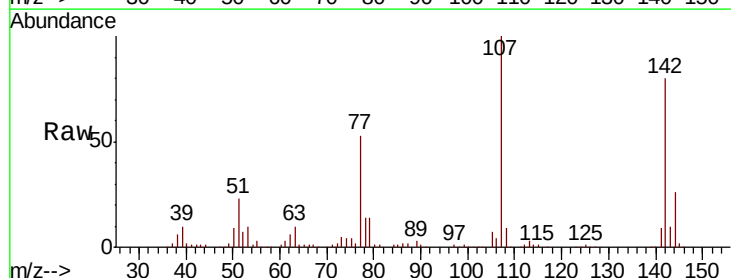
Instrument :
BNA_G
ClientSampled :

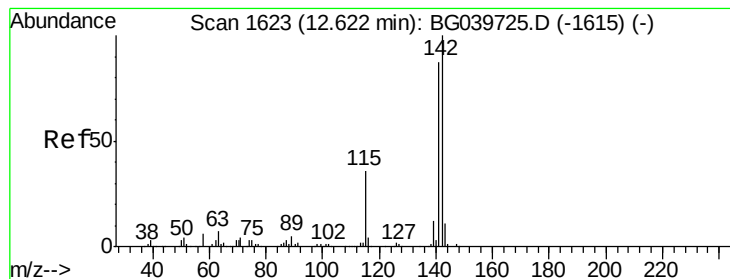
Tot Ion:113 Resp: 32301
Ion Ratio Lower Upper
113 100
55 231.9 216.9 256.9
56 153.3 152.6 192.6



#36
4-Chloro-3-methylphenol
Concen: 43.466 ng
RT: 12.24 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion:107 Resp: 151085
Ion Ratio Lower Upper
107 100
144 25.8 20.2 30.2
142 79.7 61.4 92.2

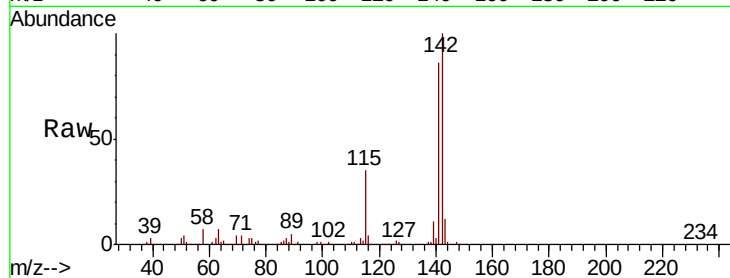




#37
2-Methylnaphthalene
Concen: 40.913 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	73.5	110.3
115	34.5	30.8	46.2

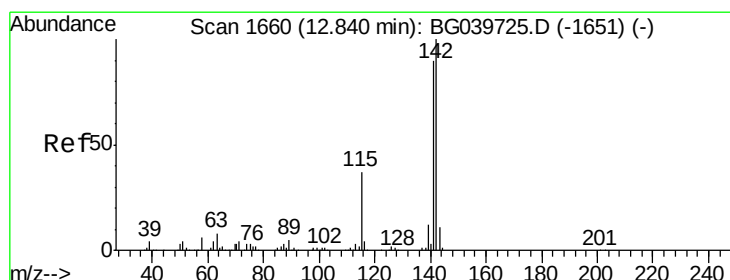
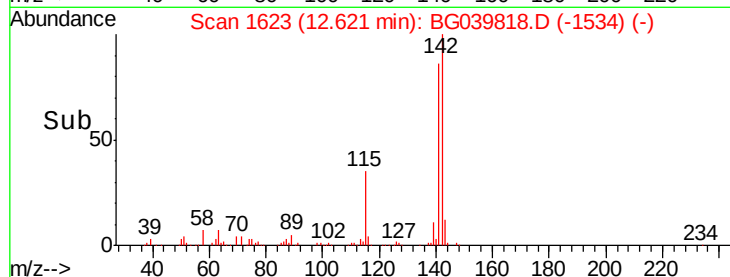
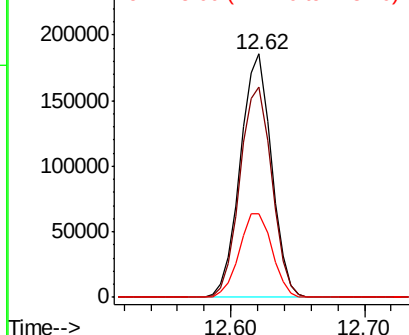


Abundance

Ion 142.00 (141.70 to 142.70): E

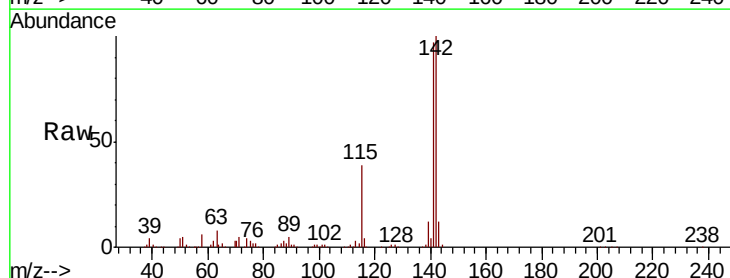
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.613 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.8	74.2	111.4
116	4.4	3.0	4.6

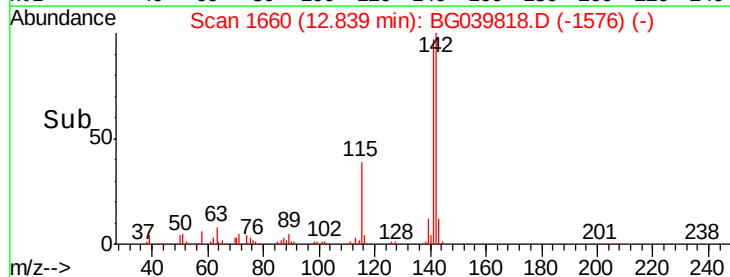
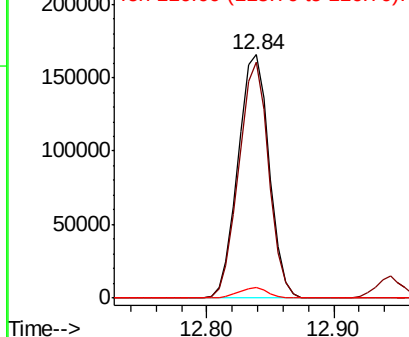


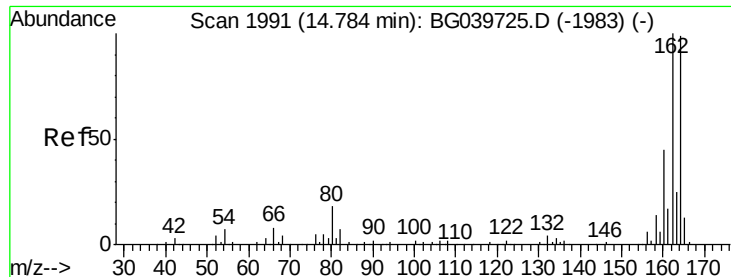
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampled :

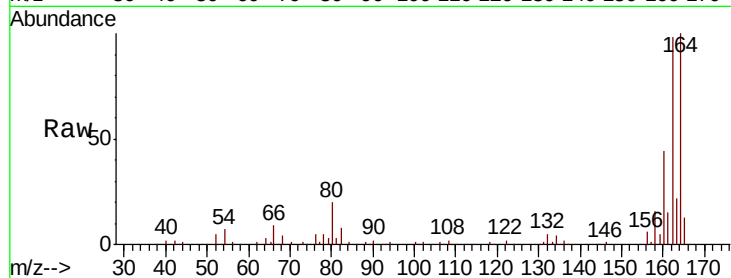
Tot Ion:164 Resp: 130727

Ion Ratio Lower Upper

164 100

162 98.0 81.6 122.4

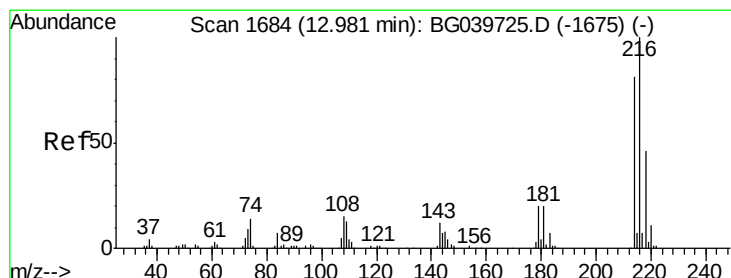
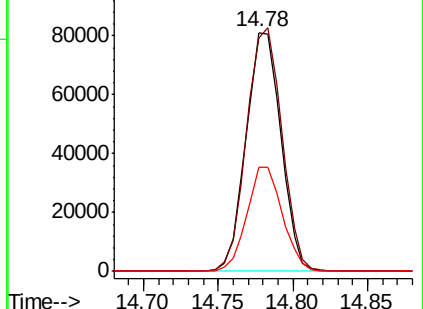
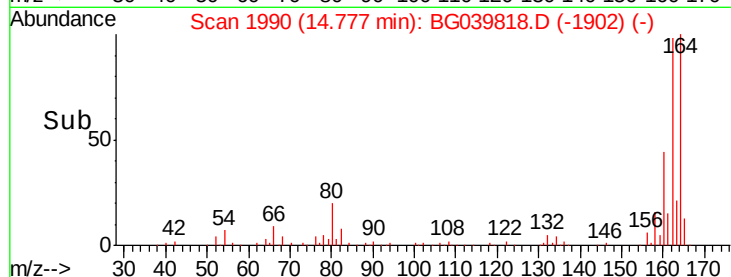
160 43.5 34.2 51.2



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: 37.358 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion:216 Resp: 165448

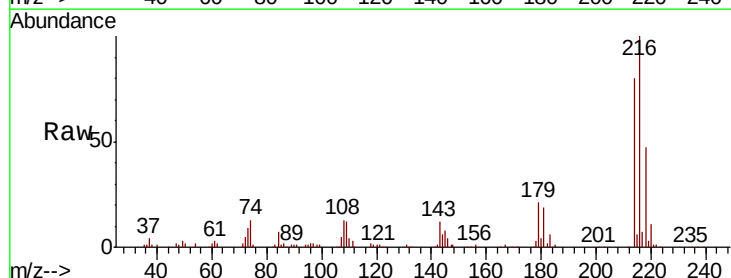
Ion Ratio Lower Upper

216 100

214 79.2 62.6 94.0

179 20.9 16.6 25.0

108 18.1 14.0 21.0

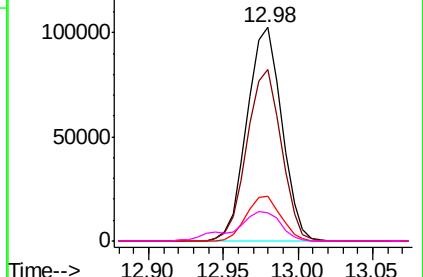
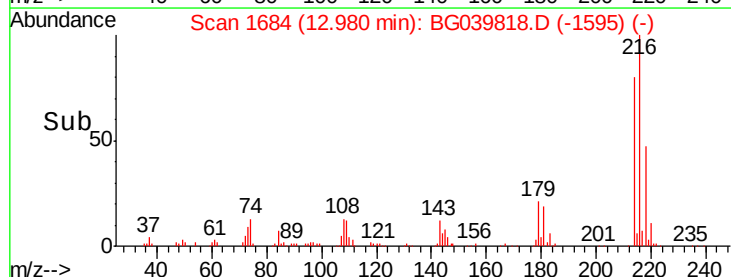


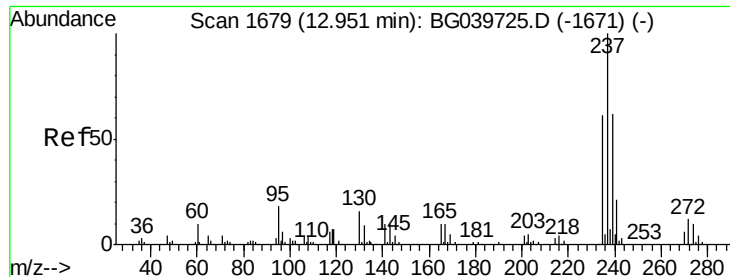
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

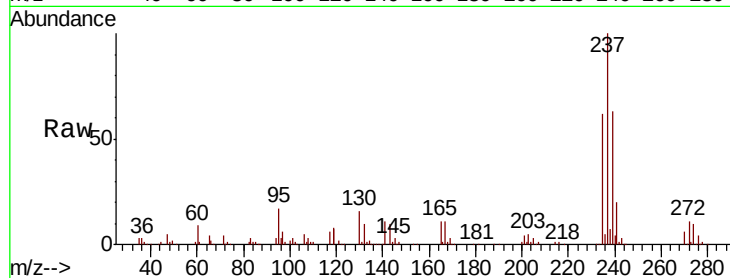




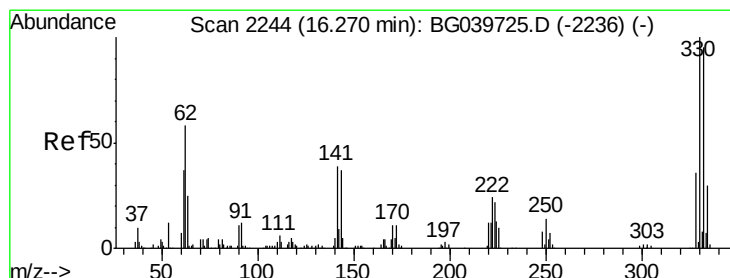
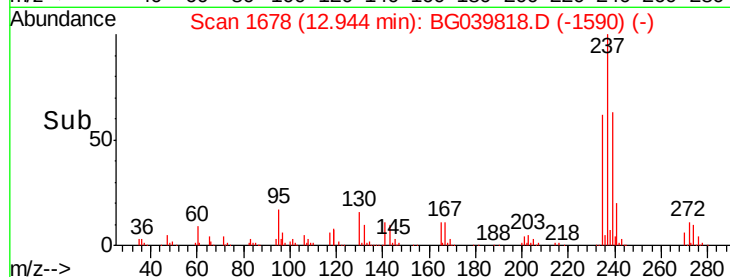
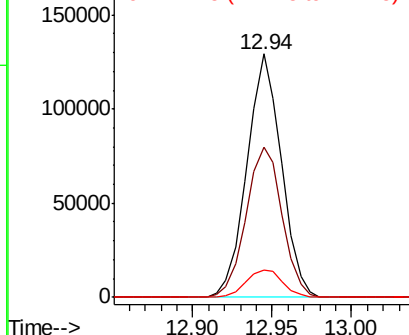
#41
Hexachlorocyclopentadiene
Concen: 82.057 ng
RT: 12.94 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.3	83.3
272	11.1	0.0	32.3

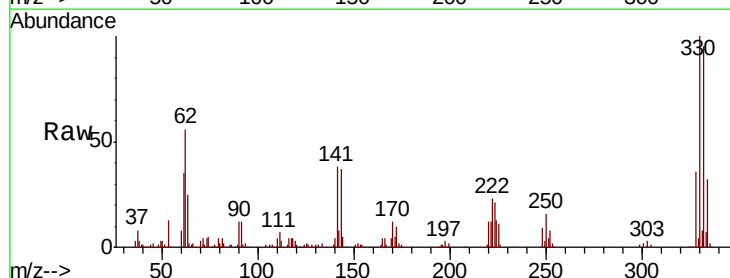


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

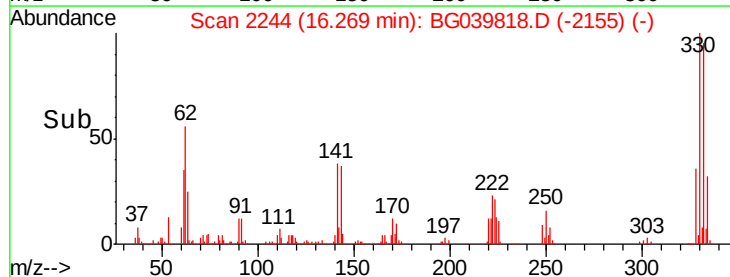
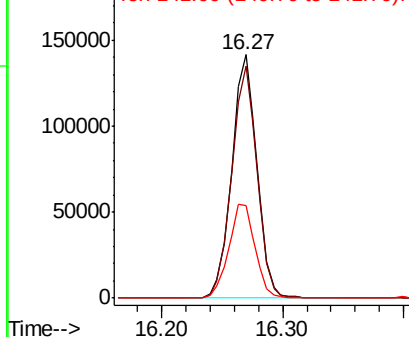


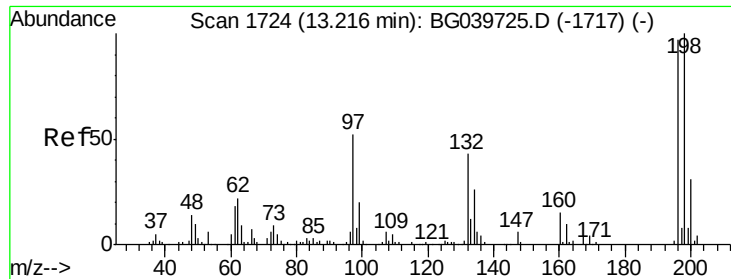
#42
2,4,6-Tribromophenol
Concen: 134.686 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	40.2	35.6	53.4



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

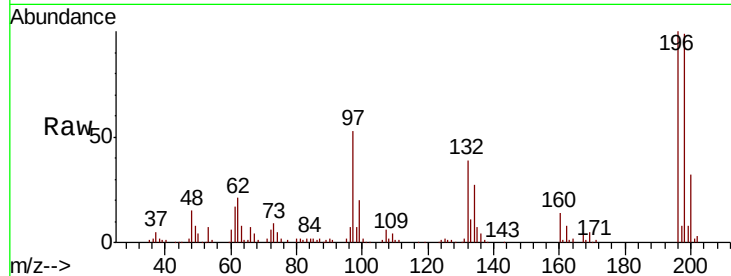




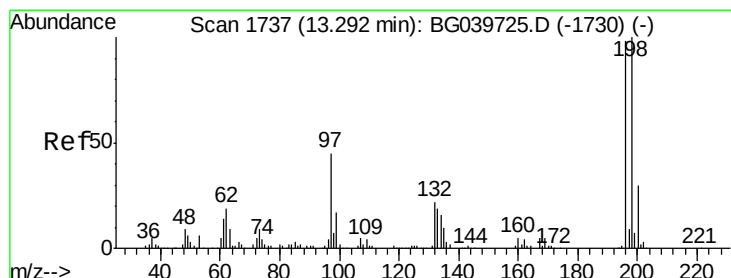
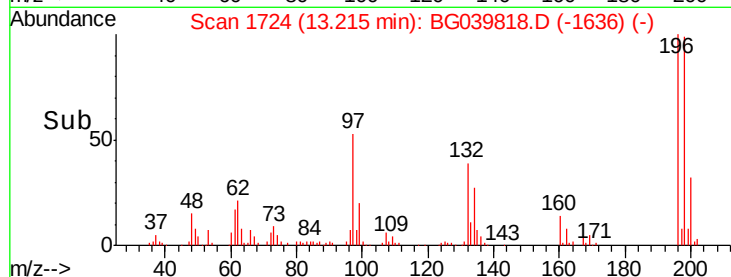
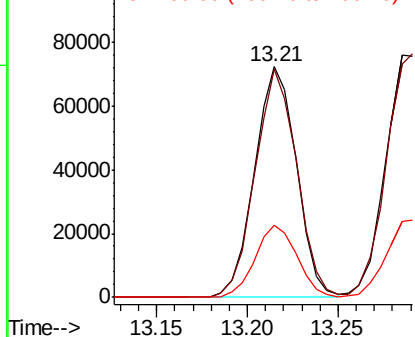
#43
 2,4,6-Trichlorophenol
 Concen: 44.801 ng
 RT: 13.21 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 116161
 Ion Ratio Lower Upper
 196 100
 198 99.2 80.6 121.0
 200 31.5 26.1 39.1

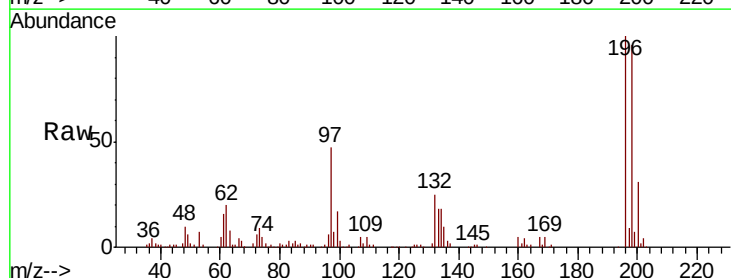


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

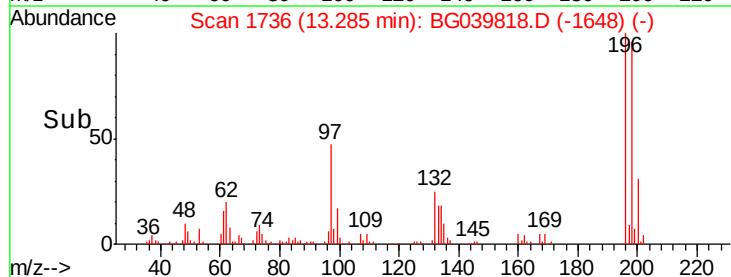
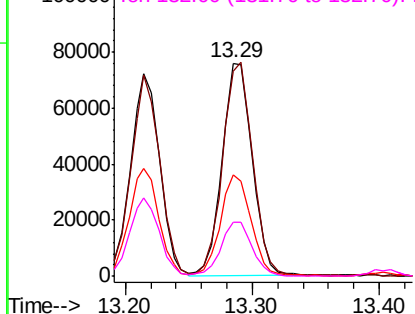


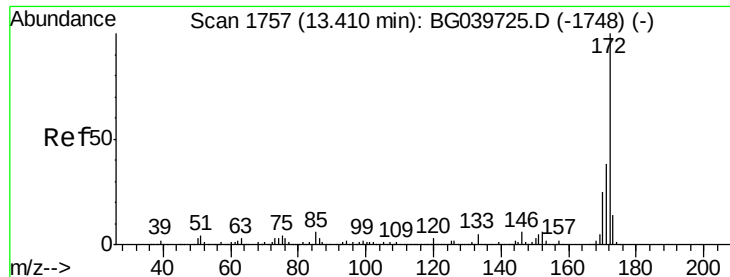
#44
 2,4,5-Trichlorophenol
 Concen: 42.713 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion:196 Resp: 124830
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.5 117.7
 97 47.5 38.4 57.6
 132 25.5 19.2 28.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

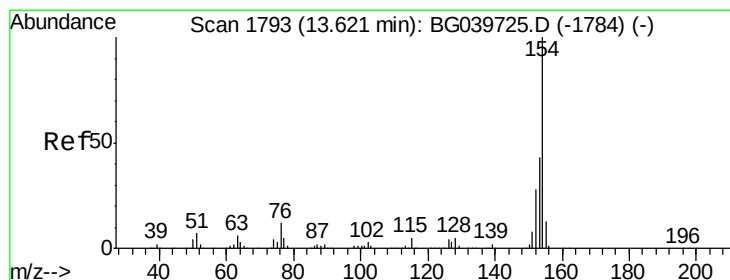
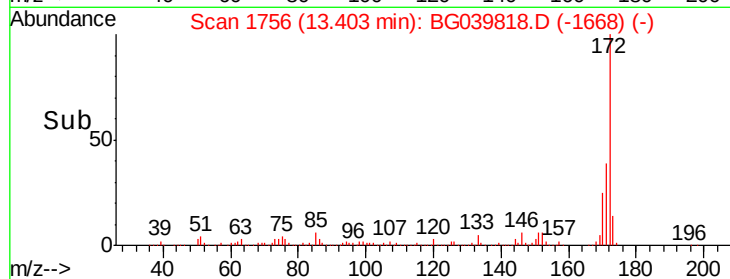
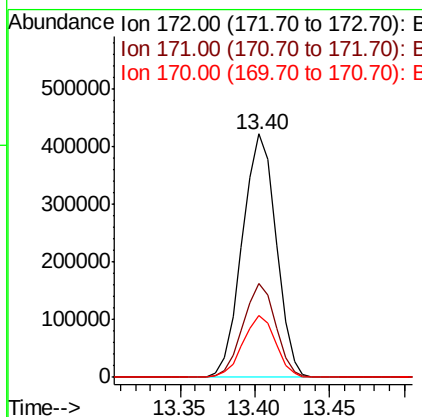
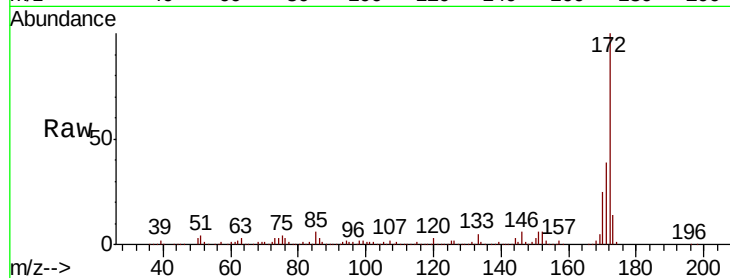




#45
2-Fluorobiphenyl
Concen: 71.995 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

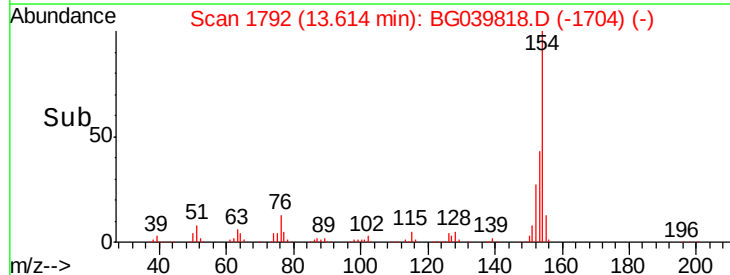
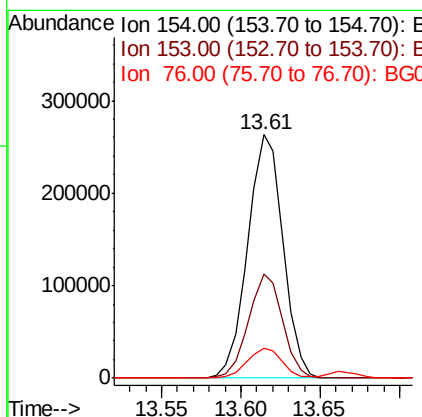
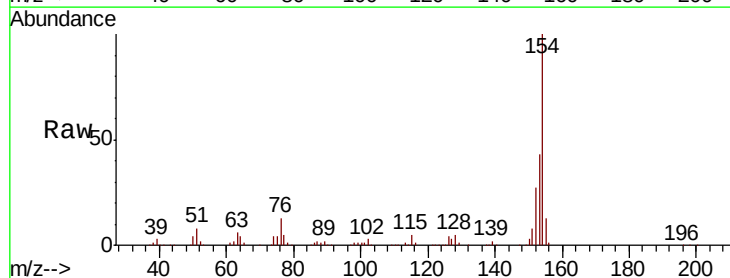
Instrument :
BNA_G
ClientSampled :

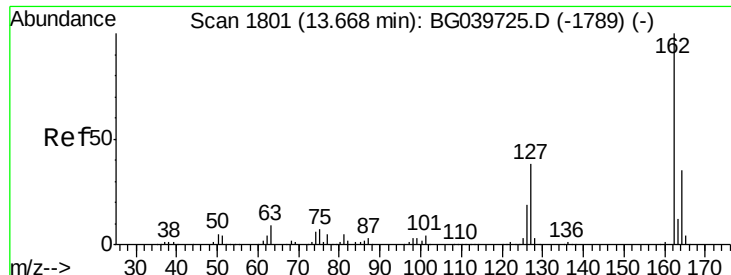
Tot Ion:172 Resp: 661011
Ion Ratio Lower Upper
172 100
171 38.6 30.8 46.2
170 25.3 20.2 30.4



#46
1,1'-Biphenyl
Concen: 37.806 ng
RT: 13.61 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion:154 Resp: 406500
Ion Ratio Lower Upper
154 100
153 42.6 22.1 62.1
76 12.5 0.0 32.4

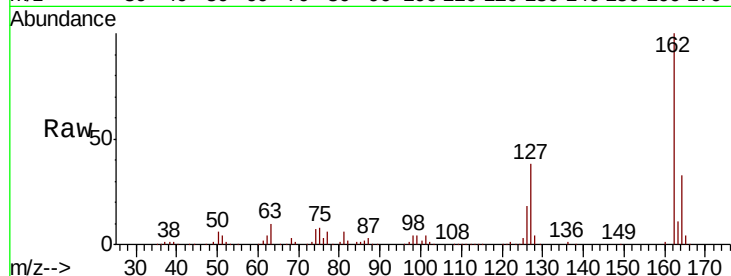




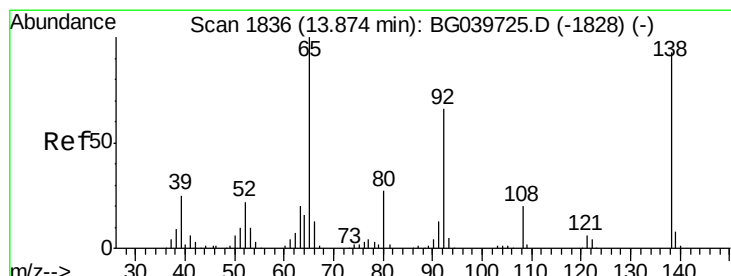
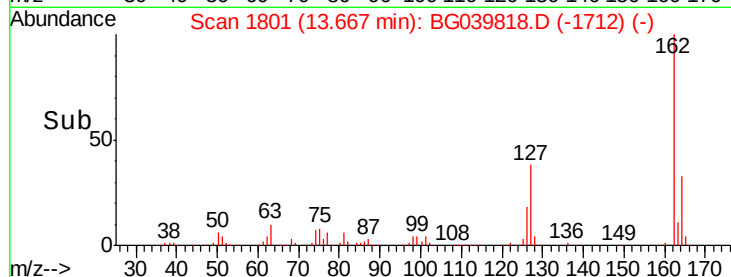
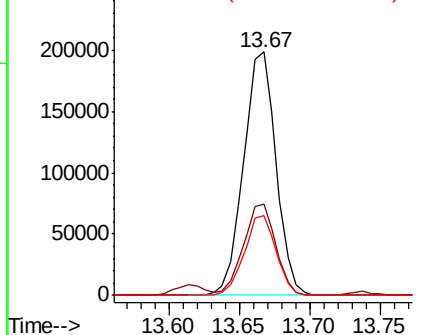
#47
 2-Chloronaphthalene
 Concen: 39.514 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.0	46.6
164	32.6	25.7	38.5

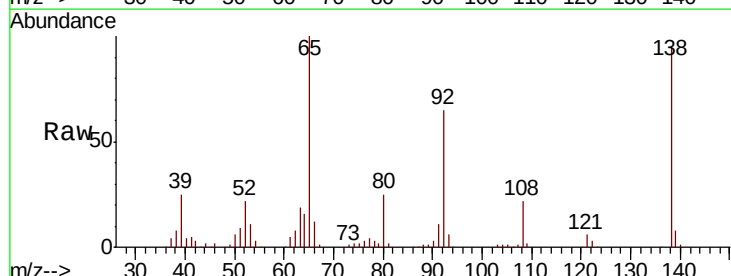


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

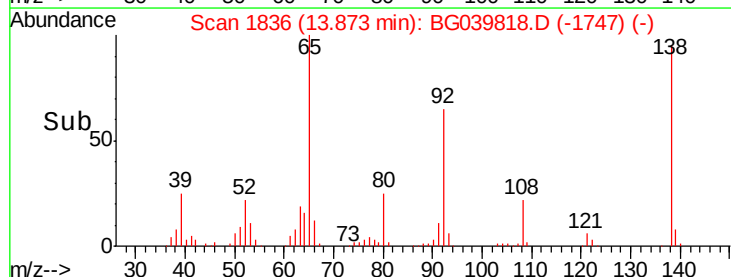
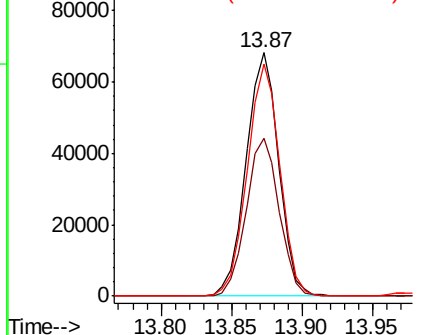


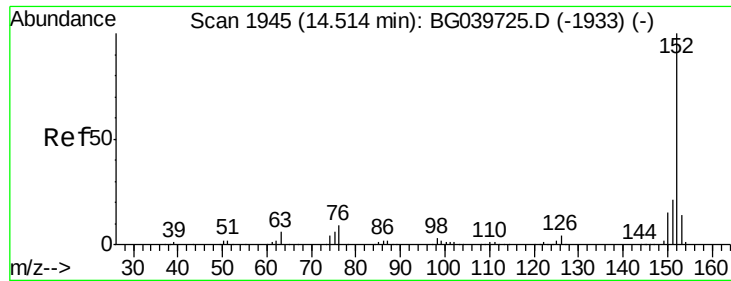
#48
 2-Nitroaniline
 Concen: 42.394 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	51.4	77.2
138	95.4	71.4	107.2



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





#49

Acenaphthylene

Concen: 38.006 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

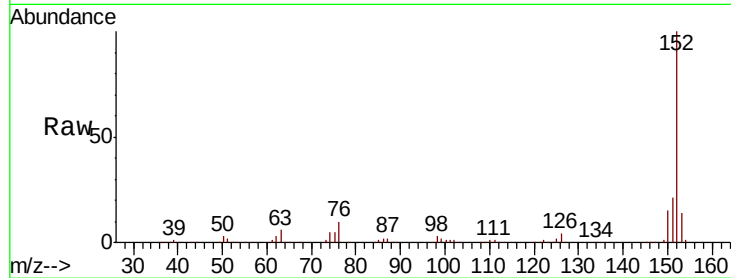
Tot Ion:152 Resp: 504664

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

153 14.3 11.7 17.5

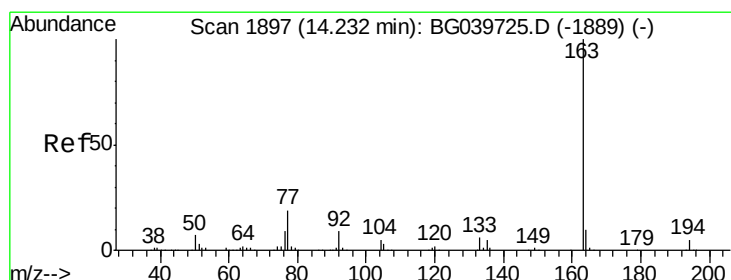
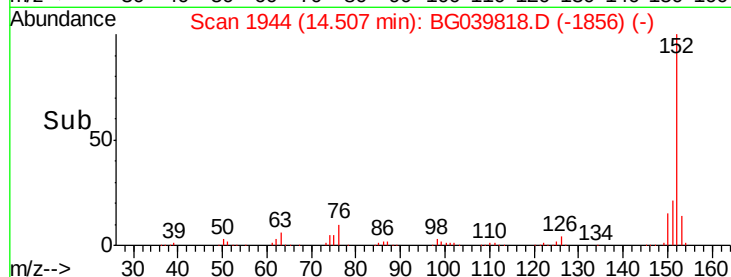
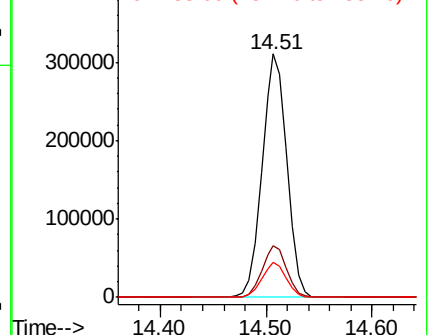


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.671 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

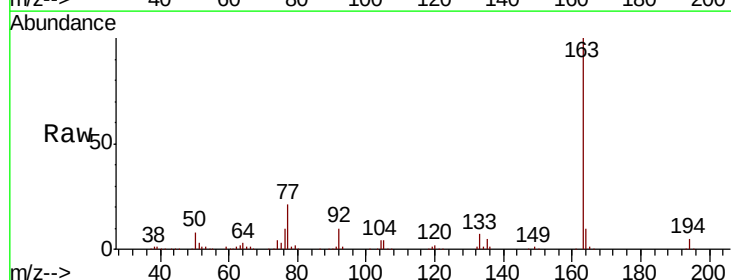
Tgt Ion:163 Resp: 422726

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

164 10.1 8.4 12.6

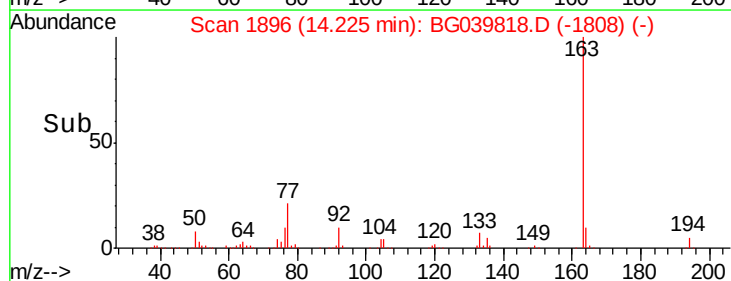
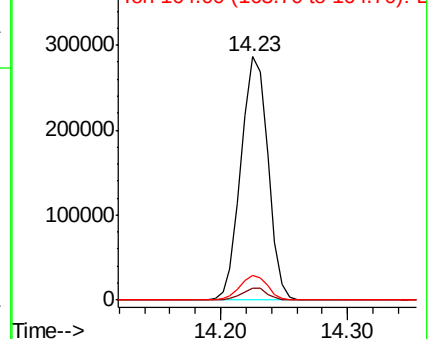


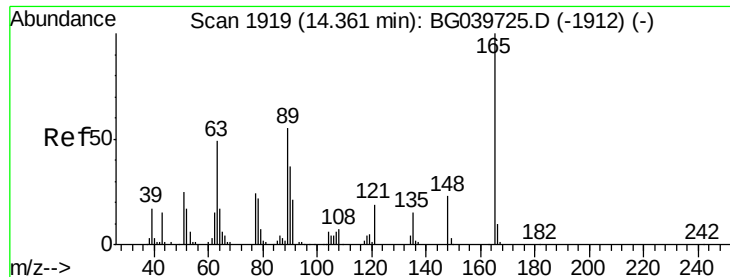
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.364 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampled :

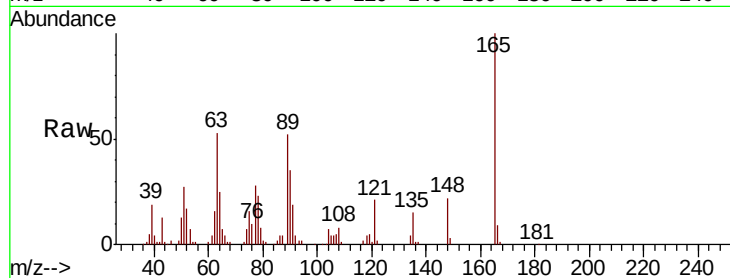
Tot Ion:165 Resp: 95855

Ion Ratio Lower Upper

165 100

63 53.4 47.0 70.6

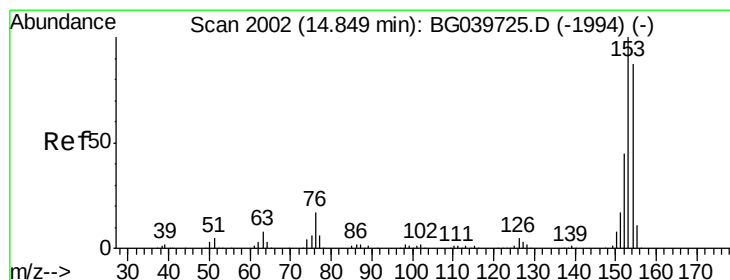
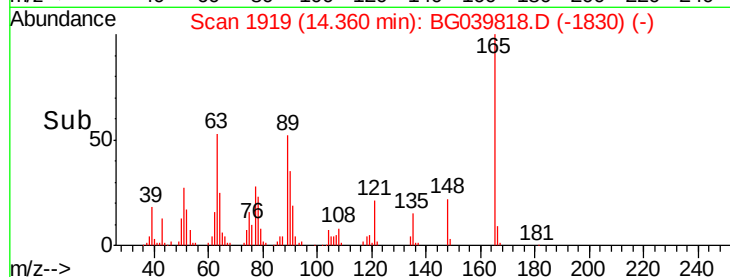
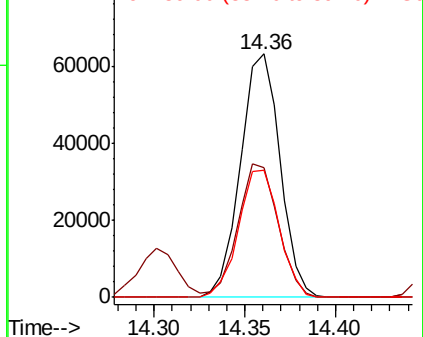
89 52.0 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 38.859 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

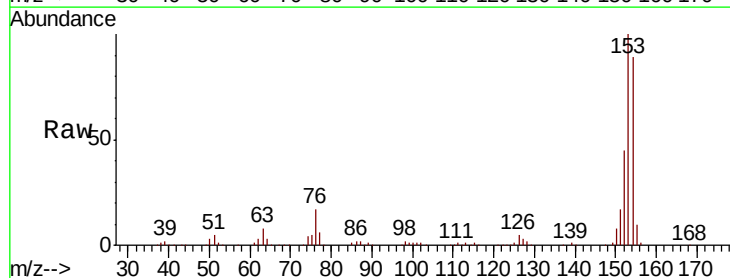
Tgt Ion:154 Resp: 310559

Ion Ratio Lower Upper

154 100

153 112.0 90.1 135.1

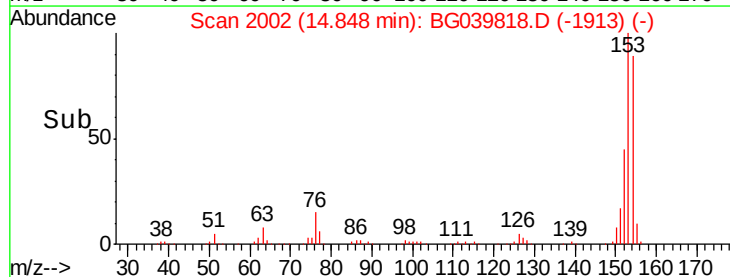
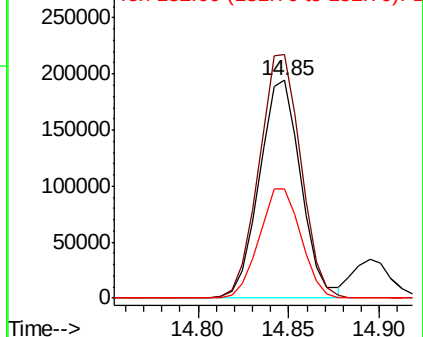
152 50.1 40.9 61.3

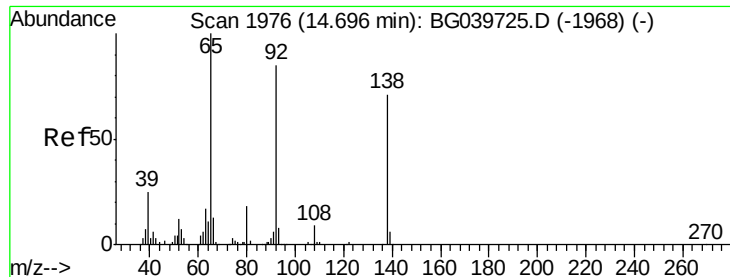


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

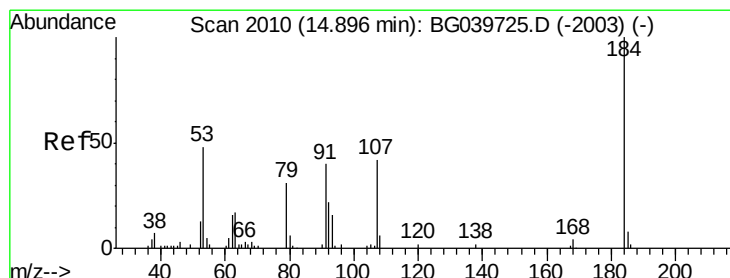
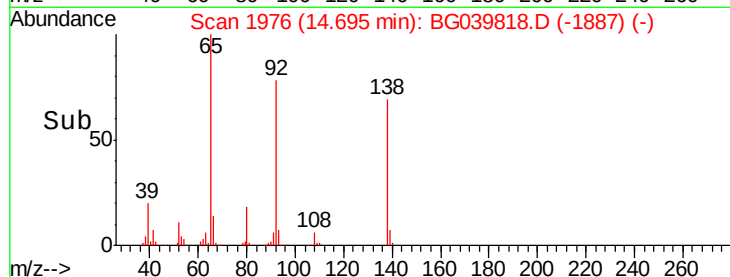
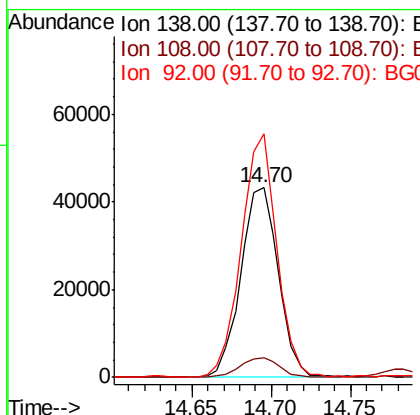
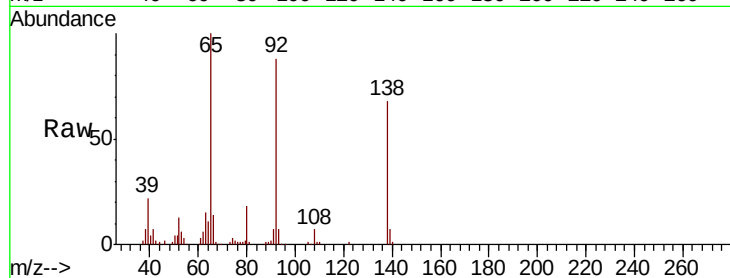




#53
 3-Nitroaniline
 Concen: 30.544 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

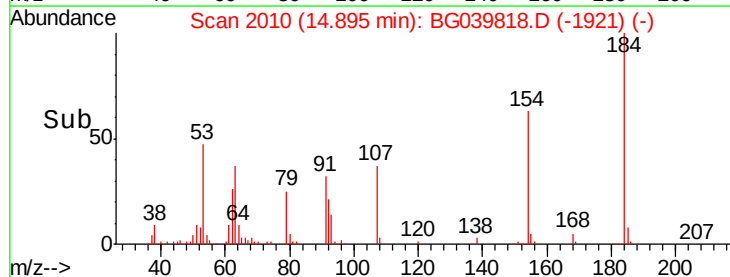
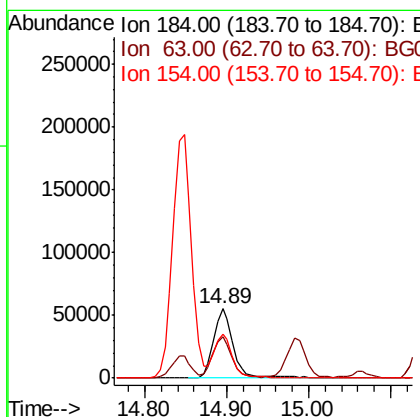
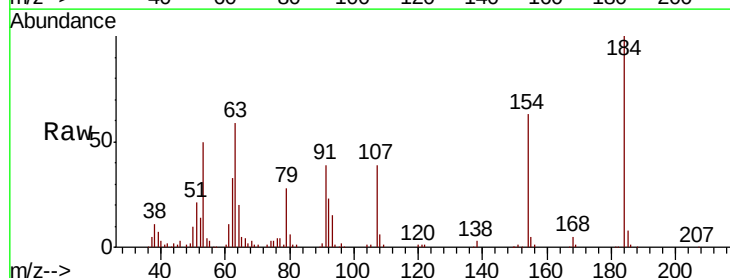
Instrument :
 BNA_G
 ClientSampleId :

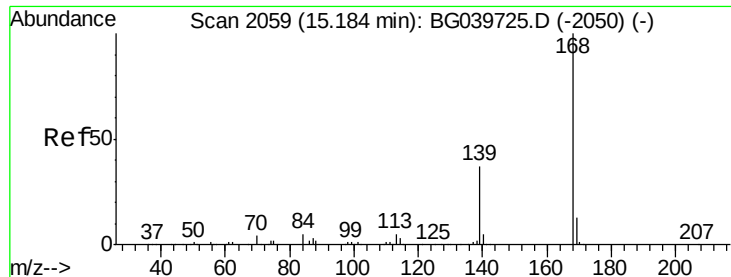
Tot Ion:138 Resp: 71150
 Ion Ratio Lower Upper
 138 100
 108 10.2 13.8 20.8#
 92 128.3 103.7 155.5



#54
 2,4-Dinitrophenol
 Concen: 64.690 ng
 RT: 14.89 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion:184 Resp: 92966
 Ion Ratio Lower Upper
 184 100
 63 59.3 50.9 76.3
 154 63.0 53.0 79.6





#55

Dibenzofuran

Concen: 38.738 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

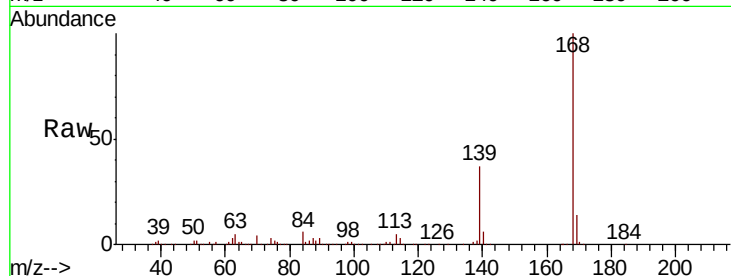
Tot Ion:168 Resp: 507947

Ion Ratio Lower Upper

168 100

139 37.0 30.1 45.1

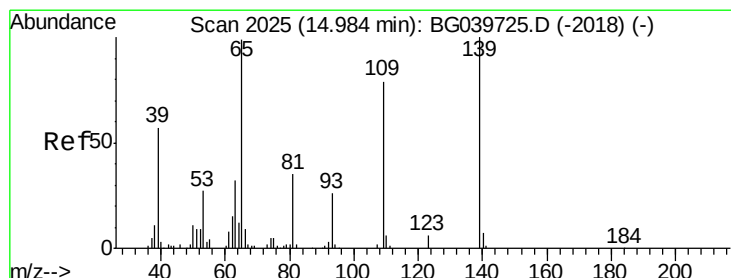
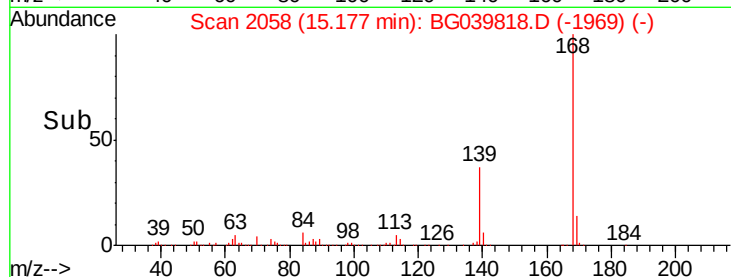
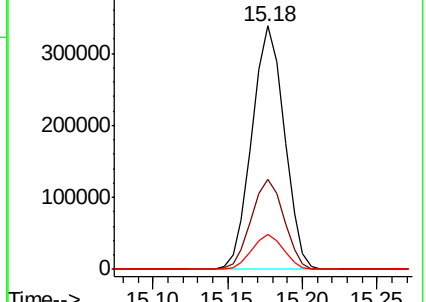
169 14.1 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 79.063 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

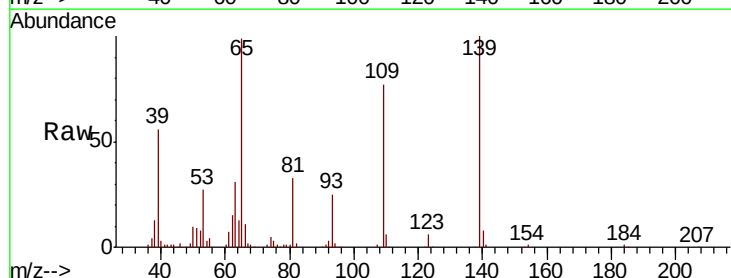
Tgt Ion:139 Resp: 164756

Ion Ratio Lower Upper

139 100

109 76.9 61.9 101.9

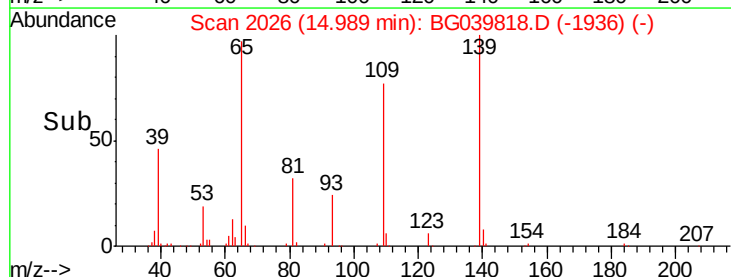
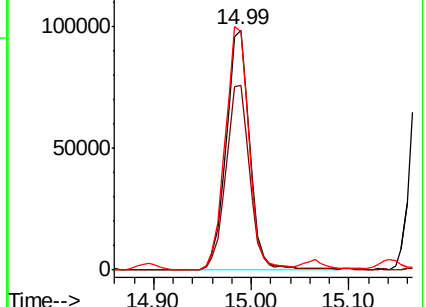
65 99.2 99.1 139.1

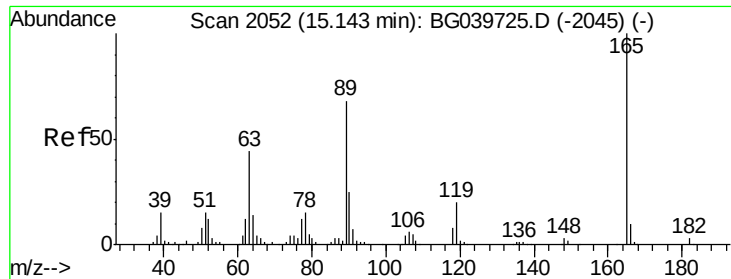


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

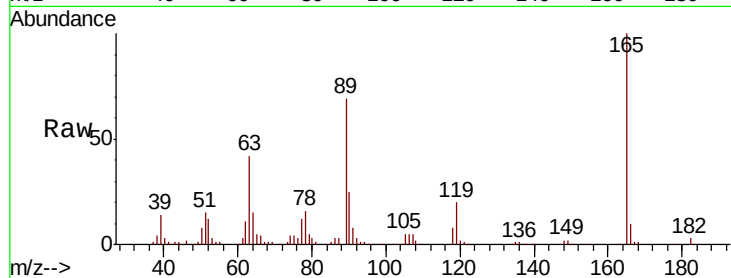




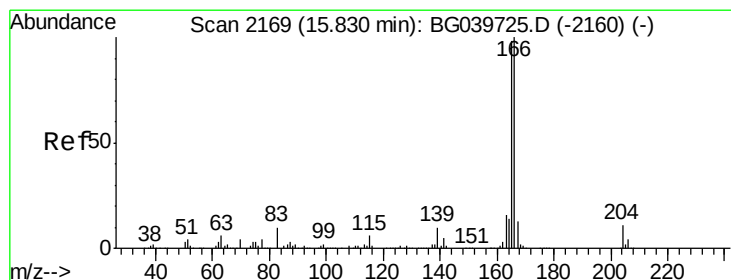
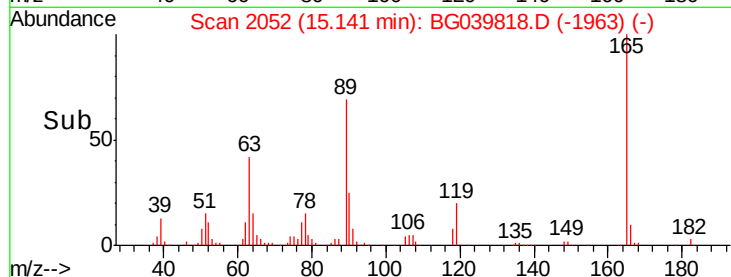
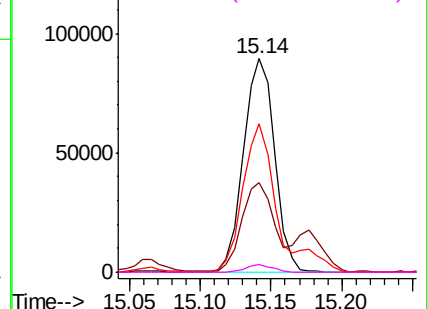
#57
2,4-Dinitrotoluene
Concen: 42.338 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	41.0	61.6
89	69.3	64.6	96.8
182	3.4	2.0	3.0

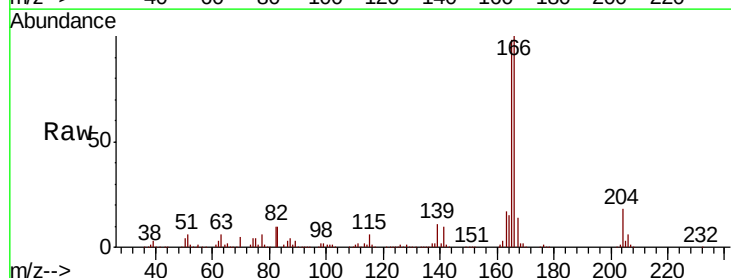


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

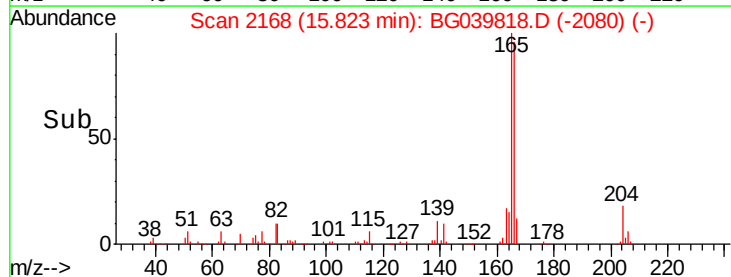
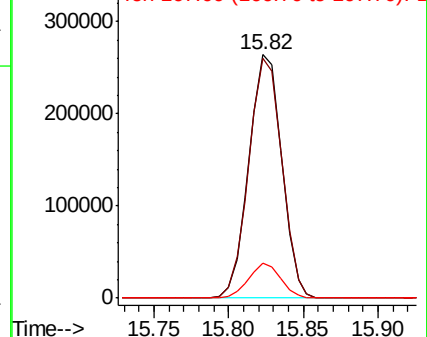


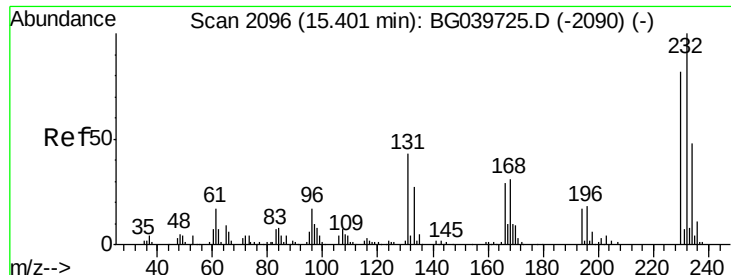
#58
Fluorene
Concen: 39.019 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.9	116.9
167	14.2	10.8	16.2



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

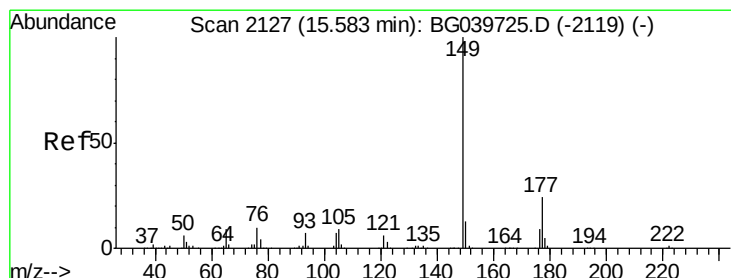
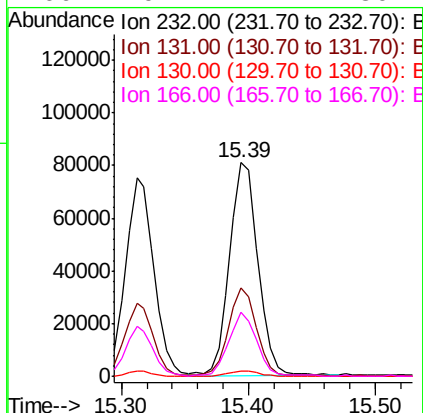
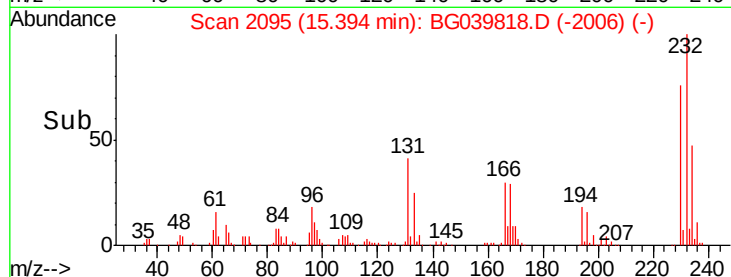
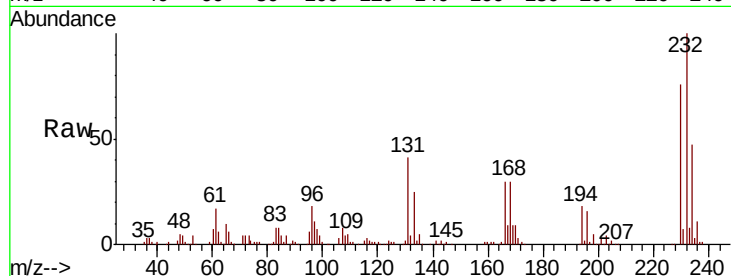




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.959 ng
RT: 15.39 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

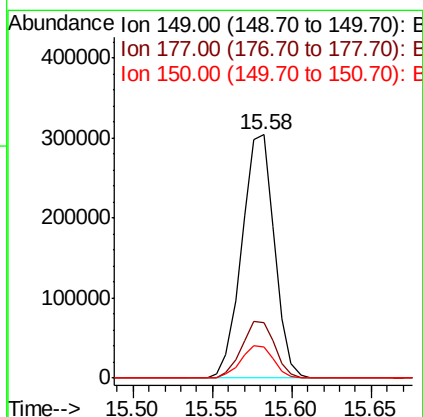
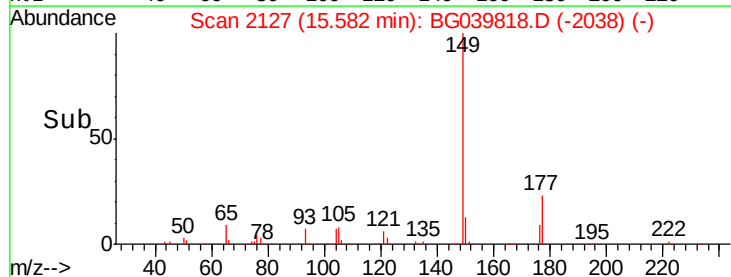
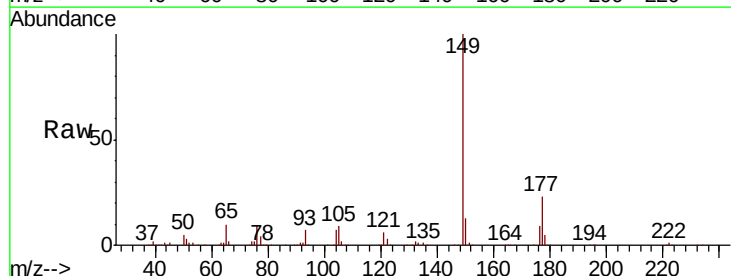
Instrument :
BNA_G
ClientSampleId :

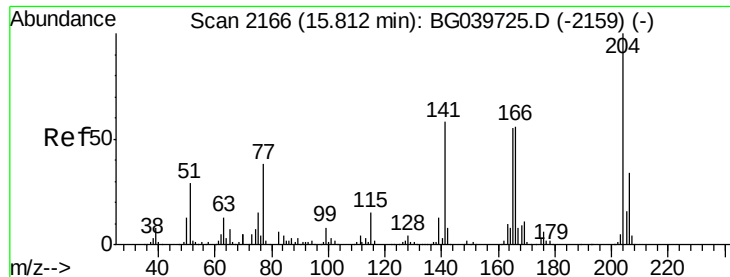
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.9	34.9	52.3
130	2.4	2.0	3.0
166	29.7	24.1	36.1



#60
Diethylphthalate
Concen: 39.930 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.7	10.2	15.2

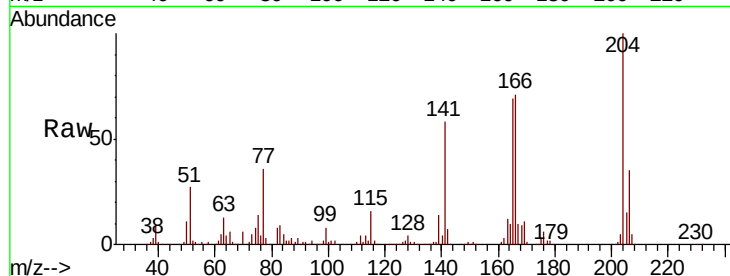




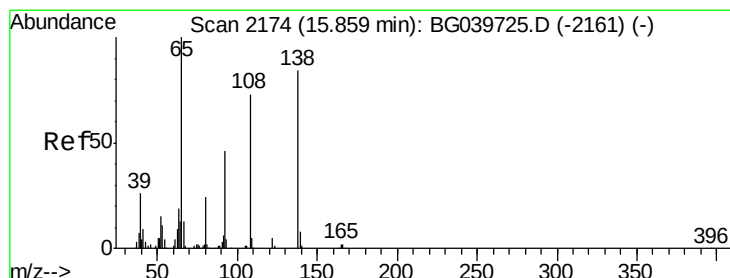
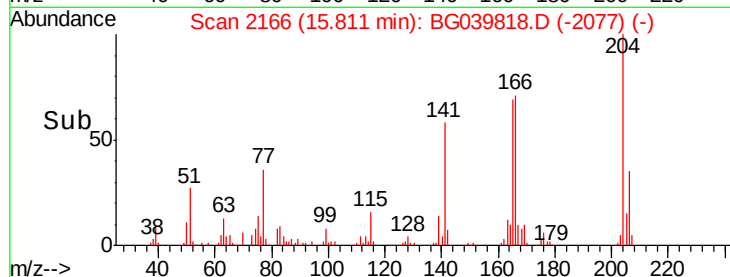
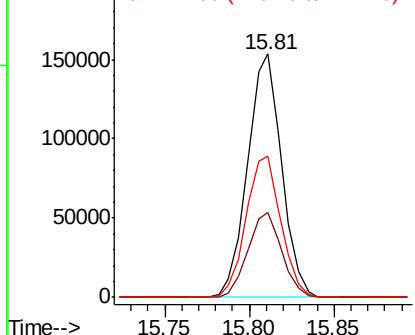
#61
4-Chlorophenyl-phenylether
Concen: 39.014 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 214604
Ion Ratio Lower Upper
204 100
206 35.1 29.2 43.8
141 58.1 49.0 73.4

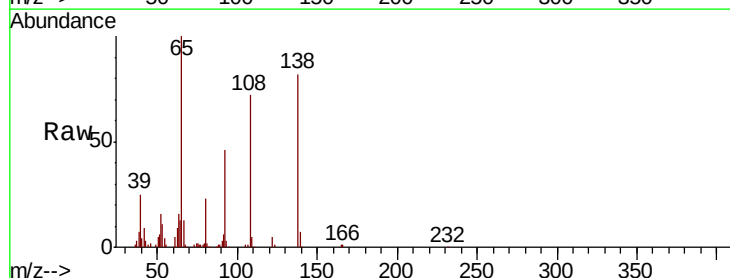


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

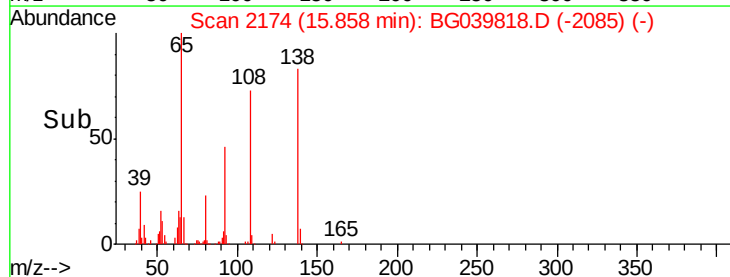
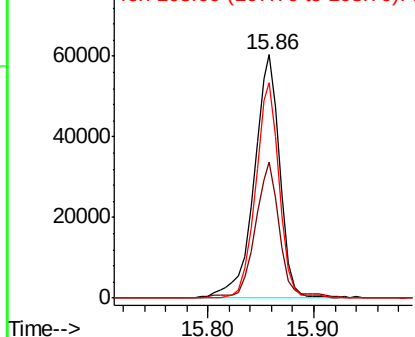


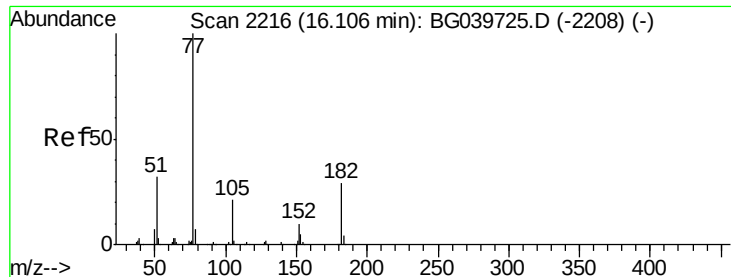
#62
4-Nitroaniline
Concen: 40.601 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion:138 Resp: 102534
Ion Ratio Lower Upper
138 100
92 56.1 38.7 78.7
108 88.3 74.6 114.6



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

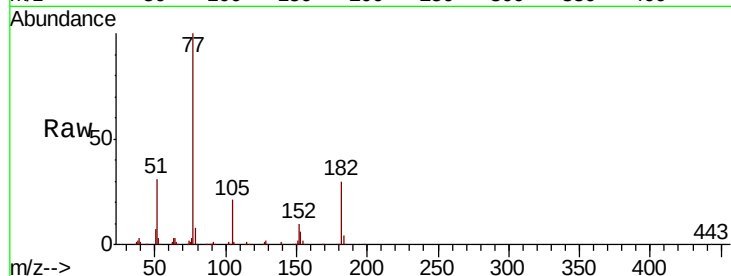




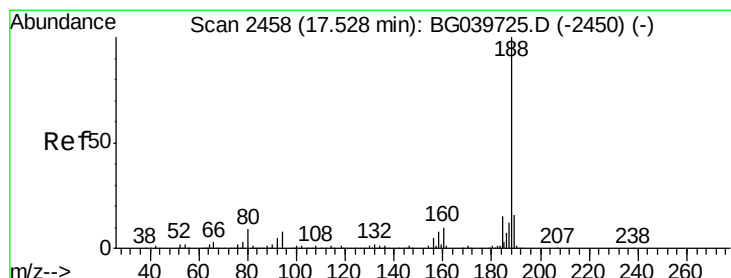
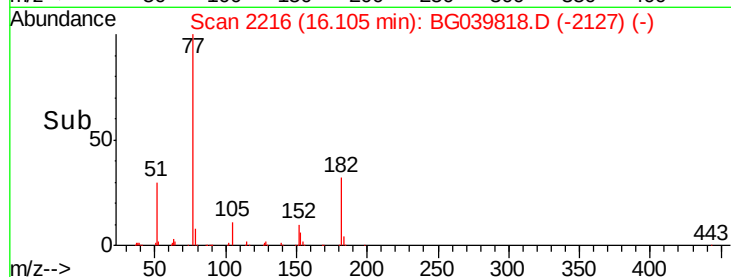
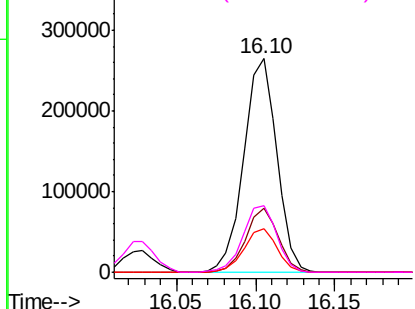
#63
Azobenzene
Concen: 39.156 ng
RT: 16.10 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	384083
Ion	Ratio	Lower	Upper
77	100		
182	30.1	6.4	46.4
105	20.6	0.0	39.8
51	31.3	14.1	54.1

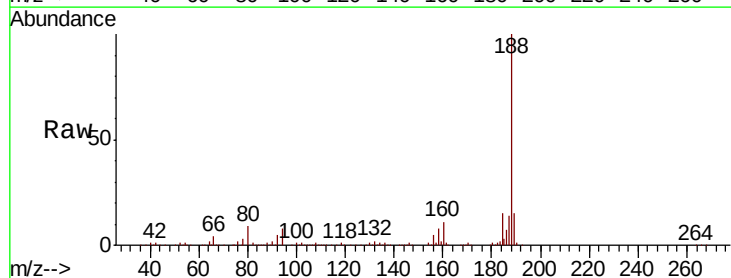


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

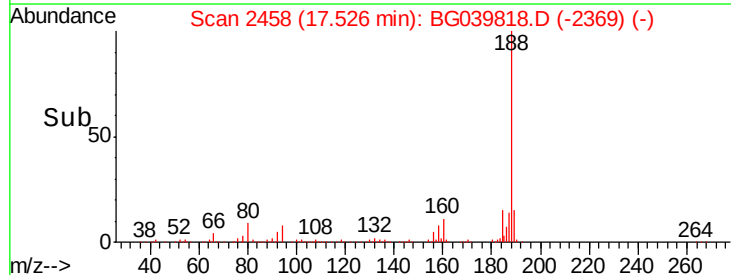
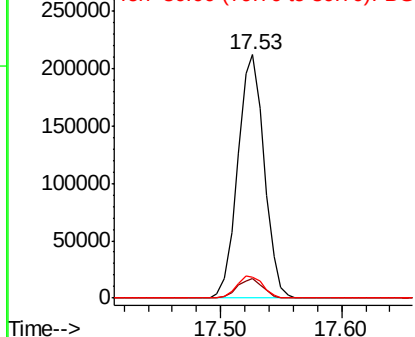


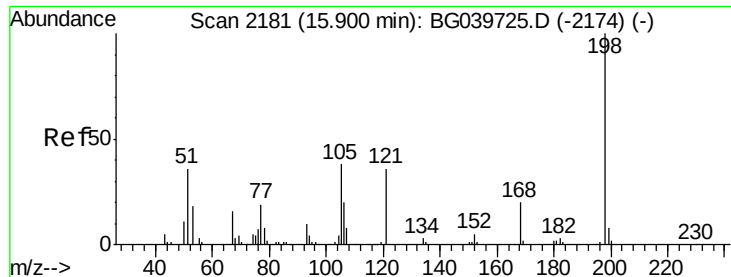
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion:	188	Resp:	324028
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.8	8.1	12.1



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





#65

4,6-Dinitro-2-methylphenol

Concen: 37.761 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

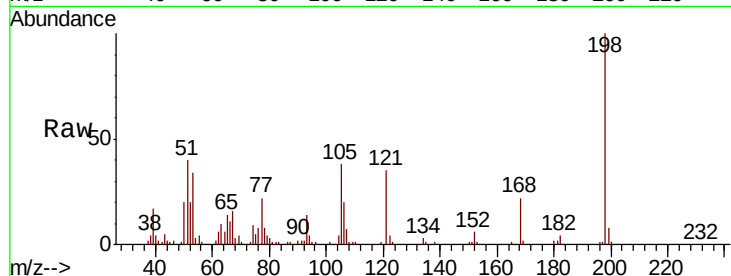
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 72345

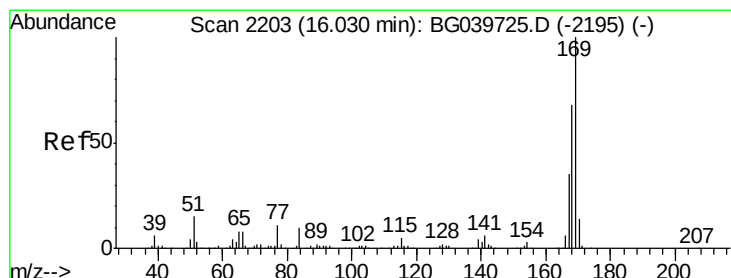
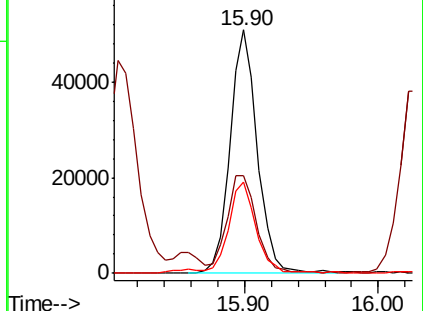
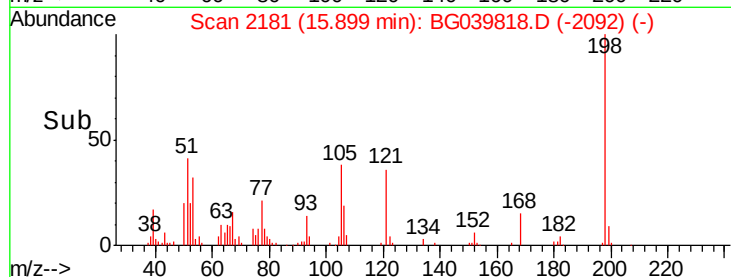
Ion	Ratio	Lower	Upper
198	100		
51	39.9	27.4	67.4
105	37.6	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039818.D (-2092) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.978 ng

RT: 16.03 min Scan# 2203

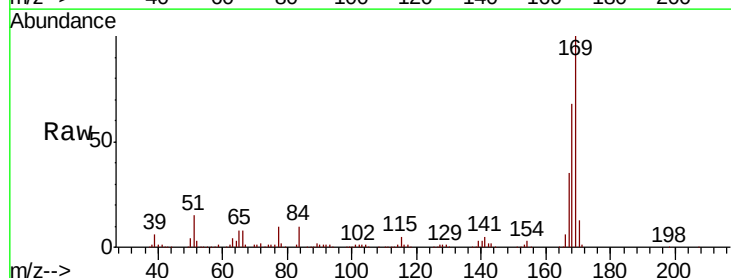
Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion:169 Resp: 375022

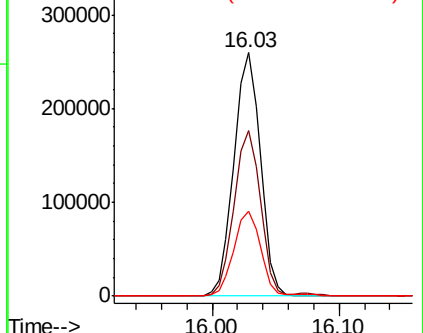
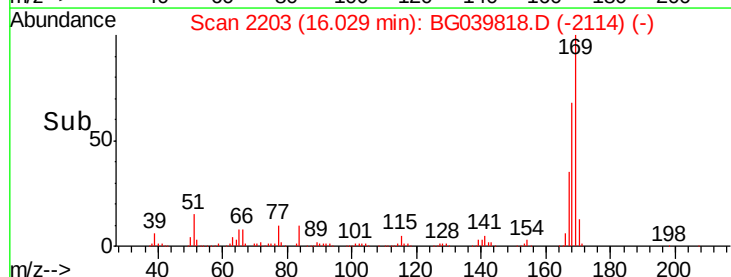
Ion	Ratio	Lower	Upper
169	100		
168	68.2	56.6	85.0
167	34.8	28.8	43.2

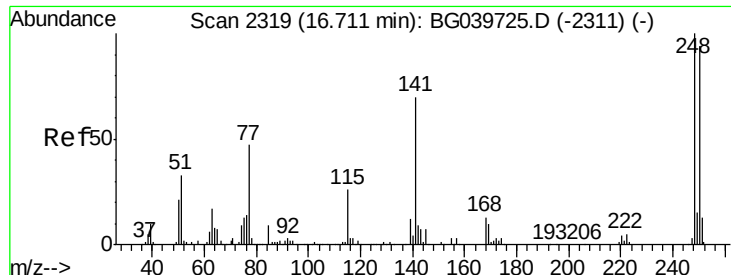


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

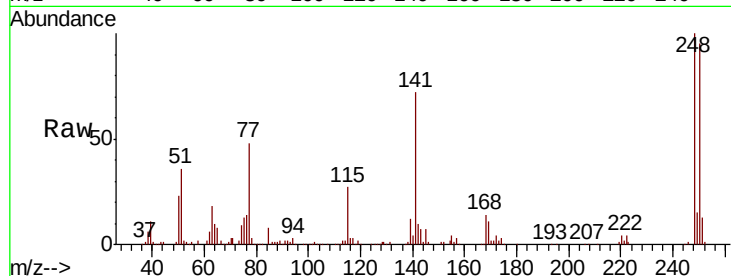




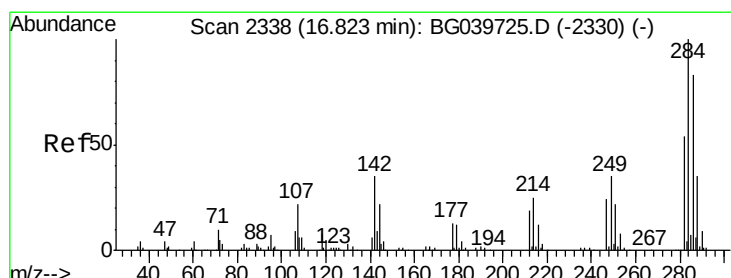
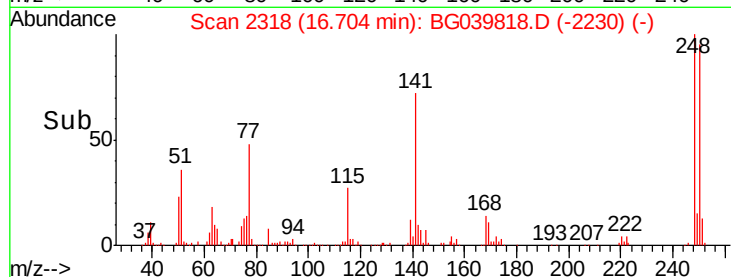
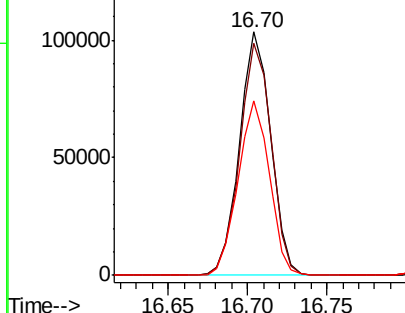
#67
 4-Bromophenyl-phenylether
 Concen: 38.883 ng
 RT: 16.70 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 141028
 Ion Ratio Lower Upper
 248 100
 250 95.2 77.6 116.4
 141 71.6 63.9 95.9

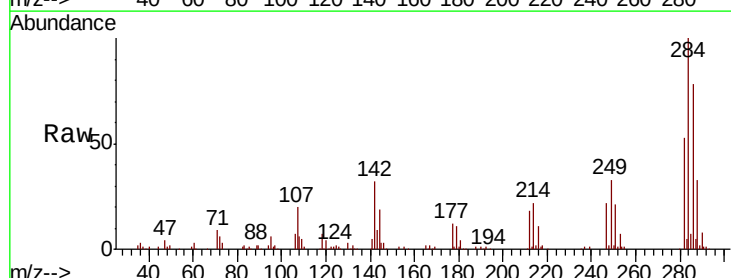


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

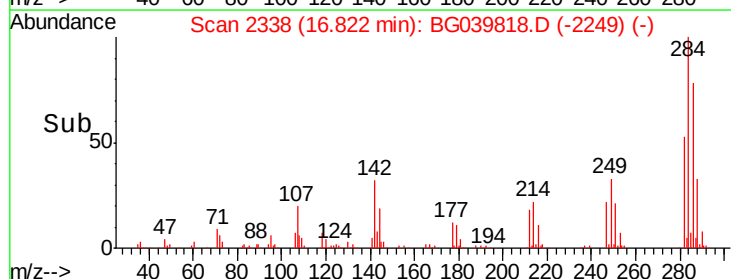
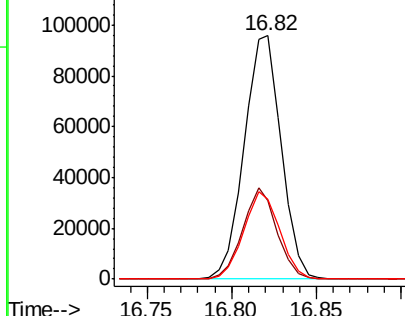


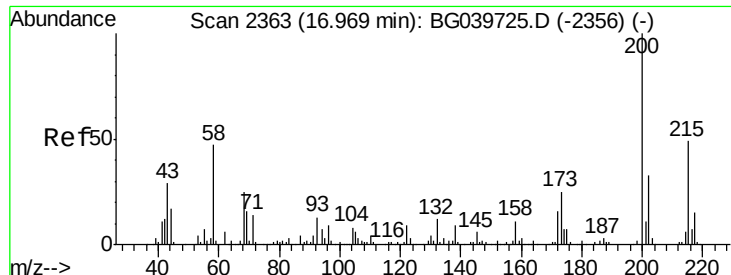
#68
 Hexachlorobenzene
 Concen: 38.731 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion:284 Resp: 145612
 Ion Ratio Lower Upper
 284 100
 142 32.3 30.6 45.8
 249 32.7 28.2 42.2



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: 40.715 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampled :

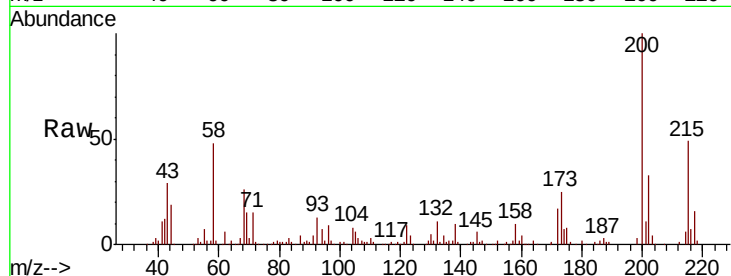
Tot Ion:200 Resp: 150316

Ion Ratio Lower Upper

200 100

173 25.1 3.9 43.9

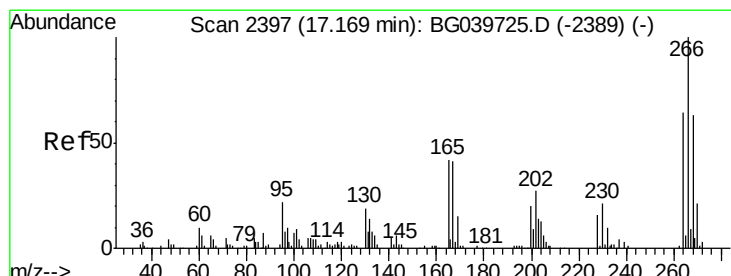
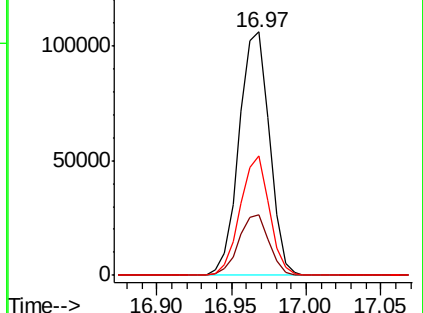
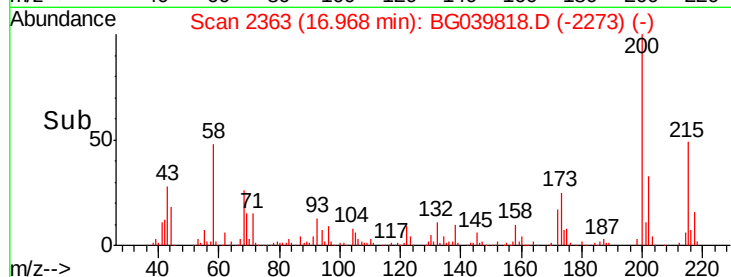
215 49.1 30.9 70.9



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: 76.630 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

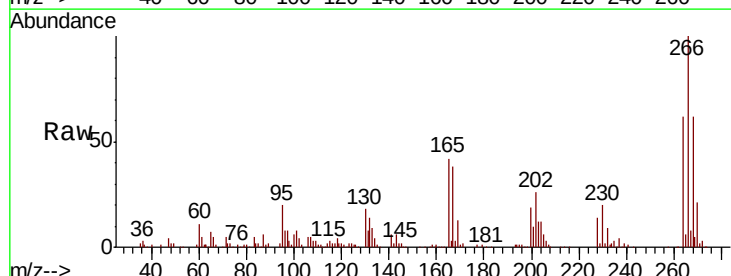
Tgt Ion:266 Resp: 181948

Ion Ratio Lower Upper

266 100

268 62.0 51.1 76.7

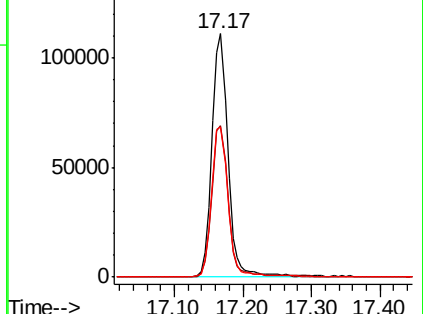
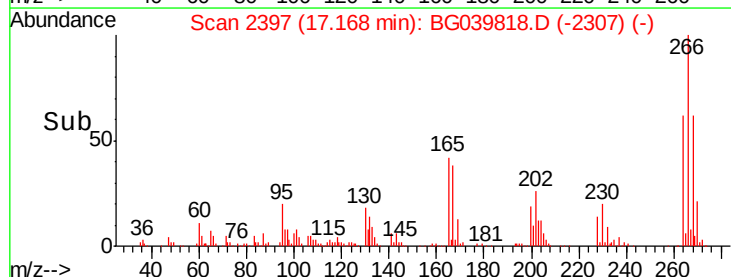
264 61.8 52.1 78.1

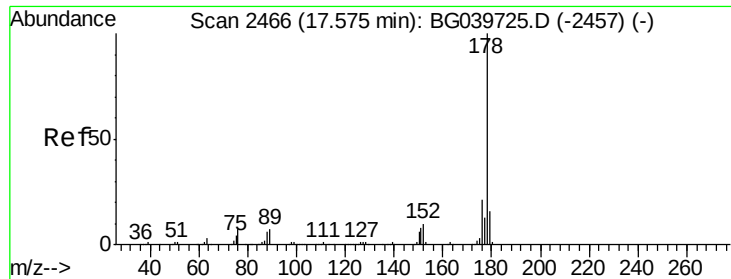


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

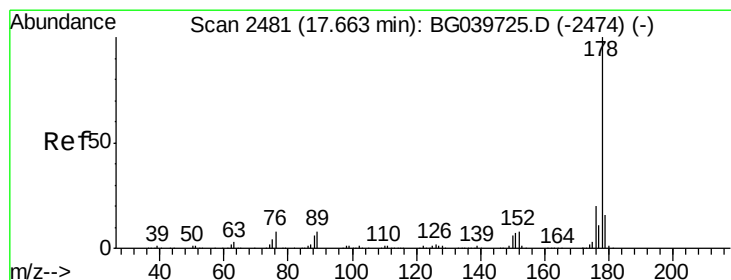
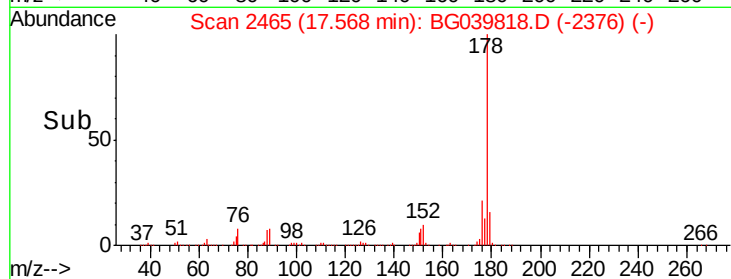
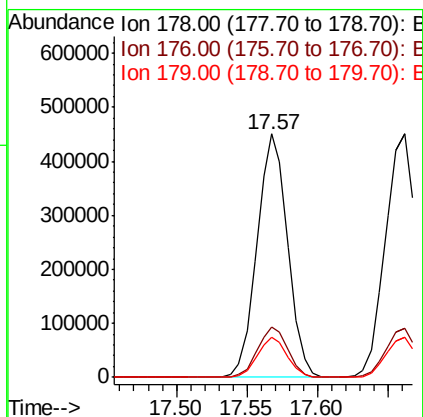
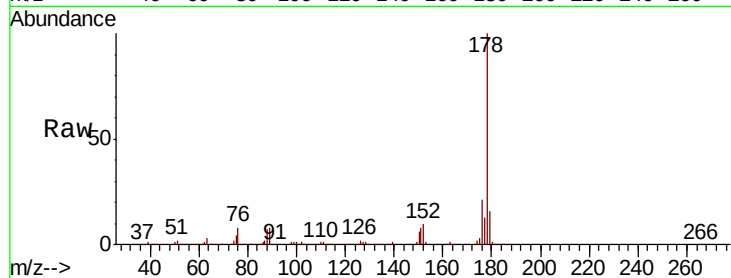




#71
Phenanthrene
Concen: 38.397 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

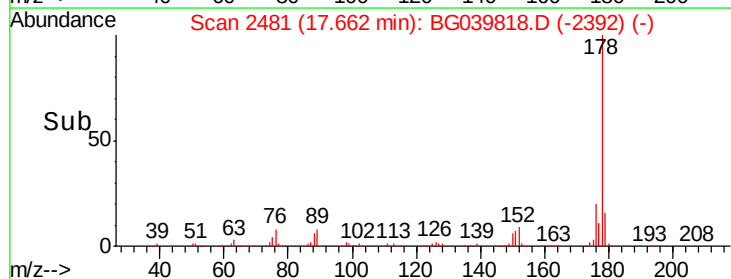
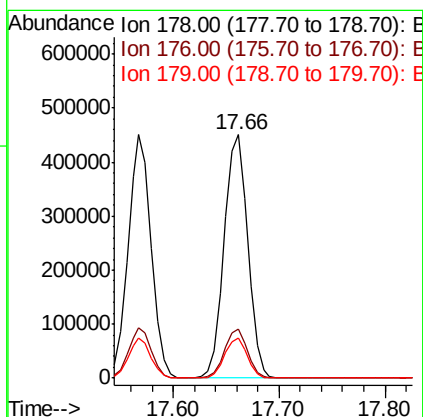
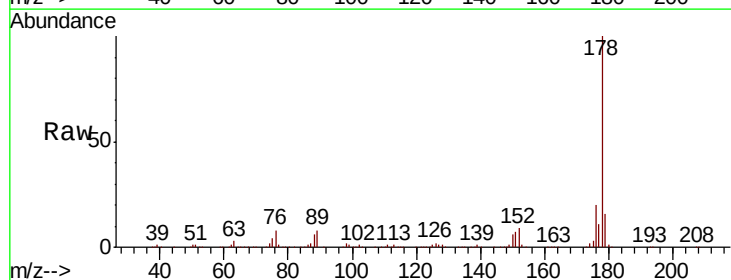
Instrument :
BNA_G
ClientSampleId :

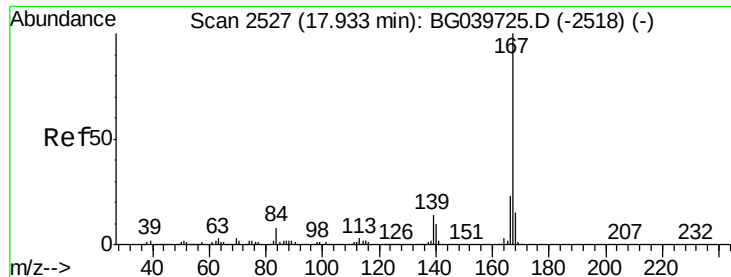
Tot Ion:178 Resp: 685304
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.3 12.6 19.0



#72
Anthracene
Concen: 40.097 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion:178 Resp: 697395
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 16.5 12.5 18.7

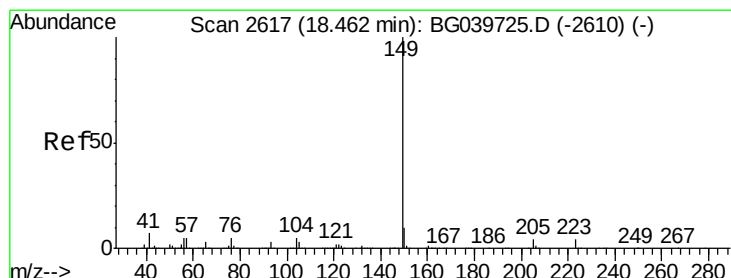
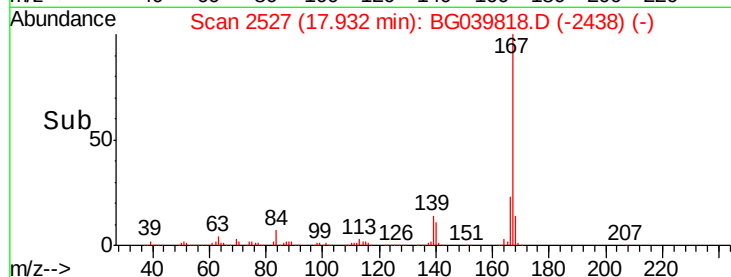
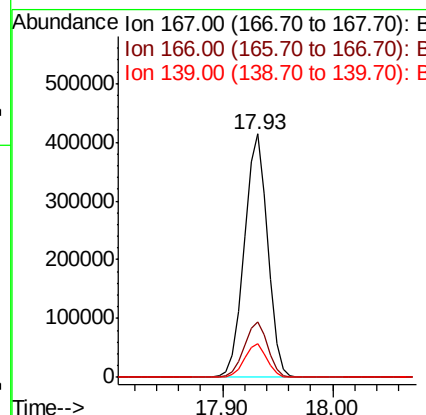
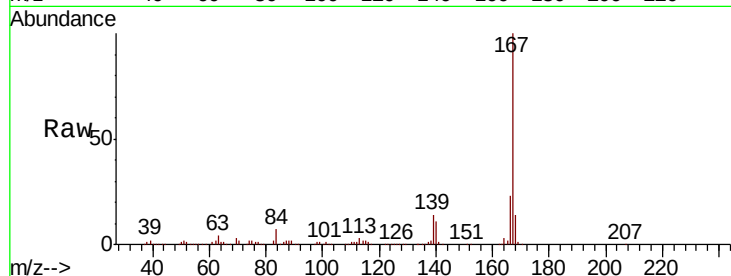




#73
 Carbazole
 Concen: 39.116 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

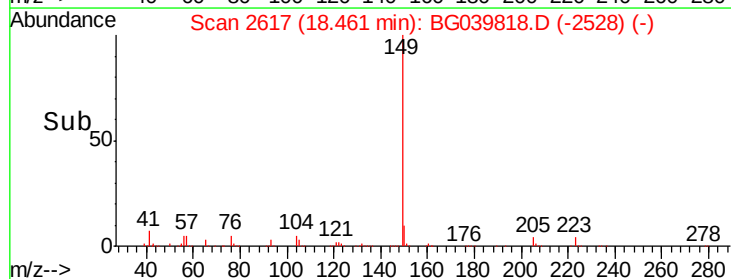
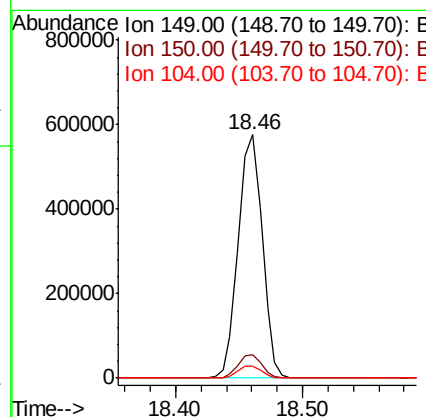
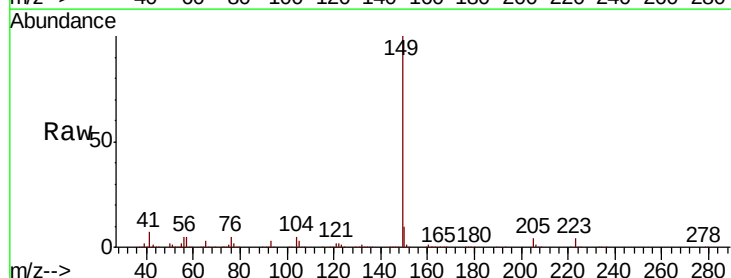
Instrument :
 BNA_G
 ClientSampled :

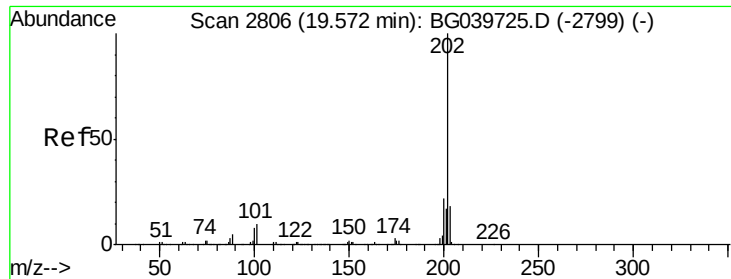
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.4	29.2
139	13.7	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 40.800 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.2	4.5	6.7





#75

Fluoranthene

Concen: 39.184 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039818.D

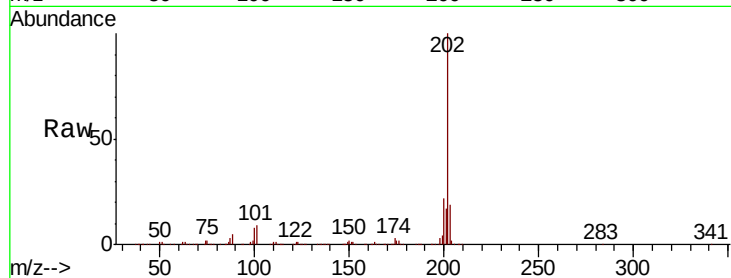
Acq: 8 Mar 2019 13:02

Instrument :

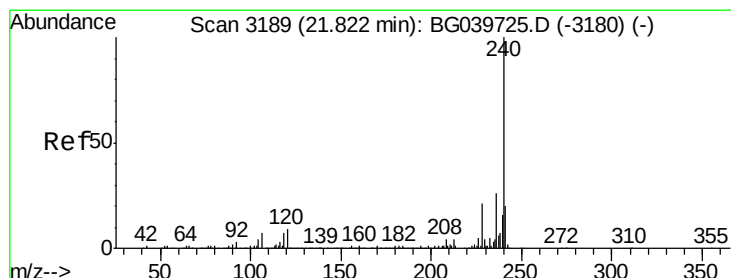
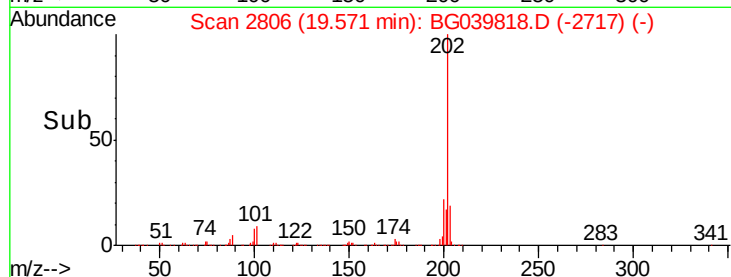
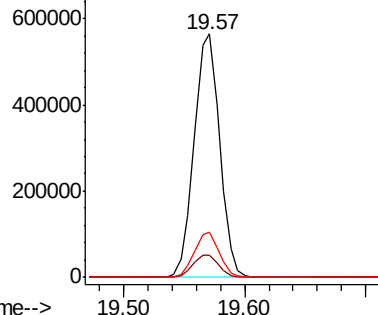
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	826517
Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.0
203	18.7	0.0	38.9



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

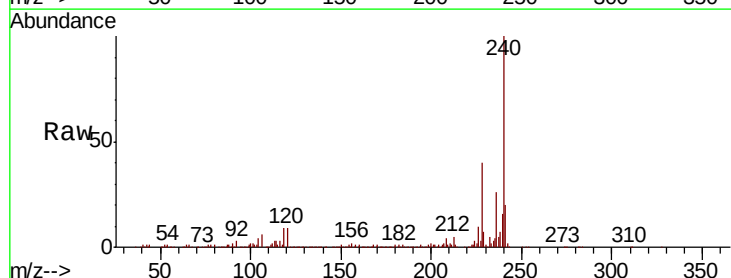
RT: 21.81 min Scan# 3188

Delta R.T. -0.01 min

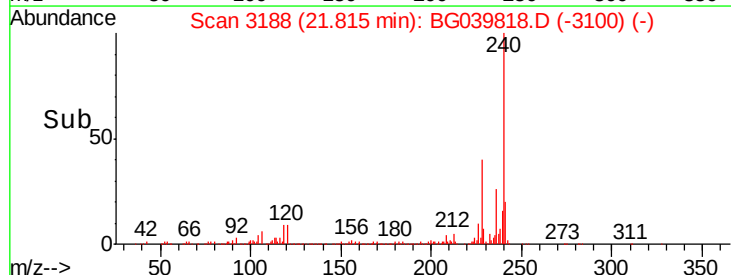
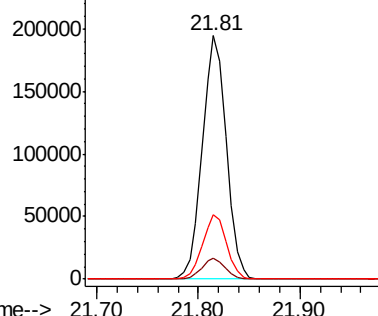
Lab File: BG039818.D

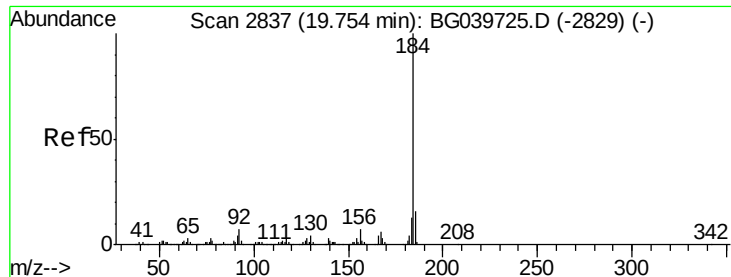
Acq: 8 Mar 2019 13:02

Tgt Ion:	240	Resp:	318387
Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	26.4	21.0	31.4



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: 31.108 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampled :

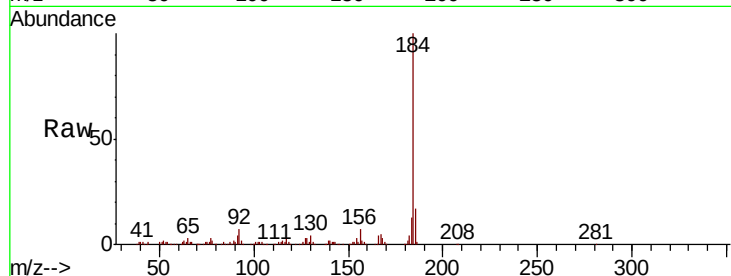
Tot Ion:184 Resp: 314293

Ion Ratio Lower Upper

184 100

185 17.3 12.2 18.2

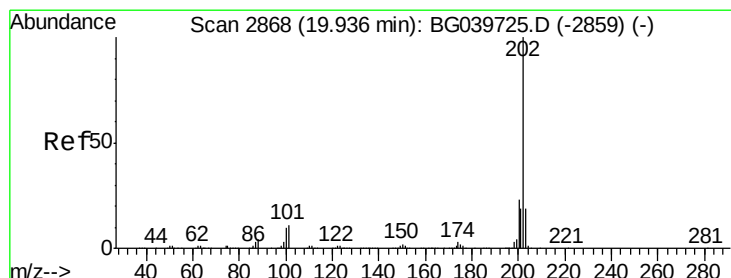
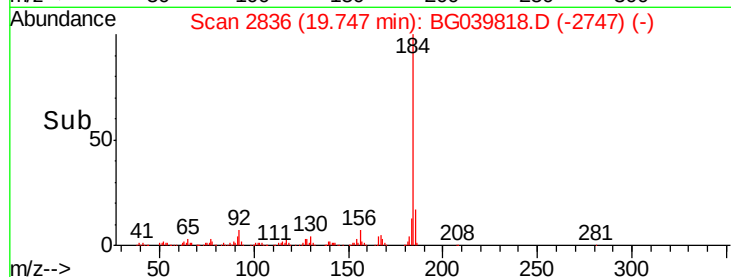
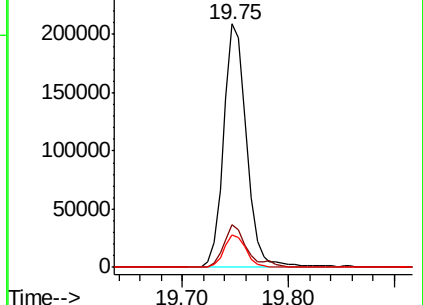
183 13.2 10.6 15.8



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: 39.011 ng

RT: 19.93 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

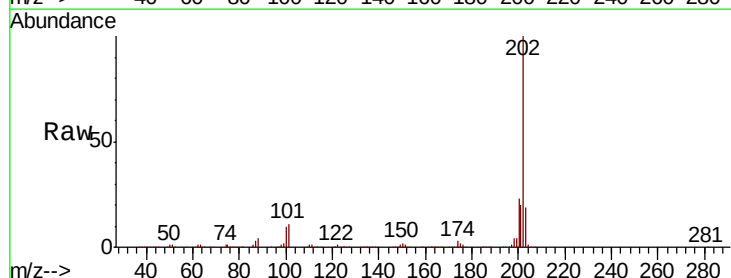
Tgt Ion:202 Resp: 807106

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.8

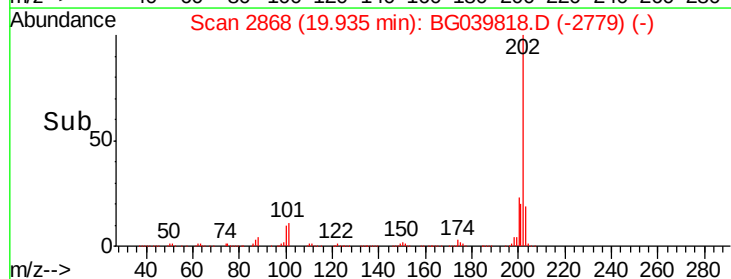
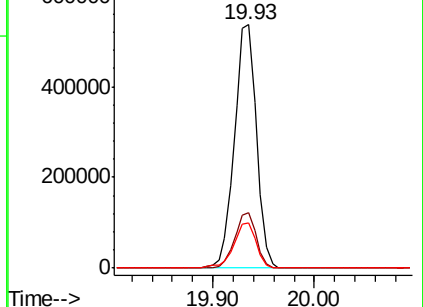
203 18.8 15.3 22.9

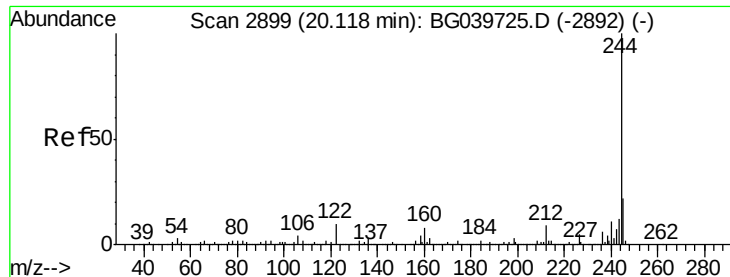


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.565 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampled :

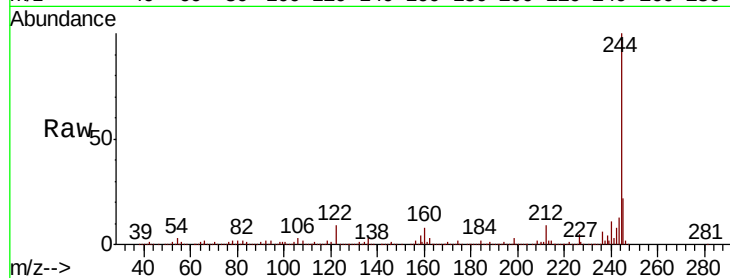
Tot Ion:244 Resp: 1092691

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

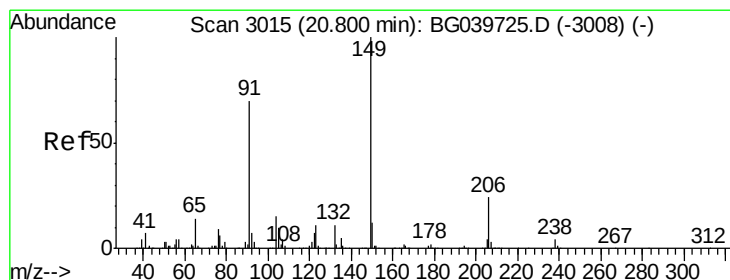
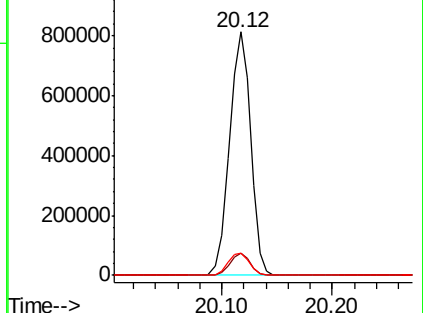
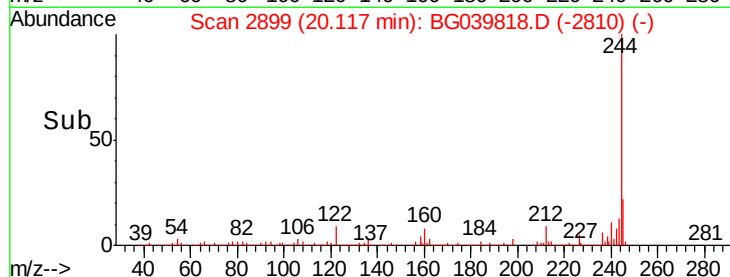
122 9.3 8.4 12.6



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: 43.297 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

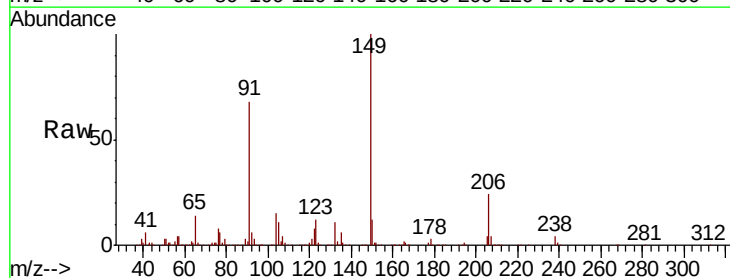
Tgt Ion:149 Resp: 347044

Ion Ratio Lower Upper

149 100

91 68.0 59.5 89.3

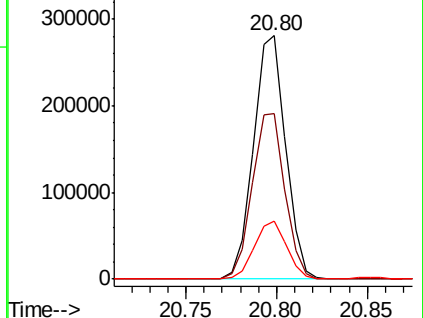
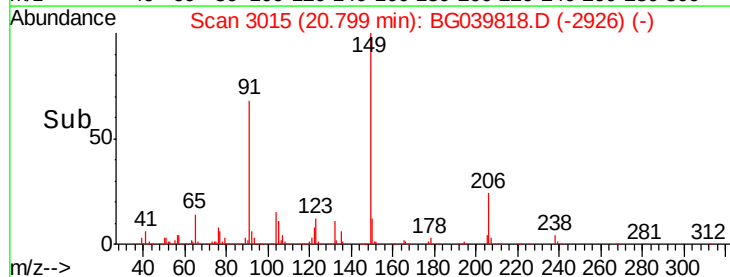
206 23.8 18.6 27.8

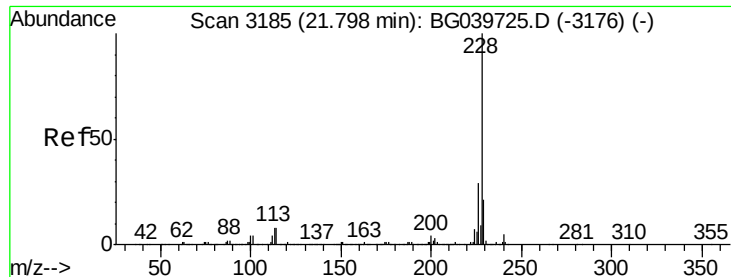


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

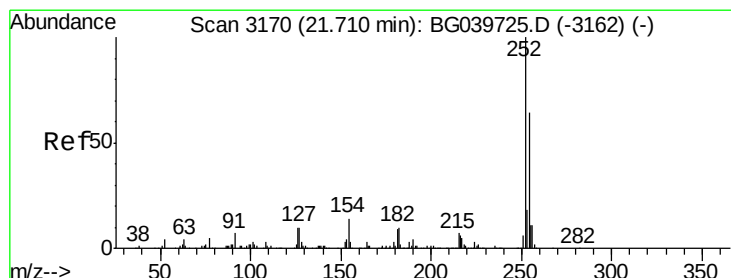
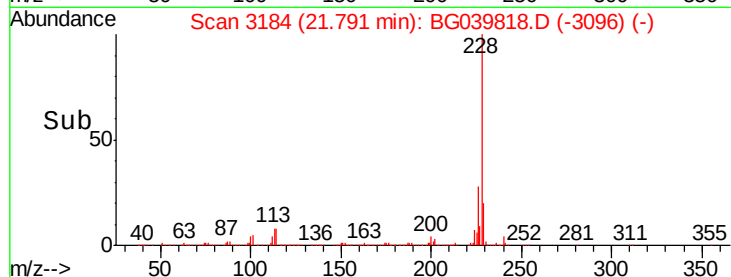
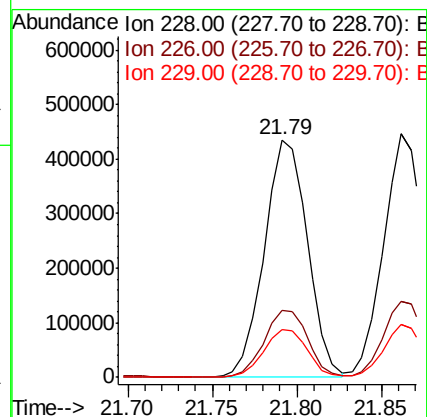
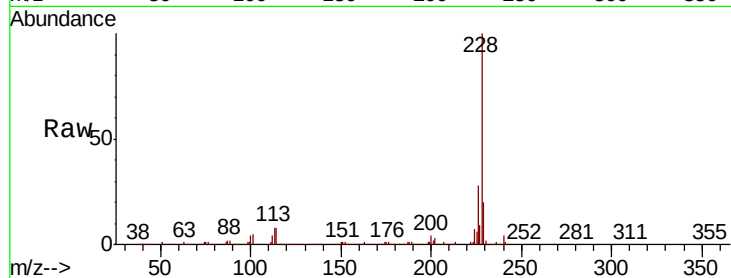




#81
Benzo(a)anthracene
Concen: 38.522 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

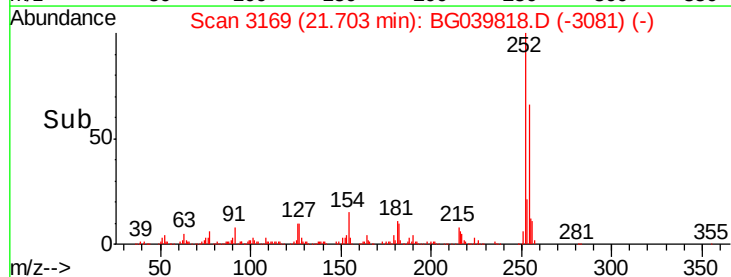
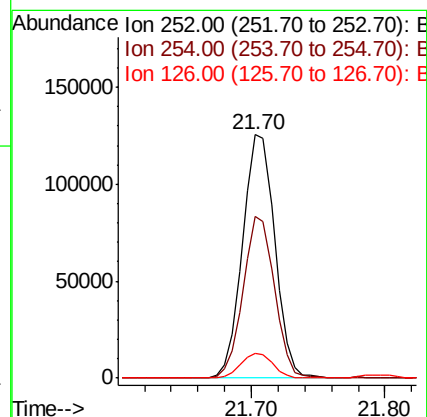
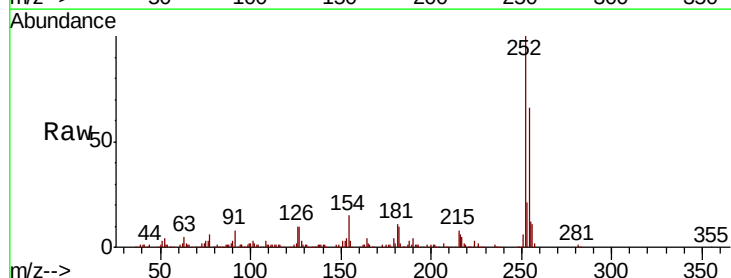
Instrument :
BNA_G
ClientSampleId :

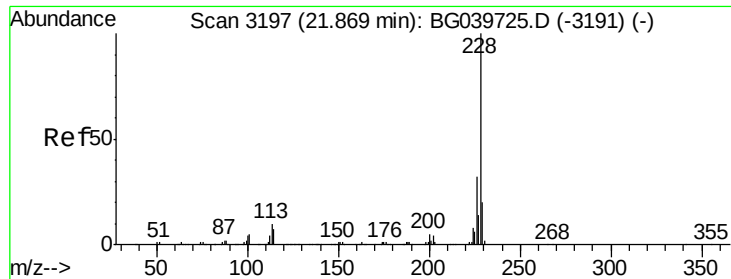
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.6
229	20.1	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 28.815 ng
RT: 21.70 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.3	76.9
126	10.1	8.0	12.0

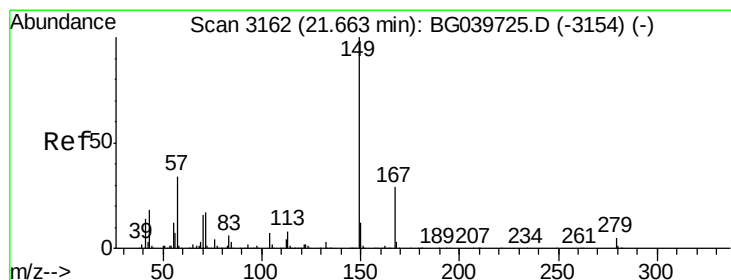
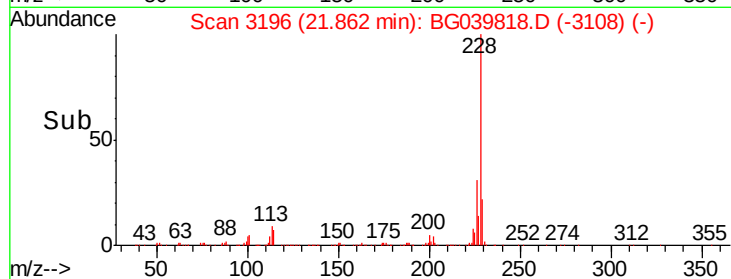
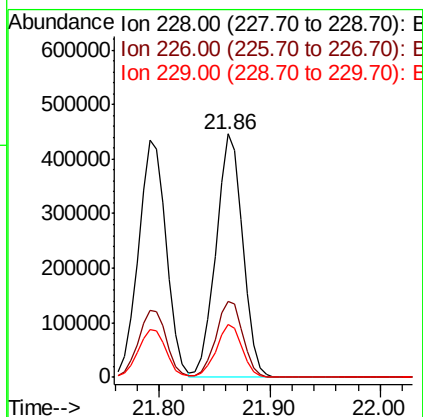
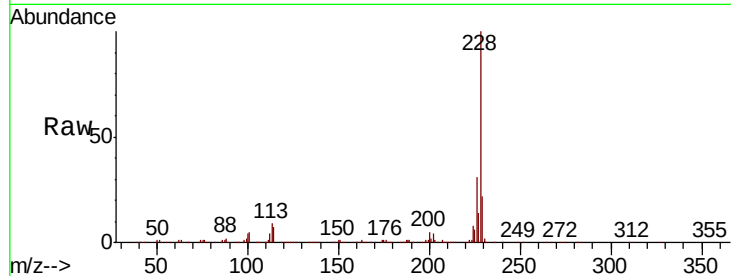




#83
 Chrysene
 Concen: 38.607 ng
 RT: 21.86 min Scan# 3196
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

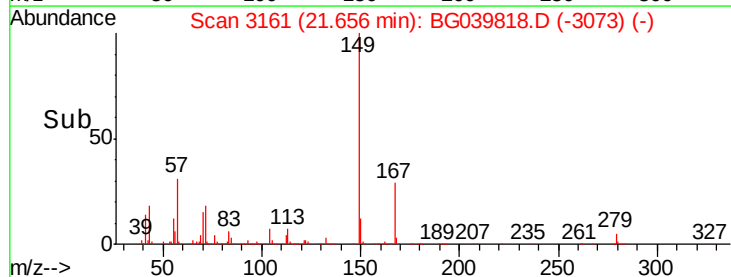
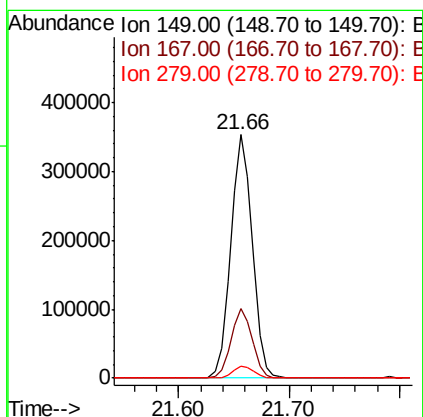
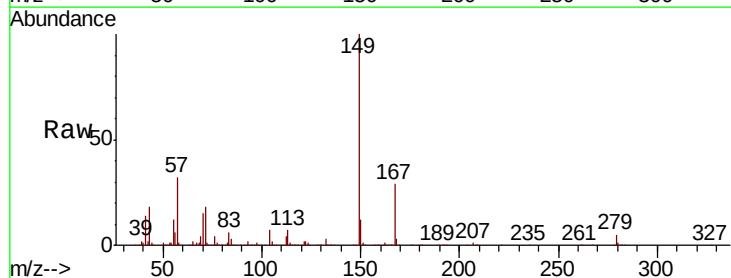
Instrument :
 BNA_G
 ClientSampled :

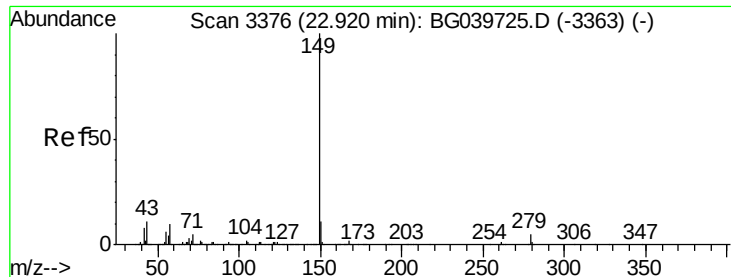
Tot Ion:228 Resp: 746863
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.8 38.6
 229 21.5 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.935 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion:149 Resp: 483606
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.6 34.0
 279 4.6 3.5 5.3

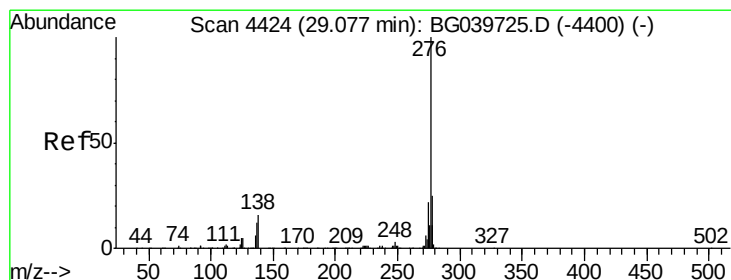
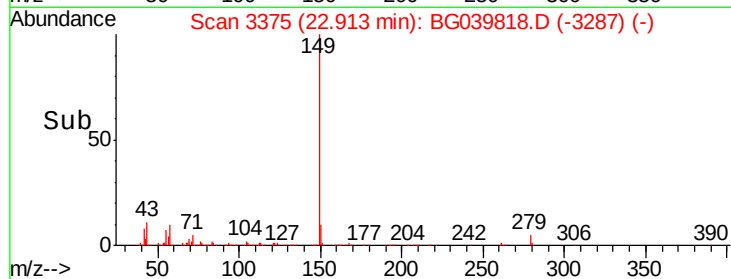
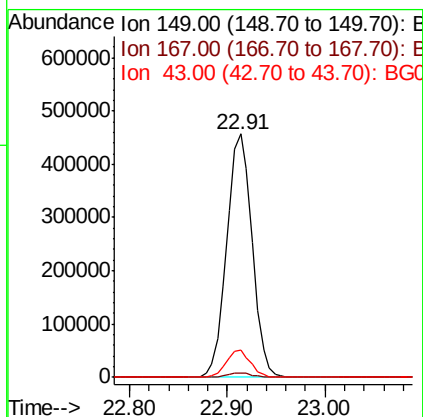
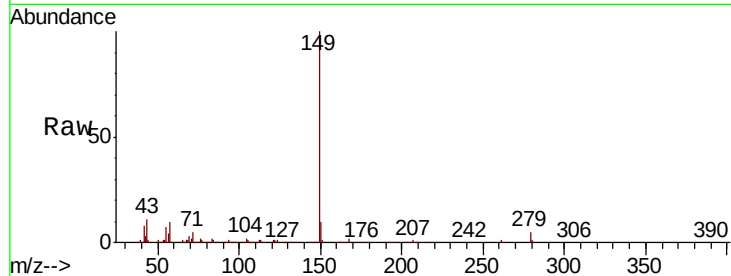




#85
Di-n-octyl phthalate
Concen: 43.929 ng
RT: 22.91 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

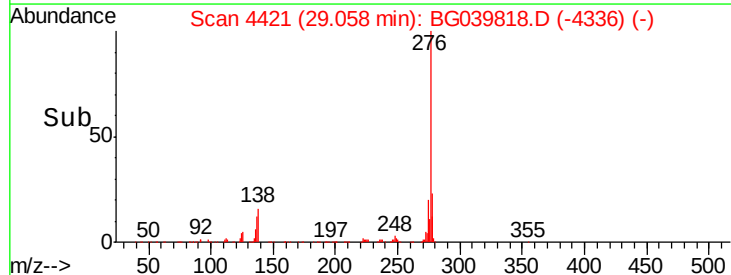
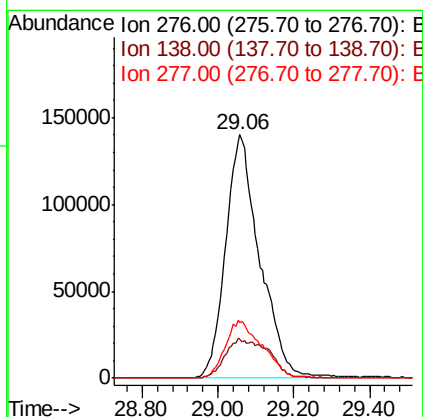
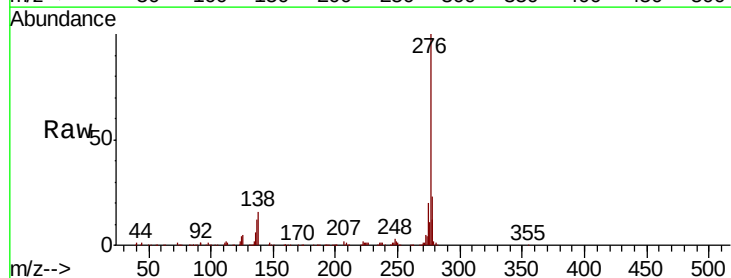
Instrument :
BNA_G
ClientSampleId :

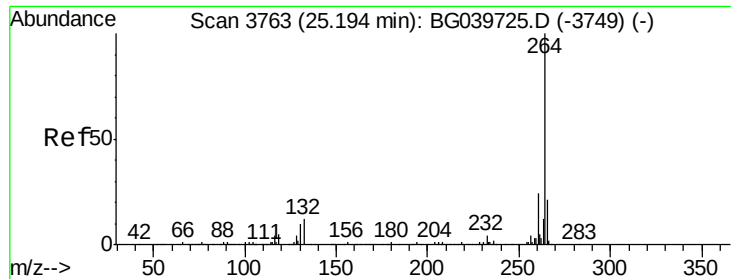
Tot Ion:149 Resp: 819273
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.7 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.047 ng
RT: 29.06 min Scan# 4421
Delta R.T. -0.03 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion:276 Resp: 878876
Ion Ratio Lower Upper
276 100
138 20.5 12.6 19.0#
277 25.4 20.8 31.2

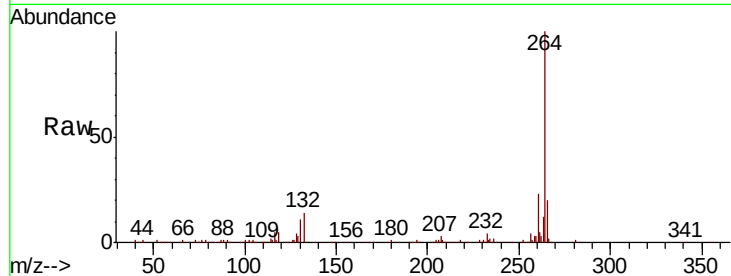




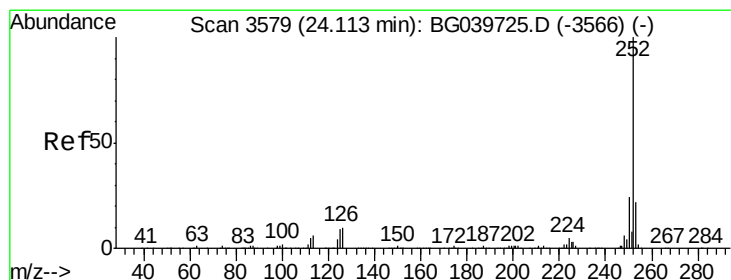
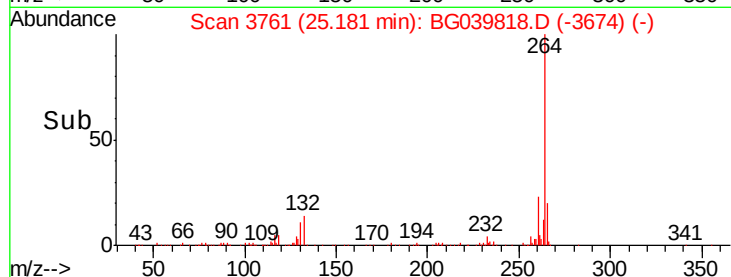
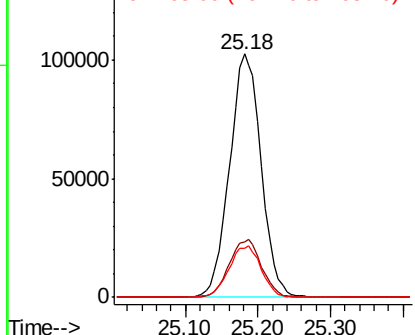
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 309176
Ion Ratio Lower Upper
264 100
260 22.7 18.2 27.4
265 20.4 18.5 27.7

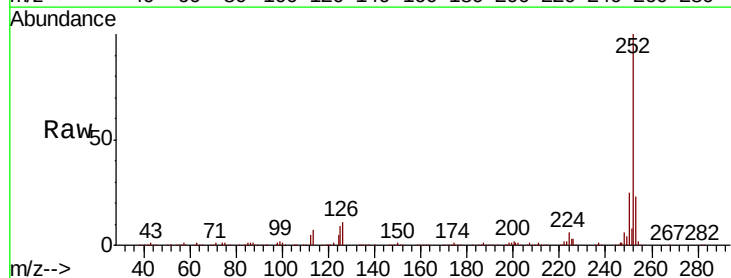


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

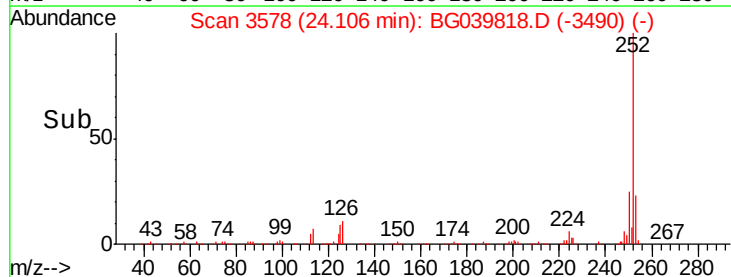
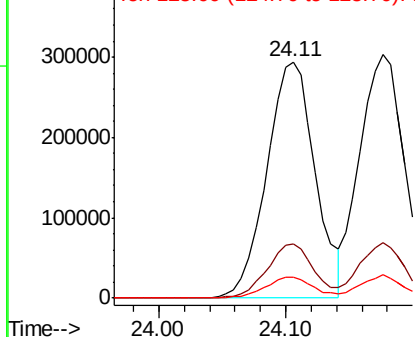


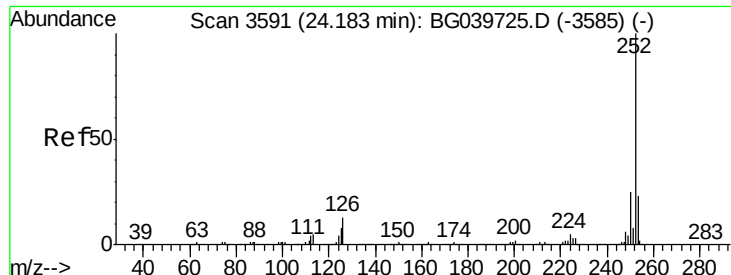
#88
Benzo(b)fluoranthene
Concen: 42.287 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion:252 Resp: 779640
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 8.6 7.8 11.6



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

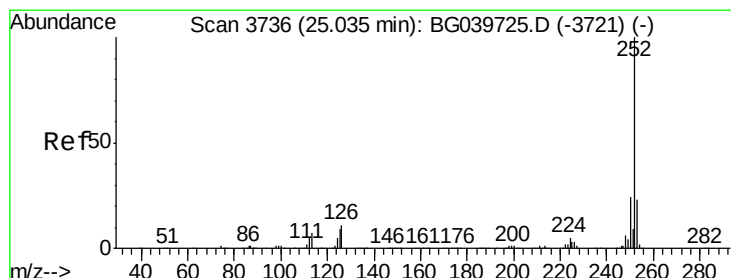
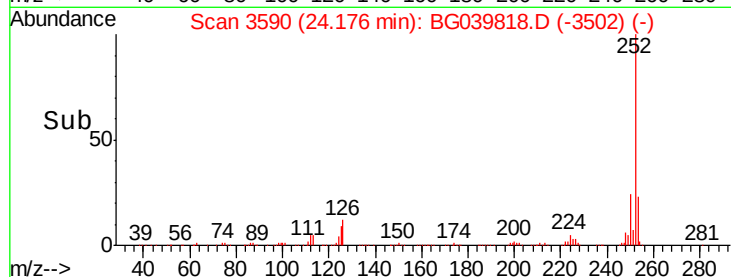
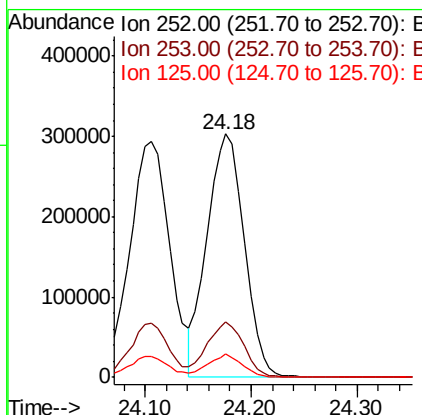
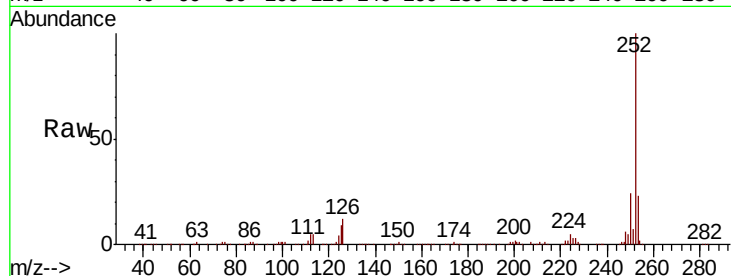




#89
Benzo(k)fluoranthene
Concen: 43.169 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

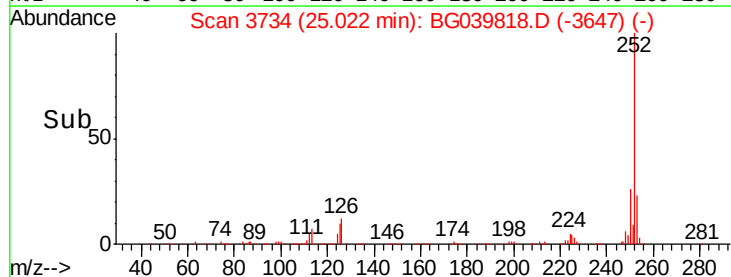
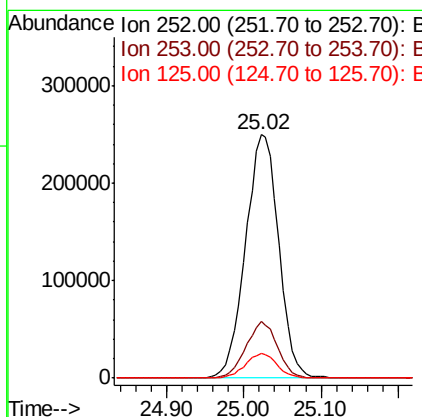
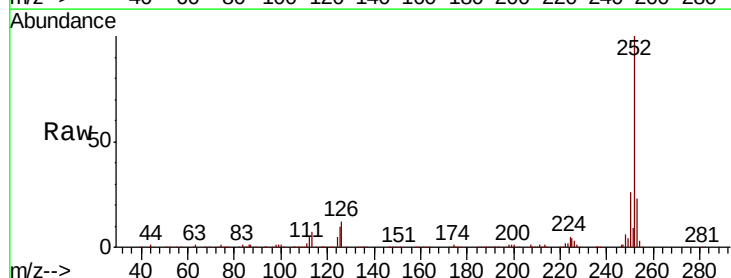
Instrument :
BNA_G
ClientSampleId :

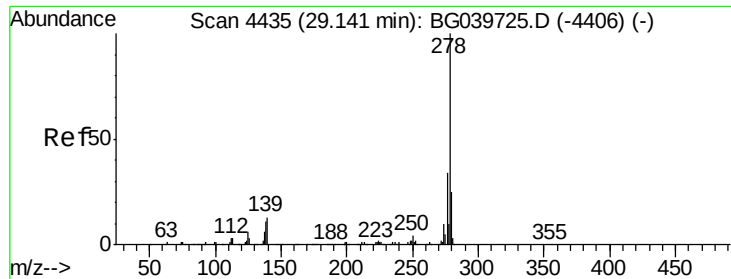
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.4	7.4	11.2



#90
Benzo(a)pyrene
Concen: 44.046 ng
RT: 25.02 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	10.0	8.3	12.5

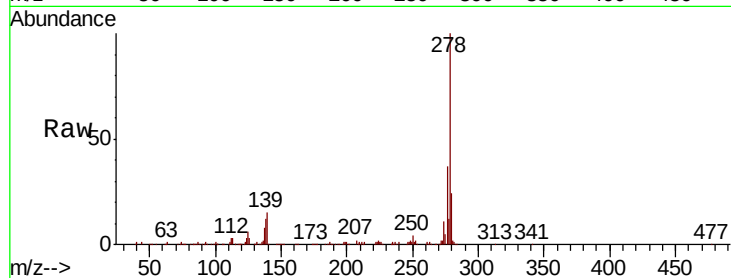




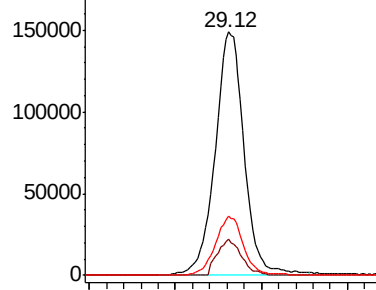
#91
Dibenzo(a,h)anthracene
Concen: 42.715 ng
RT: 29.12 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :

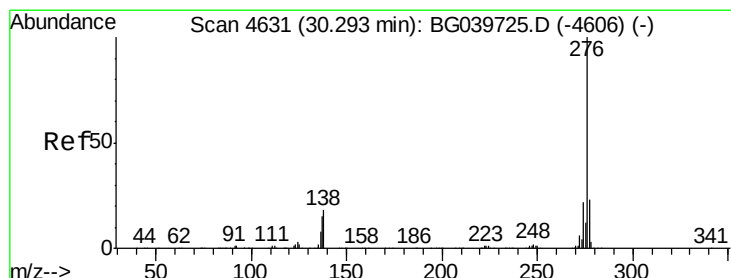
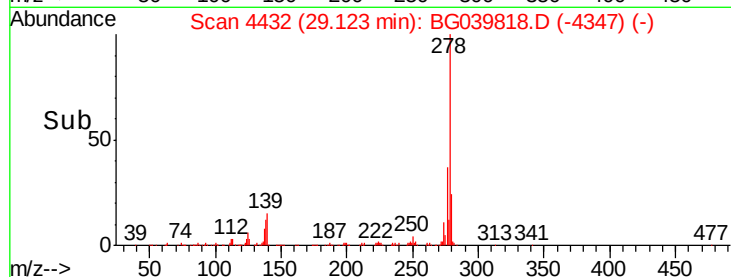
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.7	17.5
279	24.4	19.1	28.7



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

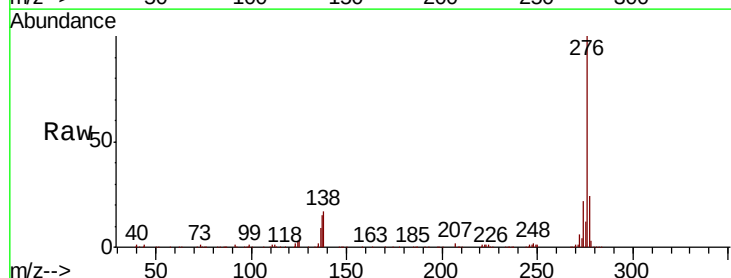


Time--> 28.80 29.00 29.20 29.40

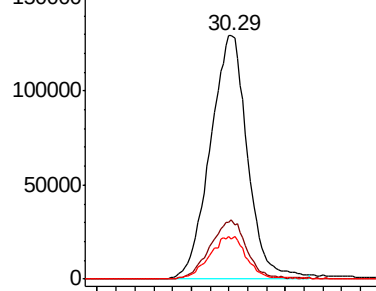


#92
Benzo(g,h,i)perylene
Concen: 42.524 ng
RT: 30.29 min Scan# 4630
Delta R.T. -0.03 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	16.6	14.7	22.1



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



Time--> 30.00 30.20 30.40

