

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040100.D
 Acq On : 23 Mar 2019 3:34
 Operator : JU/SJ
 Sample : PB118181BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 04:28:04 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	8.14	152	36769	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	162867	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	111673	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	277091	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	265026	20.00	ng	-0.02
87) Perylene-d12	25.16	264	271760	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	176126	81.72	ng	-0.02
7) Phenol-d6	7.29	99	258580	80.46	ng	-0.02
23) Nitrobenzene-d5	9.32	82	220725	73.30	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	105809	81.29	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	580935	74.07	ng	-0.02
79) Terphenyl-d14	20.11	244	818583	68.01	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	23906	24.025	ng	99
3) Pyridine	3.97	79	66925	25.123	ng	91
4) n-Nitrosodimethylamine	3.90	42	37597	29.751	ng	83
6) Aniline	7.46	93	54185	12.870	ng	100
8) 2-Chlorophenol	7.71	128	96730	36.994	ng	94
9) Benzaldehyde	7.28	77	25684	12.390	ng	95
10) Phenol	7.32	94	131002	37.629	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	90204	33.232	ng	95
12) 1,3-Dichlorobenzene	8.03	146	95284	32.221	ng	99
13) 1,4-Dichlorobenzene	8.18	146	96713	32.107	ng	96
14) 1,2-Dichlorobenzene	8.50	146	95007	32.645	ng	98
15) Benzyl Alcohol	8.38	79	88700	34.795	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	164298	30.265	ng	96
17) 2-Methylphenol	8.57	107	82951	37.368	ng	98
18) Hexachloroethane	9.23	117	33425	30.926	ng	97
19) n-Nitroso-di-n-propylamine	8.94	70	72925	31.527	ng	90
20) 3+4-Methylphenols	8.90	107	114571	37.151	ng	97
22) Acetophenone	8.97	105	140208	32.075	ng	# 93
24) Nitrobenzene	9.36	77	110096	34.850	ng	96
25) Isophorone	9.87	82	211971	33.594	ng	98
26) 2-Nitrophenol	10.07	139	56353	36.946	ng	96
27) 2,4-Dimethylphenol	10.11	122	100706	42.452	ng	98
28) bis(2-Chloroethoxy)methane	10.35	93	130550	34.046	ng	98
29) 2,4-Dichlorophenol	10.60	162	108201	40.511	ng	98
30) 1,2,4-Trichlorobenzene	10.82	180	106240	35.349	ng	95
31) Naphthalene	11.01	128	298691	34.638	ng	99
32) Benzoic acid	10.24	122	47088	31.534	ng	97
33) 4-Chloroaniline	11.13	127	36039	9.856	ng	94
34) Hexachlorobutadiene	11.27	225	69433	33.808	ng	96
35) Caprolactam	11.91	113	35242	34.542	ng	# 91
36) 4-Chloro-3-methylphenol	12.23	107	115395	37.690	ng	98
37) 2-Methylnaphthalene	12.61	142	229749	35.637	ng	96
38) 1-Methylnaphthalene	12.83	142	221571	35.366	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	130419	34.473	ng	98

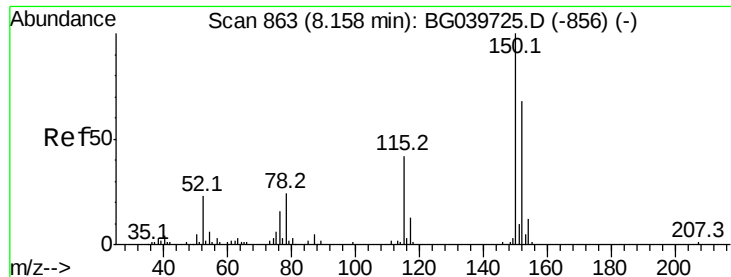
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	171313	84.497	nq	100
43) 2,4,6-Trichlorophenol	13.20	196	89595	40.451	nq	98
44) 2,4,5-Trichlorophenol	13.28	196	96927	38.824	nq	97
46) 1,1'-Biphenyl	13.60	154	318941	34.724	nq	99
47) 2-Chloronaphthalene	13.66	162	248206	35.921	nq	98
48) 2-Nitroaniline	13.86	65	81914	36.889	nq	92
49) Acenaphthylene	14.50	152	398697	35.149	nq	99
50) Dimethylphthalate	14.21	163	333687	35.734	nq	99
51) 2,6-Dinitrotoluene	14.35	165	75163	37.969	nq	93
52) Acenaphthene	14.84	154	241067	35.310	nq	99
53) 3-Nitroaniline	14.68	138	29899	15.025	nq	# 98
54) 2,4-Dinitrophenol	14.89	184	64515	53.539	nq	93
55) Dibenzofuran	15.17	168	405441	36.196	nq	99
56) 4-Nitrophenol	14.98	139	117403	65.952	nq	91
57) 2,4-Dinitrotoluene	15.13	165	107791	38.752	nq	# 87
58) Fluorene	15.81	166	320941	36.447	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	97553	40.010	nq	97
60) Diethylphthalate	15.57	149	336972	36.453	nq	98
61) 4-Chlorophenyl-phenylether	15.80	204	170422	36.268	nq	94
62) 4-Nitroaniline	15.85	138	74669	34.612	nq	93
63) Azobenzene	16.09	77	298692	35.646	nq	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	57002	34.792	nq	95
66) n-Nitrosodiphenylamine	16.02	169	295411	36.826	nq	96
67) 4-Bromophenyl-phenylether	16.69	248	112659	36.323	nq	95
68) Hexachlorobenzene	16.81	284	116192	36.141	nq	95
69) Atrazine	16.96	200	116129	36.783	nq	97
70) Pentachlorophenol	17.16	266	130293	64.170	nq	98
71) Phenanthrene	17.56	178	540713	35.428	nq	99
72) Anthracene	17.65	178	546282	36.729	nq	99
73) Carbazole	17.92	167	467861	34.893	nq	98
74) Di-n-butylphthalate	18.45	149	576831	36.564	nq	99
75) Fluoranthene	19.56	202	631417	35.006	nq	98
77) Benzidine	19.74	184	125888	14.969	nq	99
78) Pyrene	19.92	202	636893	36.982	nq	99
80) Butylbenzylphthalate	20.79	149	253201	37.949	nq	94
81) Benzo(a)anthracene	21.78	228	587059	35.344	nq	98
82) 3,3'-Dichlorobenzidine	21.69	252	101104	16.672	nq	100
83) Chrysene	21.85	228	568437	35.300	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	349337	37.259	nq	99
85) Di-n-octyl phthalate	22.90	149	592764	38.183	nq	# 94
86) Indeno(1,2,3-cd)pyrene	29.03	276	658734	36.060	nq	# 92
88) Benzo(b)fluoranthene	24.16	252	562464	34.708	nq	98
89) Benzo(k)fluoranthene	24.16	252	562464	37.286	nq	98
90) Benzo(a)pyrene	25.01	252	567450	37.894	nq	98
91) Dibenzo(a,h)anthracene	29.09	278	535625	36.485	nq	97
92) Benzo(g,h,i)perylene	30.25	276	539797	36.611	nq	95

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

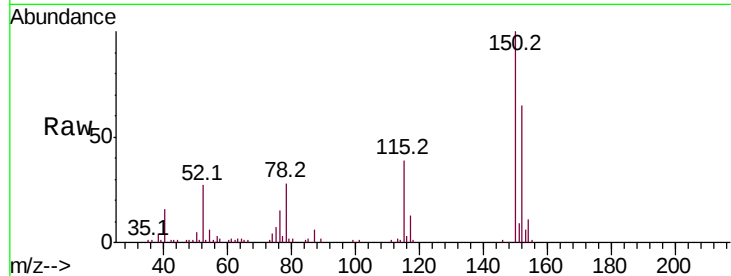


#1

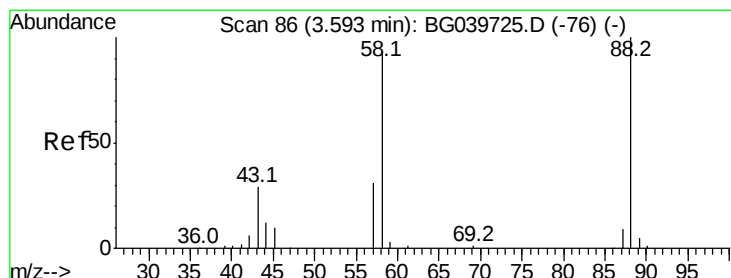
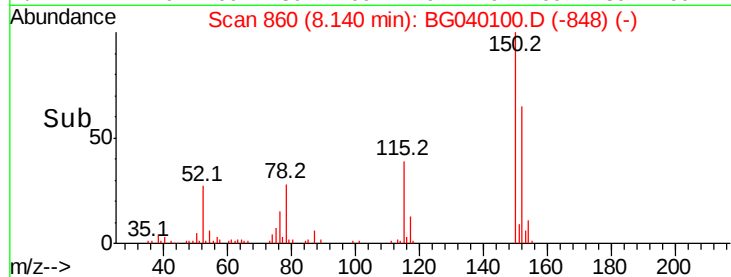
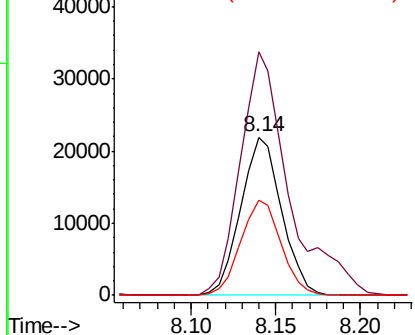
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 36769
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 59.7 45.9 68.9



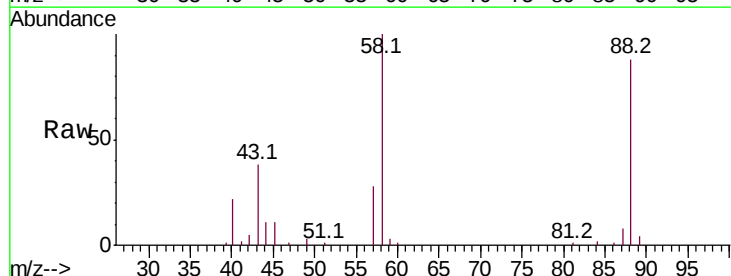
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



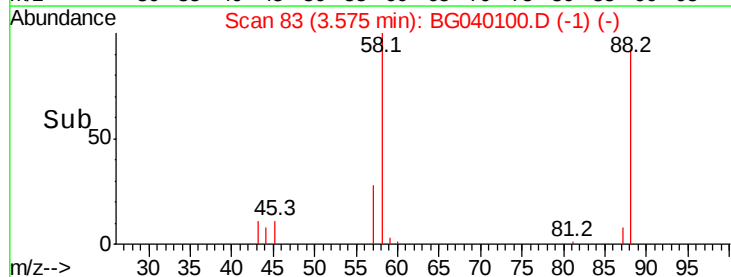
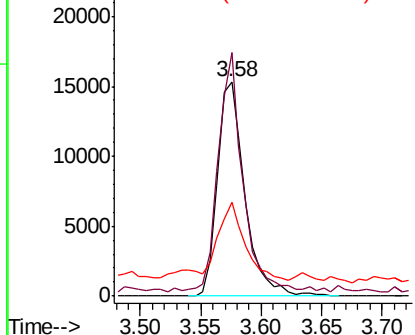
#2

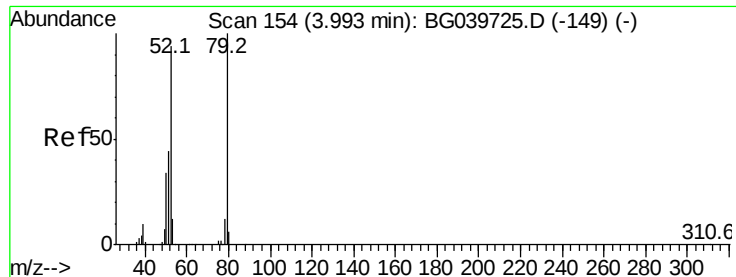
1,4-Dioxane
Concen: 24.025 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion: 88 Resp: 23906
Ion Ratio Lower Upper
88 100
58 101.7 81.1 121.7
43 41.9 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: 25.123 ng

RT: 3.97 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

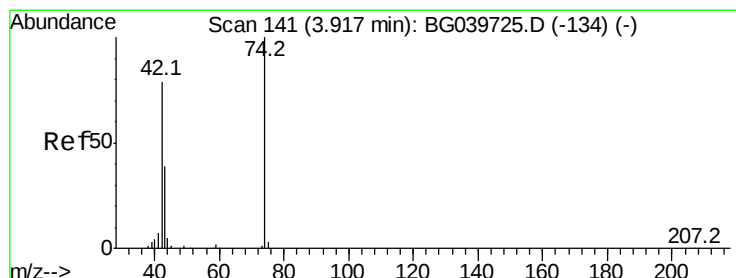
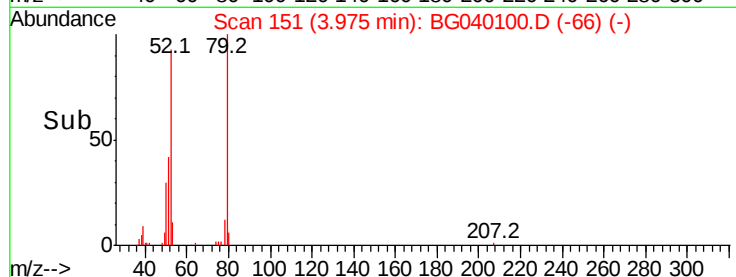
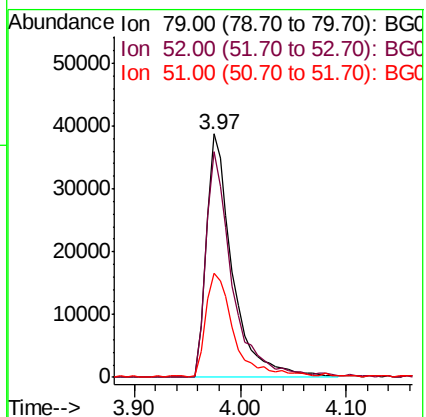
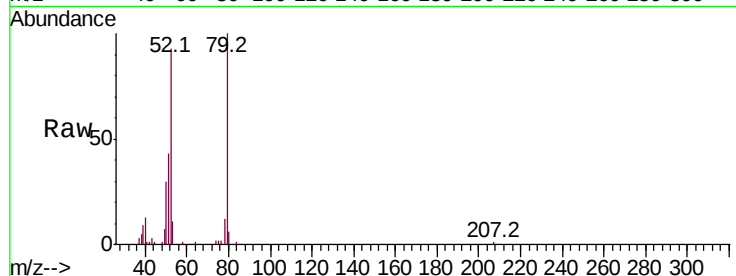
Tot Ion: 79 Resp: 66925

Ion Ratio Lower Upper

79 100

52 93.0 82.6 124.0

51 42.7 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 29.751 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

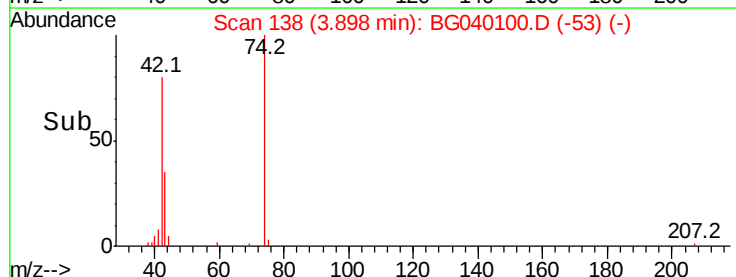
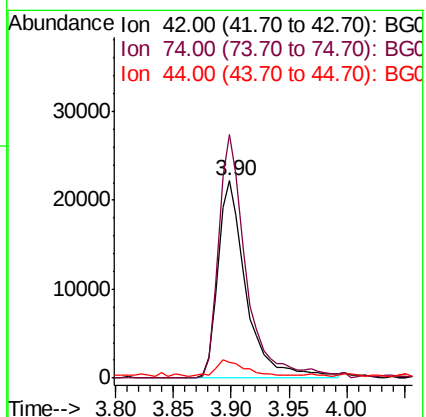
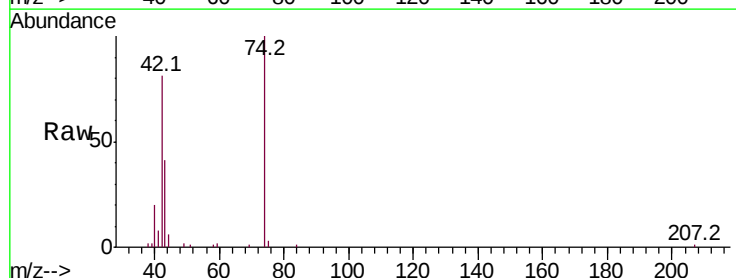
Tgt Ion: 42 Resp: 37597

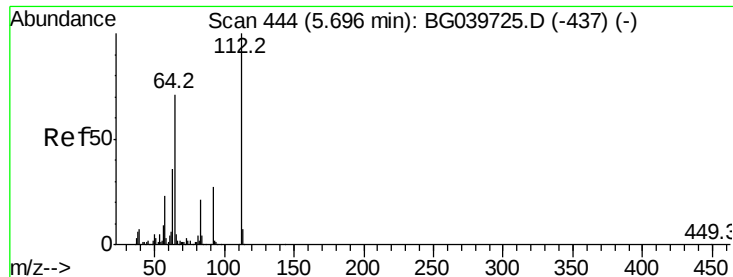
Ion Ratio Lower Upper

42 100

74 123.6 83.6 125.4

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 81.719 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampled :

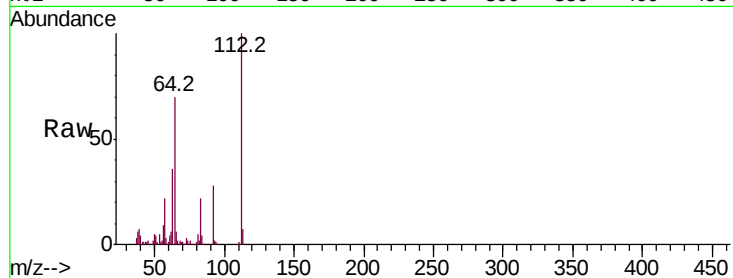
Tot Ion:112 Resp: 176126

Ion Ratio Lower Upper

112 100

64 69.8 57.8 86.8

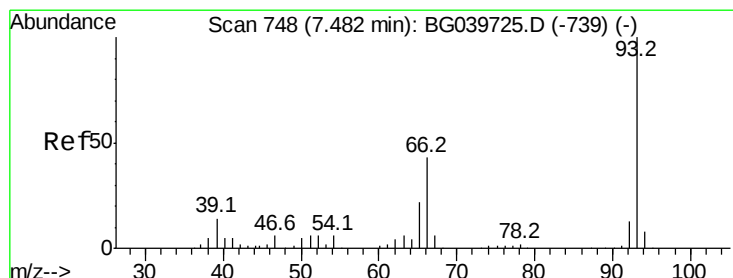
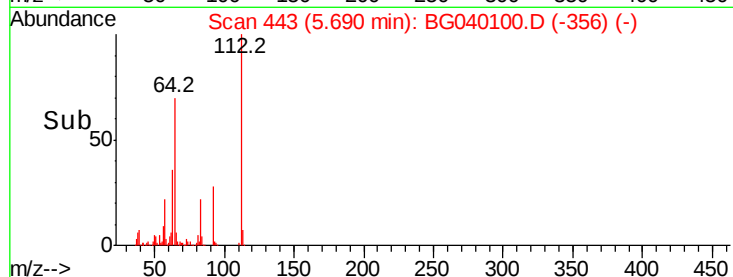
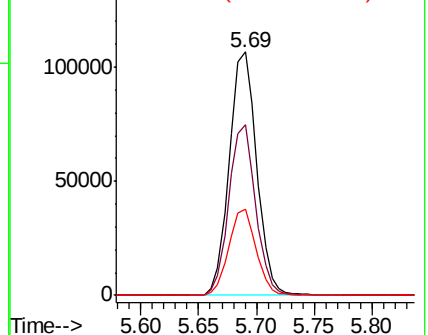
63 35.5 29.8 44.6



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: 12.870 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

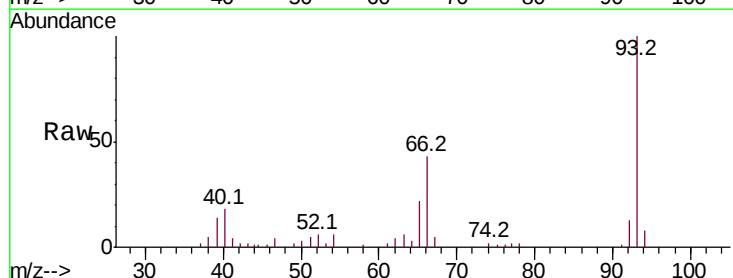
Tgt Ion: 93 Resp: 54185

Ion Ratio Lower Upper

93 100

66 42.9 34.2 51.4

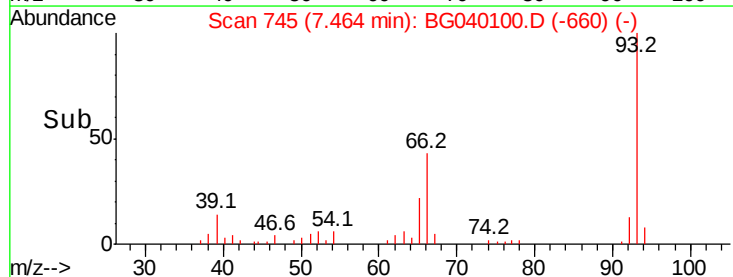
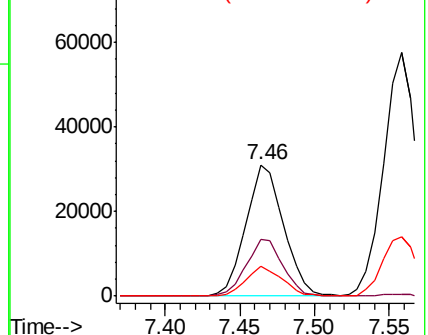
65 22.4 17.7 26.5

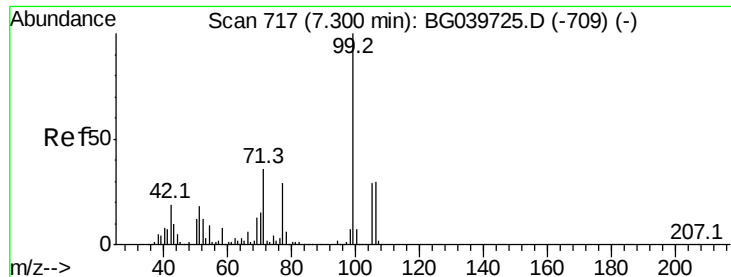


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.464 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

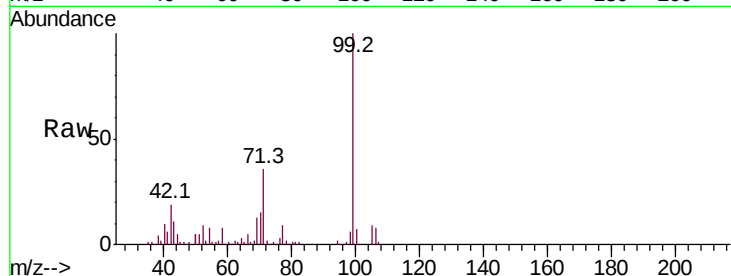
Tot Ion: 99 Resp: 258580

Ion Ratio Lower Upper

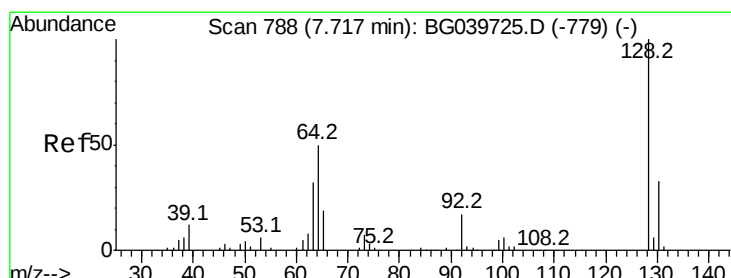
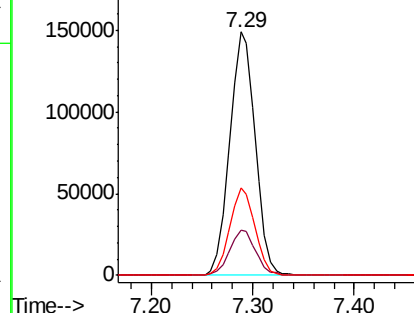
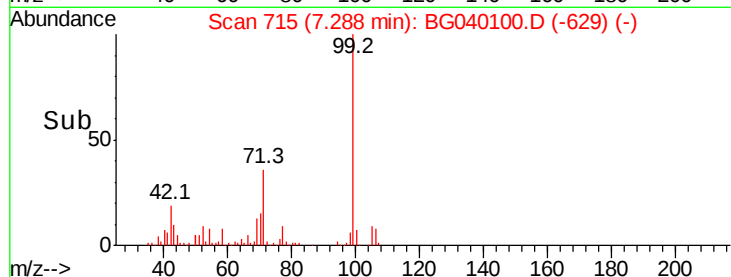
99 100

42 18.6 18.2 27.2

71 35.8 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: 36.994 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

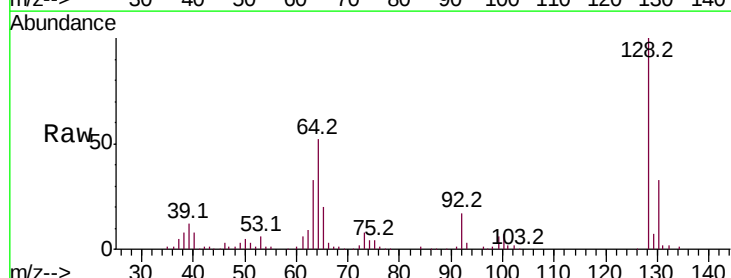
Tgt Ion: 128 Resp: 96730

Ion Ratio Lower Upper

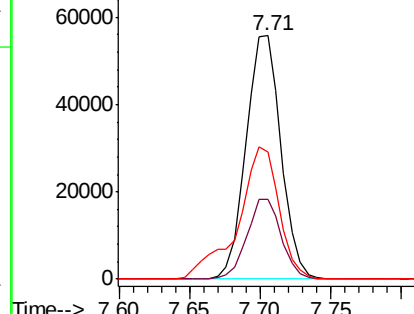
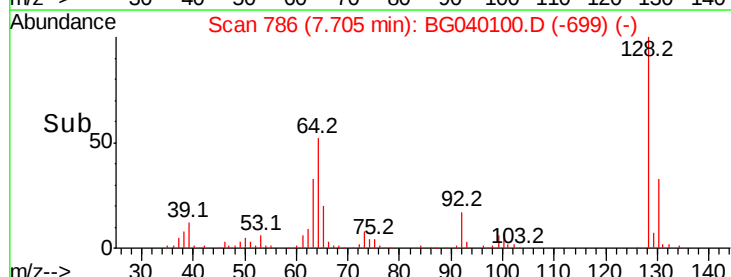
128 100

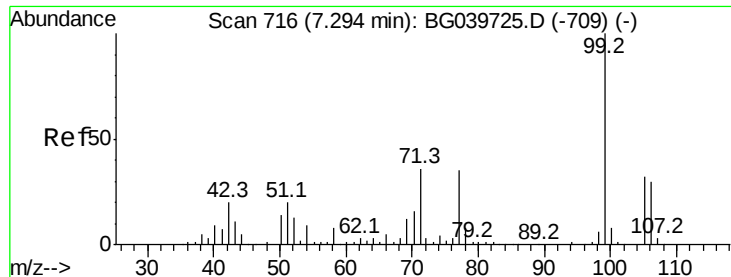
130 32.5 12.9 52.9

64 52.2 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: 12.390 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

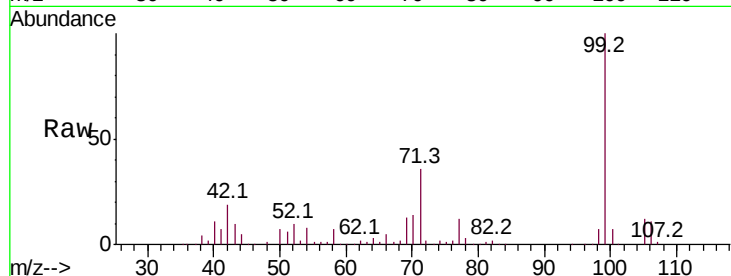
Tot Ion: 77 Resp: 25684

Ion Ratio Lower Upper

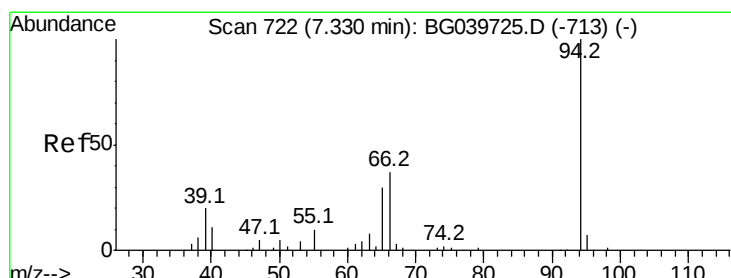
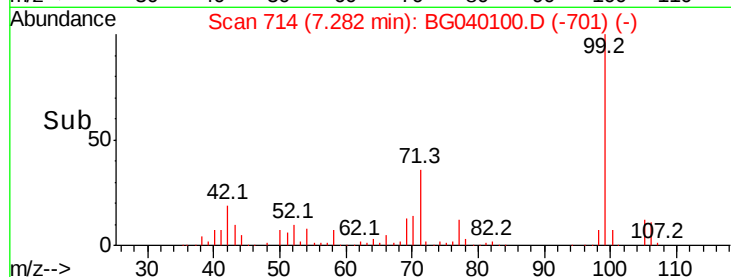
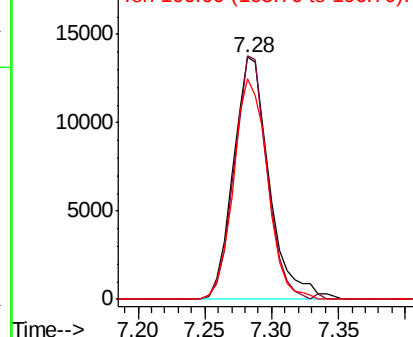
77 100

105 100.6 74.5 114.5

106 91.0 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: 37.629 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

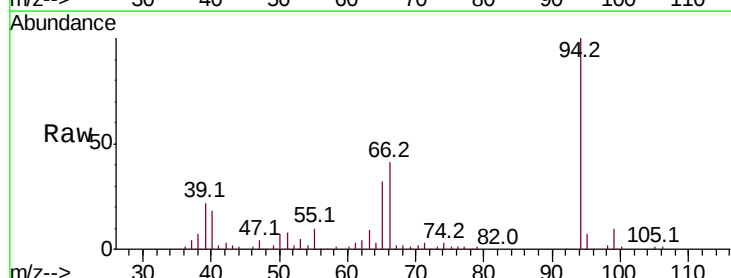
Tgt Ion: 94 Resp: 131002

Ion Ratio Lower Upper

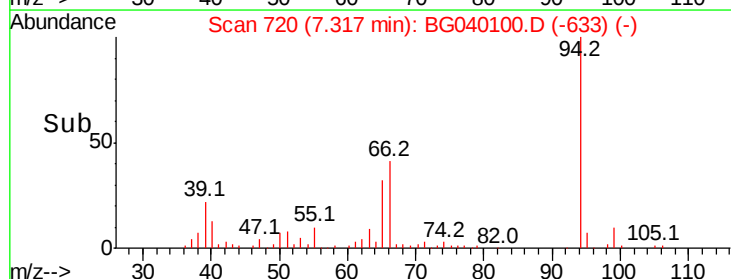
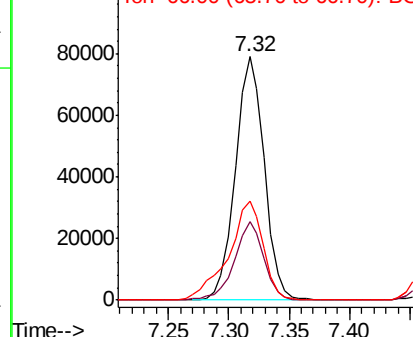
94 100

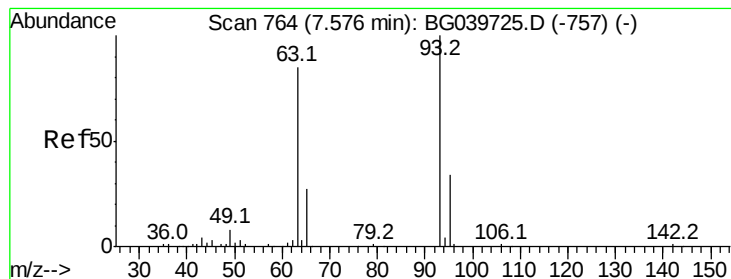
65 32.0 11.7 51.7

66 40.9 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: 33.232 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

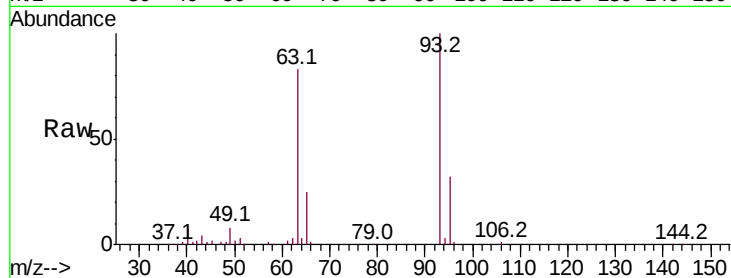
Tot Ion: 93 Resp: 90204

Ion Ratio Lower Upper

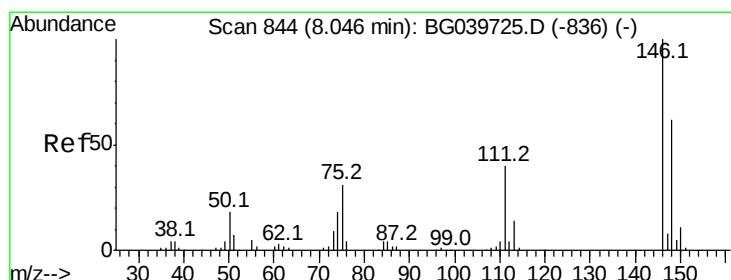
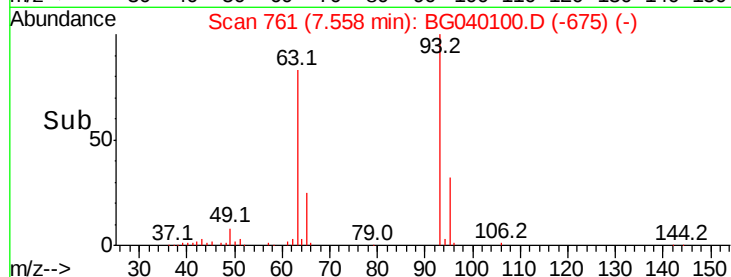
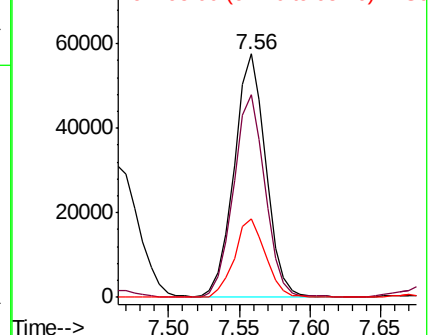
93 100

63 83.1 69.5 109.5

95 32.2 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: 32.221 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

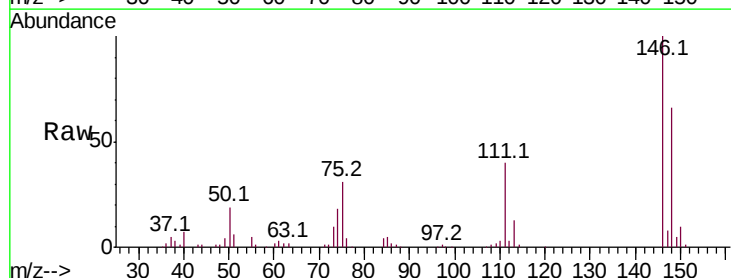
Tgt Ion: 146 Resp: 95284

Ion Ratio Lower Upper

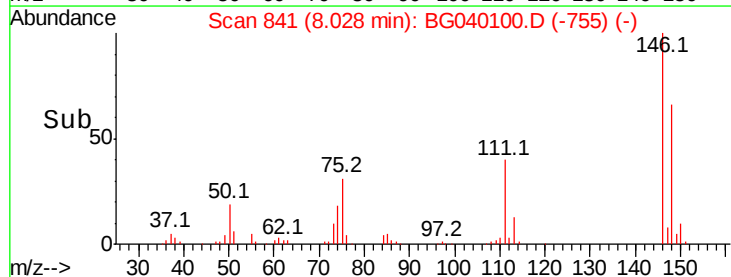
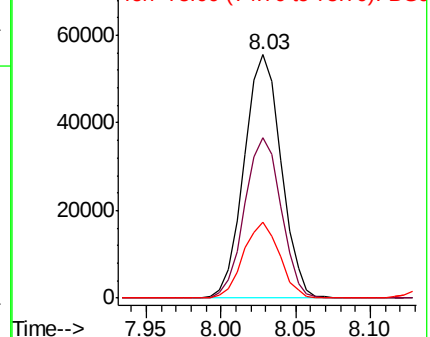
146 100

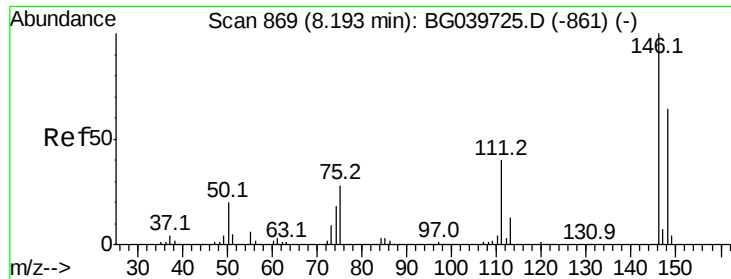
148 66.1 52.6 79.0

75 31.1 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

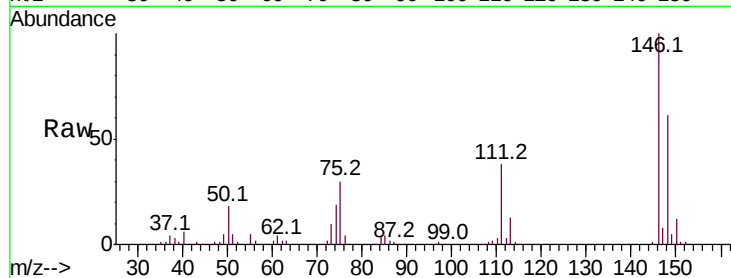




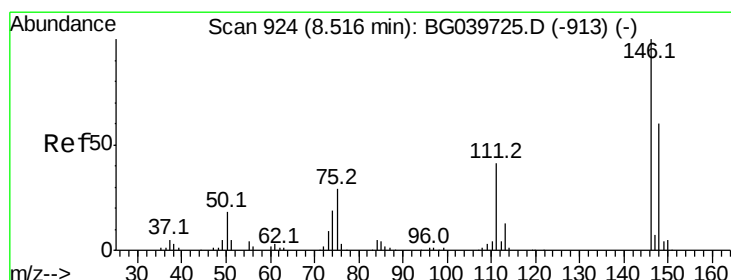
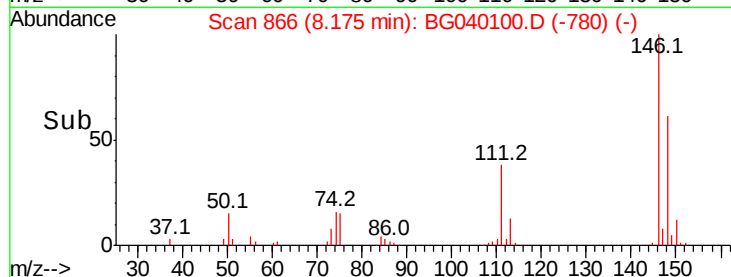
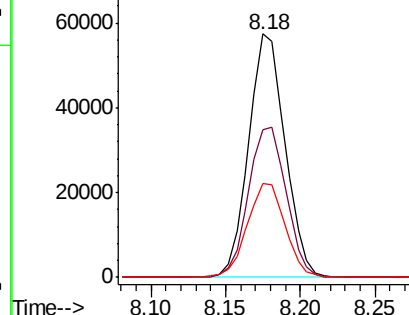
#13
 1,4-Dichlorobenzene
 Concen: 32.107 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 96713
 Ion Ratio Lower Upper
 146 100
 148 60.7 51.1 76.7
 111 38.4 32.6 48.8

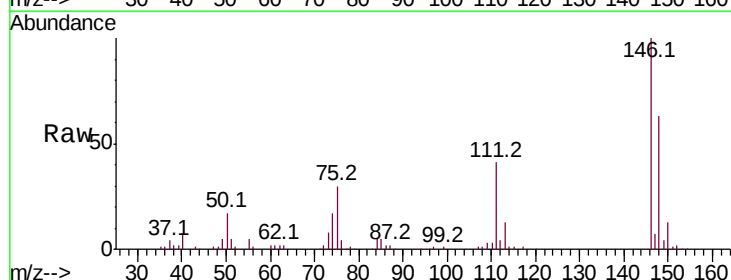


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

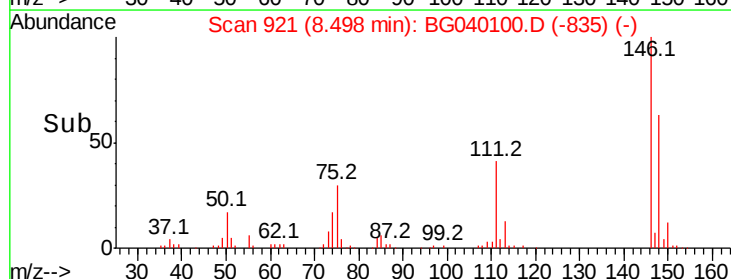
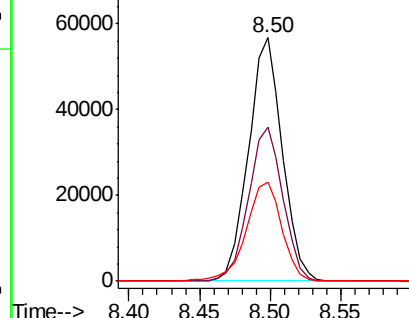


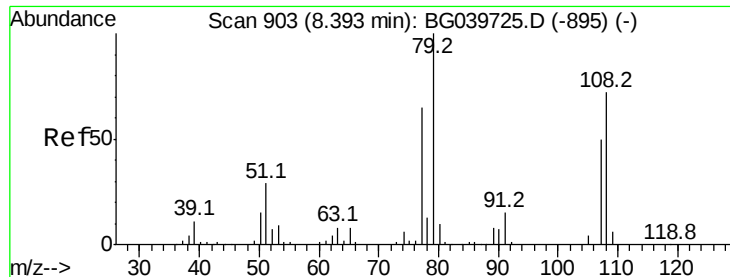
#14
 1,2-Dichlorobenzene
 Concen: 32.645 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Tgt Ion:146 Resp: 95007
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.5 77.3
 111 40.7 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.795 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

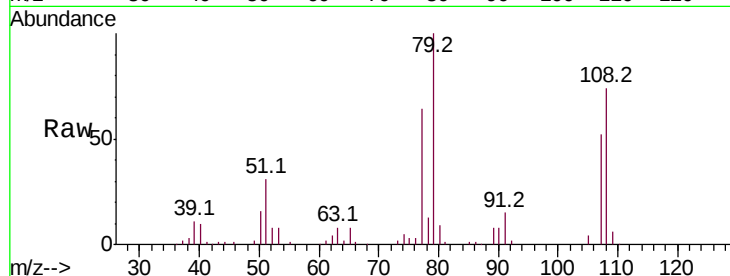
Tot Ion: 79 Resp: 88700

Ion Ratio Lower Upper

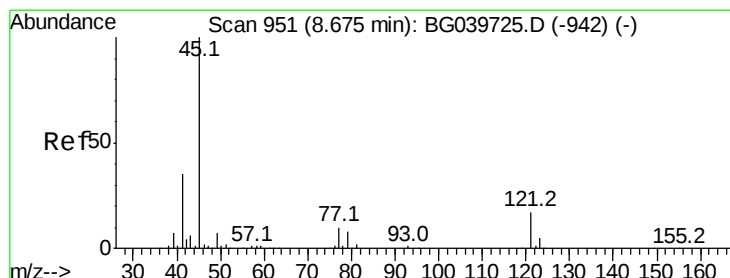
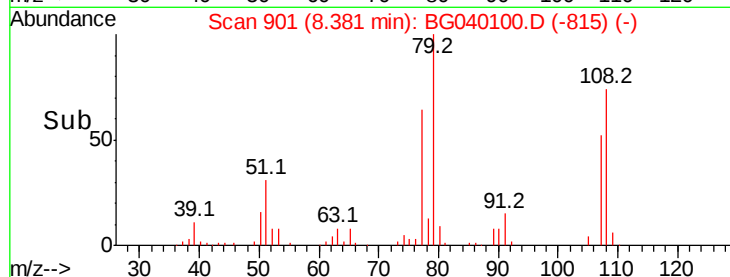
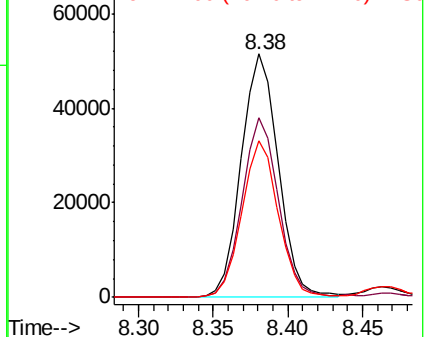
79 100

108 73.8 57.8 86.6

77 64.4 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.265 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

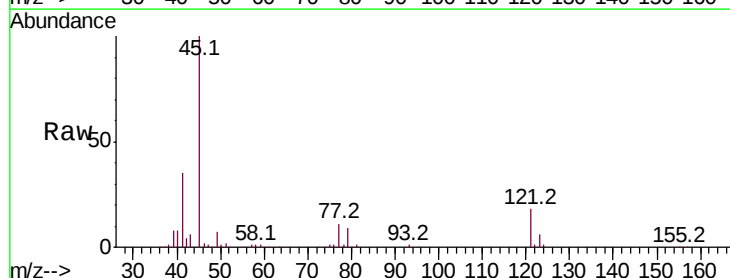
Tgt Ion: 45 Resp: 164298

Ion Ratio Lower Upper

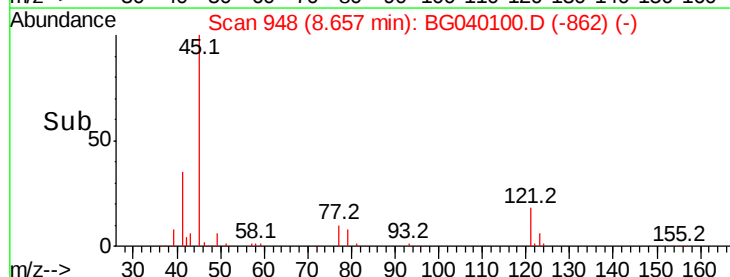
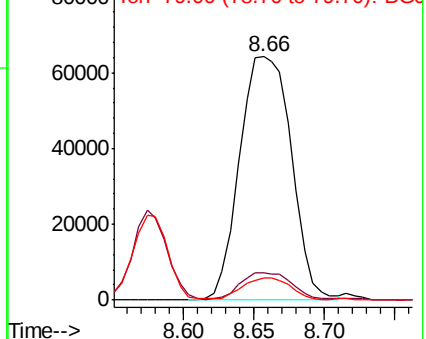
45 100

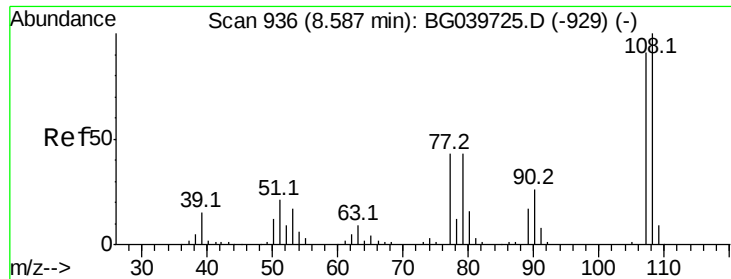
77 11.4 0.0 30.0

79 9.2 0.0 27.5



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

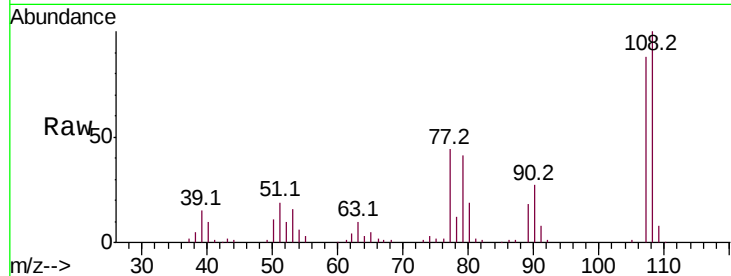




#17
2-Methylphenol
Concen: 37.368 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	82951
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.8	136.2
77	49.6	40.7	61.1
79	47.0	40.6	60.8



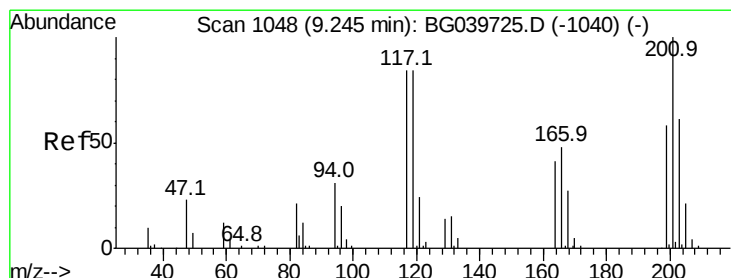
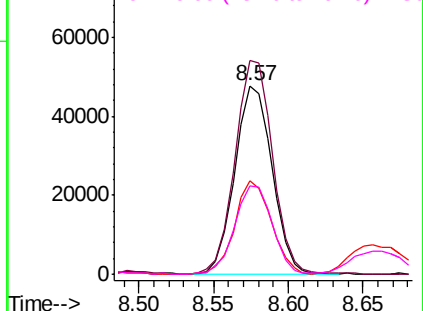
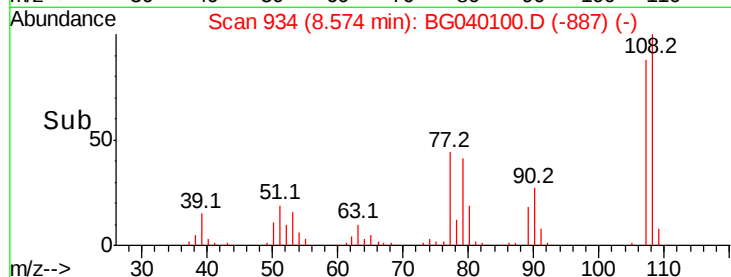
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

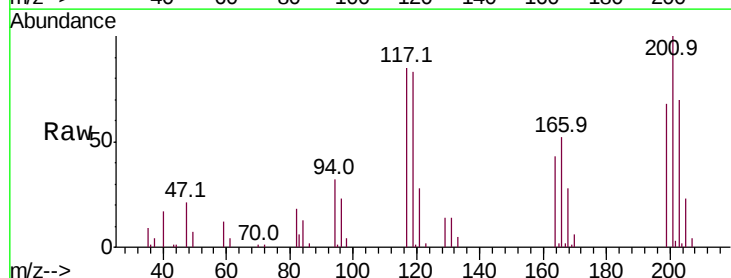
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 30.926 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion:	117	Resp:	33425
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.3	114.5
201	118.0	91.1	136.7

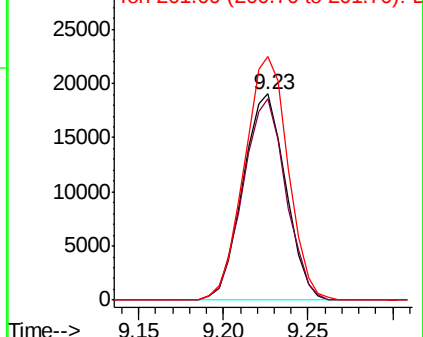
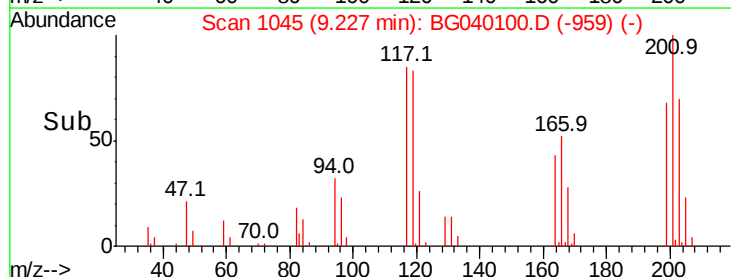


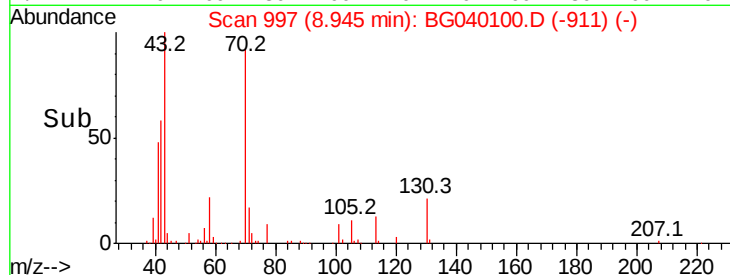
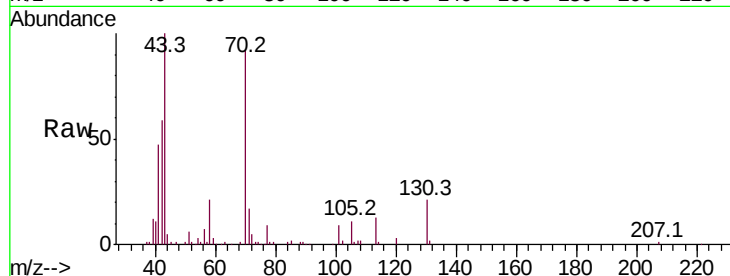
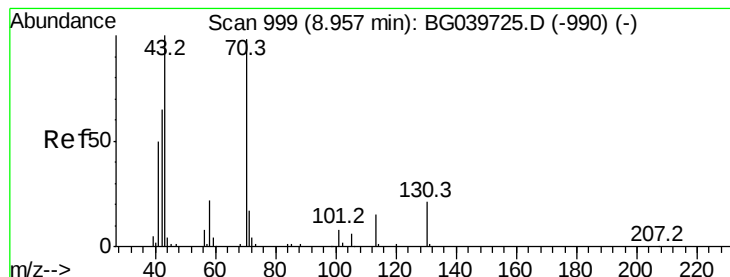
Abundance

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: 31.527 ng

RT: 8.94 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 72925

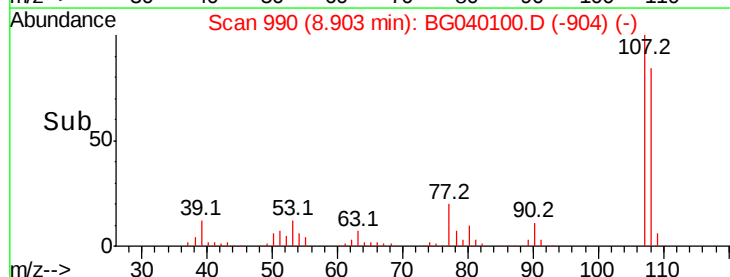
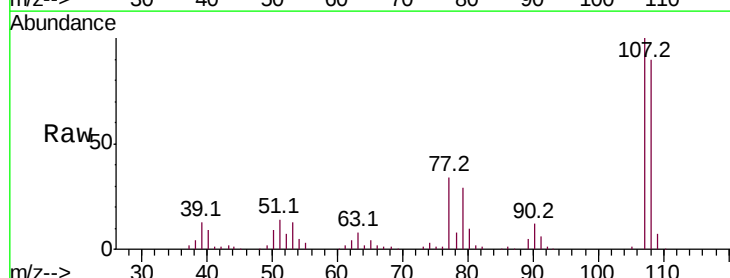
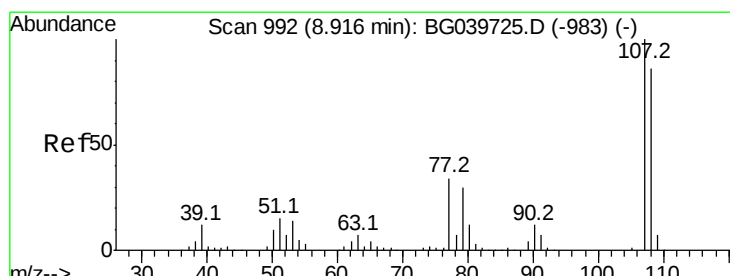
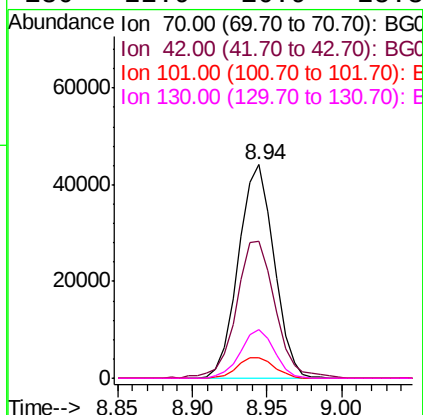
Ion Ratio Lower Upper

70 100

42 64.0 60.4 90.6

101 9.4 7.5 11.3

130 22.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 37.151 ng

RT: 8.90 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Tgt Ion: 107 Resp: 114571

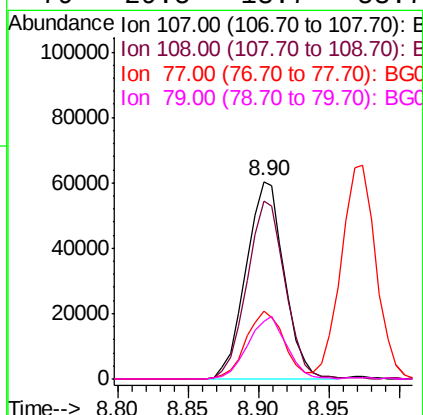
Ion Ratio Lower Upper

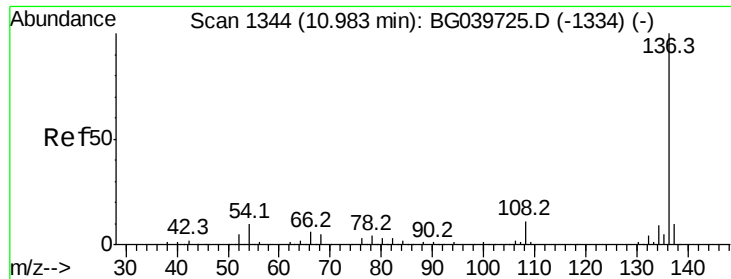
107 100

108 90.1 67.9 107.9

77 34.2 15.4 55.4

79 29.5 13.7 53.7

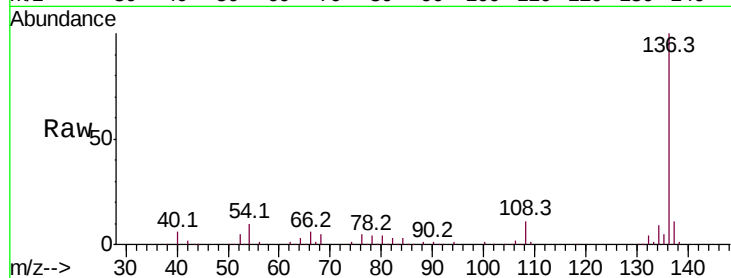




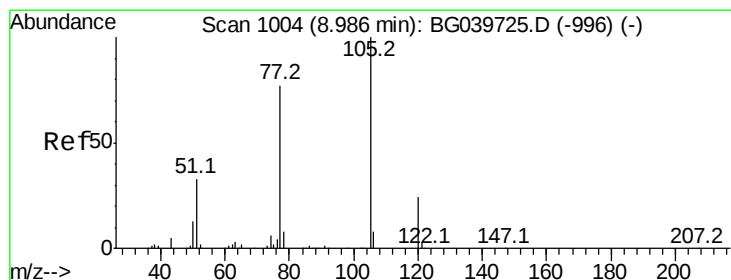
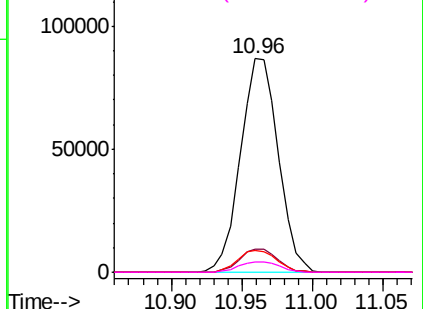
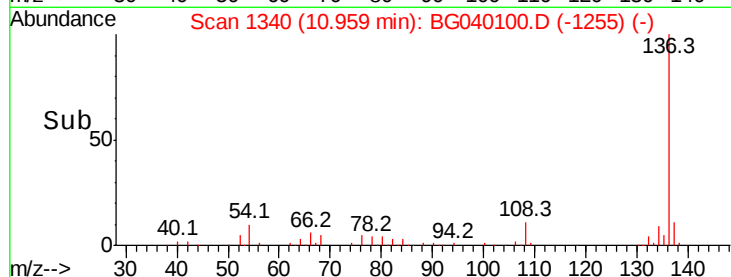
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	162867
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	10.3	9.4 14.2
68	4.8	4.2 6.4

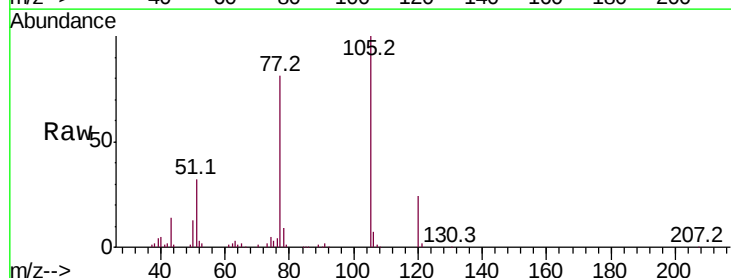


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

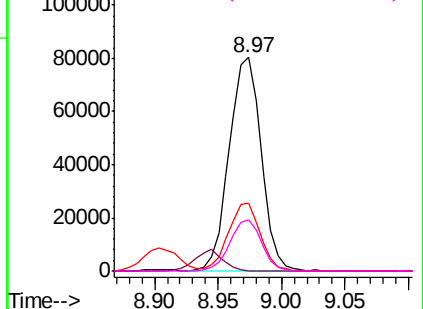
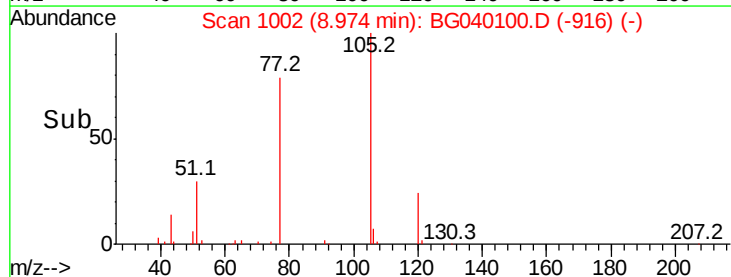


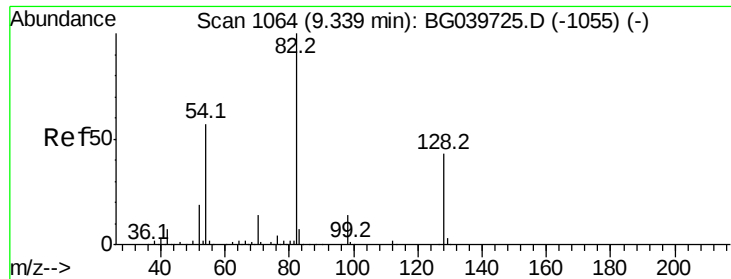
#22
Acetophenone
Concen: 32.075 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion:105	Resp:	140208
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.8 1.2#
51	31.5	30.2 45.2
120	23.8	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

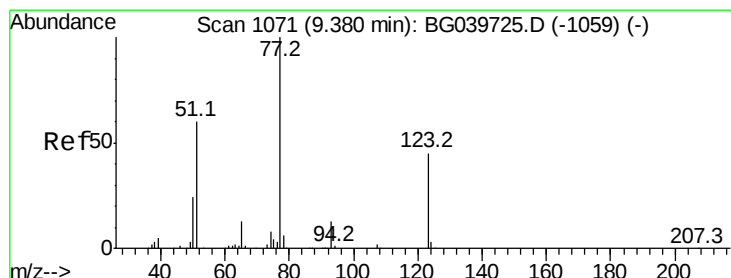
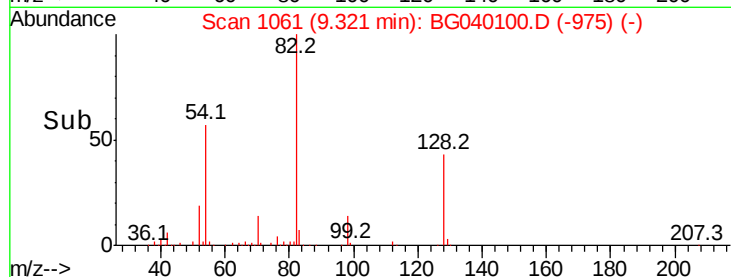
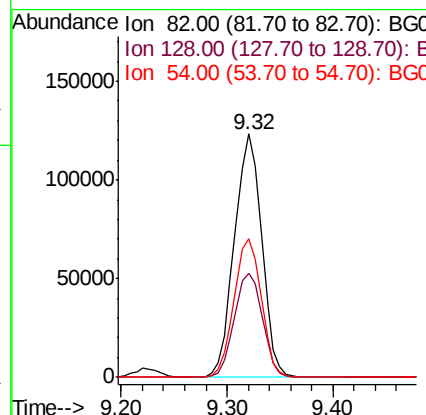
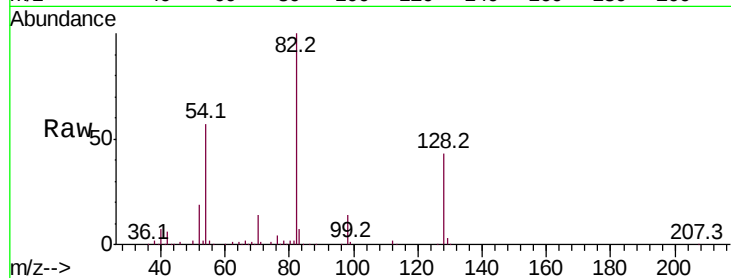




#23
 Nitrobenzene-d5
 Concen: 73.297 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

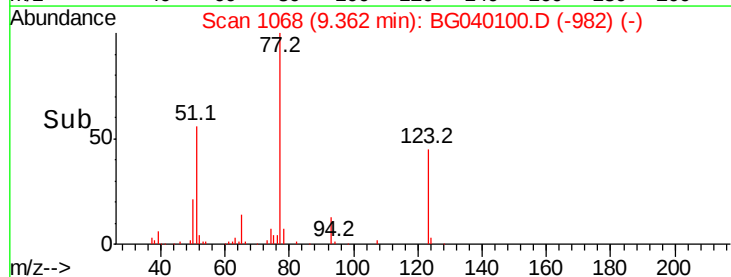
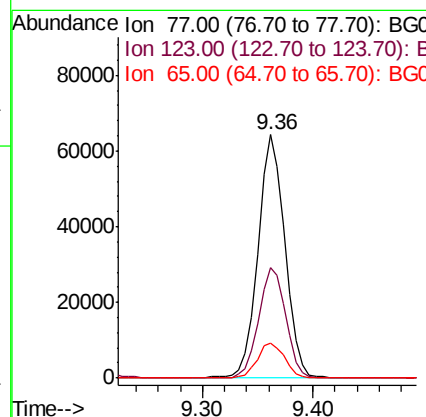
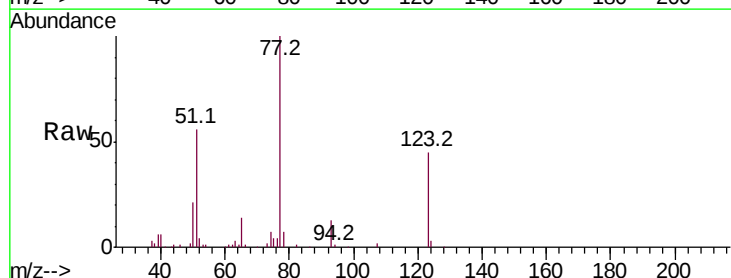
Instrument :
 BNA_G
 ClientSampleId :

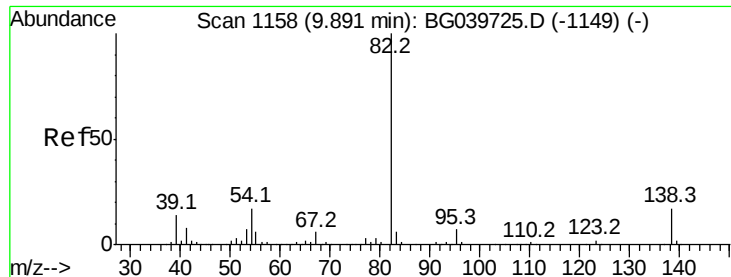
Tot Ion: 82 Resp: 220725
 Ion Ratio Lower Upper
 82 100
 128 43.0 31.3 46.9
 54 57.0 50.9 76.3



#24
 Nitrobenzene
 Concen: 34.850 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Tgt Ion: 77 Resp: 110096
 Ion Ratio Lower Upper
 77 100
 123 45.2 34.1 51.1
 65 14.1 12.3 18.5





#25

Isophorone

Concen: 33.594 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

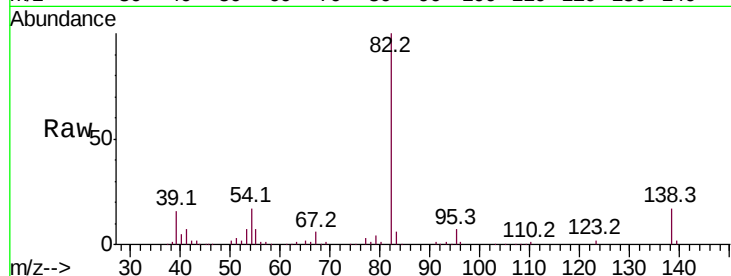
Tot Ion: 82 Resp: 211971

Ion Ratio Lower Upper

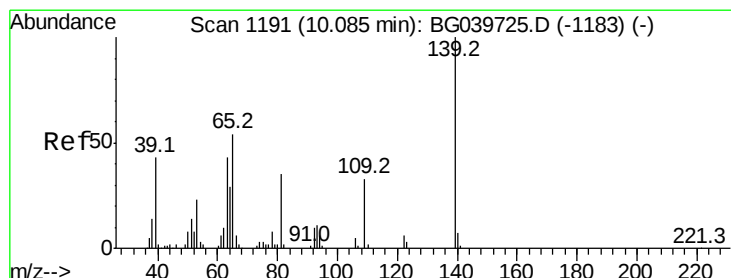
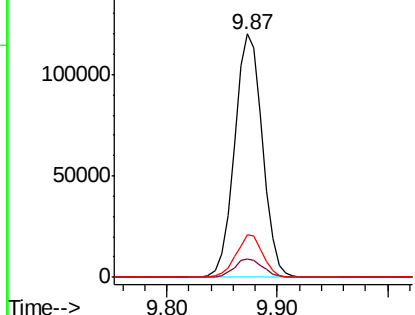
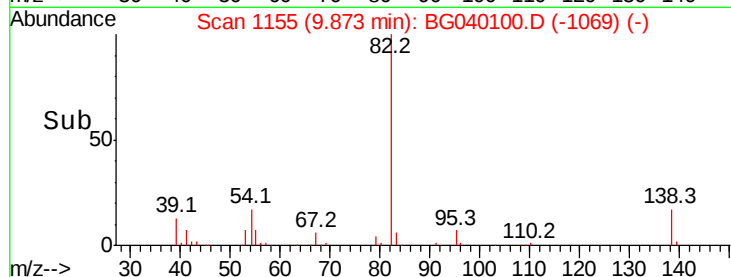
82 100

95 7.4 6.2 9.2

138 17.4 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: 36.946 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

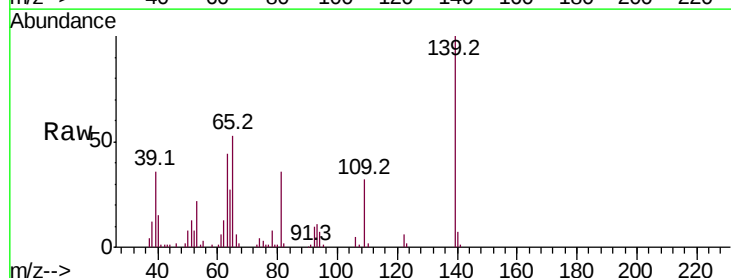
Tgt Ion: 139 Resp: 56353

Ion Ratio Lower Upper

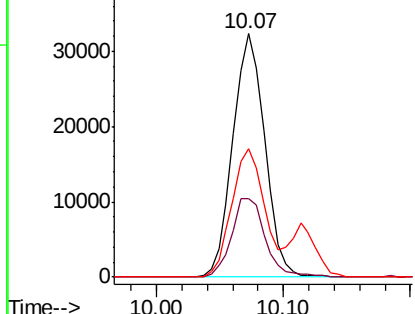
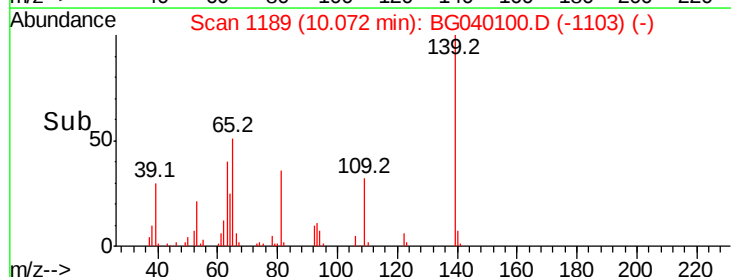
139 100

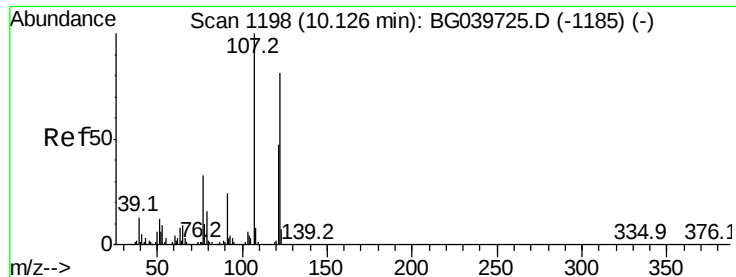
109 32.1 23.4 35.0

65 53.0 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: 42.452 ng

RT: 10.11 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

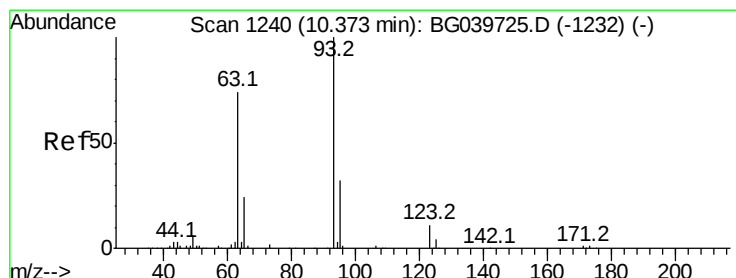
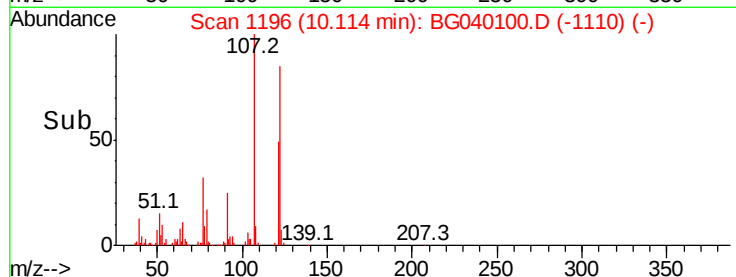
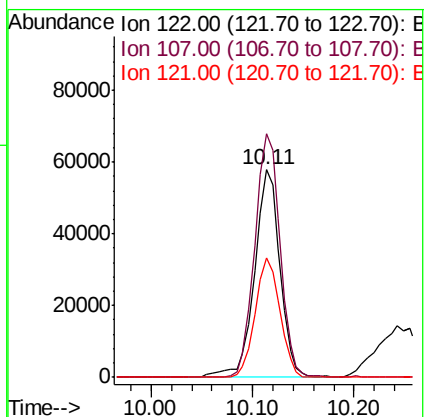
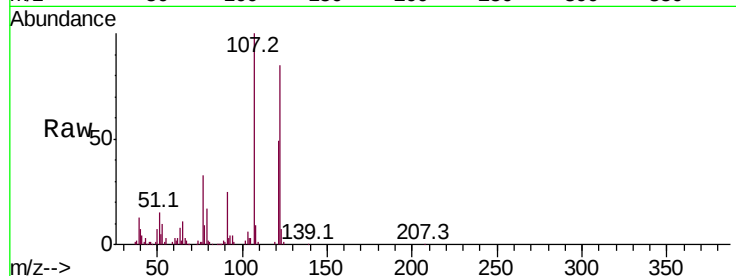
Tot Ion:122 Resp: 100706

Ion Ratio Lower Upper

122 100

107 117.5 91.7 137.5

121 57.6 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 34.046 ng

RT: 10.35 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

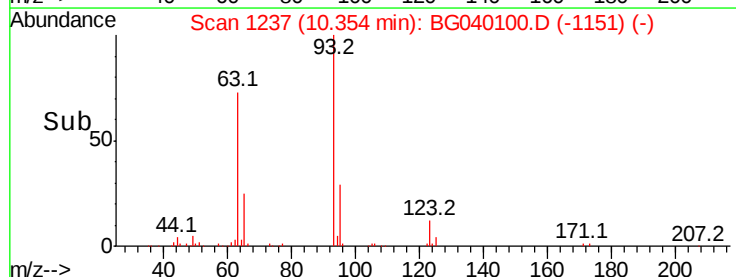
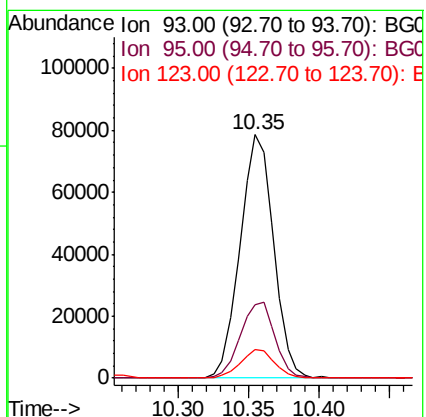
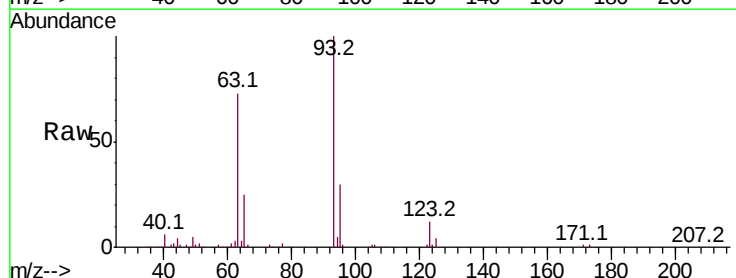
Tgt Ion: 93 Resp: 130550

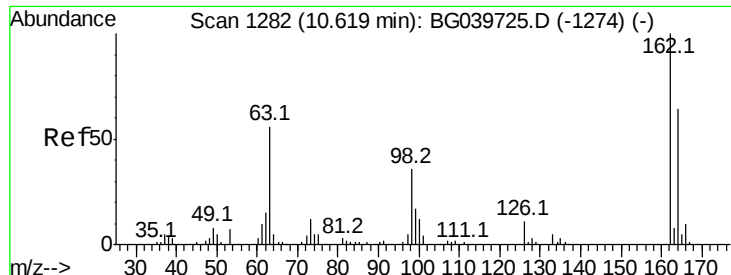
Ion Ratio Lower Upper

93 100

95 30.2 25.0 37.4

123 11.8 8.6 12.8

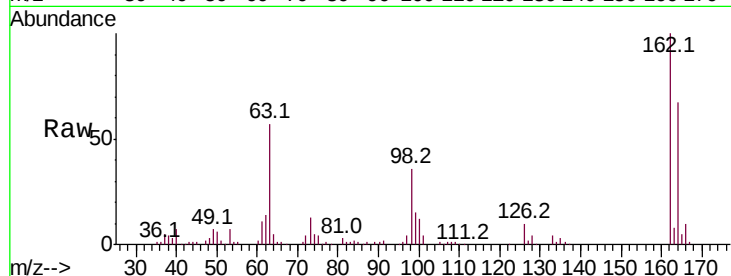




#29
 2,4-Dichlorophenol
 Concen: 40.511 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	48.1	88.1
98	35.5	18.1	58.1

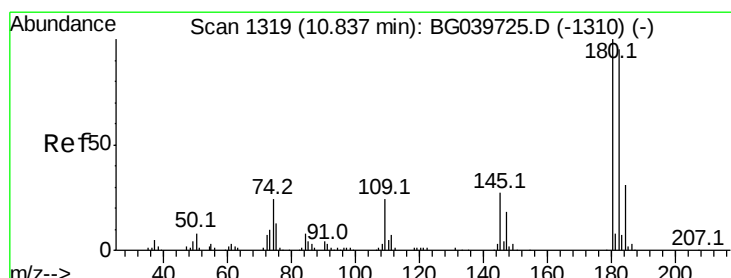
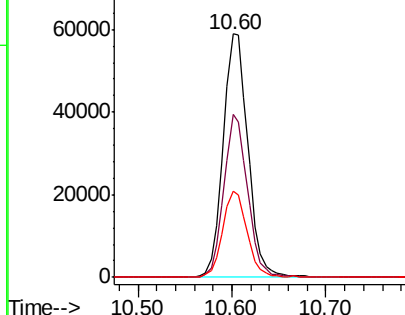
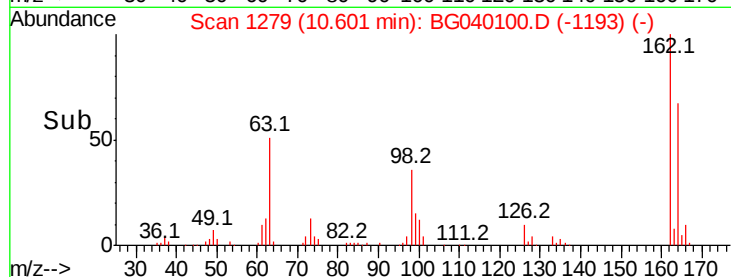


Abundance

Ion 162.00 (161.70 to 162.70): E

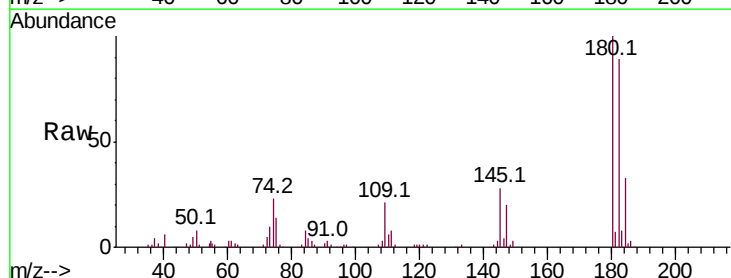
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 35.349 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.0	76.0	114.0
145	27.8	22.7	34.1

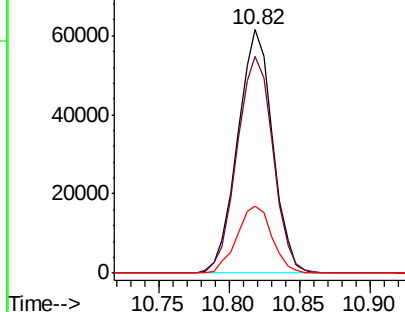
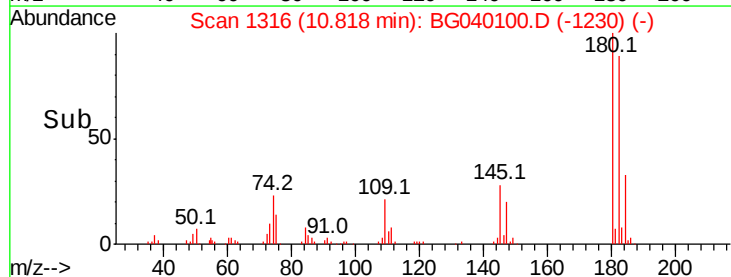


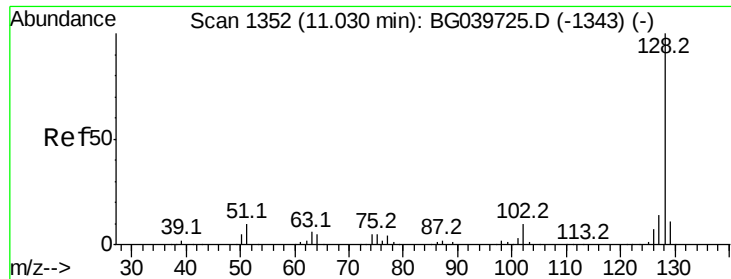
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

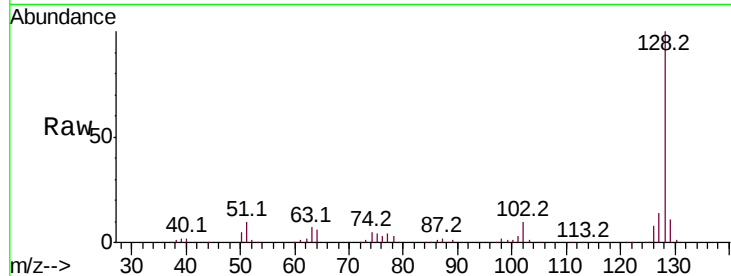




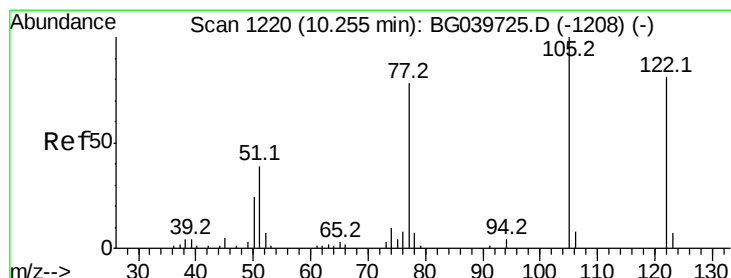
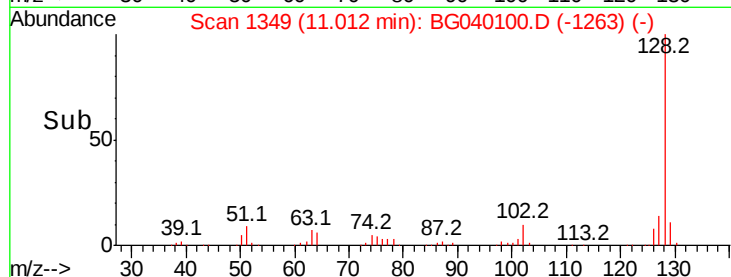
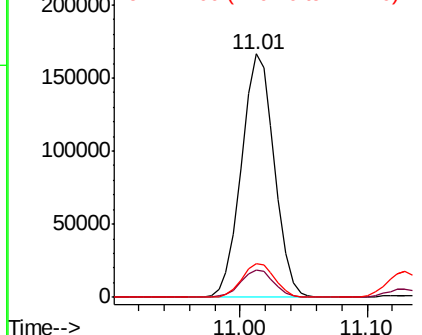
#31
Naphthalene
Concen: 34.638 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 298691
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.7 10.8 16.2

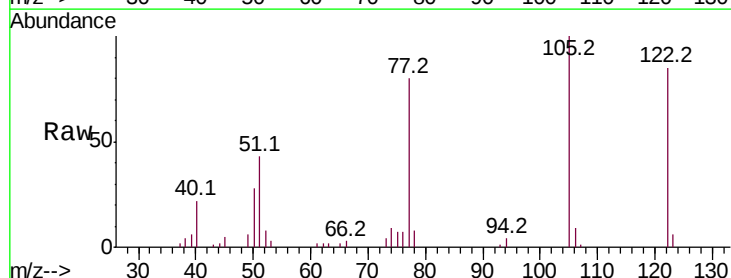


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

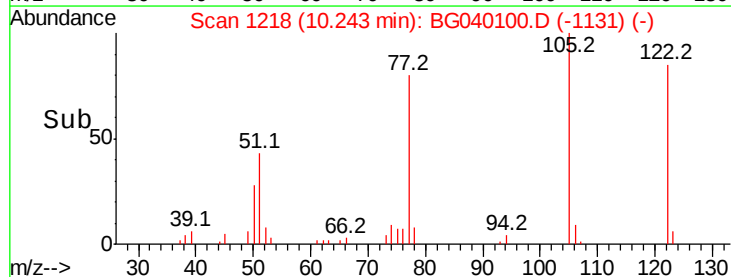
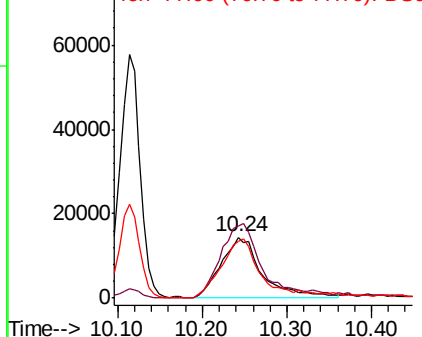


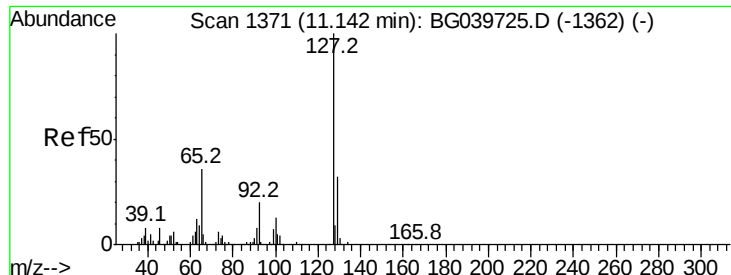
#32
Benzoic acid
Concen: 31.534 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion:122 Resp: 47088
Ion Ratio Lower Upper
122 100
105 118.1 101.8 141.8
77 94.5 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

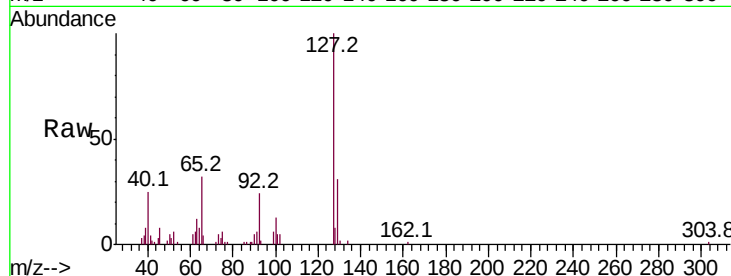




#33
4-Chloroaniline
Concen: 9.856 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	27.0	40.4
65	32.1	28.8	43.2
92	23.6	16.6	25.0



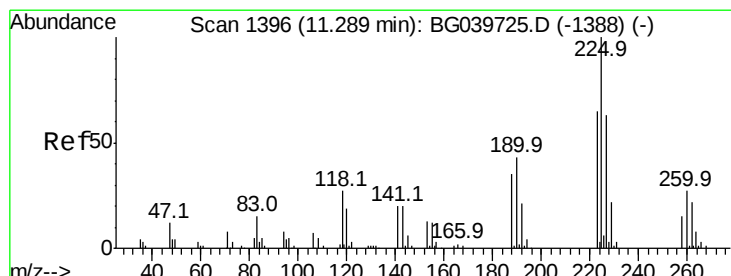
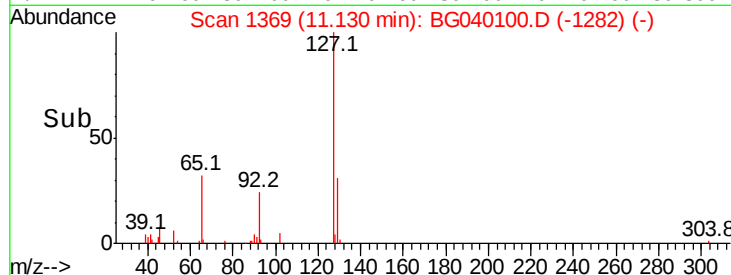
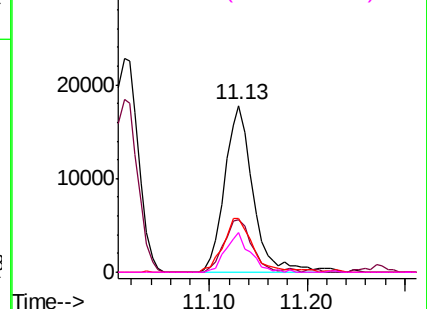
Abundance

Ion 129.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

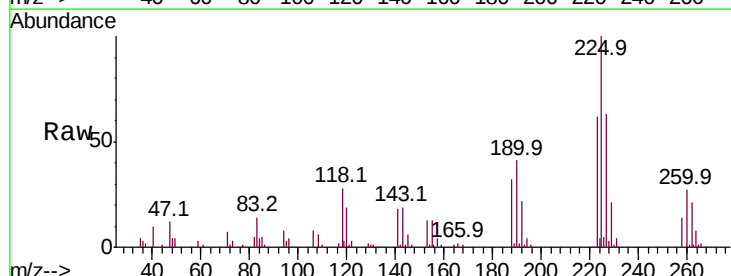
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 33.808 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.0	73.6
227	63.3	46.3	69.5

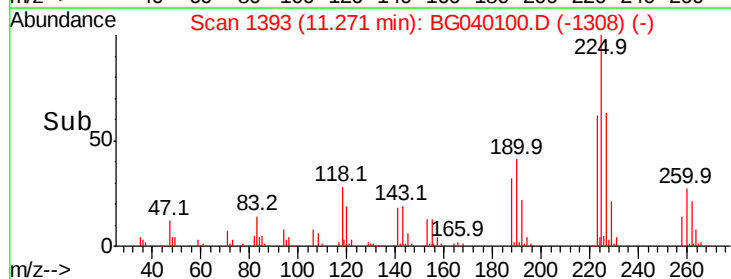
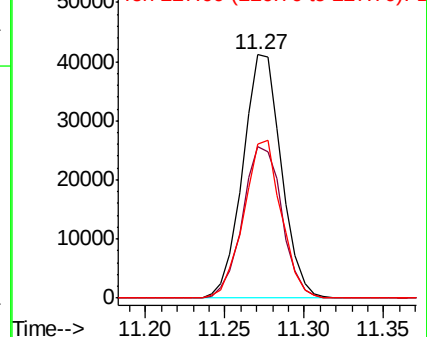


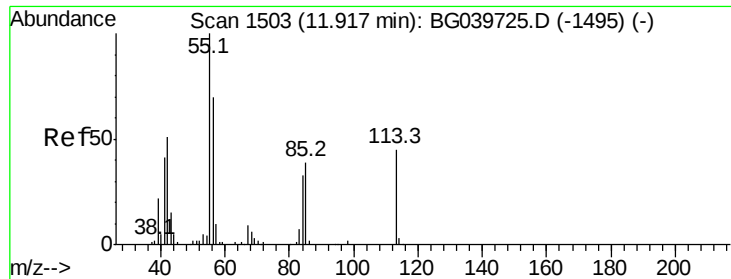
Abundance

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: 34.542 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.04 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampled :

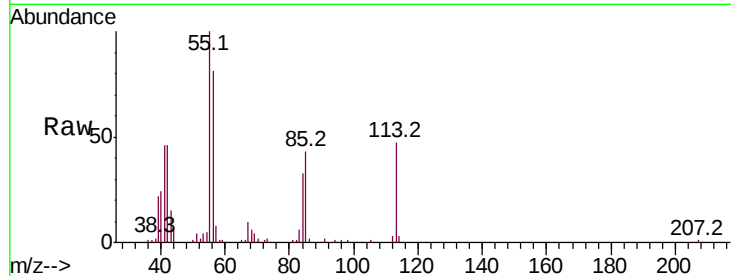
Tot Ion:113 Resp: 35242

Ion Ratio Lower Upper

113 100

55 212.1 216.9 256.9#

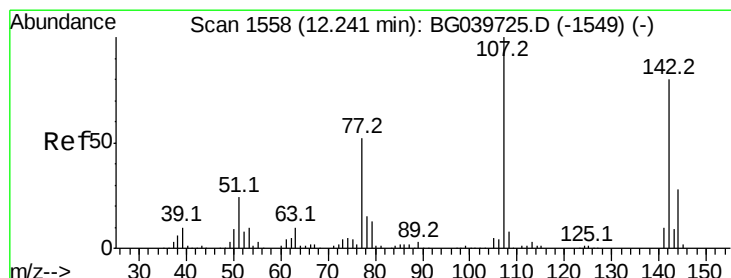
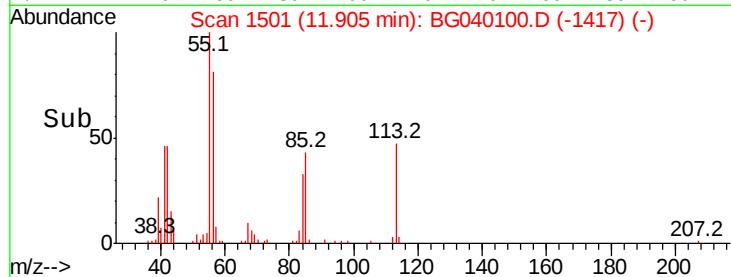
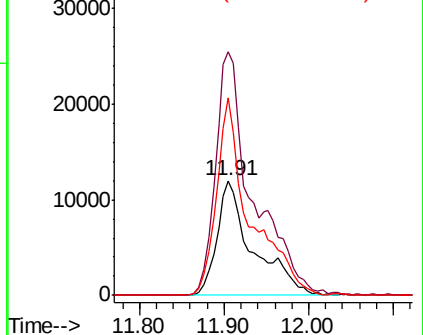
56 171.8 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 37.690 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

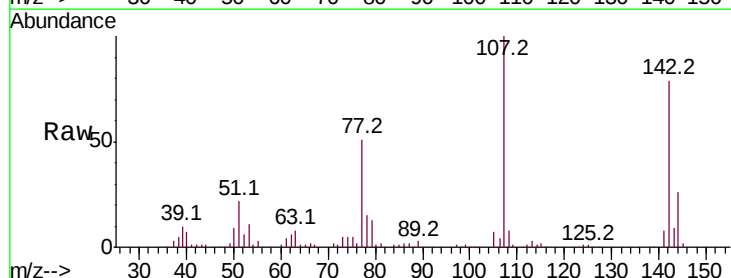
Tgt Ion:107 Resp: 115395

Ion Ratio Lower Upper

107 100

144 25.6 20.2 30.2

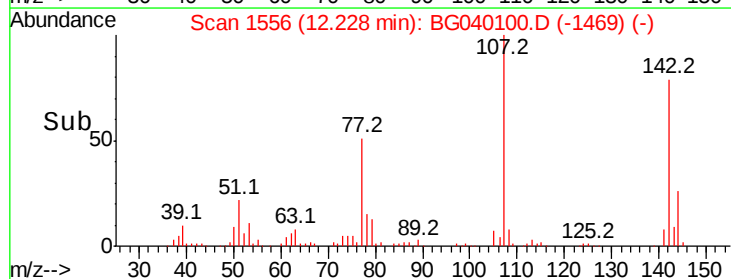
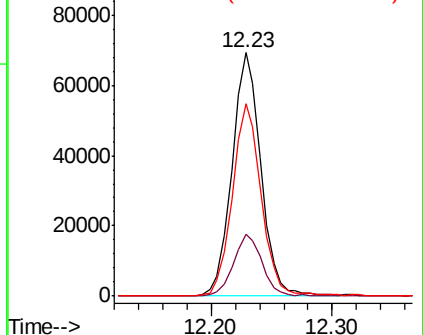
142 79.1 61.4 92.2

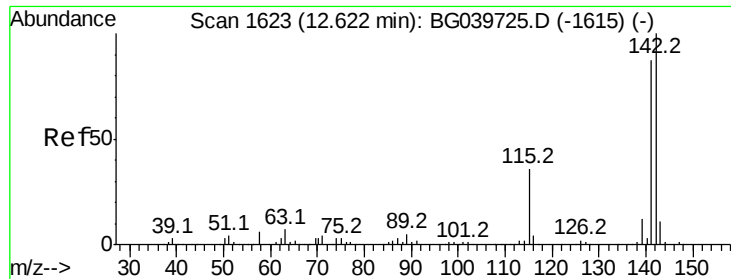


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

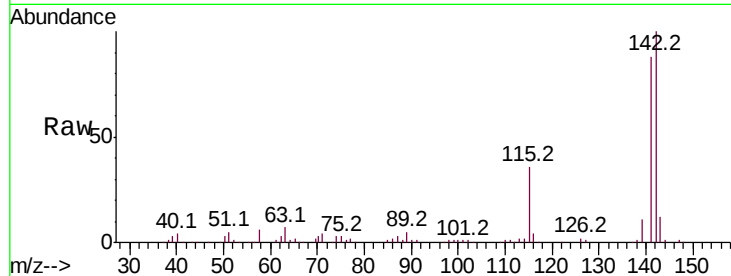




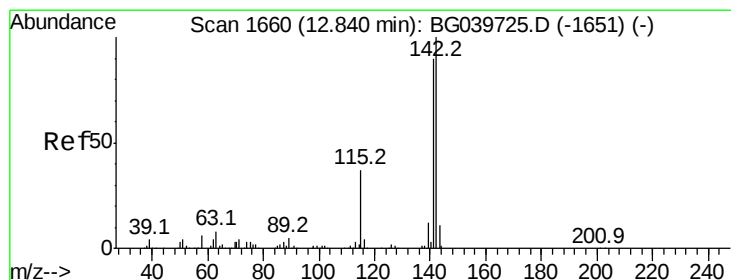
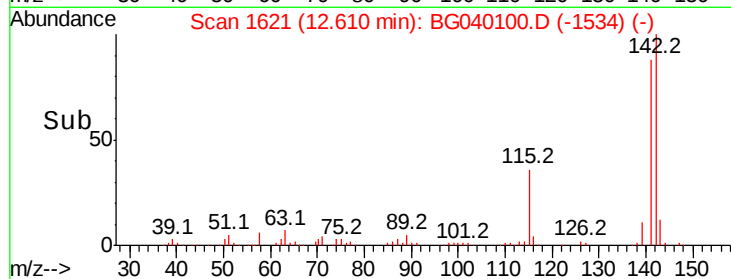
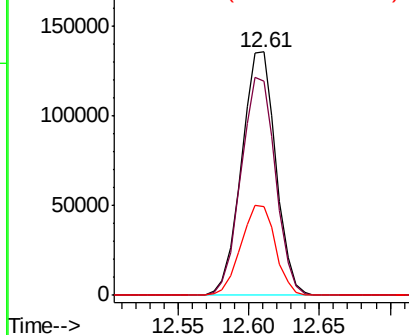
#37
 2-Methylnaphthalene
 Concen: 35.637 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.5	110.3
115	36.2	30.8	46.2

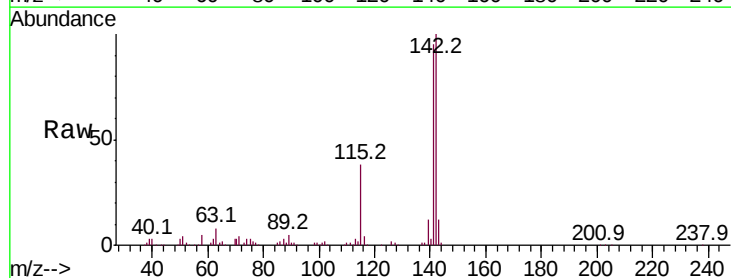


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

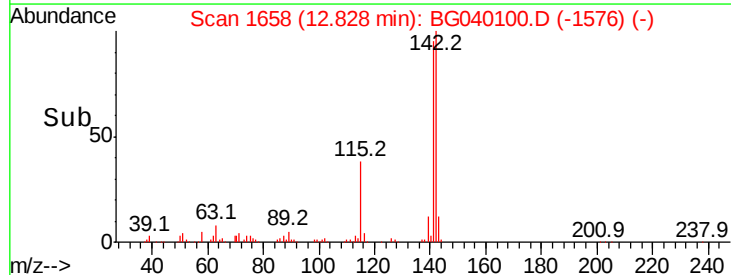
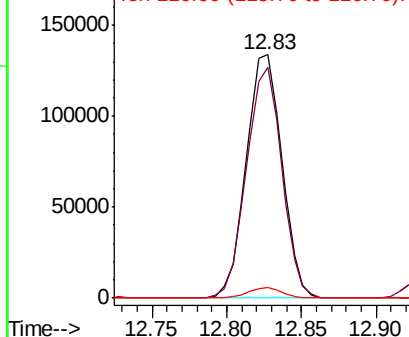


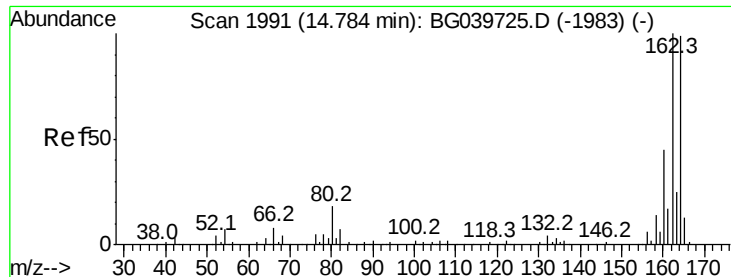
#38
 1-Methylnaphthalene
 Concen: 35.366 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	74.2	111.4
116	4.2	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: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

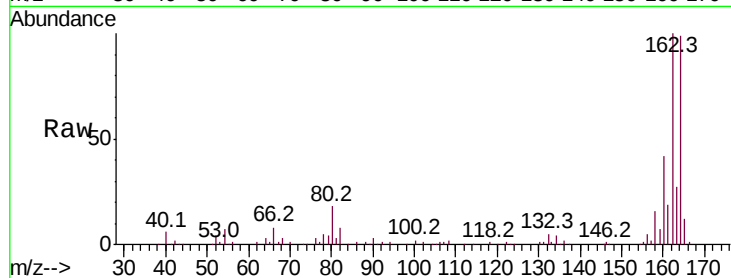
Tot Ion:164 Resp: 111673

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

160 42.5 34.2 51.2

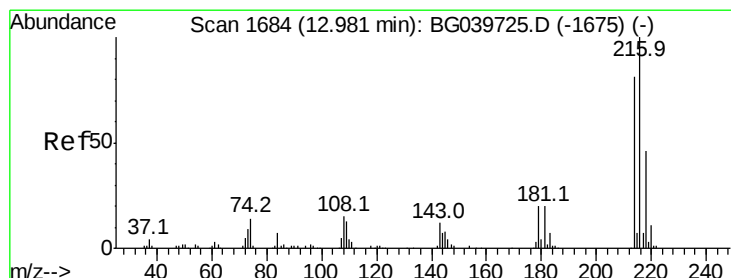
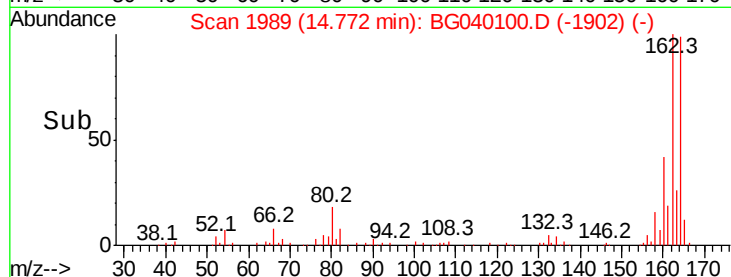
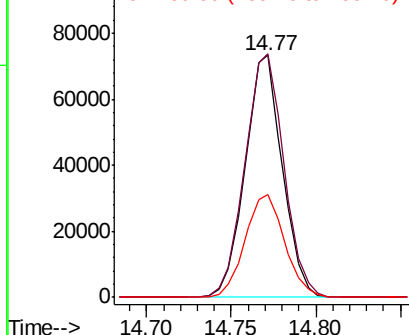


Abundance

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: 34.473 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Tgt Ion:216 Resp: 130419

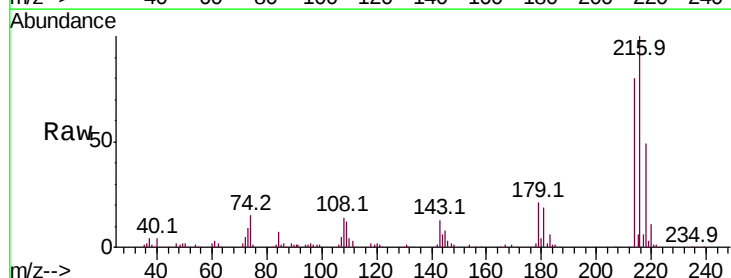
Ion Ratio Lower Upper

216 100

214 80.2 62.6 94.0

179 21.0 16.6 25.0

108 17.9 14.0 21.0



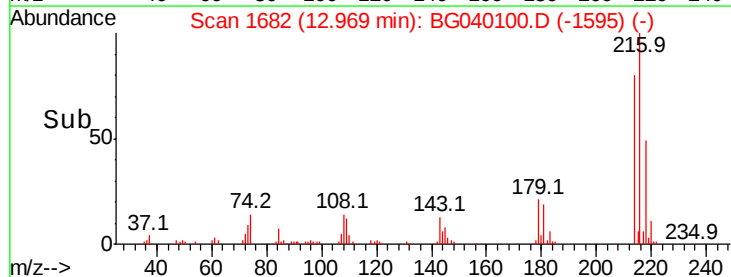
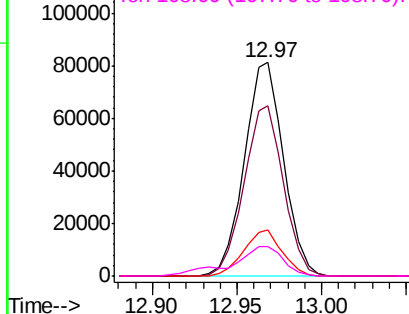
Abundance

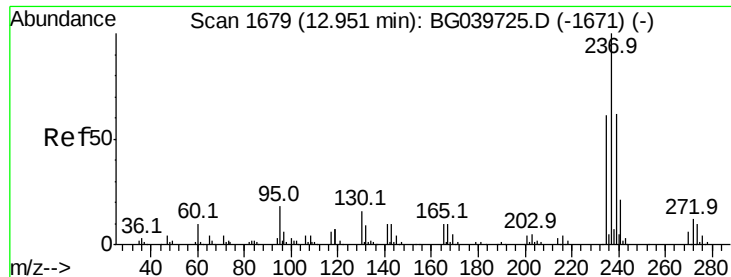
Ion 216.00 (215.70 to 216.70): E

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

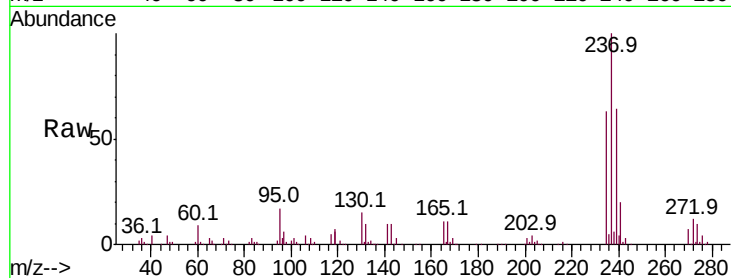




#41
Hexachlorocyclopentadiene
Concen: 84.497 ng
RT: 12.93 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.3	83.3
272	12.0	0.0	32.3

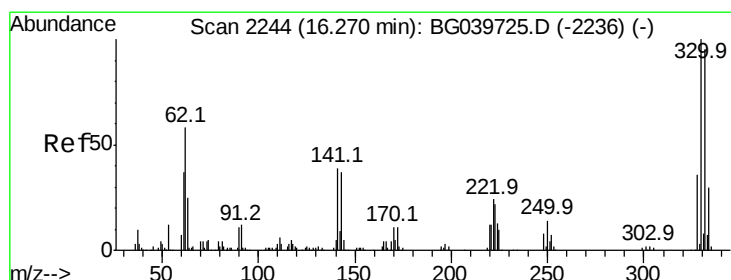
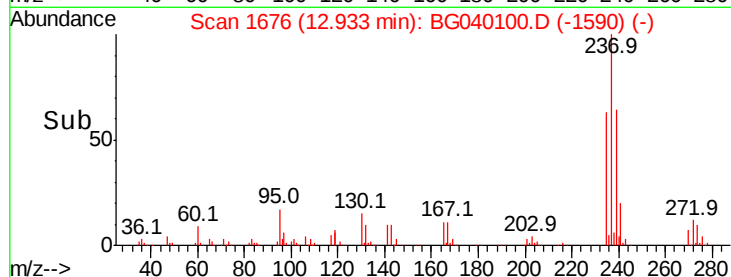
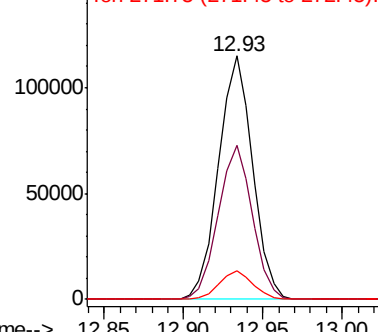


Abundance

Ion 236.80 (236.50 to 237.50): E

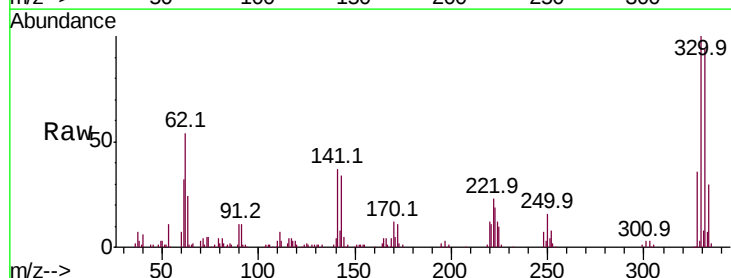
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 81.290 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	40.0	35.6	53.4

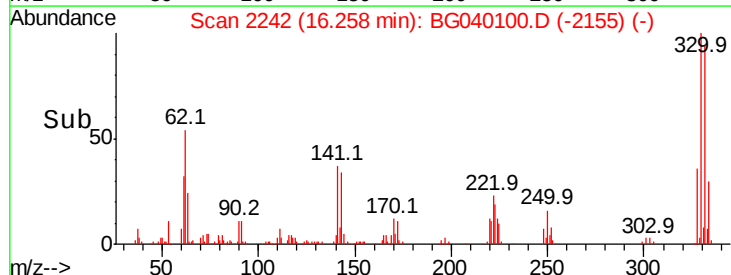
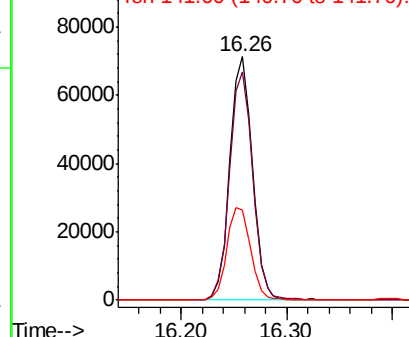


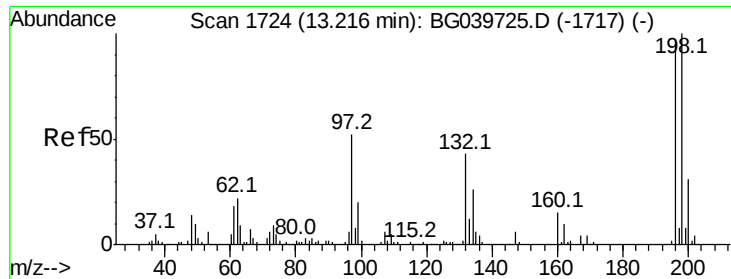
Abundance

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

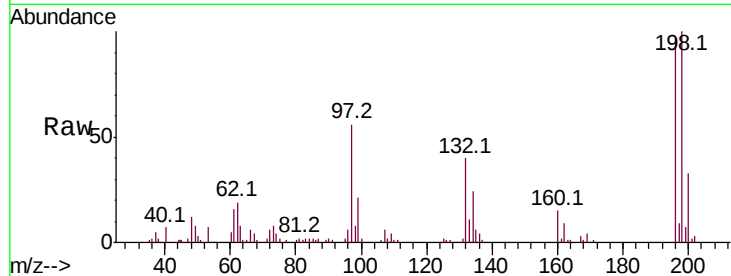




#43
 2,4,6-Trichlorophenol
 Concen: 40.451 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	89595
Ion Ratio	Lower	Upper	
196	100		
198	102.7	80.6	121.0
200	33.8	26.1	39.1

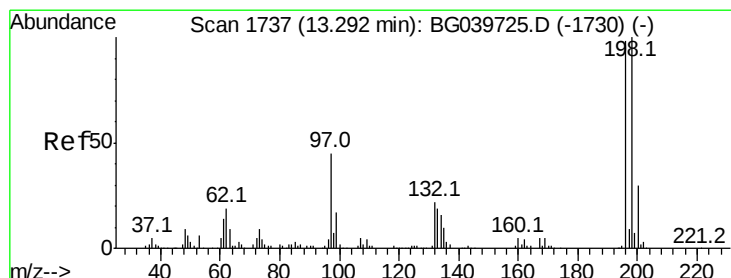
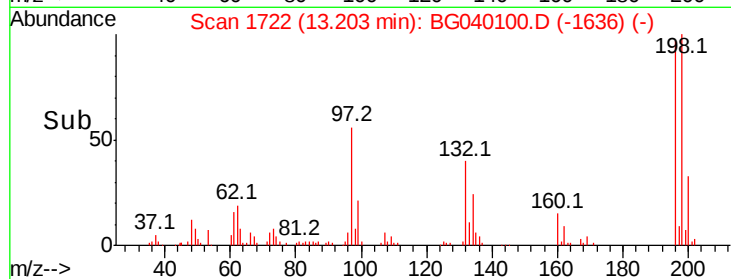
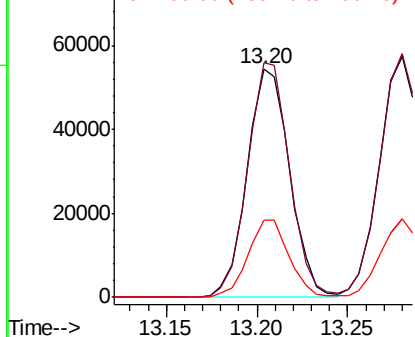


Abundance

Ion 196.00 (195.70 to 196.70): E

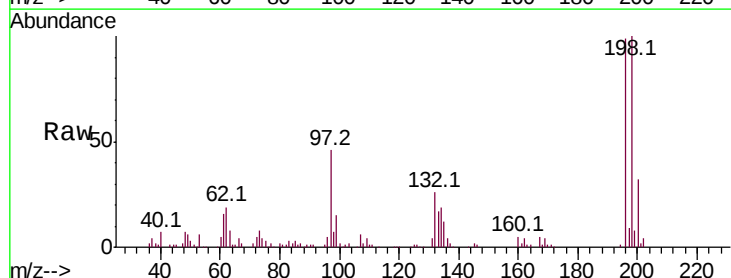
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.824 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Tgt Ion	196	Resp	96927
Ion Ratio	Lower	Upper	
196	100		
198	100.9	78.5	117.7
97	46.7	38.4	57.6
132	26.1	19.2	28.8



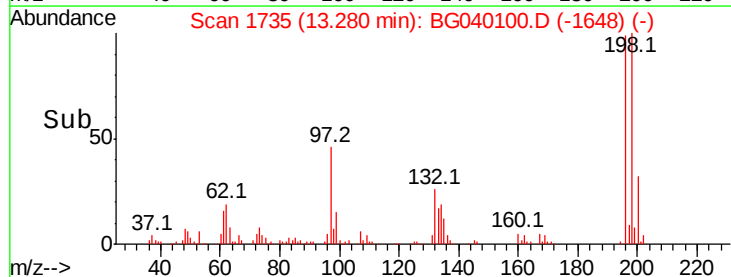
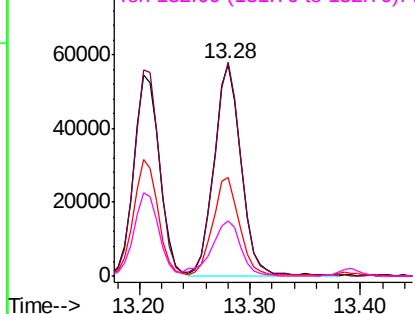
Abundance

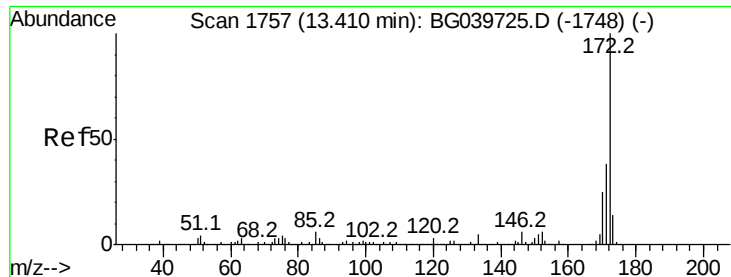
Ion 196.00 (195.70 to 196.70): E

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

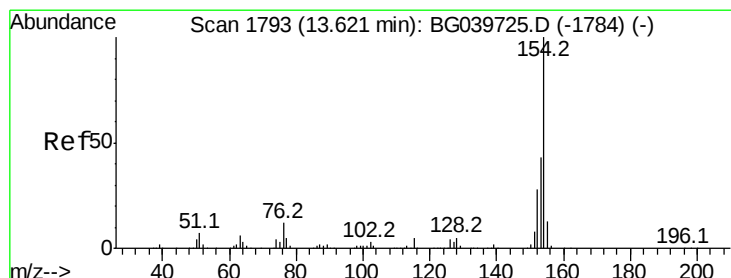
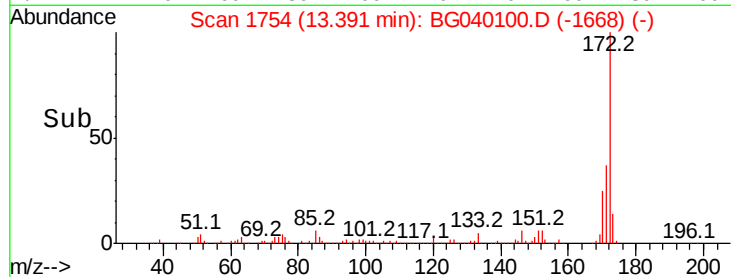
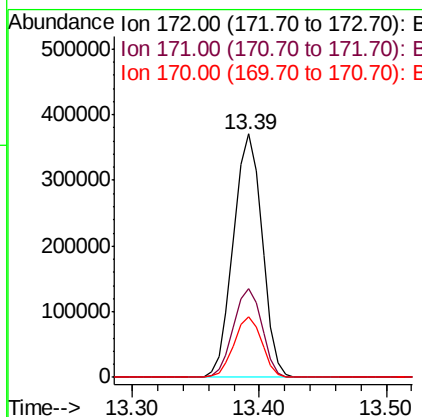
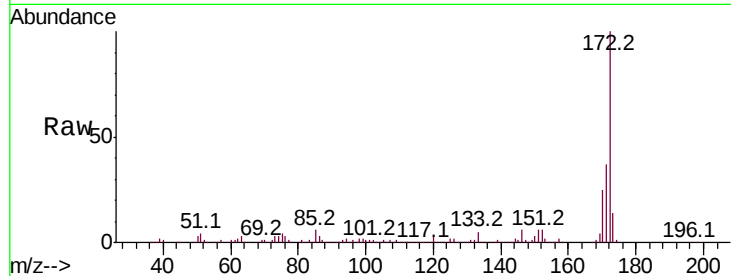




#45
 2-Fluorobiphenyl
 Concen: 74.069 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

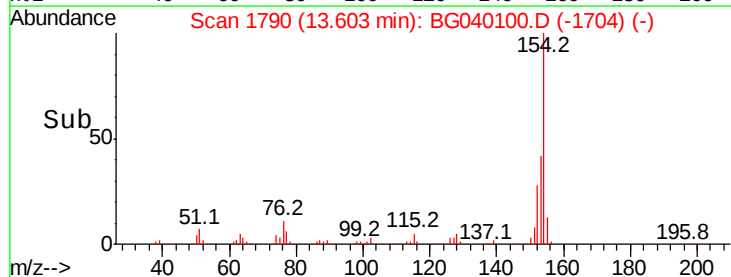
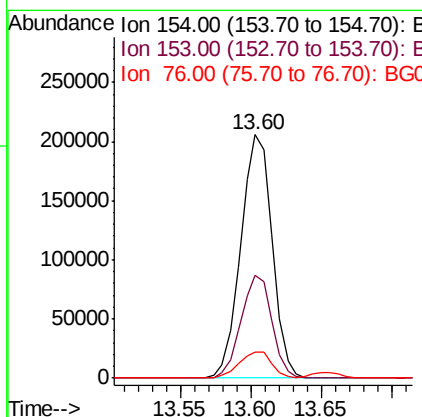
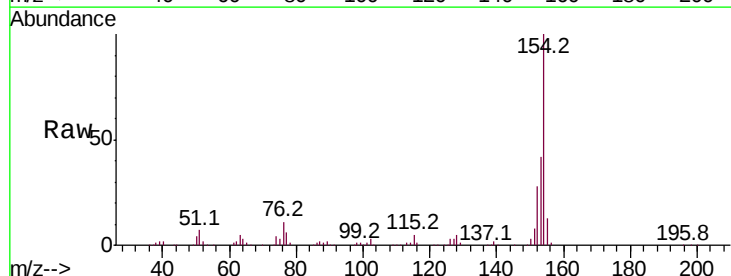
Instrument :
 BNA_G
 ClientSampleId :

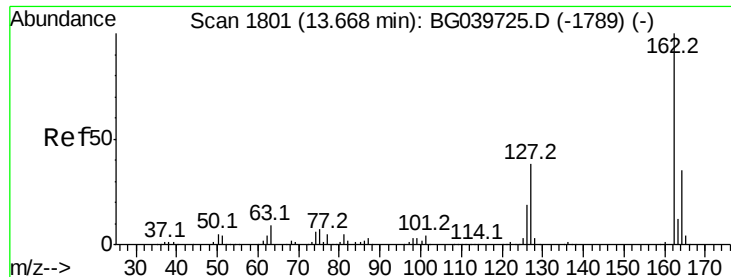
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	24.8	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 34.724 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.1	62.1
76	10.7	0.0	32.4

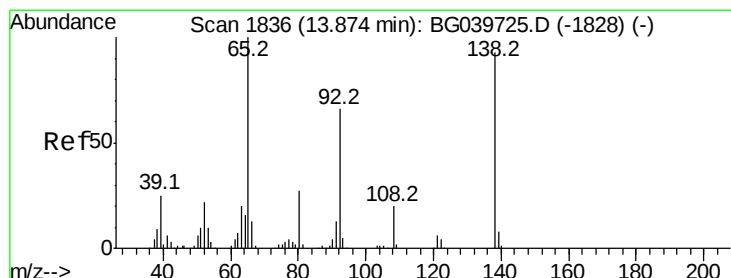
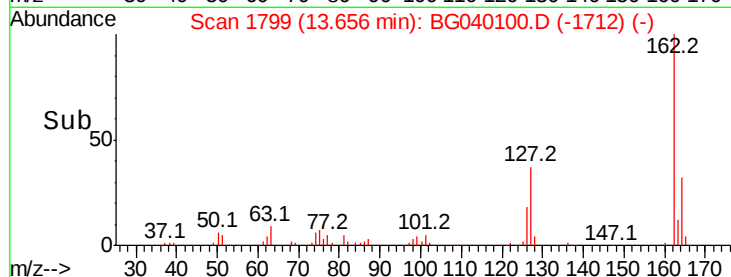
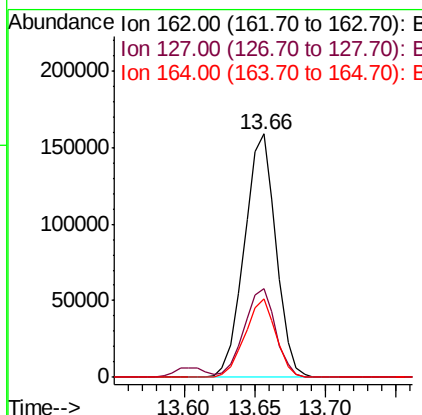
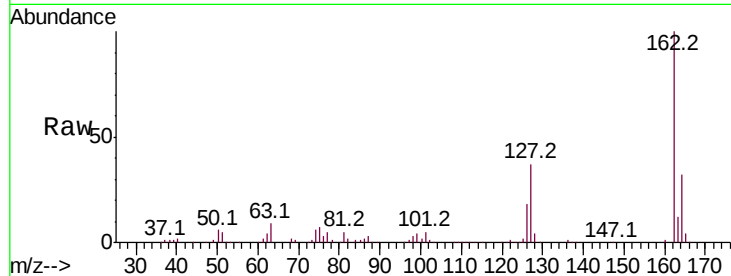




#47
 2-Chloronaphthalene
 Concen: 35.921 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

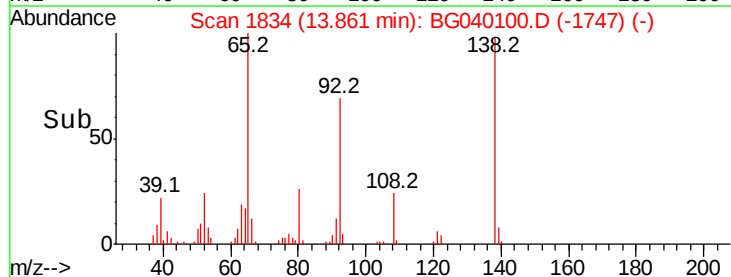
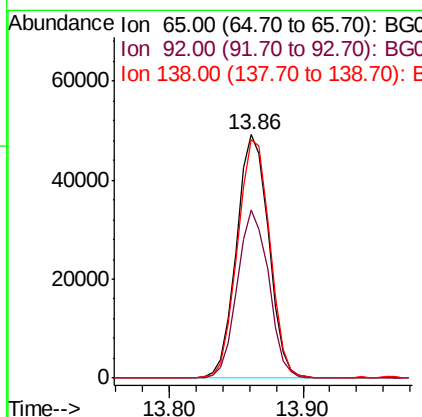
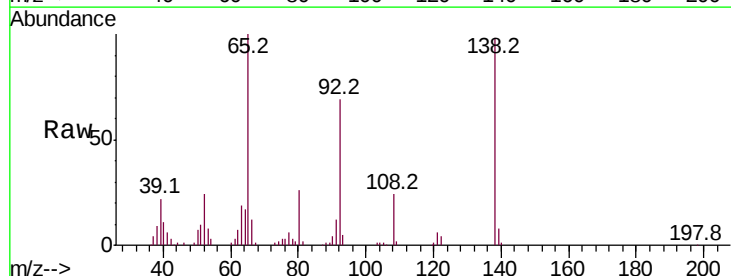
Instrument :
 BNA_G
 ClientSampleId :

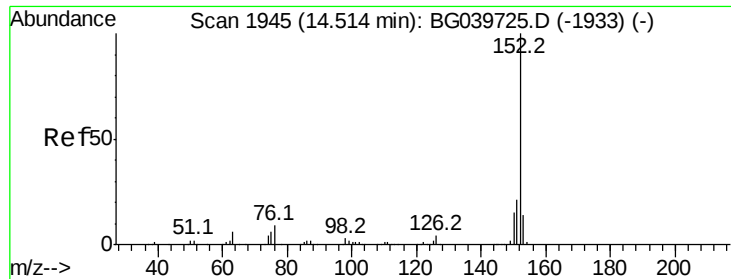
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.5	31.0	46.6
164	32.3	25.7	38.5



#48
 2-Nitroaniline
 Concen: 36.889 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	51.4	77.2
138	97.9	71.4	107.2





#49

Acenaphthylene

Concen: 35.149 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

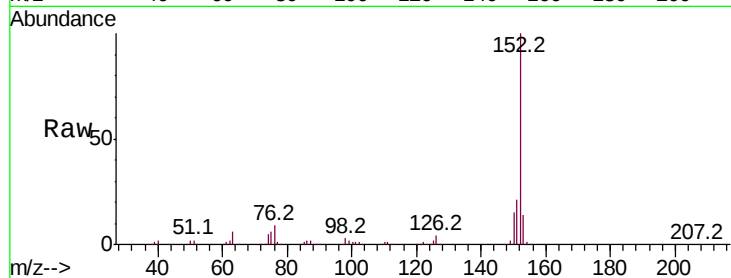
Tot Ion:152 Resp: 398697

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

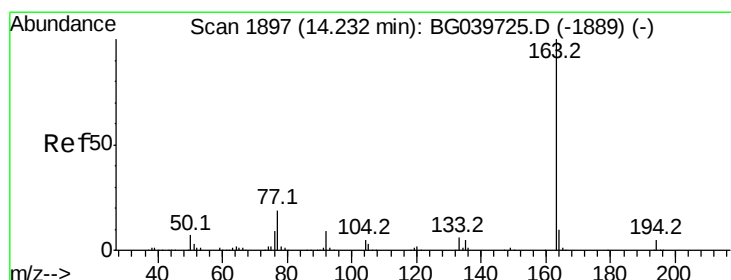
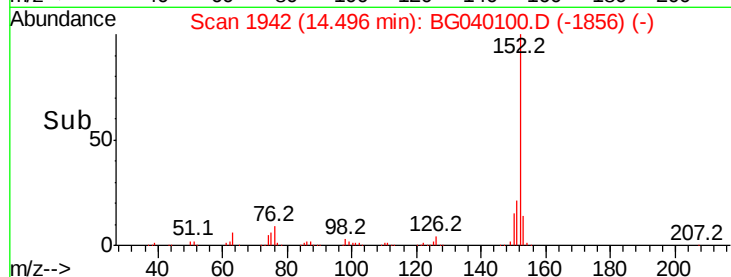
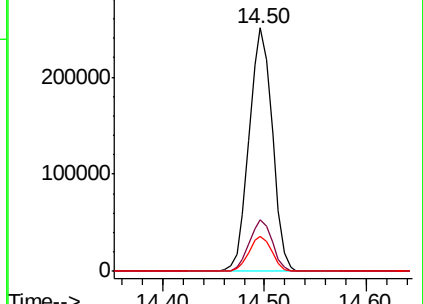
153 14.1 11.7 17.5



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: 35.734 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

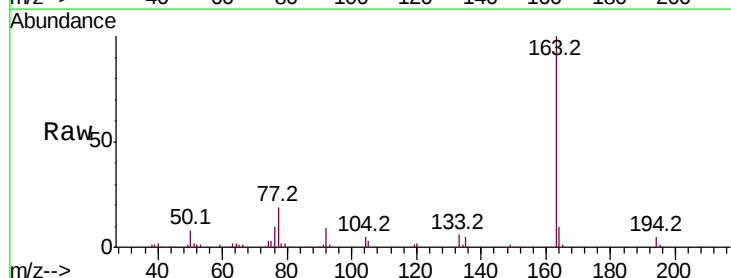
Tgt Ion:163 Resp: 333687

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

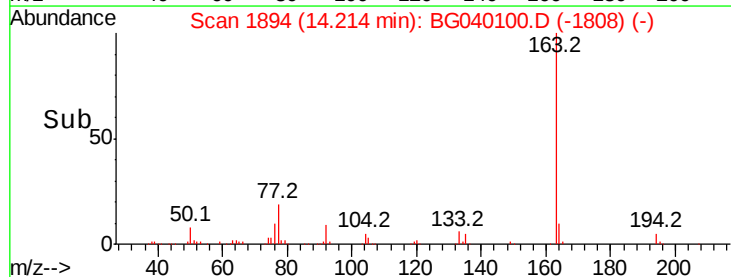
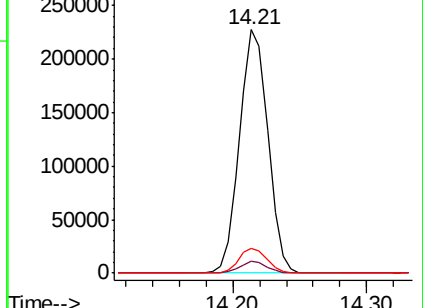
164 10.3 8.4 12.6

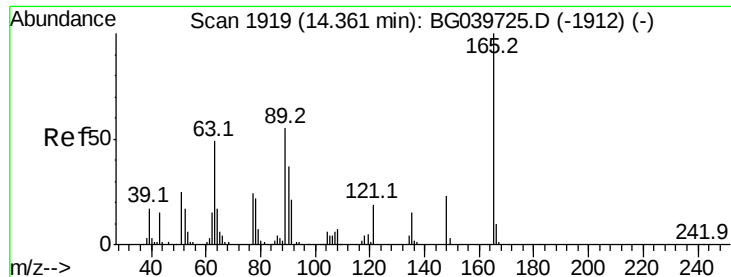


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.969 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

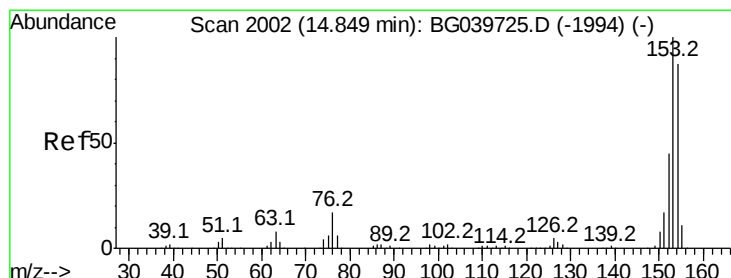
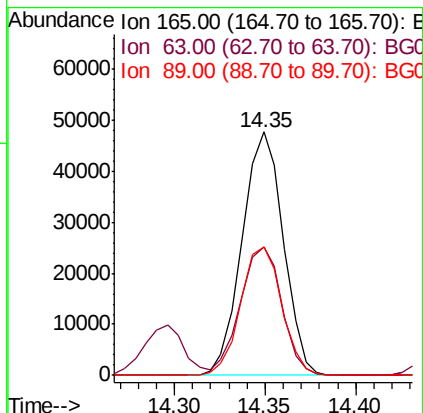
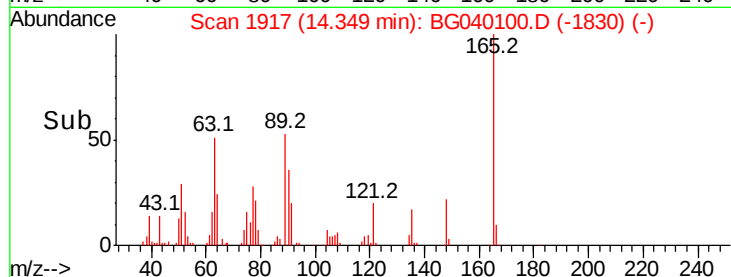
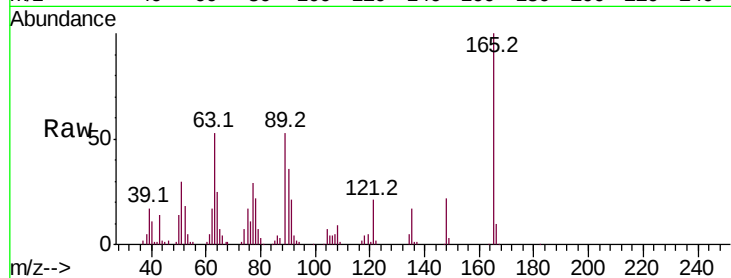
Tot Ion:165 Resp: 75163

Ion Ratio Lower Upper

165 100

63 52.7 47.0 70.6

89 52.7 45.8 68.8



#52

Acenaphthene

Concen: 35.310 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

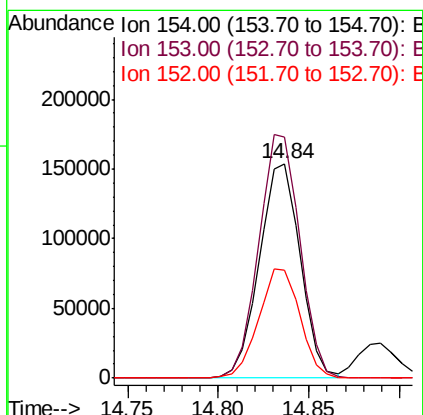
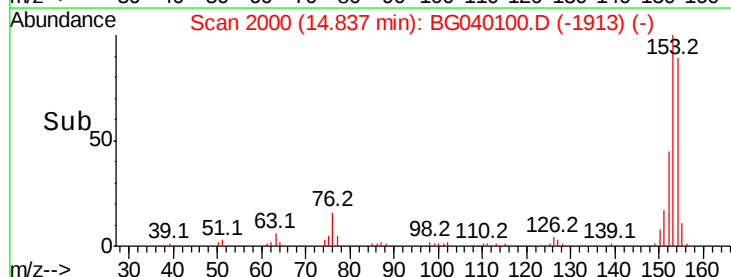
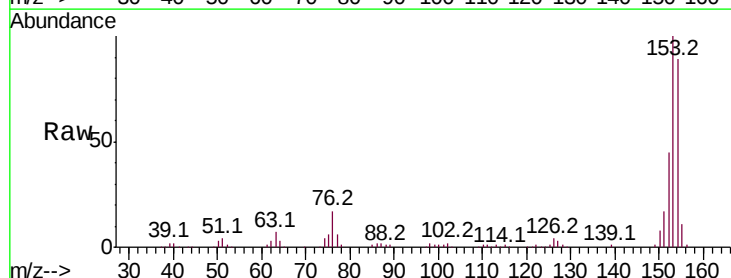
Tgt Ion:154 Resp: 241067

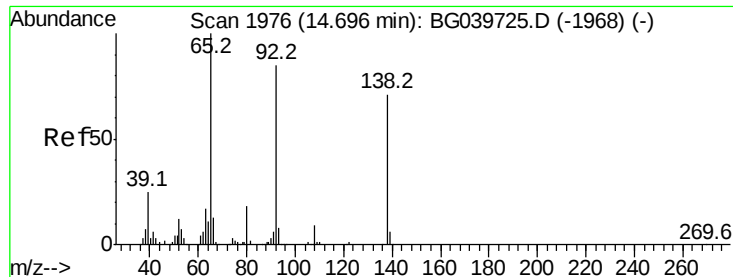
Ion Ratio Lower Upper

154 100

153 112.4 90.1 135.1

152 50.2 40.9 61.3

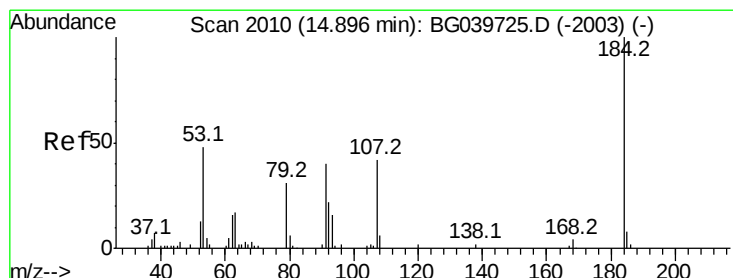
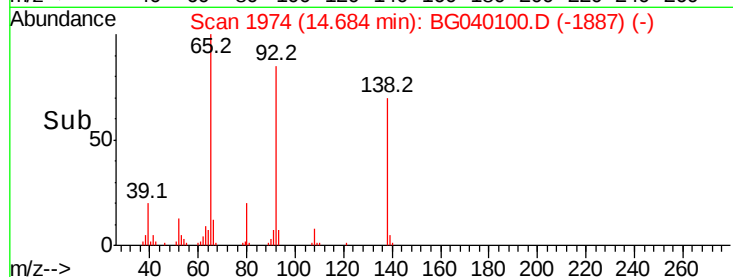
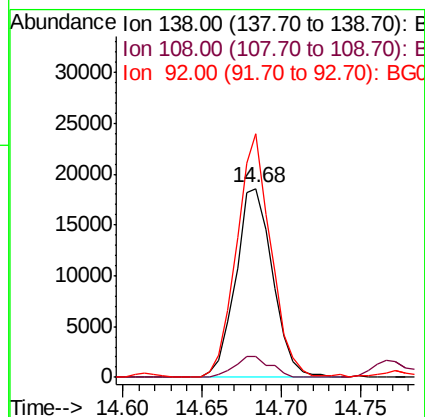
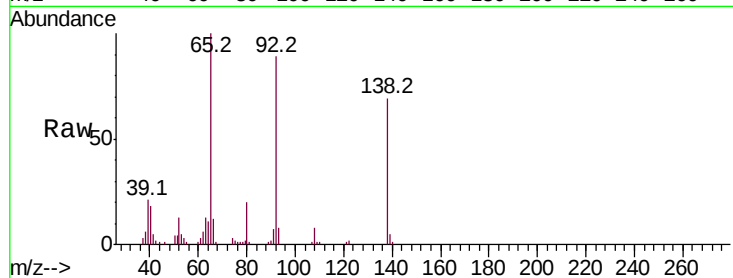




#53
3-Nitroaniline
Concen: 15.025 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

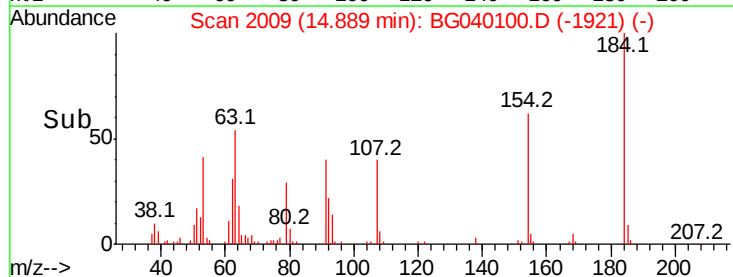
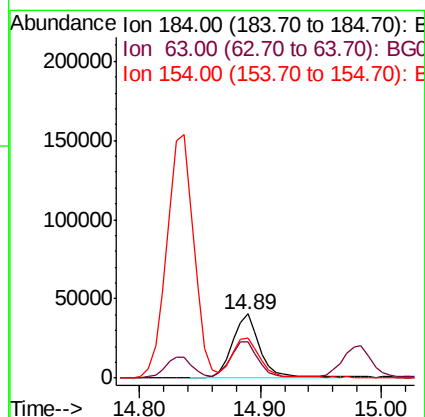
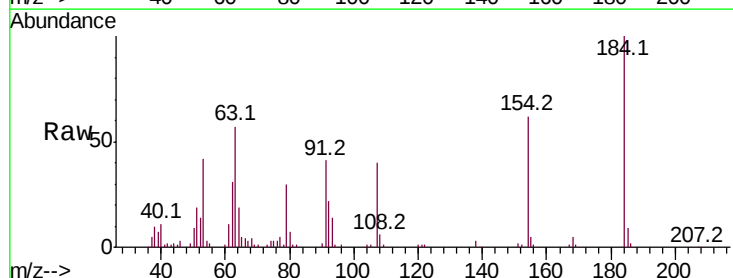
Instrument :
BNA_G
ClientSampleId :

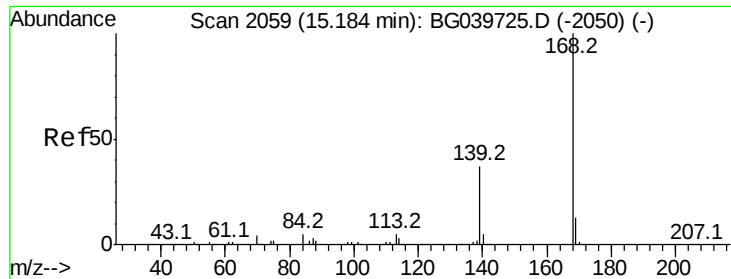
Tot Ion:138 Resp: 29899
Ion Ratio Lower Upper
138 100
108 10.9 13.8 20.8#
92 128.8 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 53.539 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion:184 Resp: 64515
Ion Ratio Lower Upper
184 100
63 57.3 50.9 76.3
154 61.9 53.0 79.6

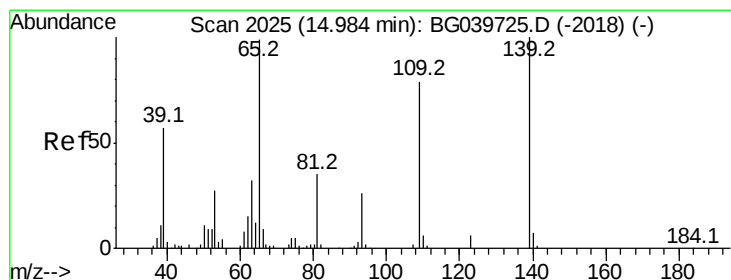
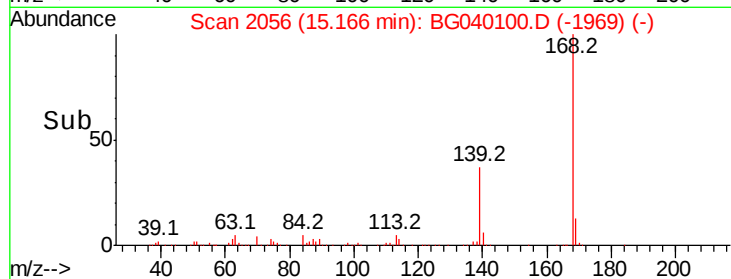
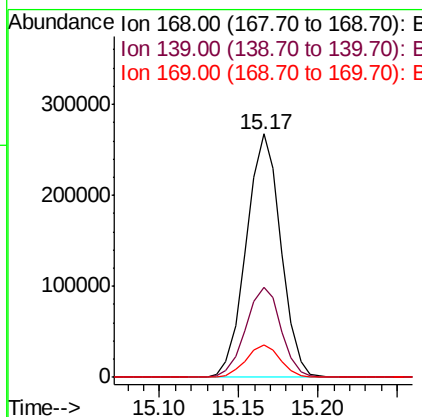
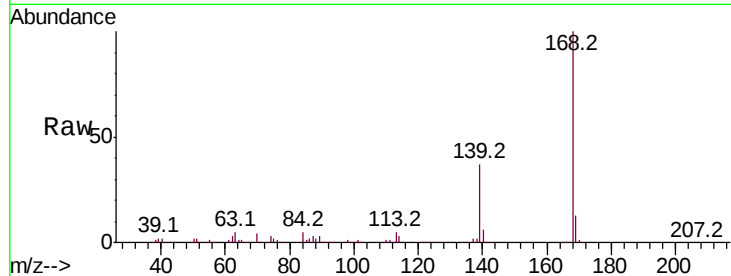




#55
Dibenzofuran
Concen: 36.196 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

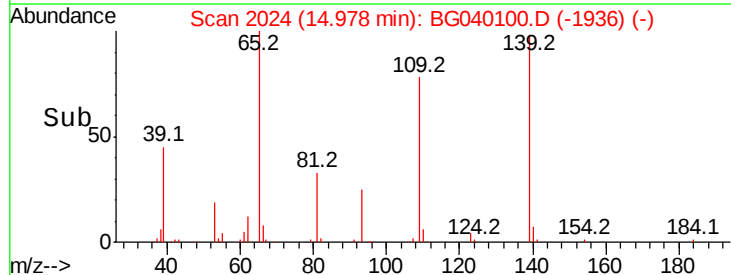
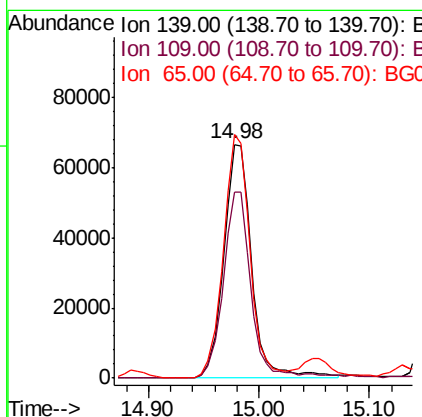
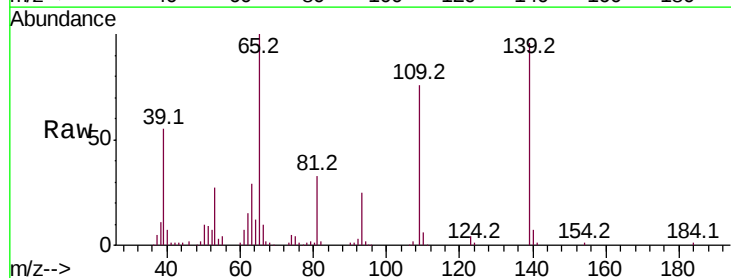
Instrument :
BNA_G
ClientSampleId :

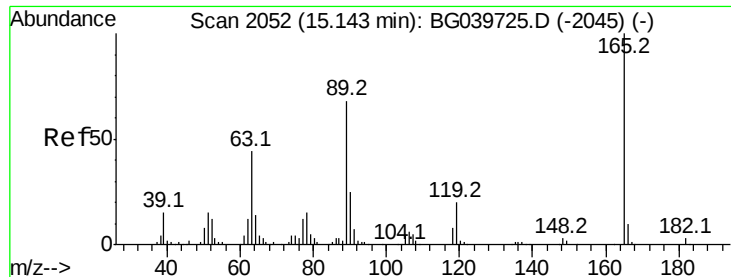
Tot Ion:168 Resp: 405441
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 65.952 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion:139 Resp: 117403
Ion Ratio Lower Upper
139 100
109 79.6 61.9 101.9
65 104.2 99.1 139.1





#57

2,4-Dinitrotoluene

Concen: 38.752 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 107791

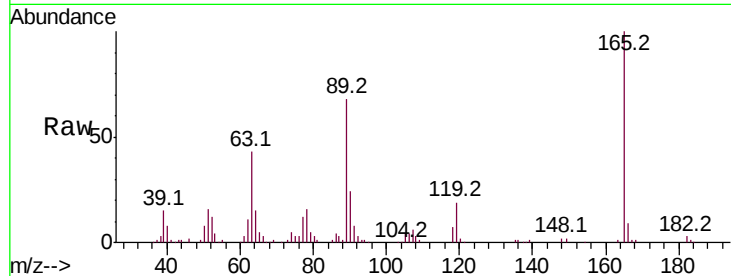
Ion Ratio Lower Upper

165 100

63 43.1 41.0 61.6

89 68.2 64.6 96.8

182 3.3 2.0 3.0#

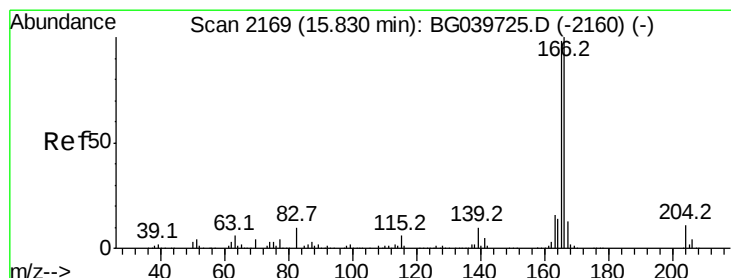
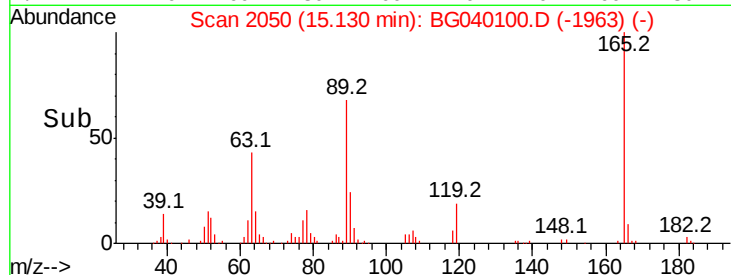
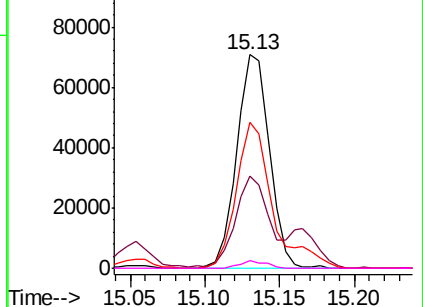


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 36.447 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

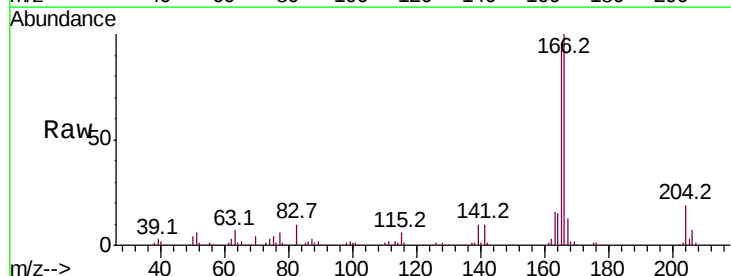
Tgt Ion:166 Resp: 320941

Ion Ratio Lower Upper

166 100

165 95.8 77.9 116.9

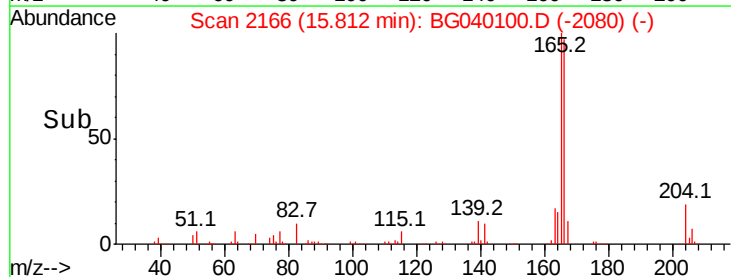
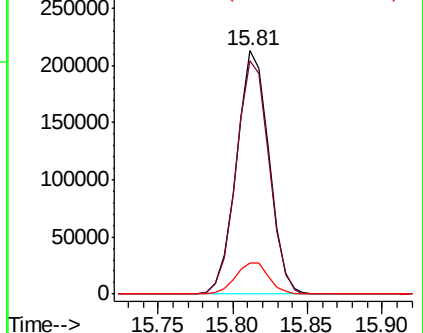
167 13.0 10.8 16.2

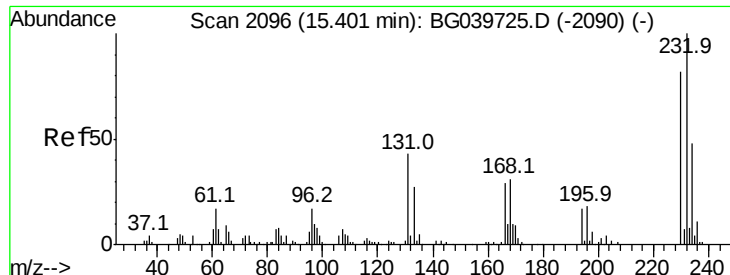


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

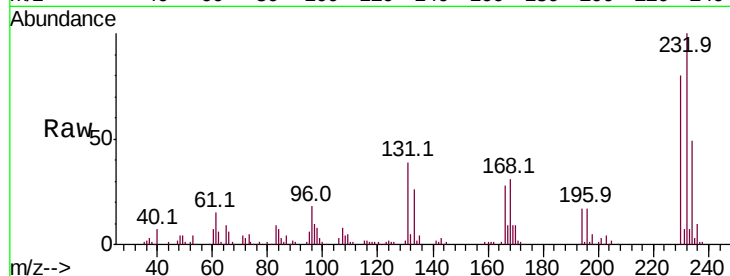




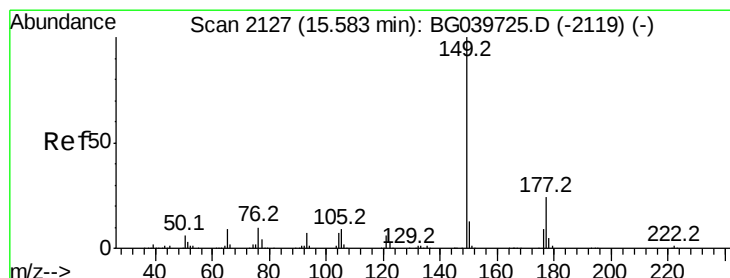
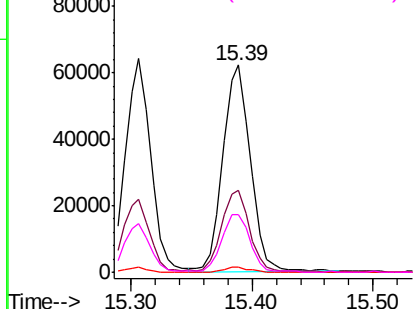
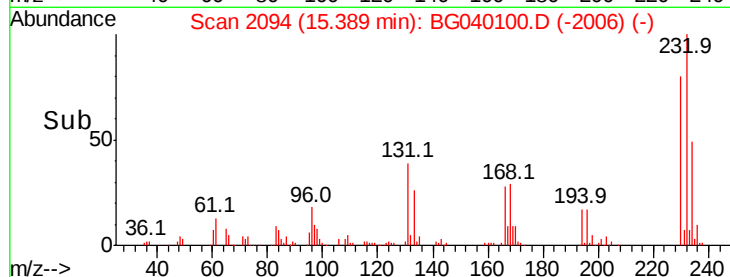
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.010 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	97553
Ion	Ratio	Lower	Upper
232	100		
131	41.1	34.9	52.3
130	2.2	2.0	3.0
166	29.3	24.1	36.1

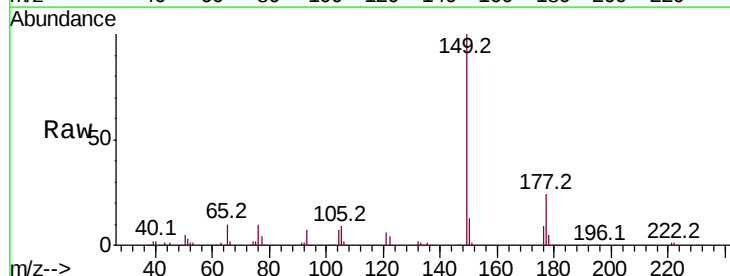


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

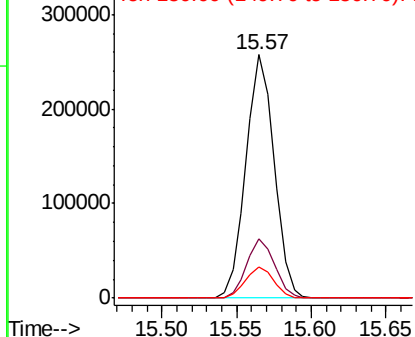
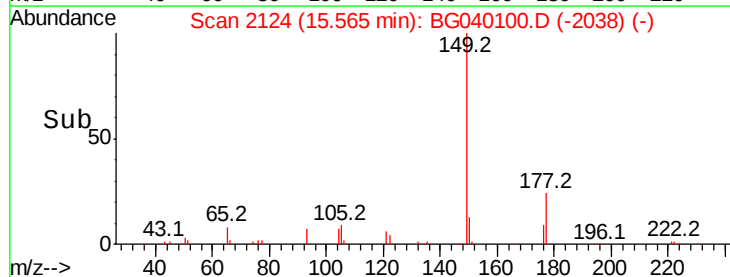


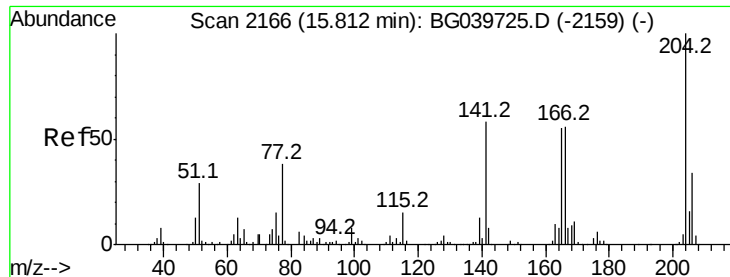
#60
 Diethylphthalate
 Concen: 36.453 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Tgt Ion:	149	Resp:	336972
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.3	27.5
150	12.9	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

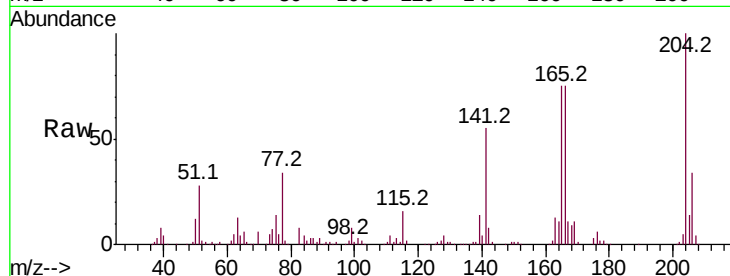




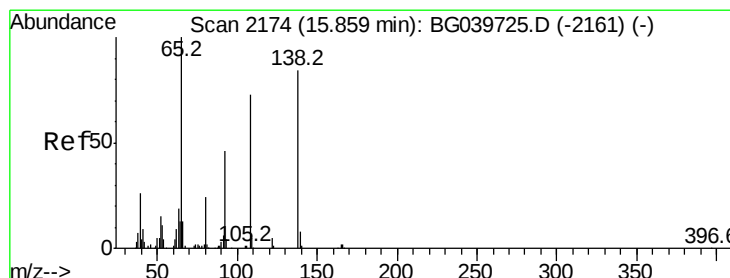
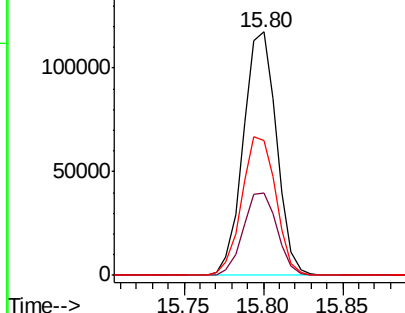
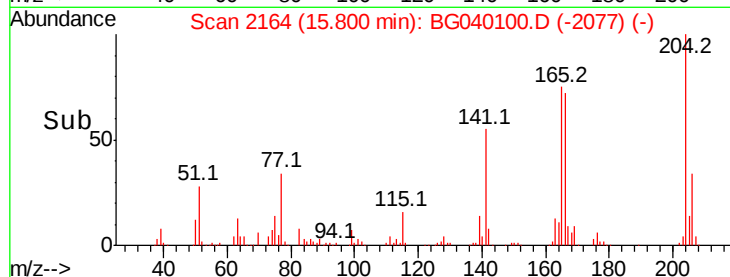
#61
 4-Chlorophenyl-phenylether
 Concen: 36.268 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 170422
 Ion Ratio Lower Upper
 204 100
 206 33.8 29.2 43.8
 141 55.5 49.0 73.4

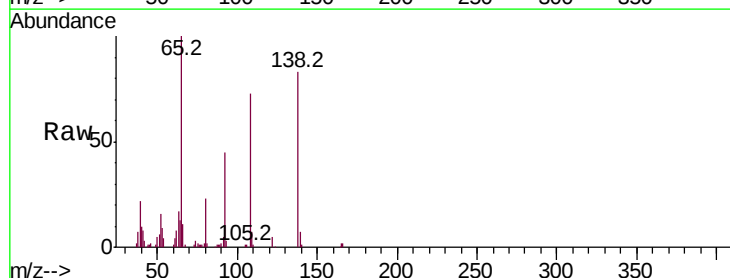


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

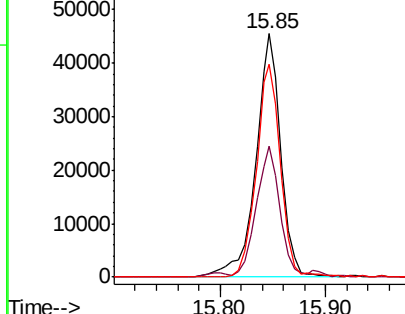
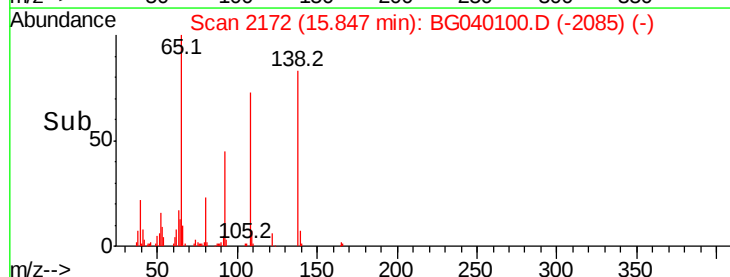


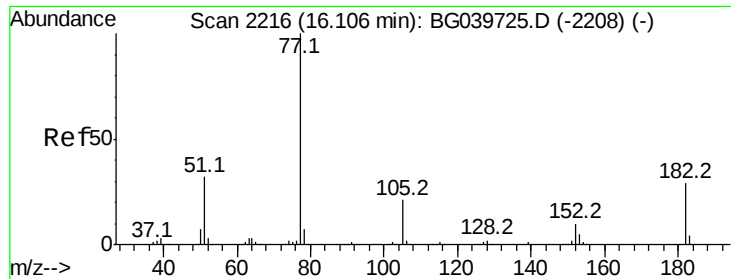
#62
 4-Nitroaniline
 Concen: 34.612 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Tgt Ion:138 Resp: 74669
 Ion Ratio Lower Upper
 138 100
 92 53.8 38.7 78.7
 108 87.7 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

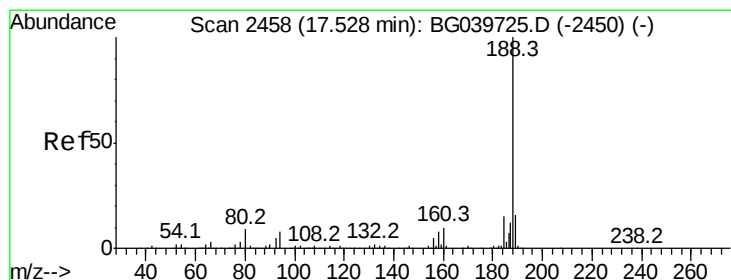
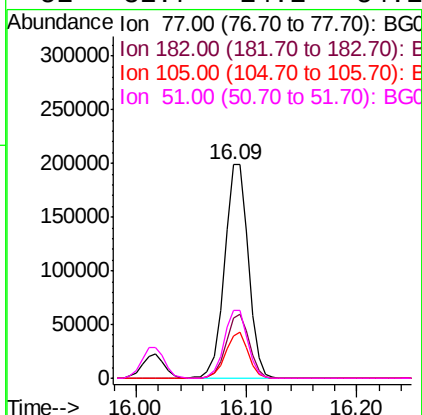
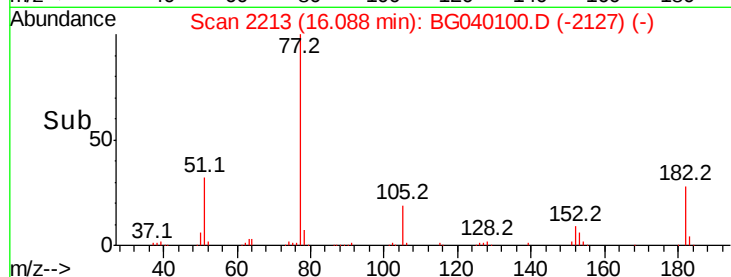
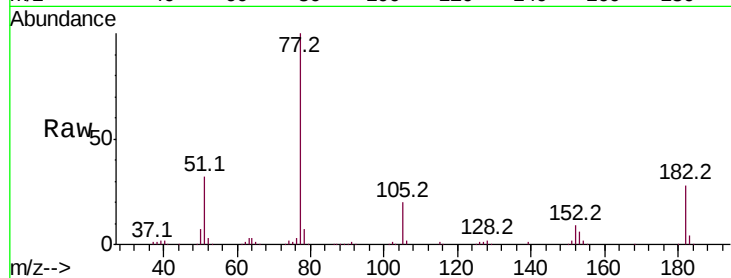




#63
Azobenzene
Concen: 35.646 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

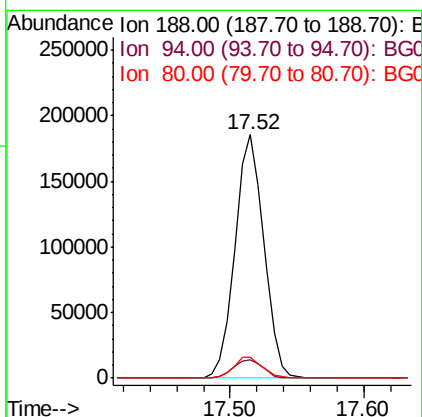
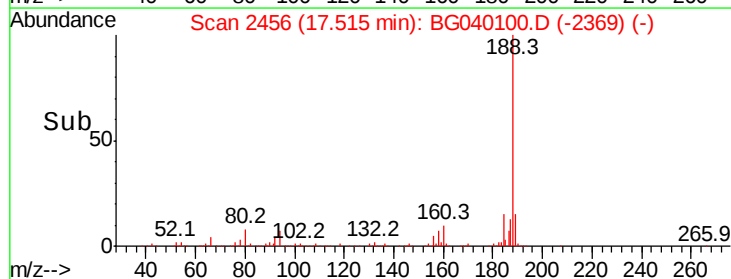
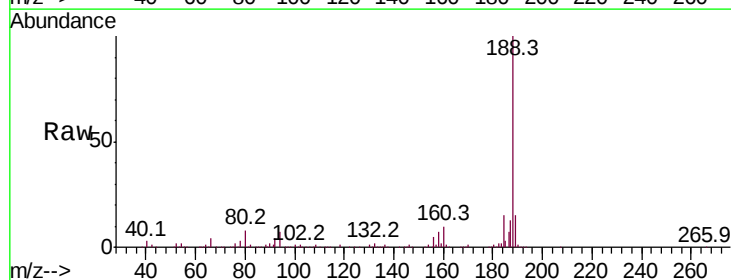
Instrument :
BNA_G
ClientSampleId :

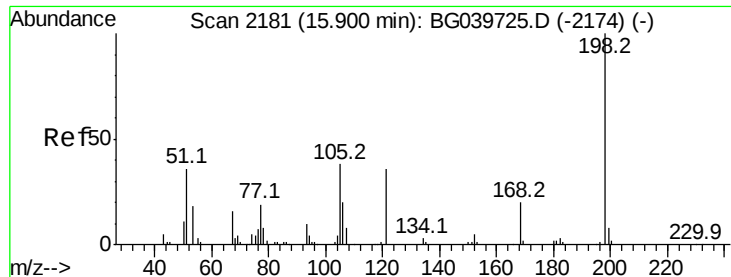
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	6.4	46.4
105	20.0	0.0	39.8
51	31.7	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.4	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 34.792 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

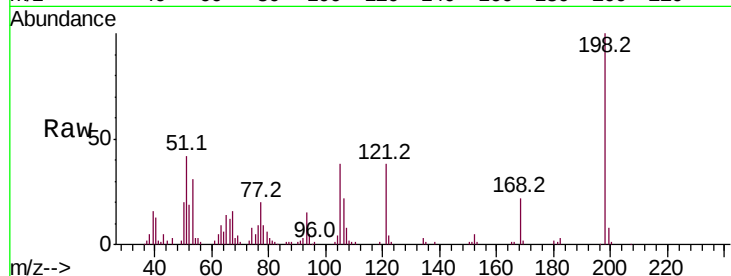
Tot Ion:198 Resp: 57002

Ion Ratio Lower Upper

198 100

51 42.5 27.4 67.4

105 38.3 19.7 59.7

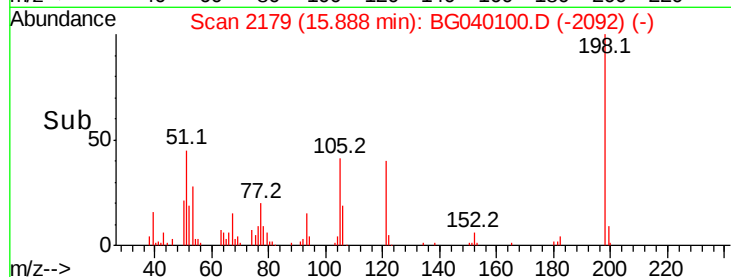


Abundance Ion 198.00 (197.70 to 198.70): E

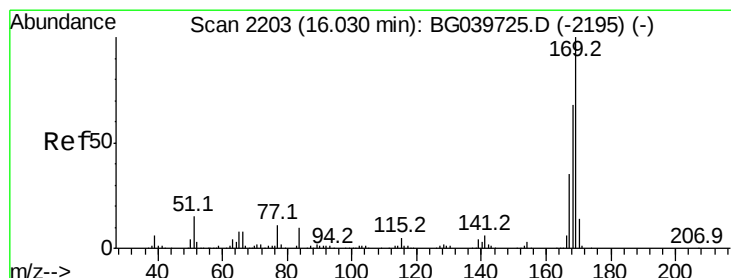
Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#66

n-Nitrosodiphenylamine

Concen: 36.826 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

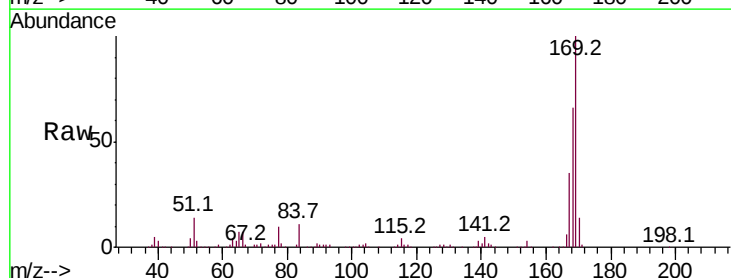
Tgt Ion:169 Resp: 295411

Ion Ratio Lower Upper

169 100

168 66.5 56.6 85.0

167 35.0 28.8 43.2

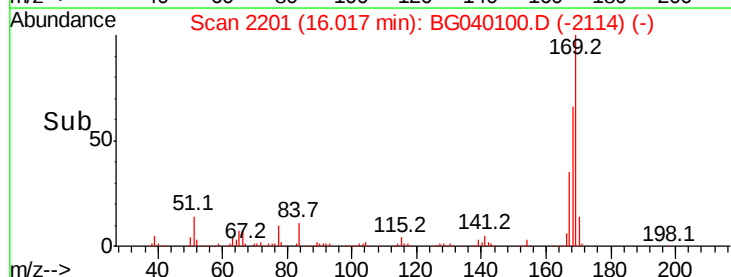


Abundance Ion 169.00 (168.70 to 169.70): E

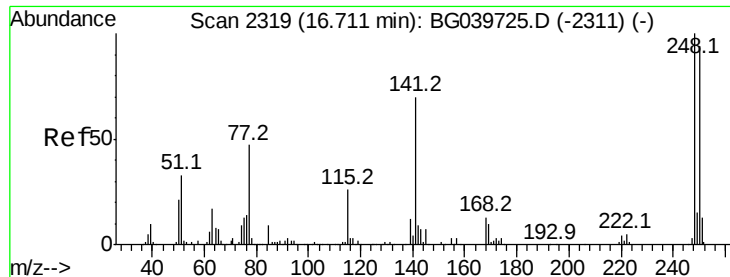
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



#67

4-Bromophenyl-phenylether

Concen: 36.323 ng

RT: 16.69 min Scan# 2316

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampled :

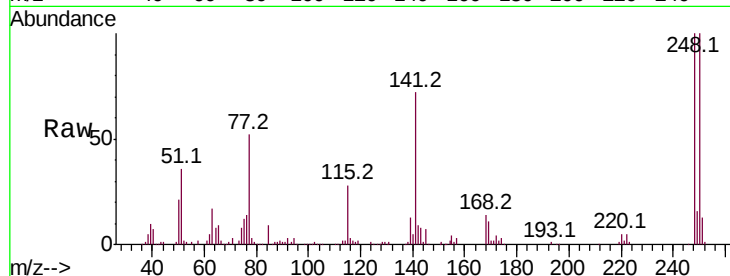
Tot Ion:248 Resp: 112659

Ion Ratio Lower Upper

248 100

250 99.6 77.6 116.4

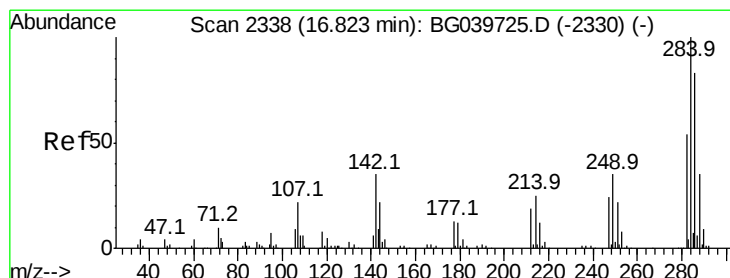
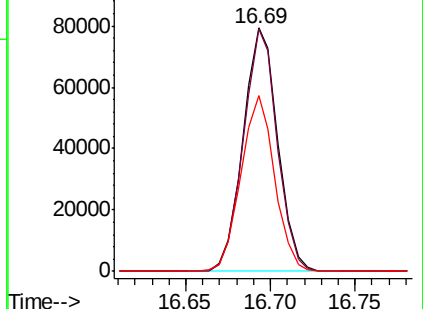
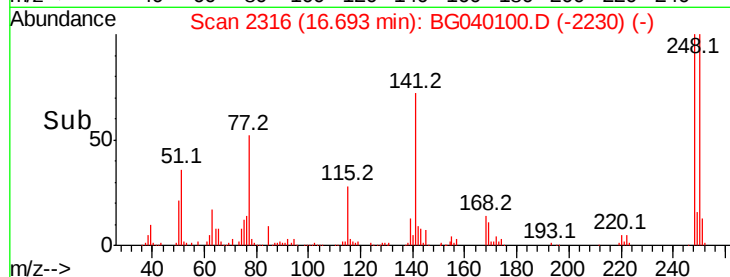
141 72.2 63.9 95.9



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: 36.141 ng

RT: 16.81 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

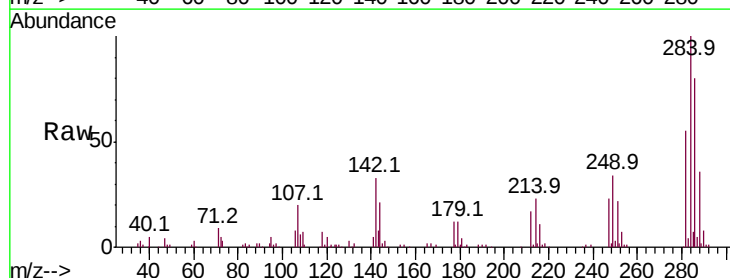
Tgt Ion:284 Resp: 116192

Ion Ratio Lower Upper

284 100

142 33.1 30.6 45.8

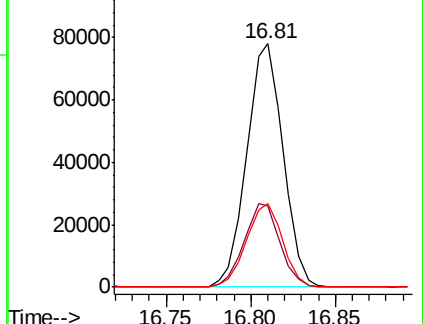
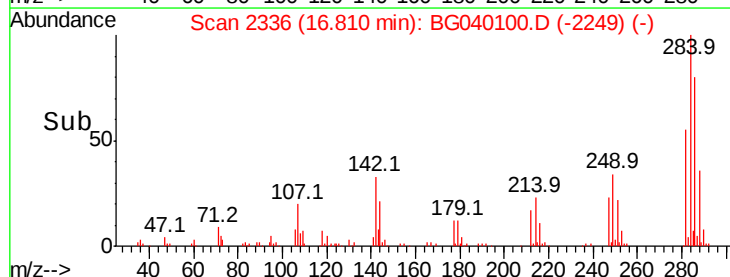
249 34.1 28.2 42.2

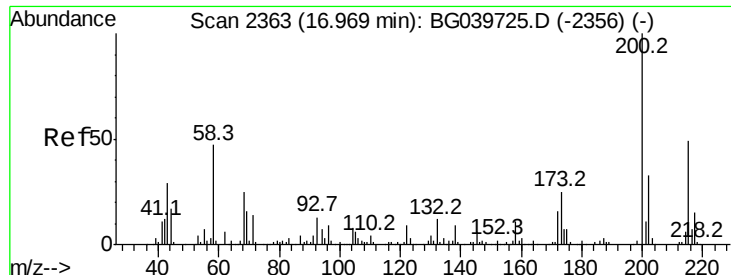


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

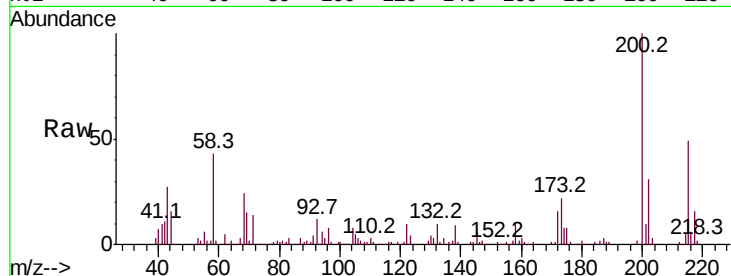




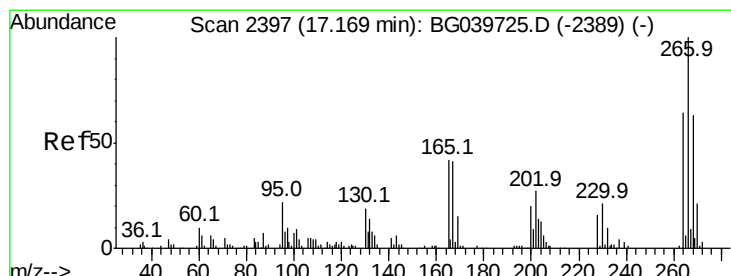
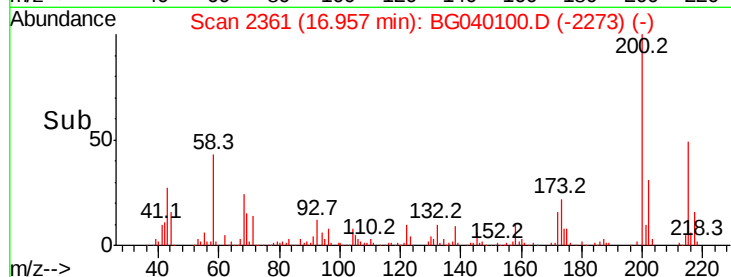
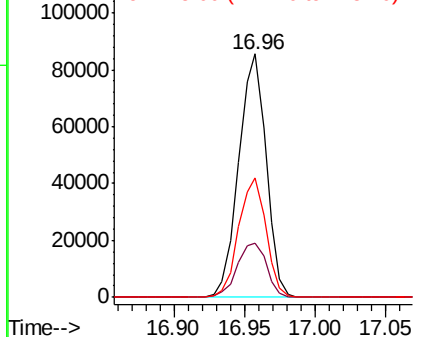
#69
Atrazine
Concen: 36.783 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.1	3.9	43.9
215	49.1	30.9	70.9

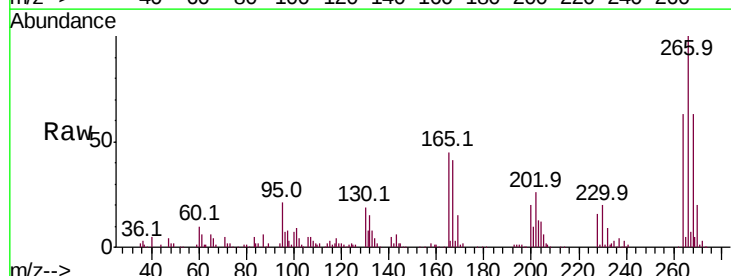


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

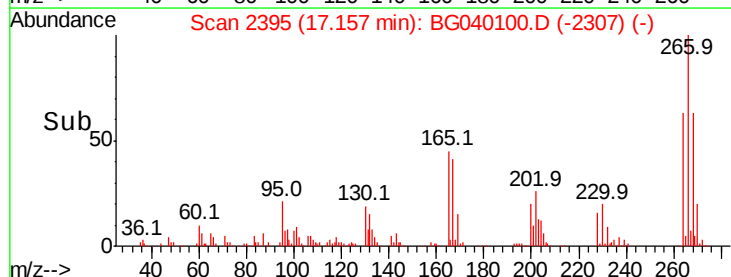
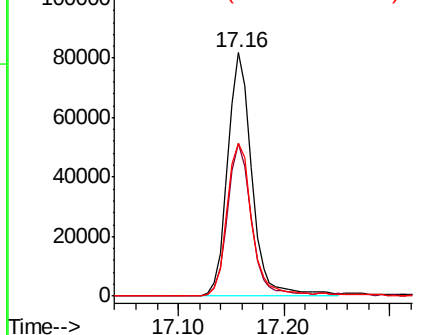


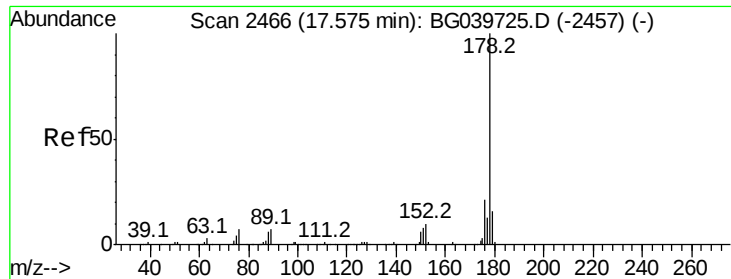
#70
Pentachlorophenol
Concen: 64.170 ng
RT: 17.16 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	62.9	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

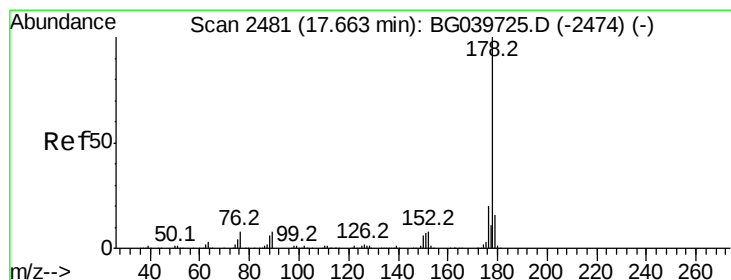
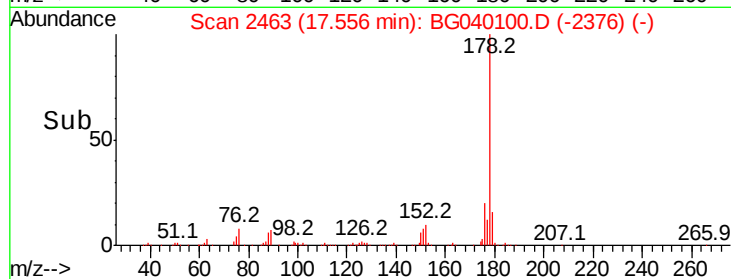
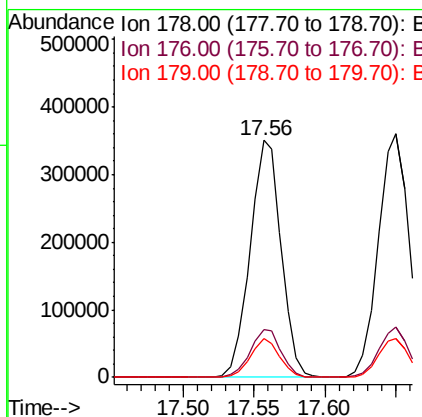
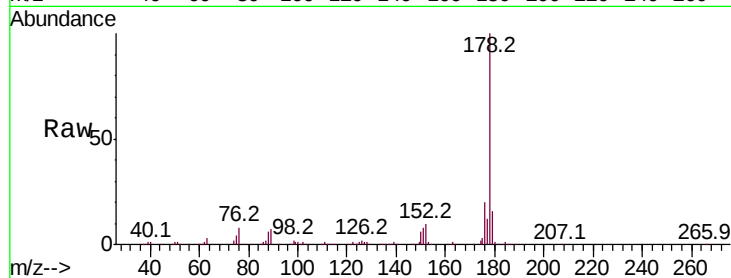




#71
Phenanthrene
Concen: 35.428 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

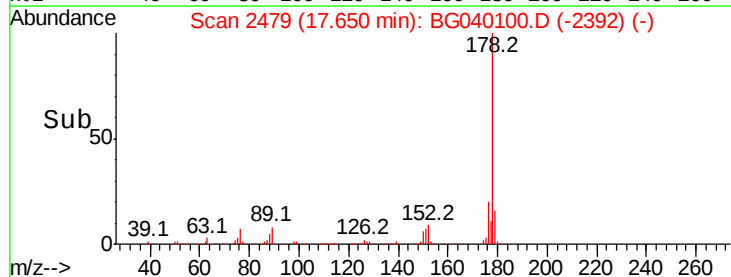
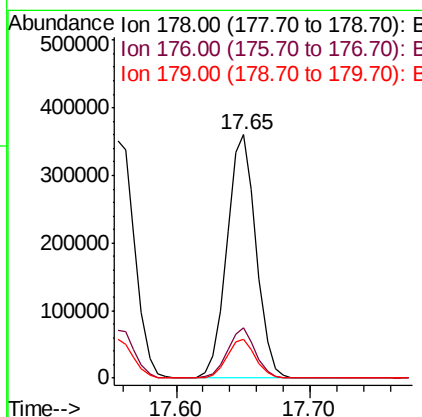
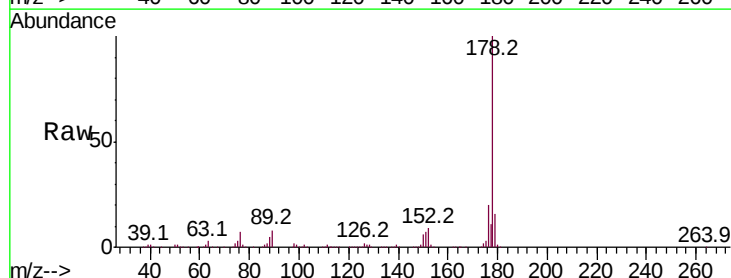
Instrument :
BNA_G
ClientSampleId :

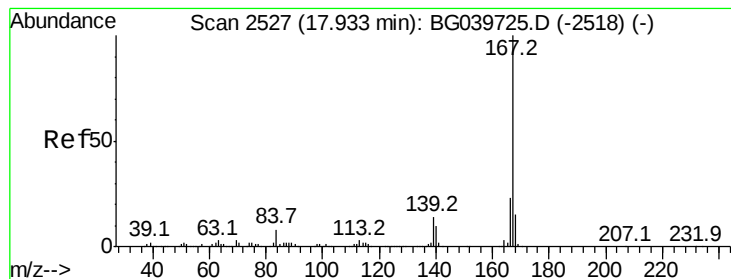
Tot Ion:178 Resp: 540713
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.1 12.6 19.0



#72
Anthracene
Concen: 36.729 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion:178 Resp: 546282
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 15.8 12.5 18.7





#73

Carbazole

Concen: 34.893 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

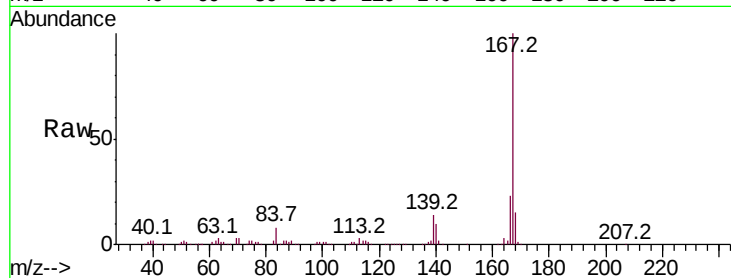
Tot Ion:167 Resp: 467861

Ion Ratio Lower Upper

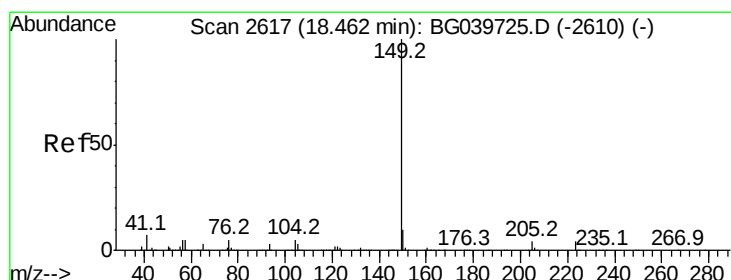
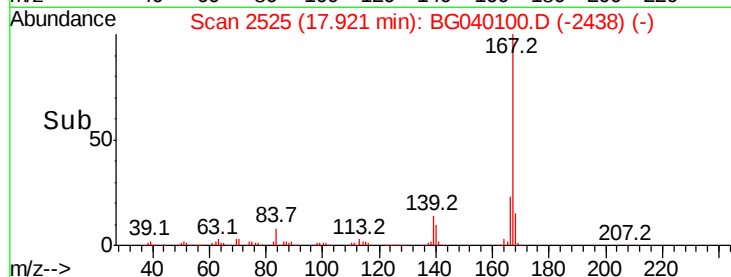
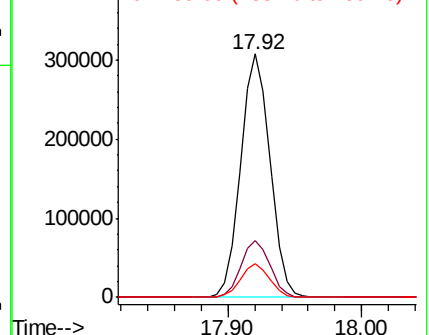
167 100

166 23.2 19.4 29.2

139 14.0 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.564 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

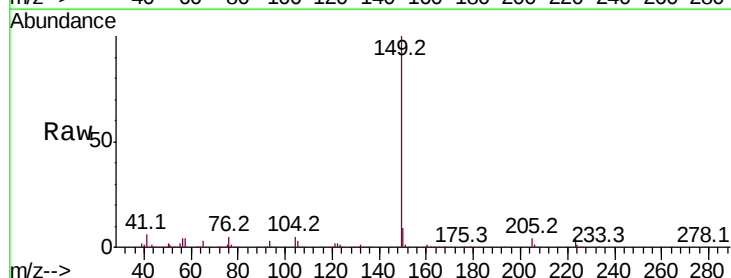
Tgt Ion:149 Resp: 576831

Ion Ratio Lower Upper

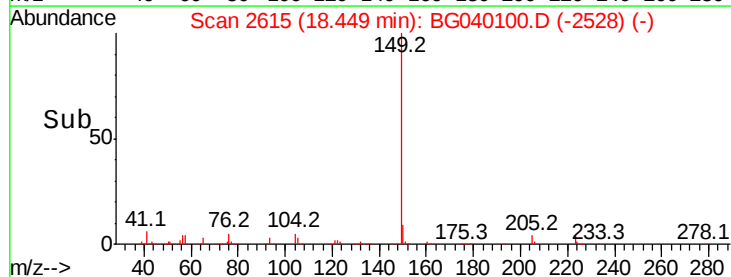
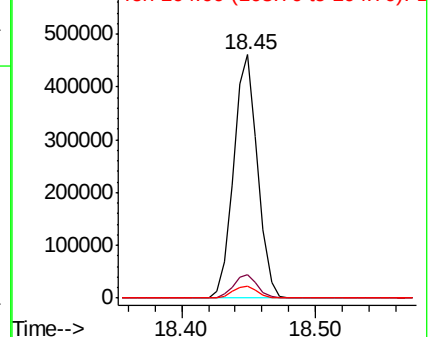
149 100

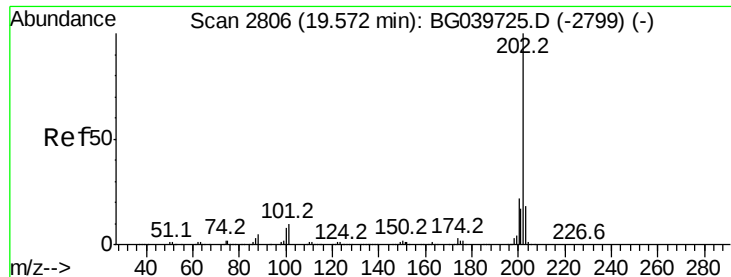
150 9.4 7.7 11.5

104 5.1 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.006 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

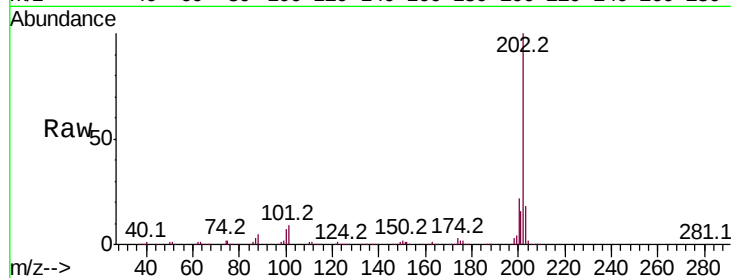
Tot Ion:202 Resp: 631417

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.0

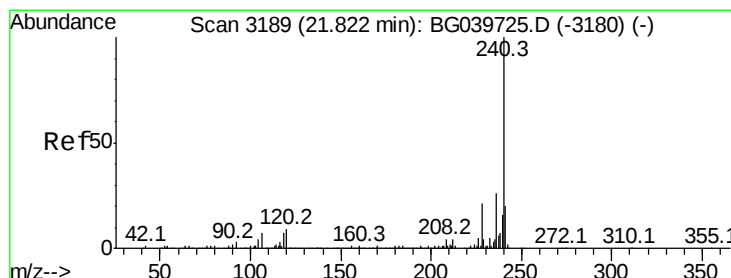
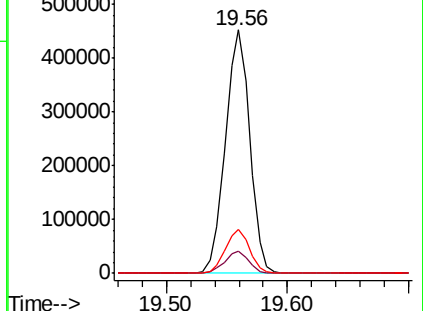
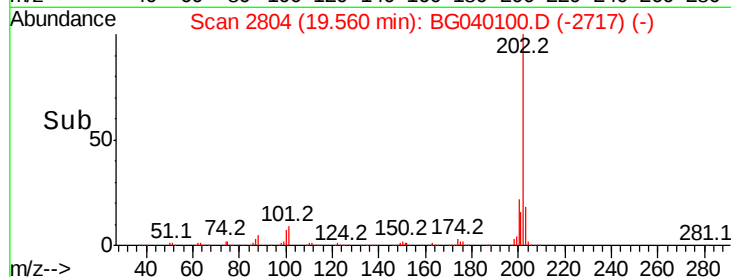
203 18.0 0.0 38.9



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: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

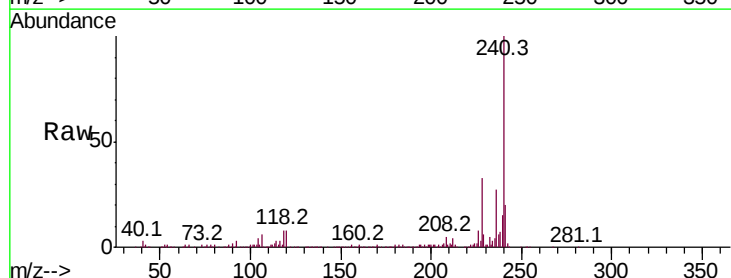
Tgt Ion:240 Resp: 265026

Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

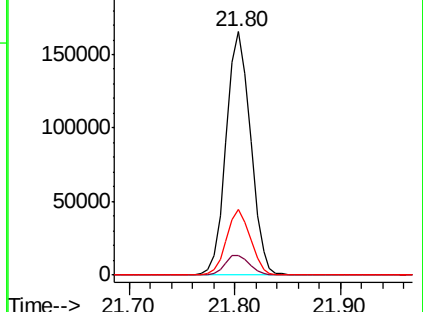
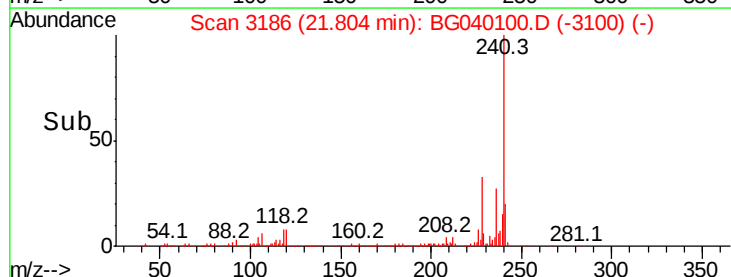
236 27.0 21.0 31.4

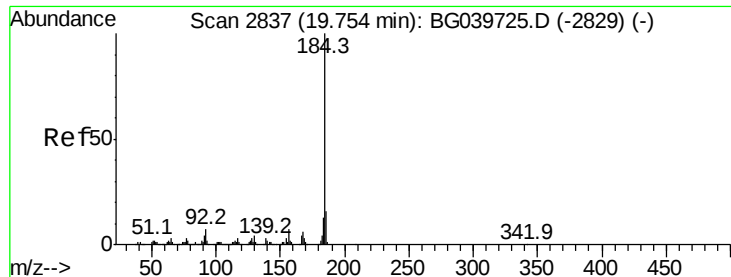


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.969 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampled :

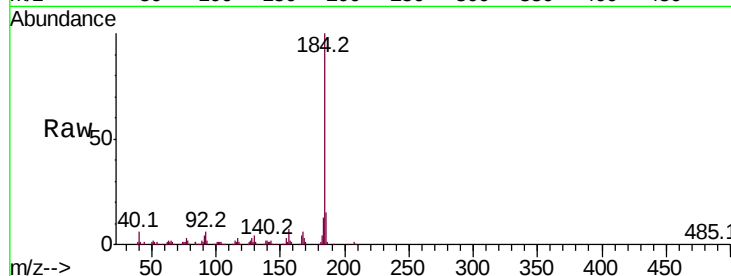
Tot Ion:184 Resp: 125888

Ion Ratio Lower Upper

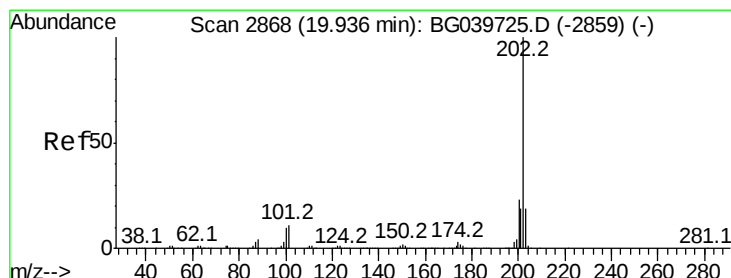
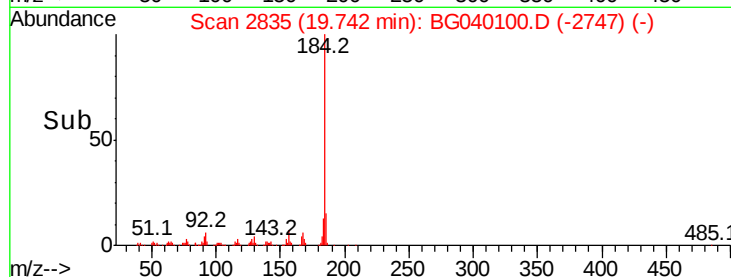
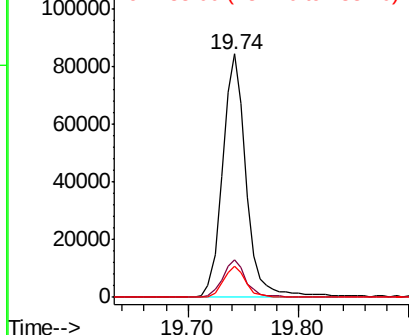
184 100

185 15.2 12.2 18.2

183 12.7 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: 36.982 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

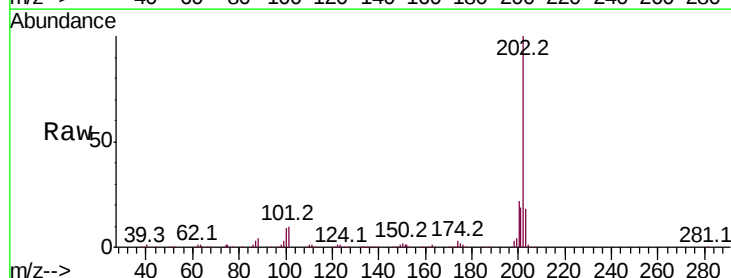
Tgt Ion:202 Resp: 636893

Ion Ratio Lower Upper

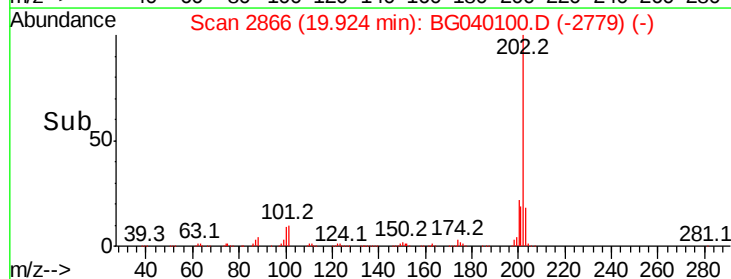
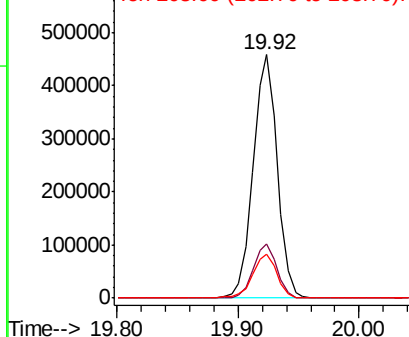
202 100

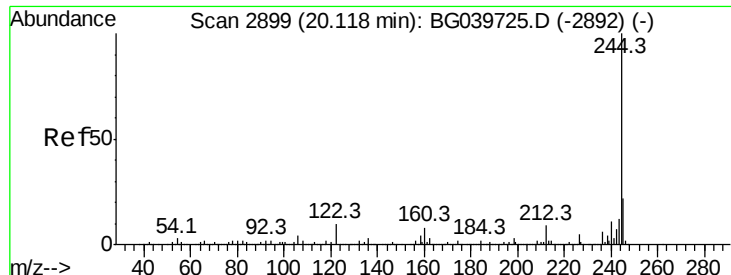
200 22.5 17.8 26.8

203 17.9 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: 68.007 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

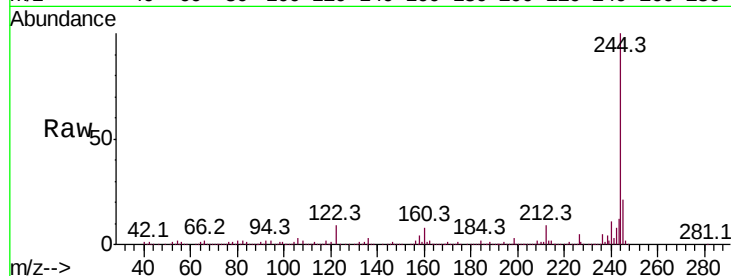
Tot Ion:244 Resp: 818583

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

122 9.1 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

20.11

800000

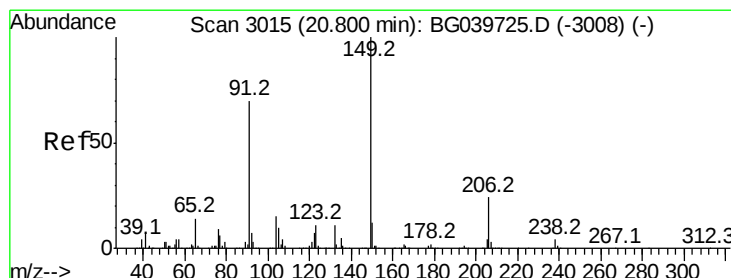
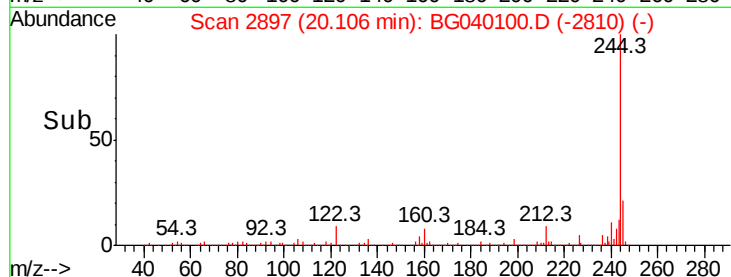
600000

400000

200000

0

Time--> 20.00 20.10 20.20



#80

Butylbenzylphthalate

Concen: 37.949 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

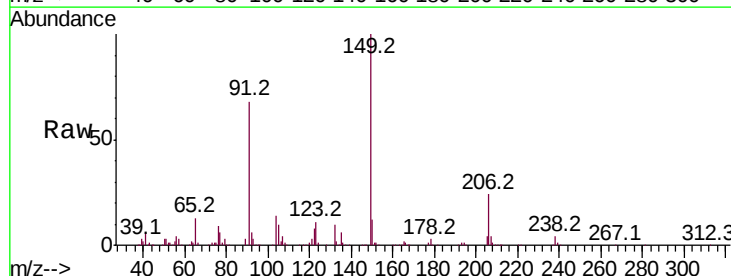
Tgt Ion:149 Resp: 253201

Ion Ratio Lower Upper

149 100

91 68.3 59.5 89.3

206 23.7 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

20.79

250000

200000

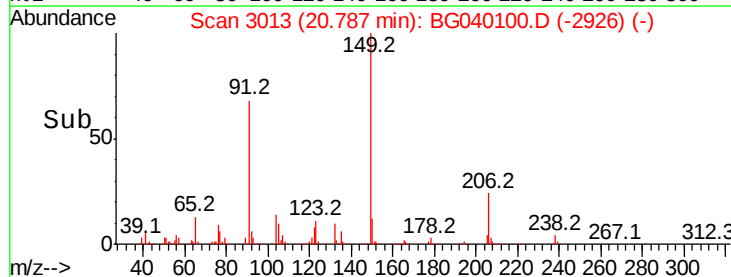
150000

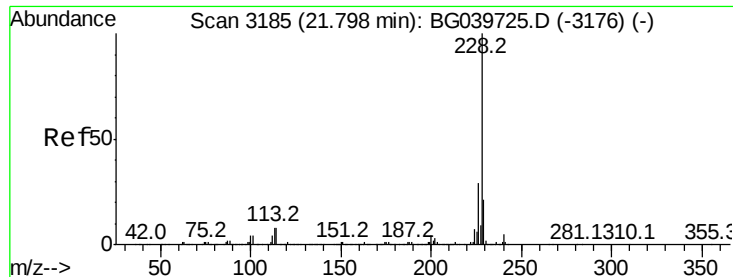
100000

50000

0

Time--> 20.70 20.75 20.80

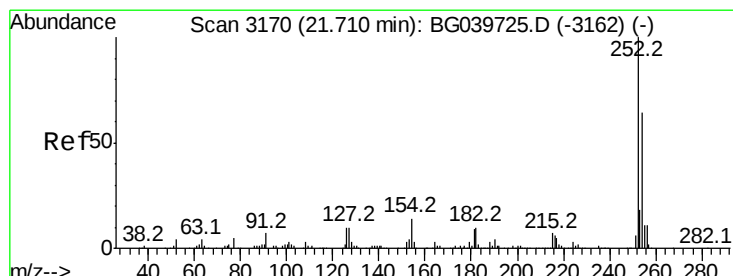
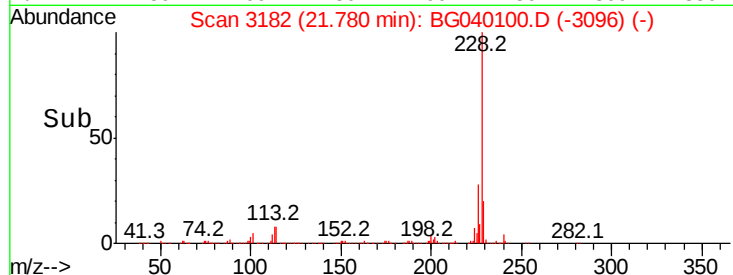
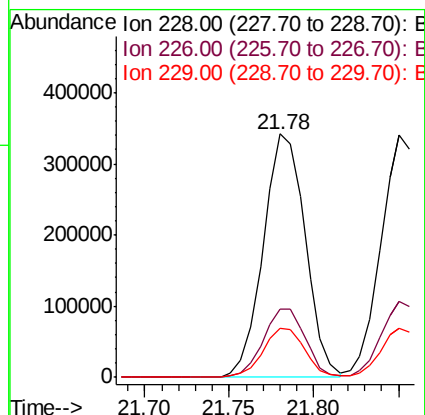
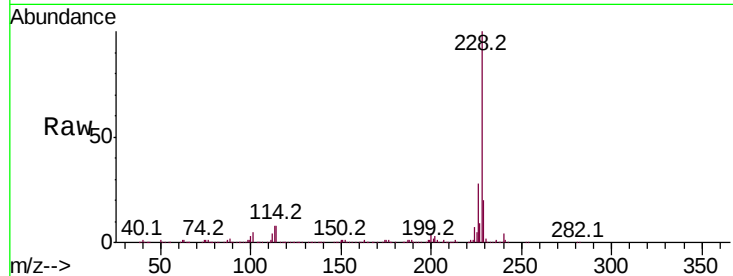




#81
Benzo(a)anthracene
Concen: 35.344 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

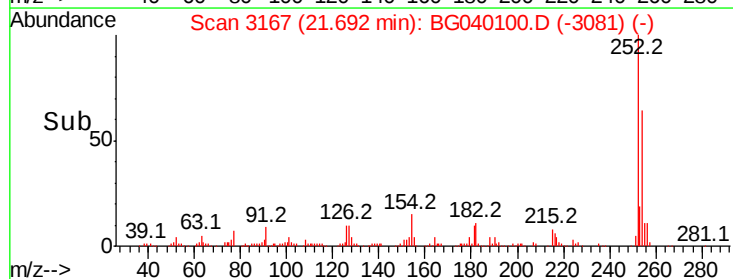
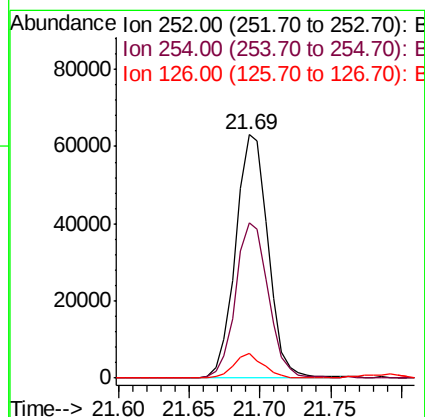
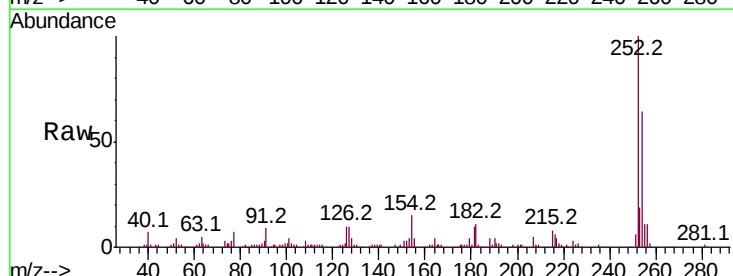
Instrument :
BNA_G
ClientSampleId :

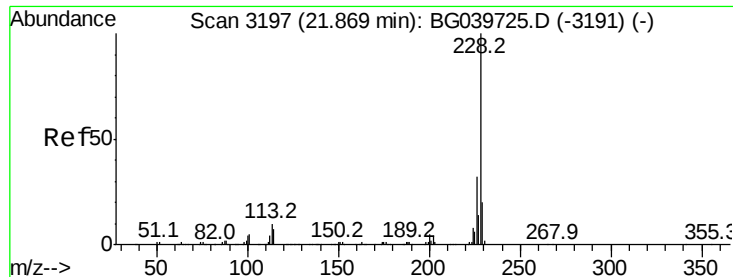
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.6
229	19.9	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 16.672 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.3	76.9
126	10.0	8.0	12.0

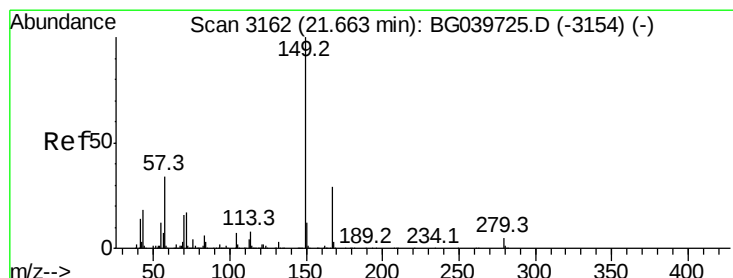
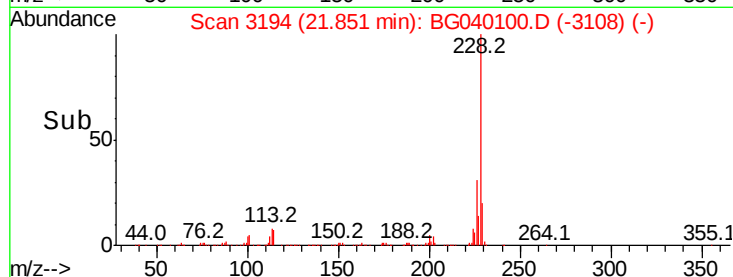
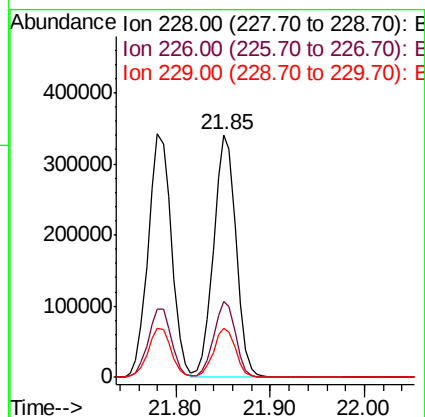
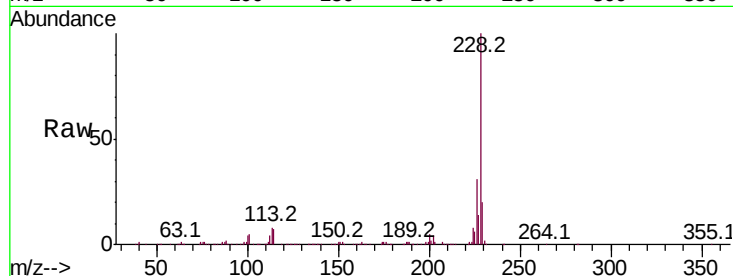




#83
 Chrysene
 Concen: 35.300 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

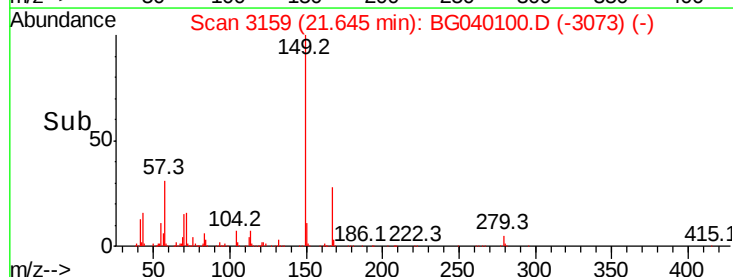
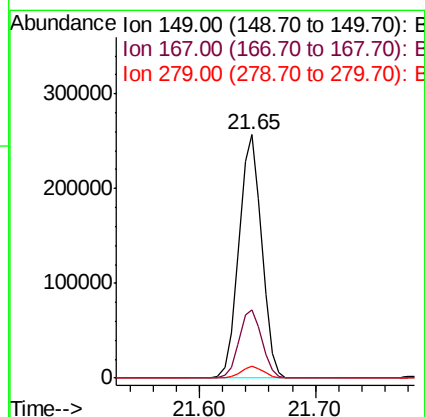
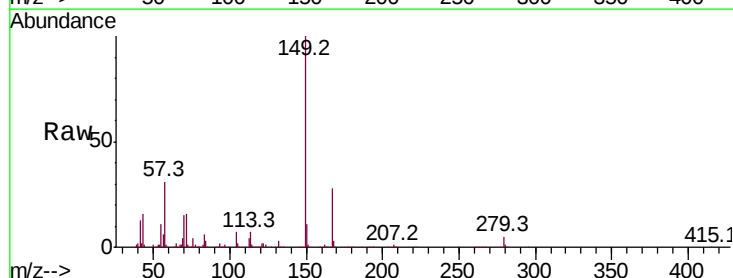
Instrument :
 BNA_G
 ClientSampleId :

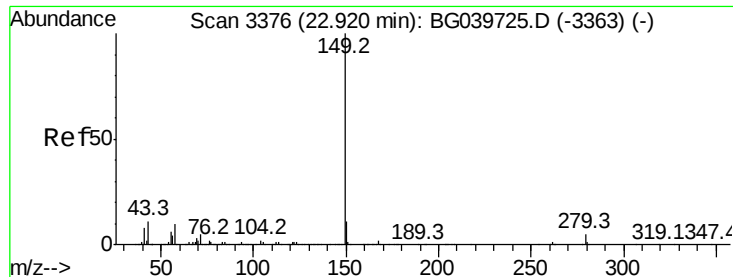
Tot Ion:228 Resp: 568437
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.8 38.6
 229 20.2 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.259 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG040100.D
 Acq: 23 Mar 2019 3:34

Tgt Ion:149 Resp: 349337
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.6 34.0
 279 5.0 3.5 5.3

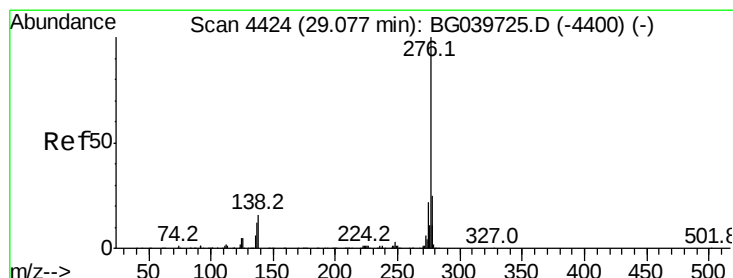
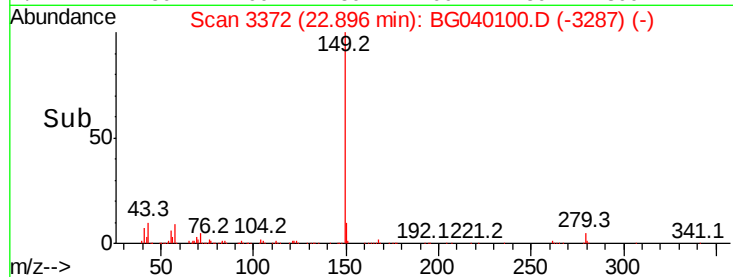
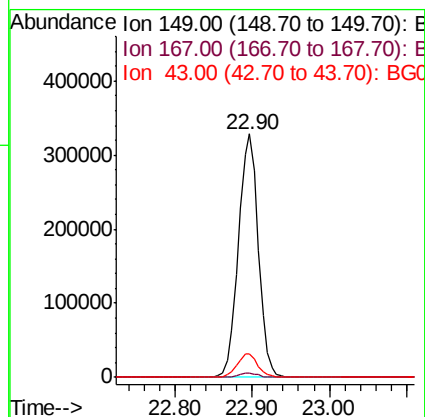
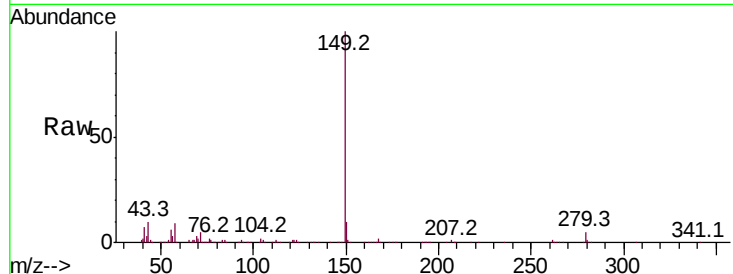




#85
Di-n-octyl phthalate
Concen: 38.183 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

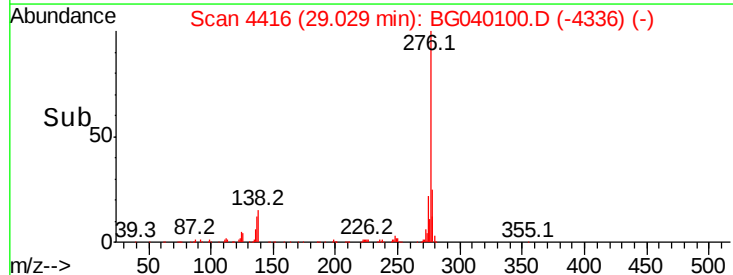
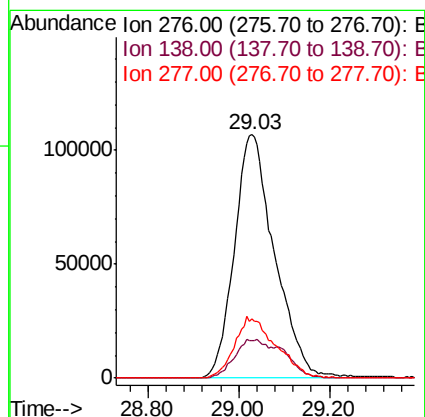
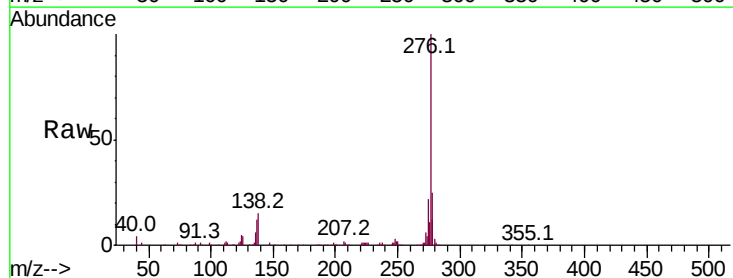
Instrument :
BNA_G
ClientSampleId :

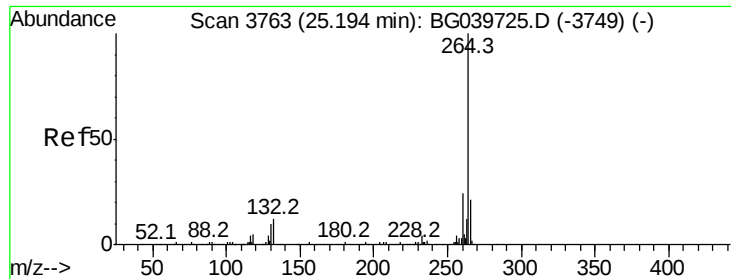
Tot Ion:149 Resp: 592764
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.2 10.2 15.4#



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.060 ng
RT: 29.03 min Scan# 4416
Delta R.T. -0.06 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion:276 Resp: 658734
Ion Ratio Lower Upper
276 100
138 7.3 12.6 19.0#
277 25.9 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

Instrument :

BNA_G

ClientSampleId :

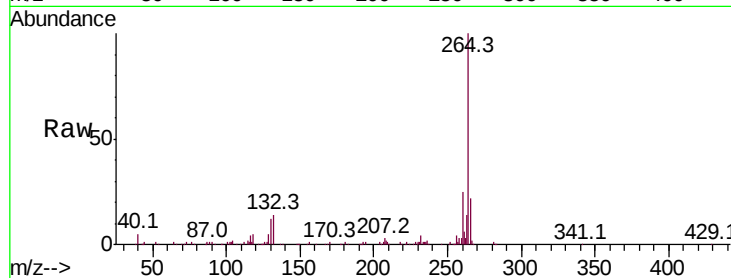
Tot Ion:264 Resp: 271760

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 22.0 18.5 27.7

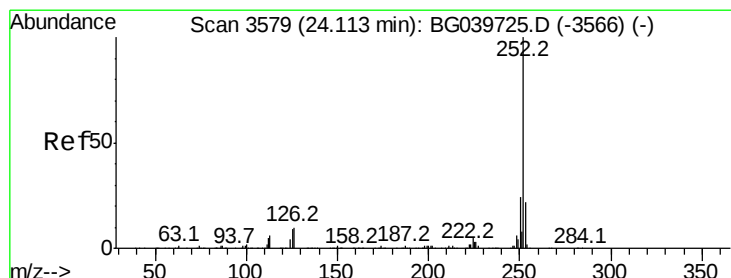
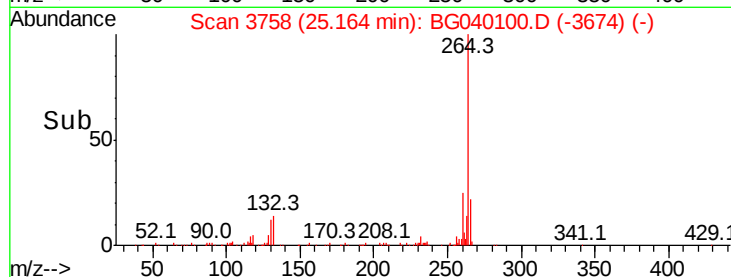
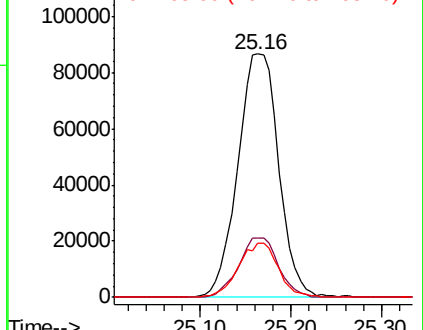


Abundance

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: 34.708 ng

RT: 24.16 min Scan# 3587

Delta R.T. 0.04 min

Lab File: BG040100.D

Acq: 23 Mar 2019 3:34

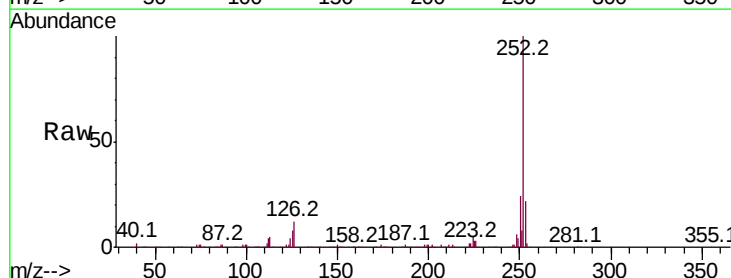
Tgt Ion:252 Resp: 562464

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 7.9 7.8 11.6

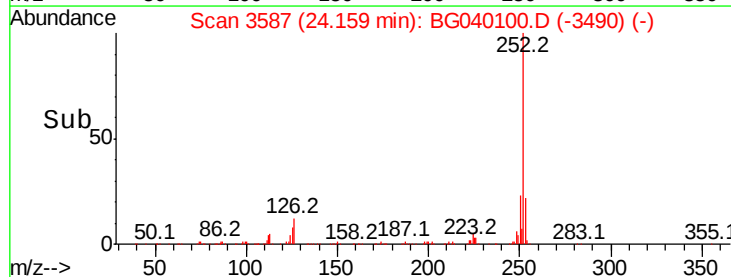
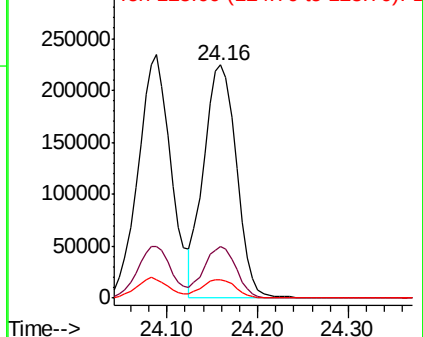


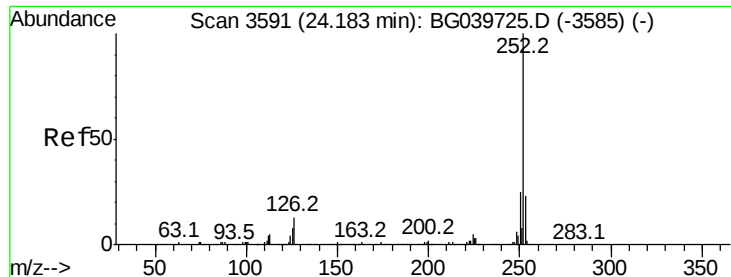
Abundance

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

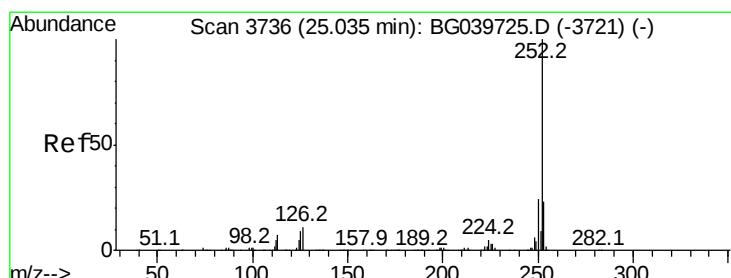
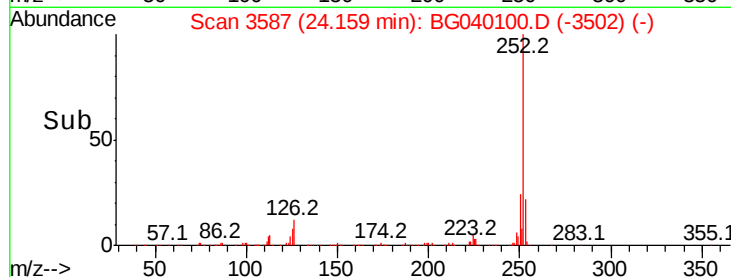
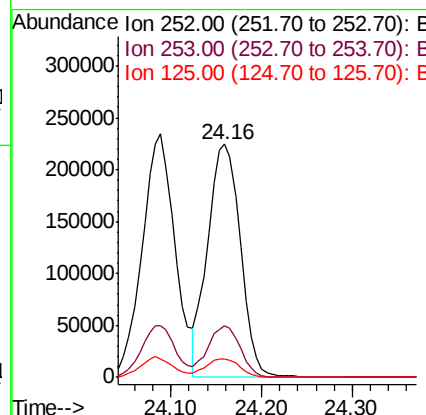
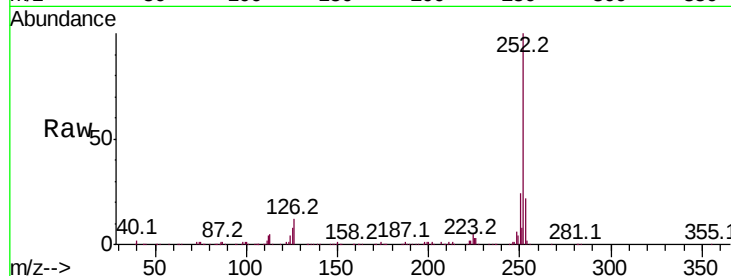




#89
Benzo(k)fluoranthene
Concen: 37.286 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

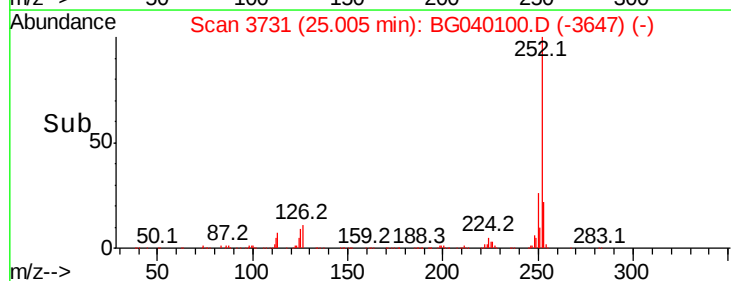
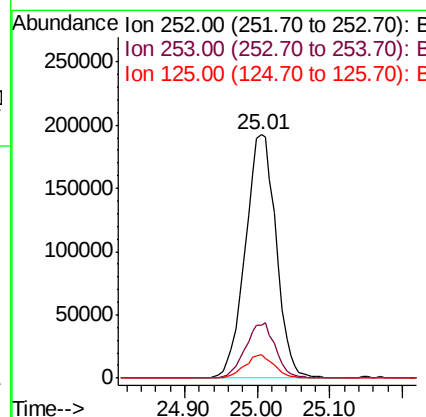
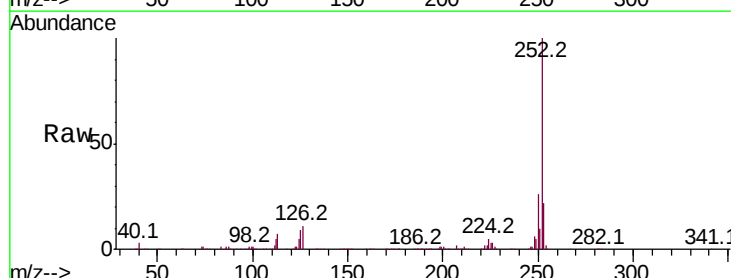
Instrument :
BNA_G
ClientSampleId :

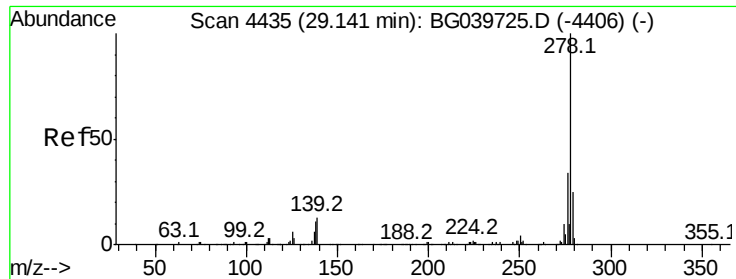
Tot Ion:252 Resp: 562464
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 7.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 37.894 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.04 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion:252 Resp: 567450
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.4 8.3 12.5

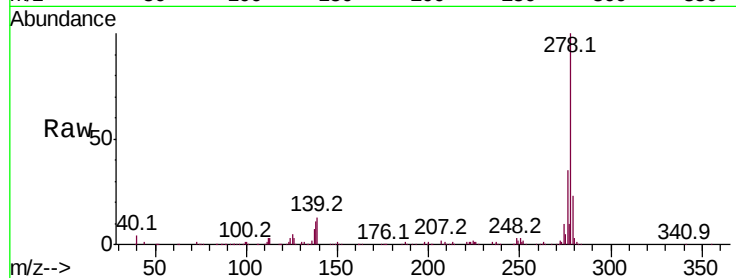




#91
Dibenzo(a,h)anthracene
Concen: 36.485 ng
RT: 29.09 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.7	17.5
279	22.7	19.1	28.7

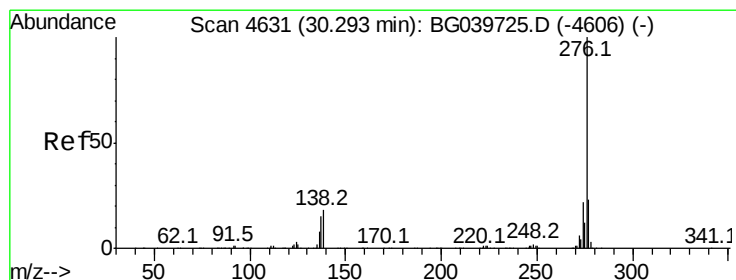
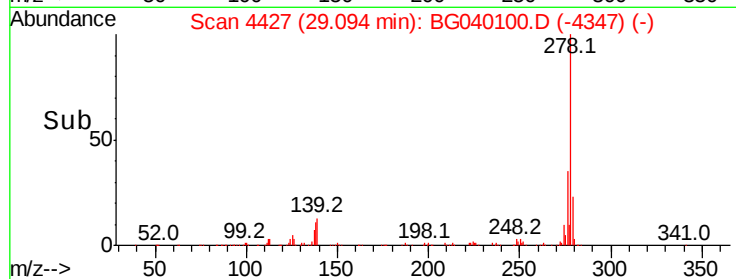
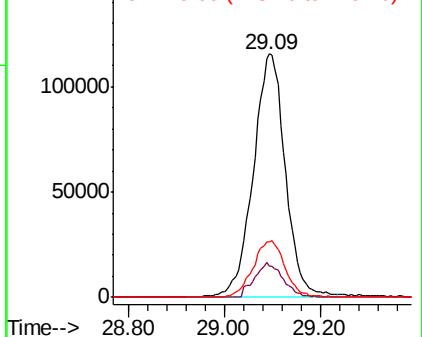


Abundance

Ion 278.00 (277.70 to 278.70): E

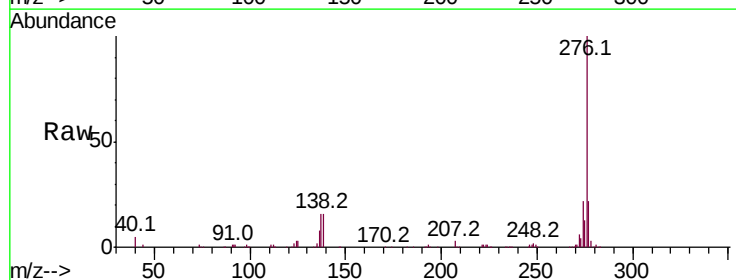
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.611 ng
RT: 30.25 min Scan# 4624
Delta R.T. -0.06 min
Lab File: BG040100.D
Acq: 23 Mar 2019 3:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.6	29.4
138	16.5	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

