

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040098.D
 Acq On : 23 Mar 2019 2:14
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 04:28:52 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	43722	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	204170	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	139672	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	325995	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	318584	20.00	ng	-0.02
87) Perylene-d12	25.17	264	330581	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	200868	78.38	ng	-0.02
7) Phenol-d6	7.29	99	308474	80.72	ng	-0.02
23) Nitrobenzene-d5	9.32	82	304004	80.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	133383	81.93	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	757682	77.24	ng	-0.02
79) Terphenyl-d14	20.11	244	1115661	77.11	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	42923	36.277	ng	90
3) Pyridine	3.98	79	123027	38.839	ng	93
4) n-Nitrosodimethylamine	3.90	42	57741	38.425	ng	87
6) Aniline	7.47	93	197591	39.467	ng	98
8) 2-Chlorophenol	7.70	128	121430	39.055	ng	99
9) Benzaldehyde	7.28	77	81354	33.004	ng	97
10) Phenol	7.32	94	166461	40.211	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	126443	39.175	ng	97
12) 1,3-Dichlorobenzene	8.03	146	136507	38.820	ng	97
13) 1,4-Dichlorobenzene	8.18	146	139656	38.991	ng	99
14) 1,2-Dichlorobenzene	8.50	146	132860	38.391	ng	98
15) Benzyl Alcohol	8.38	79	121902	40.215	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	243264	37.685	ng	97
17) 2-Methylphenol	8.58	107	105862	40.105	ng	99
18) Hexachloroethane	9.22	117	49024	38.145	ng	99
19) n-Nitroso-di-n-propylamine	8.95	70	106155	38.595	ng	89
20) 3+4-Methylphenols	8.91	107	149548	40.782	ng	96
22) Acetophenone	8.98	105	211659	38.625	ng	# 93
24) Nitrobenzene	9.36	77	158122	39.927	ng	95
25) Isophorone	9.88	82	307522	38.878	ng	99
26) 2-Nitrophenol	10.08	139	79638	41.649	ng	96
27) 2,4-Dimethylphenol	10.12	122	119027	40.025	ng	94
28) bis(2-Chloroethoxy)methane	10.36	93	186251	38.747	ng	98
29) 2,4-Dichlorophenol	10.60	162	138576	41.388	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	148472	39.407	ng	94
31) Naphthalene	11.01	128	422958	39.127	ng	100
32) Benzoic acid	10.26	122	68781	35.653	ng	97
33) 4-Chloroaniline	11.13	127	185488	40.465	ng	98
34) Hexachlorobutadiene	11.27	225	103290	40.119	ng	94
35) Caprolactam	11.92	113	49128	38.411	ng	91
36) 4-Chloro-3-methylphenol	12.23	107	155581	40.535	ng	97
37) 2-Methylnaphthalene	12.61	142	318794	39.446	ng	99
38) 1-Methylnaphthalene	12.82	142	311213	39.625	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	189777	40.107	ng	99

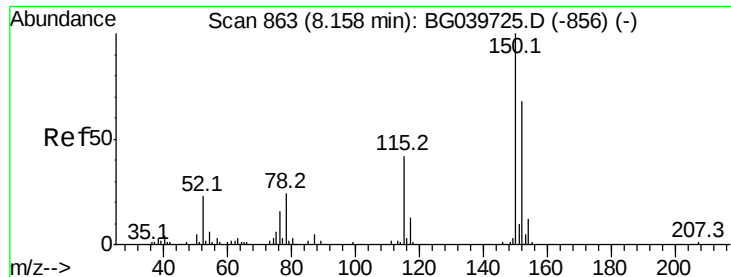
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040098.D
 Acq On : 23 Mar 2019 2:14
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 04:28:52 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)
41) Hexachlorocyclopentadiene	12.93	237	96579	38.087	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	116681	42.120	ng	96
44) 2,4,5-Trichlorophenol	13.28	196	124647	39.919	ng	98
46) 1,1'-Biphenyl	13.61	154	446938	38.905	ng	100
47) 2-Chloronaphthalene	13.65	162	340356	39.383	ng	98
48) 2-Nitroaniline	13.86	65	112353	40.454	ng	91
49) Acenaphthylene	14.50	152	560379	39.499	ng	99
50) Dimethylphthalate	14.22	163	446285	38.212	ng	100
51) 2,6-Dinitrotoluene	14.35	165	101908	41.159	ng	95
52) Acenaphthene	14.83	154	337429	39.517	ng	99
53) 3-Nitroaniline	14.69	138	97040	38.990	ng	# 97
54) 2,4-Dinitrophenol	14.89	184	66691	45.162	ng	99
55) Dibenzofuran	15.17	168	550134	39.268	ng	99
56) 4-Nitrophenol	14.98	139	78023	35.044	ng	92
57) 2,4-Dinitrotoluene	15.13	165	142331	40.912	ng	# 86
58) Fluorene	15.81	166	427972	38.859	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	124665	40.880	ng	98
60) Diethylphthalate	15.57	149	447881	38.739	ng	97
61) 4-Chlorophenyl-phenylether	15.80	204	227247	38.667	ng	97
62) 4-Nitroaniline	15.85	138	102948	38.154	ng	93
63) Azobenzene	16.09	77	406580	38.795	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	77984	40.459	ng	97
66) n-Nitrosodiphenylamine	16.01	169	384307	40.721	ng	95
67) 4-Bromophenyl-phenylether	16.70	248	149509	40.973	ng	95
68) Hexachlorobenzene	16.81	284	155259	41.048	ng	95
69) Atrazine	16.95	200	138366	37.252	ng	96
70) Pentachlorophenol	17.16	266	104377	43.695	ng	98
71) Phenanthrene	17.56	178	700366	39.004	ng	100
72) Anthracene	17.65	178	691902	39.542	ng	99
73) Carbazole	17.92	167	604649	38.330	ng	98
74) Di-n-butylphthalate	18.45	149	721011	38.847	ng	99
75) Fluoranthene	19.56	202	800335	37.714	ng	98
77) Benzidine	19.74	184	312576	30.919	ng	99
78) Pyrene	19.93	202	807605	39.011	ng	99
80) Butylbenzylphthalate	20.78	149	323321	40.312	ng	96
81) Benzo(a)anthracene	21.78	228	777752	38.953	ng	98
82) 3,3'-Dichlorobenzidine	21.69	252	275761	37.829	ng	98
83) Chrysene	21.85	228	749119	38.700	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	450277	39.951	ng	100
85) Di-n-octyl phthalate	22.90	149	759614	40.705	ng	94
86) Indeno(1,2,3-cd)pyrene	29.04	276	881322	40.134	ng	# 96
88) Benzo(b)fluoranthene	24.09	252	778652	39.499	ng	98
89) Benzo(k)fluoranthene	24.16	252	707805	38.572	ng	99
90) Benzo(a)pyrene	25.01	252	729612	40.053	ng	98
91) Dibenzo(a,h)anthracene	29.10	278	703739	39.407	ng	97
92) Benzo(g,h,i)perylene	30.26	276	711554	39.673	ng	96

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

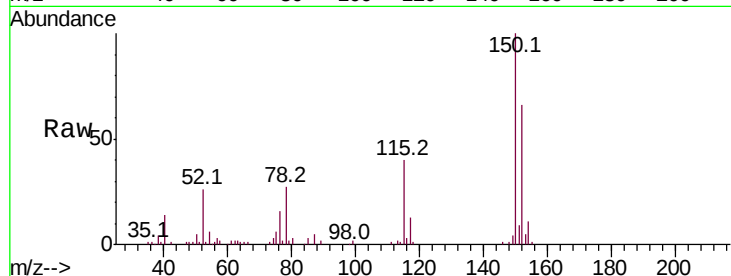


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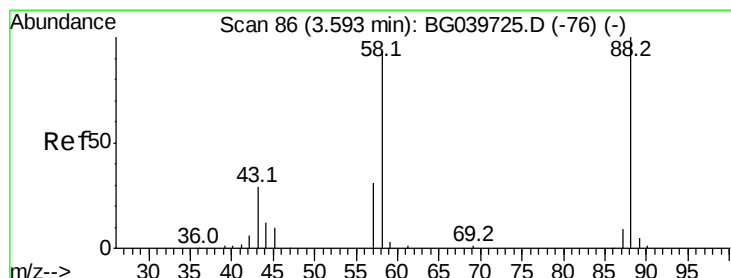
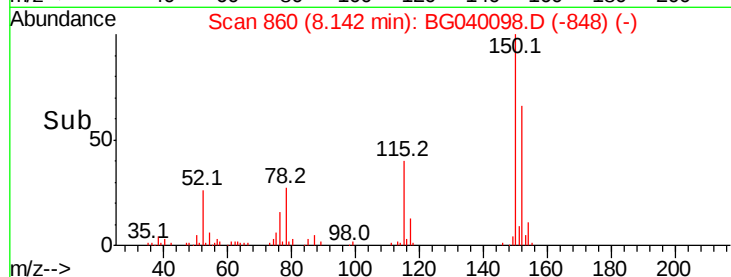
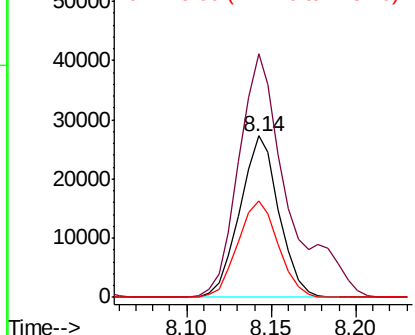
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43722
Ion Ratio Lower Upper
152 100
150 151.0 123.7 185.5
115 60.1 45.9 68.9



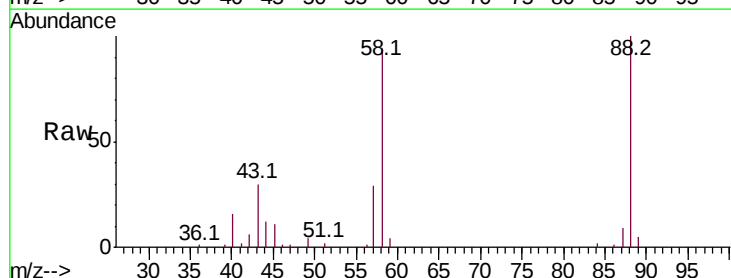
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



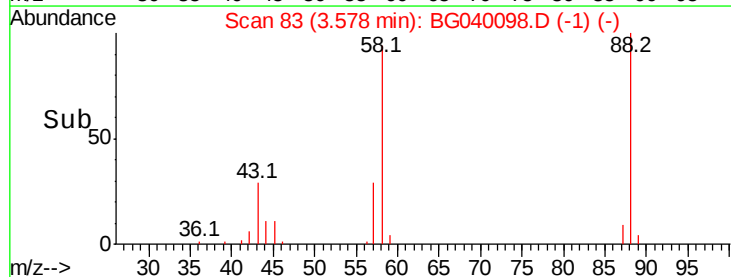
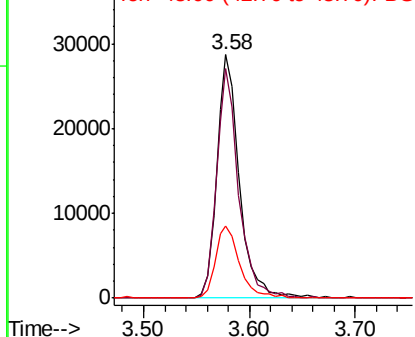
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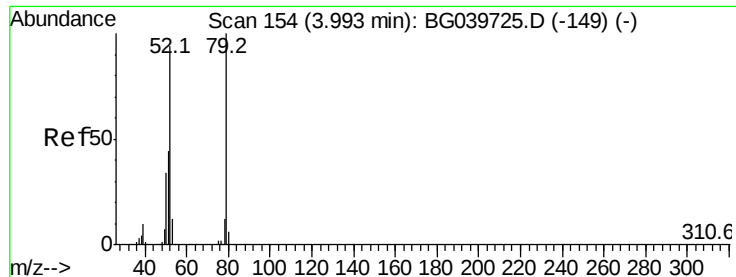
1,4-Dioxane
Concen: 36.277 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion: 88 Resp: 42923
Ion Ratio Lower Upper
88 100
58 92.2 81.1 121.7
43 31.6 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: 38.839 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampleId :

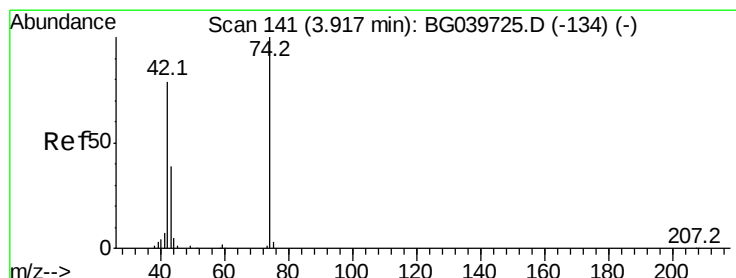
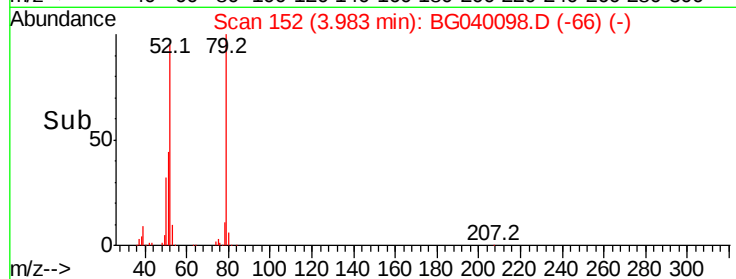
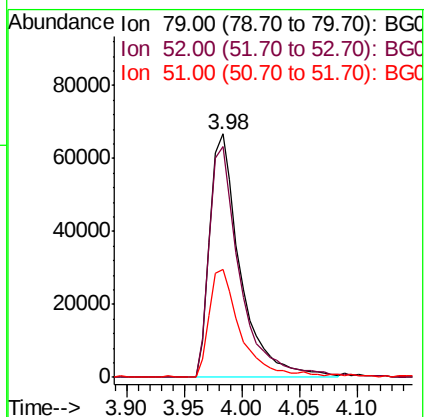
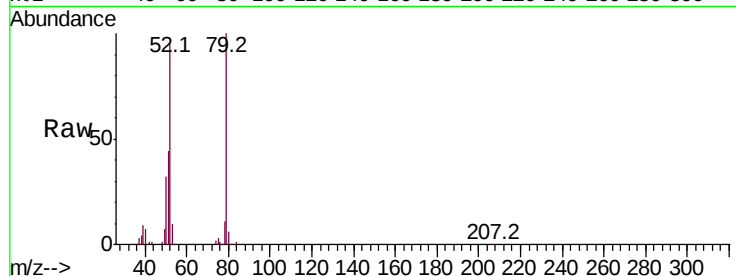
Tot Ion: 79 Resp: 123027

Ion Ratio Lower Upper

79 100

52 94.8 82.6 124.0

51 44.3 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.425 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

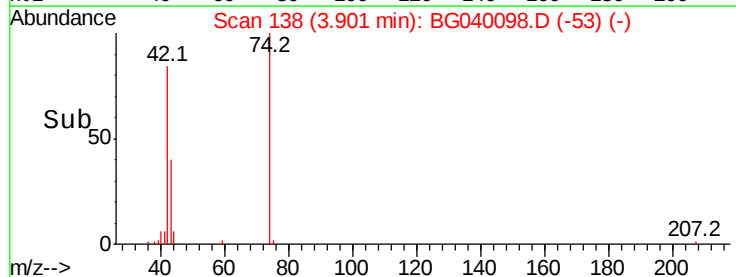
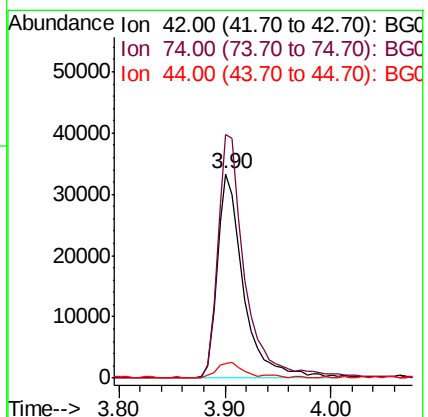
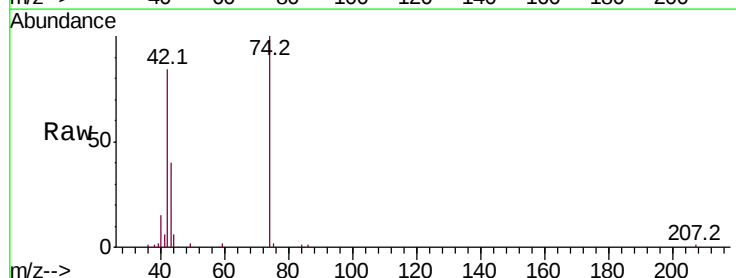
Tgt Ion: 42 Resp: 57741

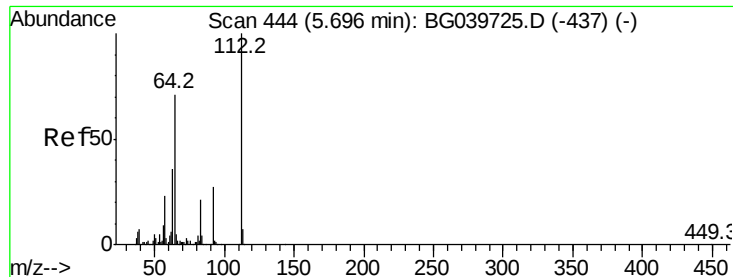
Ion Ratio Lower Upper

42 100

74 119.1 83.6 125.4

44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 78.378 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampleId :

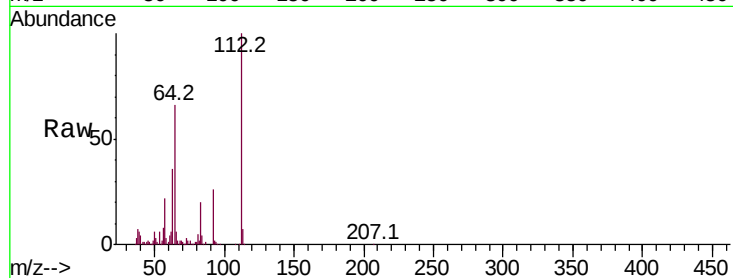
Tot Ion:112 Resp: 200868

Ion Ratio Lower Upper

112 100

64 65.8 57.8 86.8

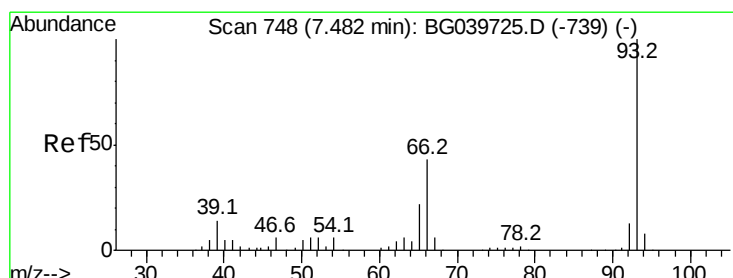
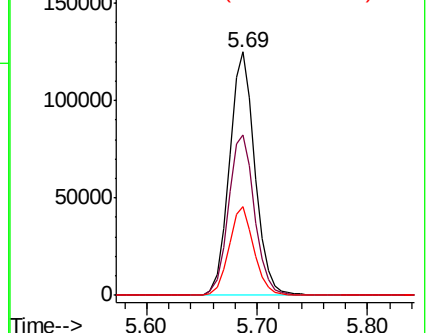
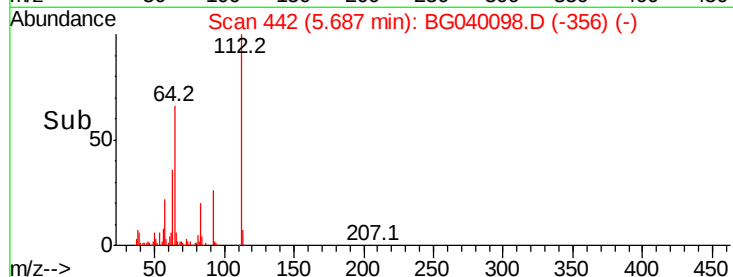
63 36.5 29.8 44.6



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: 39.467 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

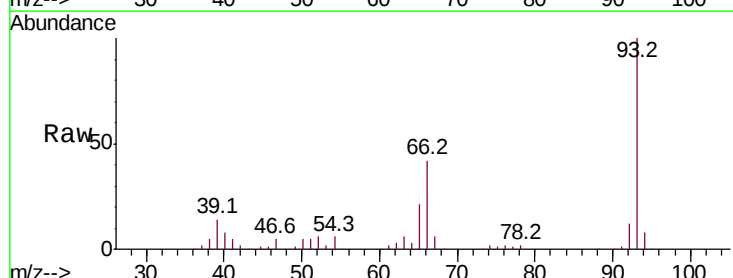
Tgt Ion: 93 Resp: 197591

Ion Ratio Lower Upper

93 100

66 41.7 34.2 51.4

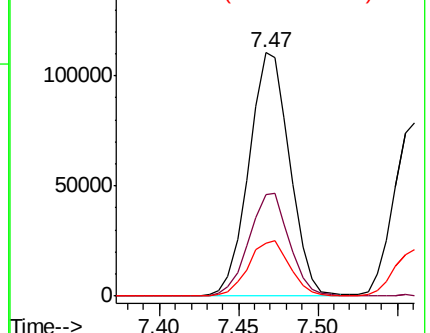
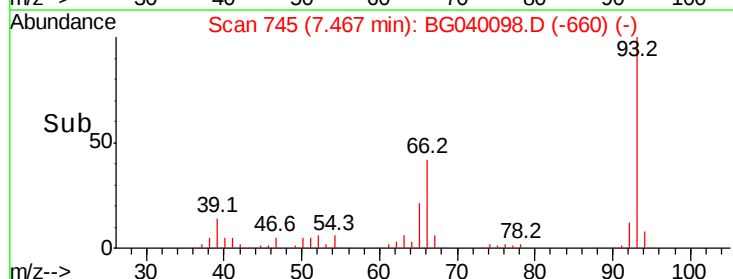
65 21.5 17.7 26.5

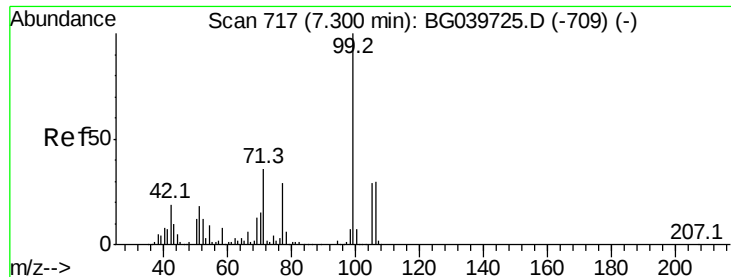


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.724 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampled :

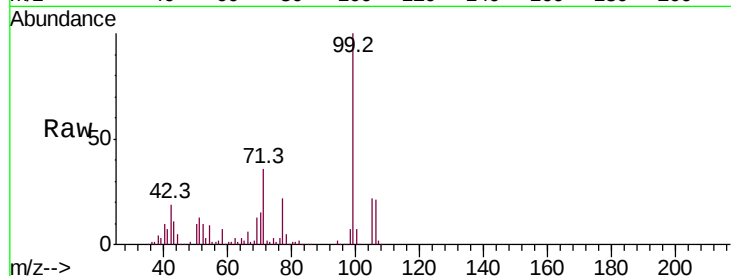
Tot Ion: 99 Resp: 308474

Ion Ratio Lower Upper

99 100

42 19.0 18.2 27.2

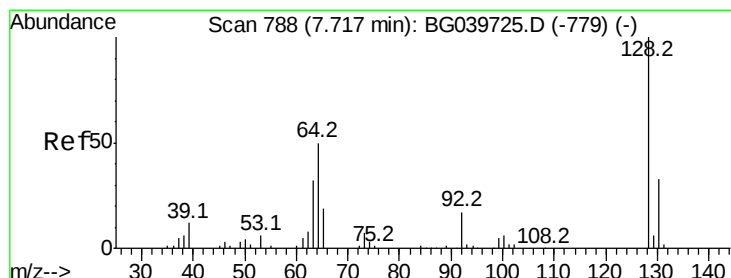
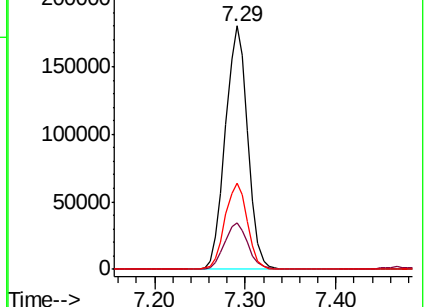
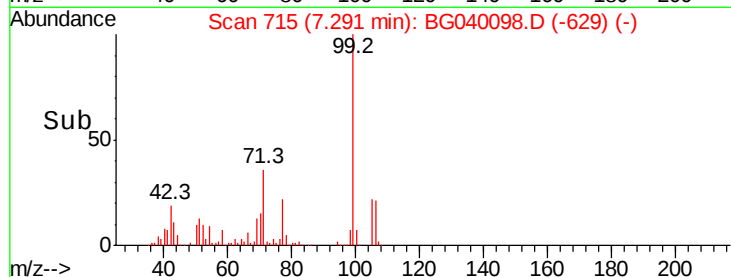
71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BG039725.D (-709) (-)

Ion 42.00 (41.70 to 42.70): BG039725.D (-709) (-)

Ion 71.00 (70.70 to 71.70): BG039725.D (-709) (-)



#8

2-Chlorophenol

Concen: 39.055 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

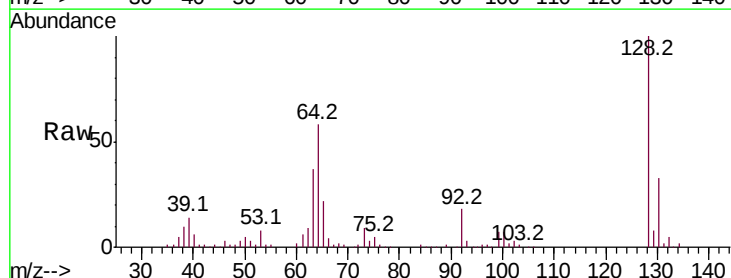
Tgt Ion: 128 Resp: 121430

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

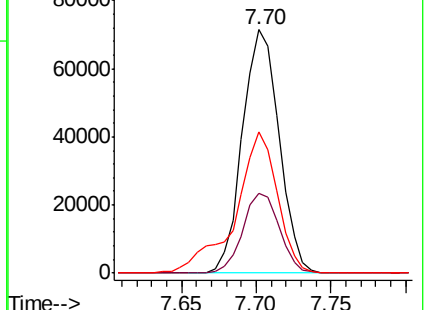
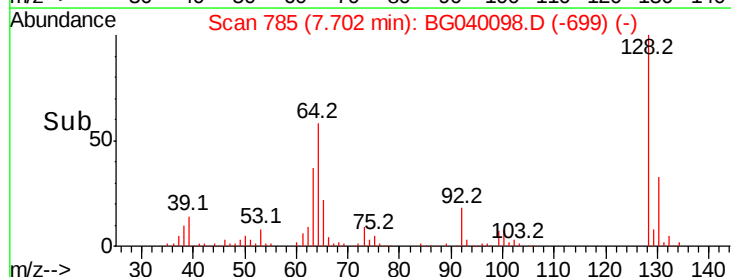
64 58.2 38.7 78.7

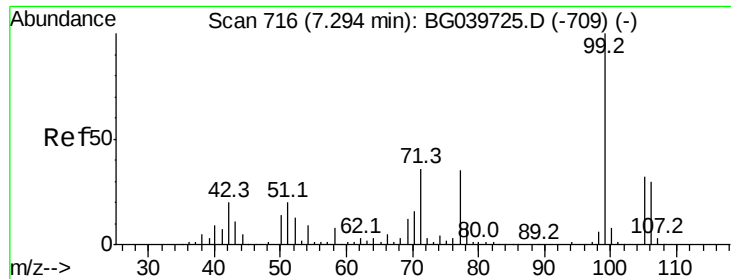


Abundance Ion 128.00 (127.70 to 128.70): BG039725.D (-779) (-)

Ion 130.00 (129.70 to 130.70): BG039725.D (-779) (-)

Ion 64.00 (63.70 to 64.70): BG039725.D (-779) (-)

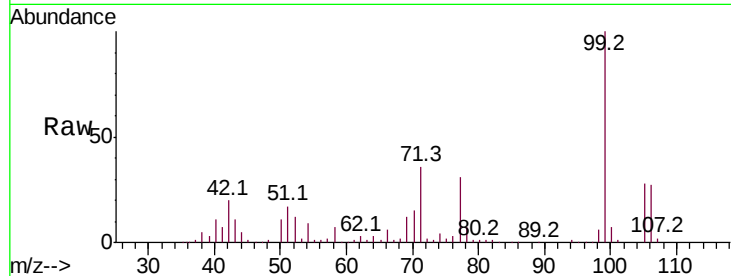




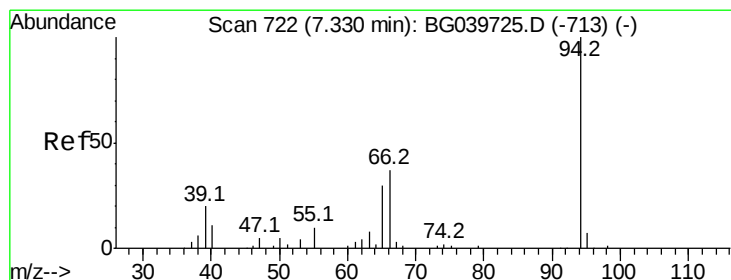
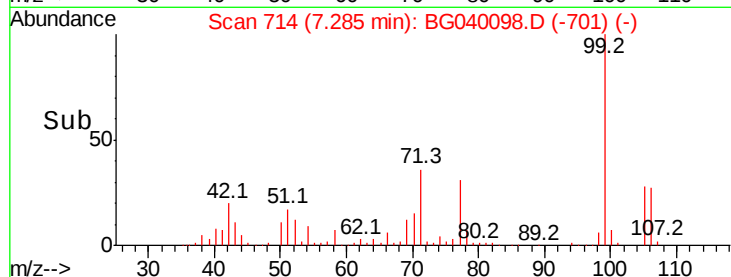
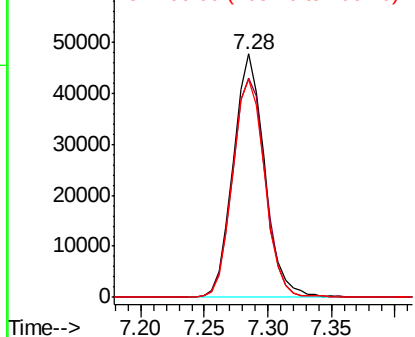
#9
Benzaldehyde
Concen: 33.004 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 81354
Ion Ratio Lower Upper
77 100
105 90.1 74.5 114.5
106 89.5 68.0 108.0

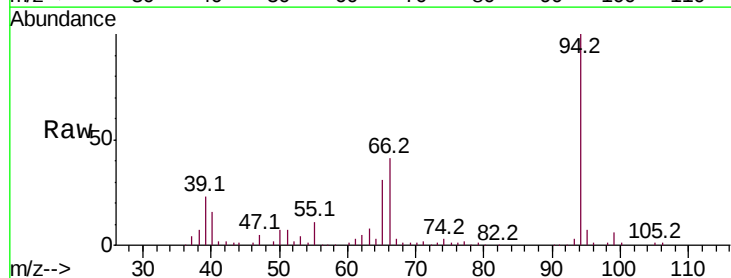


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

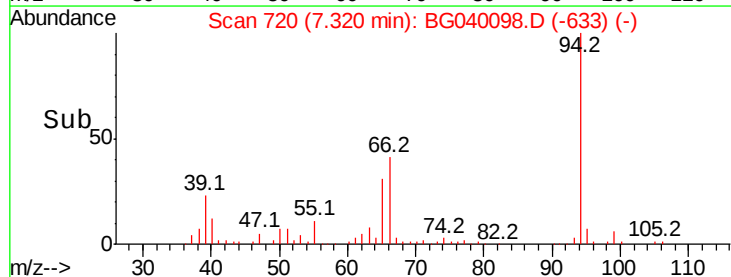
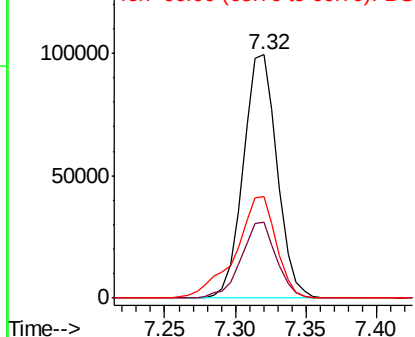


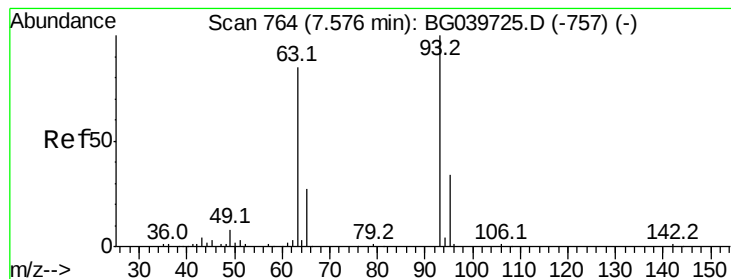
#10
Phenol
Concen: 40.211 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion: 94 Resp: 166461
Ion Ratio Lower Upper
94 100
65 31.3 11.7 51.7
66 41.5 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: 39.175 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampled :

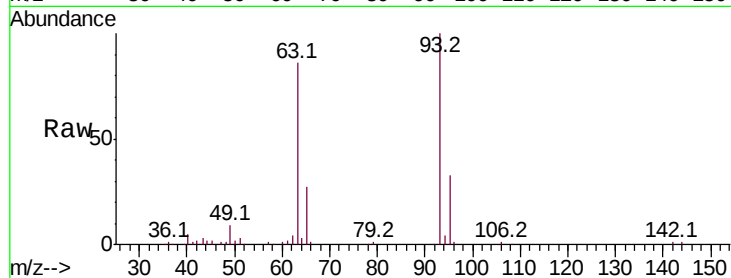
Tot Ion: 93 Resp: 126443

Ion Ratio Lower Upper

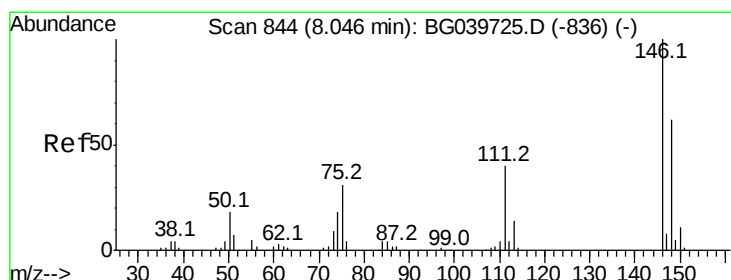
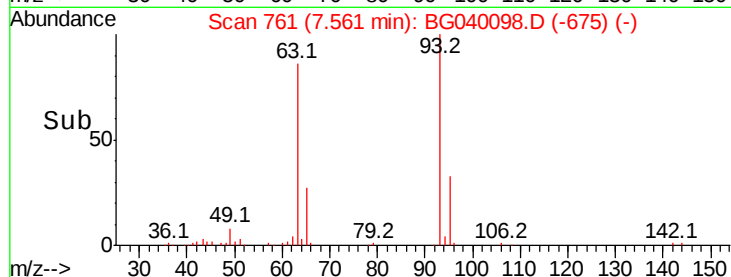
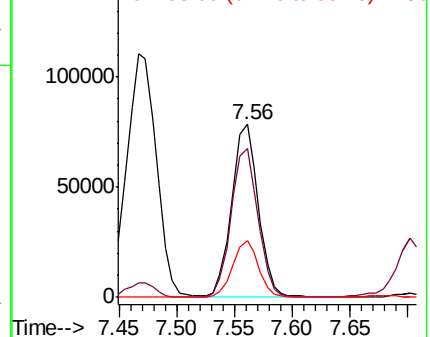
93 100

63 85.9 69.5 109.5

95 33.1 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: 38.820 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

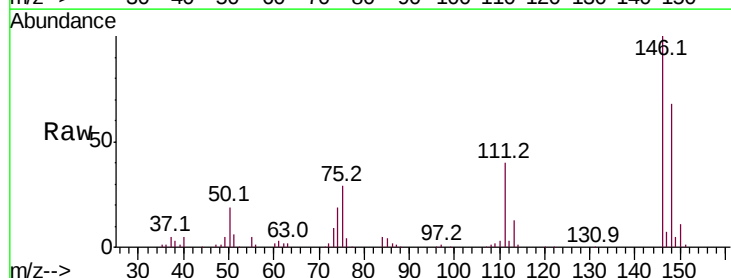
Tgt Ion: 146 Resp: 136507

Ion Ratio Lower Upper

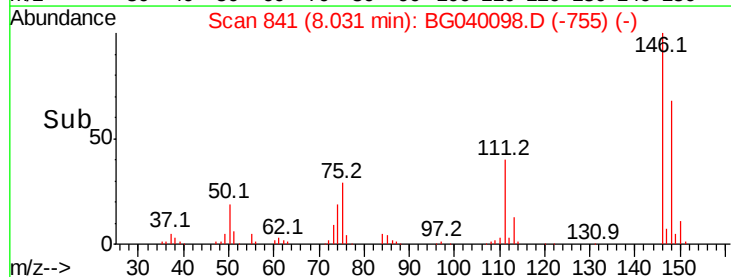
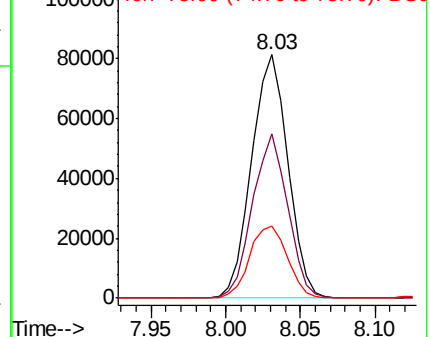
146 100

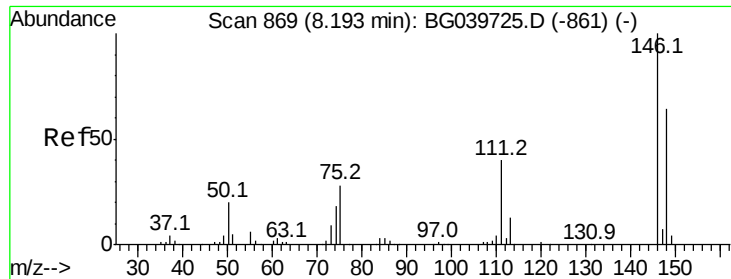
148 67.7 52.6 79.0

75 29.4 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

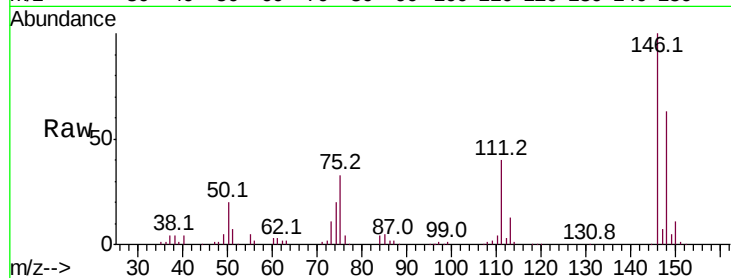




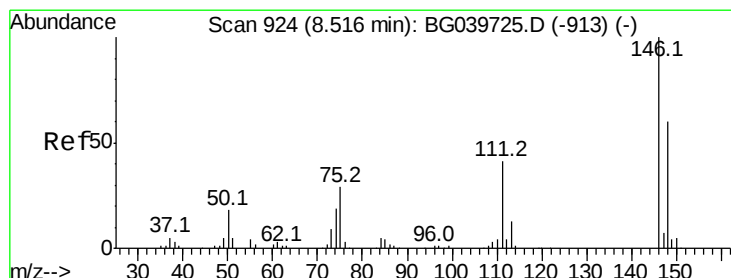
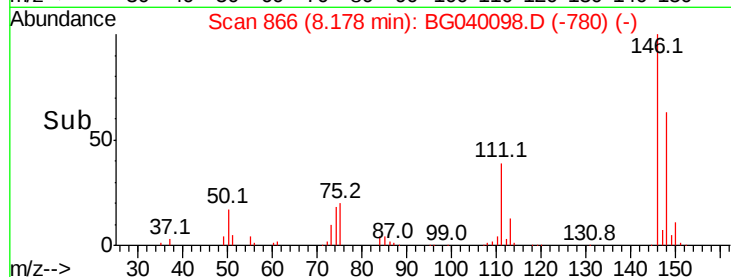
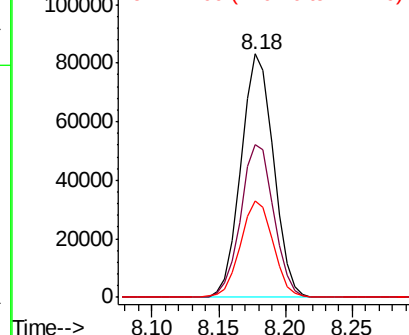
#13
 1,4-Dichlorobenzene
 Concen: 38.991 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 139656
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.1 76.7
 111 39.7 32.6 48.8

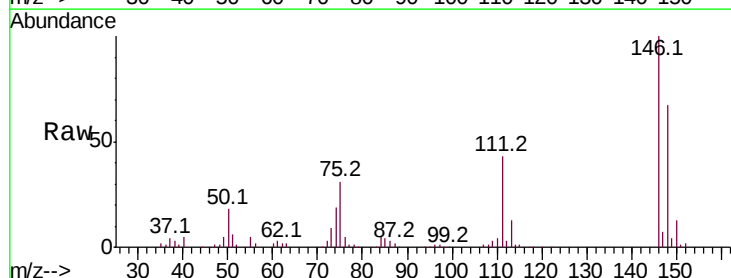


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

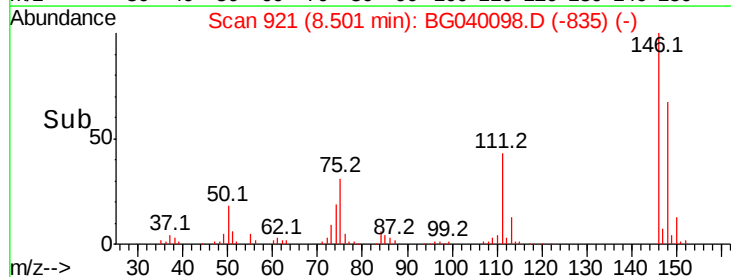
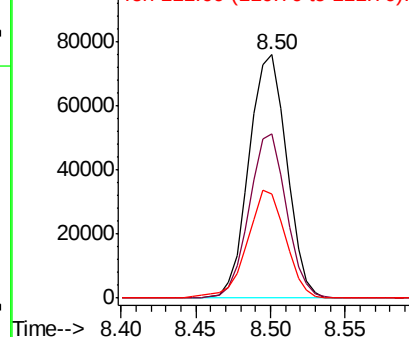


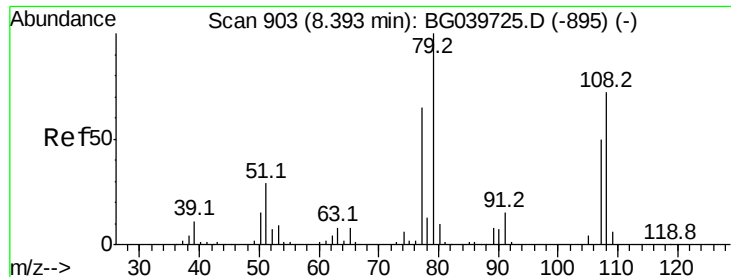
#14
 1,2-Dichlorobenzene
 Concen: 38.391 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Tgt Ion:146 Resp: 132860
 Ion Ratio Lower Upper
 146 100
 148 67.3 51.5 77.3
 111 42.7 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: 40.215 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampleId :

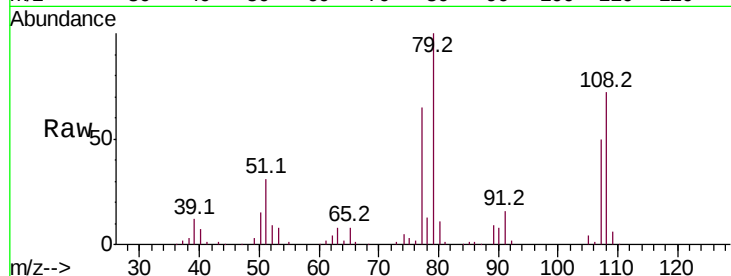
Tot Ion: 79 Resp: 121902

Ion Ratio Lower Upper

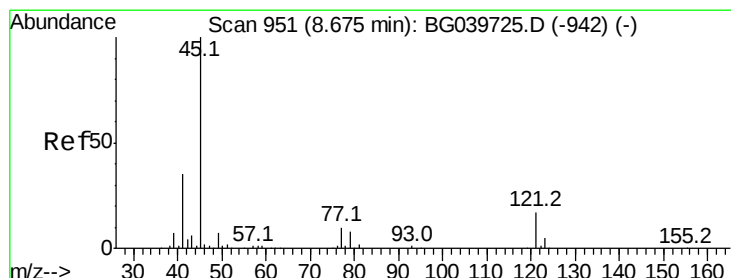
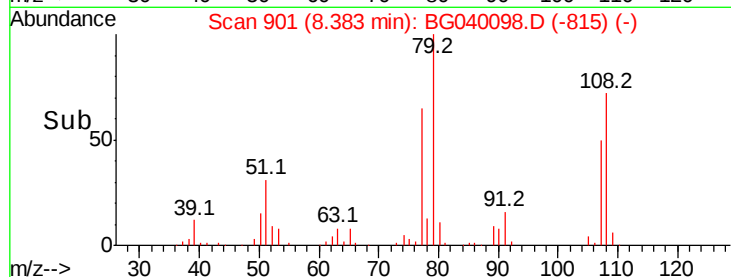
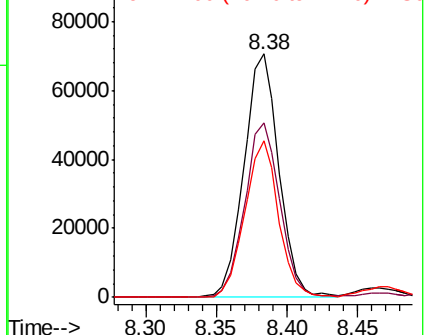
79 100

108 71.9 57.8 86.6

77 64.5 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: 37.685 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

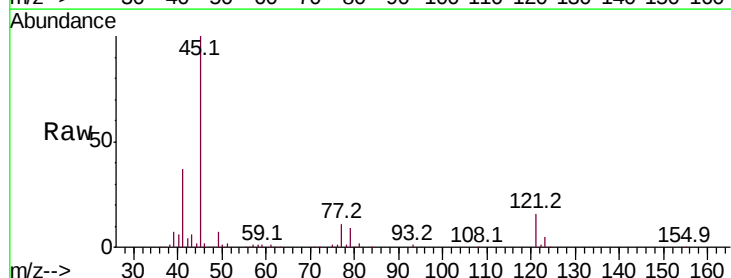
Tgt Ion: 45 Resp: 243264

Ion Ratio Lower Upper

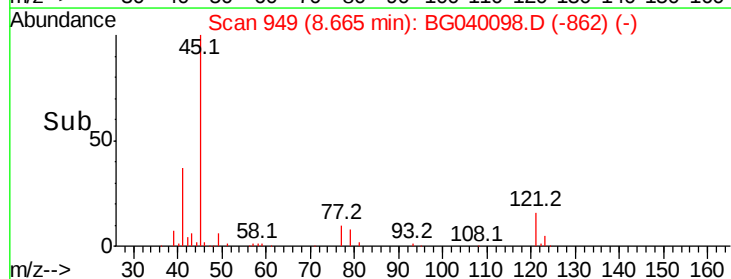
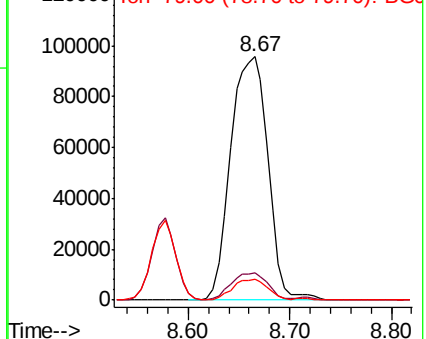
45 100

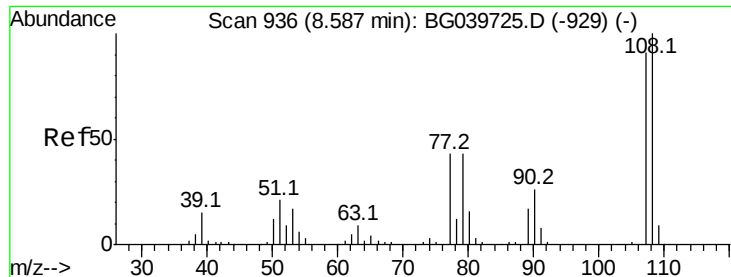
77 11.1 0.0 30.0

79 8.8 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

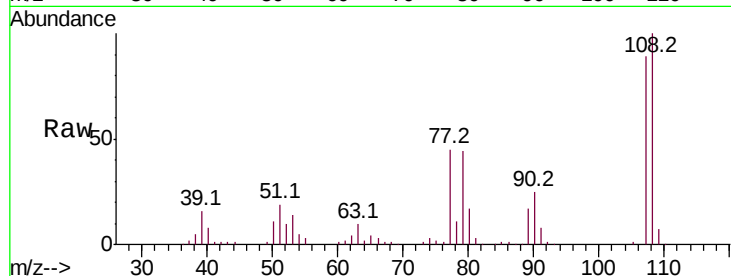




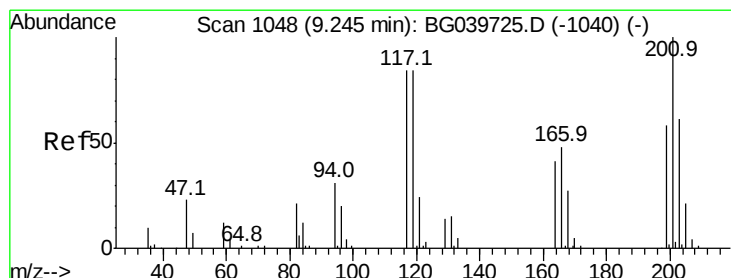
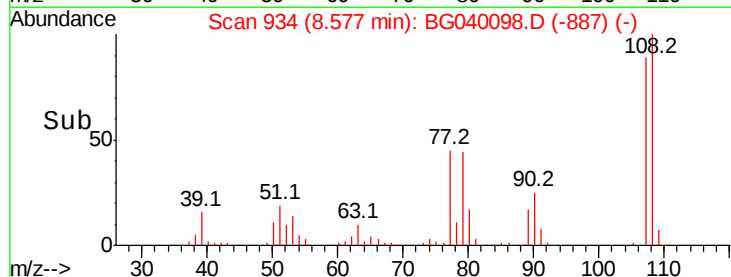
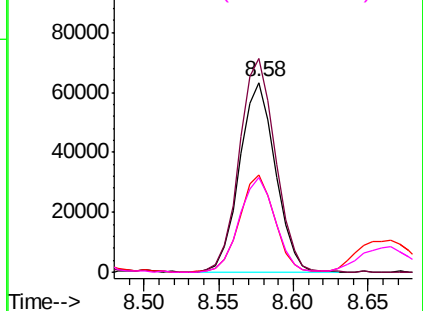
#17
2-Methylphenol
Concen: 40.105 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	105862
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.8	136.2
77	50.9	40.7	61.1
79	49.6	40.6	60.8

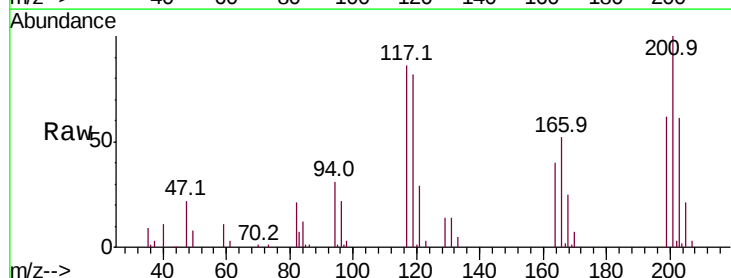


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

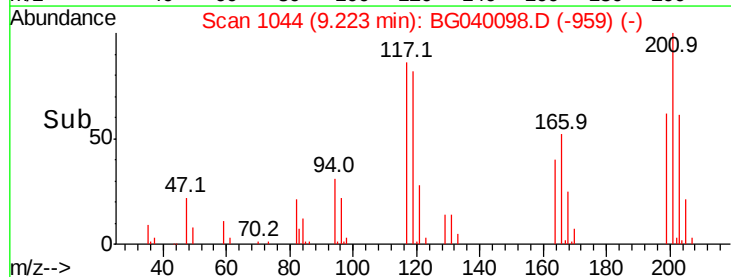
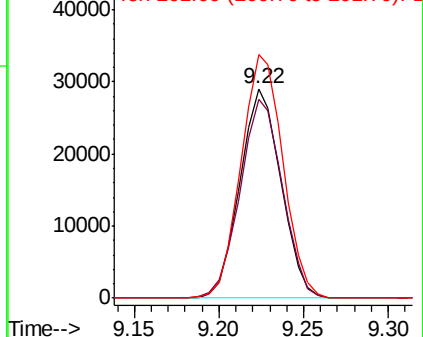


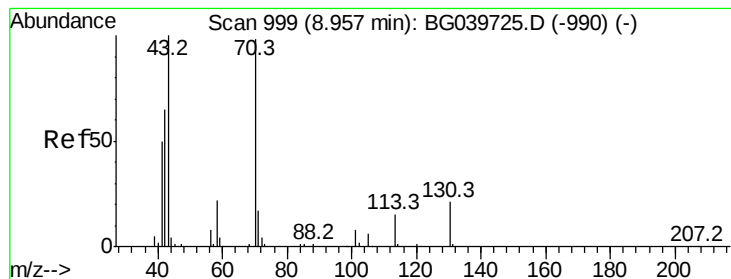
#18
Hexachloroethane
Concen: 38.145 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion:	117	Resp:	49024
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.3	114.5
201	116.1	91.1	136.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 38.595 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 106155

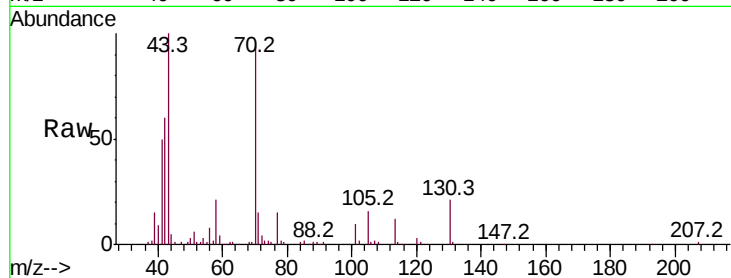
Ion Ratio Lower Upper

70 100

42 63.2 60.4 90.6

101 11.0 7.5 11.3

130 22.2 16.9 25.3

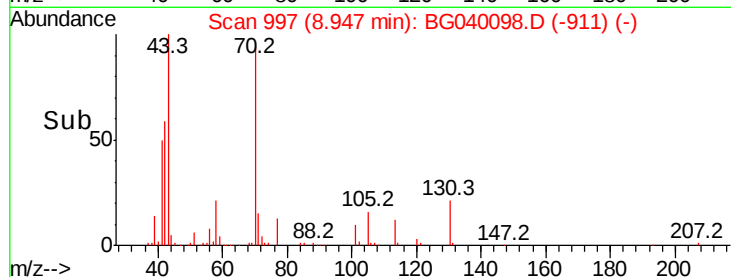
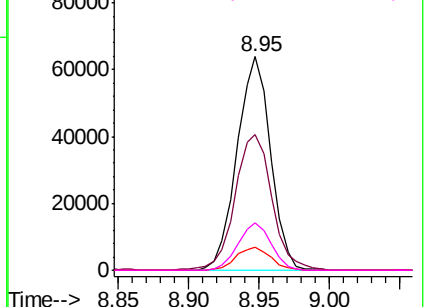


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 40.782 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Tgt Ion: 107 Resp: 149548

Ion Ratio Lower Upper

107 100

108 92.0 67.9 107.9

77 36.0 15.4 55.4

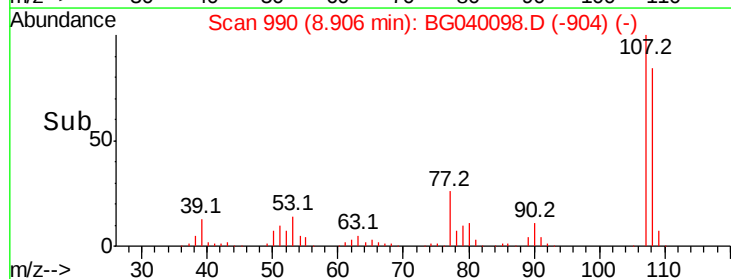
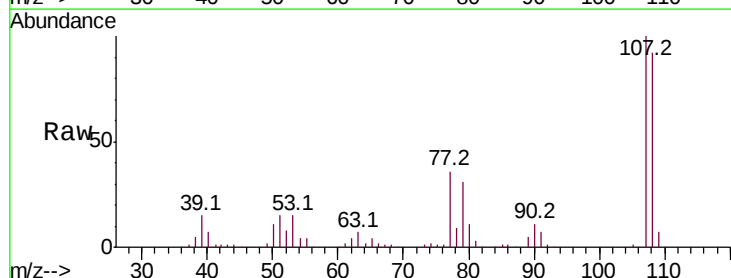
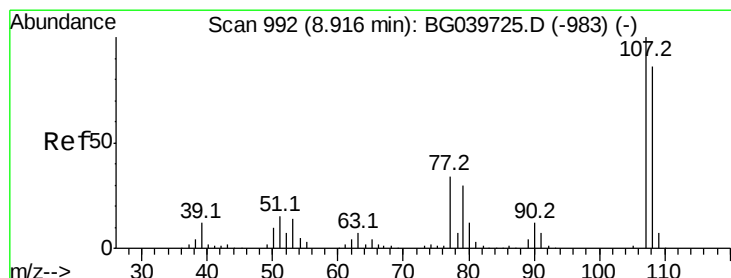
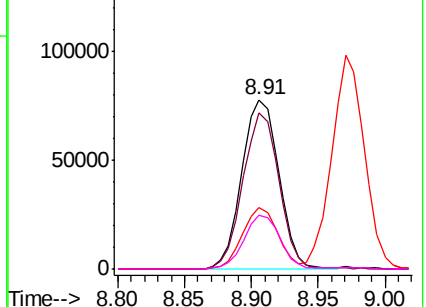
79 31.5 13.7 53.7

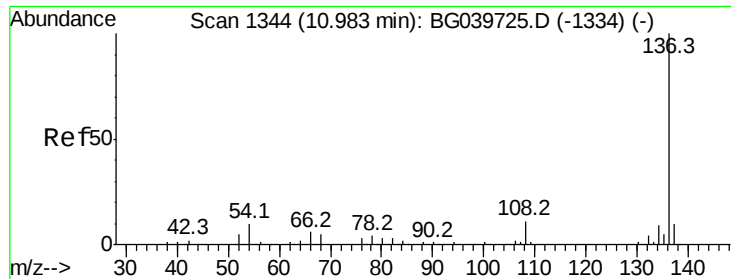
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

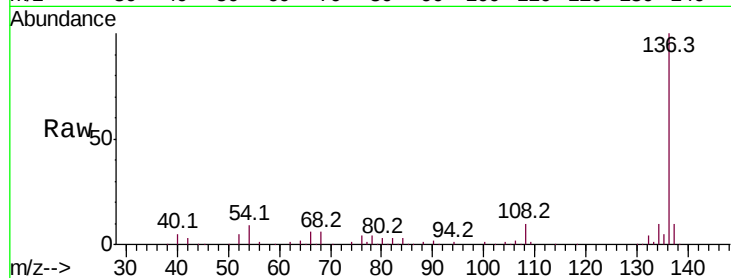




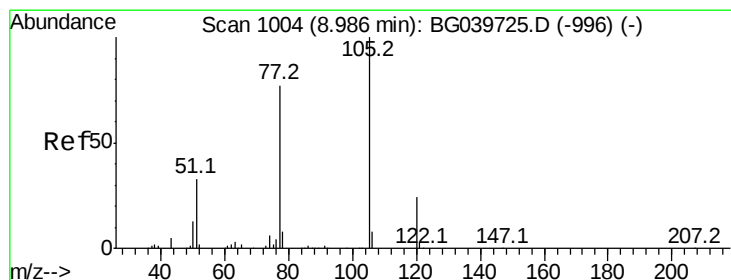
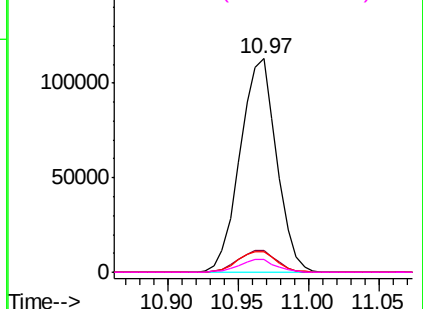
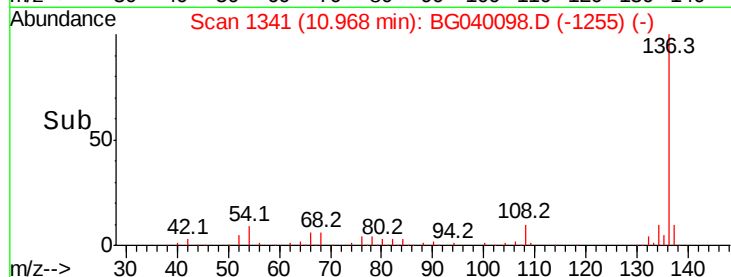
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	204170
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.1	13.7
54	9.4	9.4	14.2
68	6.1	4.2	6.4

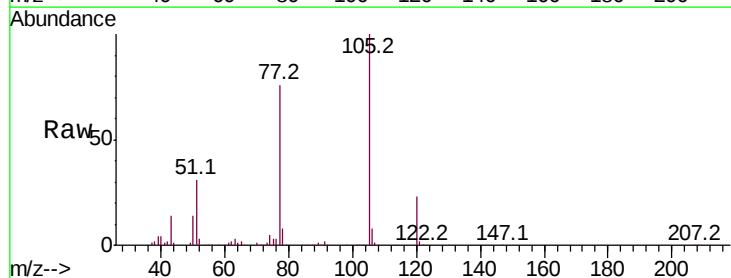


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

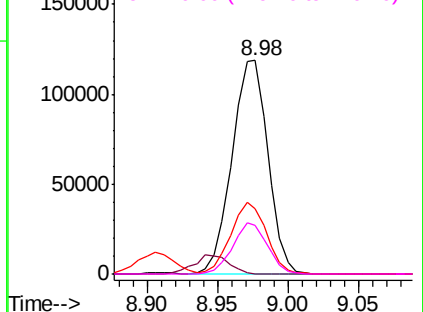
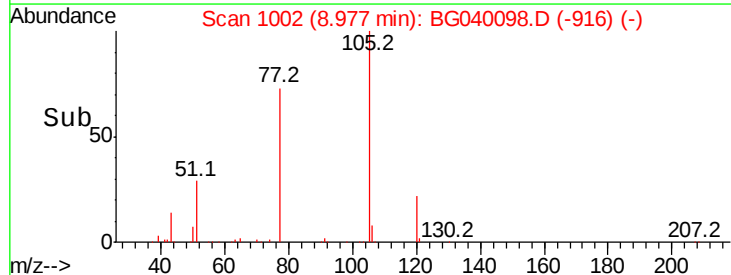


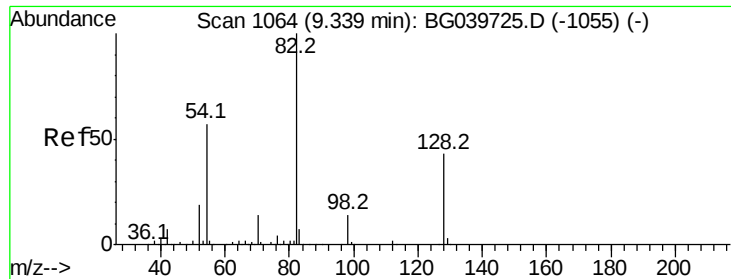
#22
Acetophenone
Concen: 38.625 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion:	105	Resp:	211659
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	30.8	30.2	45.2
120	22.7	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

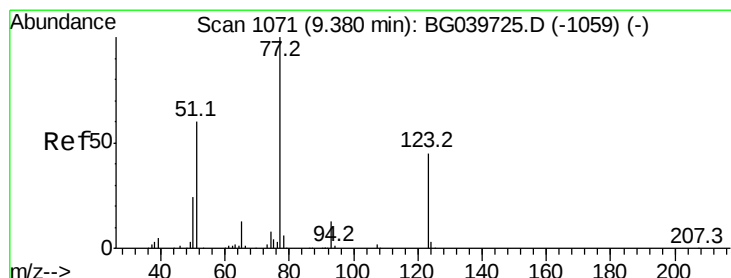
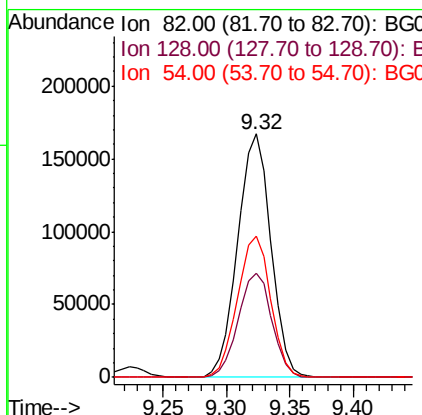
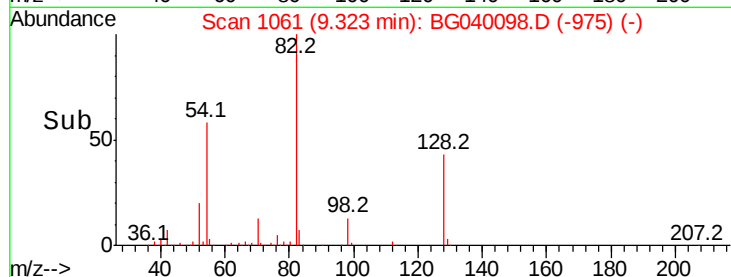
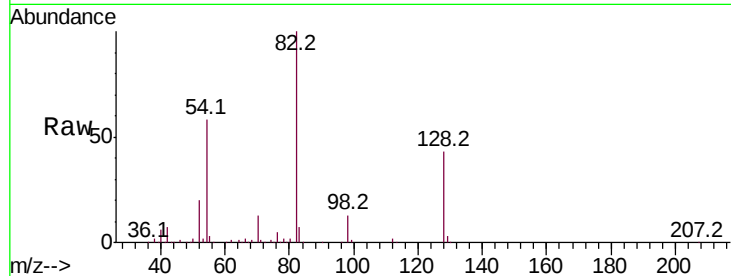




#23
Nitrobenzene-d5
Concen: 80.530 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

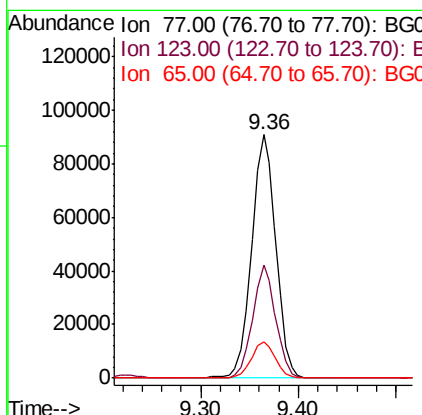
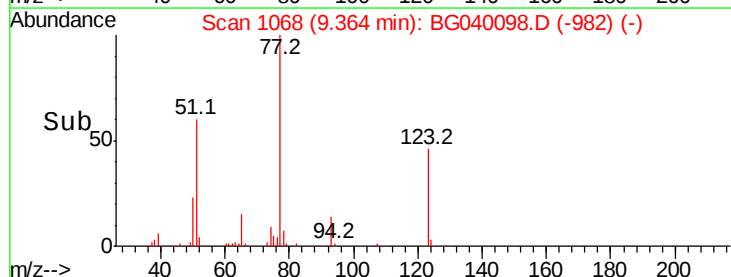
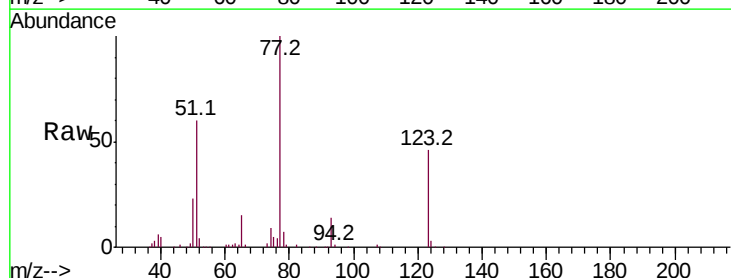
Instrument :
BNA_G
ClientSampleId :

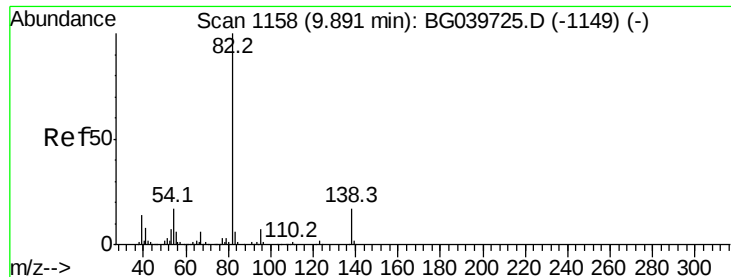
Tot Ion: 82 Resp: 304004
Ion Ratio Lower Upper
82 100
128 43.0 31.3 46.9
54 58.1 50.9 76.3



#24
Nitrobenzene
Concen: 39.927 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion: 77 Resp: 158122
Ion Ratio Lower Upper
77 100
123 46.3 34.1 51.1
65 15.0 12.3 18.5





#25

Isophorone

Concen: 38.878 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampleId :

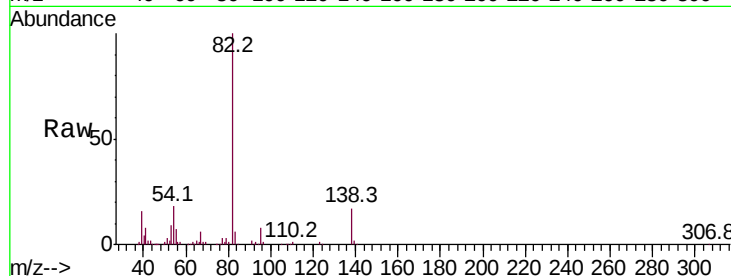
Tot Ion: 82 Resp: 307522

Ion Ratio Lower Upper

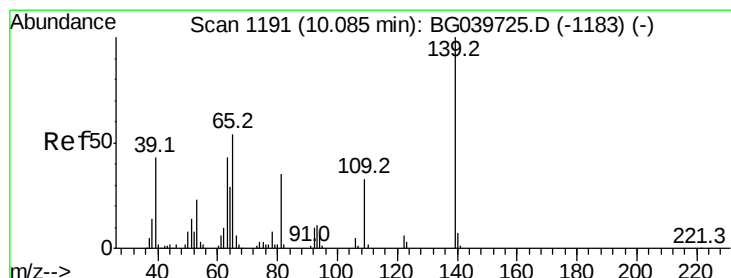
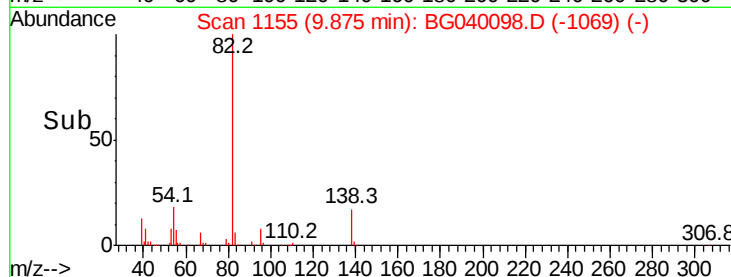
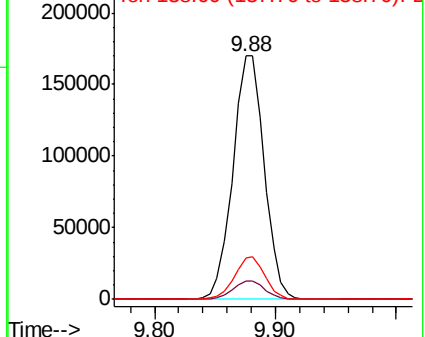
82 100

95 7.5 6.2 9.2

138 17.0 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: 41.649 ng

RT: 10.08 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

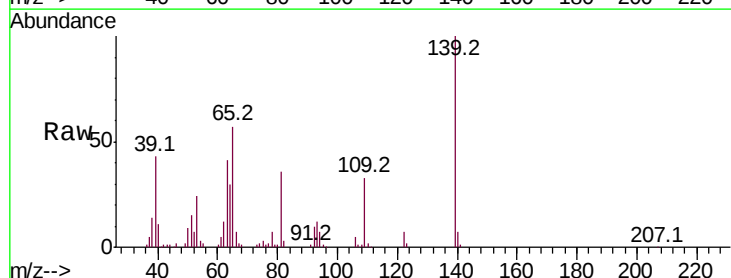
Tgt Ion: 139 Resp: 79638

Ion Ratio Lower Upper

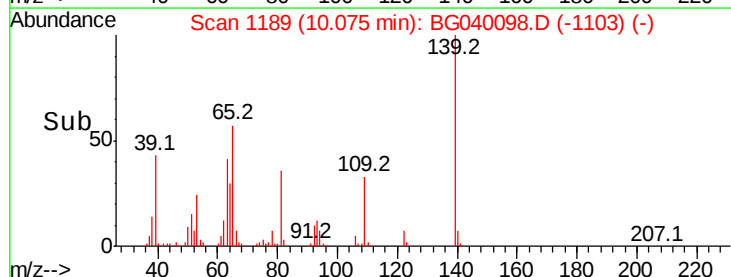
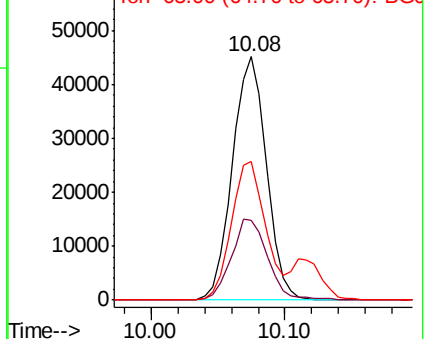
139 100

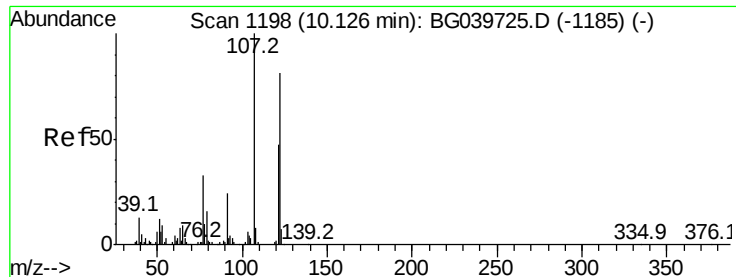
109 32.9 23.4 35.0

65 56.8 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: 40.025 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampled :

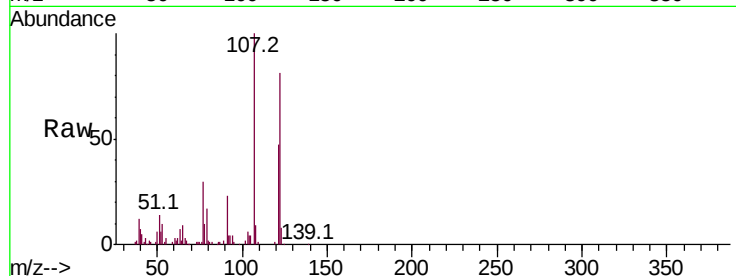
Tot Ion:122 Resp: 119027

Ion Ratio Lower Upper

122 100

107 124.2 91.7 137.5

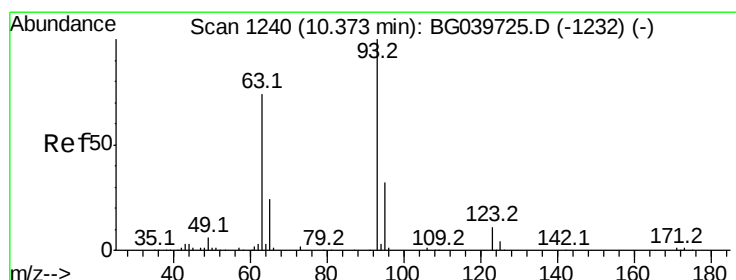
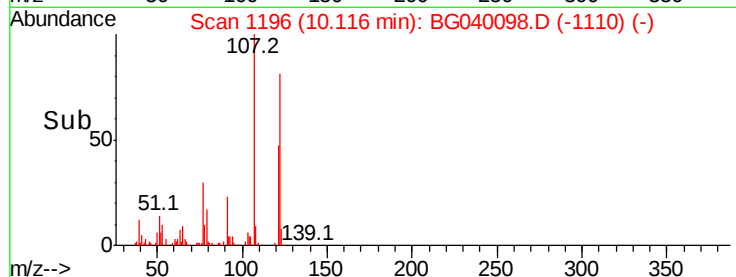
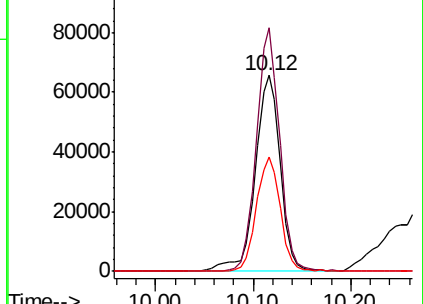
121 58.5 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.747 ng

RT: 10.36 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

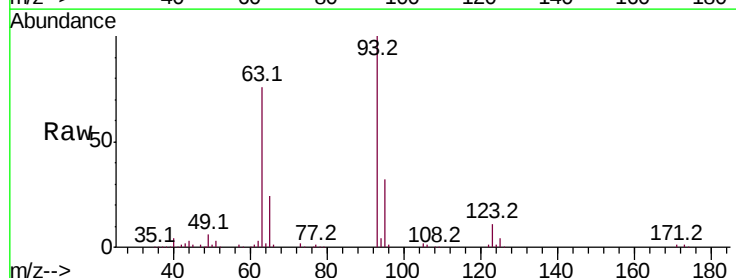
Tgt Ion: 93 Resp: 186251

Ion Ratio Lower Upper

93 100

95 32.4 25.0 37.4

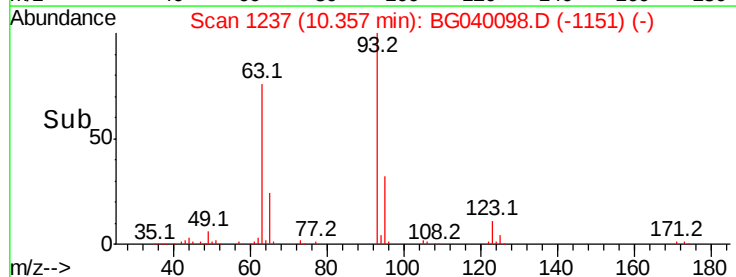
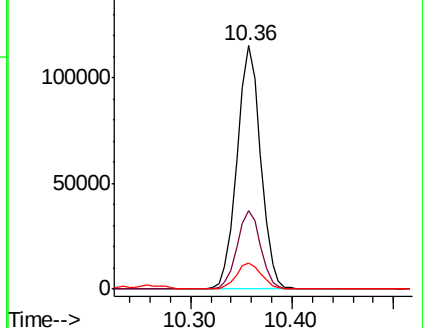
123 10.9 8.6 12.8

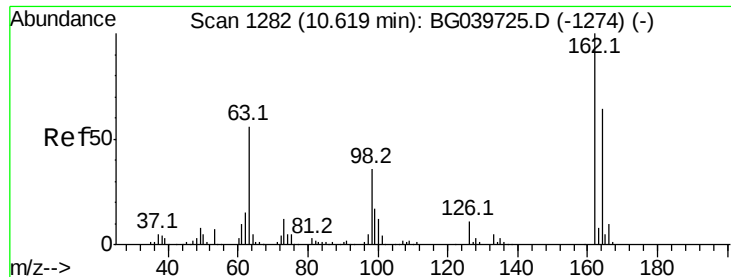


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

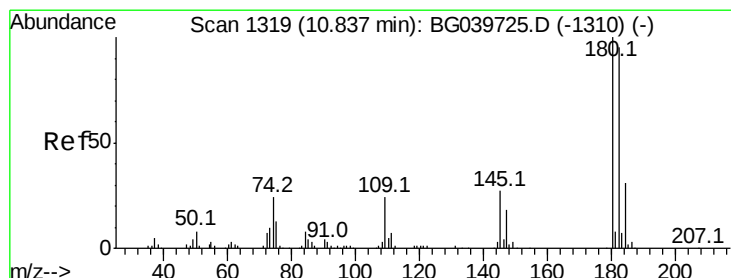
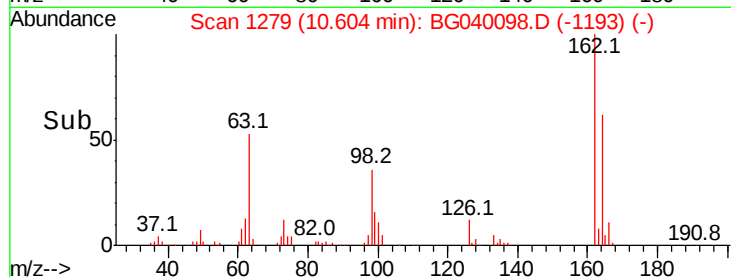
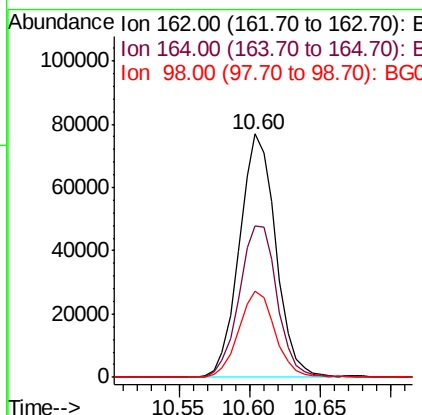
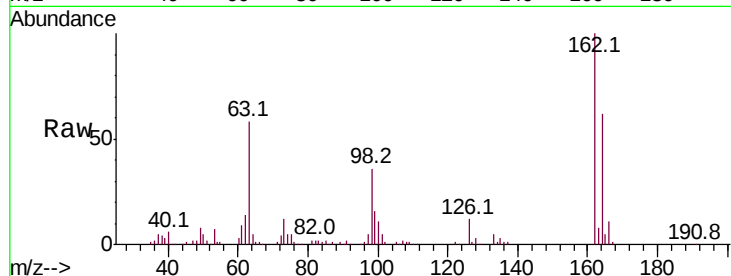




#29
 2,4-Dichlorophenol
 Concen: 41.388 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

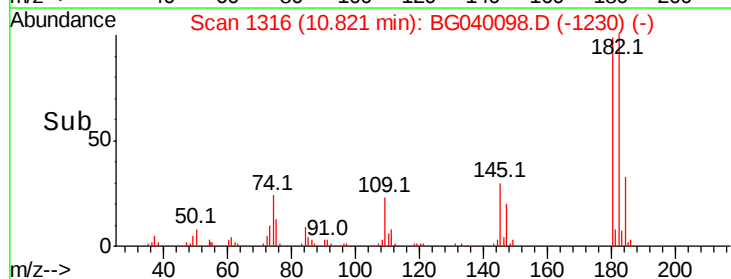
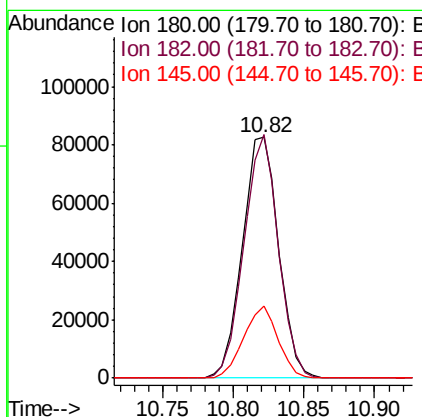
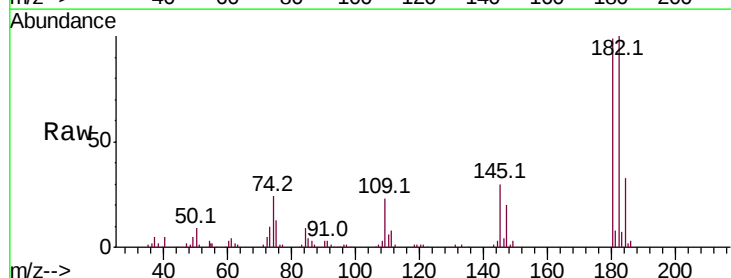
Instrument :
 BNA_G
 ClientSampleId :

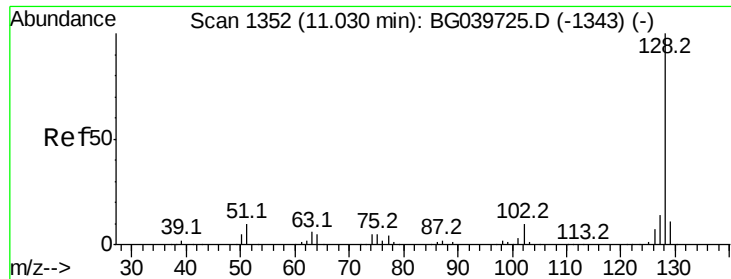
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	48.1	88.1
98	35.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.407 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.1	76.0	114.0
145	30.2	22.7	34.1

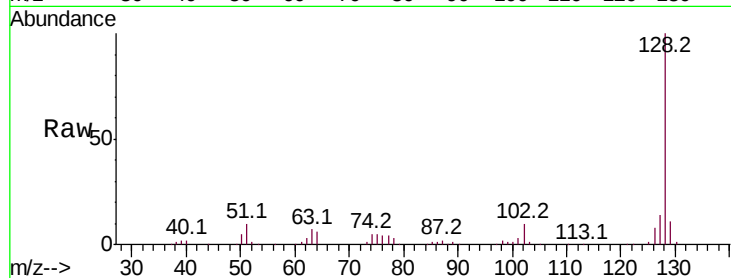




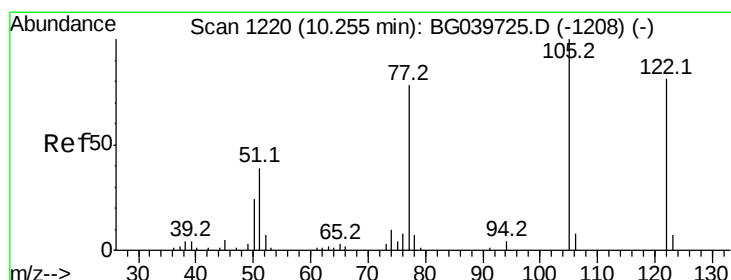
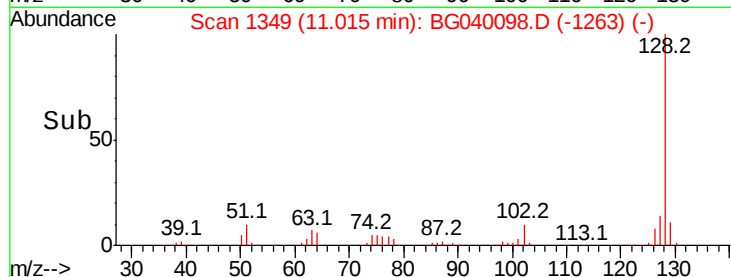
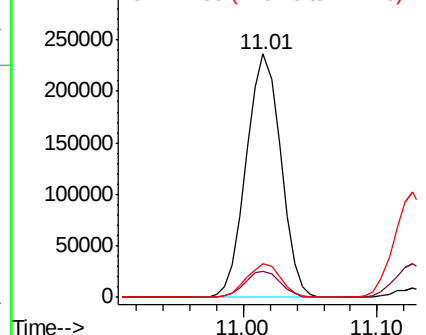
#31
Naphthalene
Concen: 39.127 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 422958
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.6 10.8 16.2

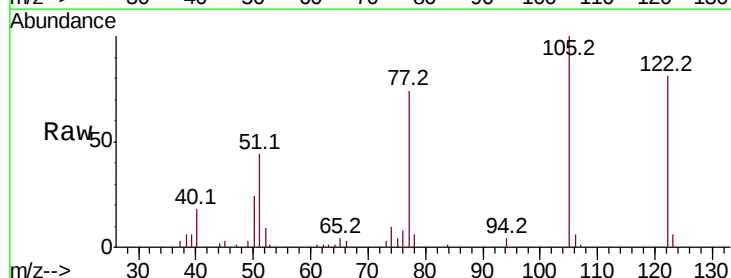


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

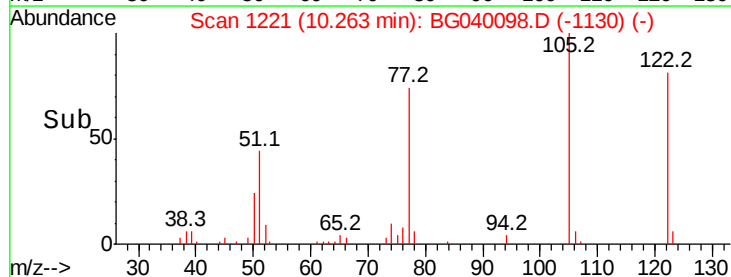
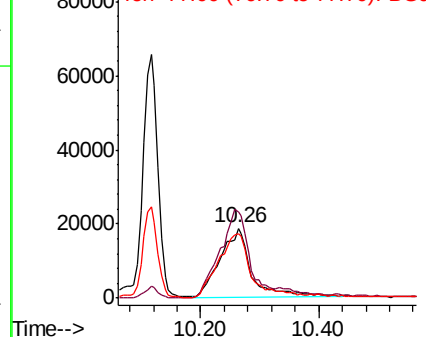


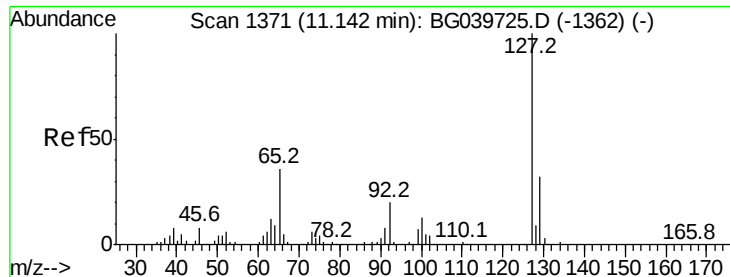
#32
Benzoic acid
Concen: 35.653 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion:122 Resp: 68781
Ion Ratio Lower Upper
122 100
105 124.2 101.8 141.8
77 91.6 76.3 116.3



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

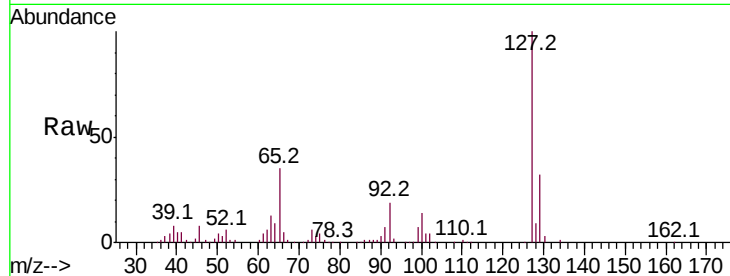




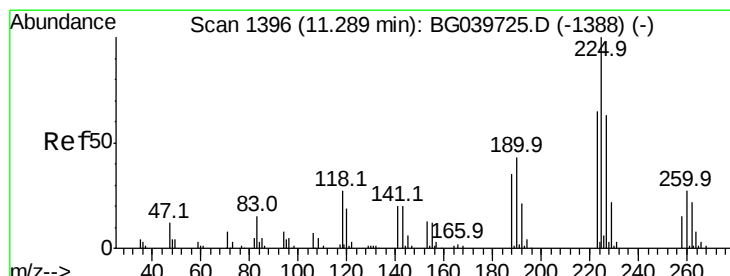
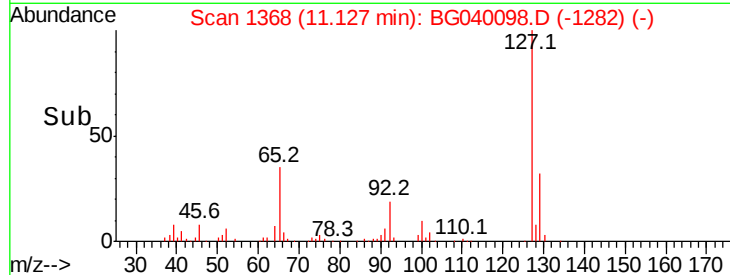
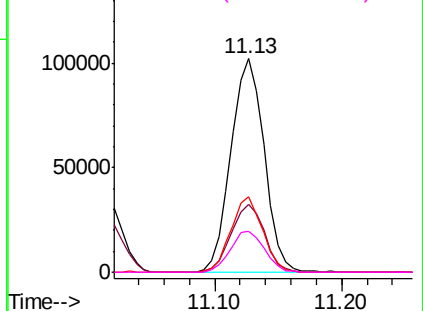
#33
4-Chloroaniline
Concen: 40.465 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	185488
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.0	40.4
65	35.3	28.8	43.2
92	19.4	16.6	25.0

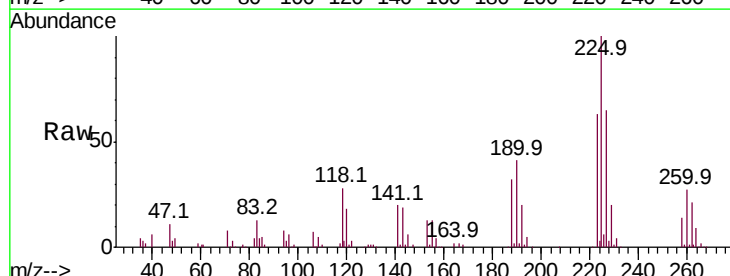


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

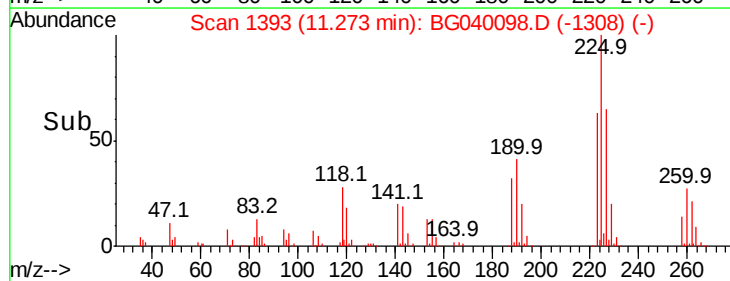
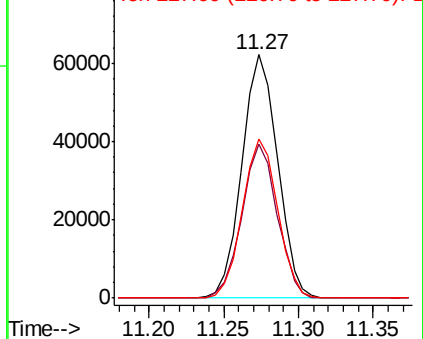


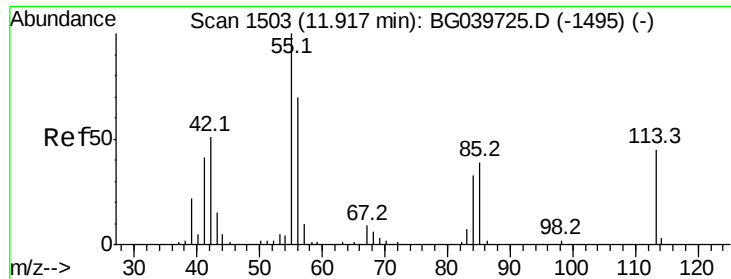
#34
Hexachlorobutadiene
Concen: 40.119 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion:	225	Resp:	103290
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.0	73.6
227	65.5	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

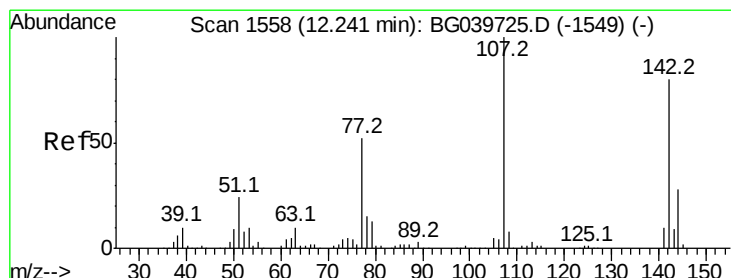
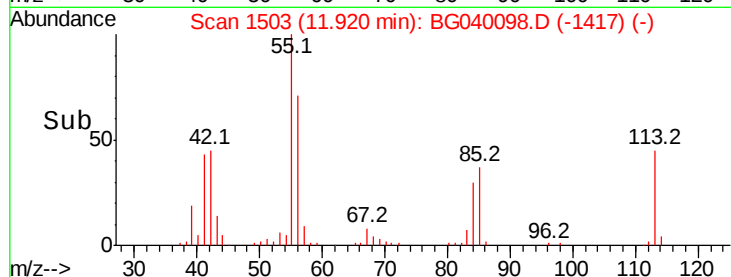
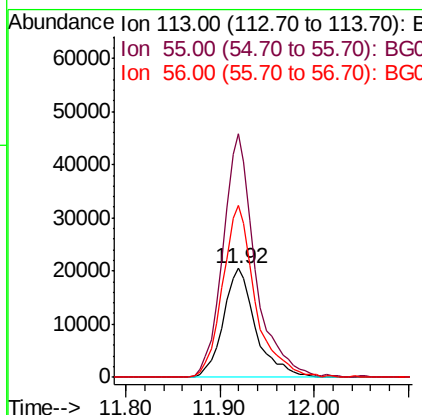
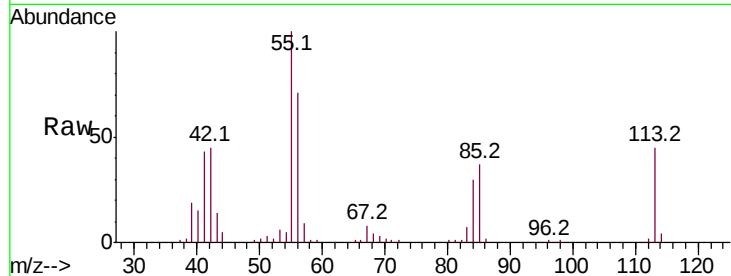




#35
 Caprolactam
 Concen: 38.411 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

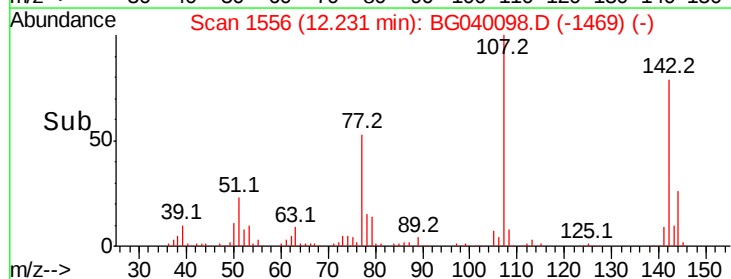
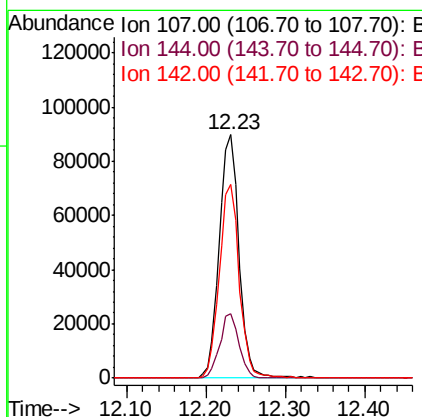
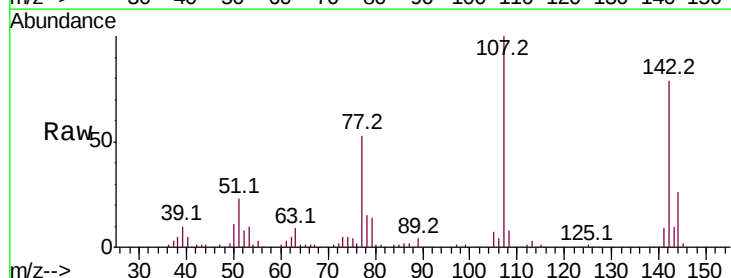
Instrument :
 BNA_G
 ClientSampled :

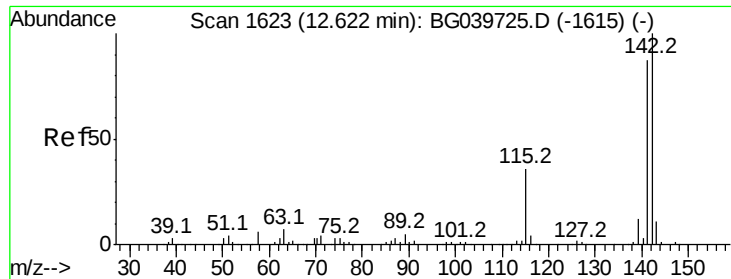
Tot Ion:113 Resp: 49128
 Ion Ratio Lower Upper
 113 100
 55 223.4 216.9 256.9
 56 158.0 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.535 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Tgt Ion:107 Resp: 155581
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.2 30.2
 142 79.4 61.4 92.2

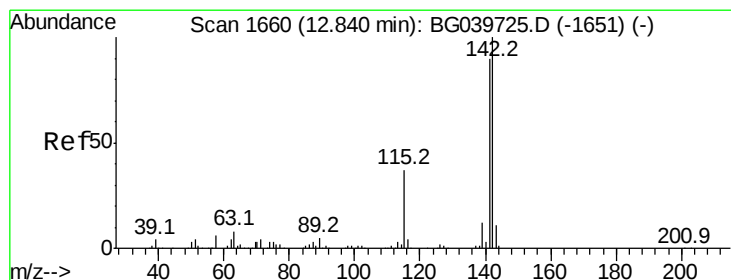
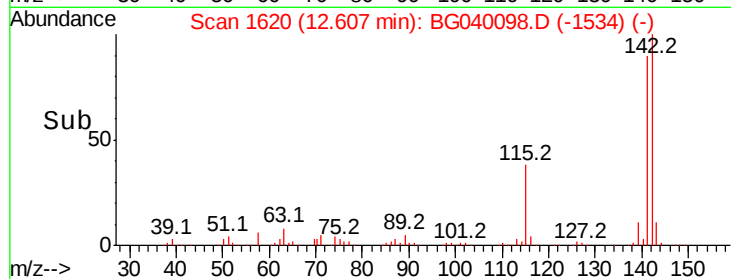
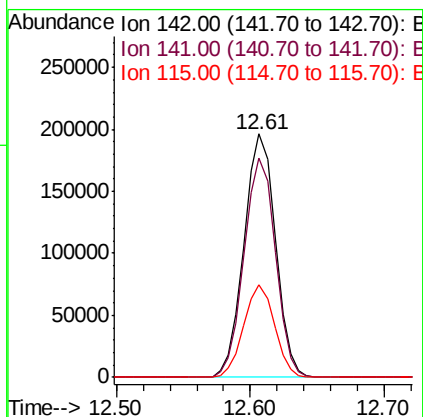
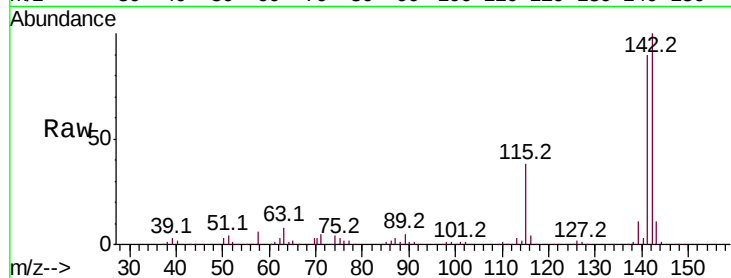




#37
 2-Methylnaphthalene
 Concen: 39.446 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

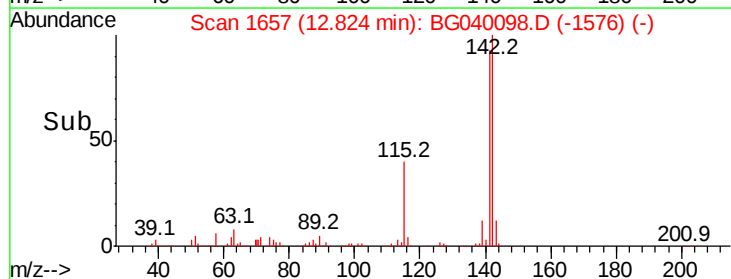
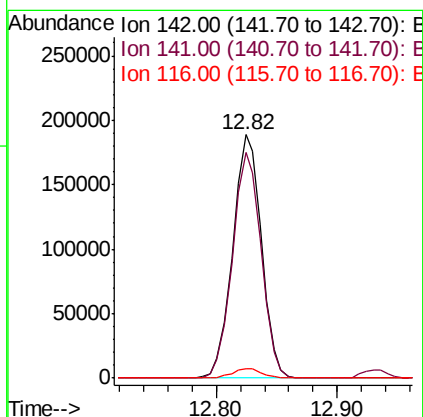
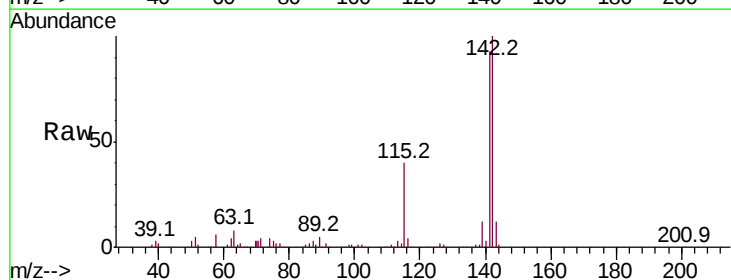
Instrument :
 BNA_G
 ClientSampleId :

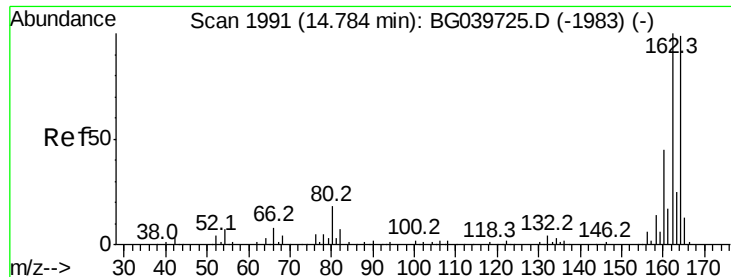
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.5	110.3
115	38.1	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 39.625 ng
 RT: 12.82 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampleId :

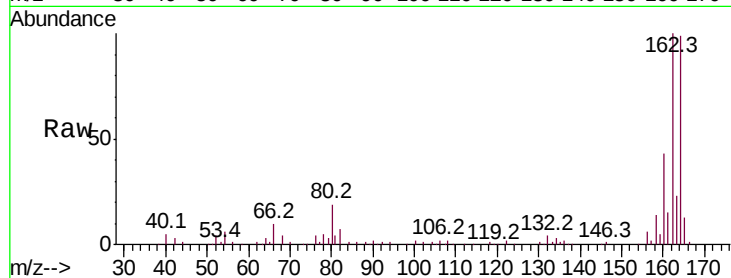
Tot Ion:164 Resp: 139672

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

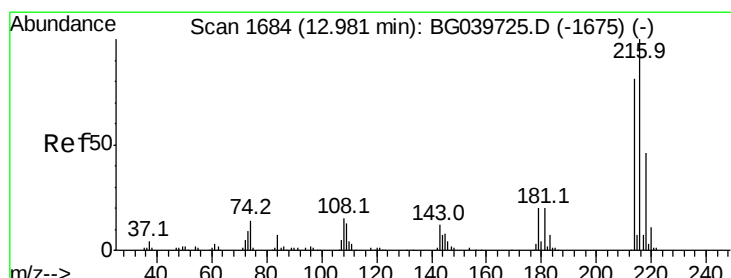
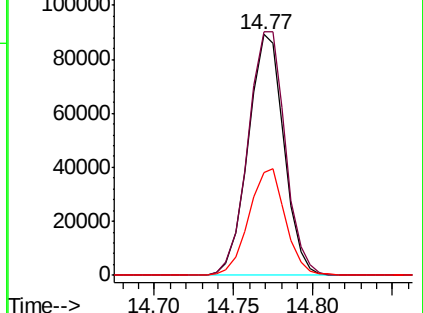
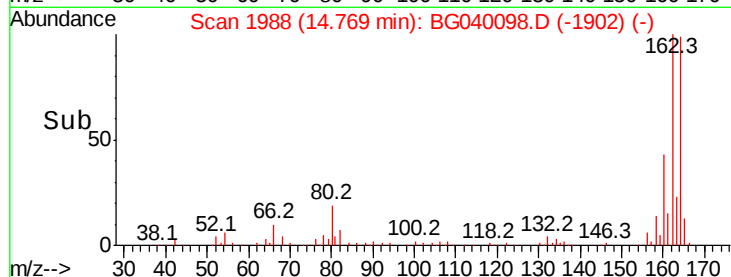
160 43.0 34.2 51.2



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: 40.107 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Tgt Ion:216 Resp: 189777

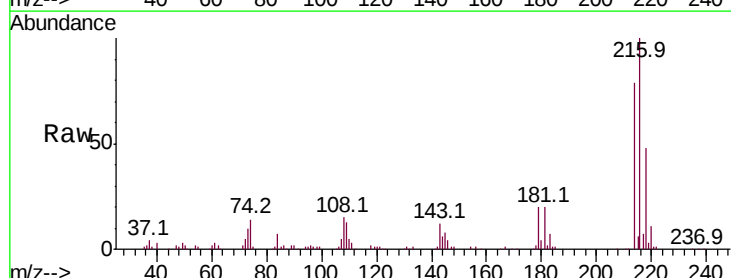
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 20.3 16.6 25.0

108 15.8 14.0 21.0

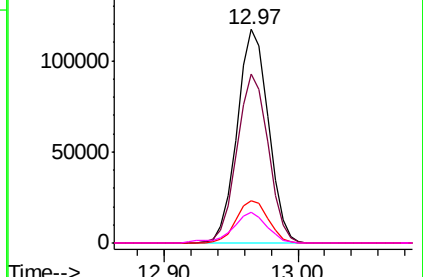
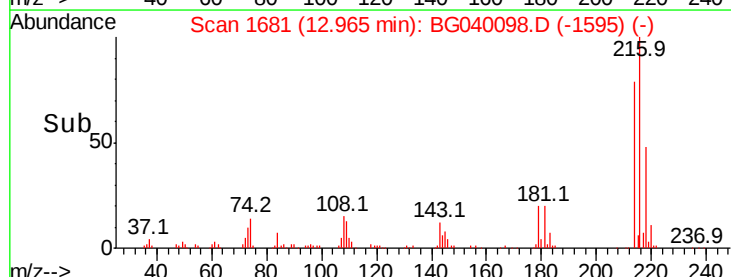


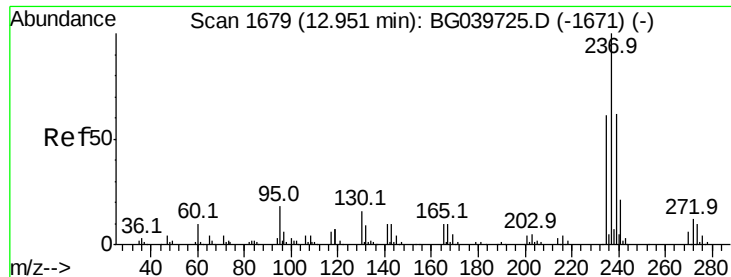
Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.087 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

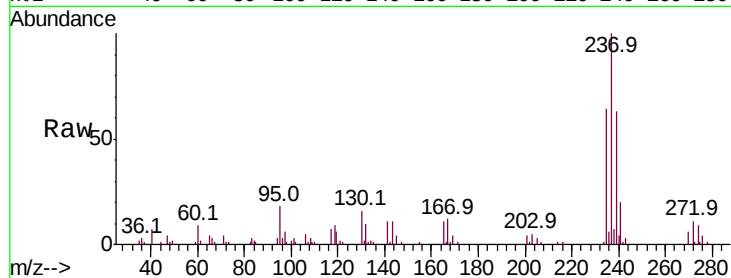
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 96579

Ion	Ratio	Lower	Upper
237	100		
235	64.3	43.3	83.3
272	11.4	0.0	32.3

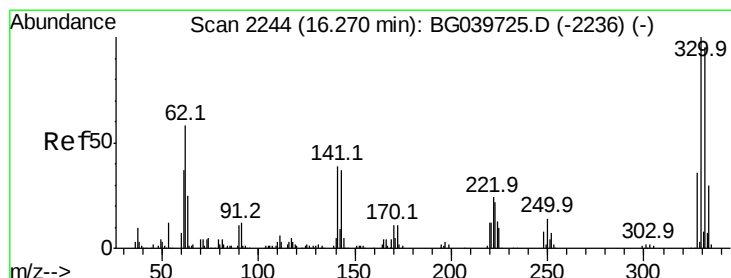
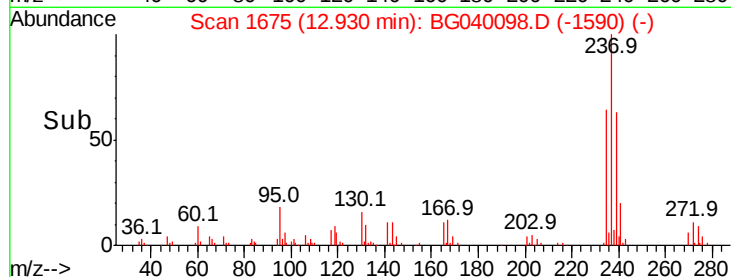
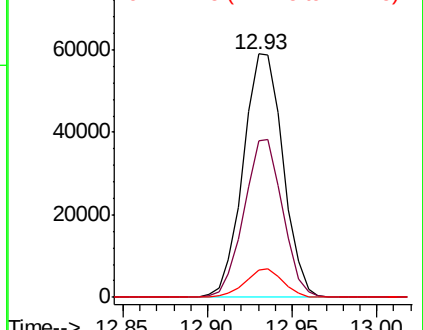


Abundance

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: 81.932 ng

RT: 16.26 min Scan# 2242

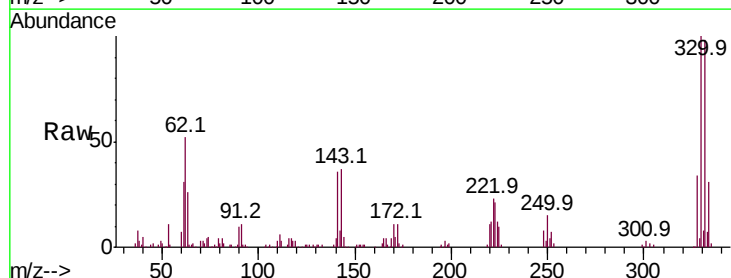
Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Tgt Ion:330 Resp: 133383

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

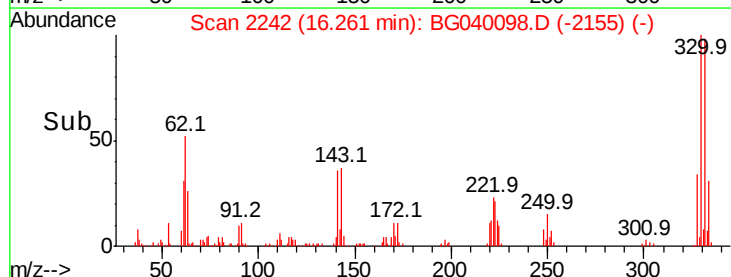
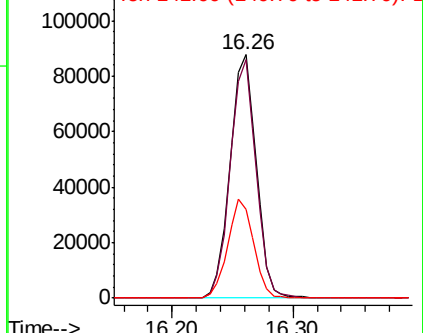


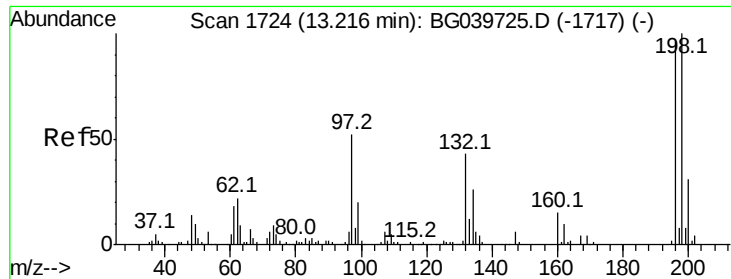
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

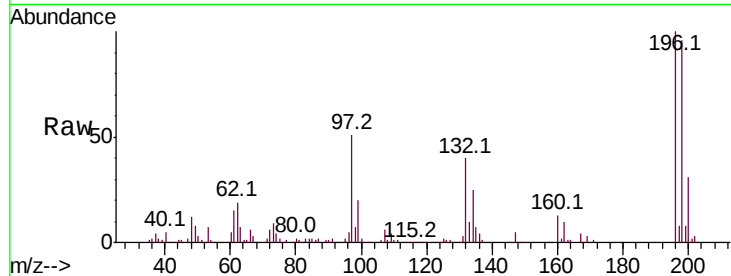




#43
 2,4,6-Trichlorophenol
 Concen: 42.120 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	196	Resp	116681
Ion Ratio	Lower	Upper	
196	100		
198	96.4	80.6	121.0
200	31.5	26.1	39.1

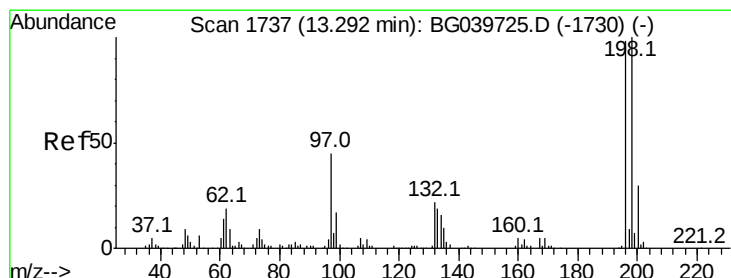
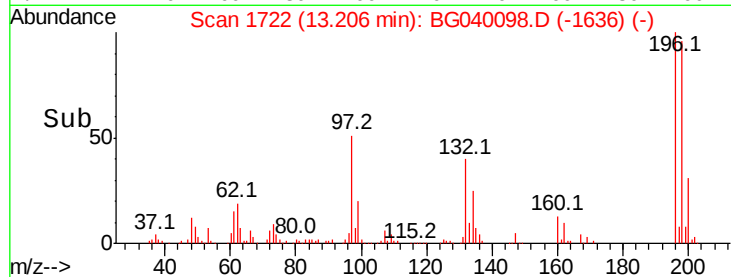
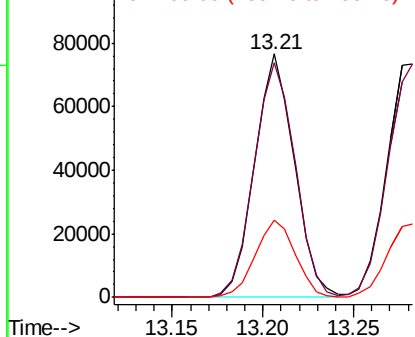


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.919 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Tgt Ion	196	Resp	124647
Ion Ratio	Lower	Upper	
196	100		
198	100.0	78.5	117.7
97	50.0	38.4	57.6
132	25.3	19.2	28.8

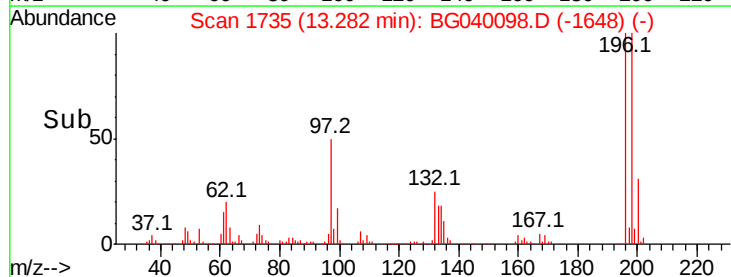
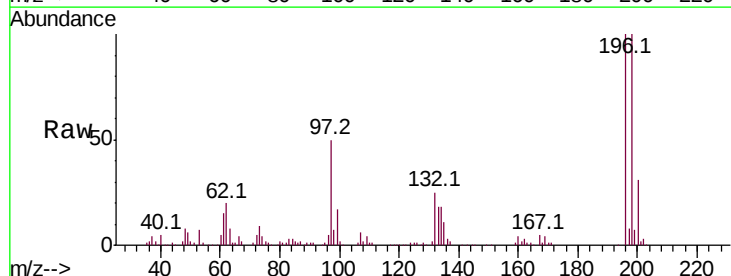
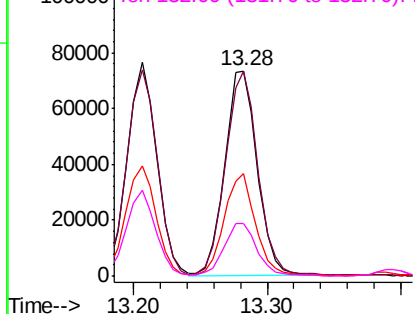
Abundance

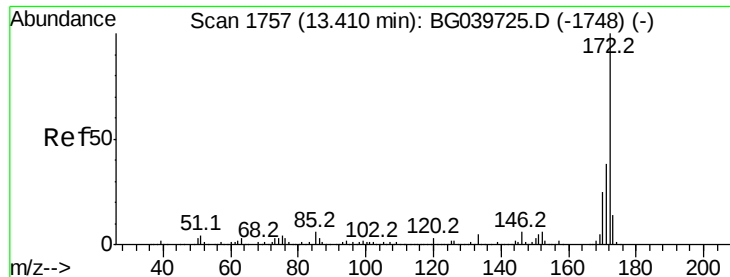
Ion 196.00 (195.70 to 196.70): E

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

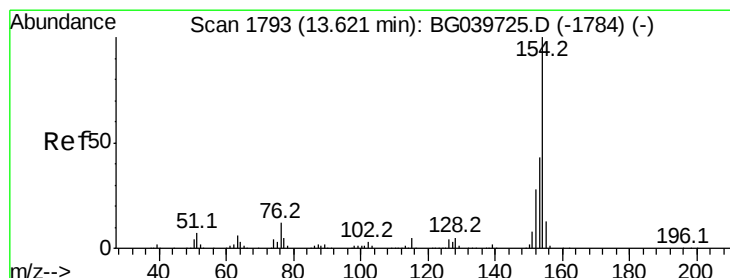
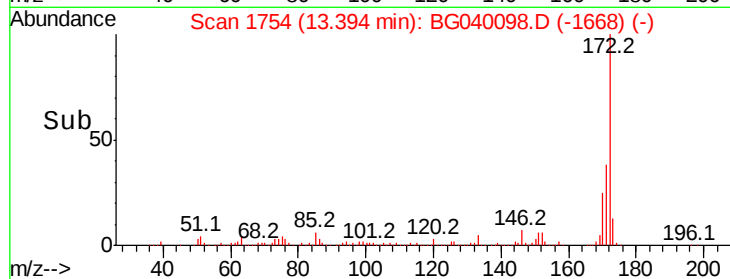
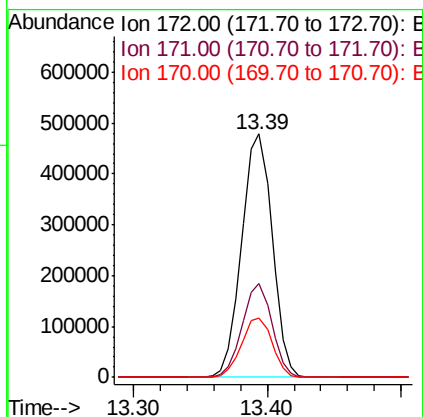
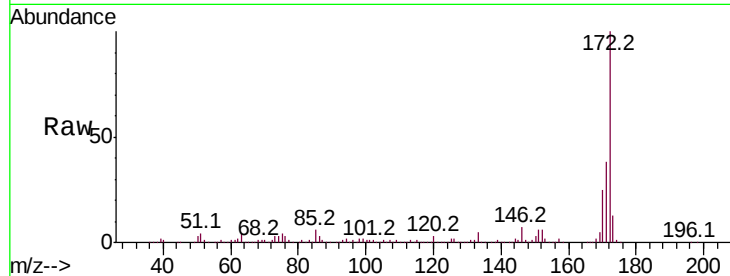




#45
 2-Fluorobiphenyl
 Concen: 77.239 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

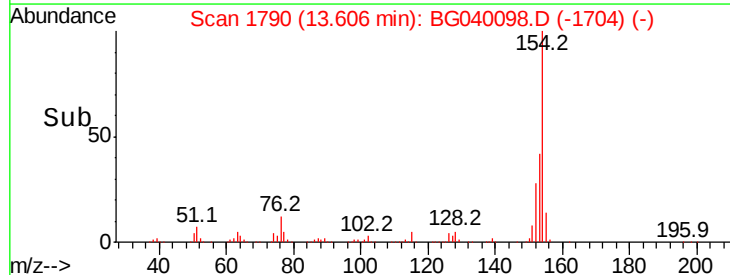
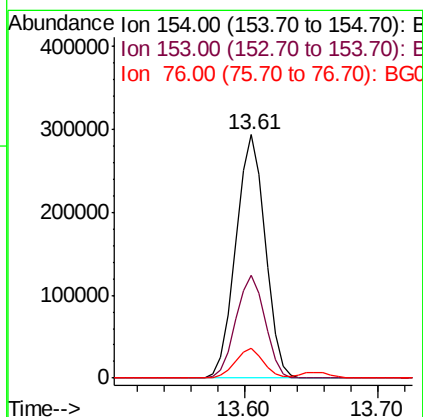
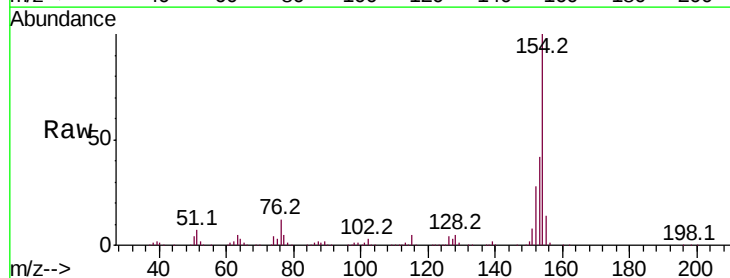
Instrument :
 BNA_G
 ClientSampleId :

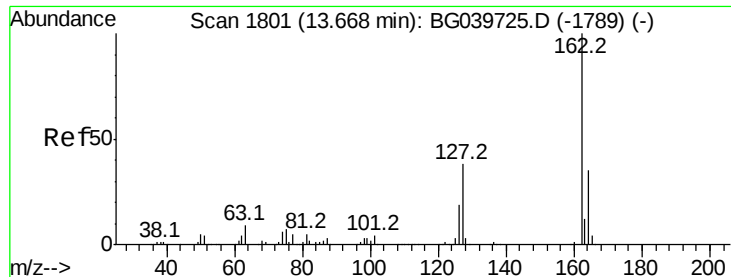
Tot Ion:172 Resp: 757682
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.8 46.2
 170 24.5 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 38.905 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Tgt Ion:154 Resp: 446938
 Ion Ratio Lower Upper
 154 100
 153 42.0 22.1 62.1
 76 12.1 0.0 32.4

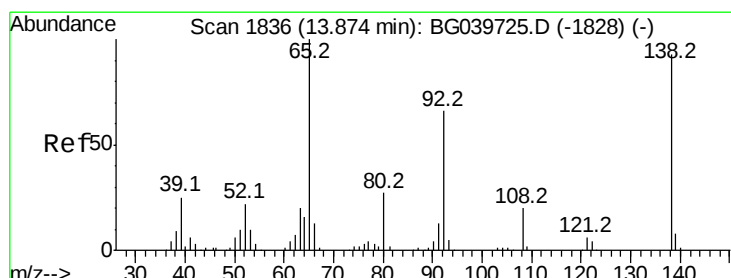
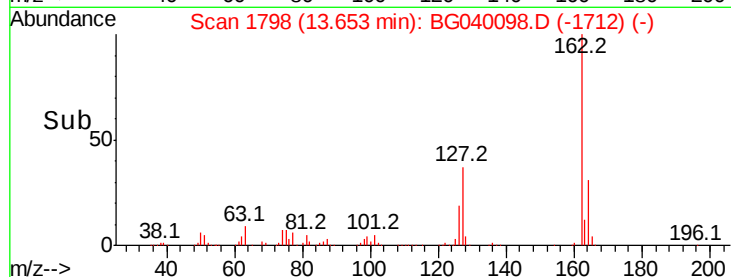
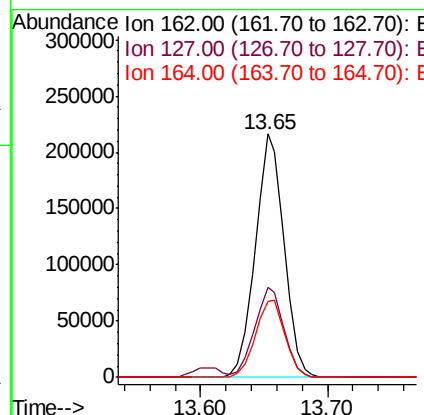
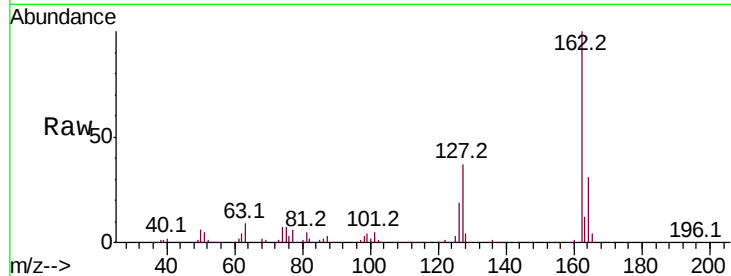




#47
 2-Chloronaphthalene
 Concen: 39.383 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

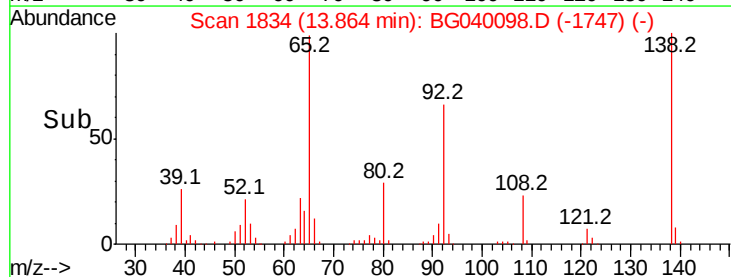
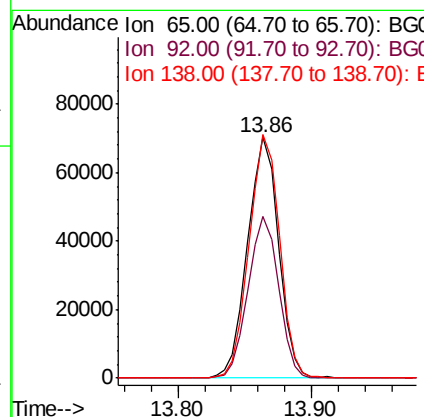
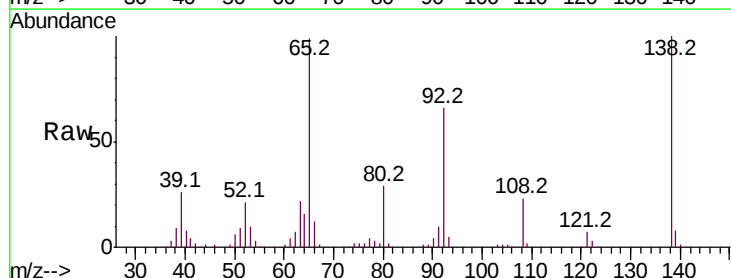
Instrument :
 BNA_G
 ClientSampleID :

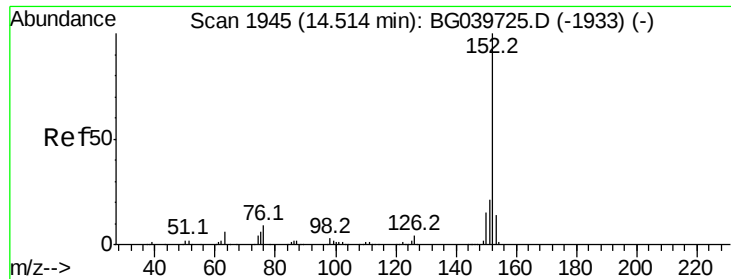
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.0	46.6
164	31.3	25.7	38.5



#48
 2-Nitroaniline
 Concen: 40.454 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	51.4	77.2
138	101.2	71.4	107.2





#49

Acenaphthylene

Concen: 39.499 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampleId :

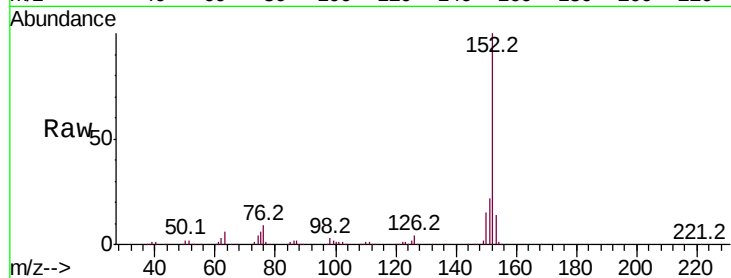
Tot Ion:152 Resp: 560379

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

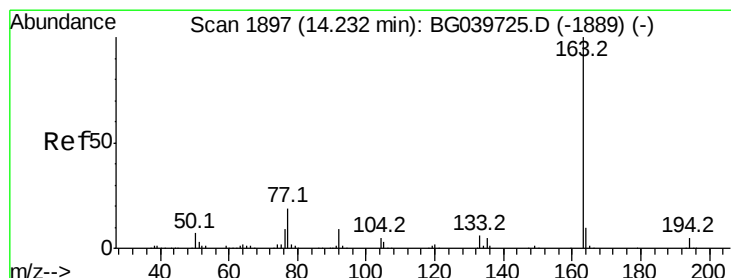
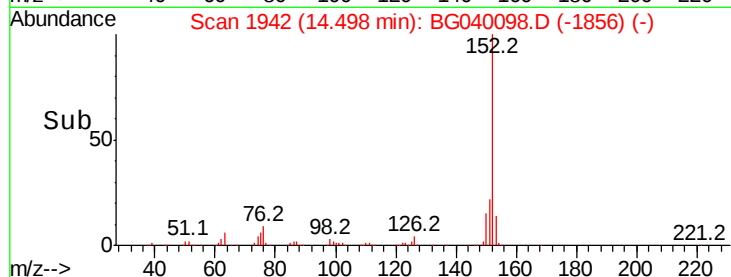
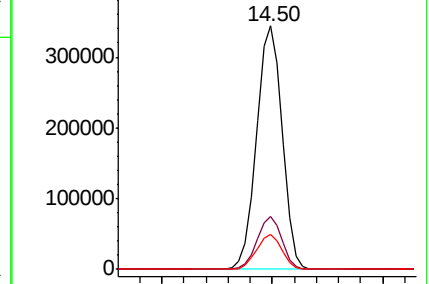
153 14.2 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.212 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

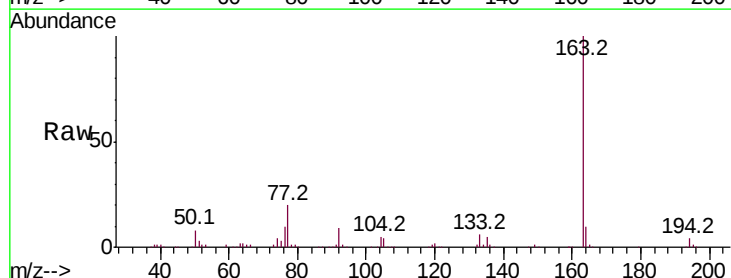
Tgt Ion:163 Resp: 446285

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

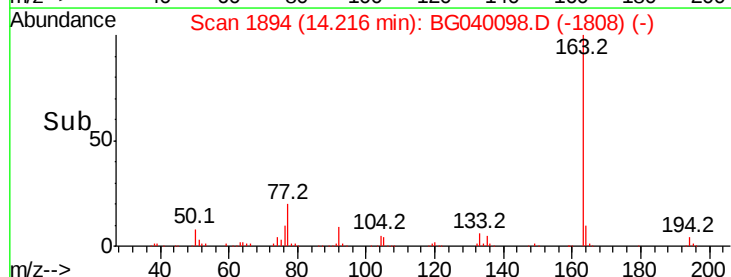
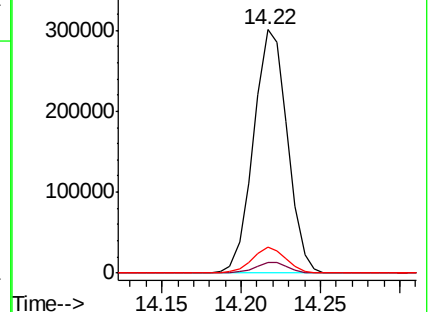
164 10.5 8.4 12.6

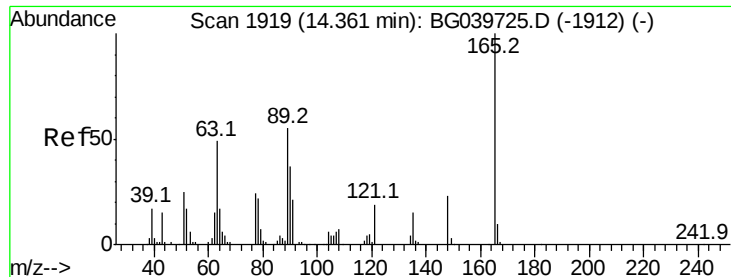


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

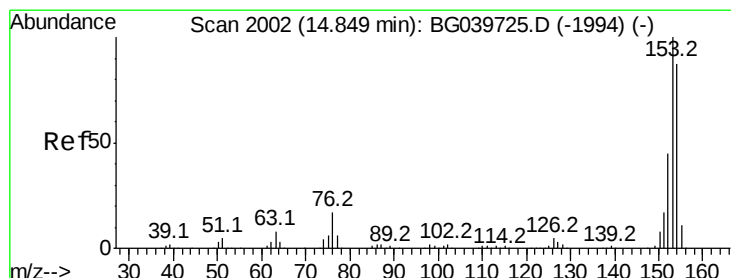
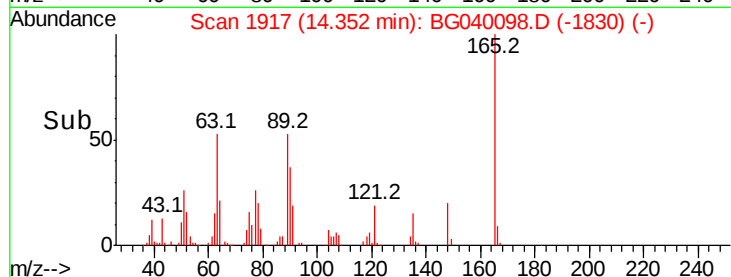
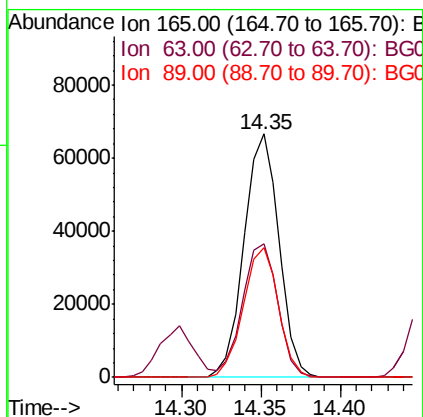
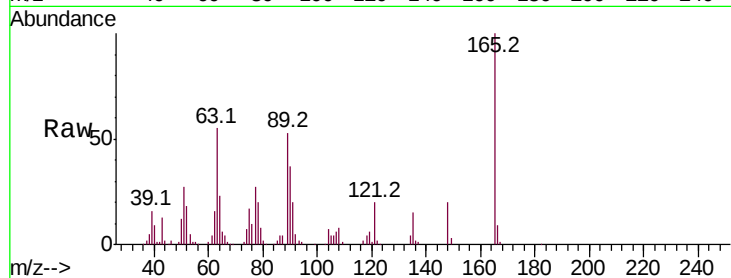




#51
2,6-Dinitrotoluene
Concen: 41.159 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

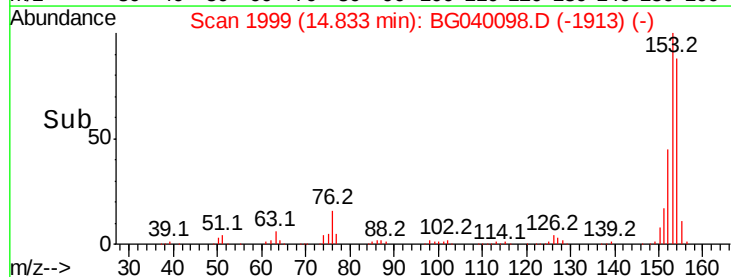
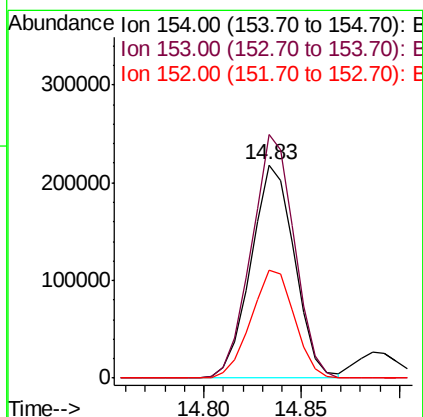
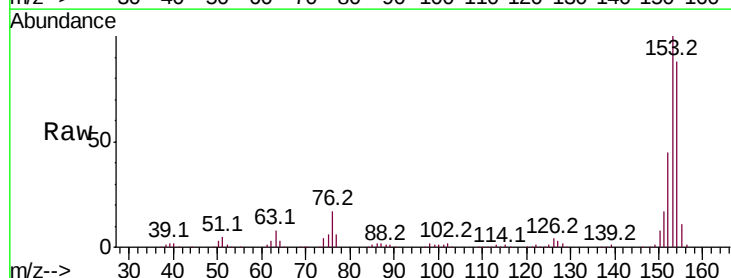
Instrument :
BNA_G
ClientSampled :

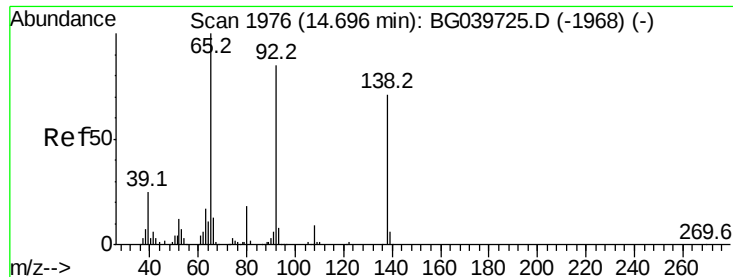
Tot Ion:165 Resp: 101908
Ion Ratio Lower Upper
165 100
63 54.9 47.0 70.6
89 53.4 45.8 68.8



#52
Acenaphthene
Concen: 39.517 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion:154 Resp: 337429
Ion Ratio Lower Upper
154 100
153 114.3 90.1 135.1
152 50.9 40.9 61.3





#53

3-Nitroaniline

Concen: 38.990 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampled :

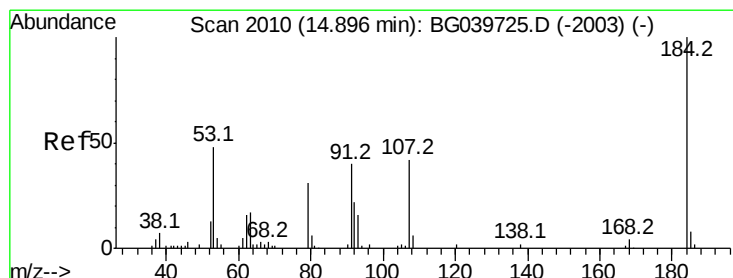
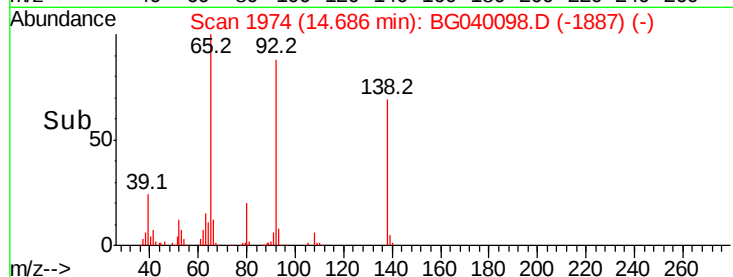
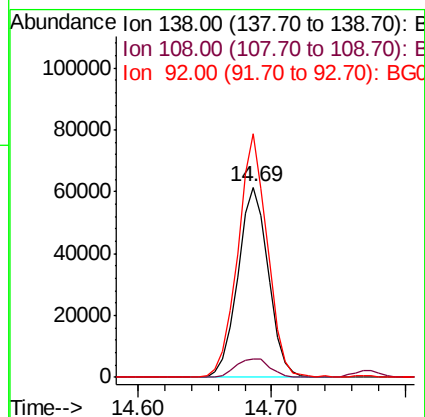
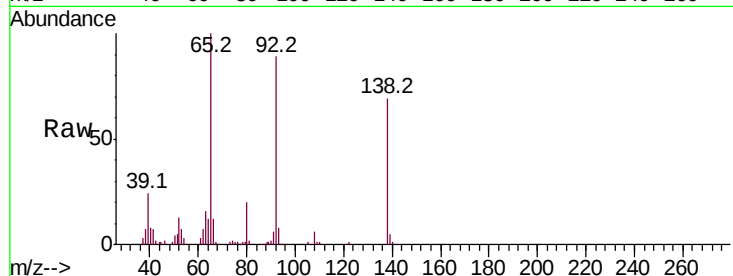
Tot Ion:138 Resp: 97040

Ion Ratio Lower Upper

138 100

108 9.4 13.8 20.8#

92 128.0 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 45.162 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

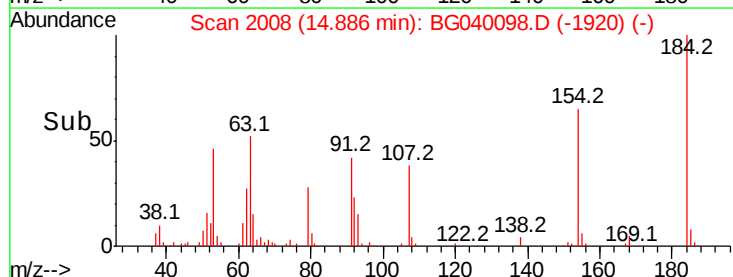
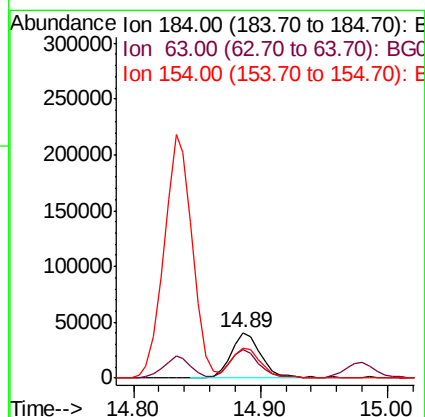
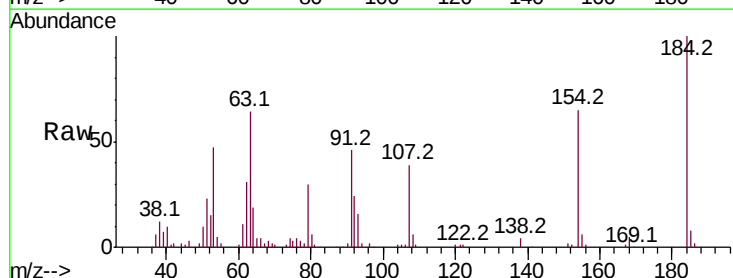
Tgt Ion:184 Resp: 66691

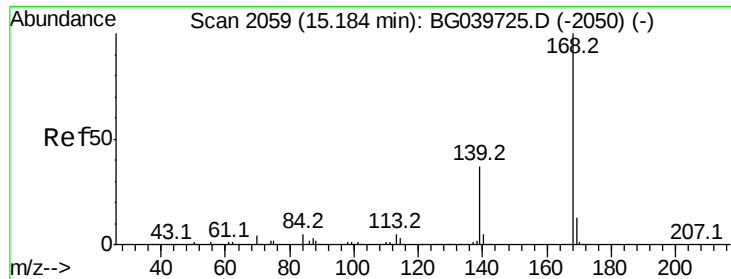
Ion Ratio Lower Upper

184 100

63 63.7 50.9 76.3

154 65.0 53.0 79.6

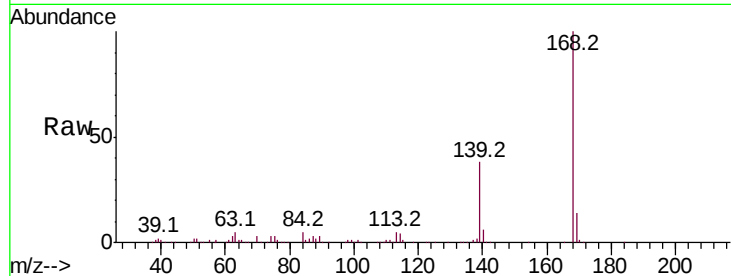




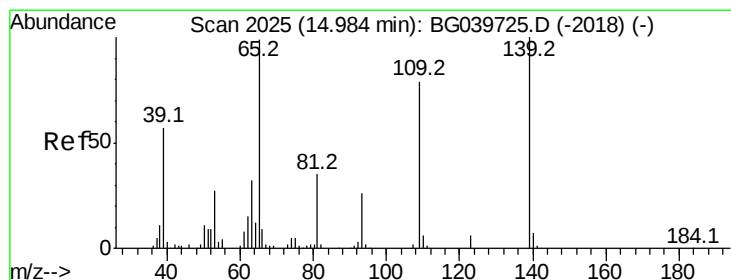
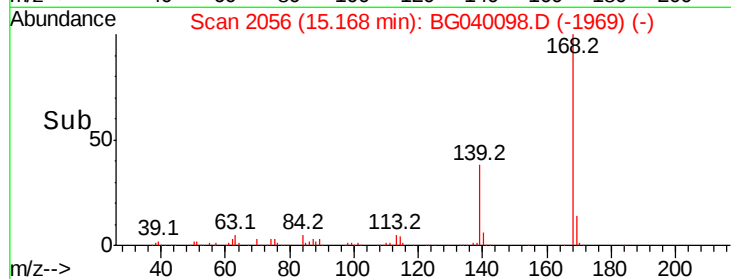
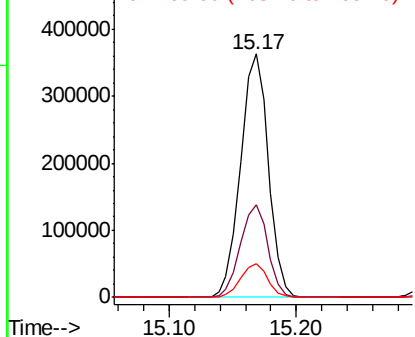
#55
Dibenzofuran
Concen: 39.268 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	13.9	10.6	16.0

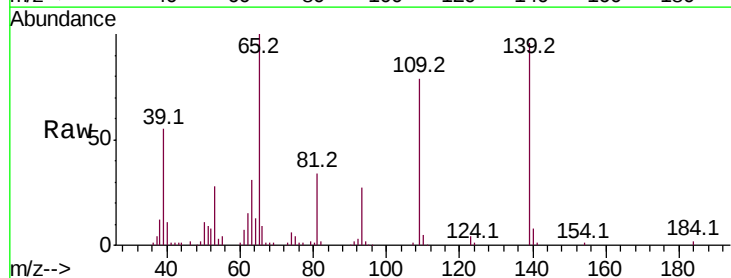


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

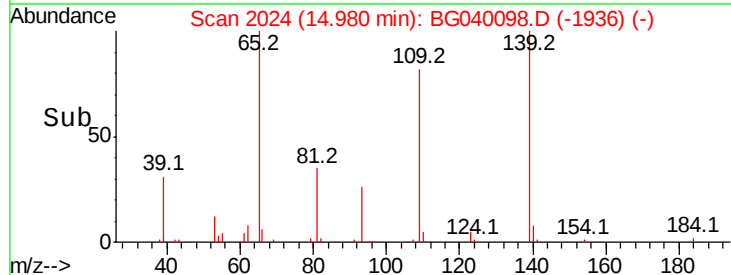
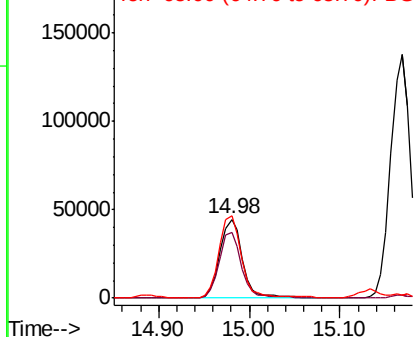


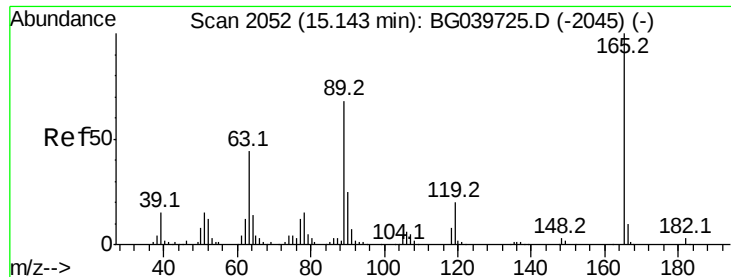
#56
4-Nitrophenol
Concen: 35.044 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.8	61.9	101.9
65	104.5	99.1	139.1



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

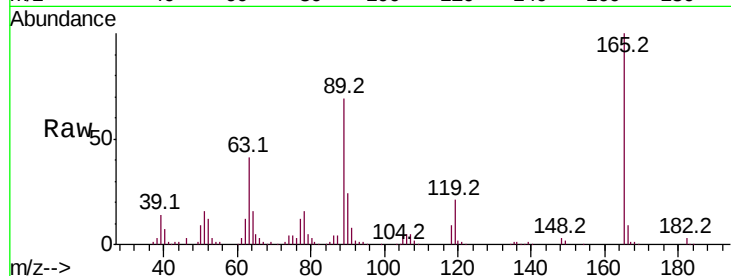




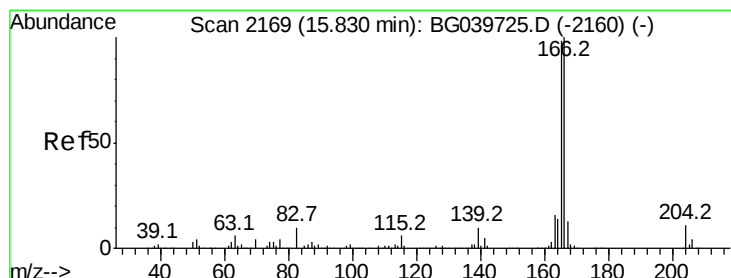
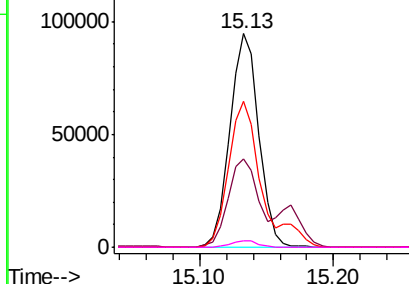
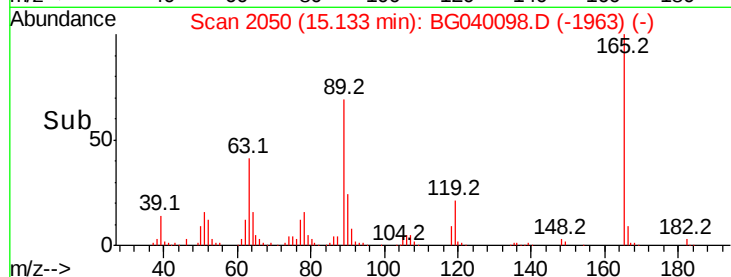
#57
 2,4-Dinitrotoluene
 Concen: 40.912 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	142331
Ion Ratio	Lower	Upper
165	100	
63	41.4	41.0 61.6
89	68.5	64.6 96.8
182	3.1	2.0 3.0#

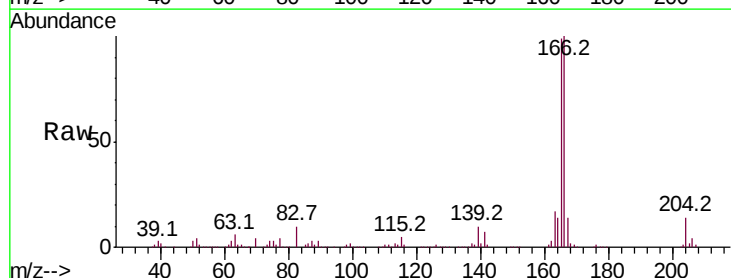


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

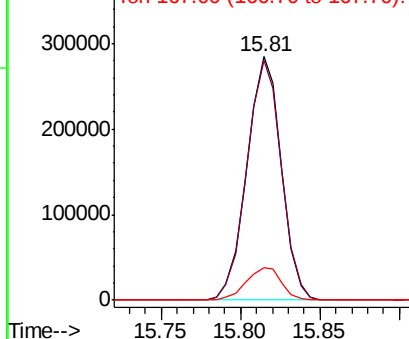
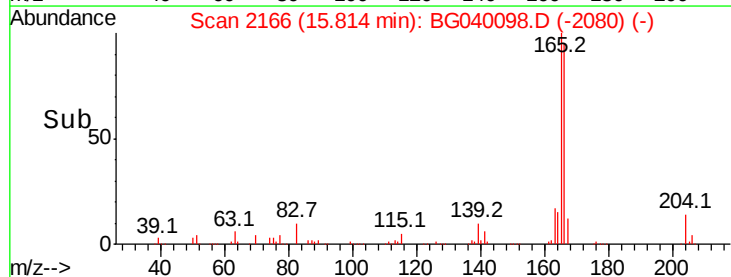


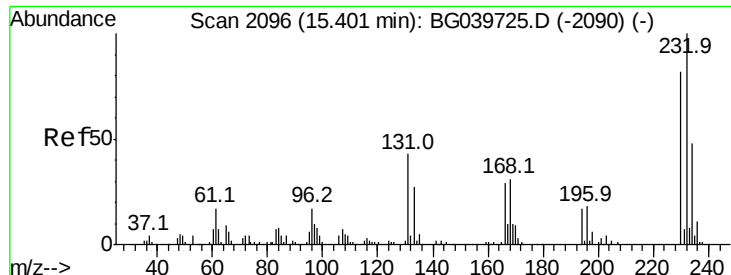
#58
 Fluorene
 Concen: 38.859 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Tgt Ion:166	Resp:	427972
Ion Ratio	Lower	Upper
166	100	
165	98.6	77.9 116.9
167	13.6	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

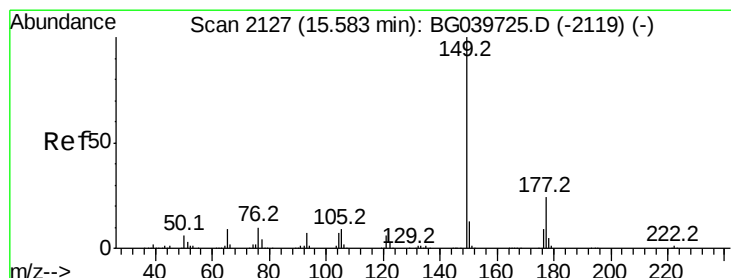
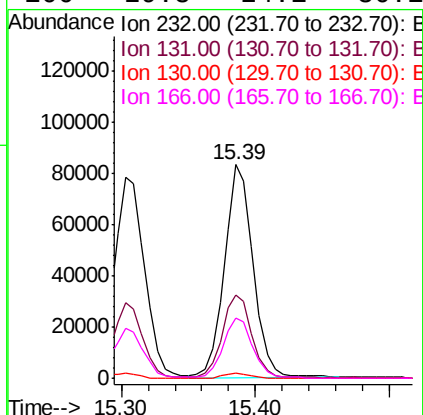
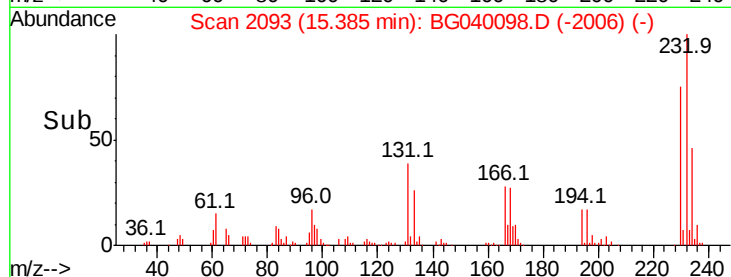
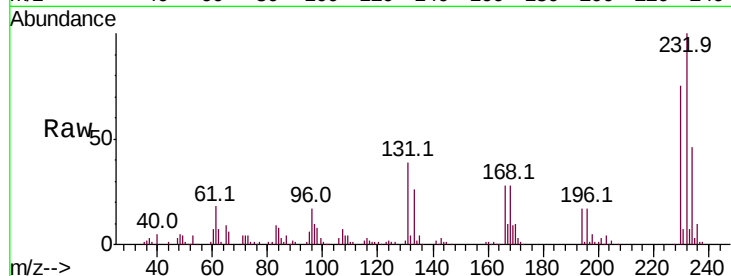




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.880 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

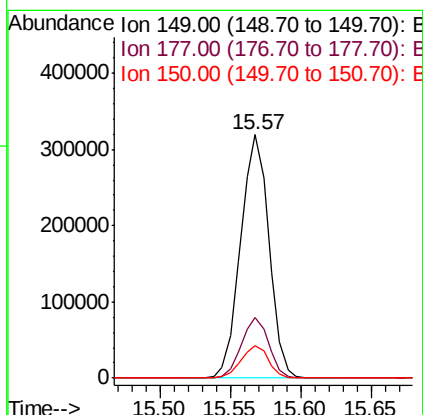
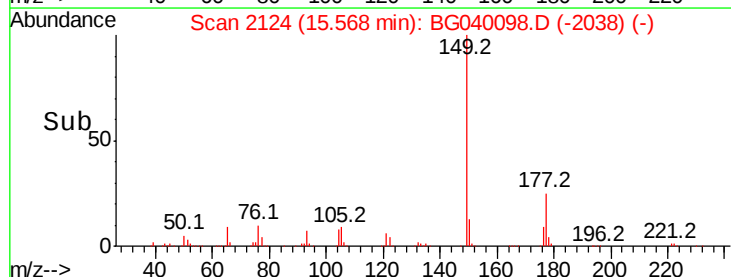
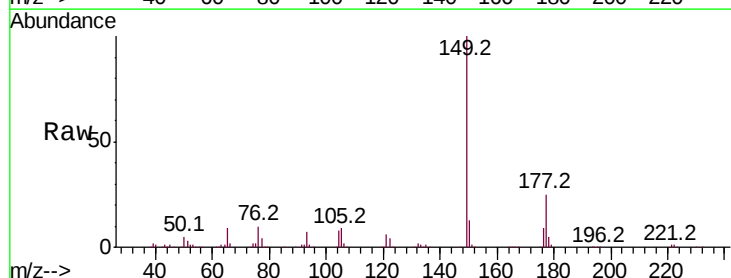
Instrument :
 BNA_G
 ClientSampleId :

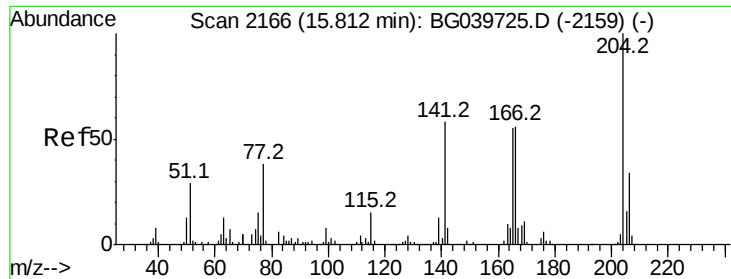
Tot Ion:	232	Resp:	124665
Ion Ratio	Lower	Upper	
232	100		
131	41.4	34.9	52.3
130	2.2	2.0	3.0
166	29.8	24.1	36.1



#60
 Diethylphthalate
 Concen: 38.739 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Tgt Ion:	149	Resp:	447881
Ion Ratio	Lower	Upper	
149	100		
177	25.0	18.3	27.5
150	13.2	10.2	15.2

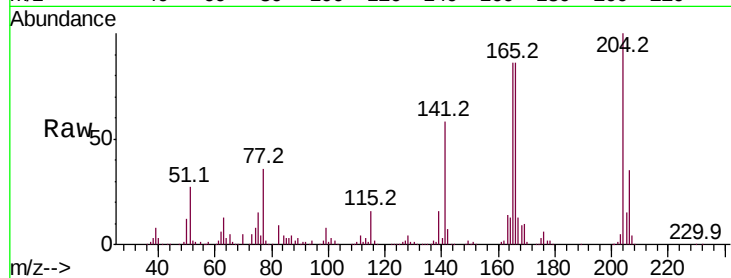




#61
4-Chlorophenyl-phenylether
Concen: 38.667 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	29.2	43.8
141	57.8	49.0	73.4

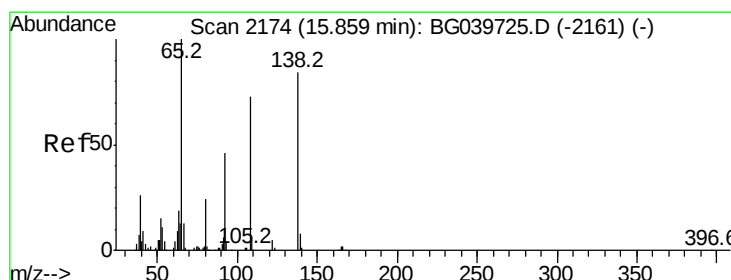
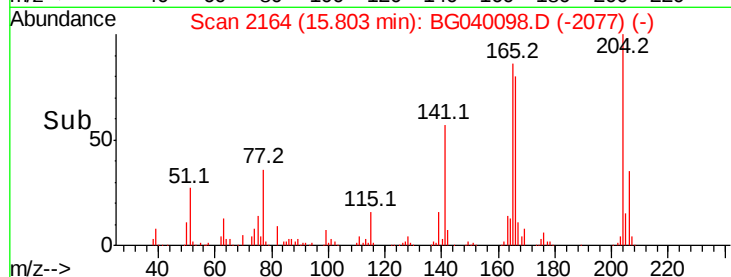
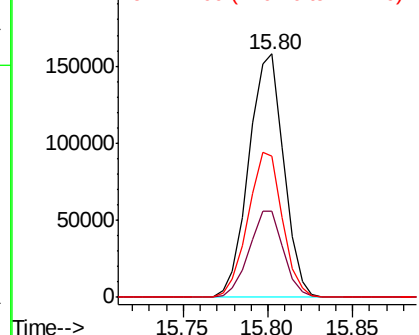


Abundance

Ion 204.00 (203.70 to 204.70): E

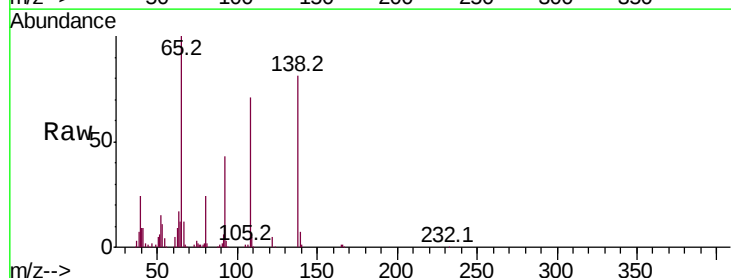
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.154 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	38.7	78.7
108	88.2	74.6	114.6

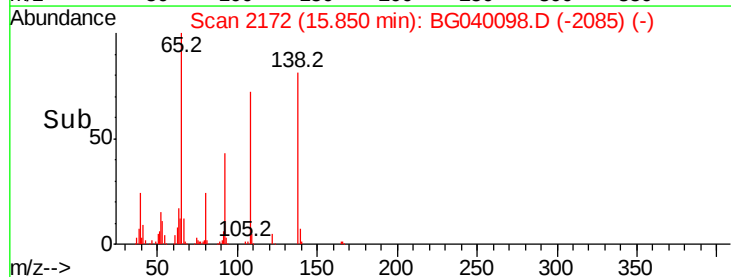
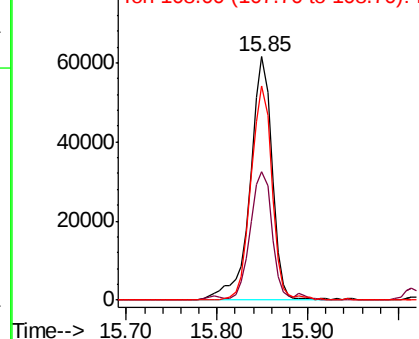


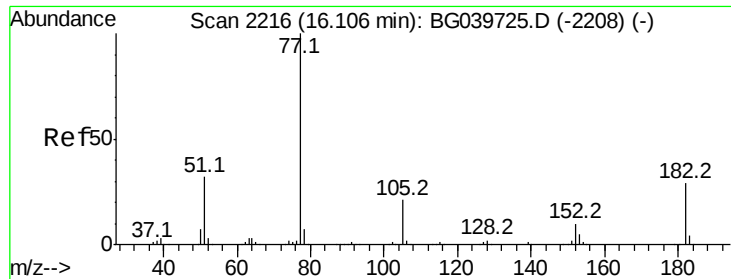
Abundance

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

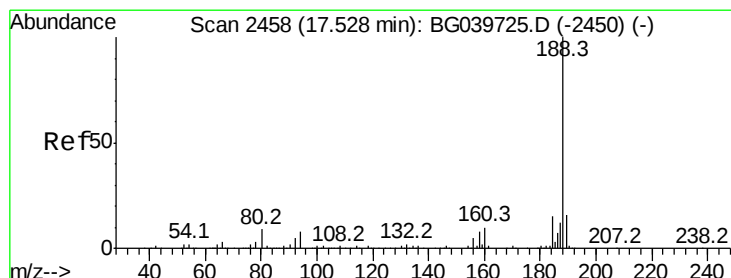
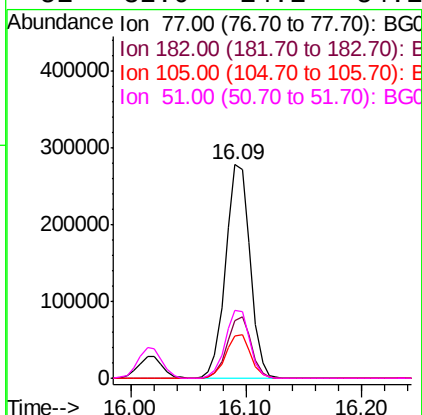
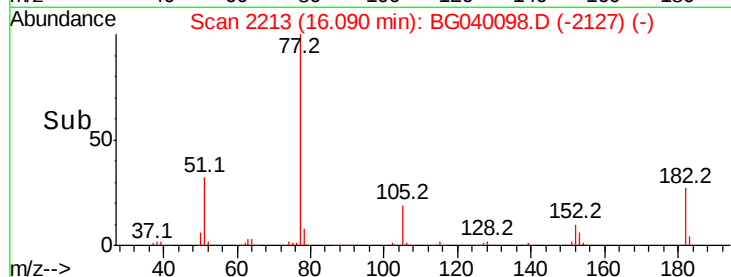
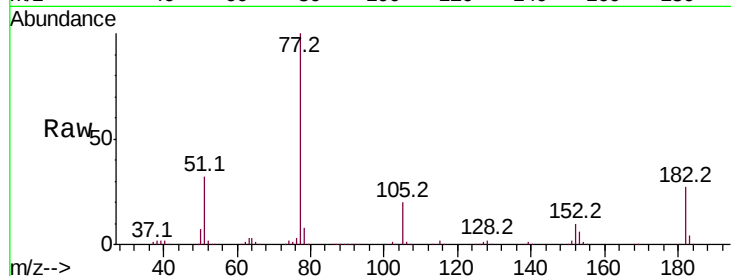




#63
Azobenzene
Concen: 38.795 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

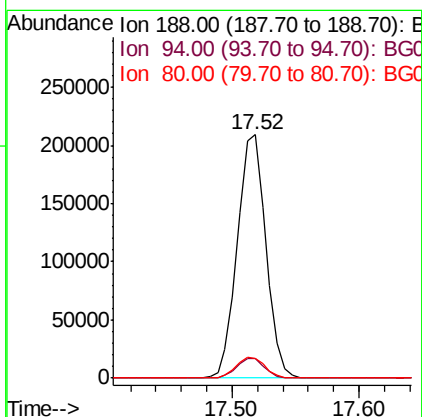
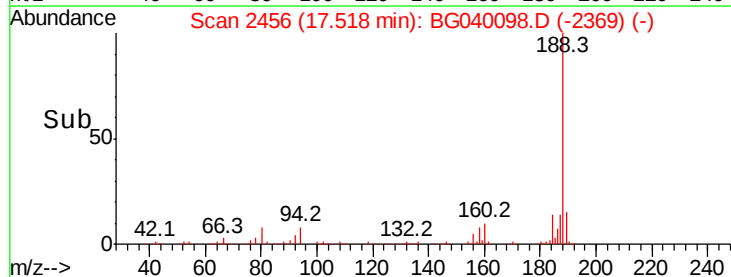
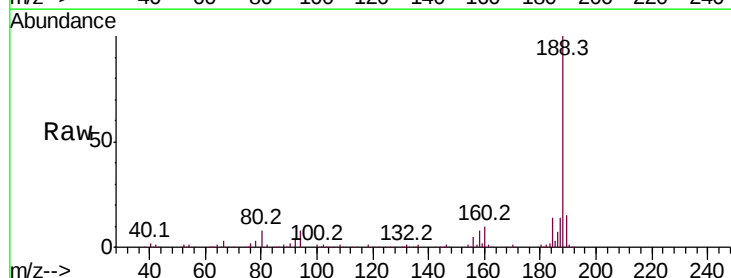
Instrument :
BNA_G
ClientSampleId :

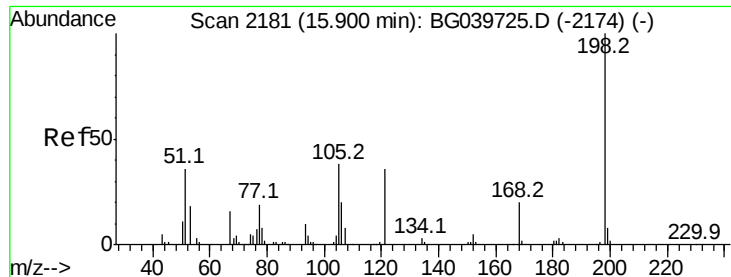
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	6.4	46.4
105	19.9	0.0	39.8
51	32.0	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.1	8.1	12.1

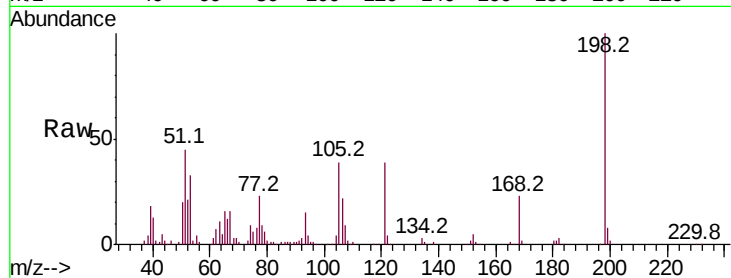




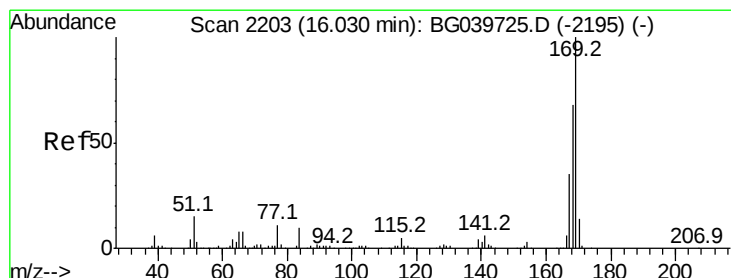
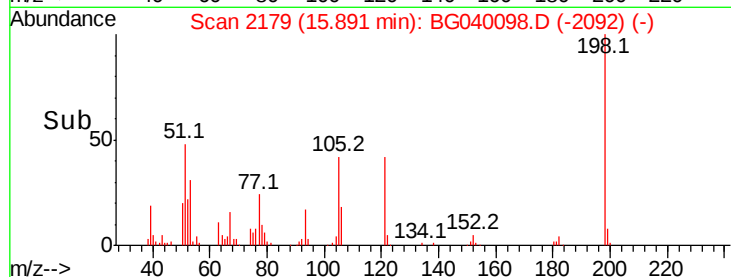
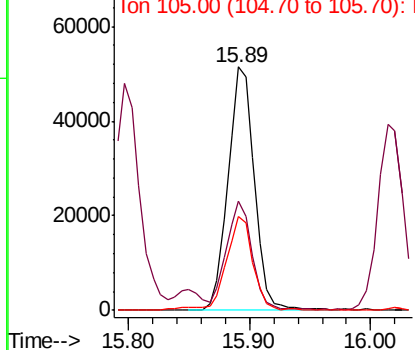
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.459 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 77984
 Ion Ratio Lower Upper
 198 100
 51 44.9 27.4 67.4
 105 38.8 19.7 59.7

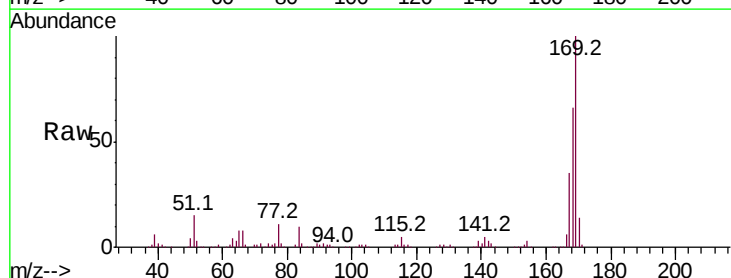


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

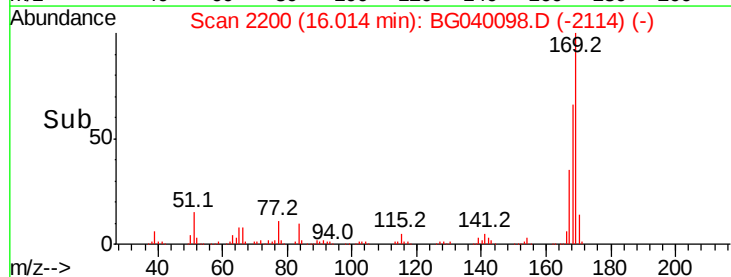
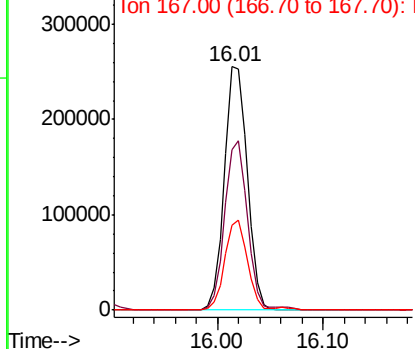


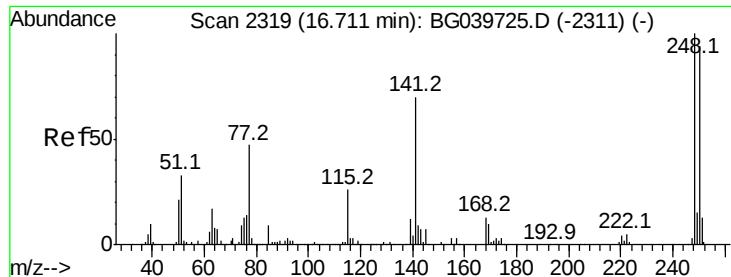
#66
 n-Nitrosodiphenylamine
 Concen: 40.721 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Tgt Ion:169 Resp: 384307
 Ion Ratio Lower Upper
 169 100
 168 65.7 56.6 85.0
 167 34.8 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.973 ng

RT: 16.70 min Scan# 2316

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampled :

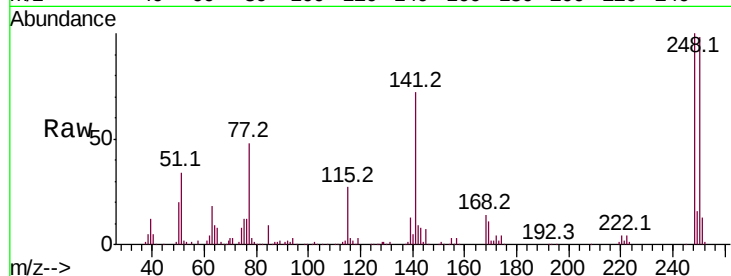
Tot Ion:248 Resp: 149509

Ion Ratio Lower Upper

248 100

250 98.0 77.6 116.4

141 71.9 63.9 95.9

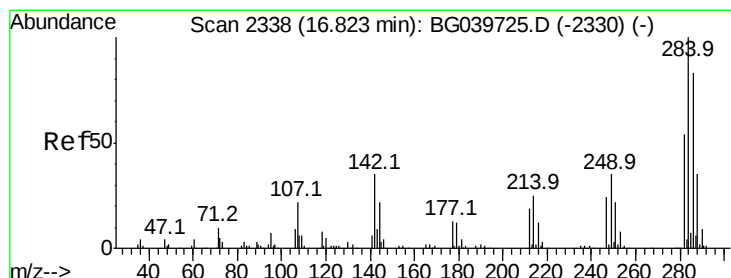
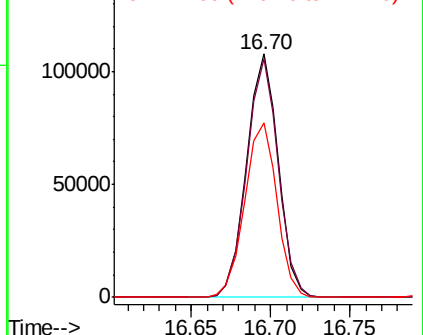
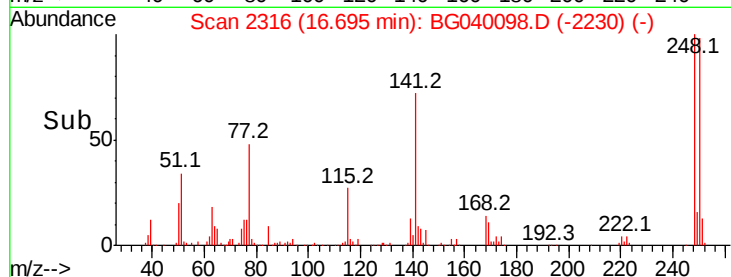


Abundance

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: 41.048 ng

RT: 16.81 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

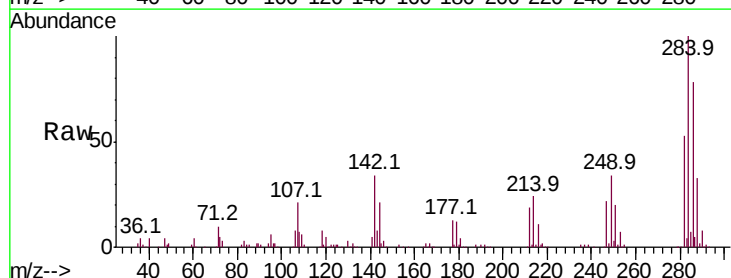
Tgt Ion:284 Resp: 155259

Ion Ratio Lower Upper

284 100

142 33.7 30.6 45.8

249 33.9 28.2 42.2

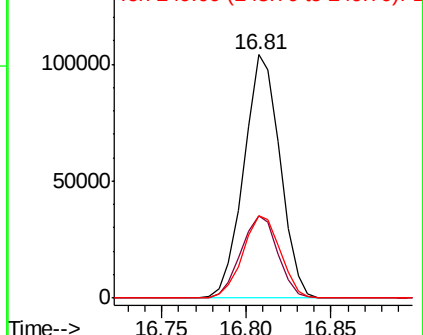
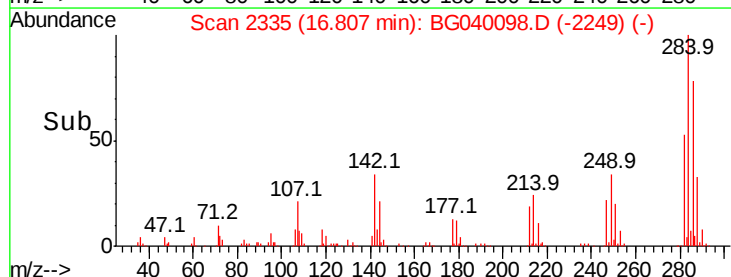


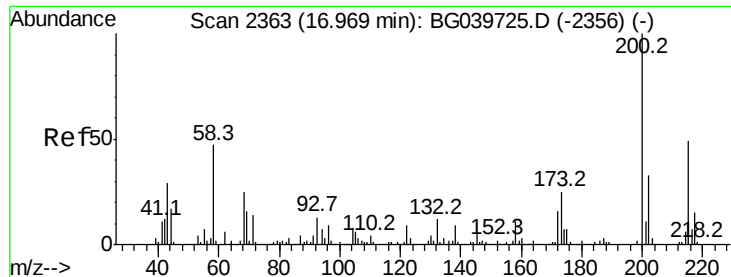
Abundance

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

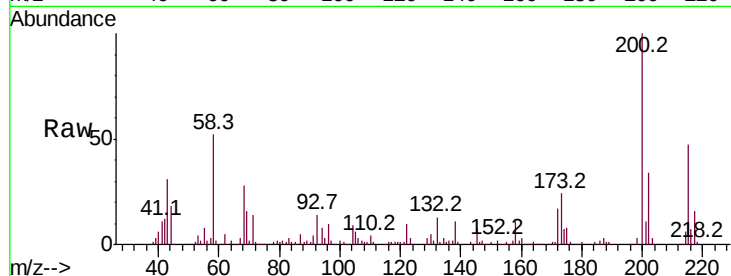




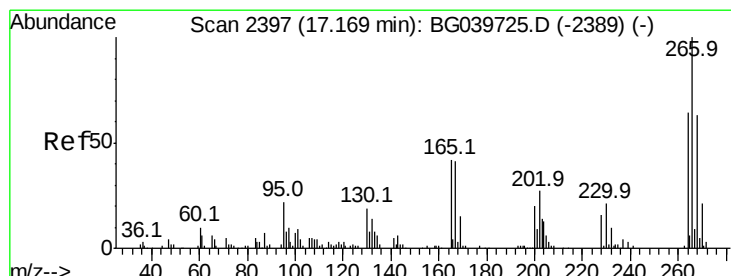
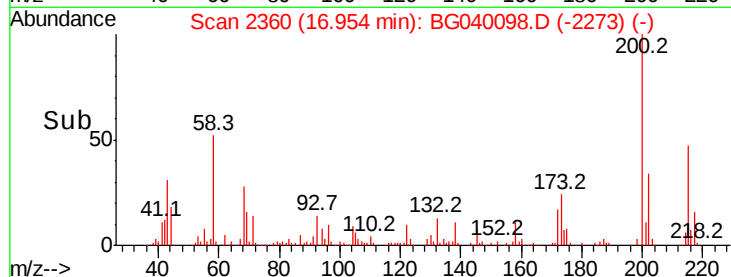
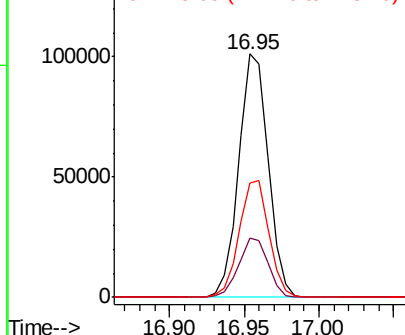
#69
Atrazine
Concen: 37.252 ng
RT: 16.95 min Scan# 2360
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	3.9	43.9
215	47.1	30.9	70.9

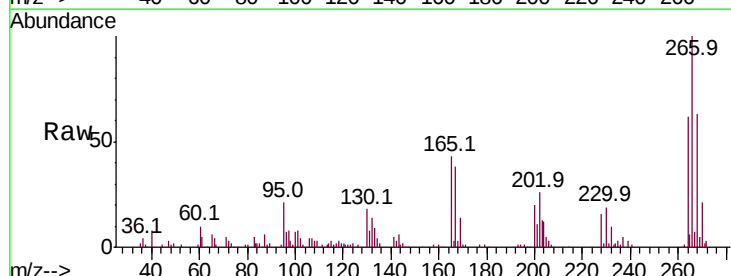


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

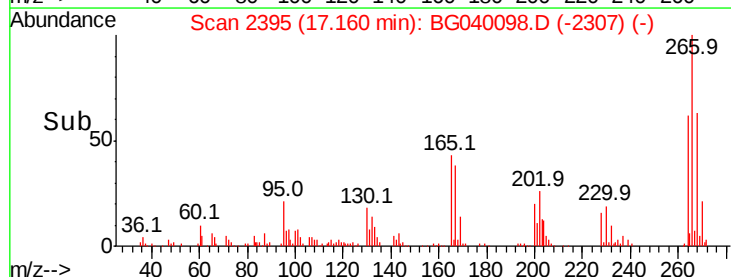
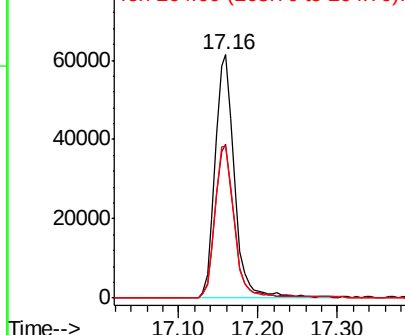


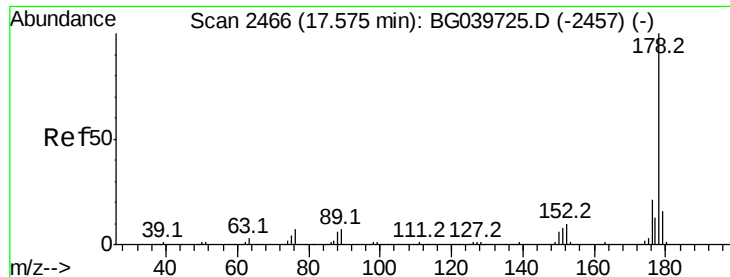
#70
Pentachlorophenol
Concen: 43.695 ng
RT: 17.16 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	62.1	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

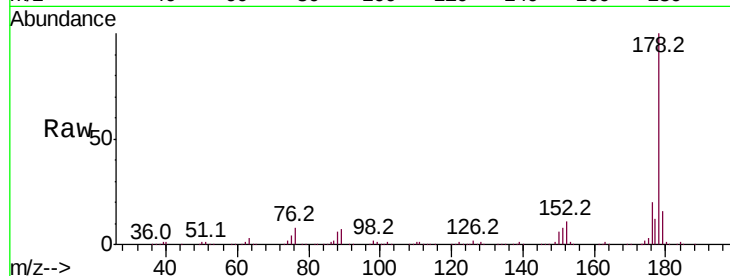




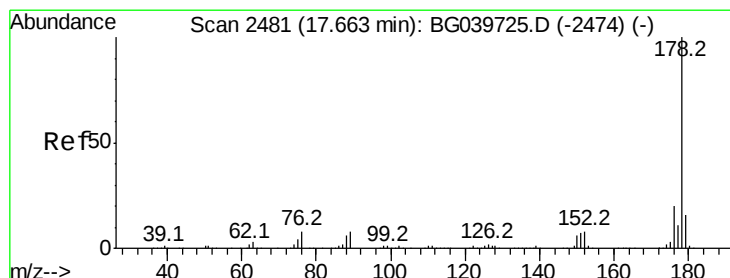
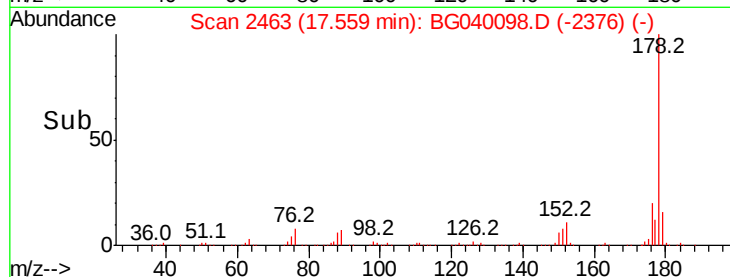
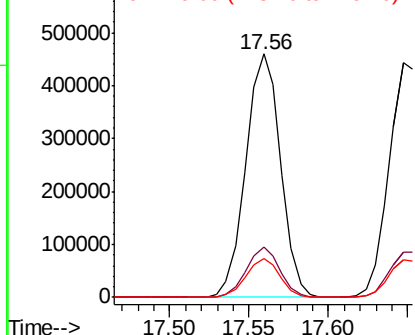
#71
Phenanthrene
Concen: 39.004 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 700366
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 15.8 12.6 19.0

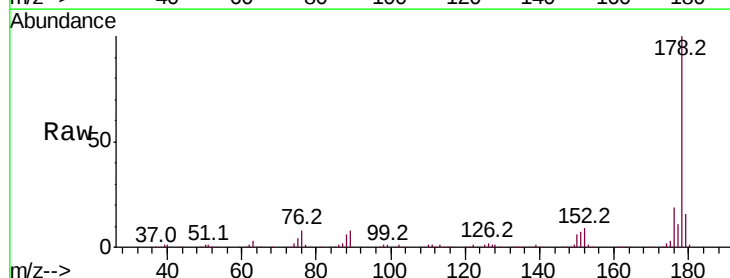


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

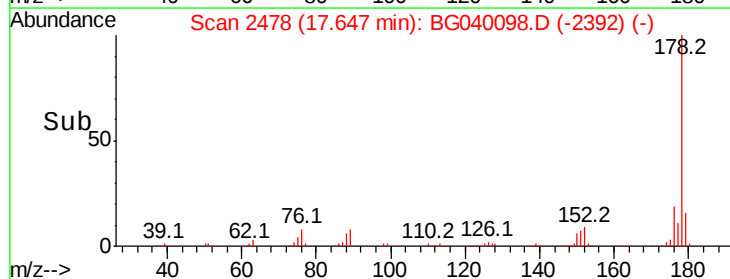
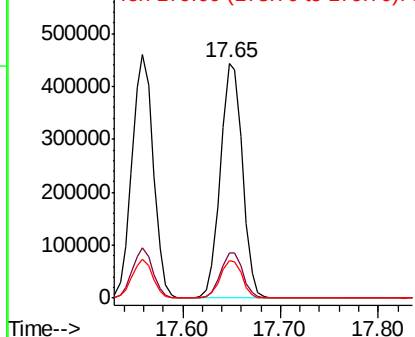


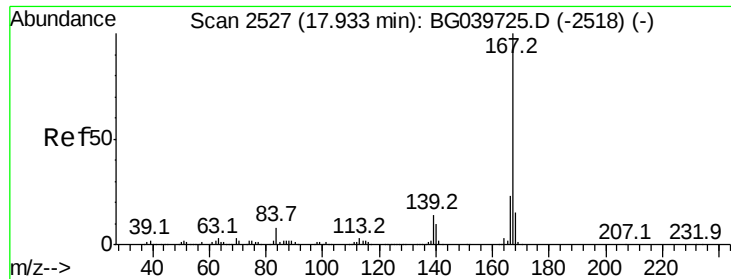
#72
Anthracene
Concen: 39.542 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion:178 Resp: 691902
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 16.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

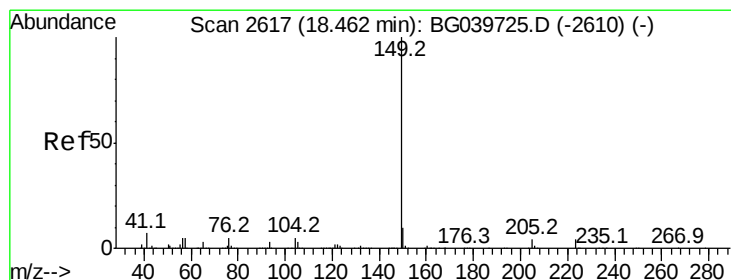
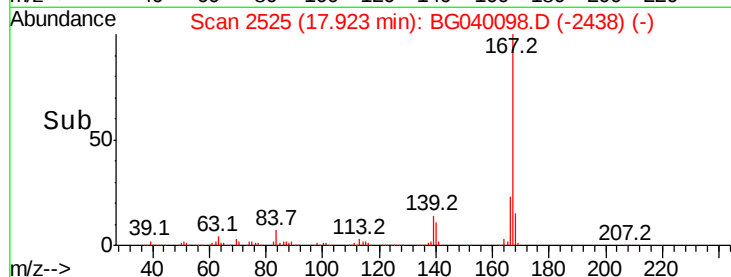
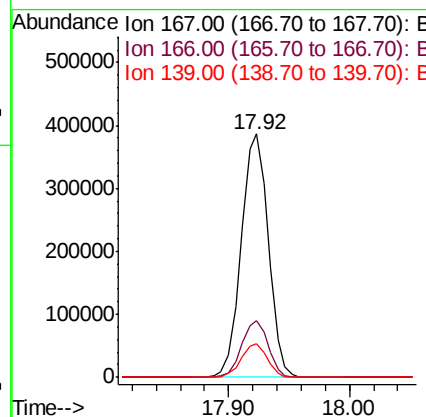
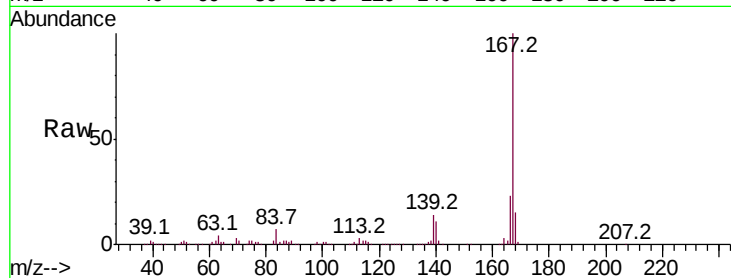




#73
 Carbazole
 Concen: 38.330 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

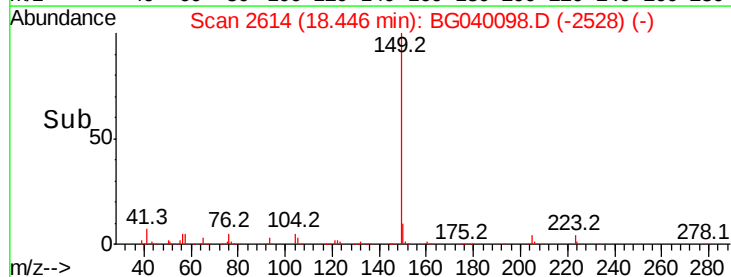
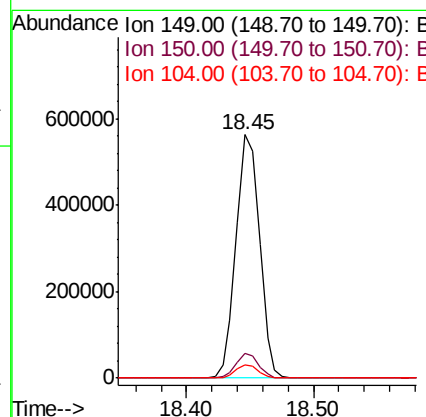
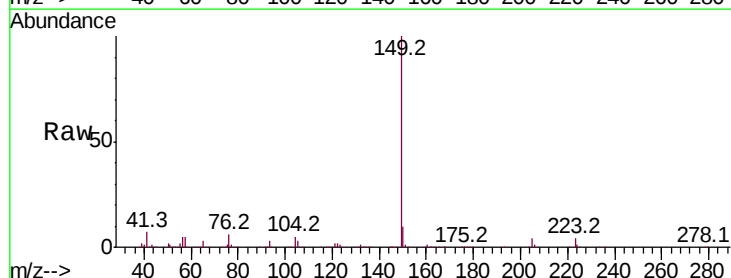
Instrument :
 BNA_G
 ClientSampleId :

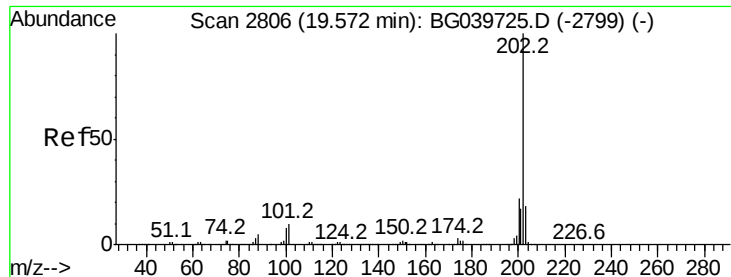
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.4	29.2
139	13.7	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 38.847 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.2	4.5	6.7





#75

Fluoranthene

Concen: 37.714 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040098.D

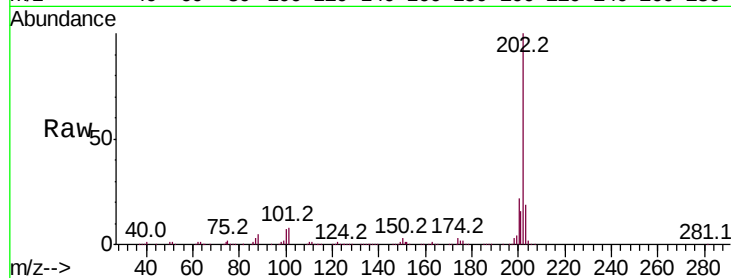
Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampleId :

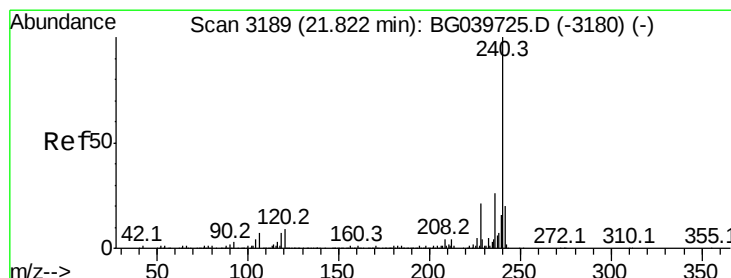
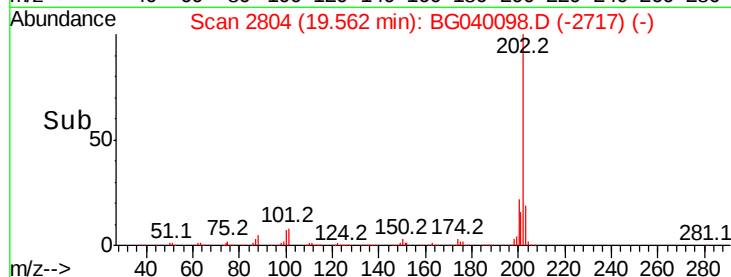
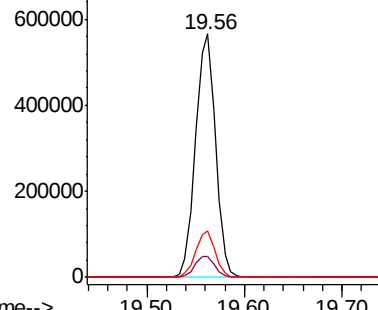
Tot Ion:	202	Resp:	800335
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	30.0
203	19.1	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

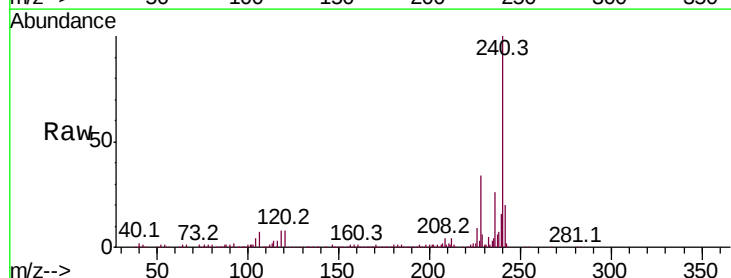
RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

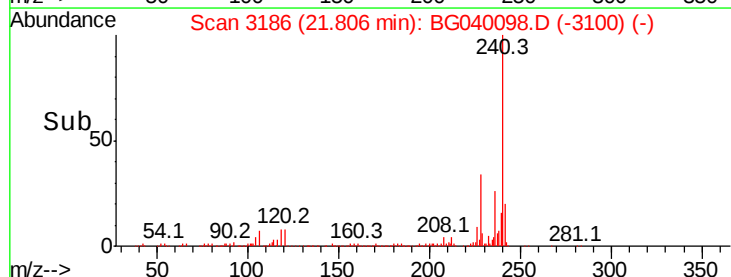
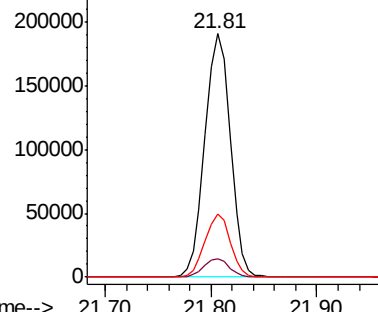
Tgt Ion:	240	Resp:	318584
Ion Ratio	Lower	Upper	
240	100		
120	7.5	7.0	10.6
236	25.9	21.0	31.4

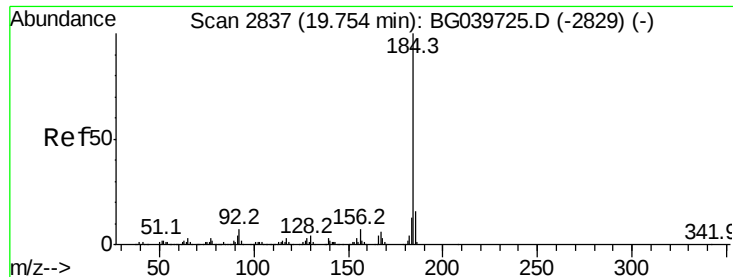


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.919 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampled :

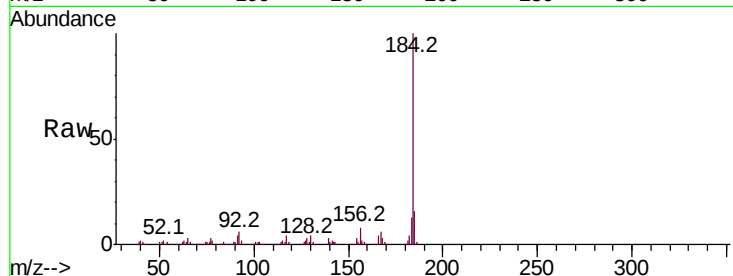
Tot Ion:184 Resp: 312576

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

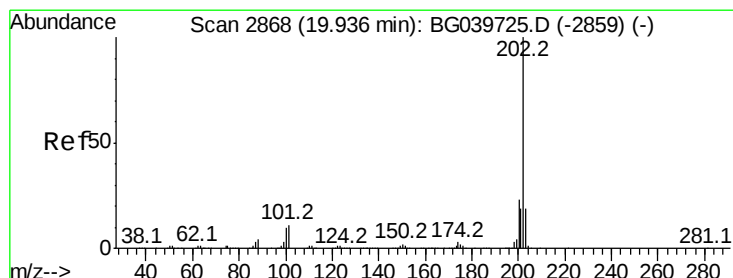
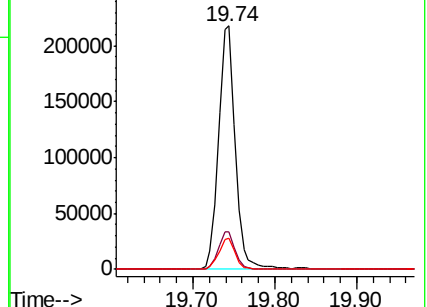
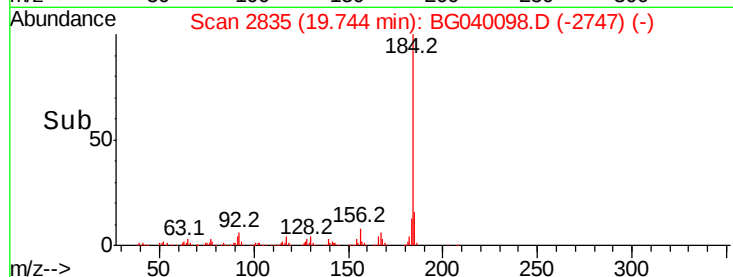
183 12.7 10.6 15.8



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: 39.011 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

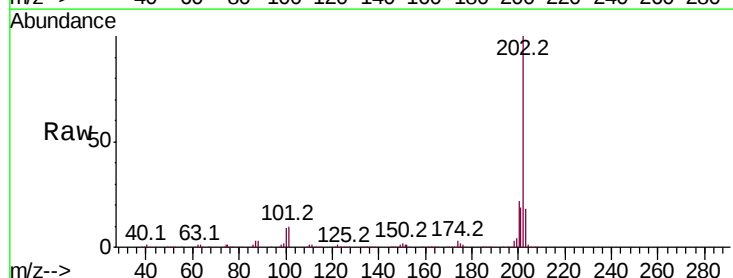
Tgt Ion:202 Resp: 807605

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.8

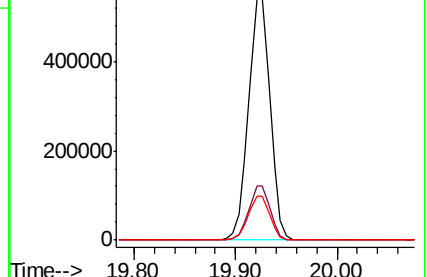
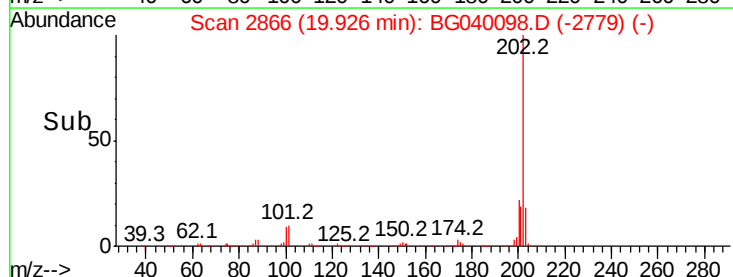
203 18.1 15.3 22.9

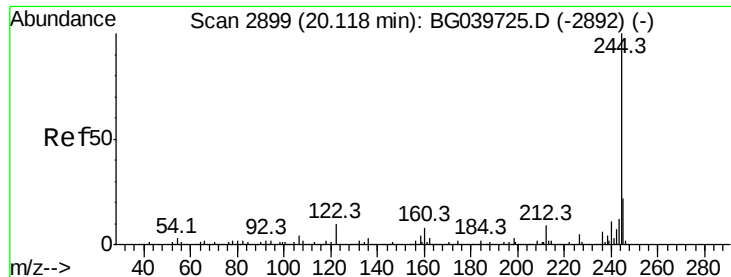


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.106 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampled :

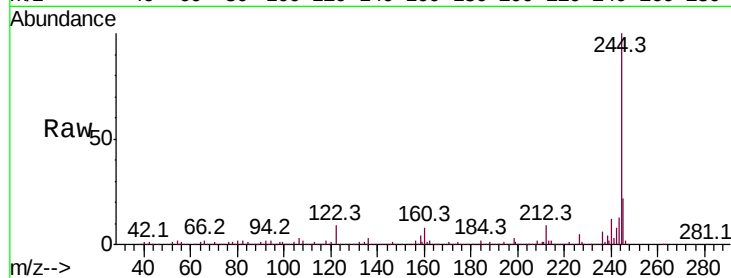
Tot Ion:244 Resp: 1115661

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

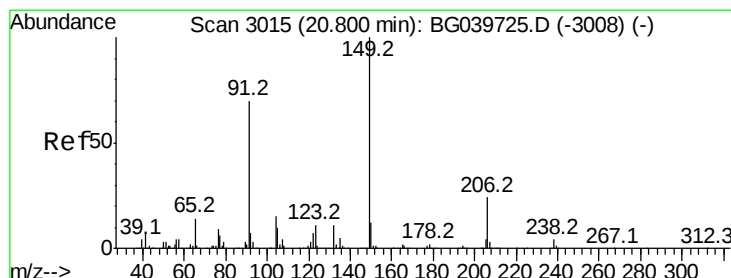
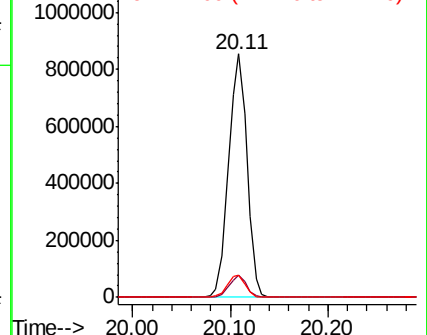
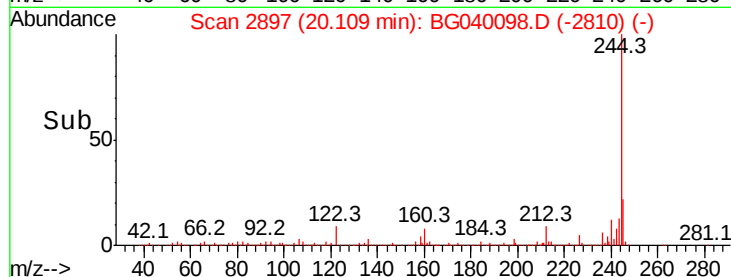
122 9.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.312 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

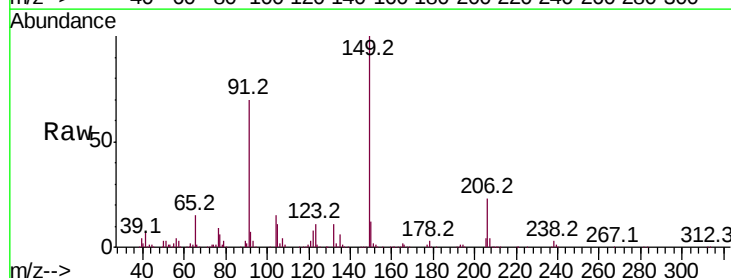
Tgt Ion:149 Resp: 323321

Ion Ratio Lower Upper

149 100

91 69.9 59.5 89.3

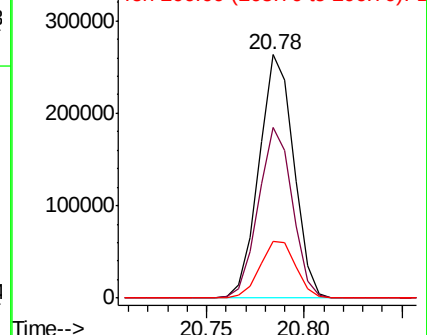
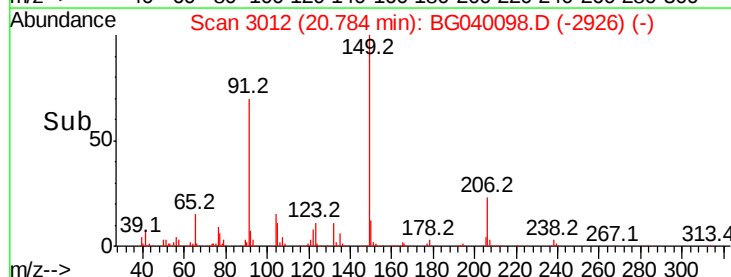
206 23.4 18.6 27.8

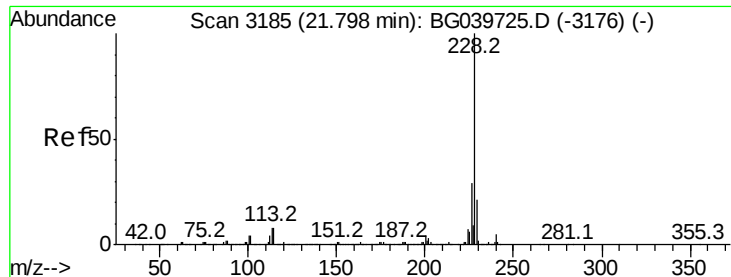


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.953 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampleId :

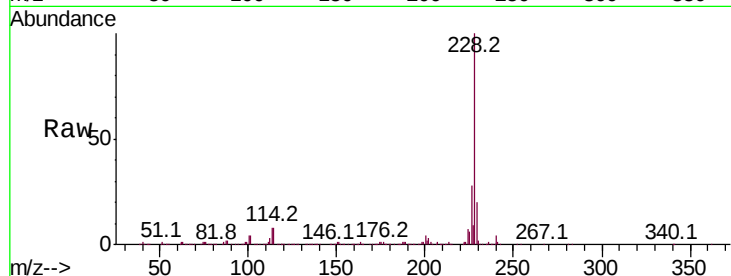
Tot Ion:228 Resp: 777752

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.6

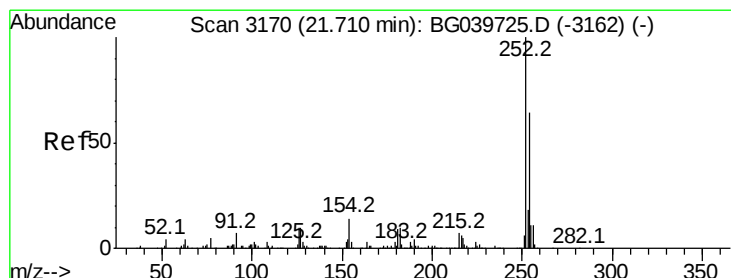
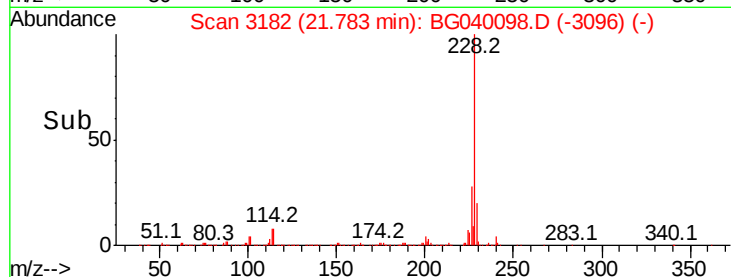
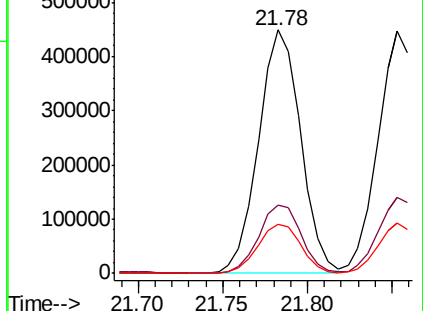
229 20.1 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.829 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

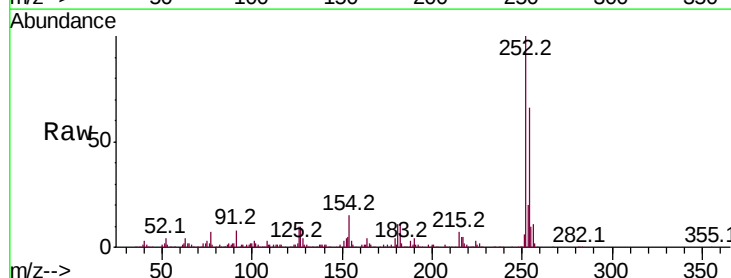
Tgt Ion:252 Resp: 275761

Ion Ratio Lower Upper

252 100

254 66.2 51.3 76.9

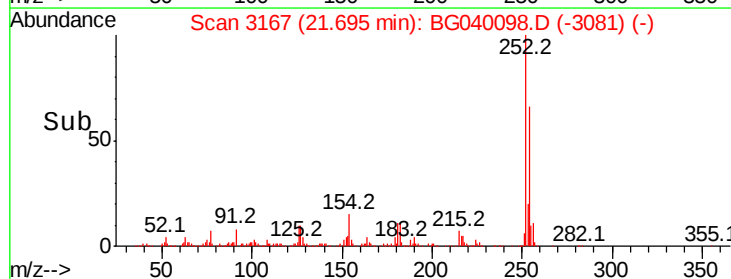
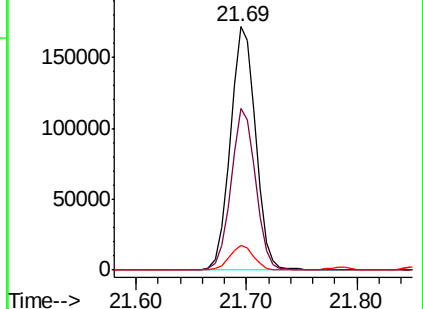
126 10.1 8.0 12.0

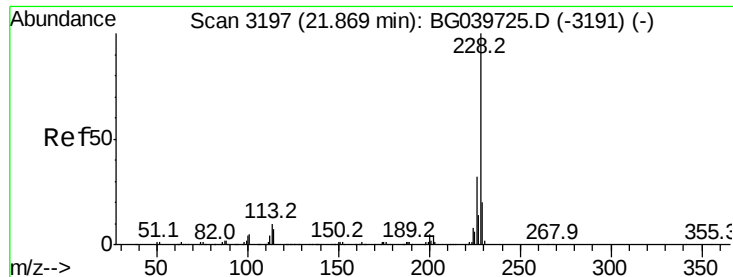


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

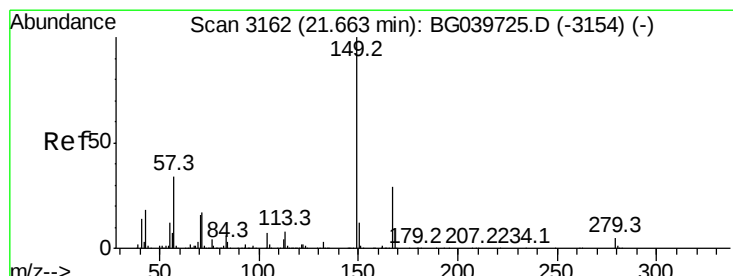
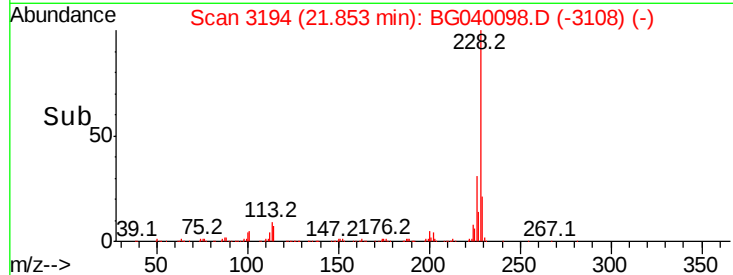
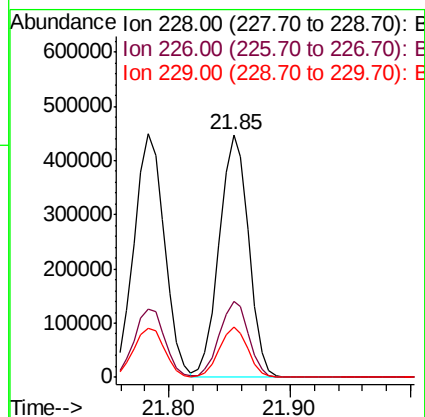
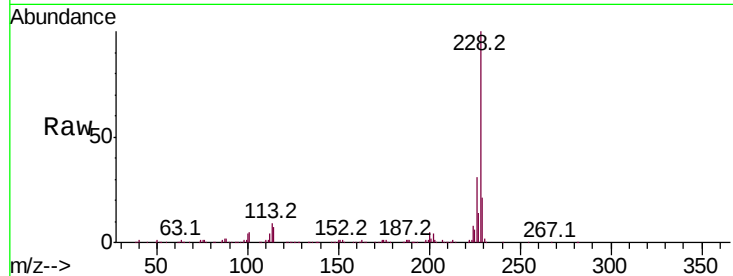




#83
 Chrysene
 Concen: 38.700 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

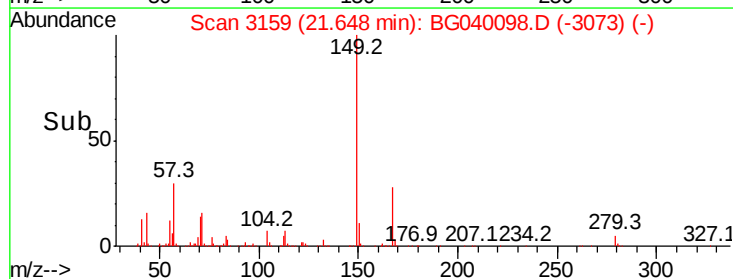
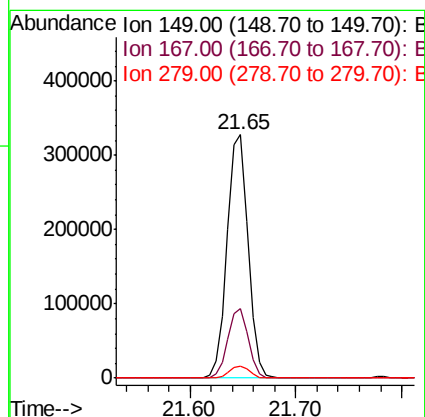
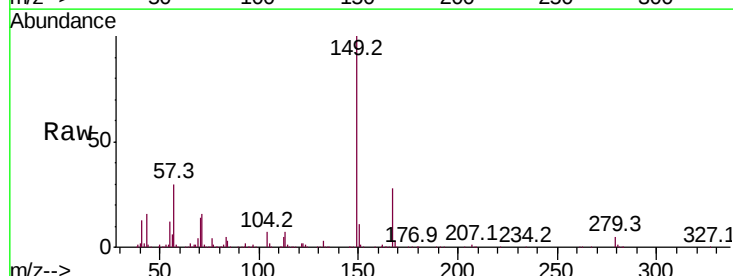
Instrument :
 BNA_G
 ClientSampleId :

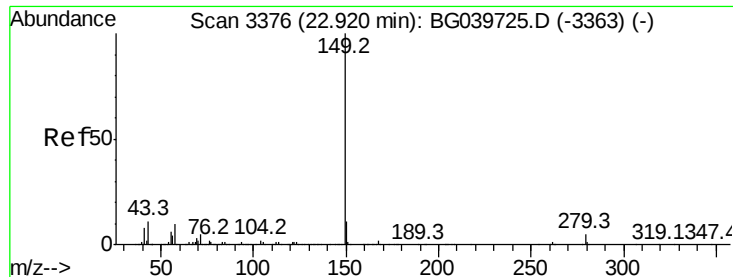
Tot	Ion:228	Resp:	749119
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.8	38.6
229	20.7	16.6	25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.951 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG040098.D
 Acq: 23 Mar 2019 2:14

Tgt	Ion:149	Resp:	450277
Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	5.1	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 40.705 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampleId :

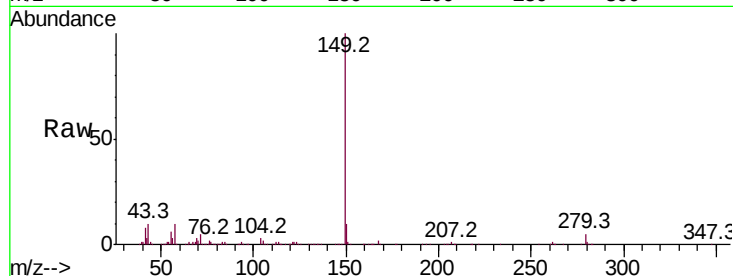
Tot Ion:149 Resp: 759614

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

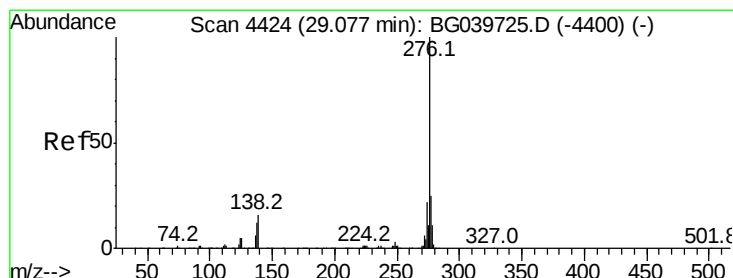
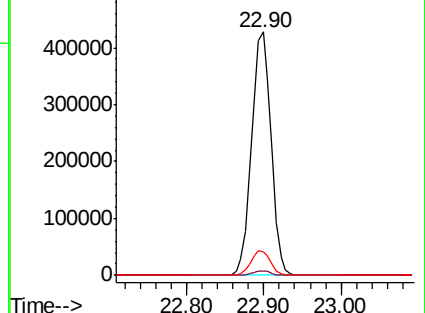
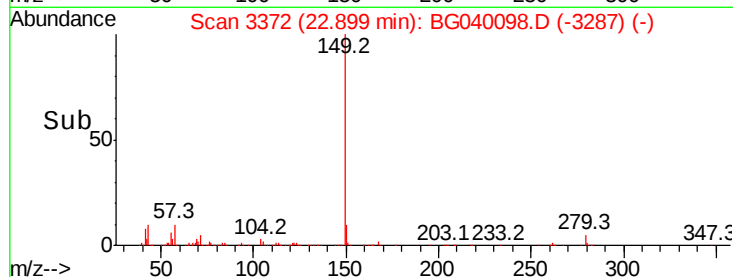
43 10.3 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.134 ng

RT: 29.04 min Scan# 4417

Delta R.T. -0.05 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

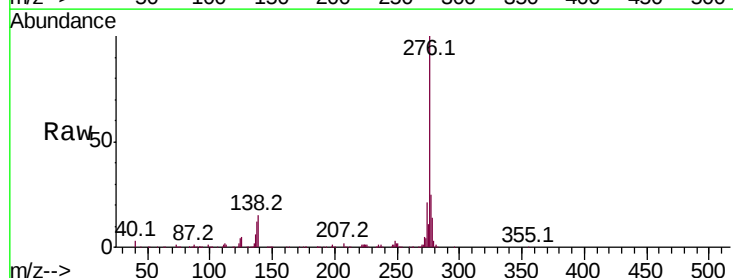
Tgt Ion:276 Resp: 881322

Ion Ratio Lower Upper

276 100

138 19.5 12.6 19.0#

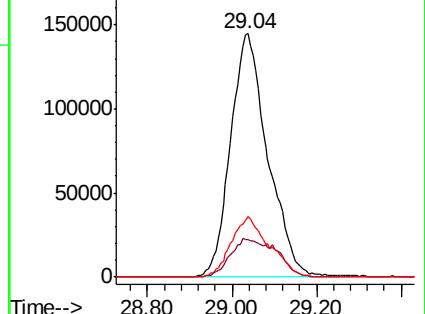
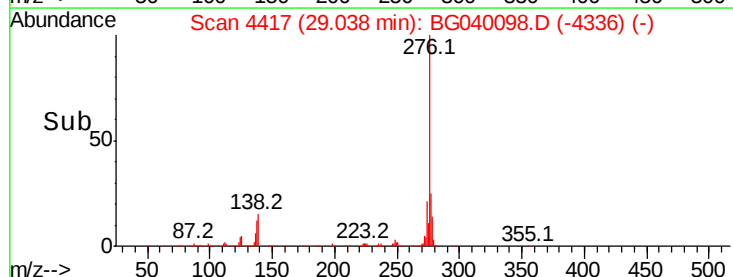
277 25.4 20.8 31.2

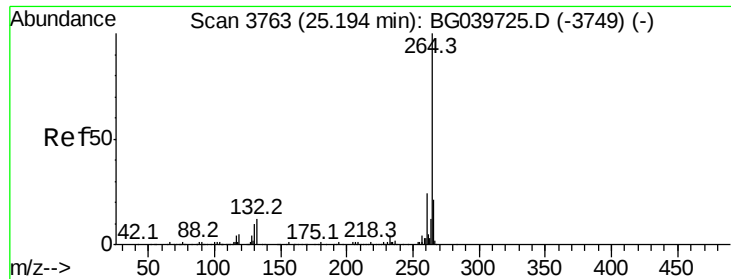


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



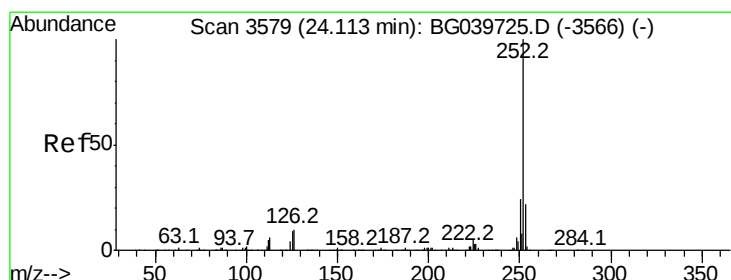
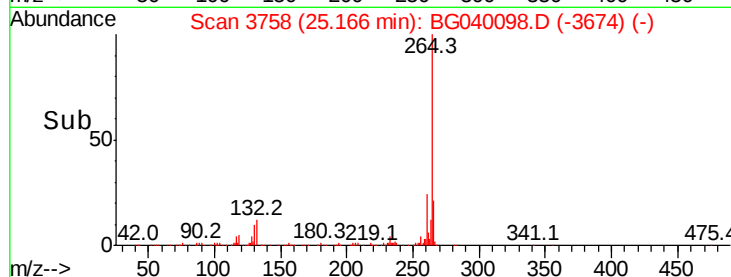
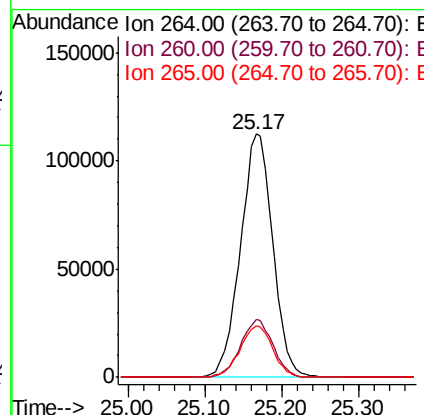
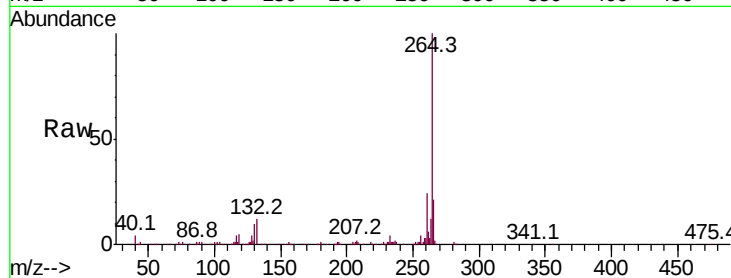


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 330581

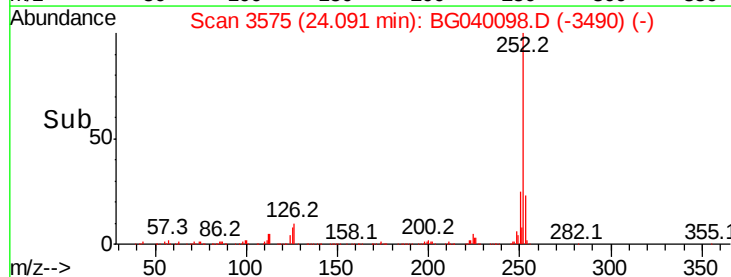
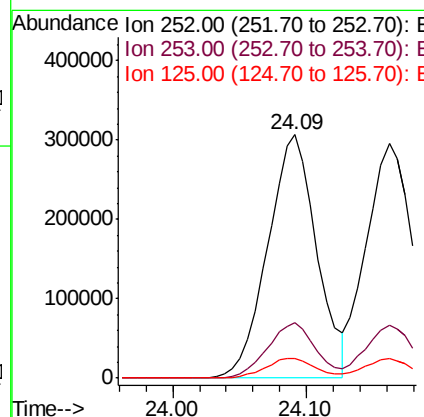
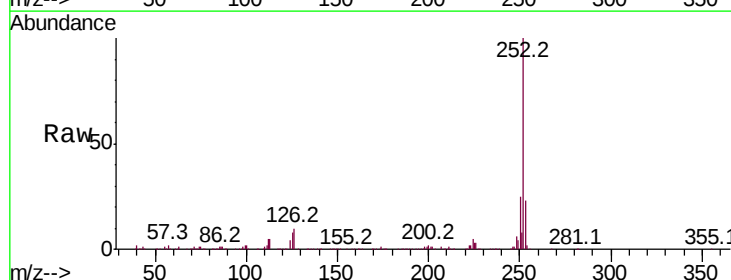
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.0	18.5	27.7

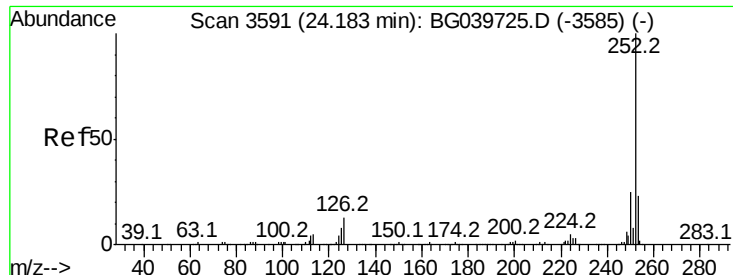


#88
Benzo(b)fluoranthene
Concen: 39.499 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.03 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion:252 Resp: 778652

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	7.9	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 38.572 ng

RT: 24.16 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

Instrument :

BNA_G

ClientSampleId :

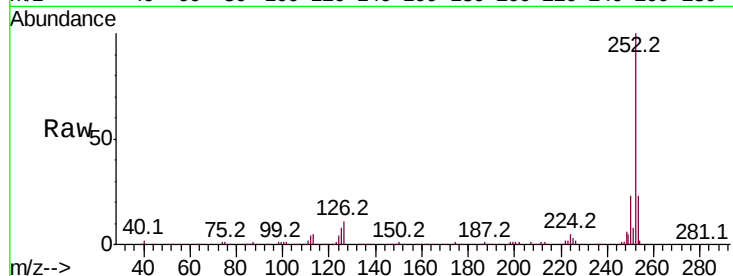
Tot Ion:252 Resp: 707805

Ion Ratio Lower Upper

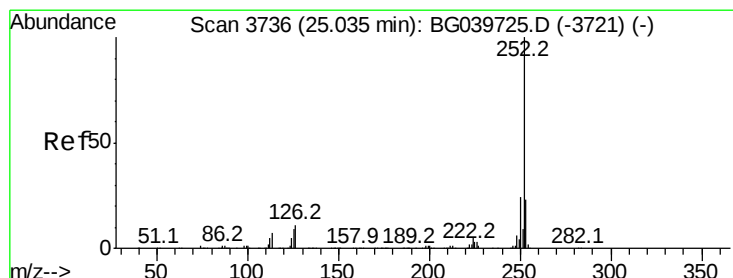
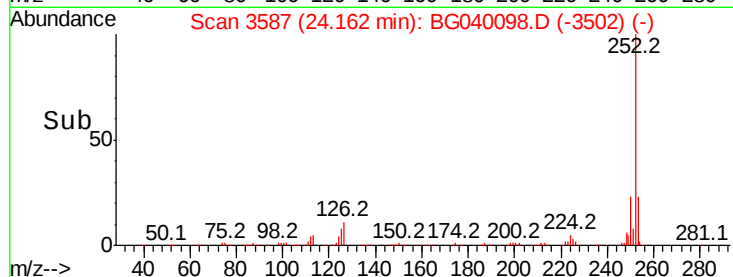
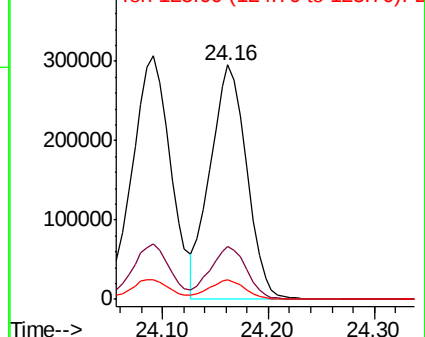
252 100

253 22.7 18.2 27.2

125 8.2 7.4 11.2



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



#90

Benzo(a)pyrene

Concen: 40.053 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BG040098.D

Acq: 23 Mar 2019 2:14

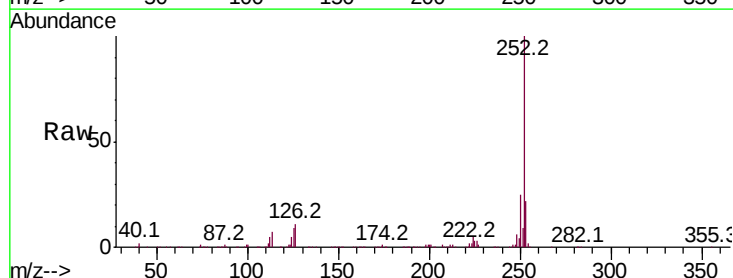
Tgt Ion:252 Resp: 729612

Ion Ratio Lower Upper

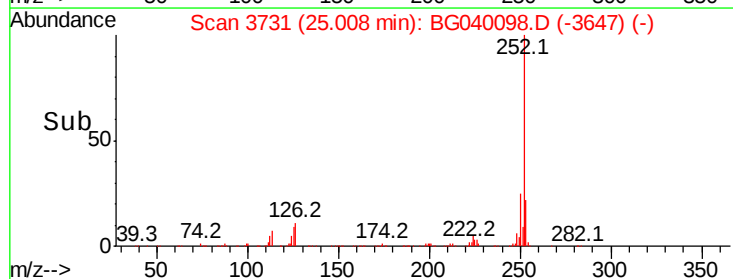
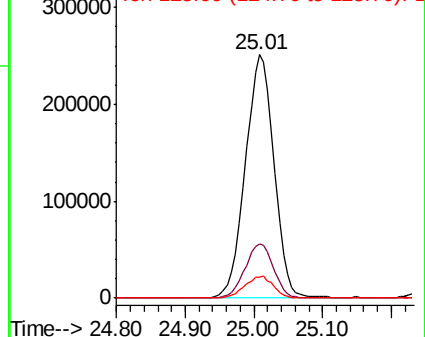
252 100

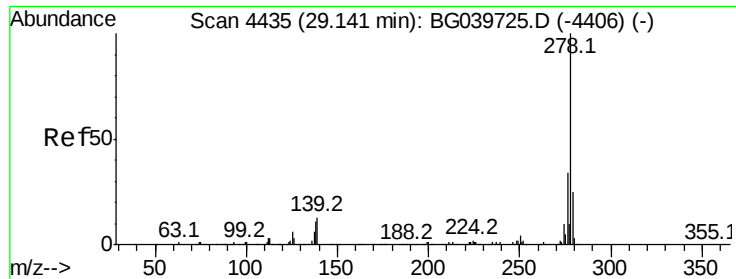
253 22.2 17.9 26.9

125 8.8 8.3 12.5



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

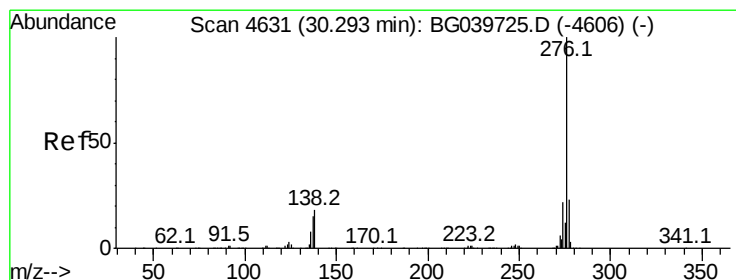
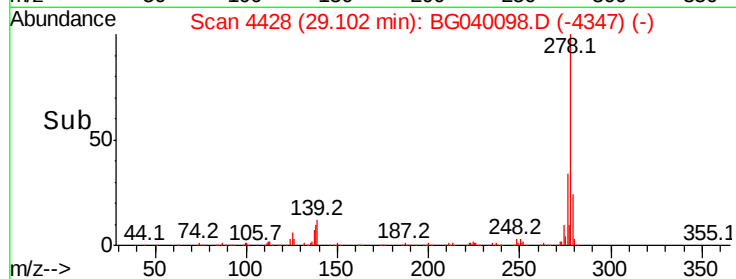
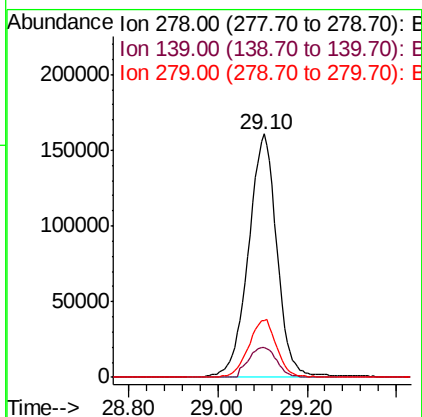
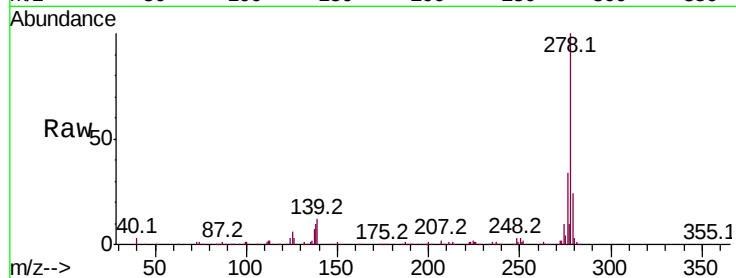




#91
Dibenzo(a,h)anthracene
Concen: 39.407 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.3	11.7	17.5
279	23.5	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 39.673 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG040098.D
Acq: 23 Mar 2019 2:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.6	29.4
138	16.6	14.7	22.1

