

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040099.D
 Acq On : 23 Mar 2019 2:54
 Operator : JU/SJ
 Sample : PB118181BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 04:27:39 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	37993	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	168354	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	118428	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	297054	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	287636	20.00	ng	-0.02
87) Perylene-d12	25.16	264	292809	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	131680	59.13	ng	-0.02
7) Phenol-d6	7.29	99	192690	58.03	ng	-0.02
23) Nitrobenzene-d5	9.32	82	169017	54.30	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	80328	58.19	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	447532	53.81	ng	-0.02
79) Terphenyl-d14	20.11	244	647160	49.54	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	18232	17.733	ng	96
3) Pyridine	3.98	79	50896	18.491	ng	94
4) n-Nitrosodimethylamine	3.90	42	29568	22.644	ng	90
6) Aniline	7.46	93	41517	9.543	ng	93
8) 2-Chlorophenol	7.70	128	71931	26.624	ng	91
9) Benzaldehyde	7.29	77	19009	8.874	ng	100
10) Phenol	7.32	94	97639	27.142	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	67772	24.164	ng	92
12) 1,3-Dichlorobenzene	8.03	146	71589	23.428	ng	97
13) 1,4-Dichlorobenzene	8.17	146	72706	23.360	ng	96
14) 1,2-Dichlorobenzene	8.50	146	69953	23.262	ng	99
15) Benzyl Alcohol	8.38	79	65905	25.020	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	124549	22.204	ng	99
17) 2-Methylphenol	8.57	107	64919	28.302	ng	94
18) Hexachloroethane	9.23	117	25240	22.600	ng	94
19) n-Nitroso-di-n-propylamine	8.94	70	53954	22.574	ng	88
20) 3+4-Methylphenols	8.90	107	88720	27.842	ng	97
22) Acetophenone	8.97	105	105508	23.350	ng	# 95
24) Nitrobenzene	9.36	77	81700	25.019	ng	99
25) Isophorone	9.87	82	156311	23.965	ng	98
26) 2-Nitrophenol	10.07	139	41309	26.200	ng	96
27) 2,4-Dimethylphenol	10.11	122	75630	30.842	ng	96
28) bis(2-Chloroethoxy)methane	10.35	93	97746	24.661	ng	97
29) 2,4-Dichlorophenol	10.60	162	79795	28.902	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	79876	25.711	ng	97
31) Naphthalene	11.01	128	221606	24.861	ng	98
32) Benzoic acid	10.24	122	31186	22.575	ng	93
33) 4-Chloroaniline	11.13	127	40460	10.704	ng	96
34) Hexachlorobutadiene	11.27	225	52089	24.536	ng	97
35) Caprolactam	11.90	113	27143	25.737	ng	# 81
36) 4-Chloro-3-methylphenol	12.23	107	86488	27.328	ng	99
37) 2-Methylnaphthalene	12.60	142	176701	26.515	ng	97
38) 1-Methylnaphthalene	12.82	142	166716	25.743	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	99874	24.894	ng	100

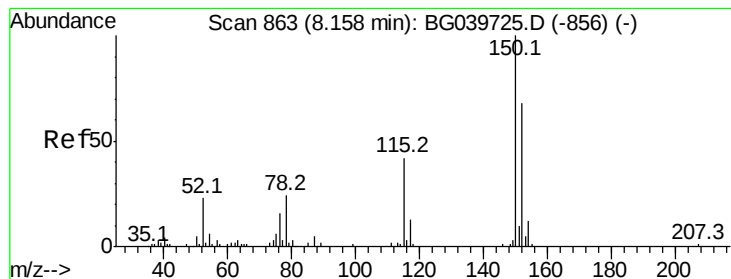
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	127087	59.108	nq	99
43) 2,4,6-Trichlorophenol	13.20	196	68129	29.005	nq	94
44) 2,4,5-Trichlorophenol	13.28	196	73652	27.818	nq	98
46) 1,1'-Biphenyl	13.60	154	242055	24.850	nq	97
47) 2-Chloronaphthalene	13.66	162	189807	25.903	nq	98
48) 2-Nitroaniline	13.86	65	60695	25.774	nq	90
49) Acenaphthylene	14.50	152	304003	25.272	nq	100
50) Dimethylphthalate	14.21	163	258567	26.110	nq	100
51) 2,6-Dinitrotoluene	14.35	165	56933	27.119	nq	91
52) Acenaphthene	14.84	154	184779	25.522	nq	98
53) 3-Nitroaniline	14.68	138	28567	13.537	nq	# 90
54) 2,4-Dinitrophenol	14.88	184	47246	38.598	nq	94
55) Dibenzofuran	15.17	168	311674	26.238	nq	99
56) 4-Nitrophenol	14.98	139	88180	46.710	nq	# 86
57) 2,4-Dinitrotoluene	15.13	165	83755	28.393	nq	# 83
58) Fluorene	15.81	166	244904	26.226	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	73495	28.424	nq	96
60) Diethylphthalate	15.56	149	259883	26.510	nq	98
61) 4-Chlorophenyl-phenylether	15.80	204	130050	26.098	nq	98
62) 4-Nitroaniline	15.84	138	56203	24.566	nq	95
63) Azobenzene	16.09	77	228158	25.675	nq	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	41442	23.595	nq	92
66) n-Nitrosodiphenylamine	16.02	169	227830	26.493	nq	99
67) 4-Bromophenyl-phenylether	16.69	248	86795	26.103	nq	93
68) Hexachlorobenzene	16.80	284	88553	25.693	nq	95
69) Atrazine	16.96	200	89890	26.559	nq	97
70) Pentachlorophenol	17.16	266	95089	43.685	nq	98
71) Phenanthrene	17.56	178	419044	25.611	nq	99
72) Anthracene	17.65	178	424089	26.598	nq	98
73) Carbazole	17.92	167	360901	25.107	nq	98
74) Di-n-butylphthalate	18.45	149	445650	26.351	nq	99
75) Fluoranthene	19.56	202	493102	25.500	nq	98
77) Benzidine	19.74	184	101536	11.124	nq	98
78) Pyrene	19.92	202	497260	26.605	nq	97
80) Butylbenzylphthalate	20.79	149	193973	26.787	nq	92
81) Benzo(a)anthracene	21.78	228	455434	25.264	nq	98
82) 3,3'-Dichlorobenzidine	21.69	252	83078	12.623	nq	96
83) Chrysene	21.85	228	436266	24.963	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	264692	26.012	nq	99
85) Di-n-octyl phthalate	22.90	149	457164	27.133	nq	# 94
86) Indeno(1,2,3-cd)pyrene	29.02	276	496827	25.059	nq	# 96
88) Benzo(b)fluoranthene	24.08	252	440806	25.245	nq	98
89) Benzo(k)fluoranthene	24.16	252	446027	27.442	nq	98
90) Benzo(a)pyrene	25.00	252	435202	26.973	nq	# 98
91) Dibenzo(a,h)anthracene	29.09	278	410211	25.933	nq	98
92) Benzo(g,h,i)perylene	30.24	276	413555	26.032	nq	95

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

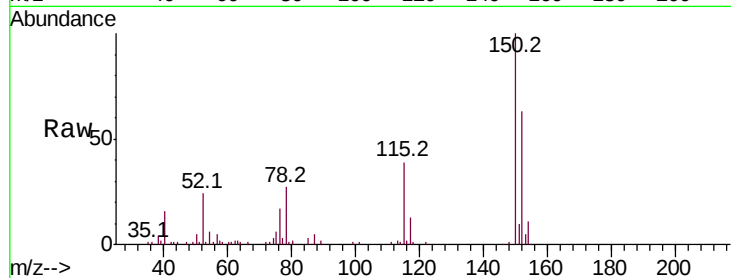


#1

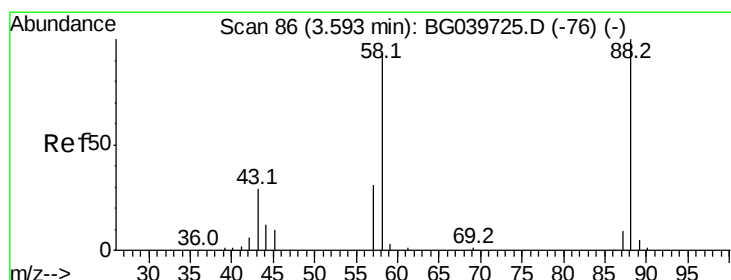
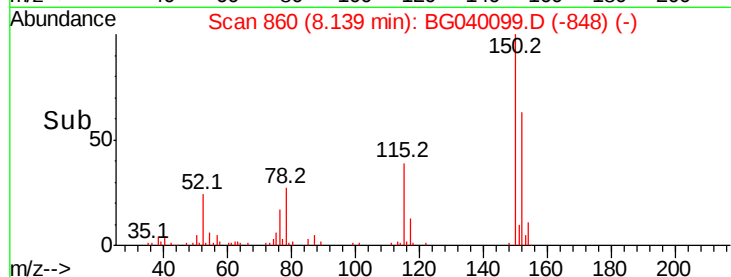
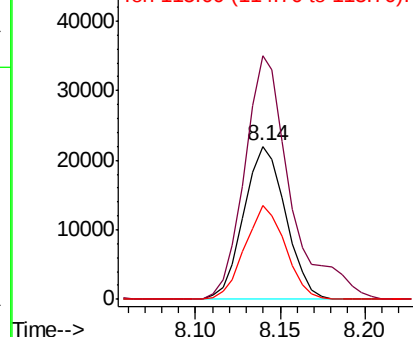
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 37993
Ion Ratio Lower Upper
152 100
150 159.3 123.7 185.5
115 61.4 45.9 68.9



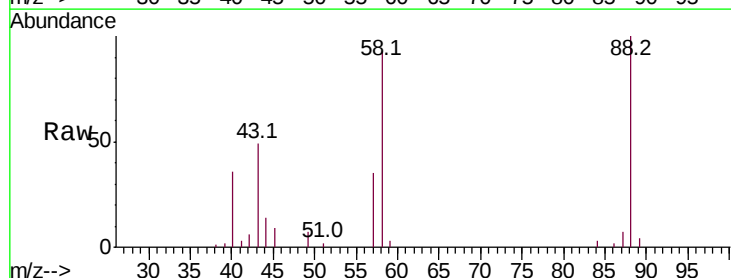
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



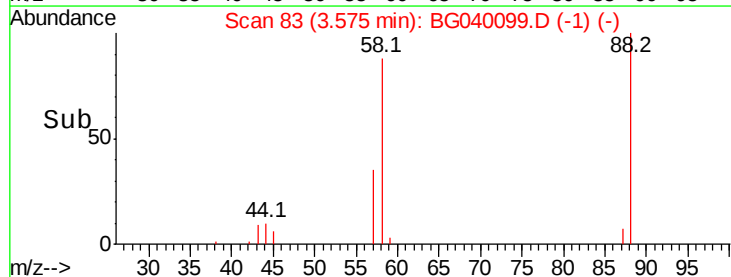
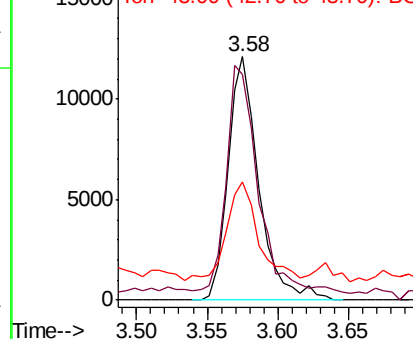
#2

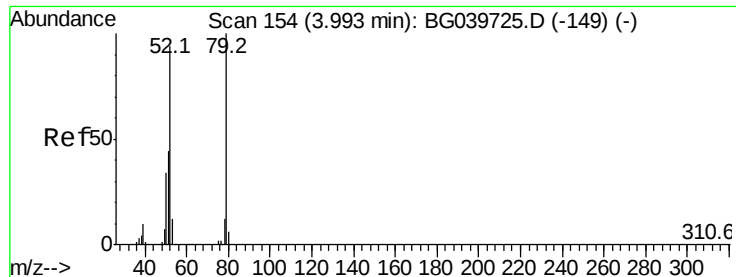
1,4-Dioxane
Concen: 17.733 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Tgt Ion: 88 Resp: 18232
Ion Ratio Lower Upper
88 100
58 97.5 81.1 121.7
43 41.3 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: 18.491 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

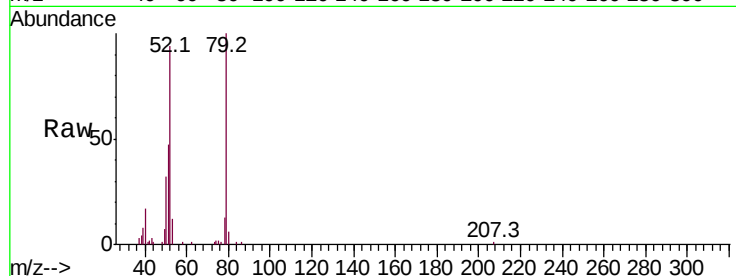
Tot Ion: 79 Resp: 50896

Ion Ratio Lower Upper

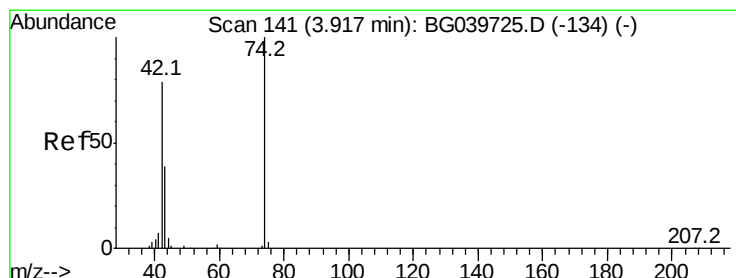
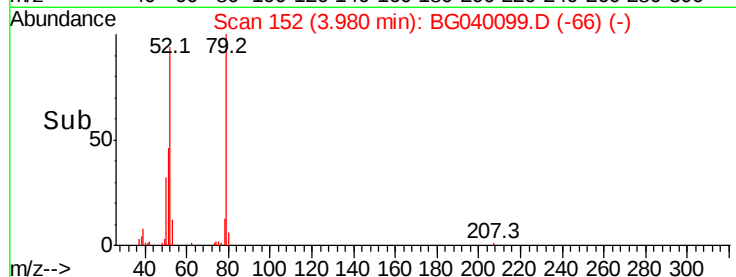
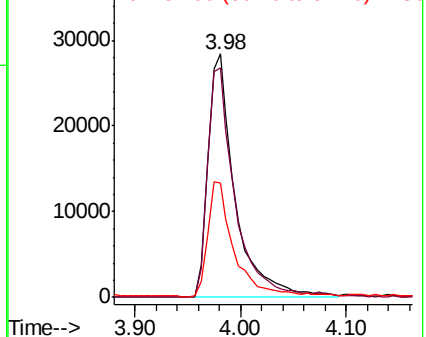
79 100

52 94.5 82.6 124.0

51 46.8 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 22.644 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

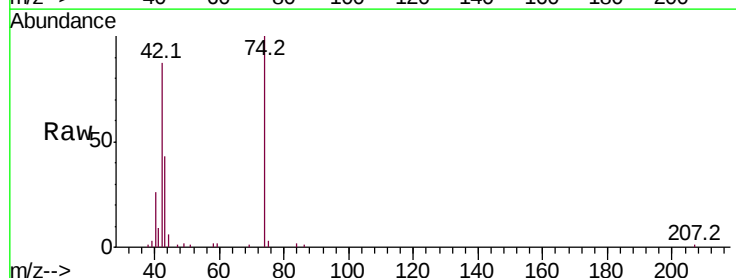
Tgt Ion: 42 Resp: 29568

Ion Ratio Lower Upper

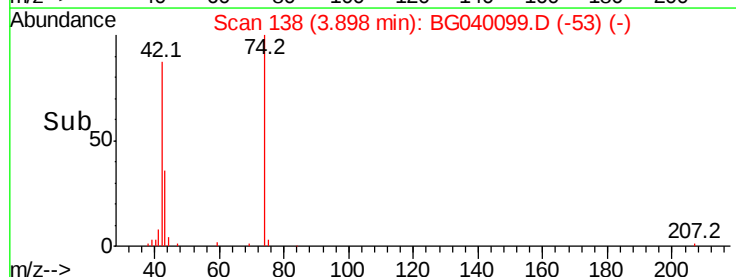
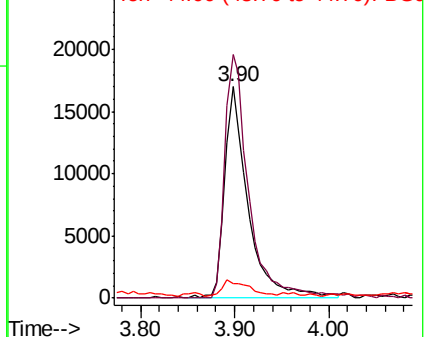
42 100

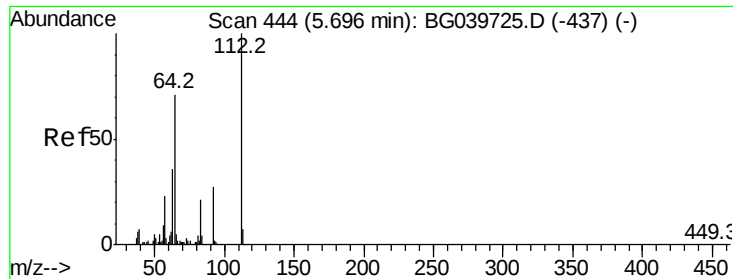
74 115.4 83.6 125.4

44 7.2 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 59.129 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

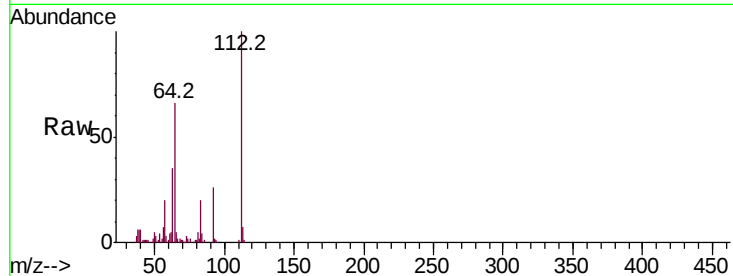
Tot Ion:112 Resp: 131680

Ion Ratio Lower Upper

112 100

64 66.4 57.8 86.8

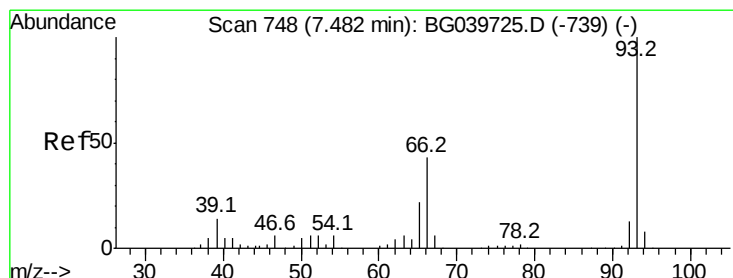
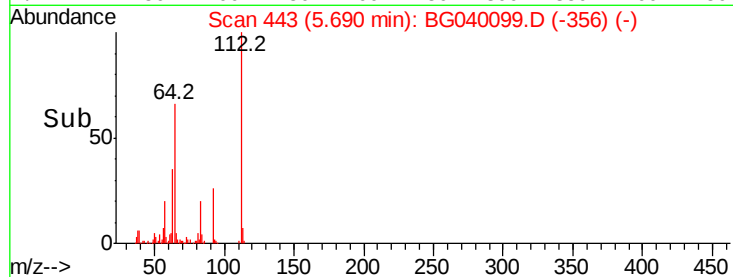
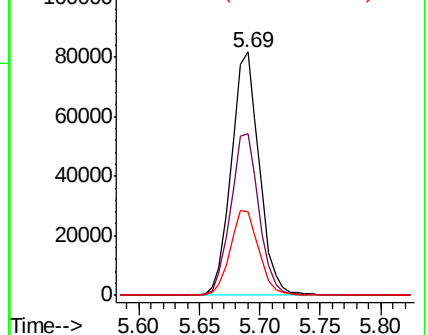
63 34.6 29.8 44.6



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: 9.543 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

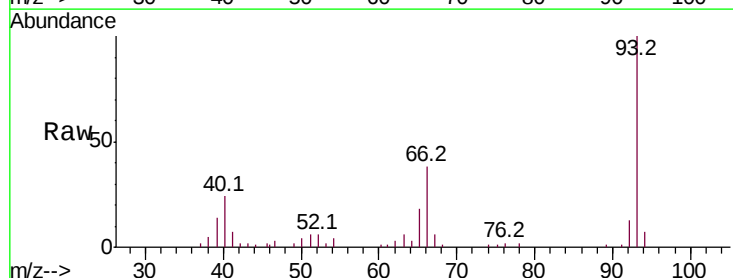
Tgt Ion: 93 Resp: 41517

Ion Ratio Lower Upper

93 100

66 38.3 34.2 51.4

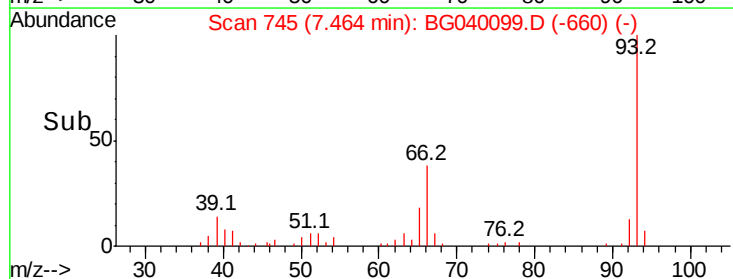
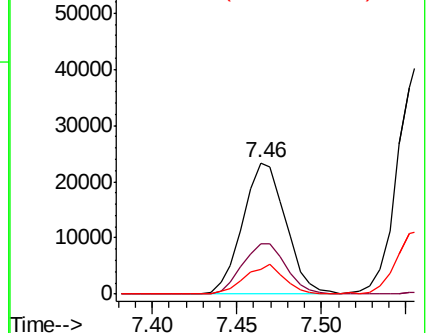
65 18.4 17.7 26.5

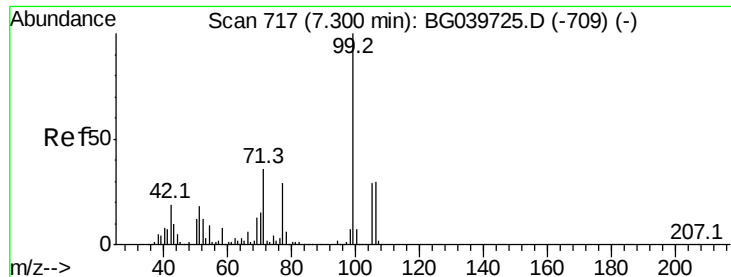


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 58.029 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

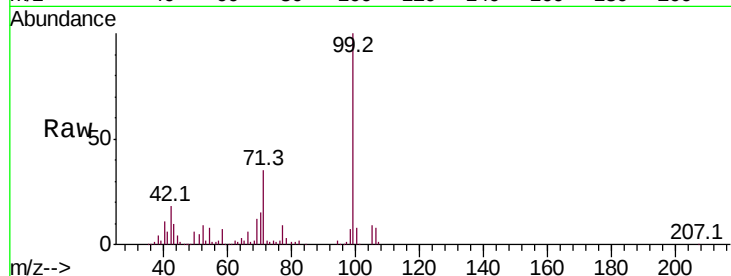
Tot Ion: 99 Resp: 192690

Ion Ratio Lower Upper

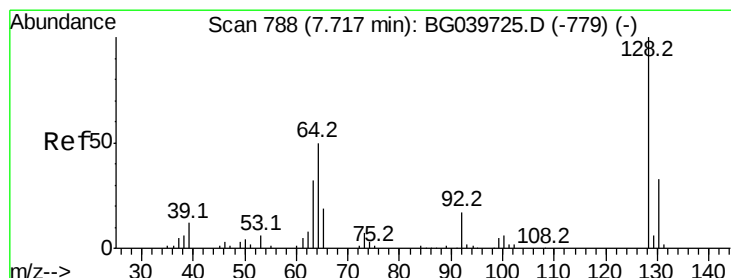
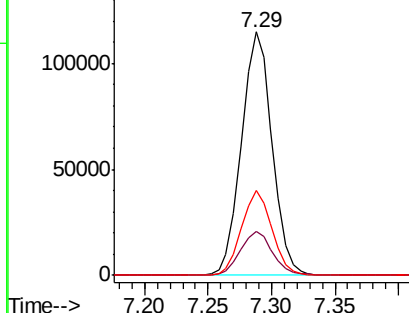
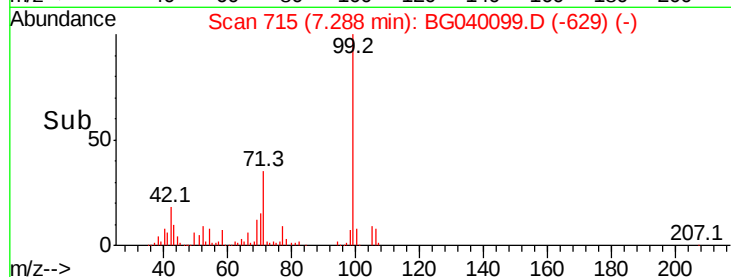
99 100

42 18.3 18.2 27.2

71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 26.624 ng

RT: 7.70 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

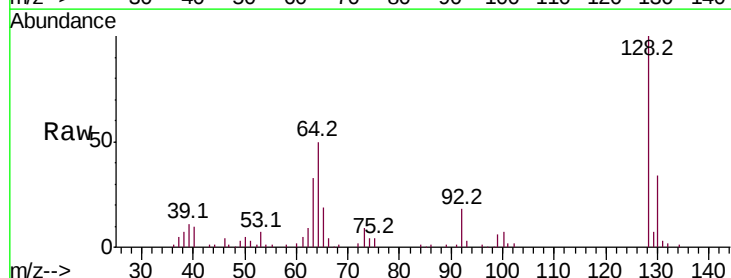
Tgt Ion: 128 Resp: 71931

Ion Ratio Lower Upper

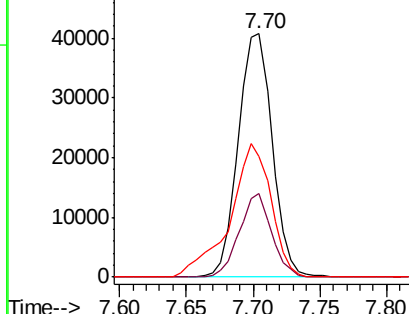
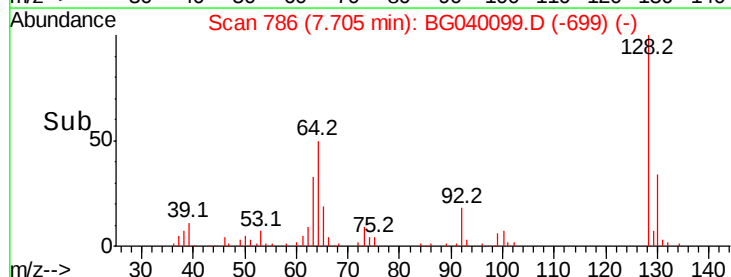
128 100

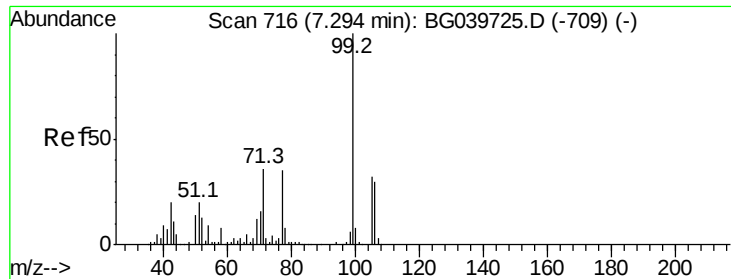
130 34.5 12.9 52.9

64 49.6 38.7 78.7



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





#9

Benzaldehyde

Concen: 8.874 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampled :

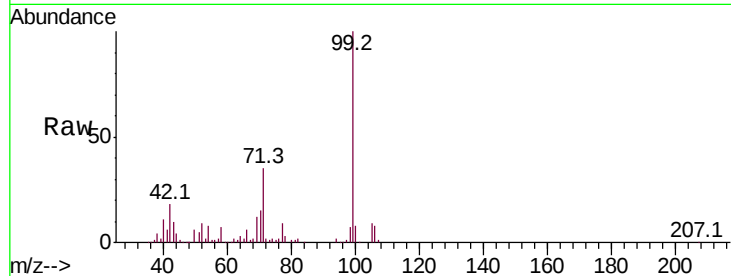
Tot Ion: 77 Resp: 19009

Ion Ratio Lower Upper

77 100

105 95.0 74.5 114.5

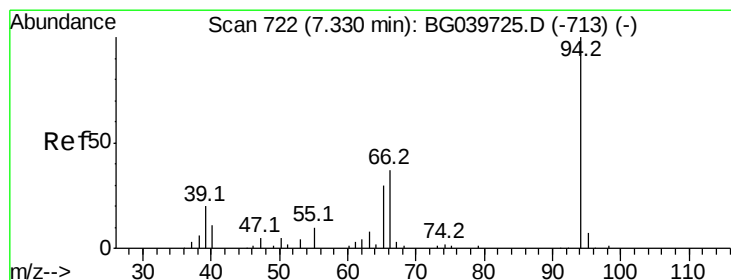
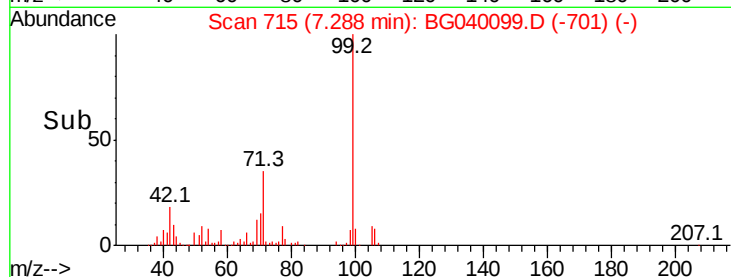
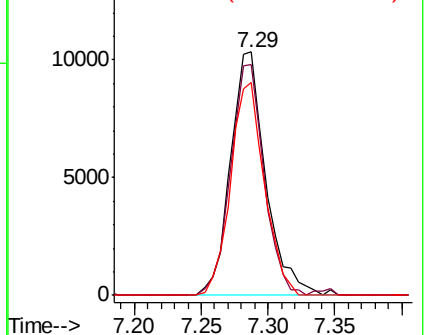
106 87.7 68.0 108.0



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: 27.142 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

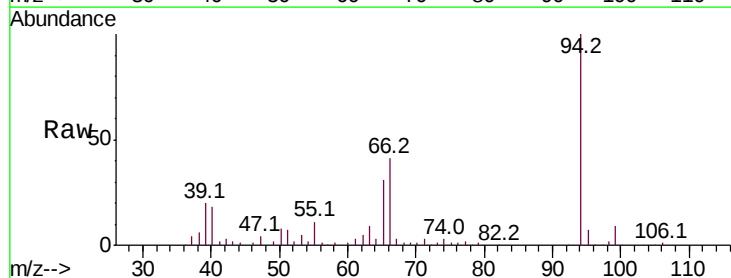
Tgt Ion: 94 Resp: 97639

Ion Ratio Lower Upper

94 100

65 31.2 11.7 51.7

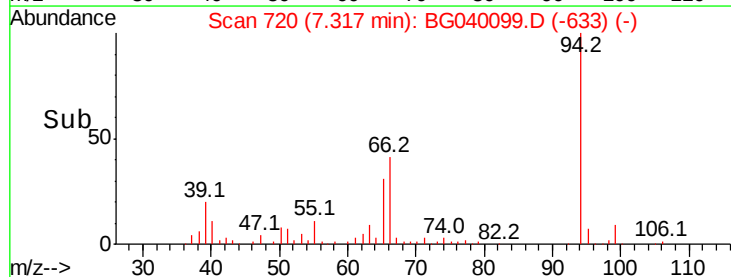
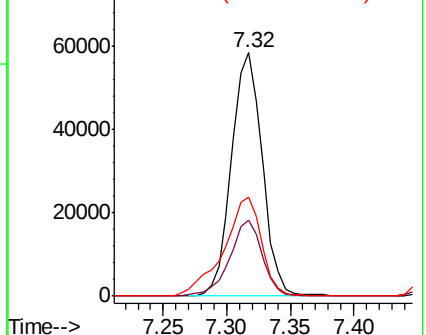
66 40.9 23.7 63.7

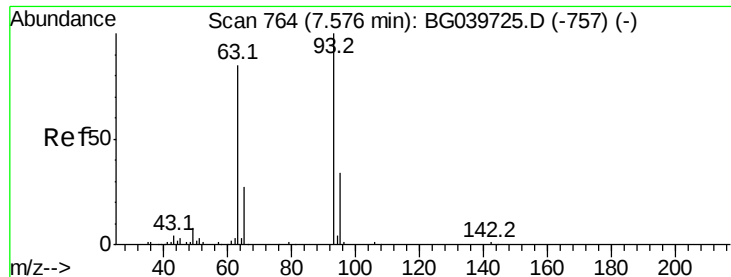


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 24.164 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampled :

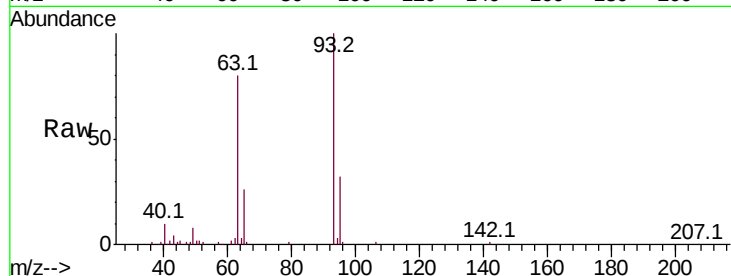
Tot Ion: 93 Resp: 67772

Ion Ratio Lower Upper

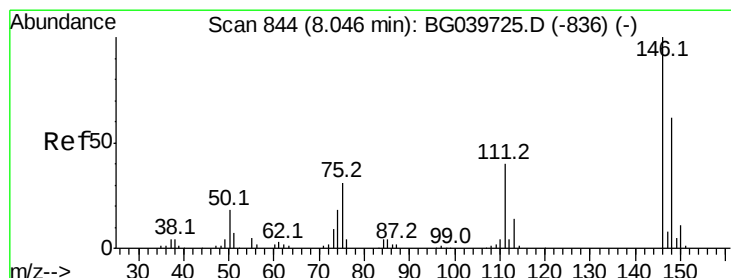
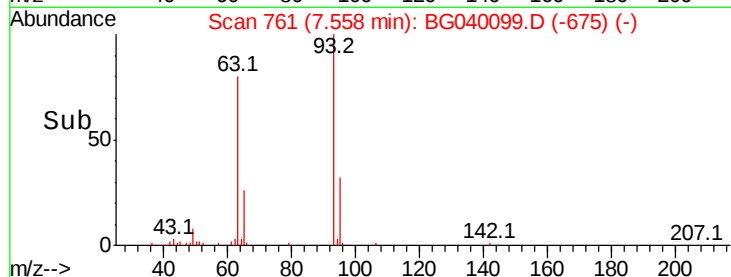
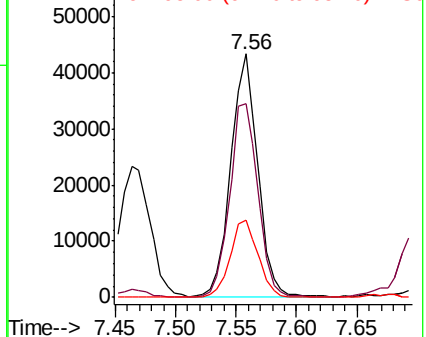
93 100

63 79.8 69.5 109.5

95 31.5 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: 23.428 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

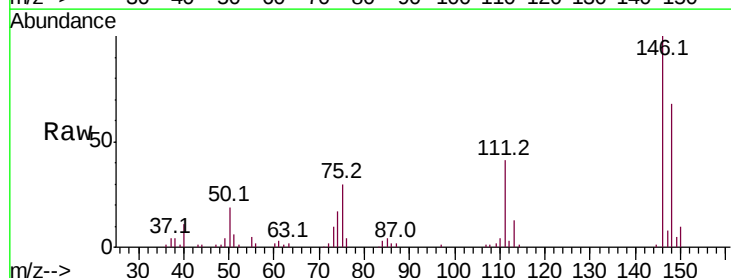
Tgt Ion: 146 Resp: 71589

Ion Ratio Lower Upper

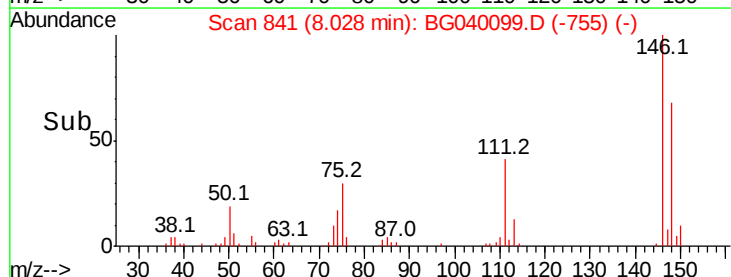
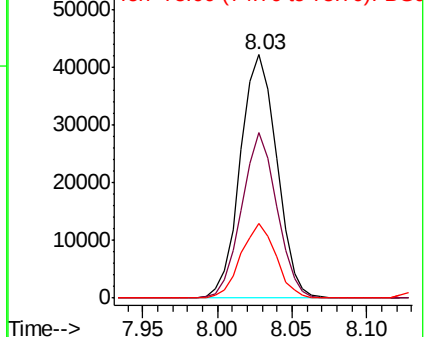
146 100

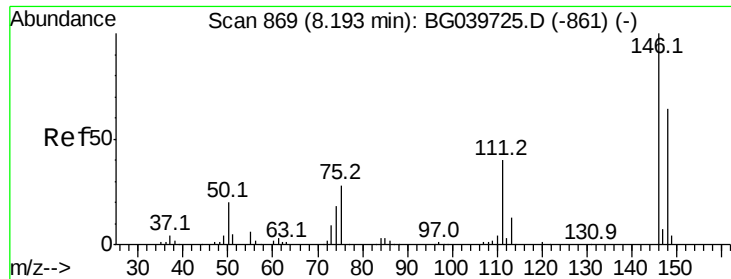
148 68.0 52.6 79.0

75 30.4 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

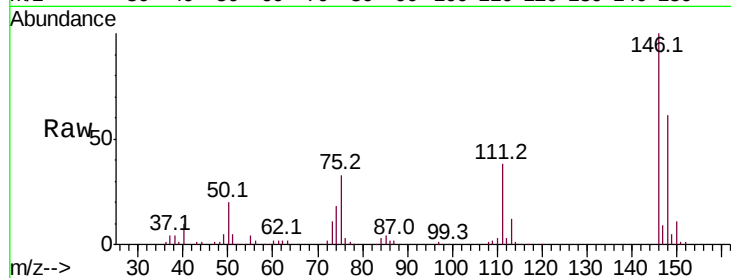




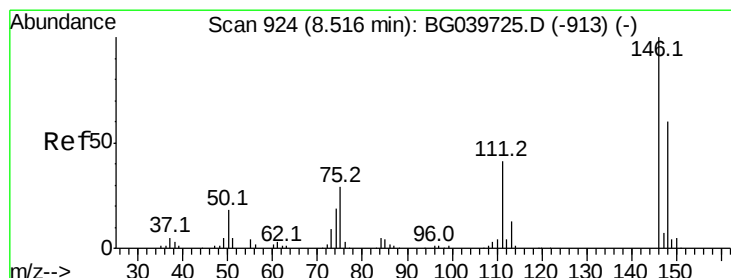
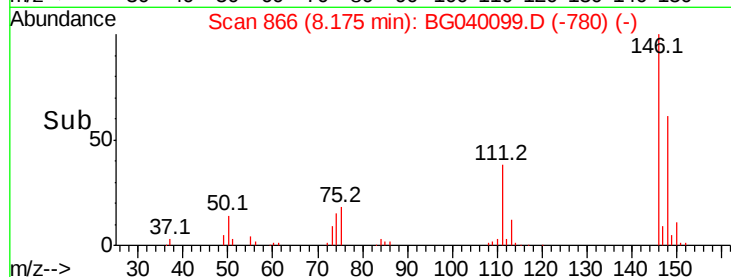
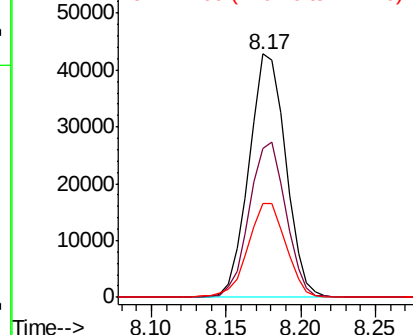
#13
 1,4-Dichlorobenzene
 Concen: 23.360 ng
 RT: 8.17 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 72706
 Ion Ratio Lower Upper
 146 100
 148 61.2 51.1 76.7
 111 38.3 32.6 48.8

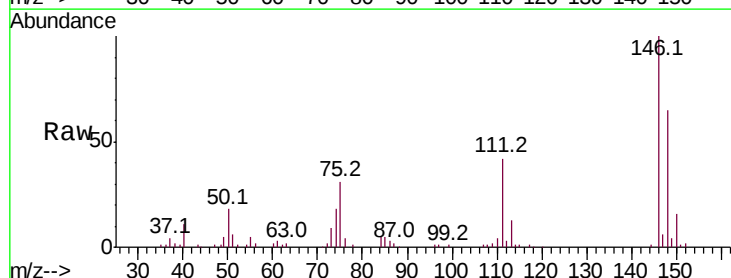


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

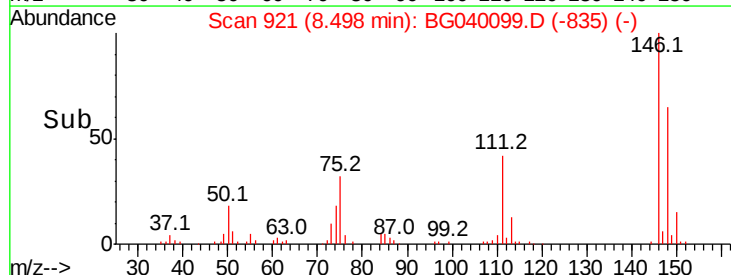
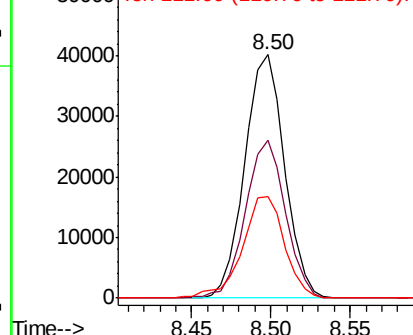


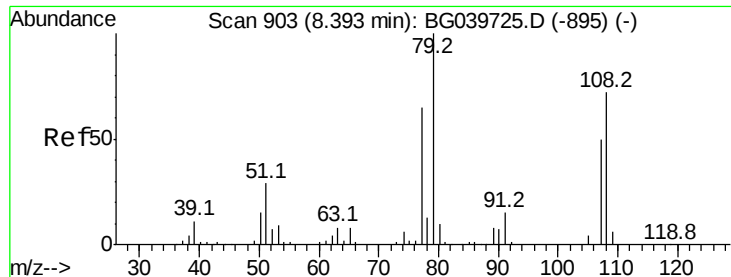
#14
 1,2-Dichlorobenzene
 Concen: 23.262 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Tgt Ion:146 Resp: 69953
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.5 77.3
 111 41.7 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: 25.020 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

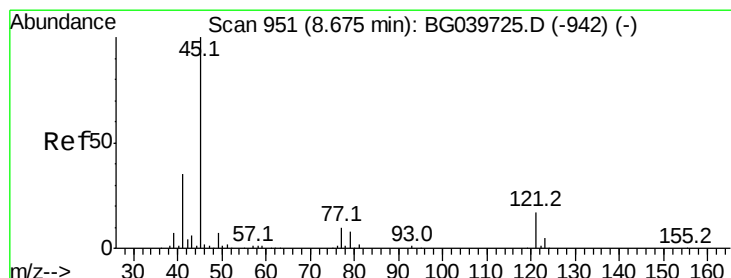
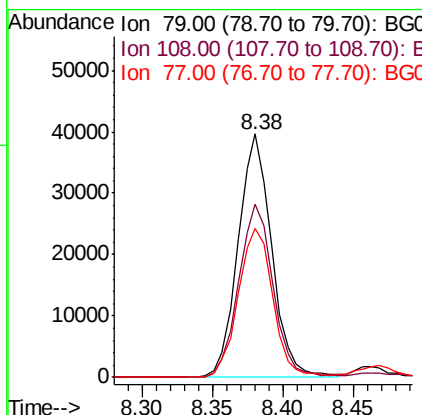
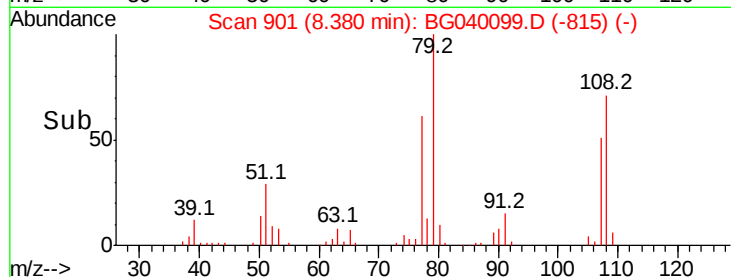
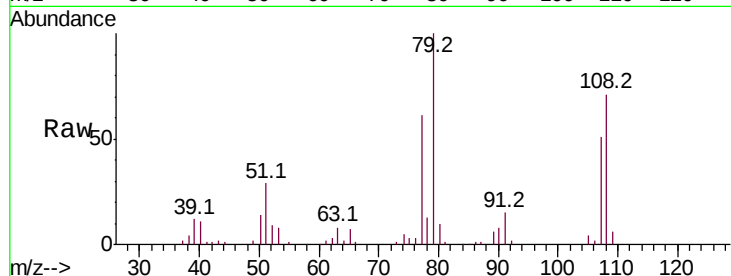
Tot Ion: 79 Resp: 65905

Ion Ratio Lower Upper

79 100

108 71.1 57.8 86.6

77 60.9 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.204 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

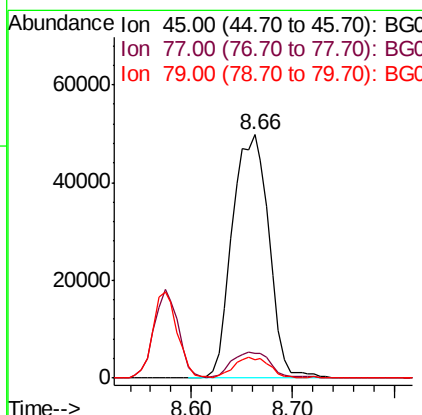
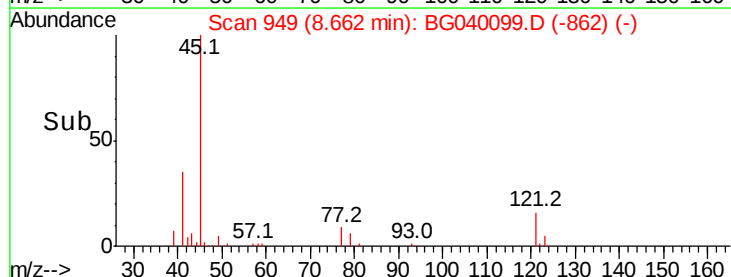
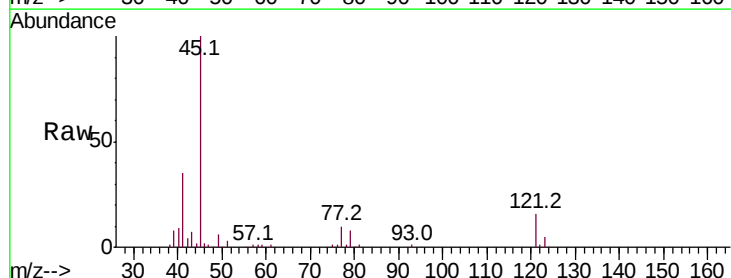
Tgt Ion: 45 Resp: 124549

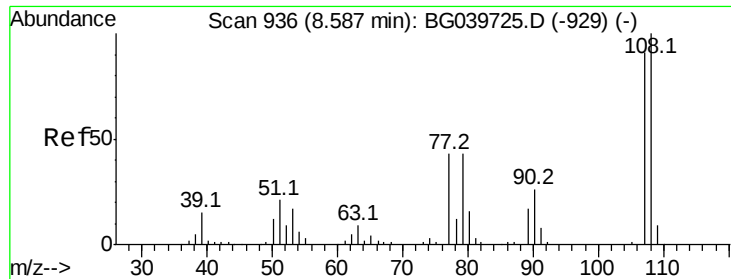
Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.0

79 7.5 0.0 27.5

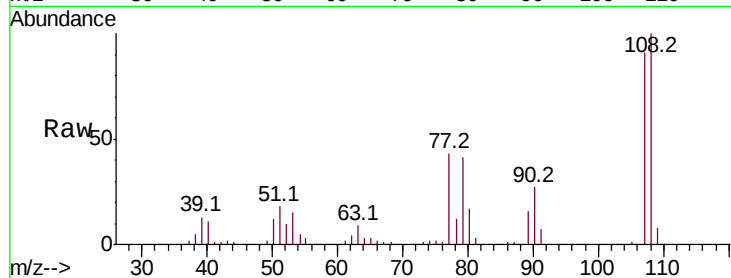




#17
2-Methylphenol
Concen: 28.302 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	64919
Ion	Ratio	Lower	Upper
107	100		
108	109.3	90.8	136.2
77	46.5	40.7	61.1
79	44.8	40.6	60.8



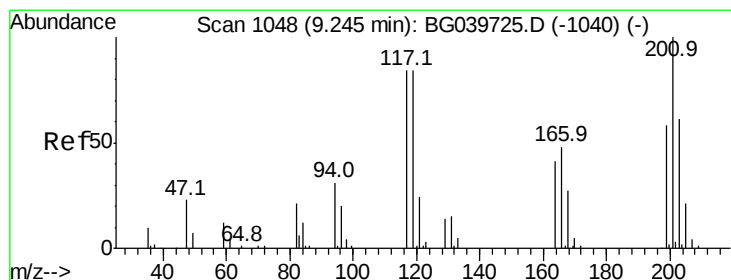
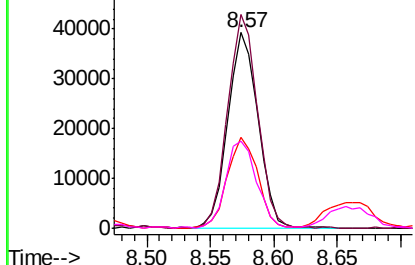
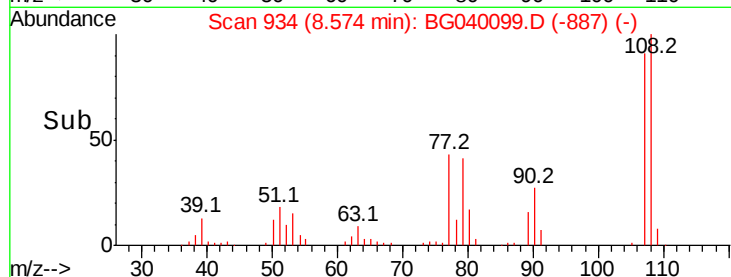
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

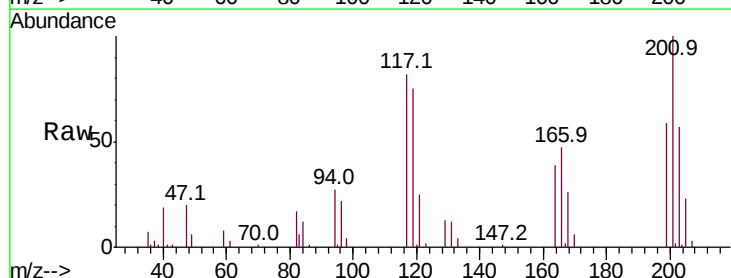
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 22.600 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Tgt Ion:	117	Resp:	25240
Ion	Ratio	Lower	Upper
117	100		
119	91.0	76.3	114.5
201	121.9	91.1	136.7

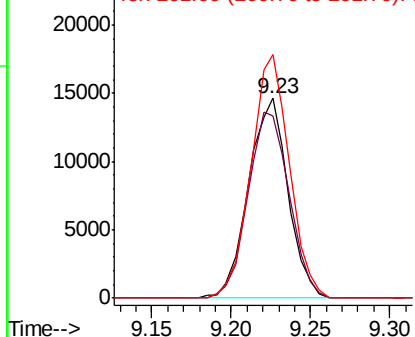
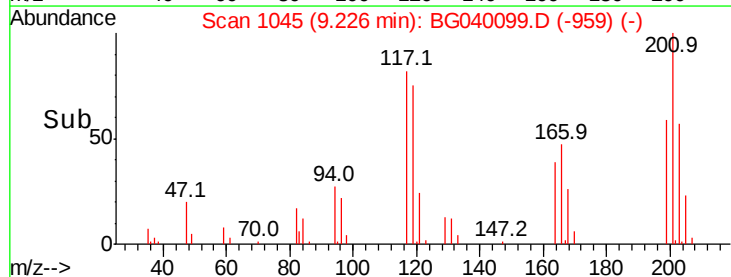


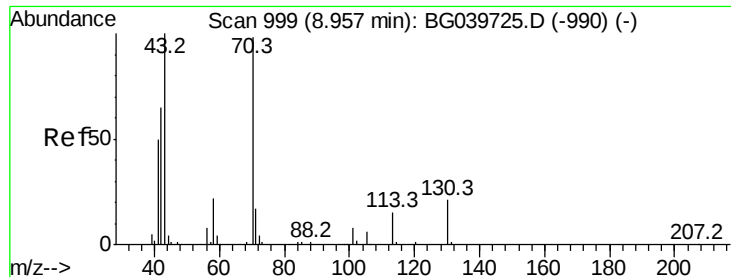
Abundance

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

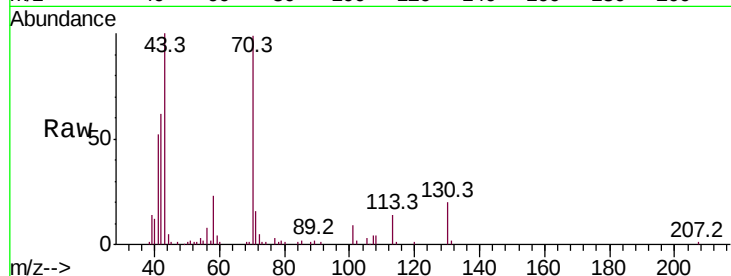




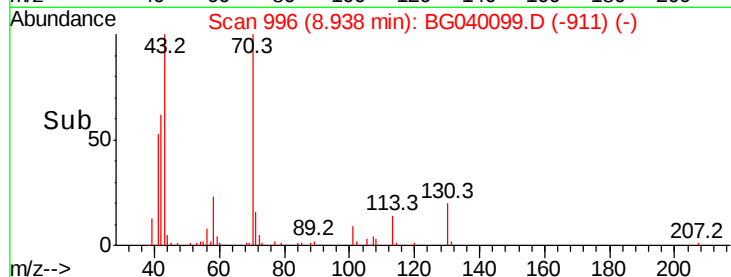
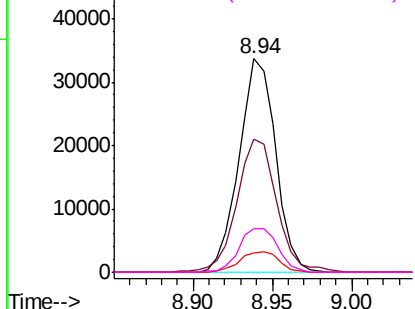
#19
n-Nitroso-di-n-propylamine
Concen: 22.574 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	53954
Ion	Ratio	Lower	Upper
70	100		
42	62.3	60.4	90.6
101	8.9	7.5	11.3
130	20.1	16.9	25.3

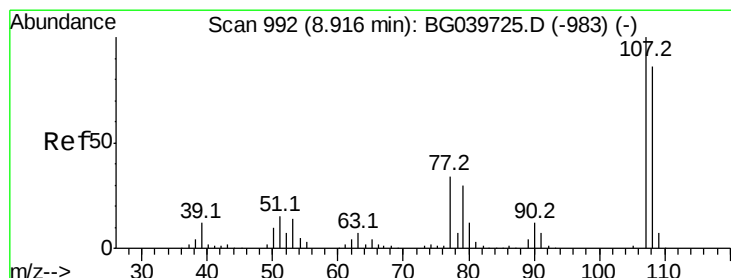


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

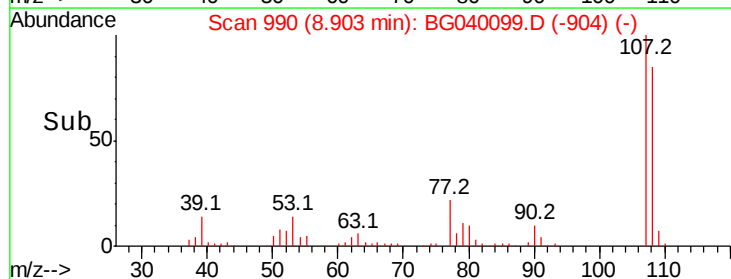
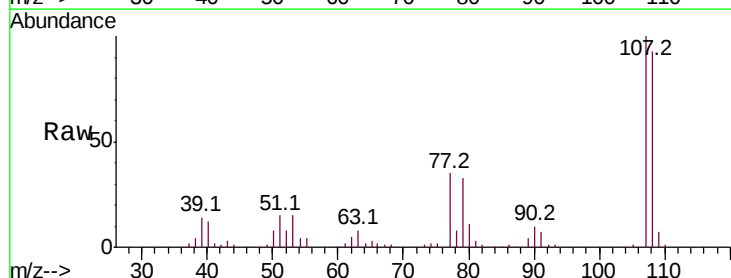
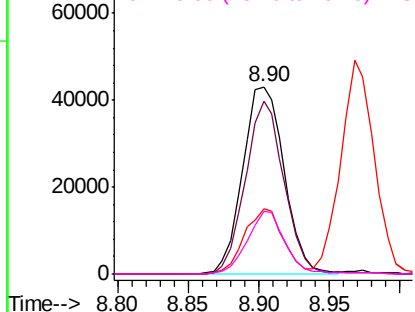


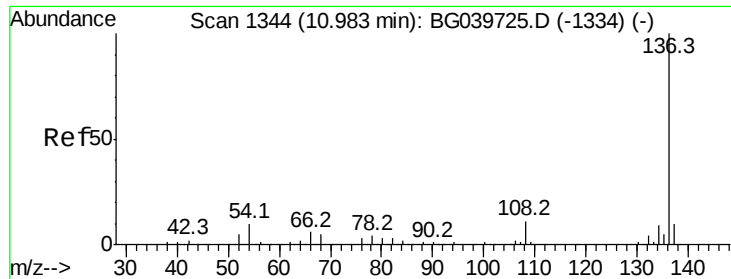
#20
3+4-Methylphenols
Concen: 27.842 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Tgt Ion:	107	Resp:	88720
Ion	Ratio	Lower	Upper
107	100		
108	92.7	67.9	107.9
77	34.9	15.4	55.4
79	33.4	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

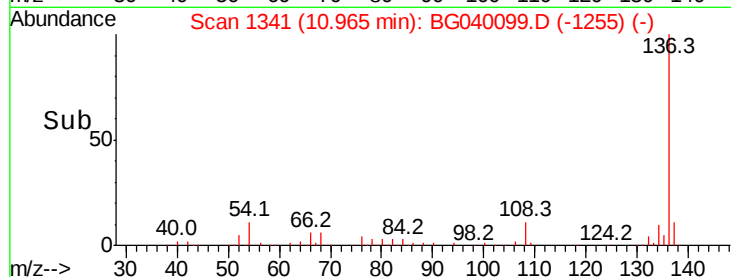
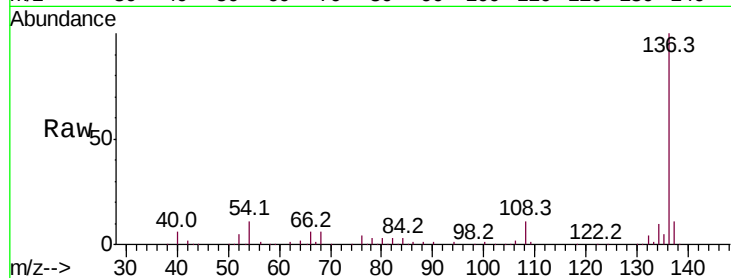




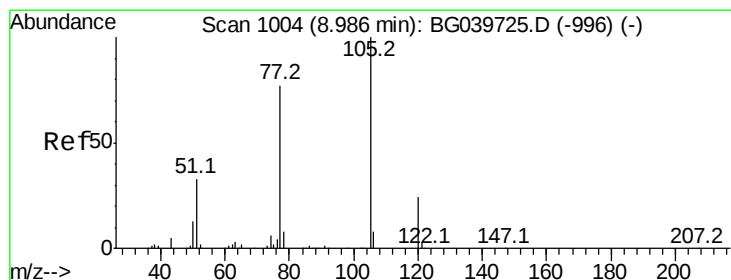
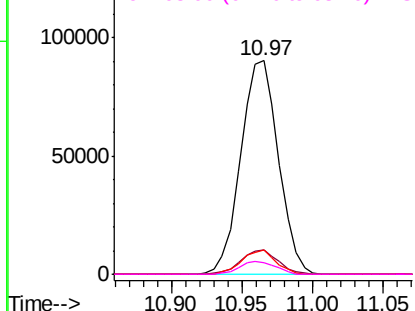
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	168354
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.4	9.4	14.2
68	5.6	4.2	6.4

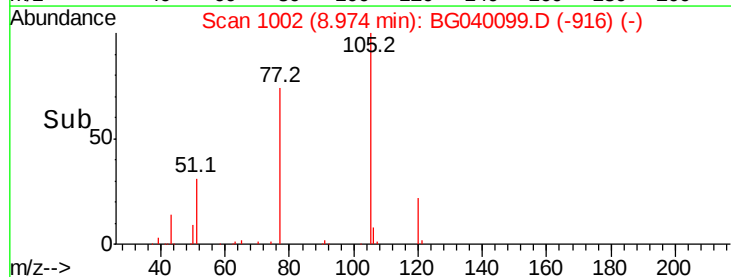
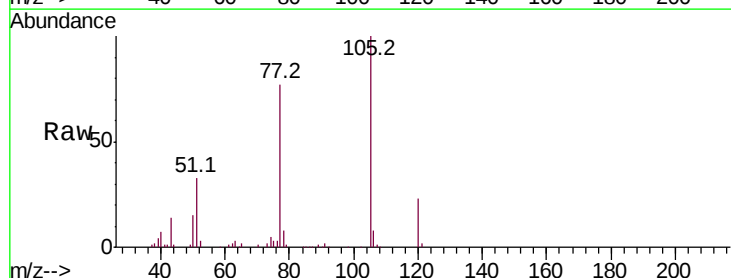


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

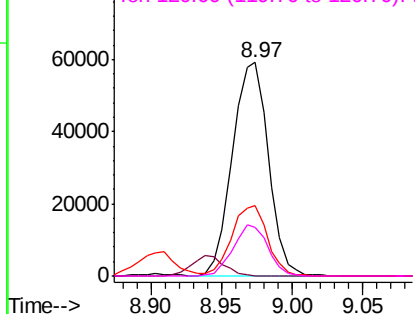


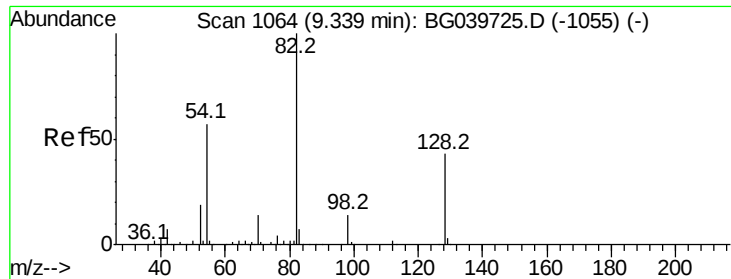
#22
Acetophenone
Concen: 23.350 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Tgt Ion:	105	Resp:	105508
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	32.8	30.2	45.2
120	22.8	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

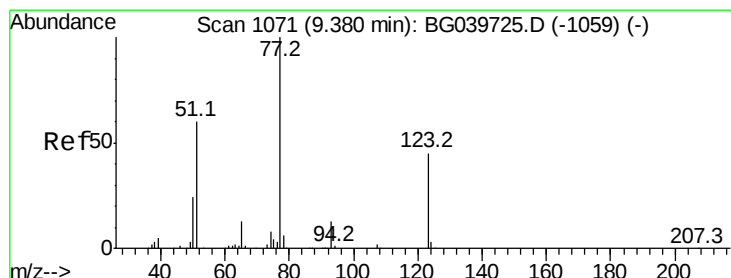
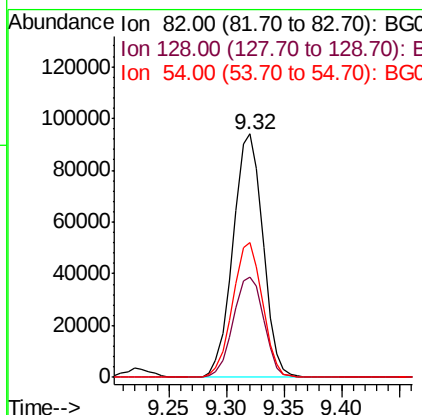
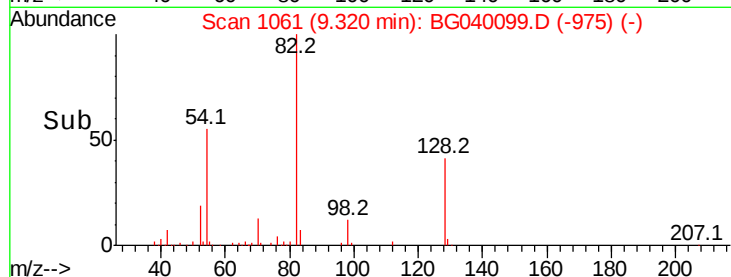
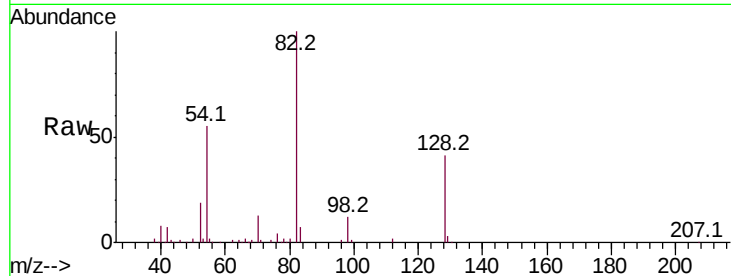




#23
Nitrobenzene-d5
Concen: 54.297 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

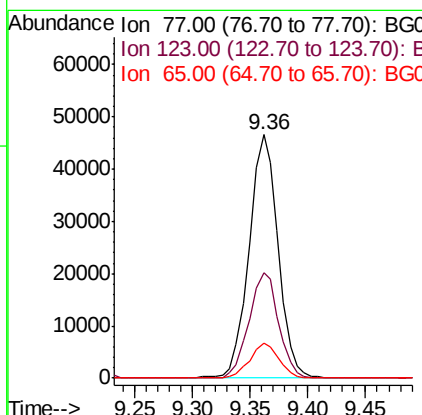
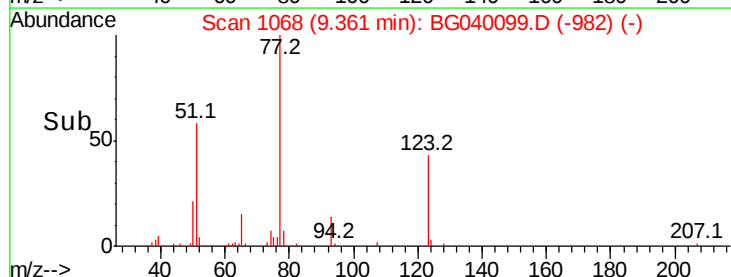
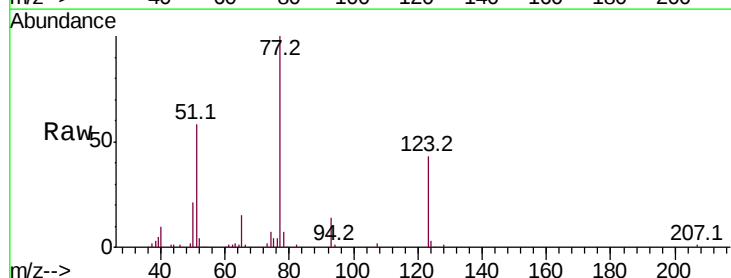
Instrument :
BNA_G
ClientSampled :

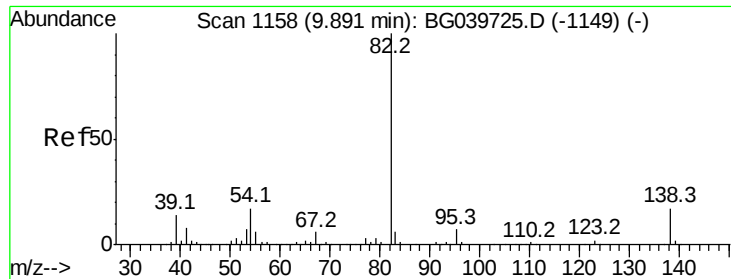
Tot Ion: 82 Resp: 169017
Ion Ratio Lower Upper
82 100
128 41.3 31.3 46.9
54 55.4 50.9 76.3



#24
Nitrobenzene
Concen: 25.019 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Tgt Ion: 77 Resp: 81700
Ion Ratio Lower Upper
77 100
123 43.0 34.1 51.1
65 14.5 12.3 18.5





#25

Isophorone

Concen: 23.965 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

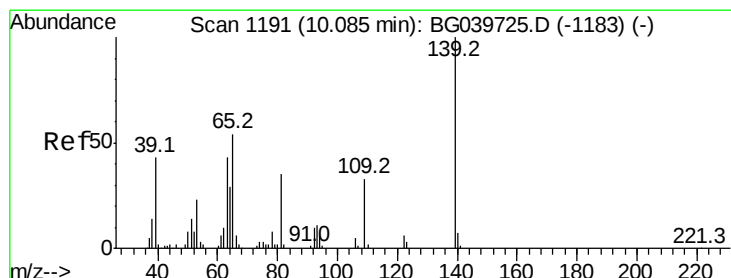
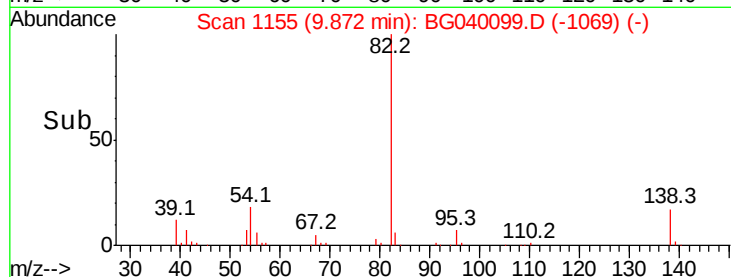
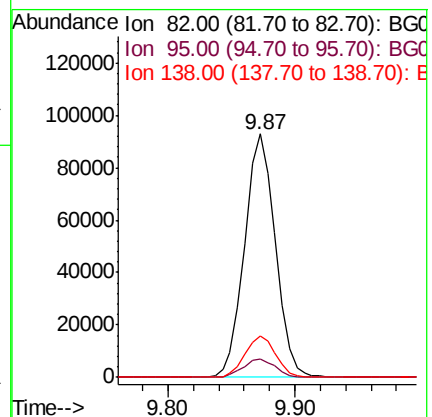
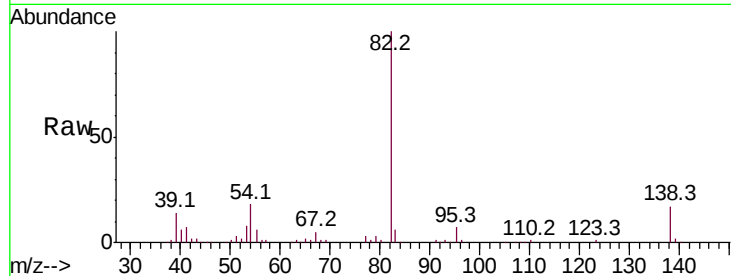
Tot Ion: 82 Resp: 156311

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

138 17.2 13.0 19.4



#26

2-Nitrophenol

Concen: 26.200 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

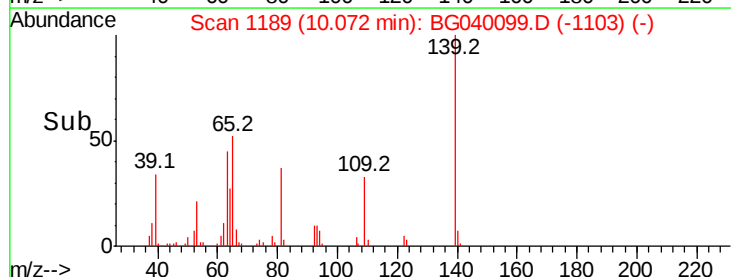
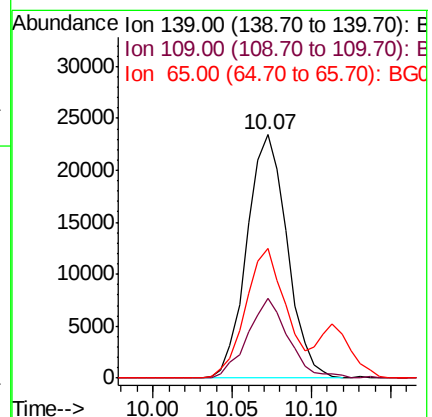
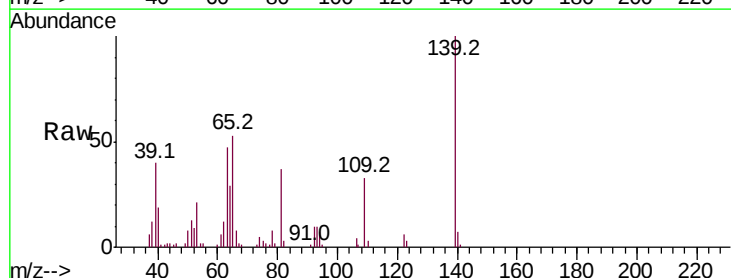
Tgt Ion: 139 Resp: 41309

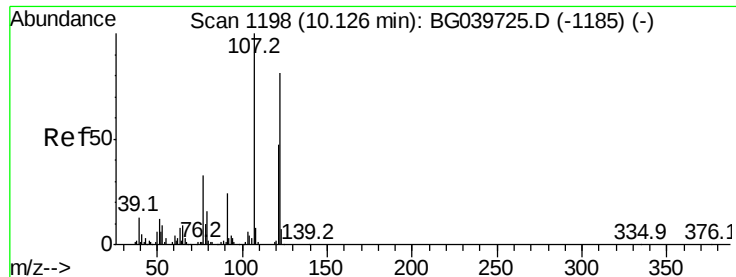
Ion Ratio Lower Upper

139 100

109 32.7 23.4 35.0

65 53.1 44.3 66.5

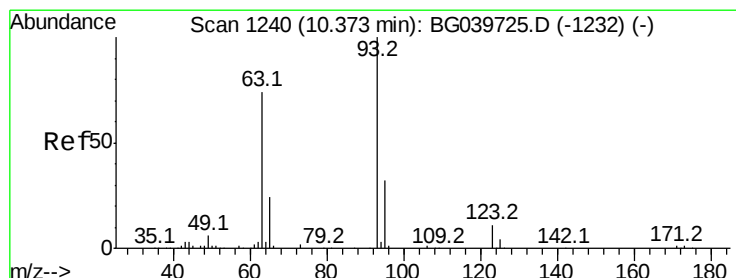
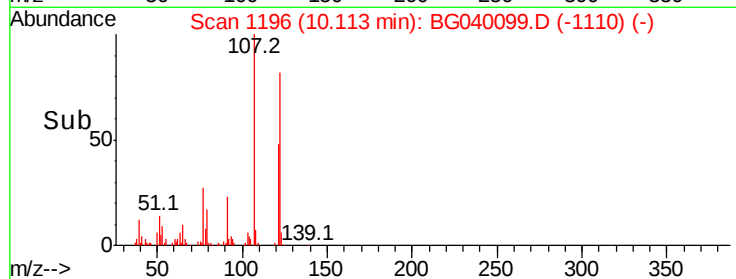
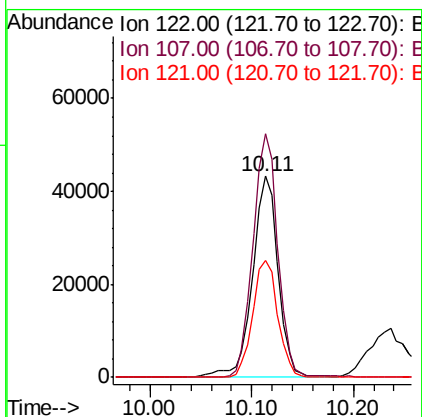
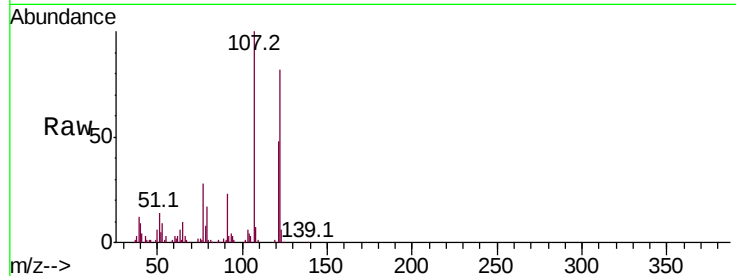




#27
2,4-Dimethylphenol
Concen: 30.842 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

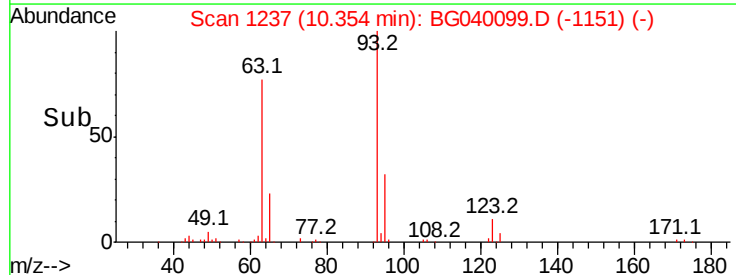
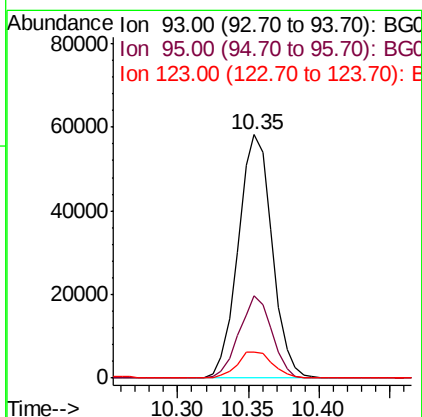
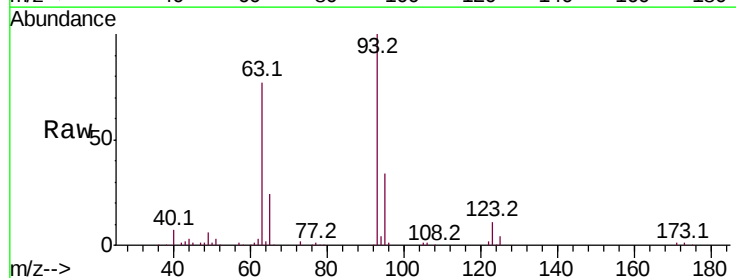
Instrument :
BNA_G
ClientSampleId :

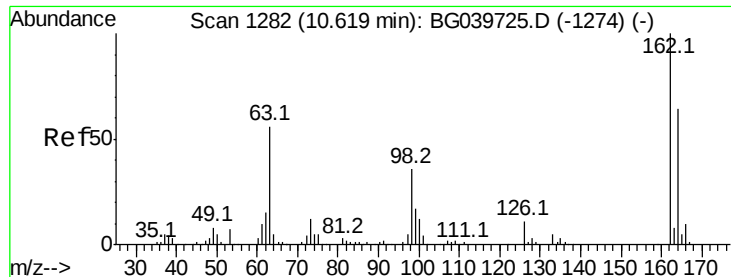
Tot Ion:122 Resp: 75630
Ion Ratio Lower Upper
122 100
107 121.3 91.7 137.5
121 58.1 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 24.661 ng
RT: 10.35 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Tgt Ion: 93 Resp: 97746
Ion Ratio Lower Upper
93 100
95 33.6 25.0 37.4
123 10.9 8.6 12.8

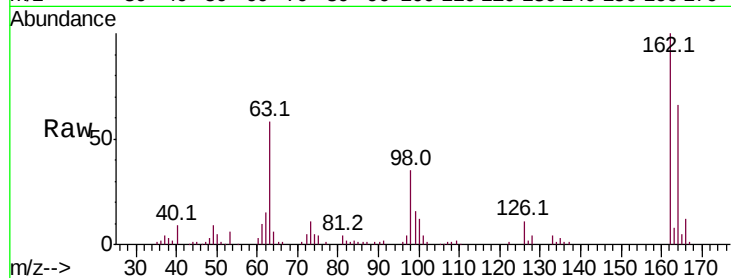




#29
 2,4-Dichlorophenol
 Concen: 28.902 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	48.1	88.1
98	34.8	18.1	58.1

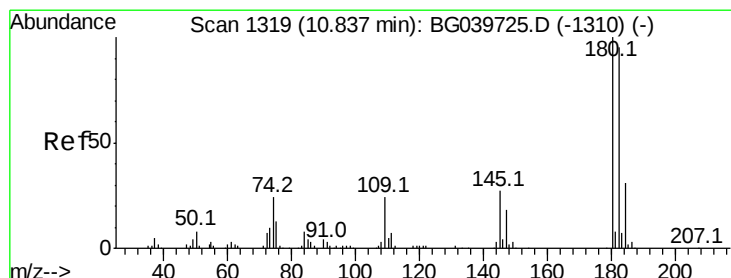
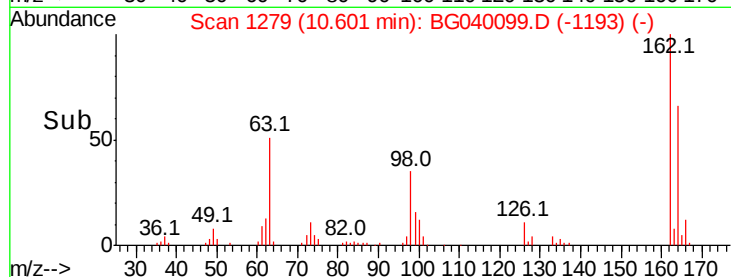
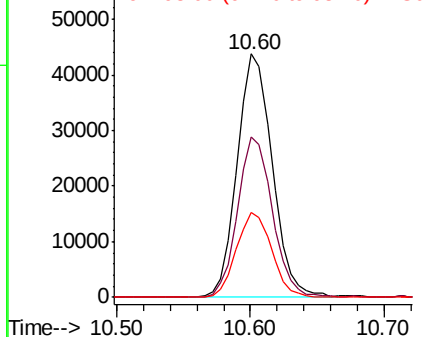


Abundance

Ion 162.00 (161.70 to 162.70): E

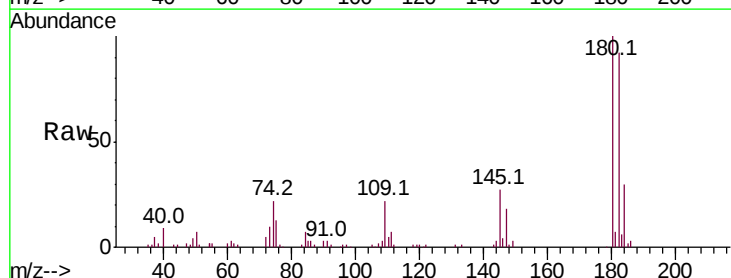
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 25.711 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.0	114.0
145	27.5	22.7	34.1

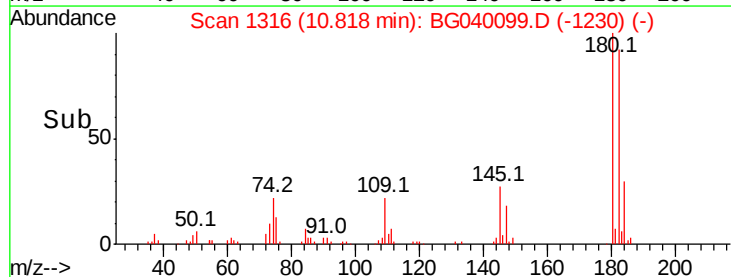
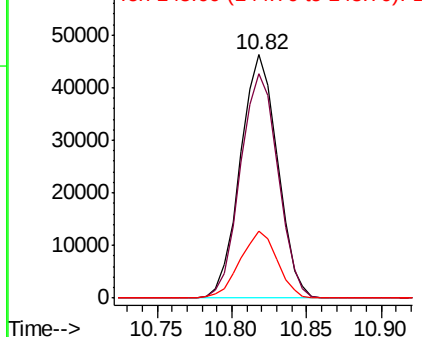


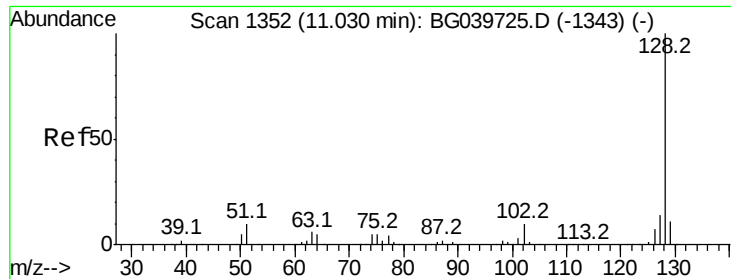
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

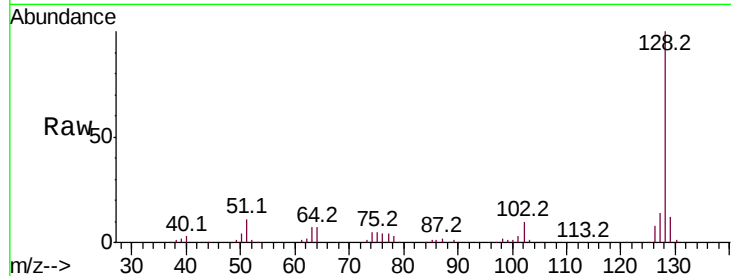




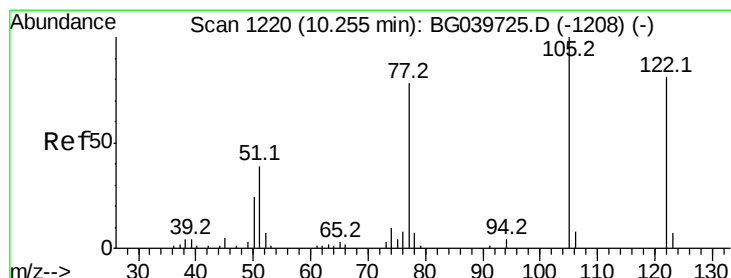
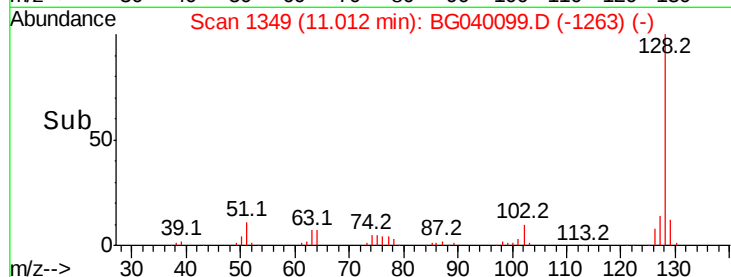
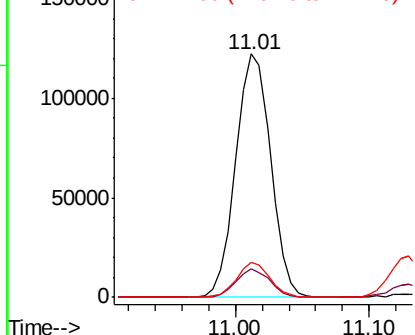
#31
Naphthalene
Concen: 24.861 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 221606
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 14.2 10.8 16.2

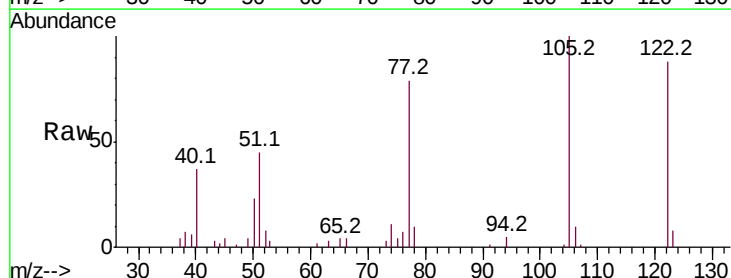


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

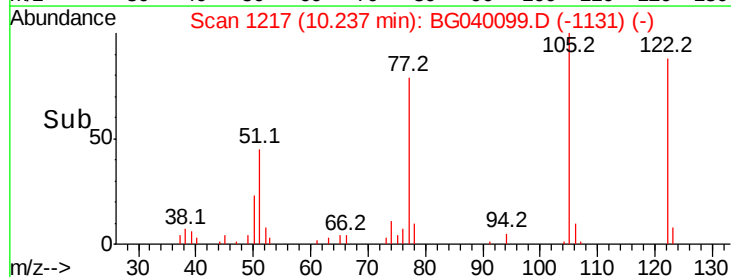
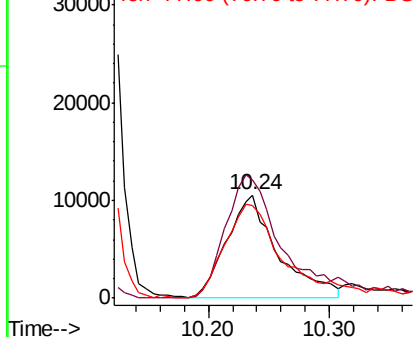


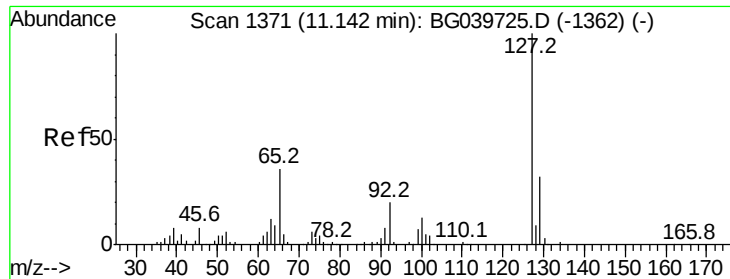
#32
Benzoic acid
Concen: 22.575 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Tgt Ion:122 Resp: 31186
Ion Ratio Lower Upper
122 100
105 114.0 101.8 141.8
77 89.9 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

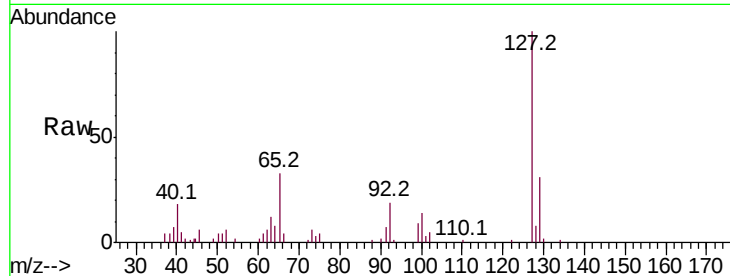




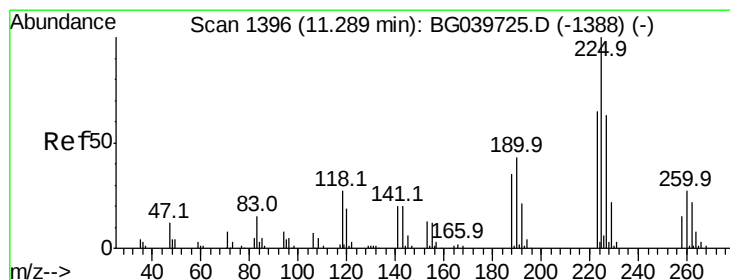
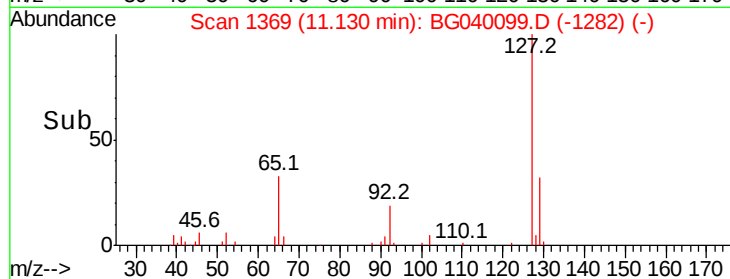
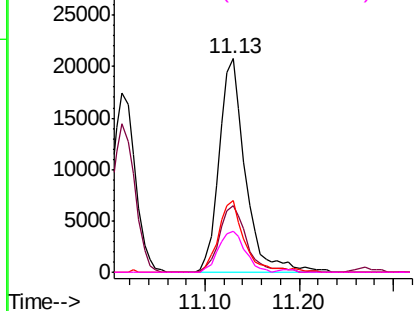
#33
4-Chloroaniline
Concen: 10.704 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	40460
Ion	Ratio	Lower	Upper
127	100		
129	31.3	27.0	40.4
65	33.4	28.8	43.2
92	19.0	16.6	25.0

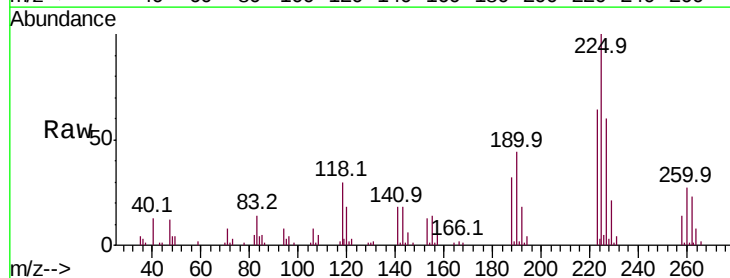


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

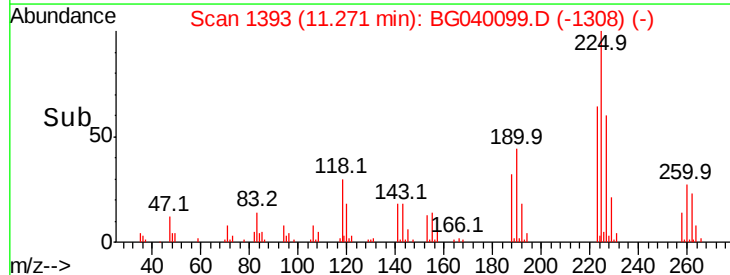
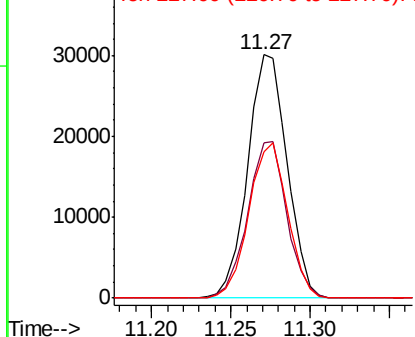


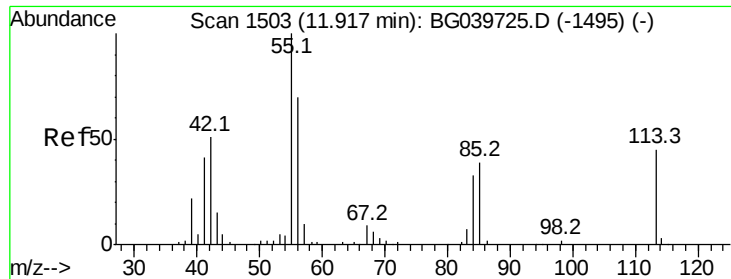
#34
Hexachlorobutadiene
Concen: 24.536 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Tgt Ion:	225	Resp:	52089
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.0	73.6
227	60.2	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

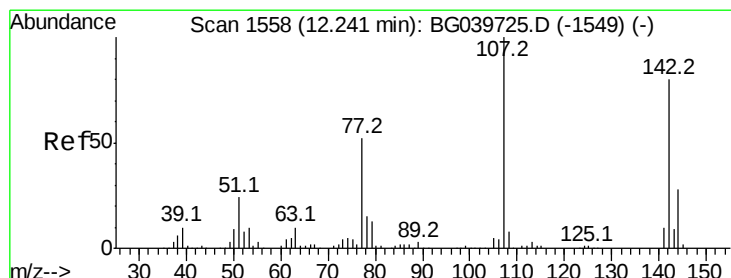
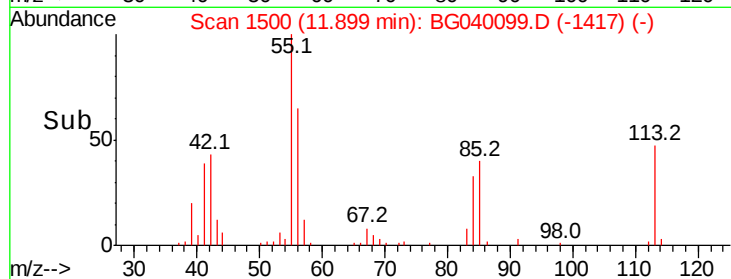
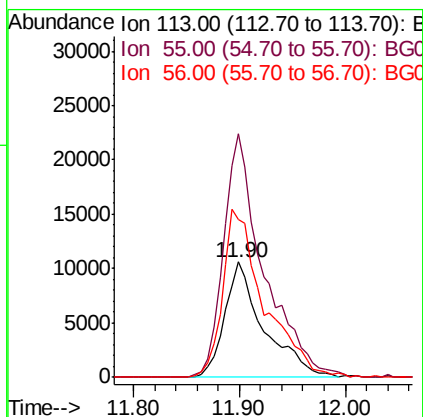
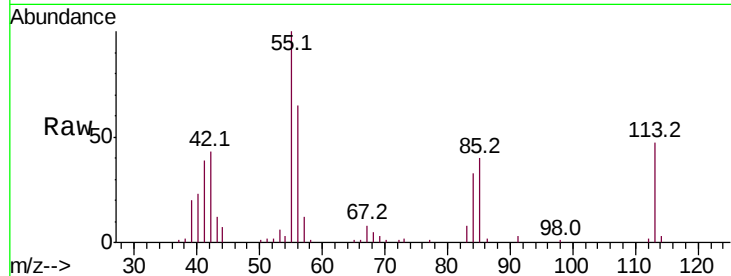




#35
 Caprolactam
 Concen: 25.737 ng
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.04 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

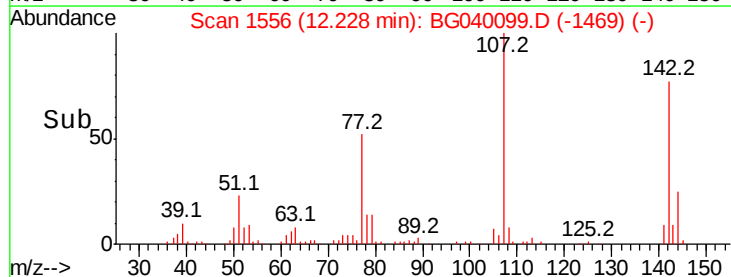
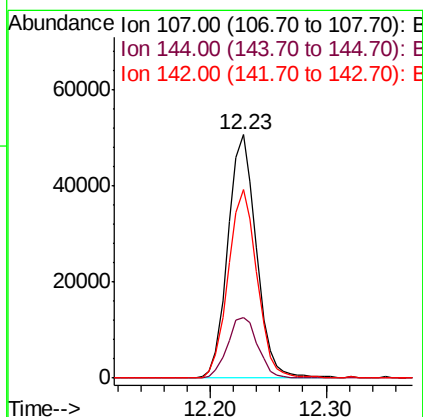
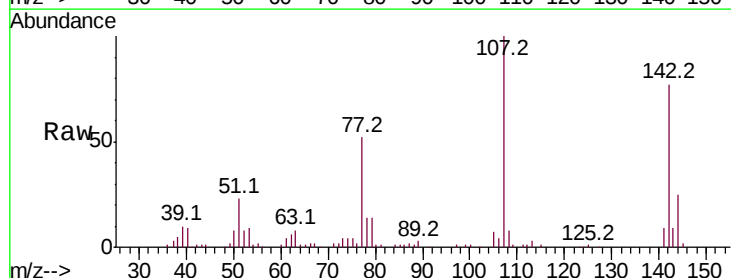
Instrument :
 BNA_G
 ClientSampled :

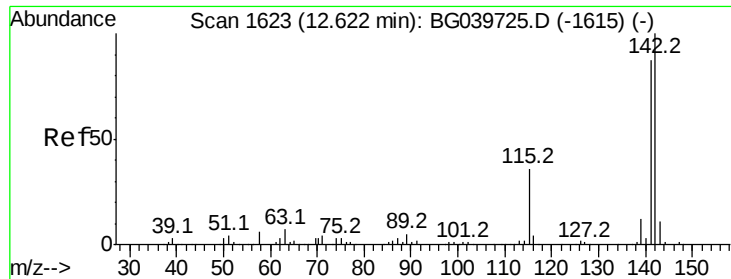
Tot Ion:113 Resp: 27143
 Ion Ratio Lower Upper
 113 100
 55 211.3 216.9 256.9#
 56 137.5 152.6 192.6#



#36
 4-Chloro-3-methylphenol
 Concen: 27.328 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Tgt Ion:107 Resp: 86488
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.2 30.2
 142 77.2 61.4 92.2

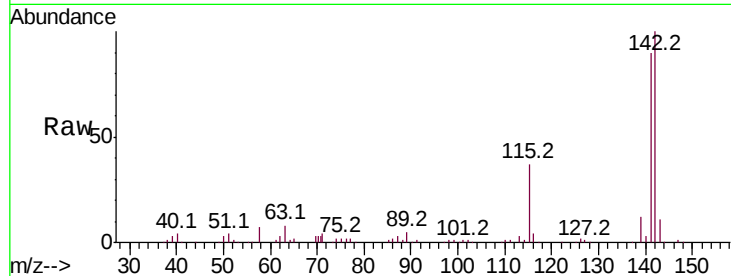




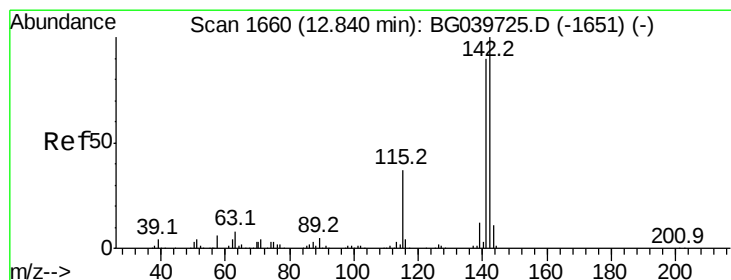
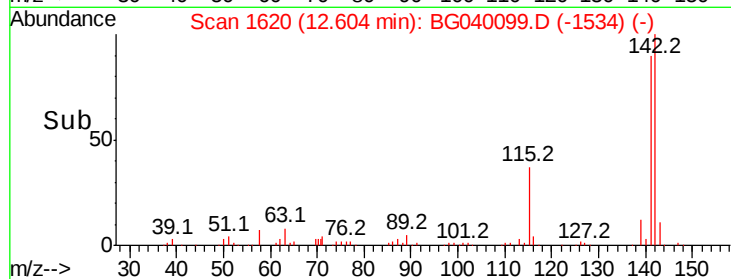
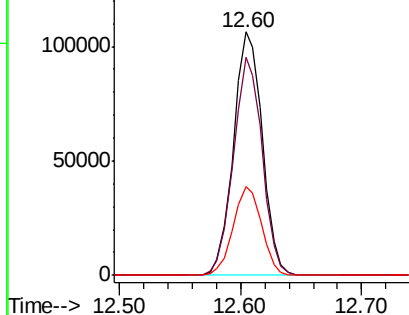
#37
 2-Methylnaphthalene
 Concen: 26.515 ng
 RT: 12.60 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.5	110.3
115	36.6	30.8	46.2

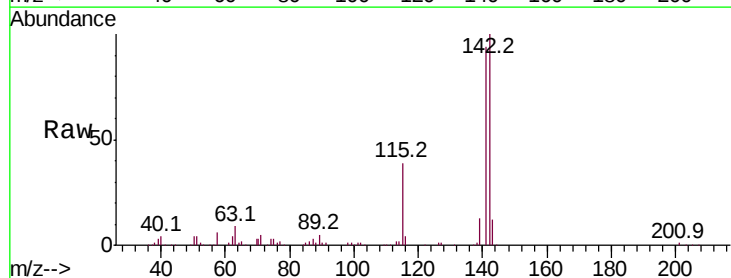


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

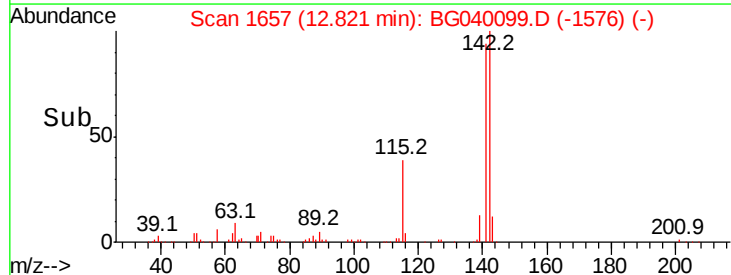
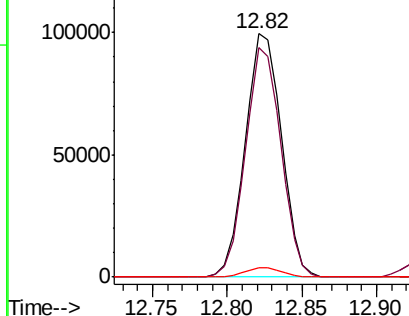


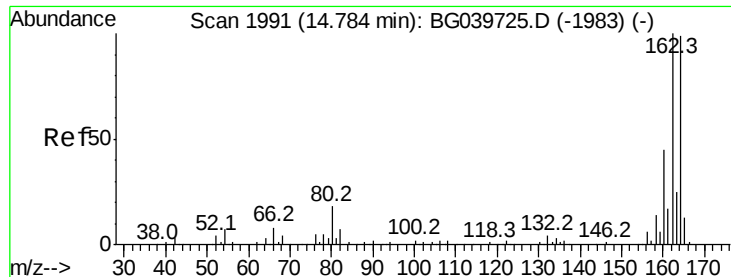
#38
 1-Methylnaphthalene
 Concen: 25.743 ng
 RT: 12.82 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.2	111.4
116	4.0	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampled :

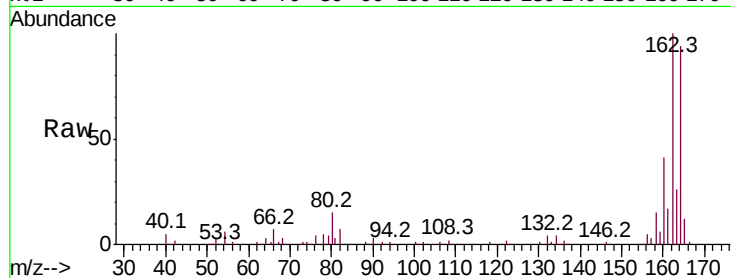
Tot Ion:164 Resp: 118428

Ion Ratio Lower Upper

164 100

162 106.0 81.6 122.4

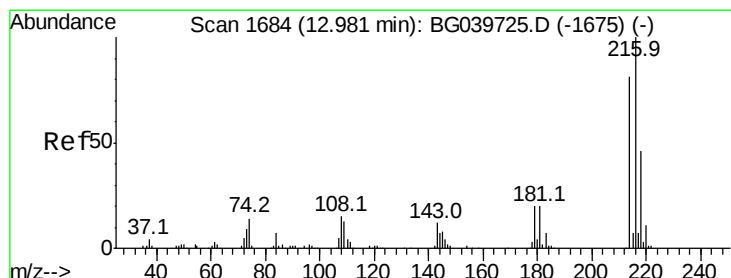
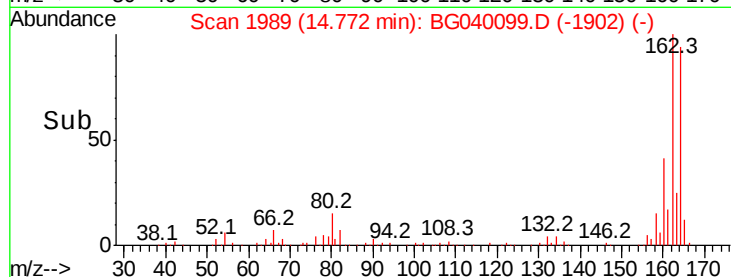
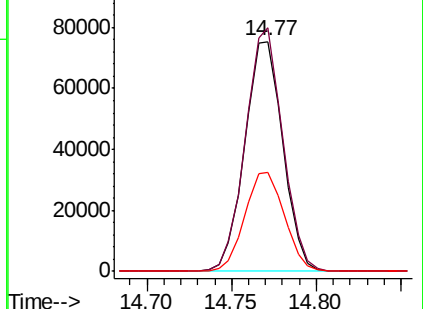
160 43.1 34.2 51.2



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: 24.894 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Tgt Ion:216 Resp: 99874

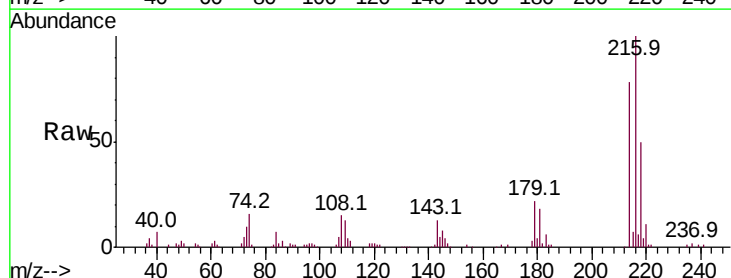
Ion Ratio Lower Upper

216 100

214 78.2 62.6 94.0

179 20.2 16.6 25.0

108 17.0 14.0 21.0

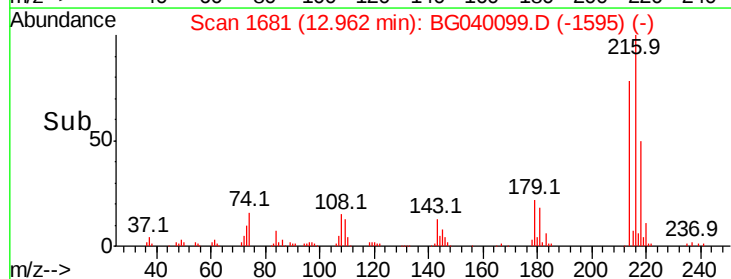
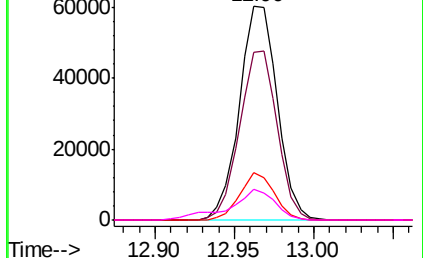


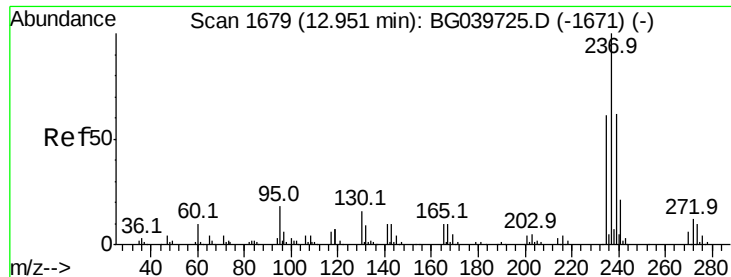
Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.108 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

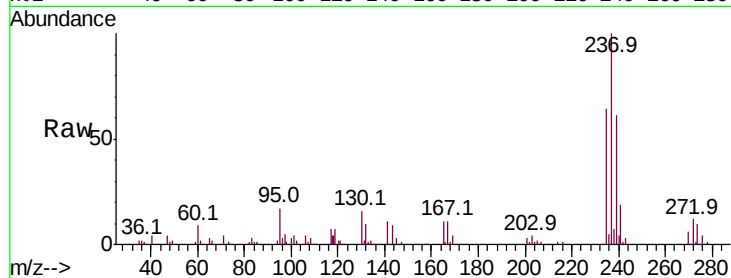
Tot Ion:237 Resp: 127087

Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.3	83.3
272	11.8	0.0	32.3

237 100

235 64.0 43.3 83.3

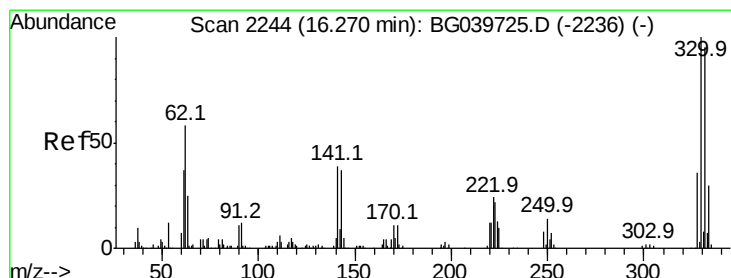
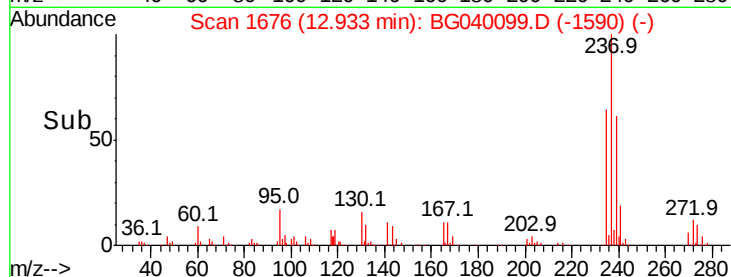
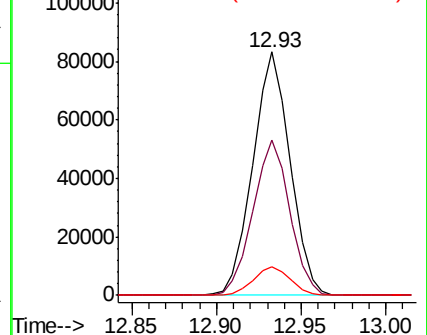
272 11.8 0.0 32.3



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: 58.193 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

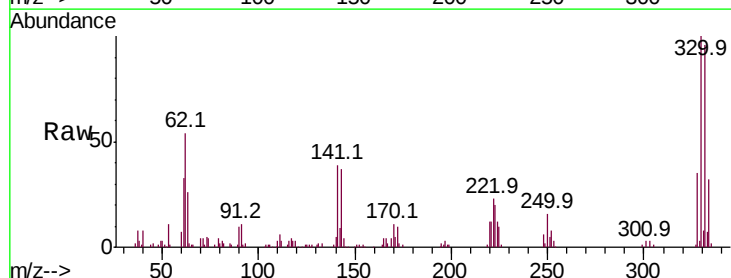
Tgt Ion:330 Resp: 80328

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

330 100

332 95.3 75.7 113.5

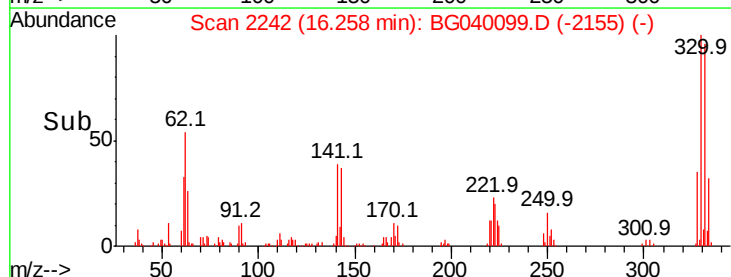
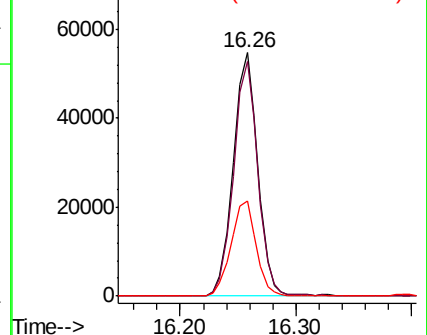
141 40.0 35.6 53.4

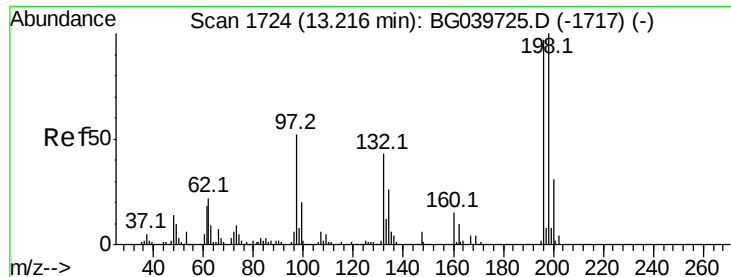


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

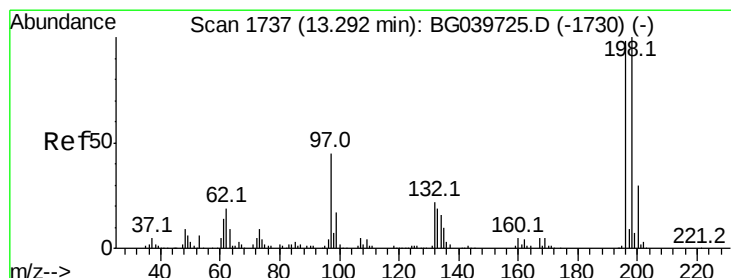
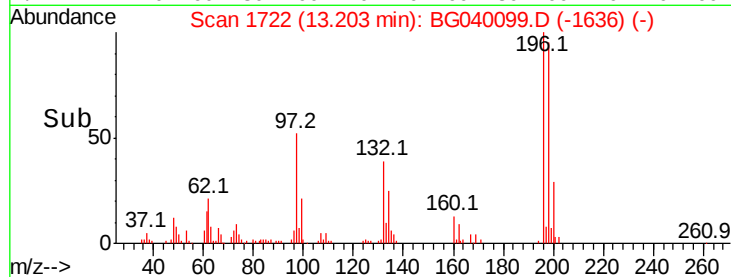
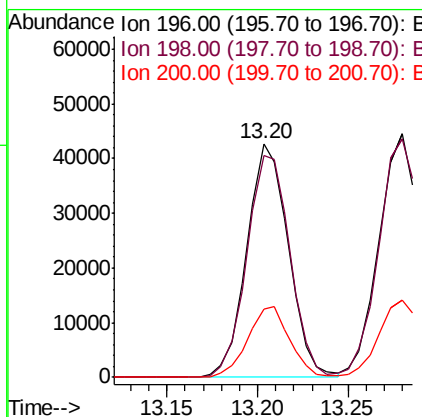
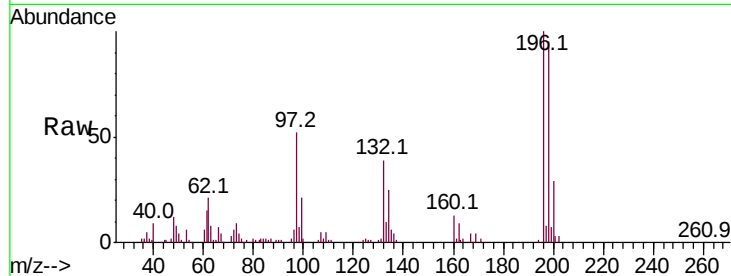




#43
 2,4,6-Trichlorophenol
 Concen: 29.005 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

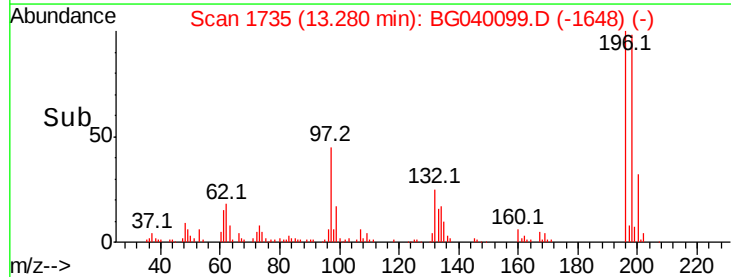
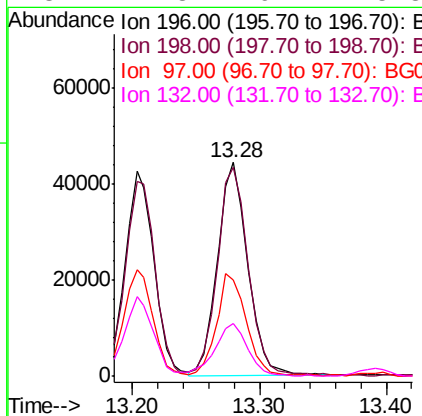
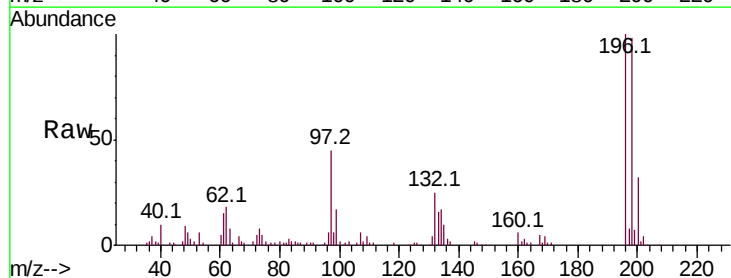
Instrument :
 BNA_G
 ClientSampled :

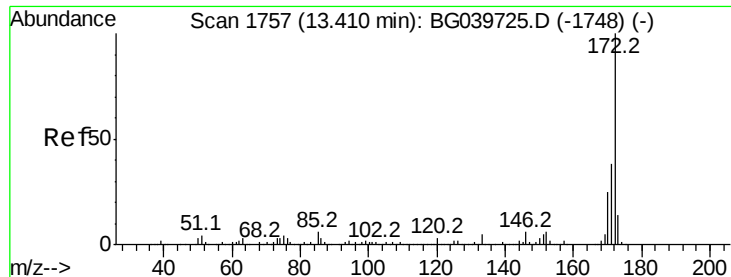
Tot Ion:196 Resp: 68129
 Ion Ratio Lower Upper
 196 100
 198 94.8 80.6 121.0
 200 29.4 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 27.818 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Tgt Ion:196 Resp: 73652
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.5 117.7
 97 44.9 38.4 57.6
 132 24.8 19.2 28.8

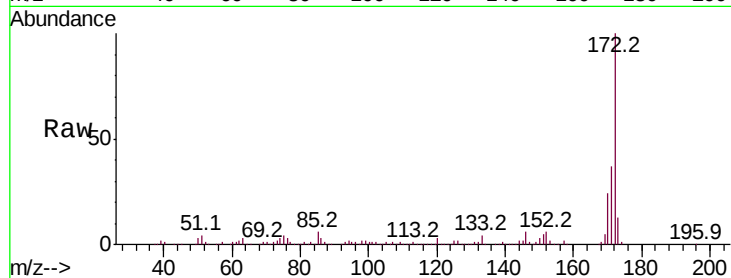




#45
2-Fluorobiphenyl
Concen: 53.806 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.2	20.2	30.4

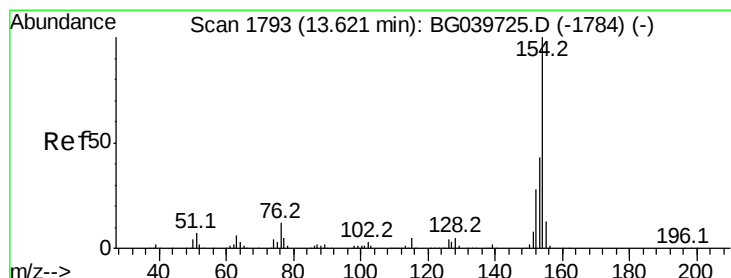
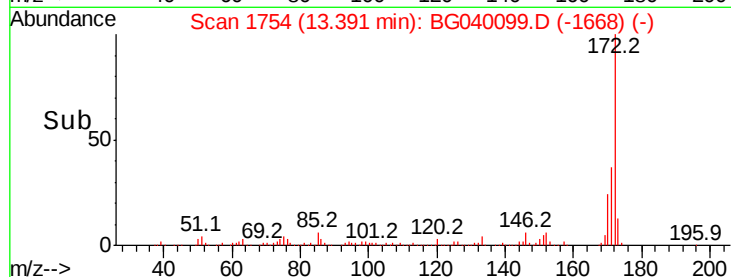
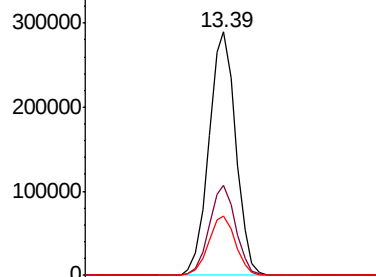


Abundance

Ion 172.00 (171.70 to 172.70): E

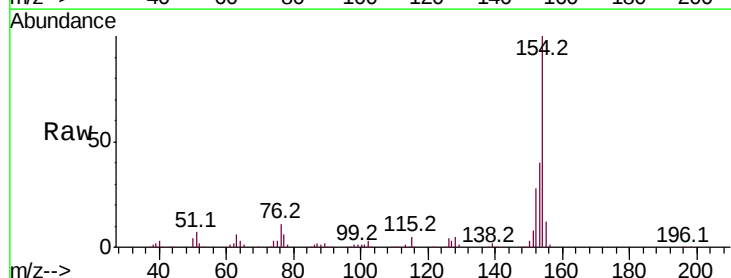
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 24.850 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	22.1	62.1
76	11.1	0.0	32.4

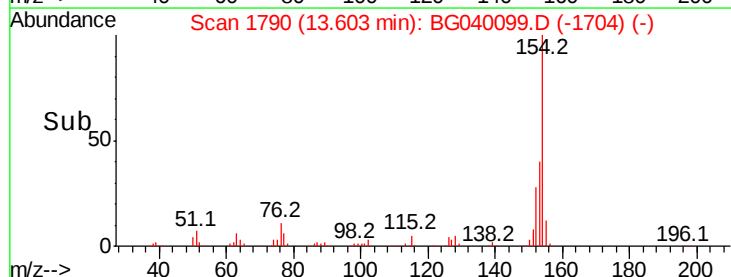
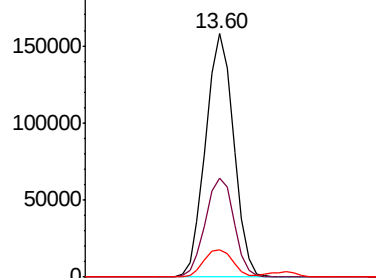


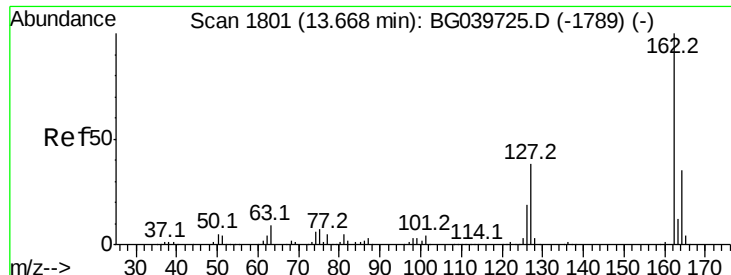
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

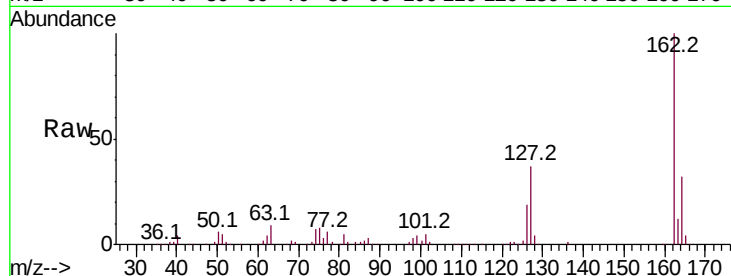




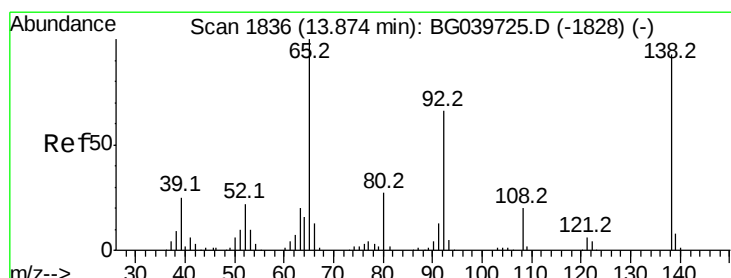
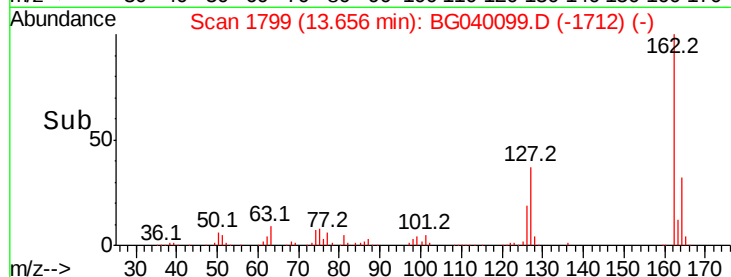
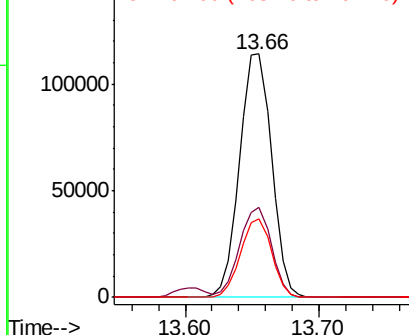
#47
2-Chloronaphthalene
Concen: 25.903 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 189807
Ion Ratio Lower Upper
162 100
127 36.9 31.0 46.6
164 32.4 25.7 38.5

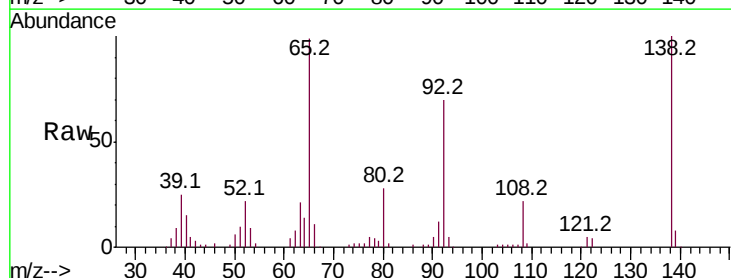


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

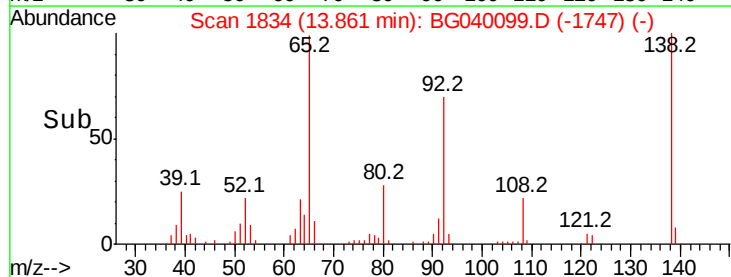
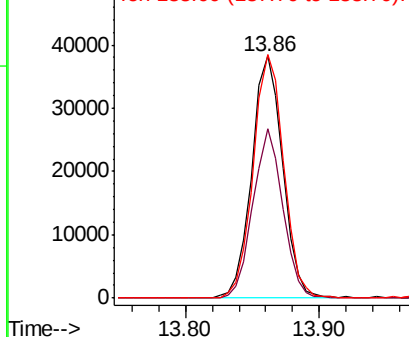


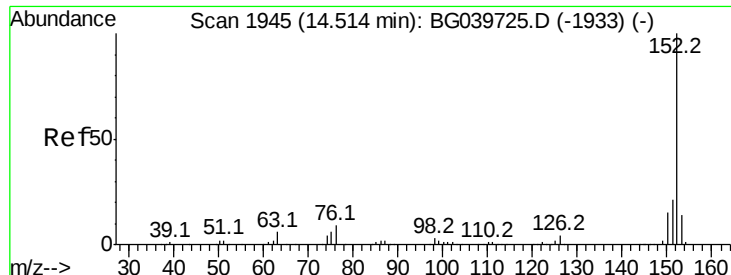
#48
2-Nitroaniline
Concen: 25.774 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Tgt Ion: 65 Resp: 60695
Ion Ratio Lower Upper
65 100
92 70.1 51.4 77.2
138 100.5 71.4 107.2



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





#49

Acenaphthylene

Concen: 25.272 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampled :

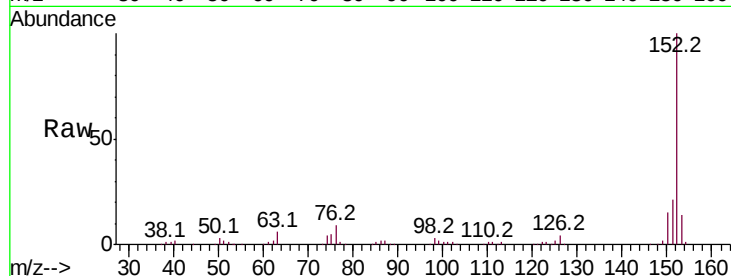
Tot Ion:152 Resp: 304003

Ion Ratio Lower Upper

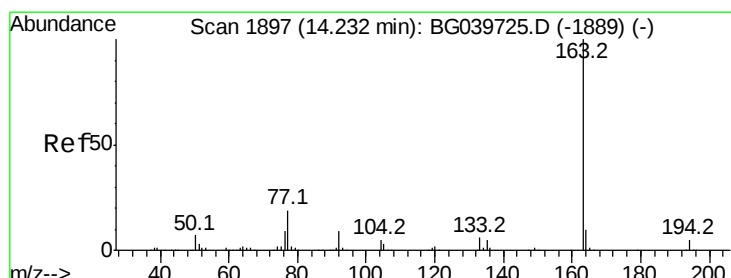
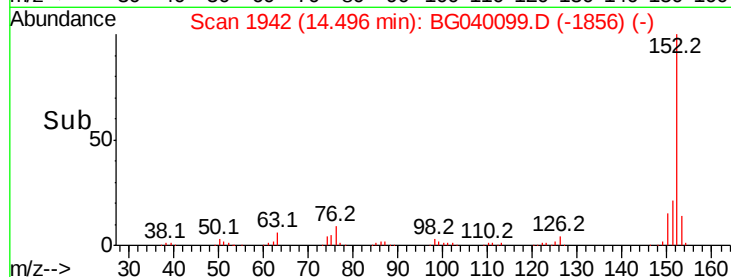
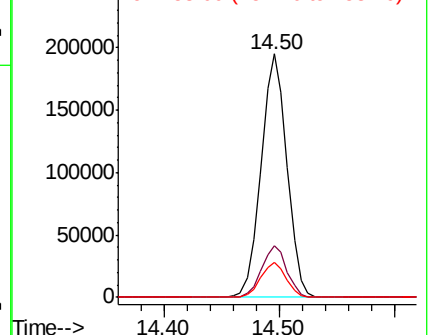
152 100

151 21.0 16.8 25.2

153 14.5 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: 26.110 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

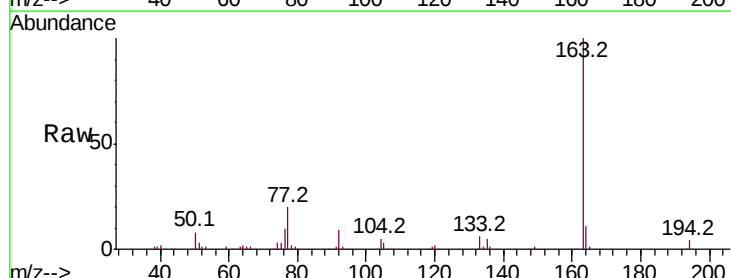
Tgt Ion:163 Resp: 258567

Ion Ratio Lower Upper

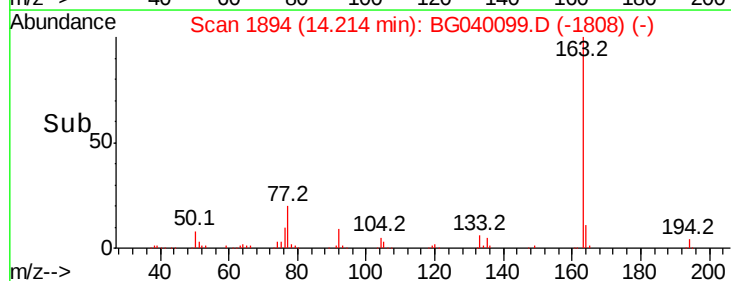
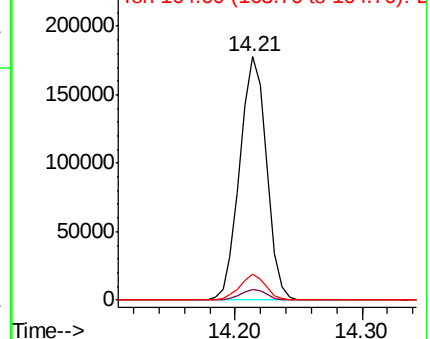
163 100

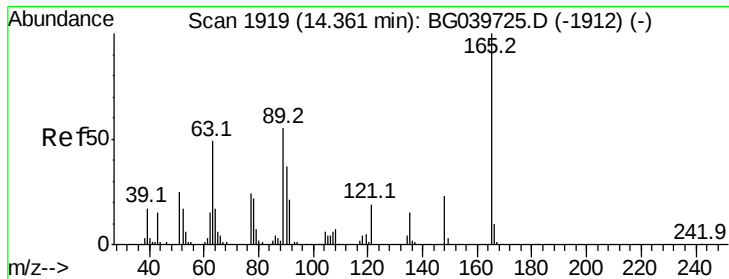
194 4.3 3.6 5.4

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: 27.119 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

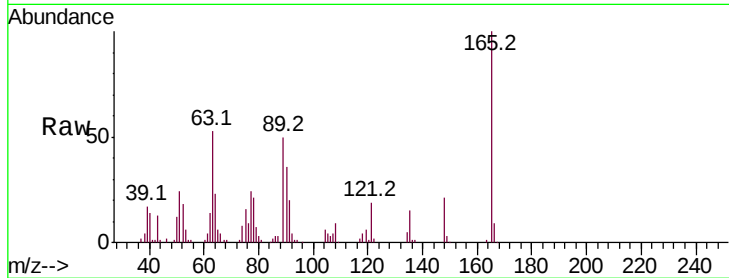
Tot Ion:165 Resp: 56933

Ion Ratio Lower Upper

165 100

63 52.9 47.0 70.6

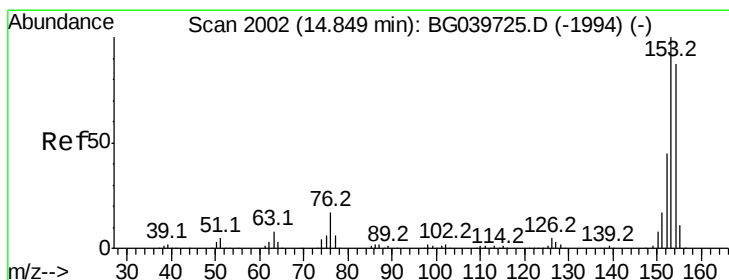
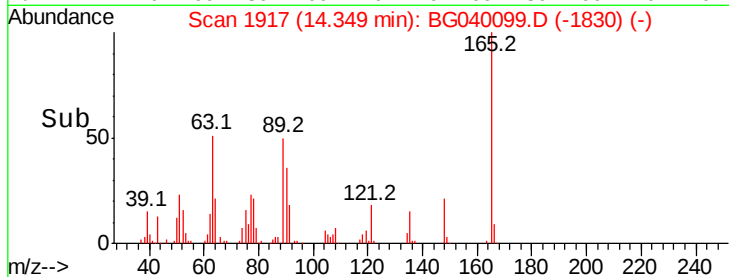
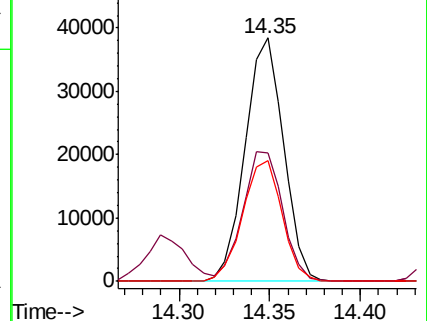
89 49.7 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 25.522 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

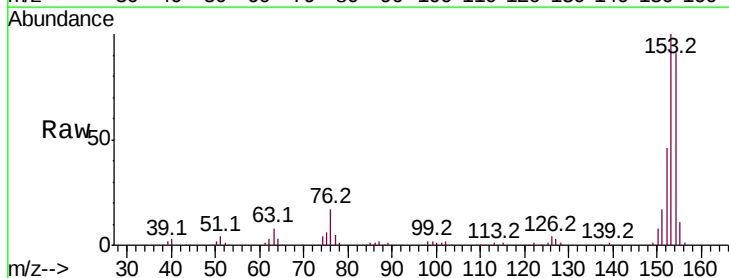
Tgt Ion:154 Resp: 184779

Ion Ratio Lower Upper

154 100

153 110.1 90.1 135.1

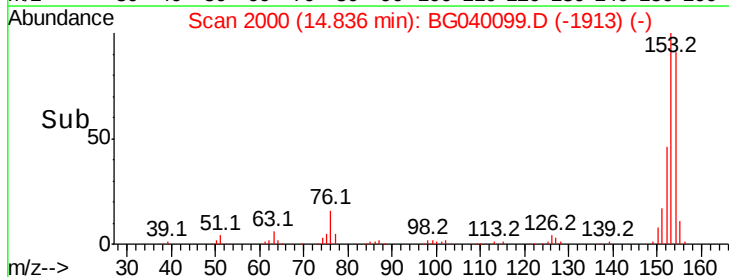
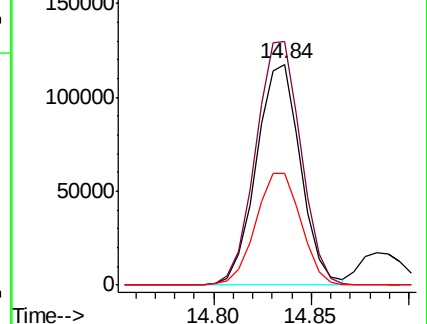
152 50.4 40.9 61.3

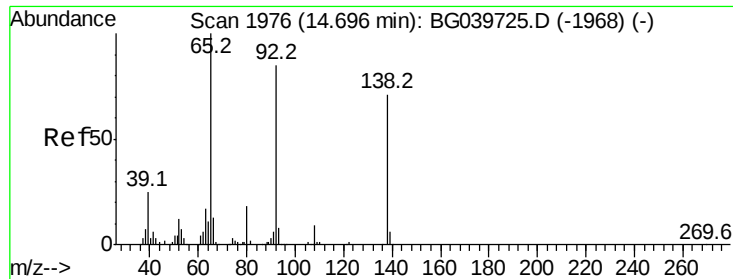


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

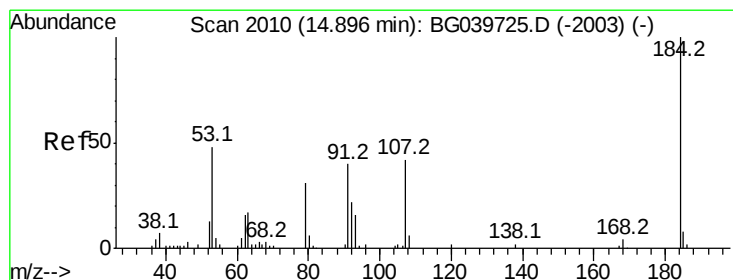
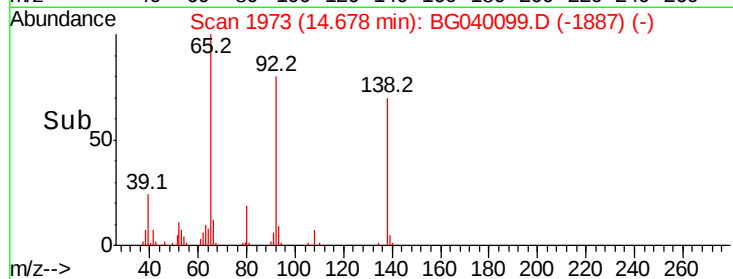
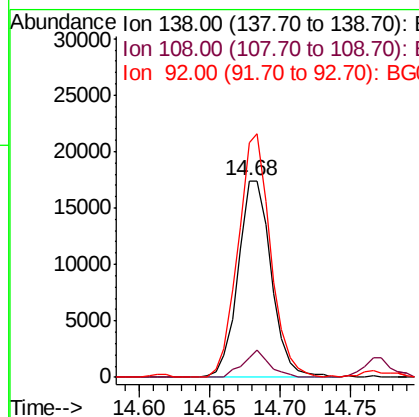
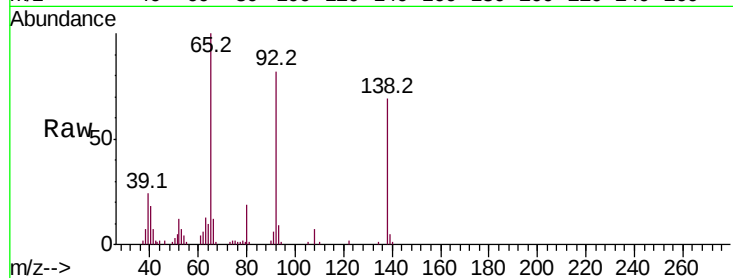




#53
3-Nitroaniline
Concen: 13.537 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

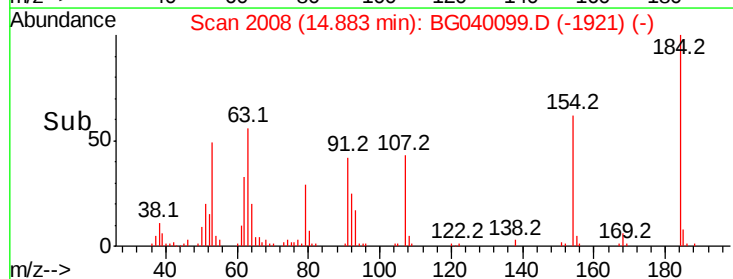
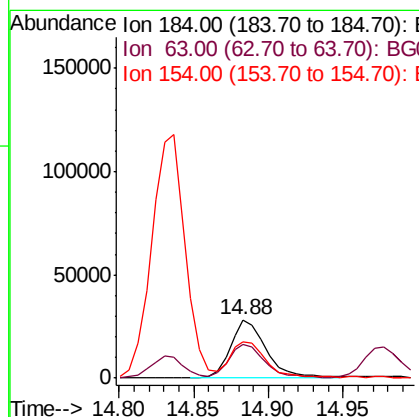
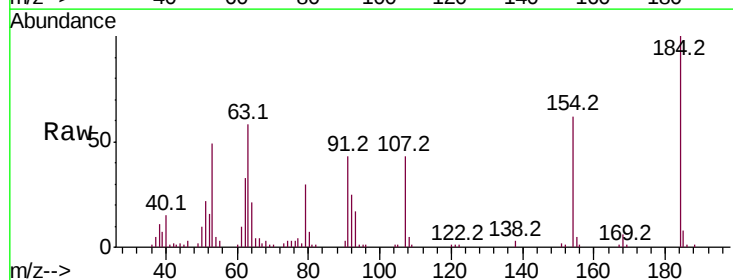
Instrument :
BNA_G
ClientSampleId :

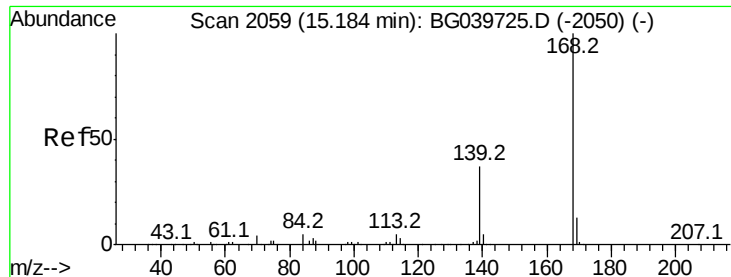
Tot Ion:138 Resp: 28567
Ion Ratio Lower Upper
138 100
108 10.2 13.8 20.8#
92 119.1 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 38.598 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Tgt Ion:184 Resp: 47246
Ion Ratio Lower Upper
184 100
63 58.5 50.9 76.3
154 61.5 53.0 79.6





#55

Dibenzofuran

Concen: 26.238 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

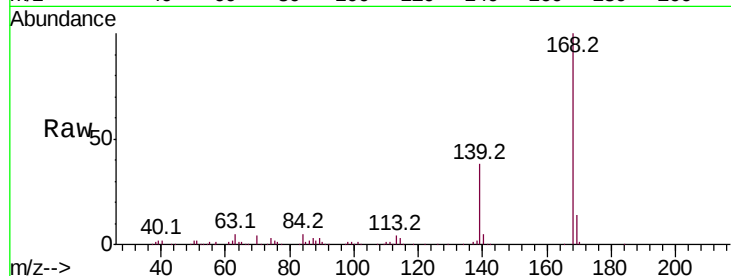
Tot Ion:168 Resp: 311674

Ion Ratio Lower Upper

168 100

139 37.8 30.1 45.1

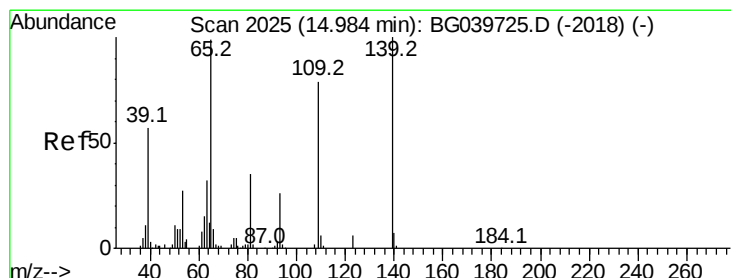
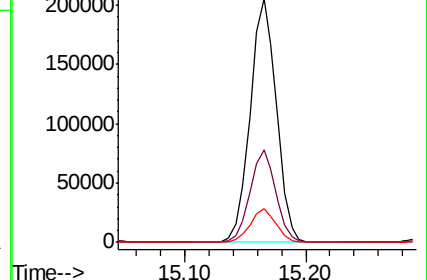
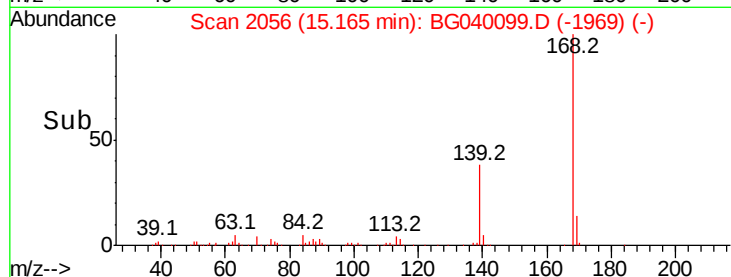
169 13.9 10.6 16.0



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: 46.710 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

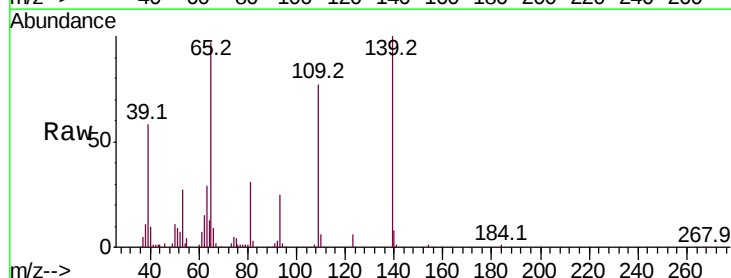
Tgt Ion:139 Resp: 88180

Ion Ratio Lower Upper

139 100

109 77.1 61.9 101.9

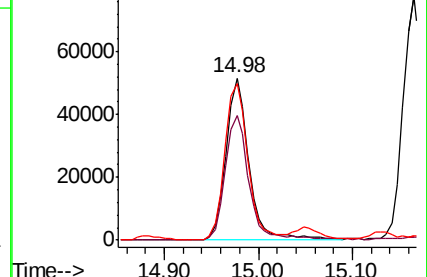
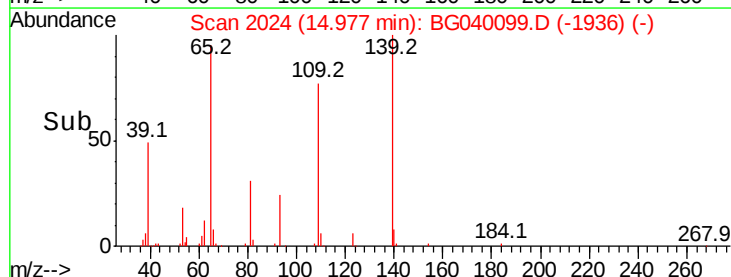
65 97.1 99.1 139.1#

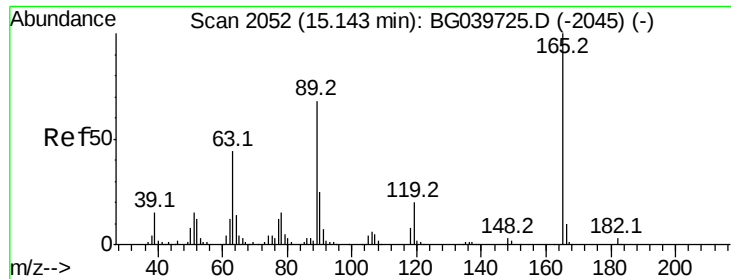


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

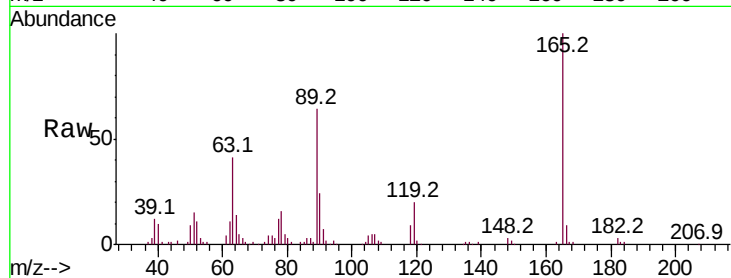




#57
 2,4-Dinitrotoluene
 Concen: 28.393 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.0	41.0	61.6#
89	64.4	64.6	96.8#
182	2.9	2.0	3.0



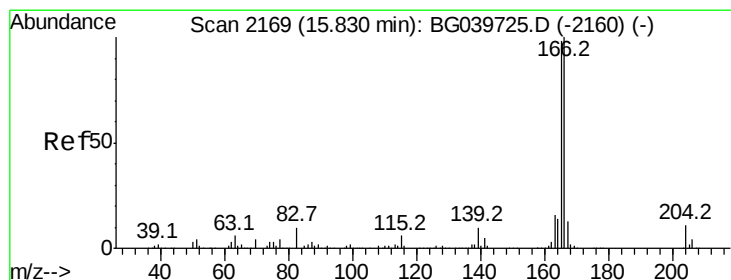
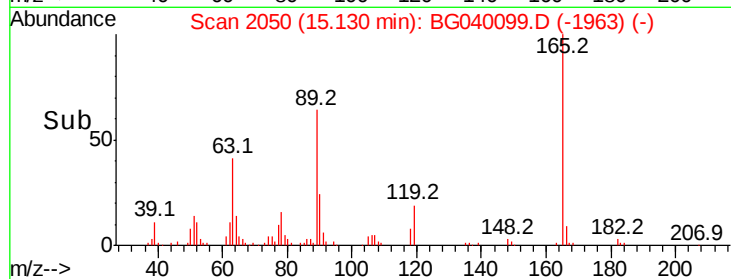
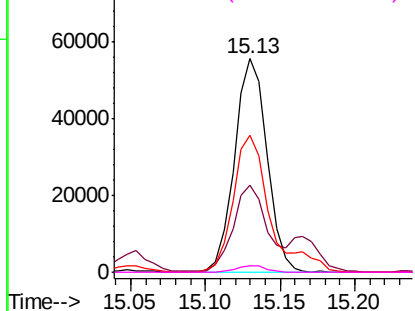
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

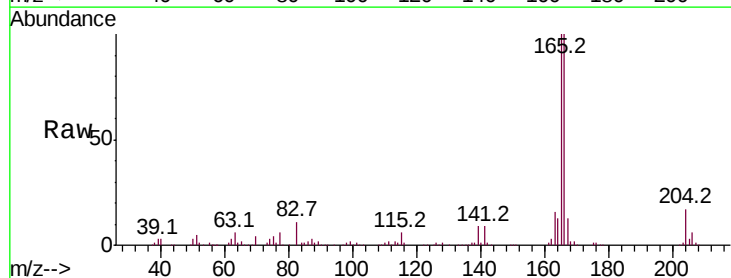
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 26.226 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.9	116.9
167	12.6	10.8	16.2

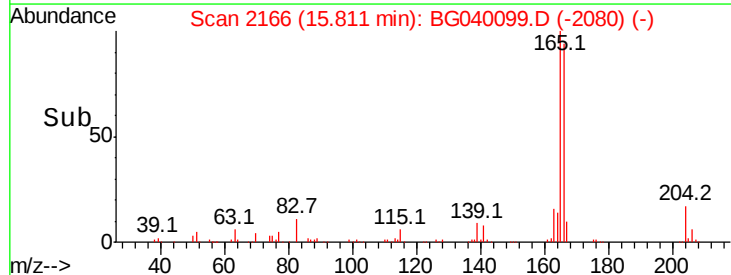
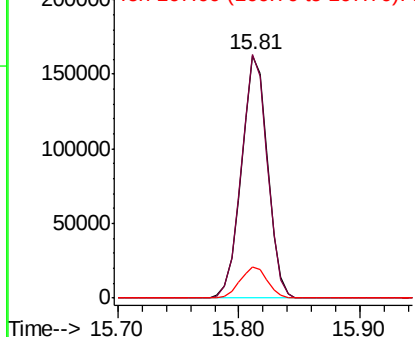


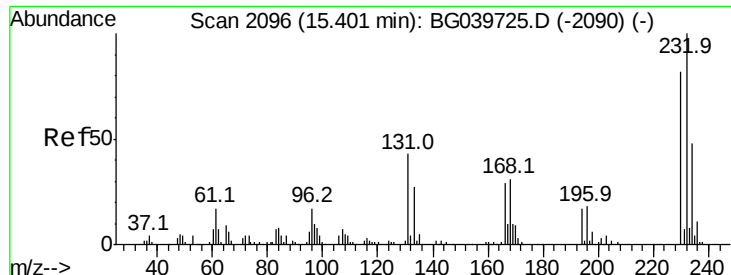
Abundance

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: 28.424 ng

RT: 15.39 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 73495

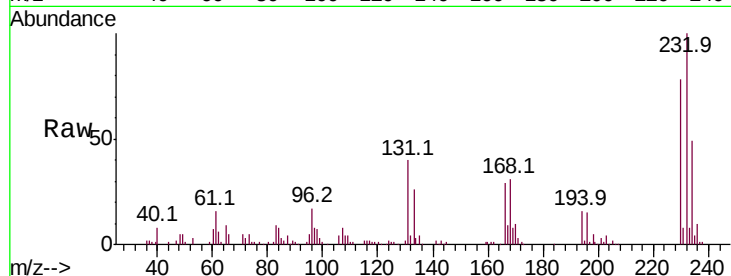
Ion Ratio Lower Upper

232 100

131 39.8 34.9 52.3

130 2.1 2.0 3.0

166 29.6 24.1 36.1

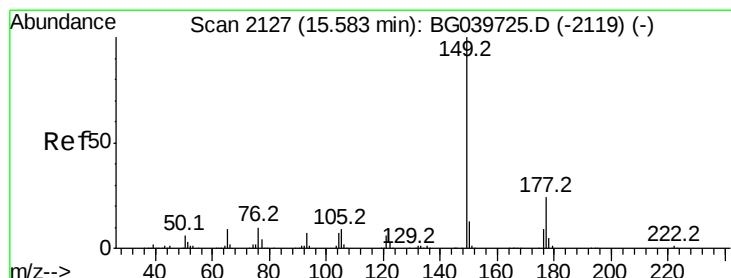
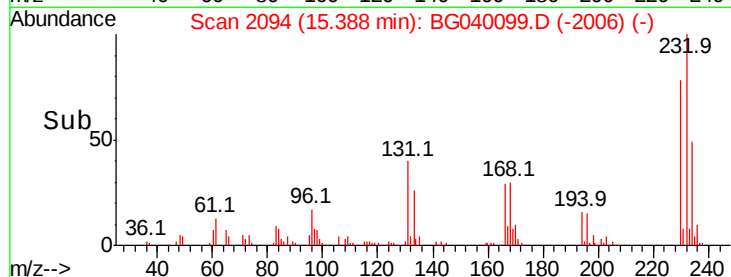
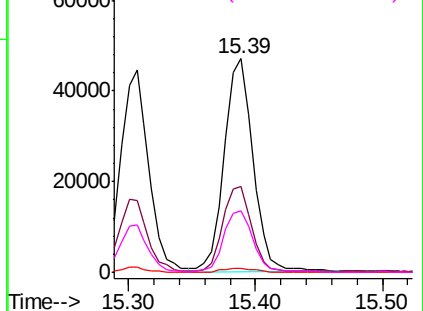


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 26.510 ng

RT: 15.56 min Scan# 2124

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

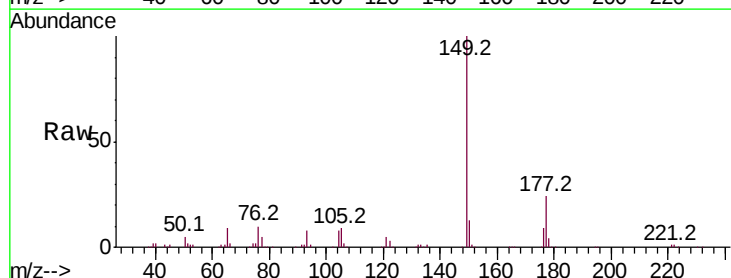
Tgt Ion:149 Resp: 259883

Ion Ratio Lower Upper

149 100

177 24.3 18.3 27.5

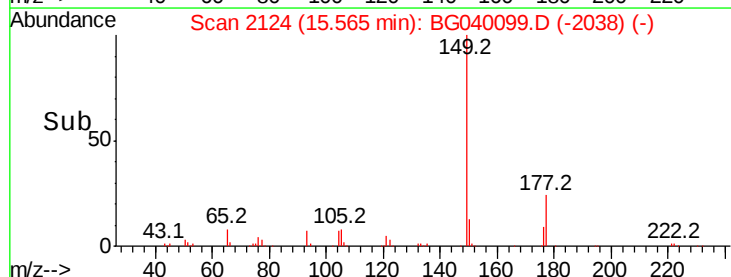
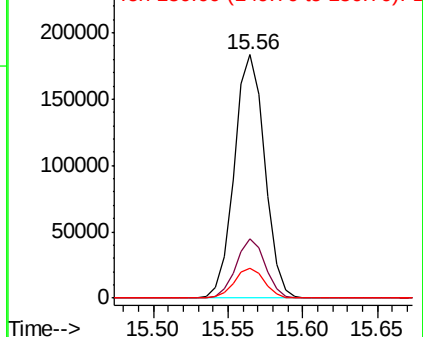
150 12.5 10.2 15.2

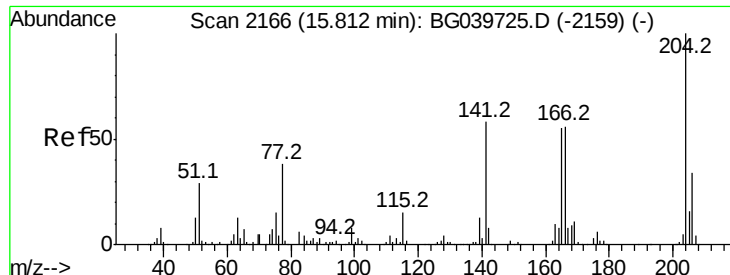


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

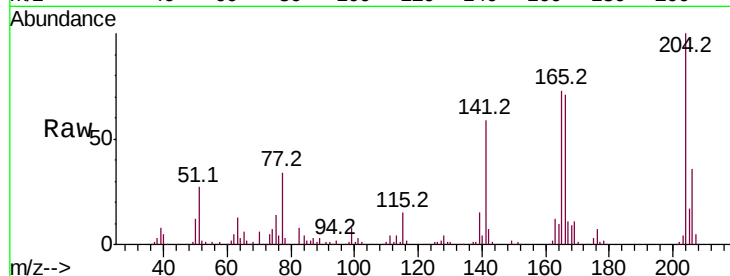




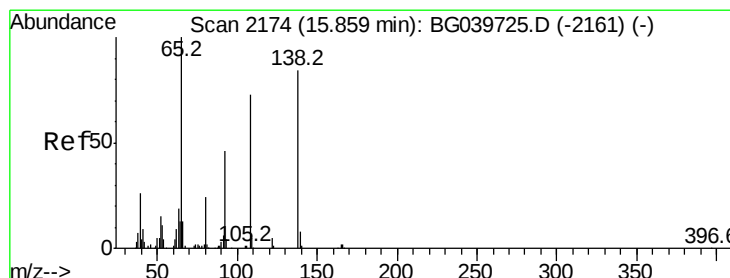
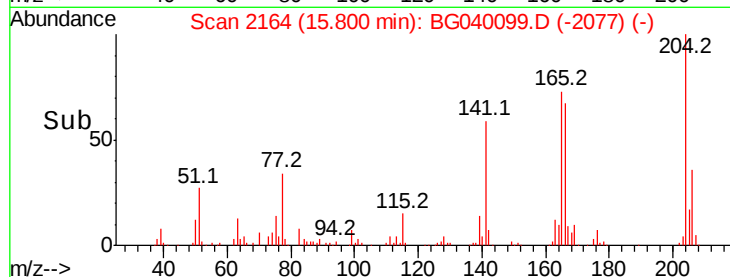
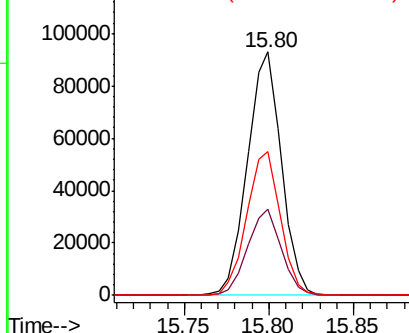
#61
 4-Chlorophenyl-phenylether
 Concen: 26.098 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 130050
 Ion Ratio Lower Upper
 204 100
 206 35.7 29.2 43.8
 141 59.1 49.0 73.4

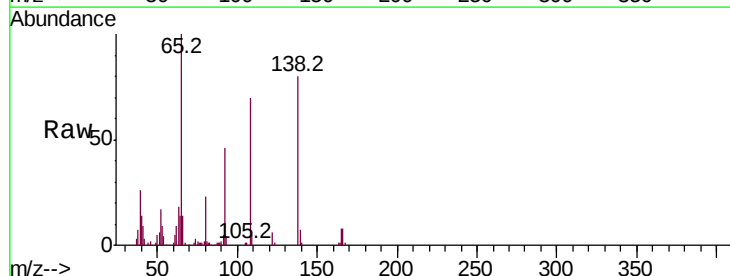


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

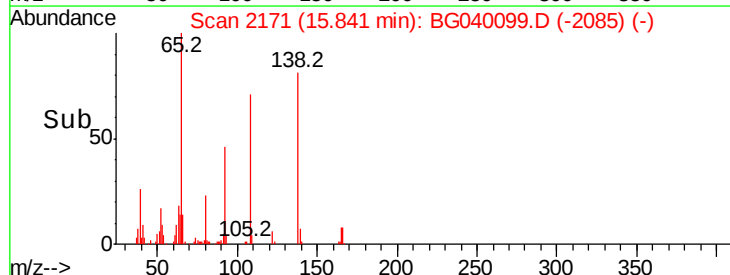
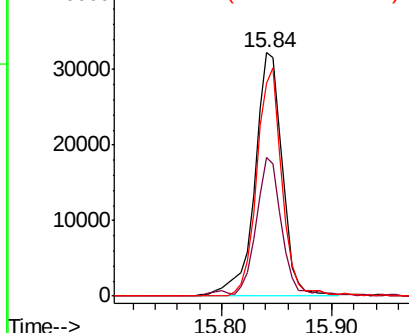


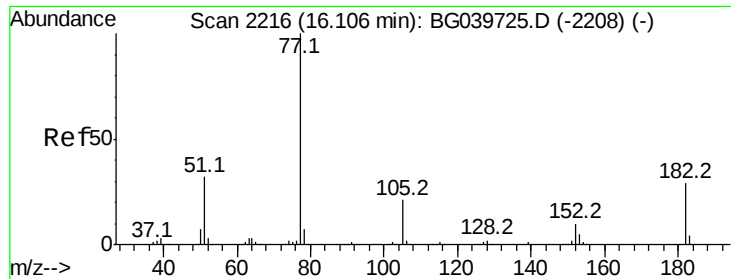
#62
 4-Nitroaniline
 Concen: 24.566 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Tgt Ion:138 Resp: 56203
 Ion Ratio Lower Upper
 138 100
 92 57.1 38.7 78.7
 108 87.7 74.6 114.6



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





#63

Azobenzene

Concen: 25.675 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 228158

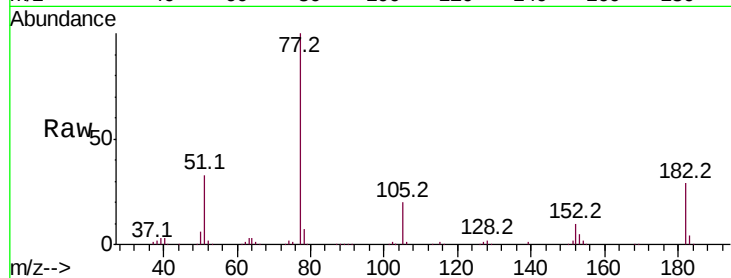
Ion Ratio Lower Upper

77 100

182 28.5 6.4 46.4

105 19.8 0.0 39.8

51 32.8 14.1 54.1

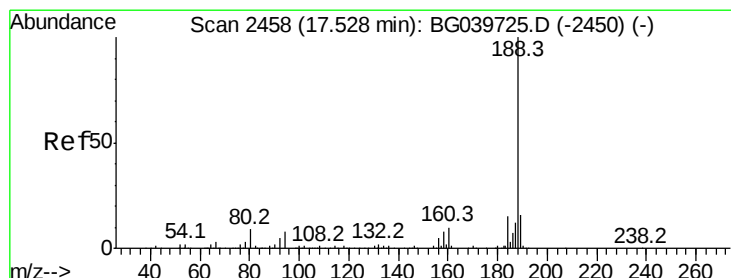
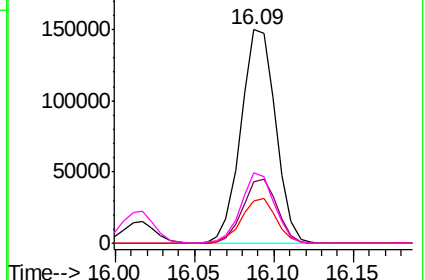
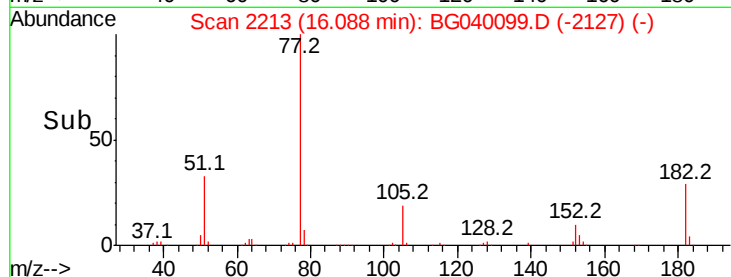


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

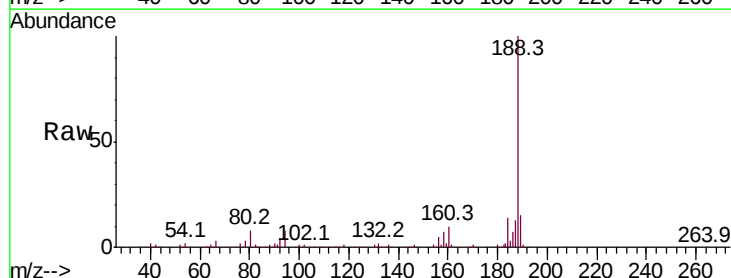
Tgt Ion: 188 Resp: 297054

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

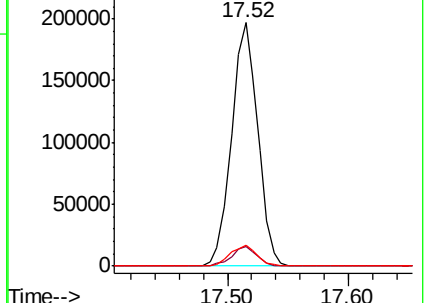
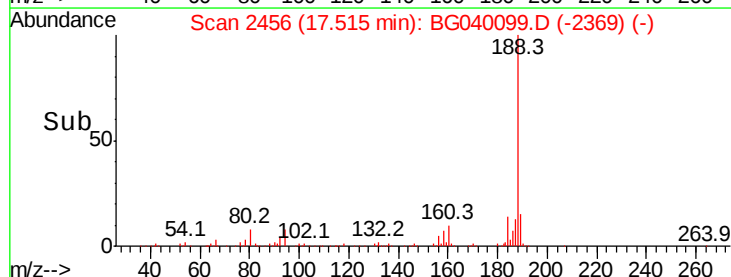
80 8.4 8.1 12.1

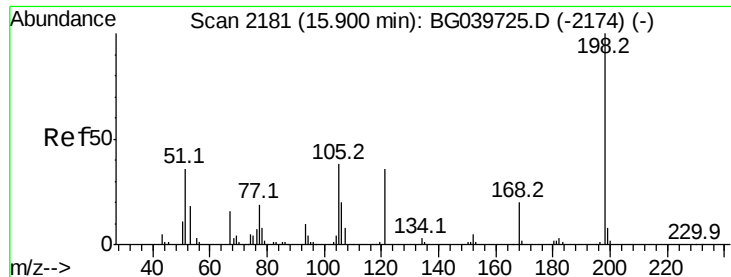


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 23.595 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

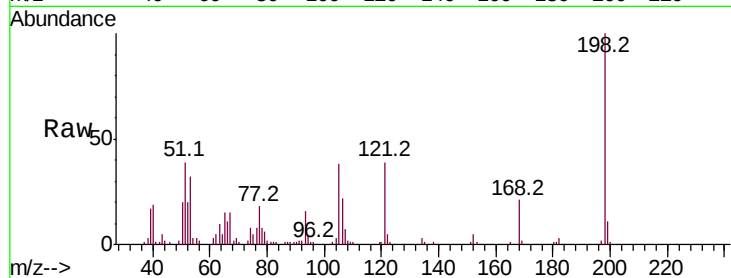
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 41442

Ion	Ratio	Lower	Upper
198	100		
51	39.2	27.4	67.4
105	38.2	19.7	59.7

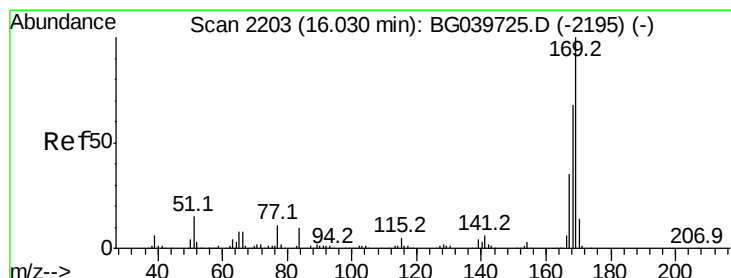
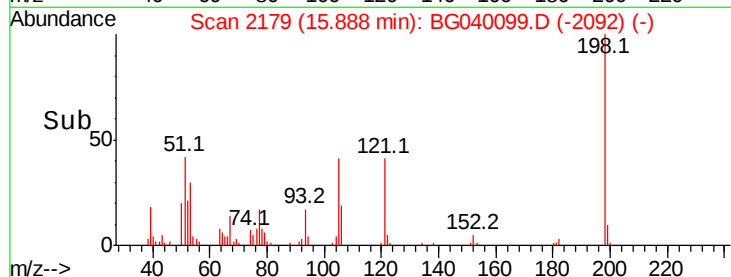
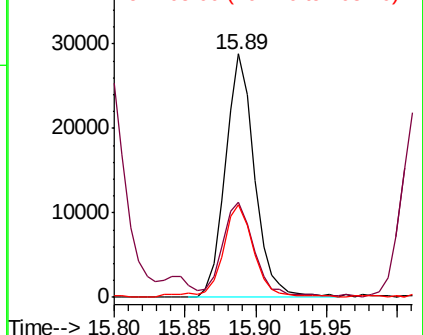


Abundance

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: 26.493 ng

RT: 16.02 min Scan# 2201

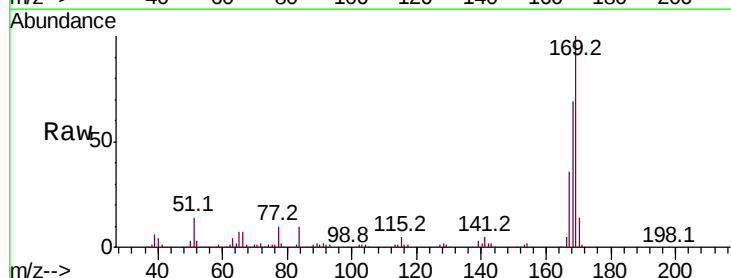
Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Tgt Ion:169 Resp: 227830

Ion	Ratio	Lower	Upper
169	100		
168	69.1	56.6	85.0
167	35.8	28.8	43.2

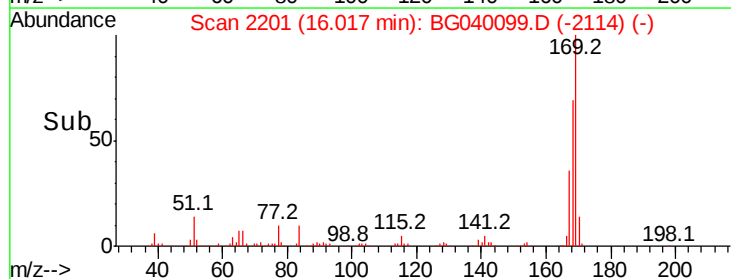
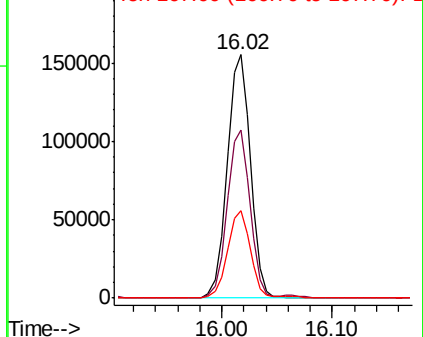


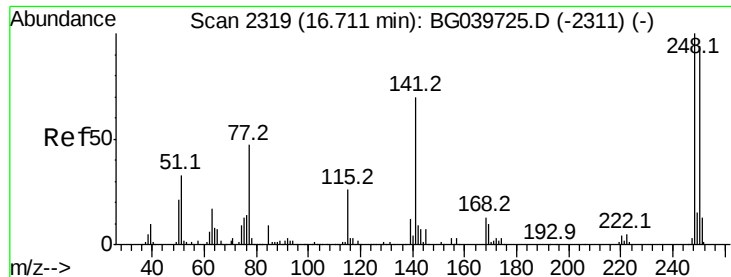
Abundance

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

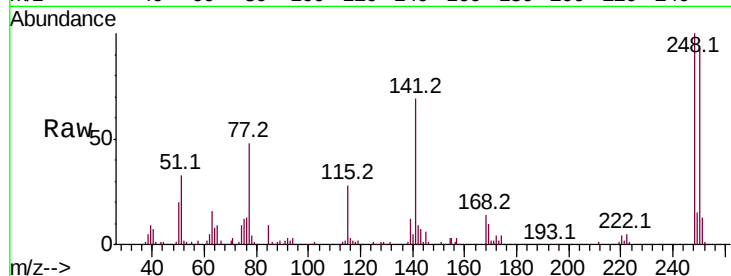




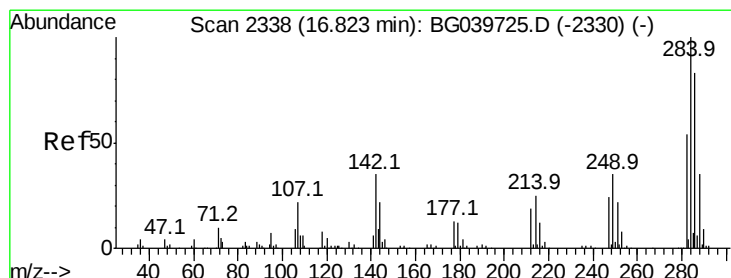
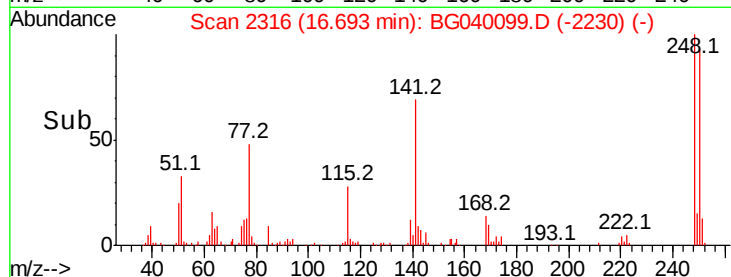
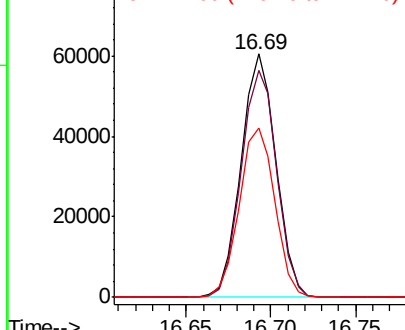
#67
 4-Bromophenyl-phenylether
 Concen: 26.103 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 86795
 Ion Ratio Lower Upper
 248 100
 250 93.4 77.6 116.4
 141 69.4 63.9 95.9

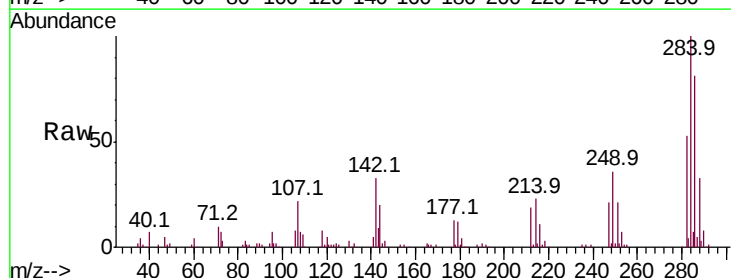


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

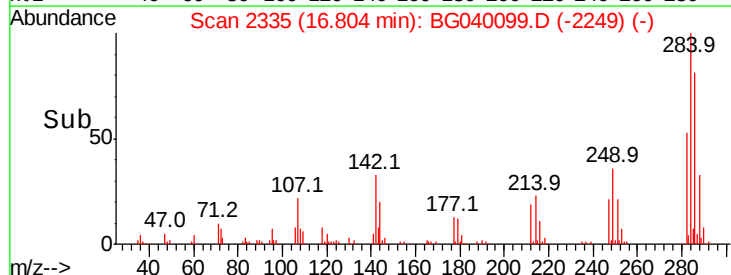
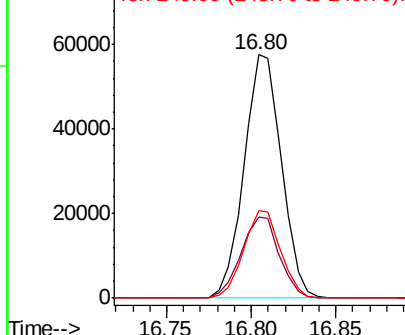


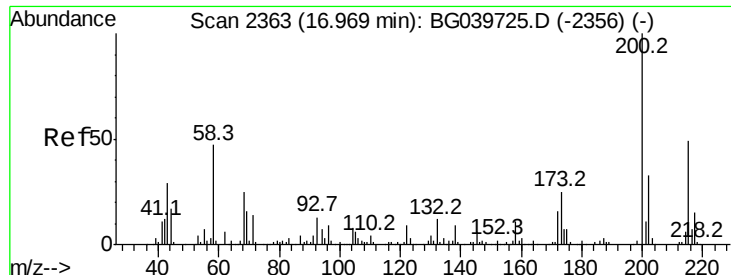
#68
 Hexachlorobenzene
 Concen: 25.693 ng
 RT: 16.80 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Tgt Ion:284 Resp: 88553
 Ion Ratio Lower Upper
 284 100
 142 33.0 30.6 45.8
 249 36.1 28.2 42.2



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

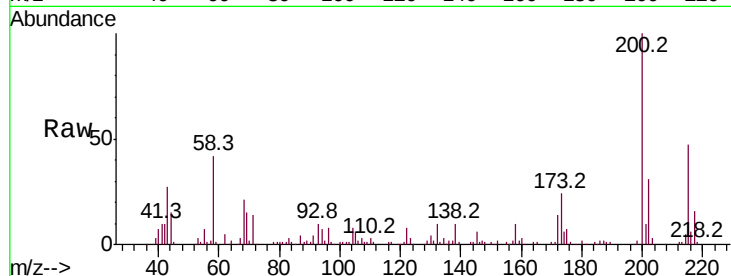




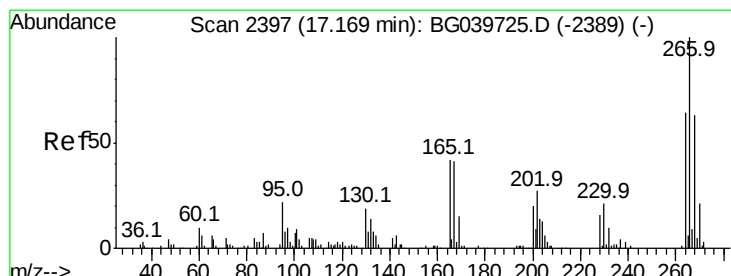
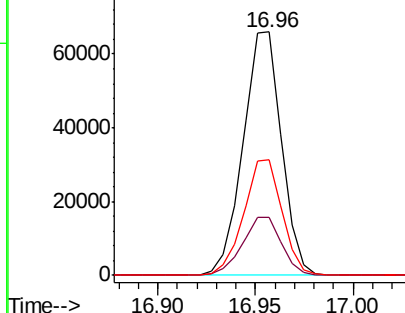
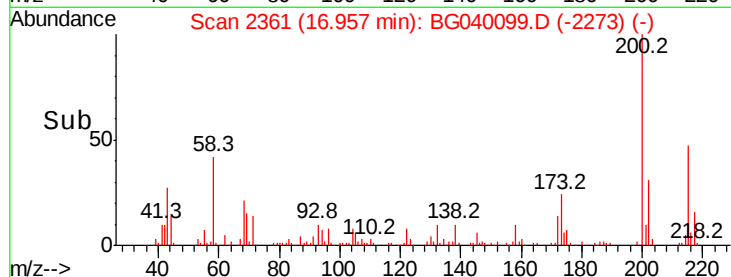
#69
 Atrazine
 Concen: 26.559 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	3.9	43.9
215	47.5	30.9	70.9

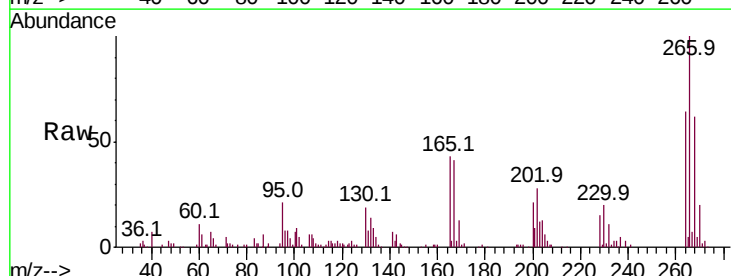


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

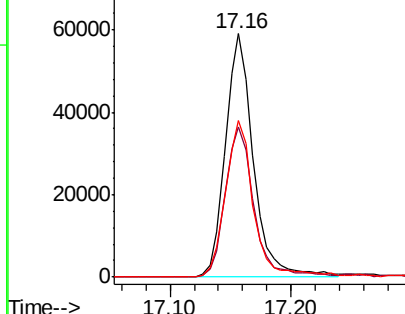
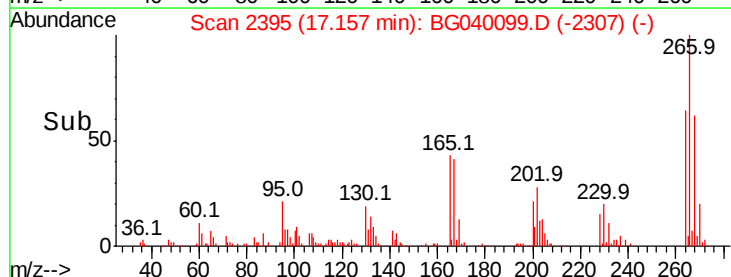


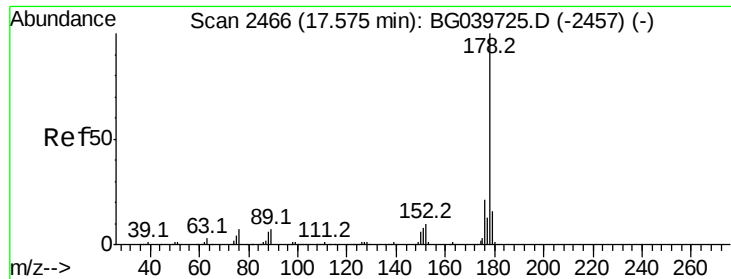
#70
 Pentachlorophenol
 Concen: 43.685 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.1	76.7
264	64.2	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

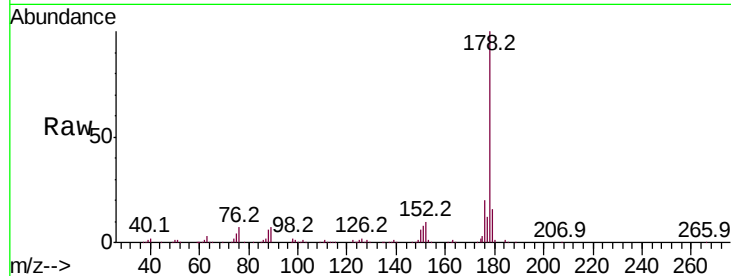




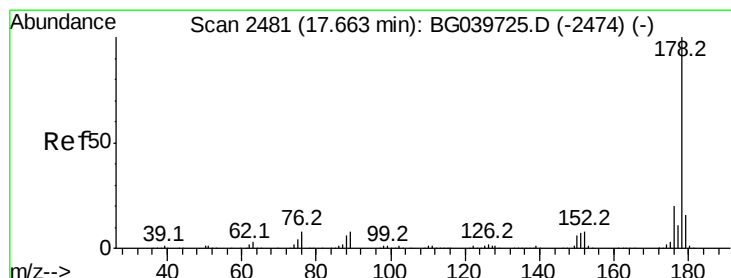
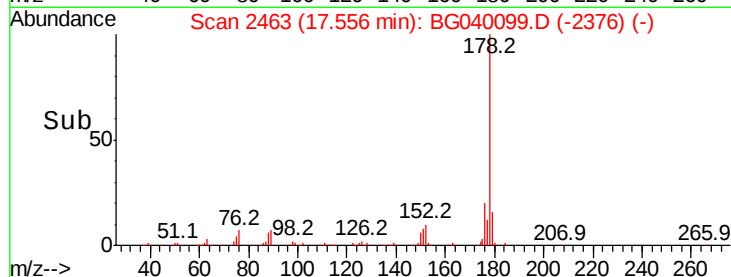
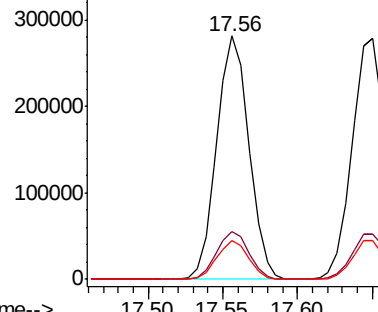
#71
 Phenanthrene
 Concen: 25.611 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 419044
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.8 12.6 19.0

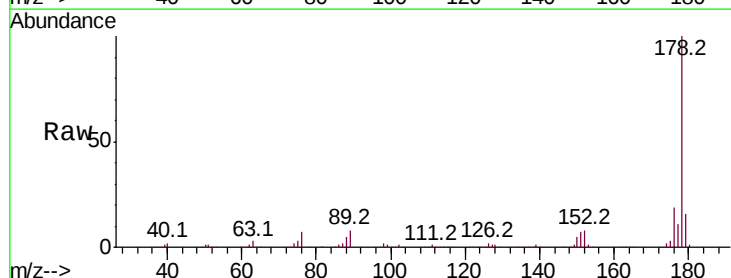


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

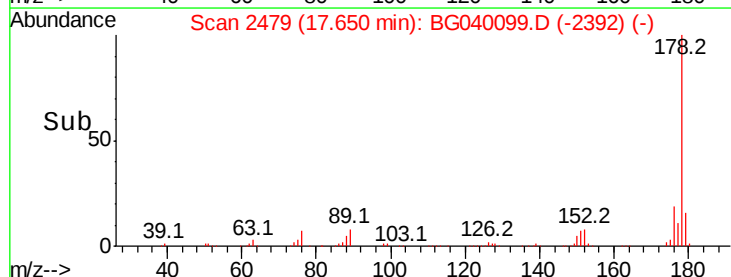
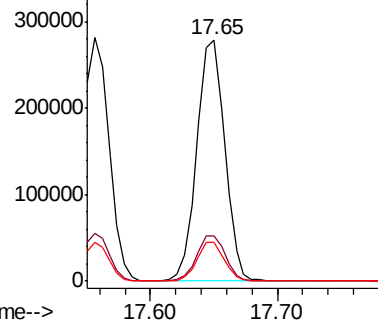


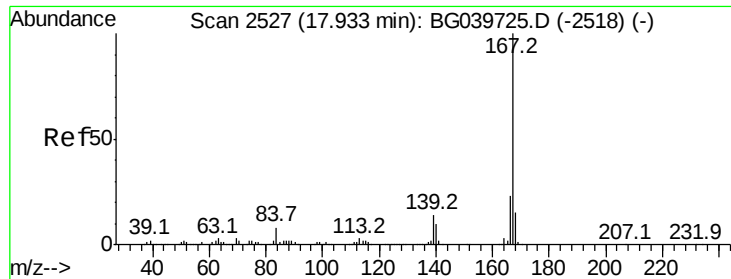
#72
 Anthracene
 Concen: 26.598 ng
 RT: 17.65 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Tgt Ion:178 Resp: 424089
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.6
 179 16.3 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

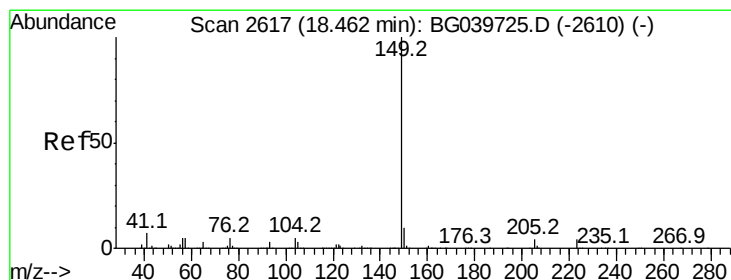
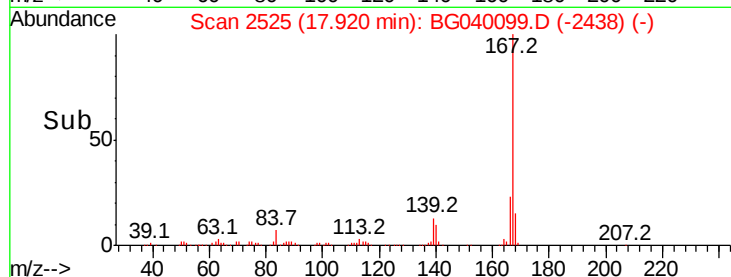
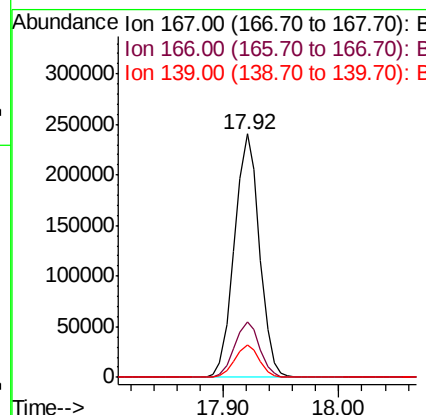
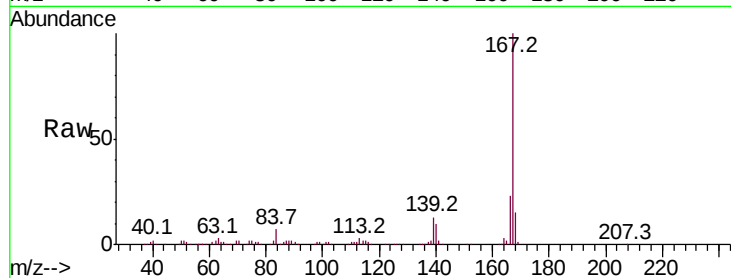




#73
 Carbazole
 Concen: 25.107 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

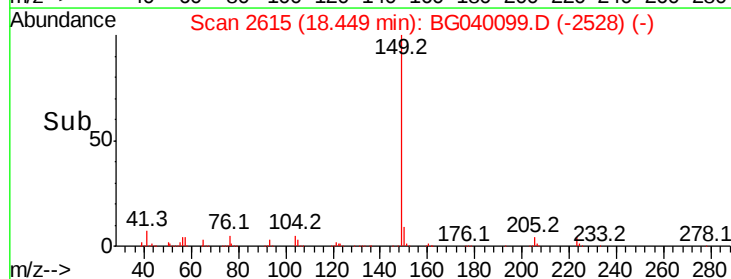
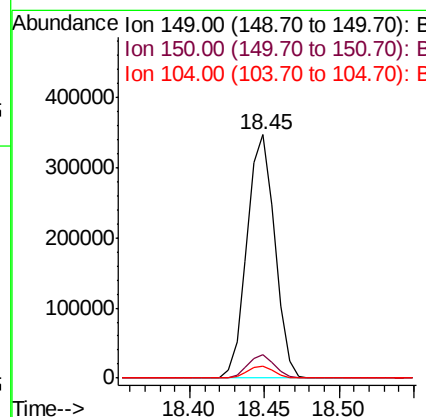
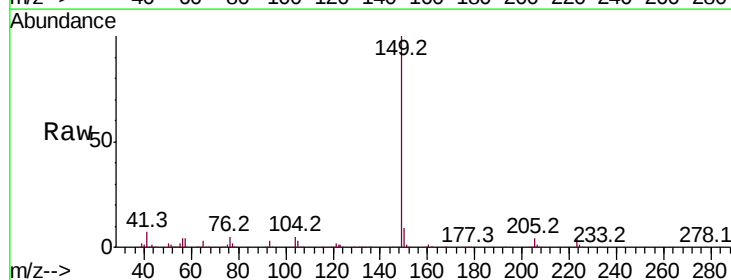
Instrument :
 BNA_G
 ClientSampleId :

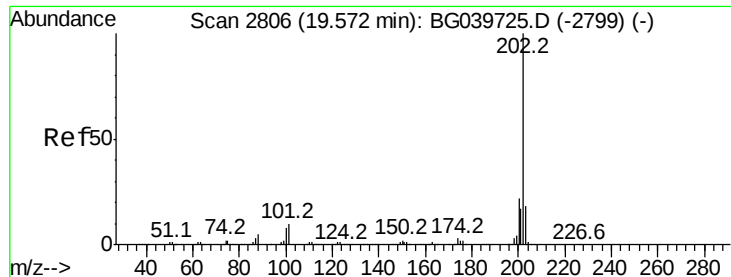
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.4	29.2
139	13.3	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 26.351 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.8	4.5	6.7





#75

Fluoranthene

Concen: 25.500 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040099.D

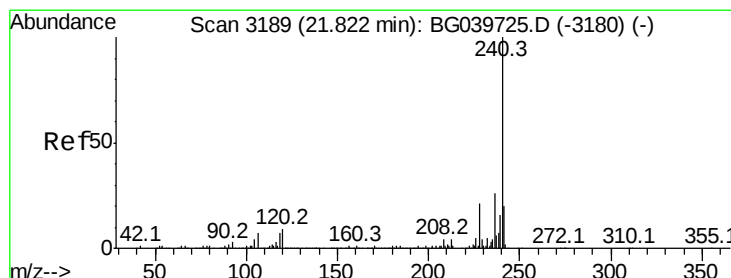
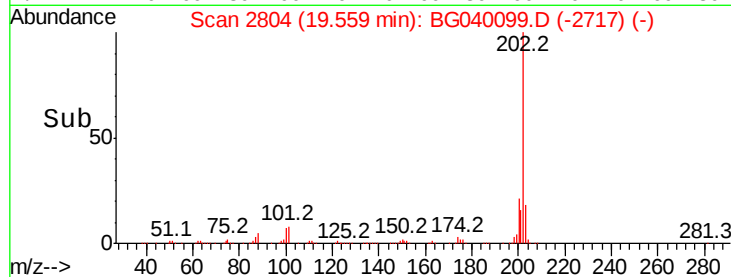
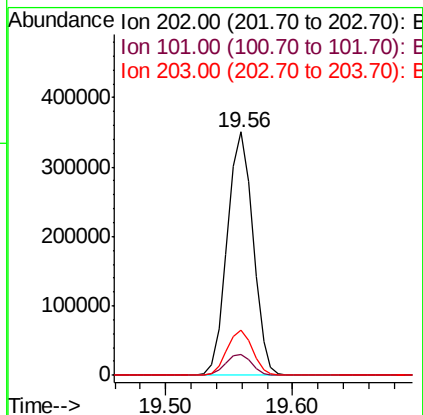
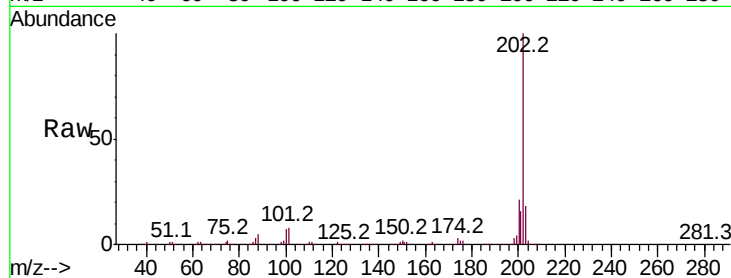
Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	493102
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.0
203	18.3	0.0	38.9



#76

Chrysene-d12

Concen: 20.000 ng

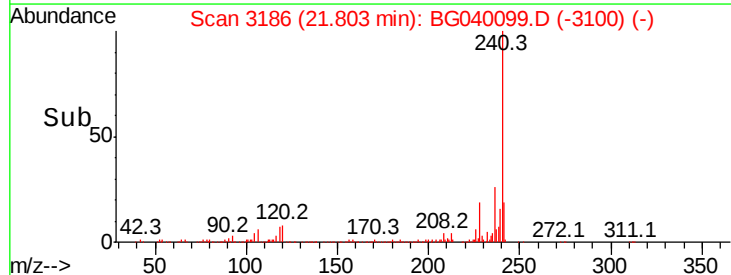
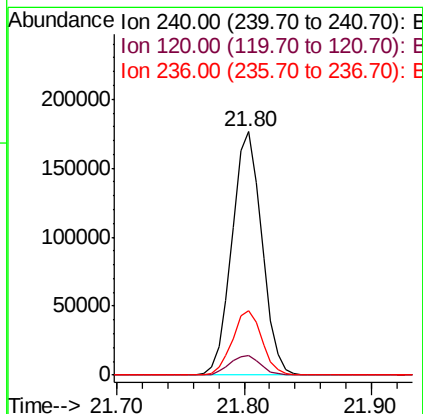
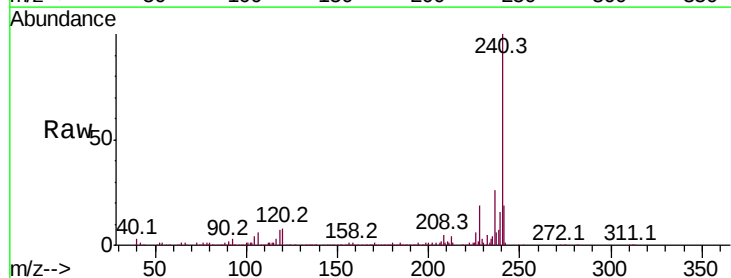
RT: 21.80 min Scan# 3186

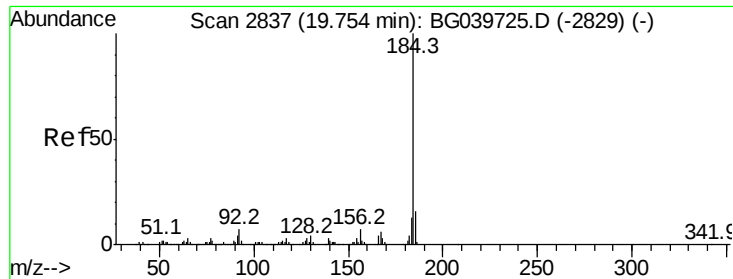
Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Tgt Ion:	240	Resp:	287636
Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.0	10.6
236	26.2	21.0	31.4





#77

Benzidine

Concen: 11.124 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

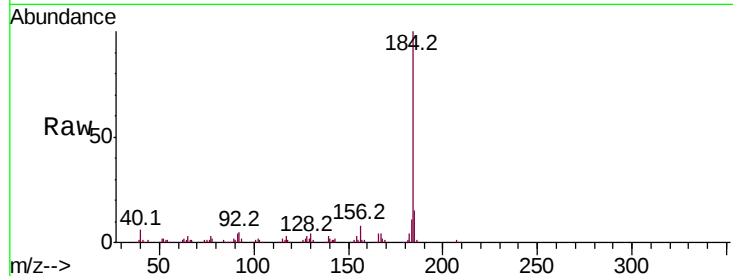
Tot Ion:184 Resp: 101536

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

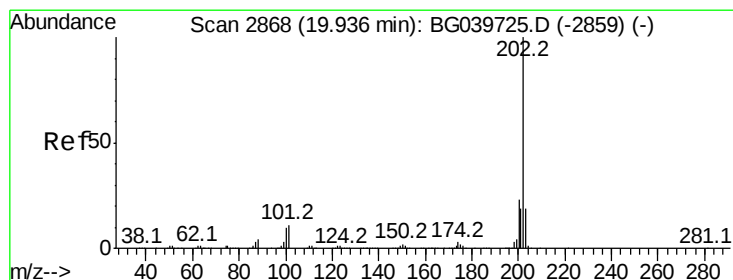
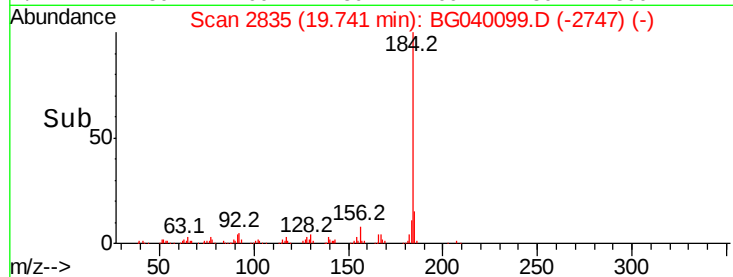
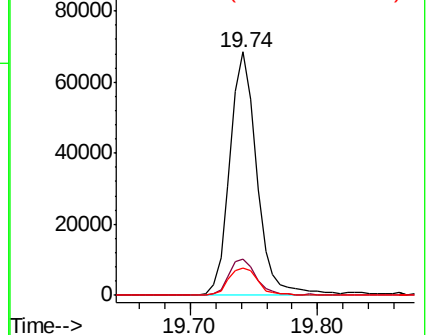
183 11.3 10.6 15.8



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: 26.605 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

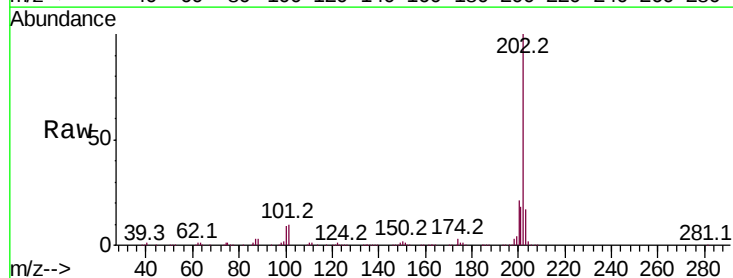
Tgt Ion:202 Resp: 497260

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.8

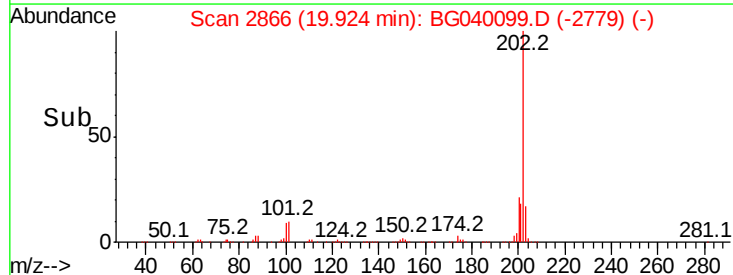
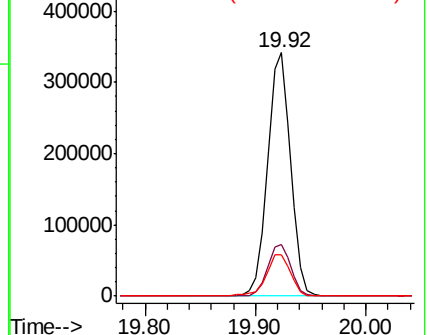
203 16.8 15.3 22.9

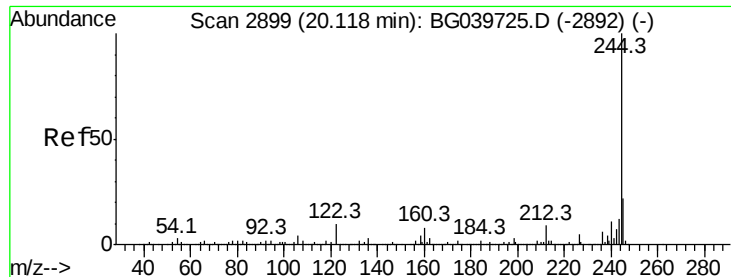


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 49.539 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

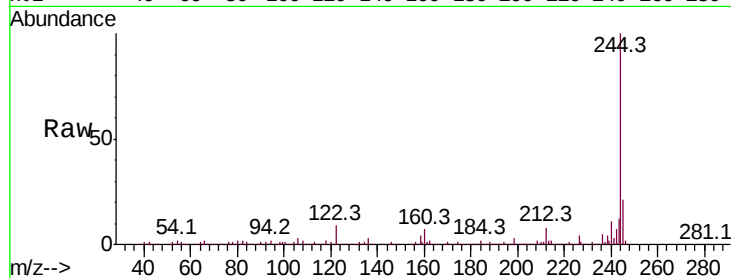
Tot Ion:244 Resp: 647160

Ion Ratio Lower Upper

244 100

212 7.8 7.3 10.9

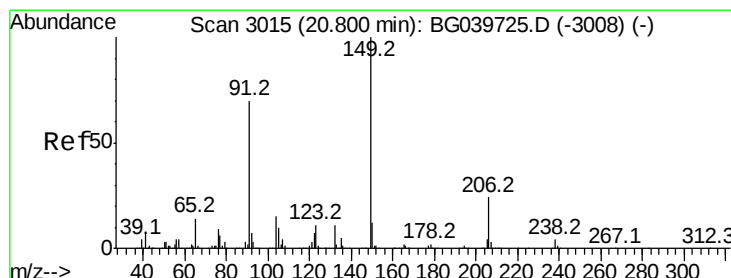
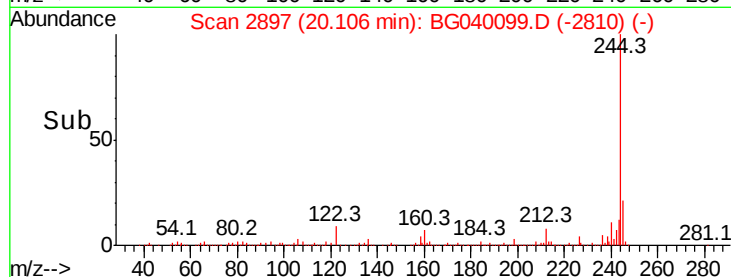
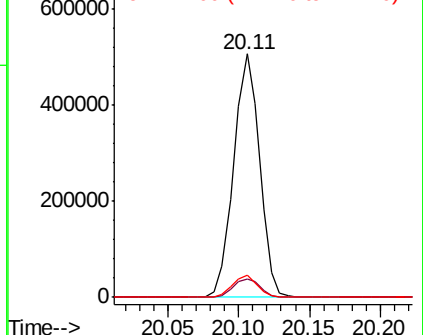
122 8.9 8.4 12.6



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: 26.787 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

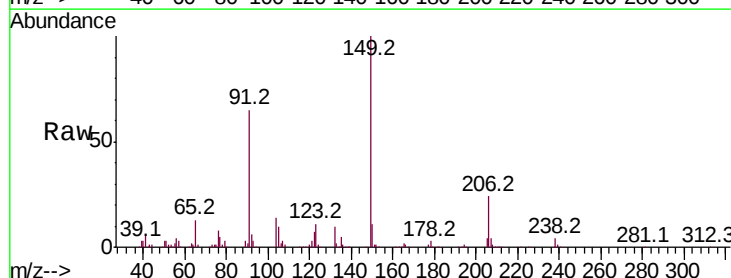
Tgt Ion:149 Resp: 193973

Ion Ratio Lower Upper

149 100

91 65.5 59.5 89.3

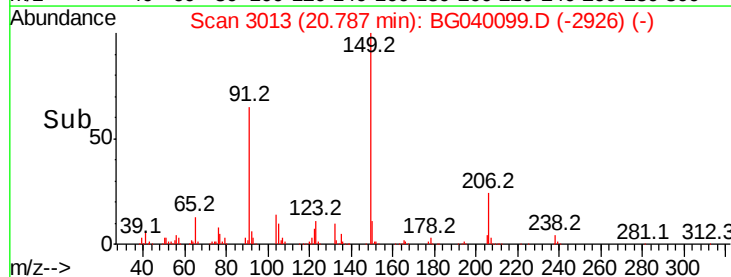
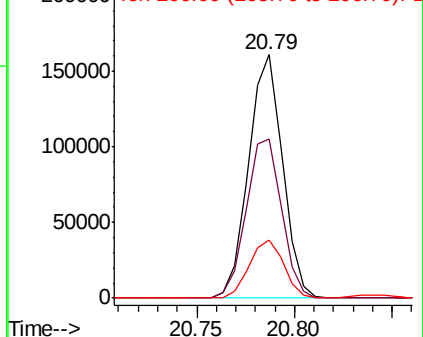
206 24.0 18.6 27.8

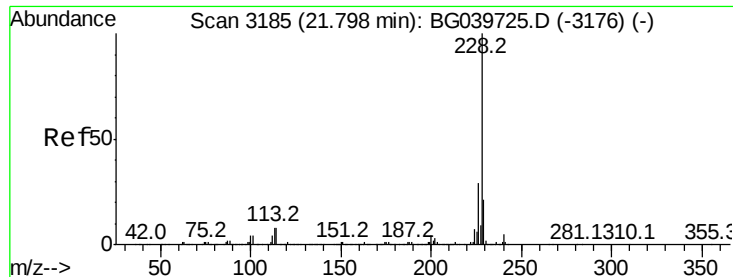


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 25.264 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

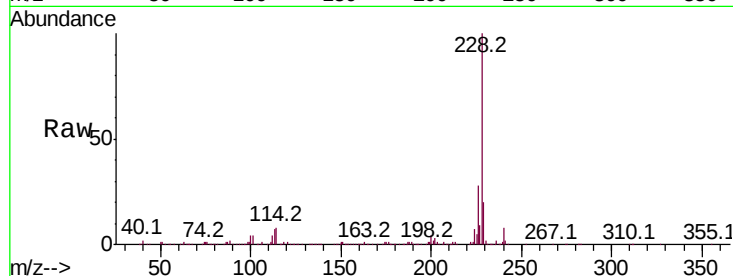
Tot Ion:228 Resp: 455434

Ion Ratio Lower Upper

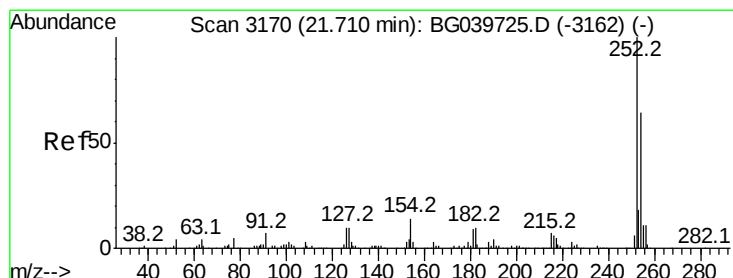
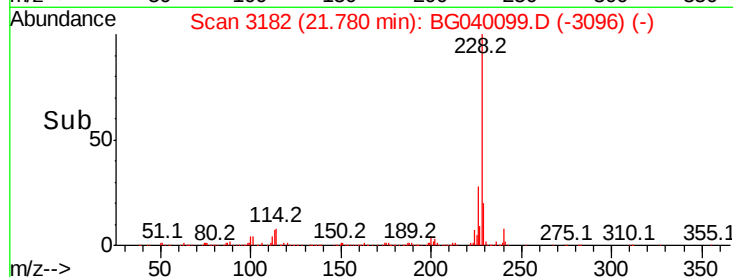
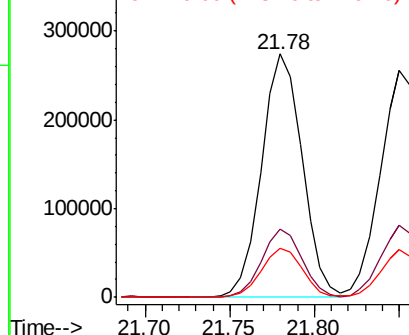
228 100

226 28.0 23.0 34.6

229 19.9 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: 12.623 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

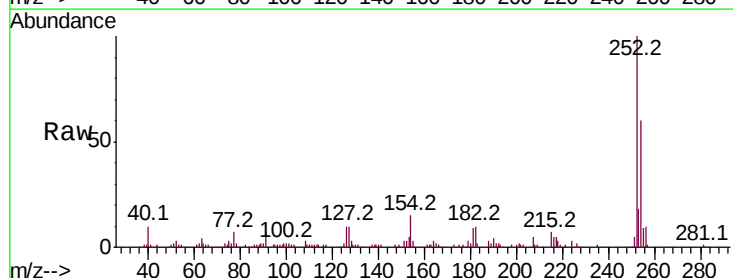
Tgt Ion:252 Resp: 83078

Ion Ratio Lower Upper

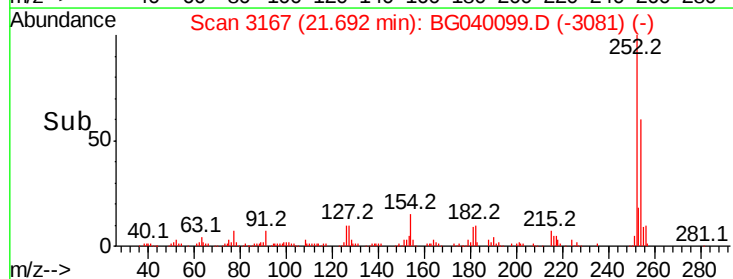
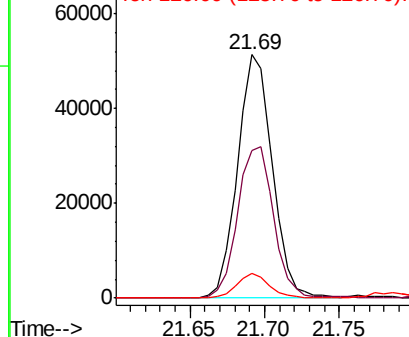
252 100

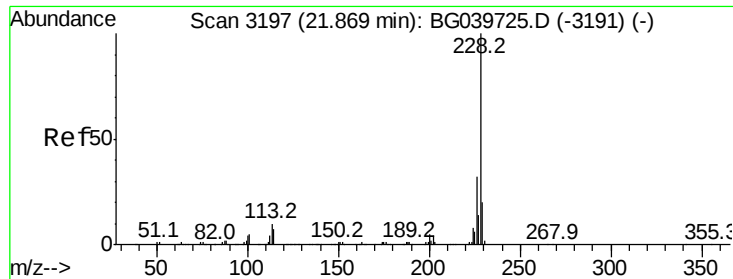
254 60.4 51.3 76.9

126 10.0 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

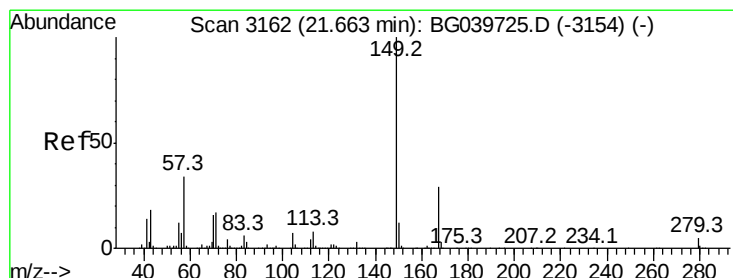
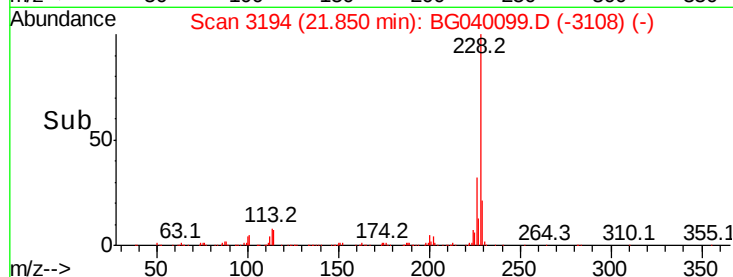
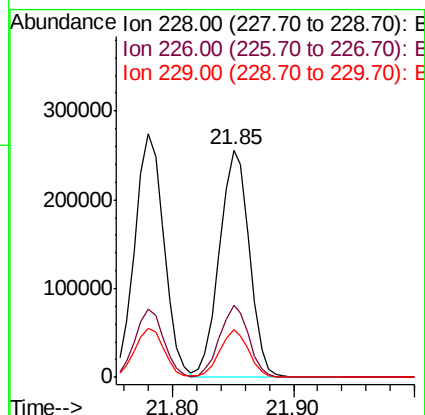
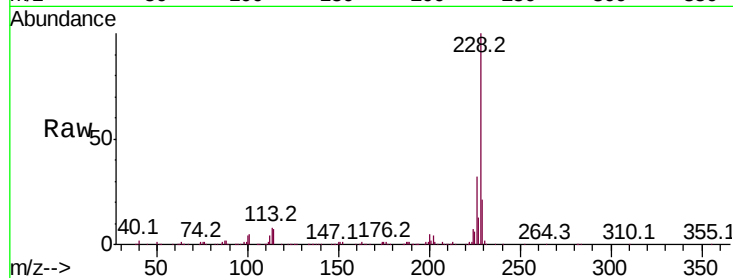




#83
 Chrysene
 Concen: 24.963 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

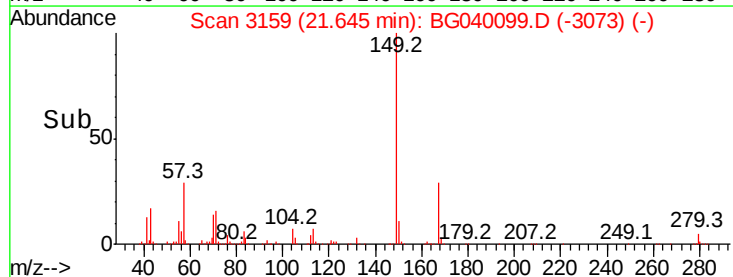
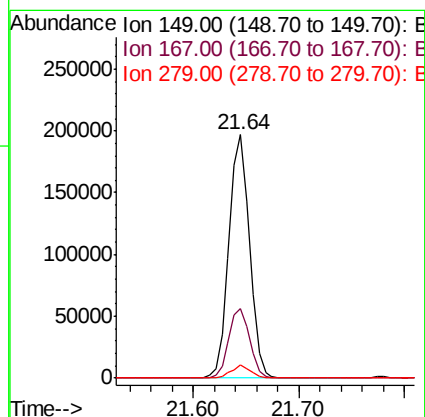
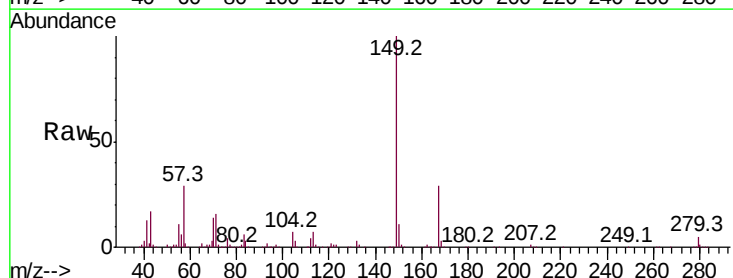
Instrument :
 BNA_G
 ClientSampleId :

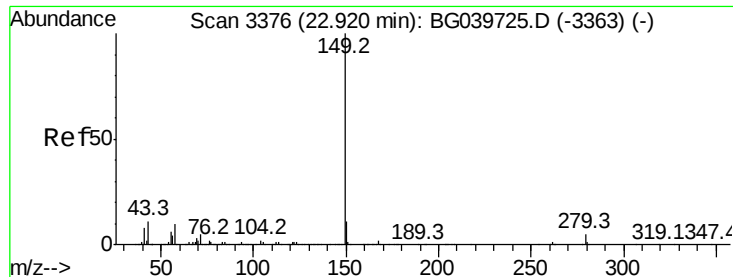
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.8	38.6
229	21.0	16.6	25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 26.012 ng
 RT: 21.64 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG040099.D
 Acq: 23 Mar 2019 2:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	34.0
279	5.3	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 27.133 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

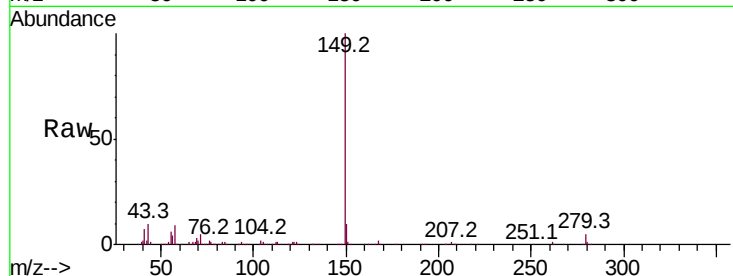
Tot Ion:149 Resp: 457164

Ion Ratio Lower Upper

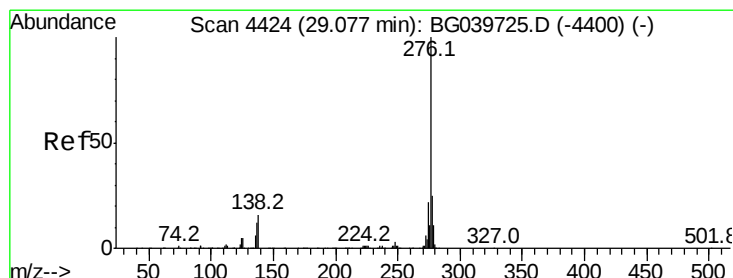
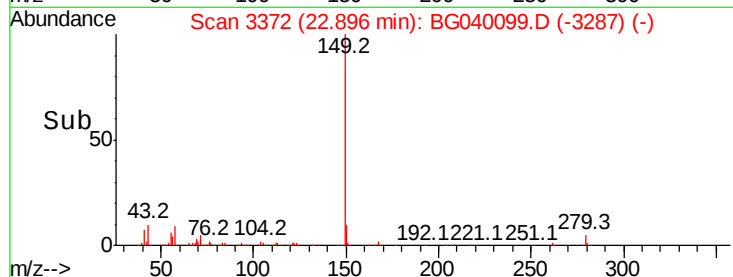
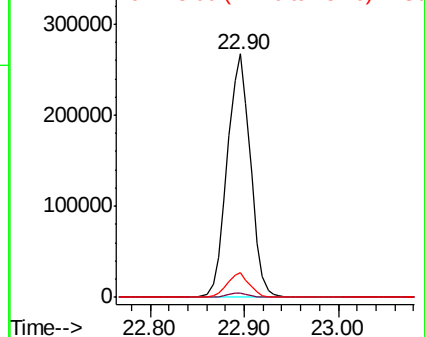
149 100

167 1.7 1.3 1.9

43 10.0 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: 25.059 ng

RT: 29.02 min Scan# 4415

Delta R.T. -0.07 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

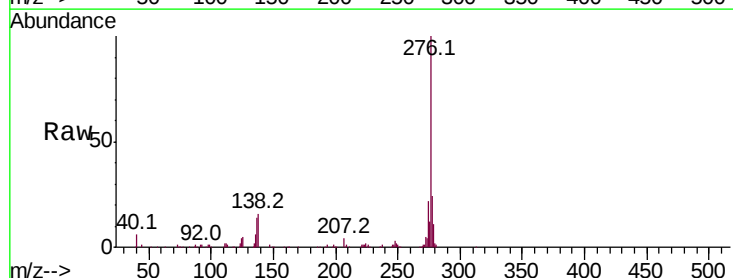
Tgt Ion:276 Resp: 496827

Ion Ratio Lower Upper

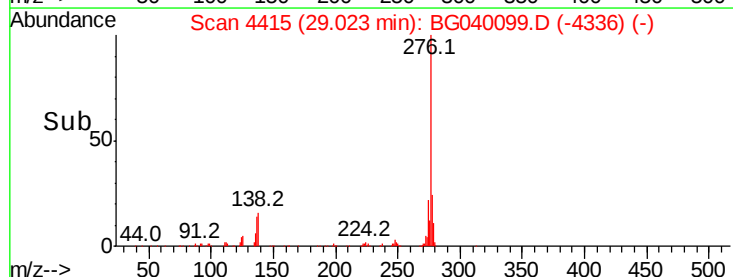
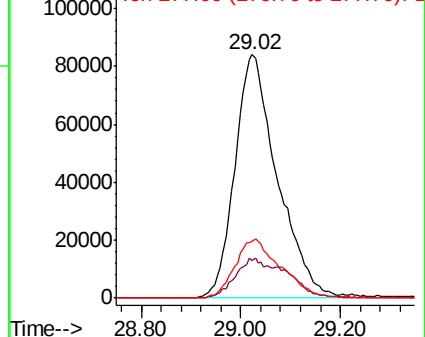
276 100

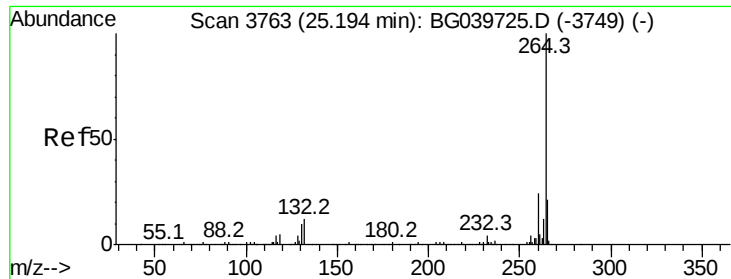
138 19.9 12.6 19.0#

277 25.8 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: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampleId :

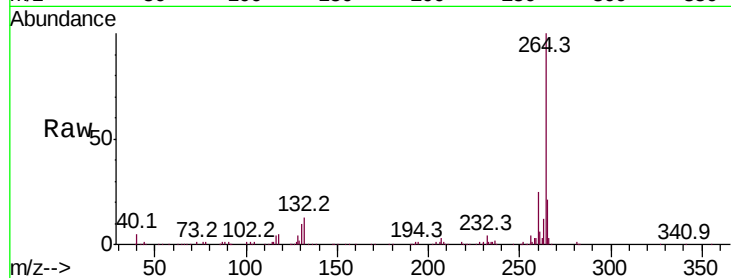
Tot Ion:264 Resp: 292809

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.4

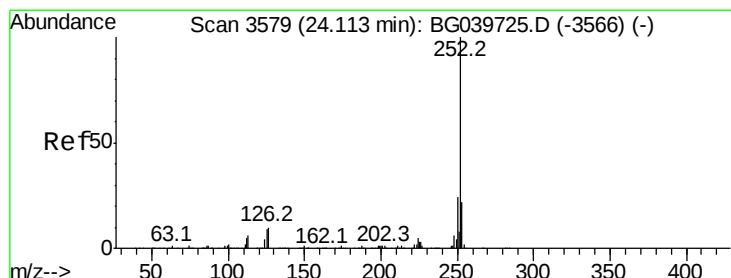
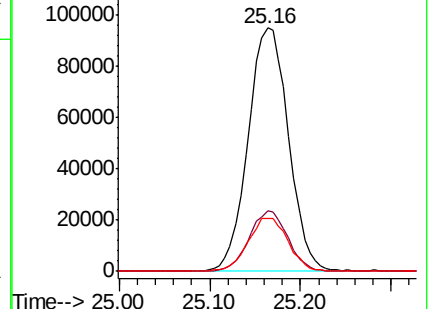
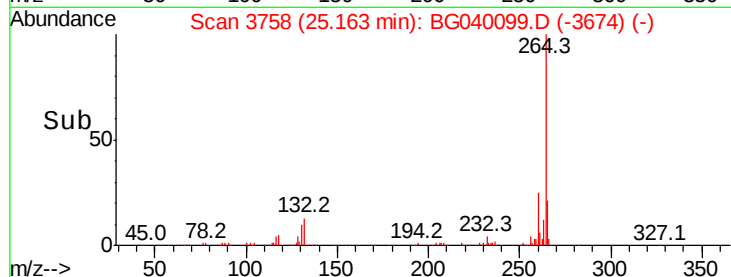
265 21.5 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 25.245 ng

RT: 24.08 min Scan# 3574

Delta R.T. -0.04 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

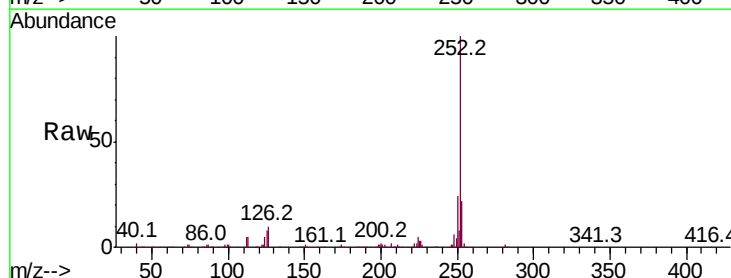
Tgt Ion:252 Resp: 440806

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

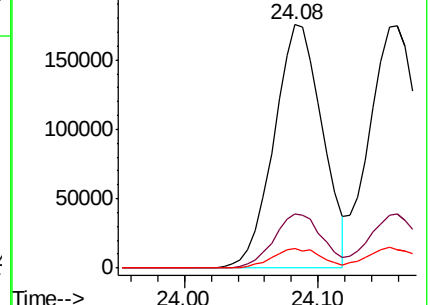
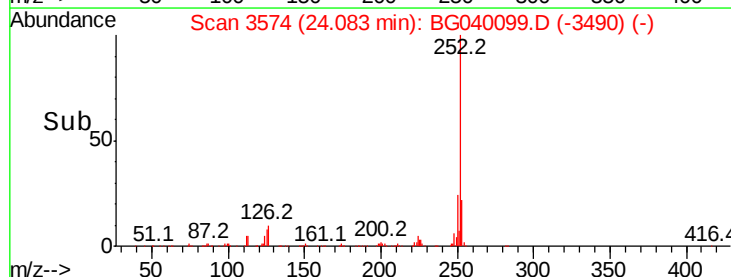
125 8.0 7.8 11.6

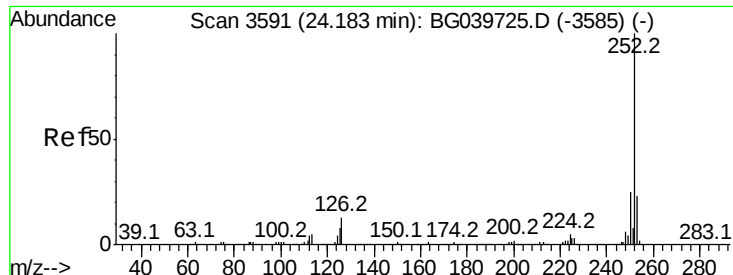


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 27.442 ng

RT: 24.16 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

Instrument :

BNA_G

ClientSampled :

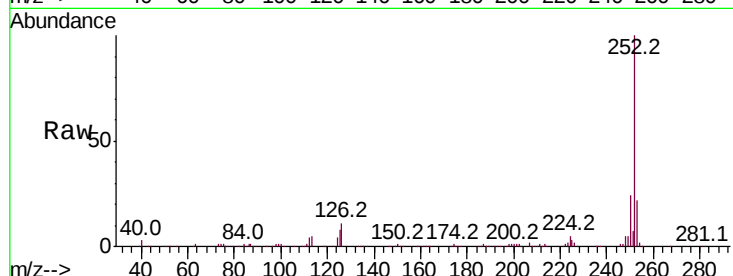
Tot Ion:252 Resp: 446027

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

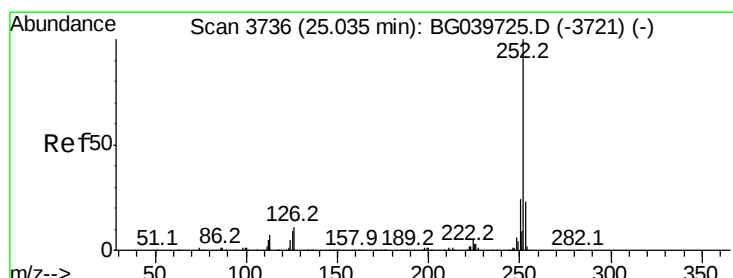
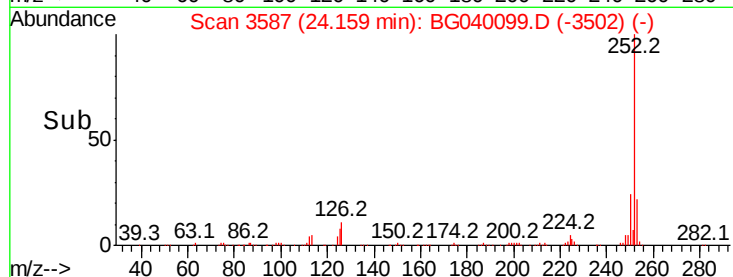
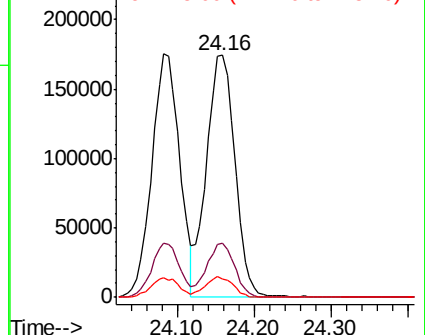
125 7.7 7.4 11.2



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: 26.973 ng

RT: 25.00 min Scan# 3731

Delta R.T. -0.04 min

Lab File: BG040099.D

Acq: 23 Mar 2019 2:54

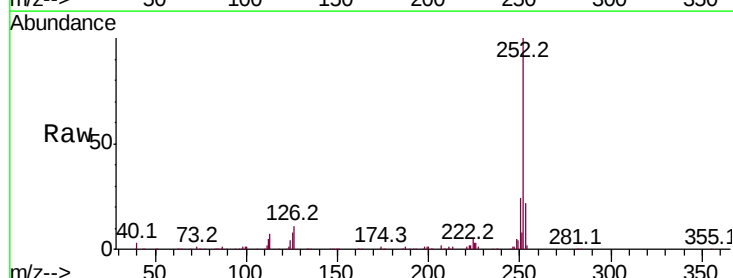
Tgt Ion:252 Resp: 435202

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

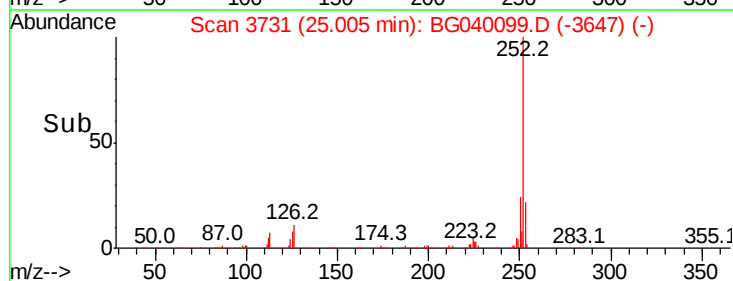
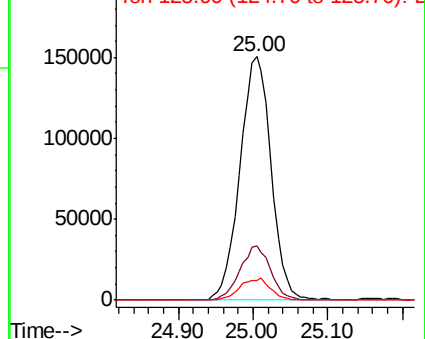
125 8.2 8.3 12.5#

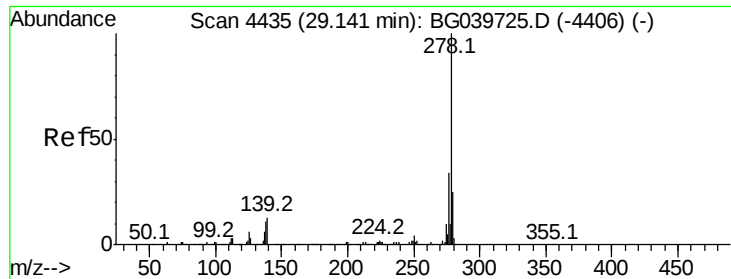


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

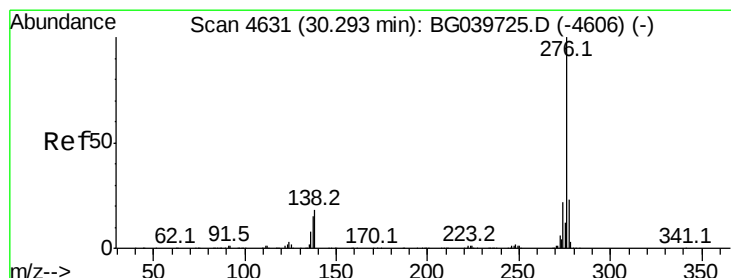
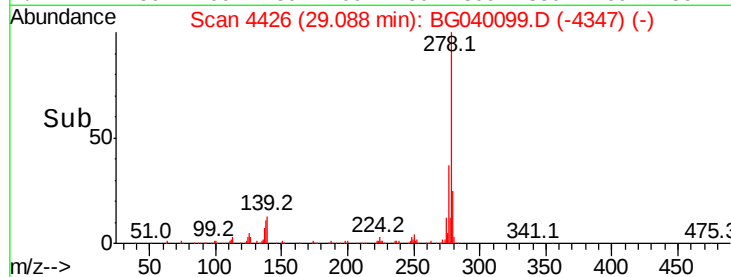
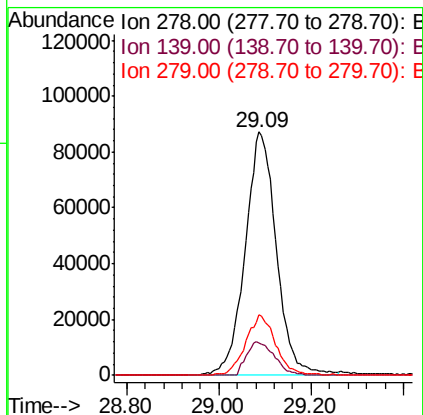
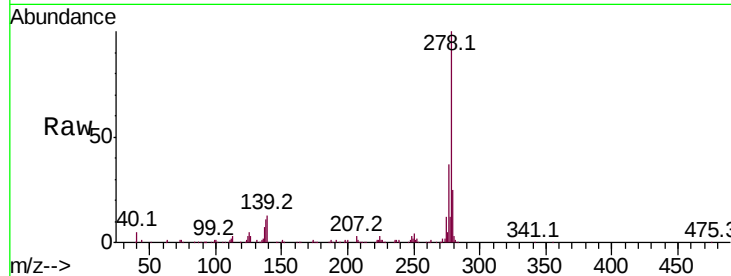




#91
Dibenzo(a,h)anthracene
Concen: 25.933 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.07 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.7	17.5
279	24.7	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 26.032 ng
RT: 30.24 min Scan# 4623
Delta R.T. -0.07 min
Lab File: BG040099.D
Acq: 23 Mar 2019 2:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.6	29.4
138	15.6	14.7	22.1

