

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040709.D
 Acq On : 2 May 2019 16:28
 Operator : JU/SJ
 Sample : PB119403BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

Quant Time: May 03 04:22:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	42498	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	178418	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	134641	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	381804	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	432785	20.00	ng	-0.02
87) Perylene-d12	25.16	264	381536	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	361935	150.13	ng	0.00
7) Phenol-d6	7.28	99	522591	140.78	ng	-0.01
23) Nitrobenzene-d5	9.32	82	309374	80.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	293019	158.33	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	672100	72.09	ng	-0.02
79) Terphenyl-d14	20.11	244	1485346	76.03	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	55667	50.771	ng	95
3) Pyridine	3.95	79	114125	35.911	ng	97
4) n-Nitrosodimethylamine	3.87	42	68700	38.973	ng	# 80
6) Aniline	7.47	93	150079	30.503	ng	99
8) 2-Chlorophenol	7.71	128	128895	43.786	ng	96
9) Benzaldehyde	7.28	77	95717	44.264	ng	95
10) Phenol	7.31	94	181159	45.400	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	115765	38.688	ng	95
12) 1,3-Dichlorobenzene	8.04	146	132247	41.159	ng	97
13) 1,4-Dichlorobenzene	8.18	146	131339	40.323	ng	97
14) 1,2-Dichlorobenzene	8.50	146	124855	39.747	ng	99
15) Benzyl Alcohol	8.38	79	154304	39.950	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	213319	35.808	ng	97
17) 2-Methylphenol	8.58	107	125866	44.572	ng	97
18) Hexachloroethane	9.23	117	50073	37.476	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	118619	35.499	ng	99
20) 3+4-Methylphenols	8.91	107	176258	44.805	ng	99
22) Acetophenone	8.98	105	214007	43.135	ng	# 95
24) Nitrobenzene	9.36	77	186830	45.349	ng	99
25) Isophorone	9.88	82	334771	38.922	ng	99
26) 2-Nitrophenol	10.08	139	71725	48.568	ng	97
27) 2,4-Dimethylphenol	10.12	122	145361	52.461	ng	96
28) bis(2-Chloroethoxy)methane	10.37	93	172666	40.012	ng	97
29) 2,4-Dichlorophenol	10.60	162	153493	48.727	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	151737	43.437	ng	95
31) Naphthalene	11.02	128	402943	42.510	ng	100
32) Benzoic acid	10.24	122	104593	55.140	ng	88
33) 4-Chloroaniline	11.13	127	109587	26.076	ng	94
34) Hexachlorobutadiene	11.29	225	107978	41.869	ng	96
35) Caprolactam	11.91	113	42787	34.403	ng	93
36) 4-Chloro-3-methylphenol	12.23	107	189257	47.625	ng	99
37) 2-Methylnaphthalene	12.61	142	303667	42.848	ng	98
38) 1-Methylnaphthalene	12.84	142	292641	42.245	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	210430	41.954	ng	98

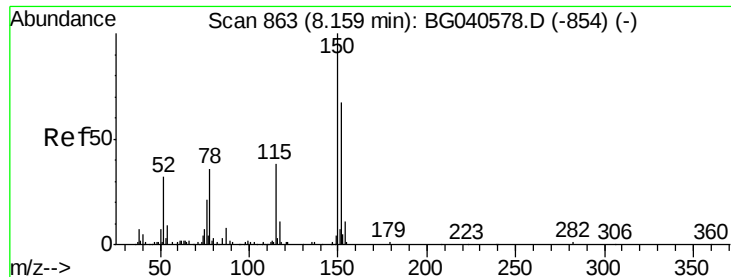
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040709.D
 Acq On : 2 May 2019 16:28
 Operator : JU/SJ
 Sample : PB119403BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

Quant Time: May 03 04:22:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	219622	74.205	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	148626	49.035	ng	96
44) 2,4,5-Trichlorophenol	13.28	196	165505	50.125	ng	93
46) 1,1'-Biphenyl	13.61	154	422057	40.374	ng	96
47) 2-Chloronaphthalene	13.66	162	338829	41.417	ng	98
48) 2-Nitroaniline	13.86	65	151045	51.868	ng	99
49) Acenaphthylene	14.50	152	561680	40.467	ng	99
50) Dimethylphthalate	14.22	163	494121	43.863	ng	98
51) 2,6-Dinitrotoluene	14.35	165	107971	49.109	ng	94
52) Acenaphthene	14.84	154	336280	41.603	ng	94
53) 3-Nitroaniline	14.68	138	86221	38.274	ng	# 93
54) 2,4-Dinitrophenol	14.89	184	122222	96.938	ng	# 85
55) Dibenzofuran	15.17	168	572309	43.227	ng	100
56) 4-Nitrophenol	14.97	139	198728	101.736	ng	95
57) 2,4-Dinitrotoluene	15.13	165	162537	54.405	ng	# 98
58) Fluorene	15.82	166	463127	43.279	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	177539	53.421	ng	98
60) Diethylphthalate	15.58	149	520248	43.771	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	281248	45.189	ng	100
62) 4-Nitroaniline	15.84	138	125737	49.897	ng	93
63) Azobenzene	16.10	77	510928	41.741	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	86332	46.203	ng	93
66) n-Nitrosodiphenylamine	16.02	169	446731	39.769	ng	96
67) 4-Bromophenyl-phenylether	16.70	248	192007	40.365	ng	94
68) Hexachlorobenzene	16.81	284	198736	40.406	ng	98
69) Atrazine	16.96	200	194245	43.646	ng	99
70) Pentachlorophenol	17.15	266	275017	95.554	ng	98
71) Phenanthrene	17.57	178	859279	41.784	ng	100
72) Anthracene	17.65	178	881833	42.660	ng	98
73) Carbazole	17.92	167	790196	41.958	ng	99
74) Di-n-butylphthalate	18.46	149	945375	41.589	ng	99
75) Fluoranthene	19.56	202	1125963	43.936	ng	99
77) Benzidine	19.74	184	371587	31.358	ng	98
78) Pyrene	19.93	202	1135274	41.853	ng	100
80) Butylbenzylphthalate	20.80	149	437245	41.359	ng	92
81) Benzo(a)anthracene	21.78	228	1079571	39.469	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	299947	30.767	ng	98
83) Chrysene	21.86	228	1057353	40.647	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	601089	39.388	ng	98
85) Di-n-octyl phthalate	22.92	149	1018764	39.639	ng	98
86) Indeno(1,2,3-cd)pyrene	29.02	276	1215455	38.646	ng	# 91
88) Benzo(b)fluoranthene	24.09	252	1110714	47.639	ng	98
89) Benzo(k)fluoranthene	24.16	252	1059750	48.670	ng	98
90) Benzo(a)pyrene	25.00	252	1071344	48.544	ng	100
91) Dibenzo(a,h)anthracene	29.09	278	1014630	45.430	ng	97
92) Benzo(g,h,i)perylene	30.25	276	996592	44.836	ng	97

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

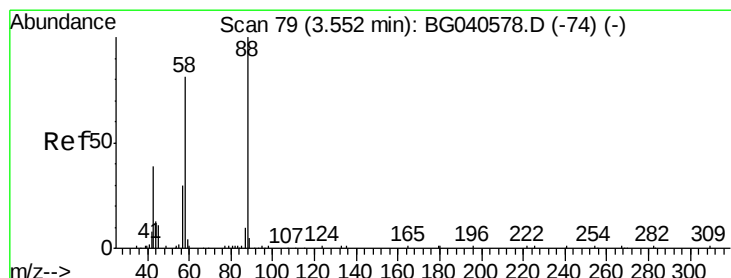
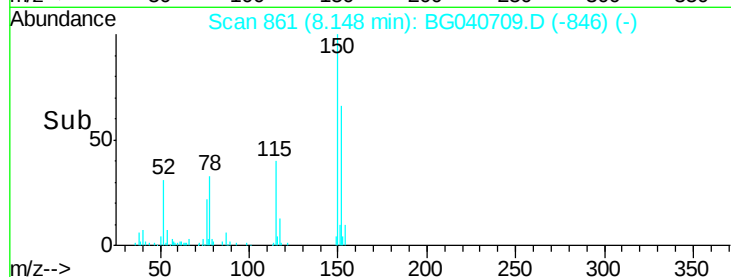
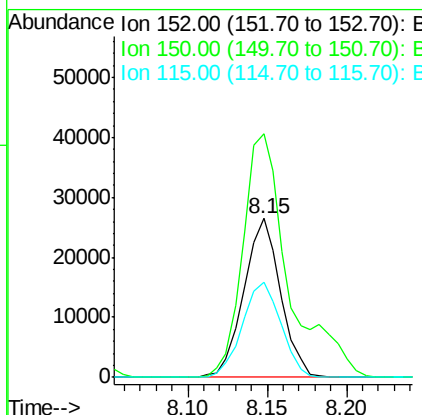
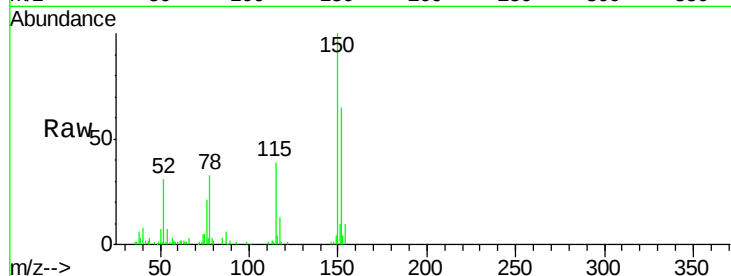


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

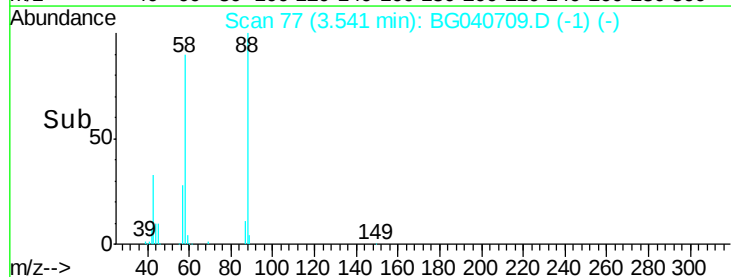
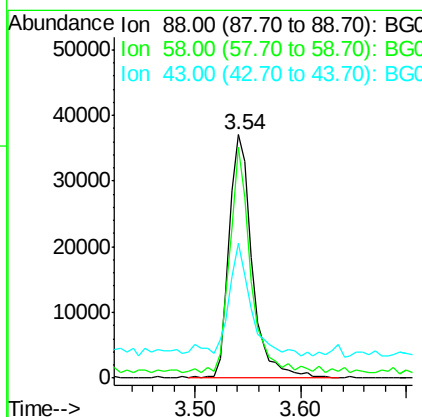
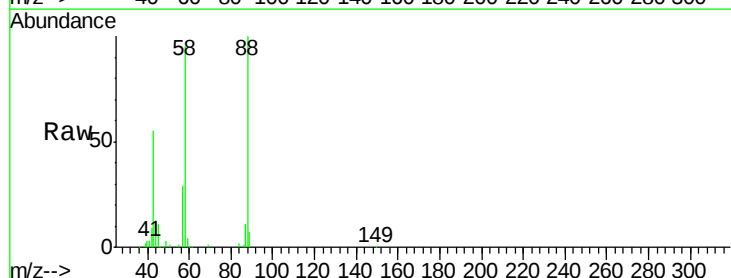
Tot Ion:152 Resp: 42498
Ion Ratio Lower Upper
152 100
150 153.4 120.2 180.2
115 59.9 46.2 69.2

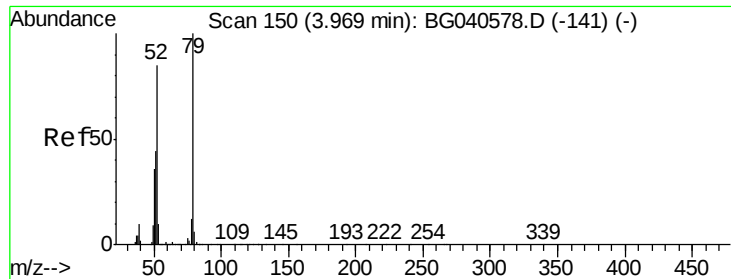


#2

1,4-Dioxane
Concen: 50.771 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion: 88 Resp: 55667
Ion Ratio Lower Upper
88 100
58 82.9 71.2 106.8
43 44.1 35.6 53.4





#3

Pvridine

Concen: 35.911 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

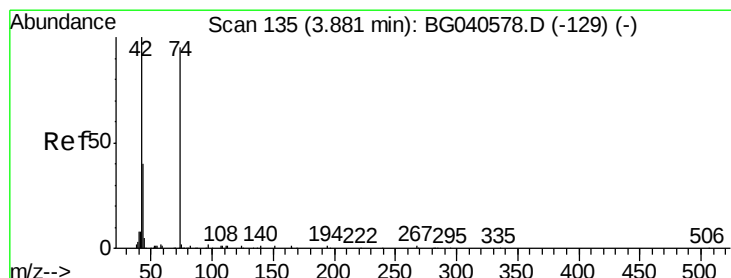
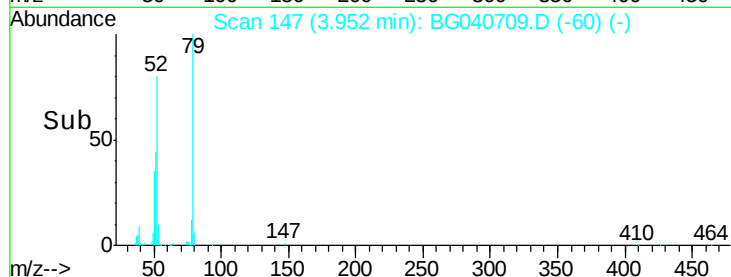
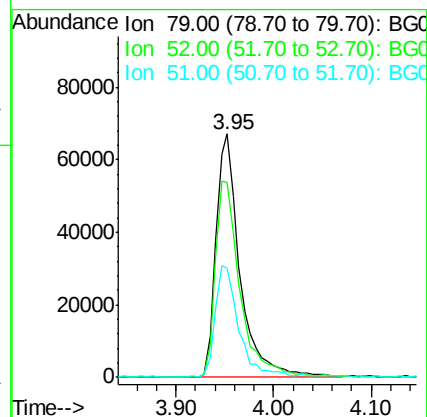
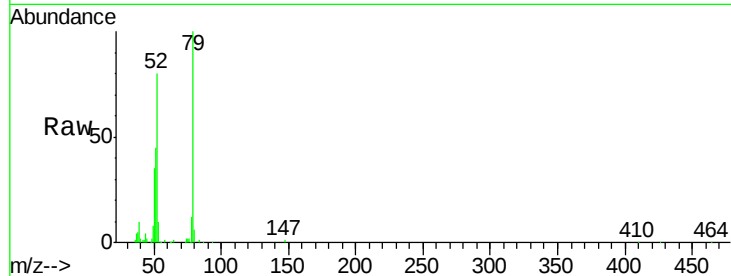
Tot Ion: 79 Resp: 114125

Ion Ratio Lower Upper

79 100

52 80.3 67.5 101.3

51 44.8 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 38.973 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

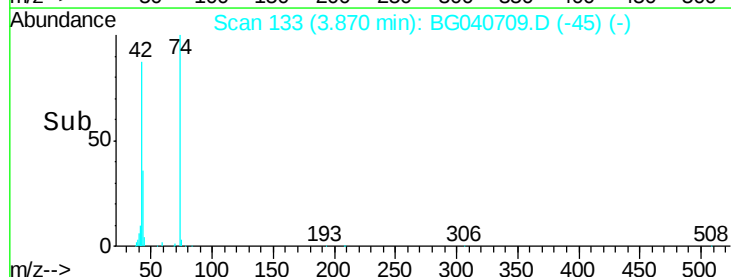
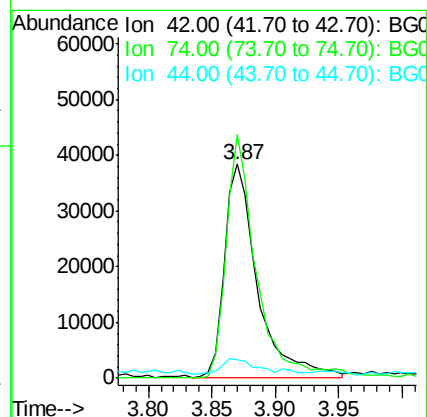
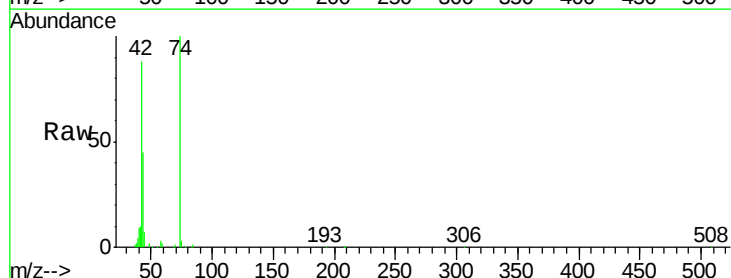
Tgt Ion: 42 Resp: 68700

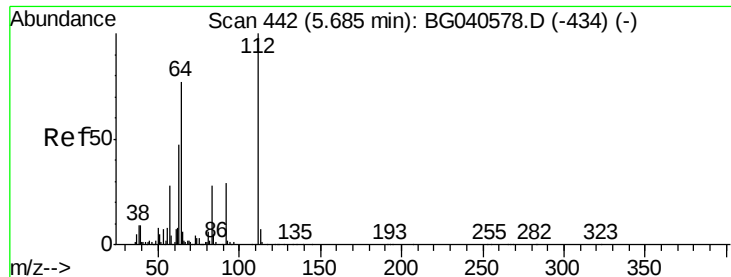
Ion Ratio Lower Upper

42 100

74 113.8 74.6 111.8#

44 8.3 7.4 11.0





#5

2-Fluorophenol

Concen: 150.126 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

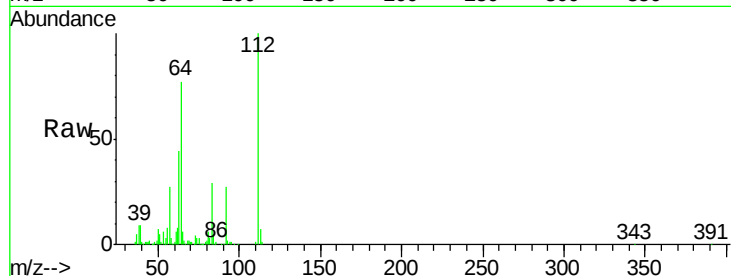
Tot Ion:112 Resp: 361935

Ion Ratio Lower Upper

112 100

64 76.5 61.4 92.0

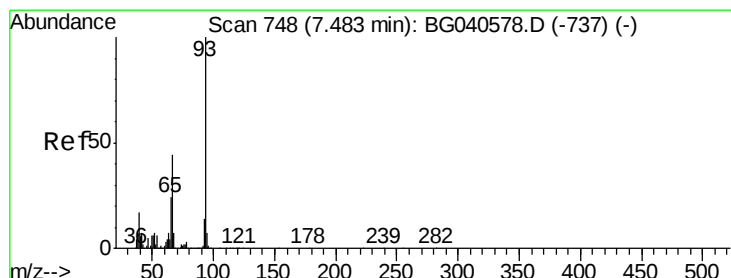
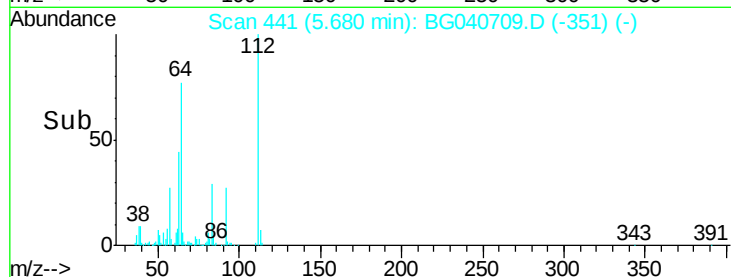
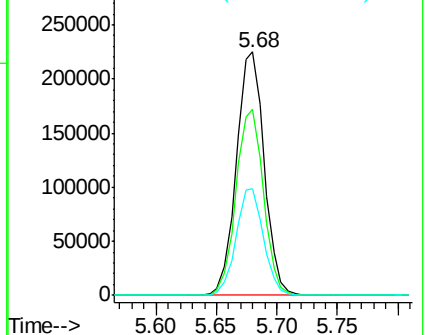
63 43.6 37.8 56.6



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: 30.503 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

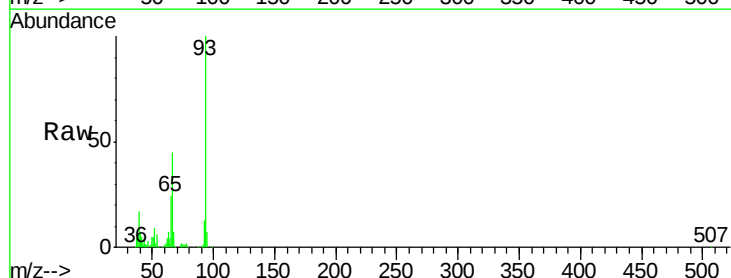
Tgt Ion: 93 Resp: 150079

Ion Ratio Lower Upper

93 100

66 45.1 35.5 53.3

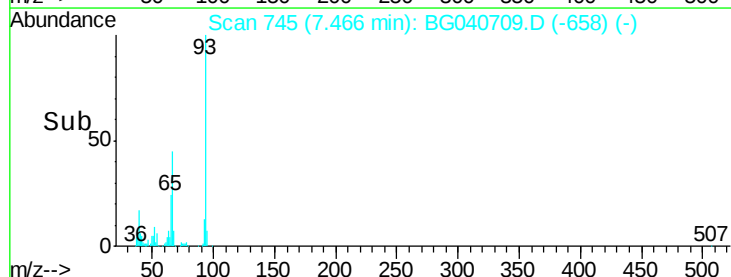
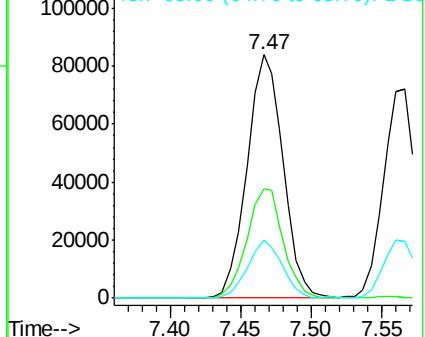
65 24.1 19.2 28.8

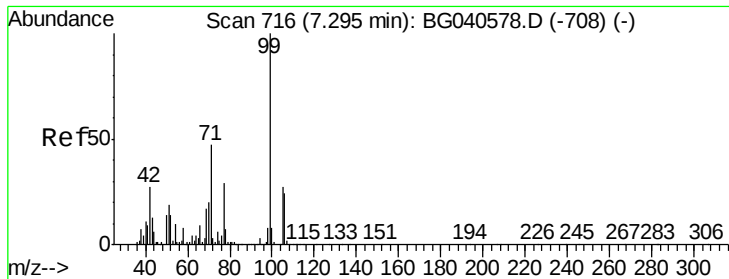


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.782 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

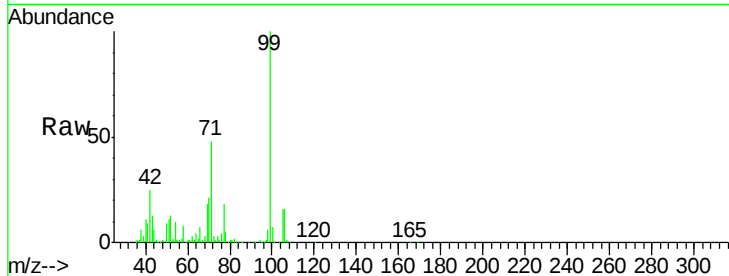
BNA_G

ClientSampleId :

PB119403BSD

Tot Ion: 99 Resp: 522591

Ion	Ratio	Lower	Upper
99	100		
42	25.3	21.8	32.8
71	48.2	38.6	57.8

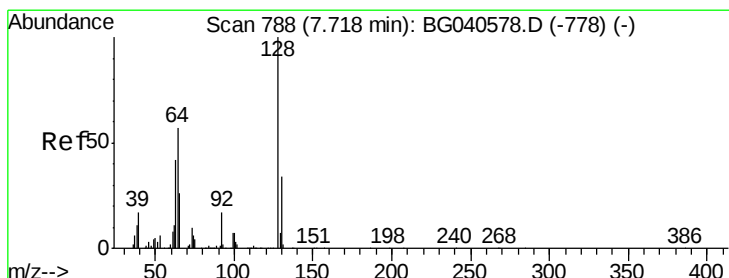
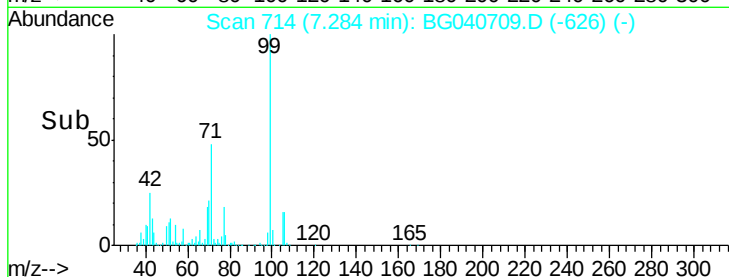
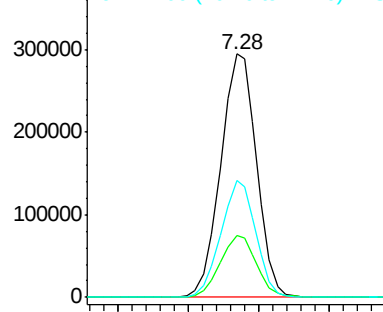


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.786 ng

RT: 7.71 min Scan# 786

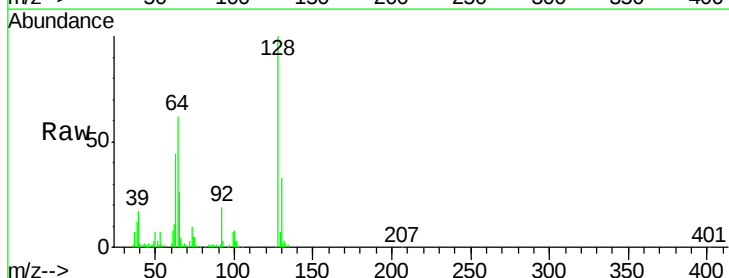
Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion: 128 Resp: 128895

Ion	Ratio	Lower	Upper
128	100		
130	33.2	14.5	54.5
64	62.3	38.4	78.4

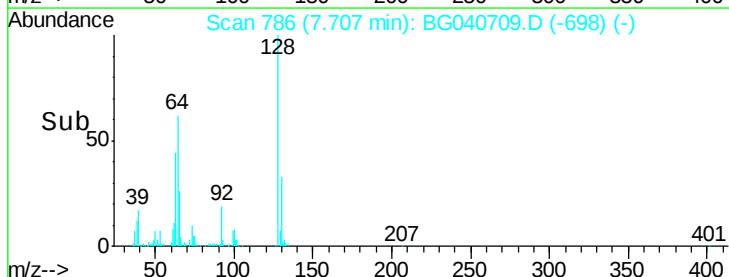
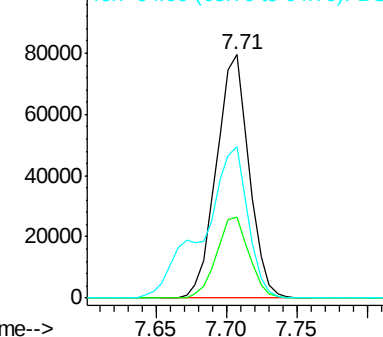


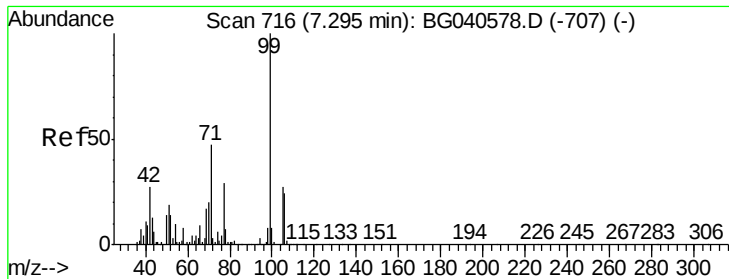
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 44.264 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

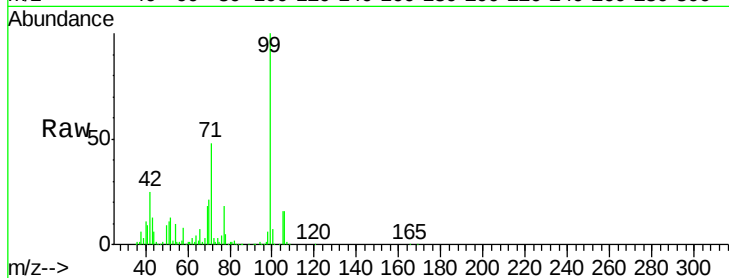
Tot Ion: 77 Resp: 95717

Ion Ratio Lower Upper

77 100

105 88.9 72.0 112.0

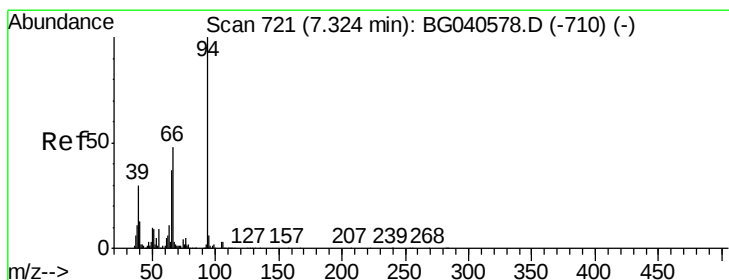
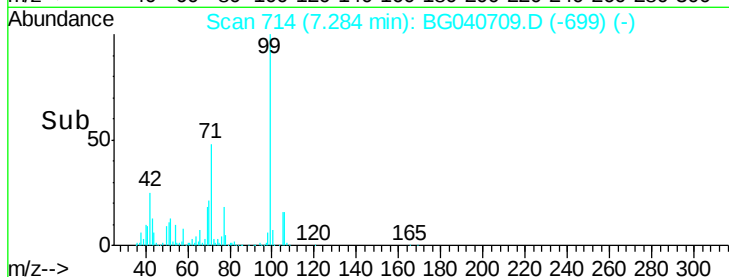
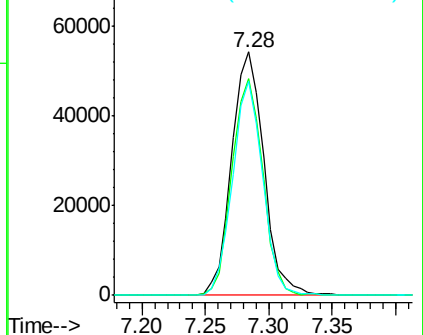
106 87.8 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.400 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

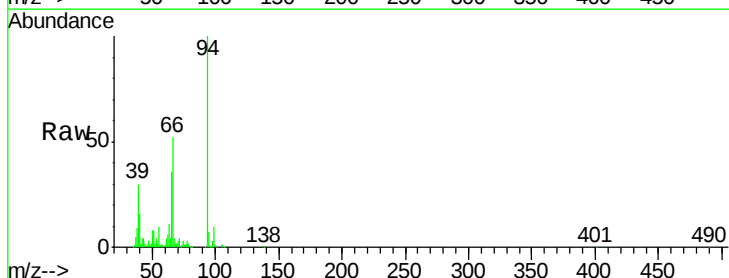
Tgt Ion: 94 Resp: 181159

Ion Ratio Lower Upper

94 100

65 36.3 17.0 57.0

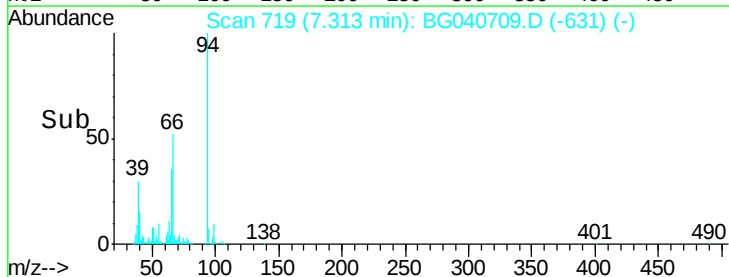
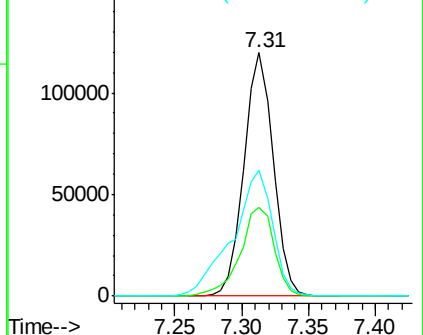
66 51.8 28.6 68.6

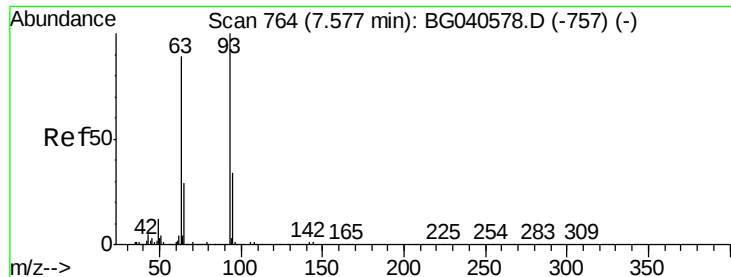


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

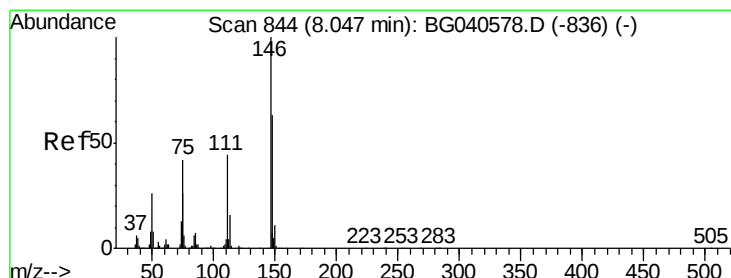
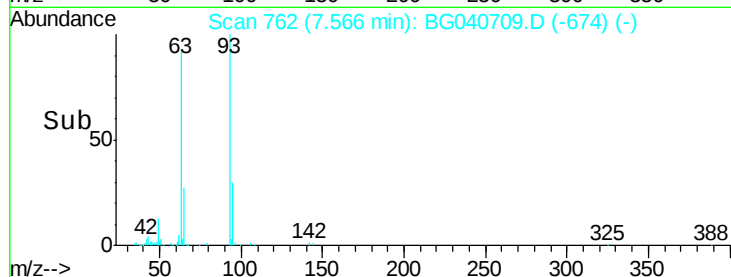
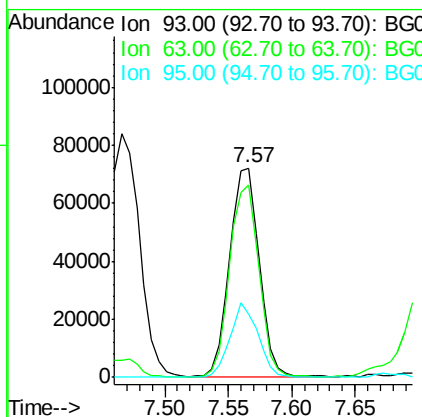
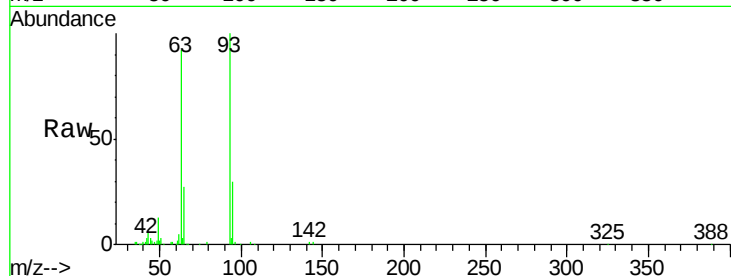




#11
bis(2-Chloroethyl)ether
Concen: 38.688 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

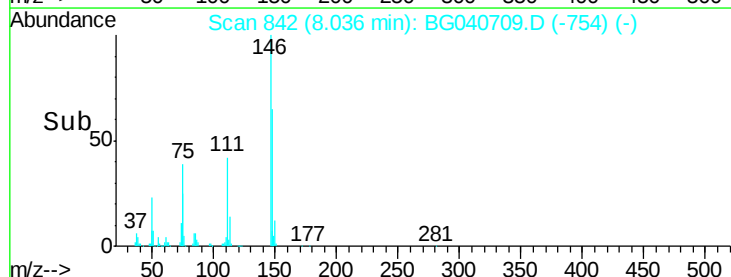
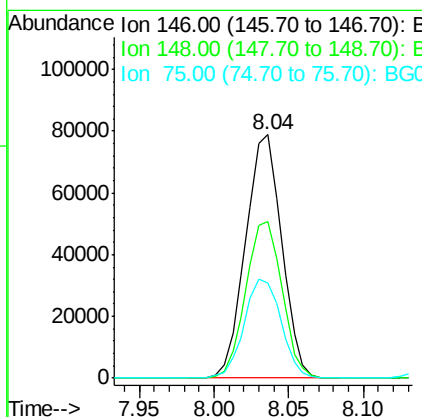
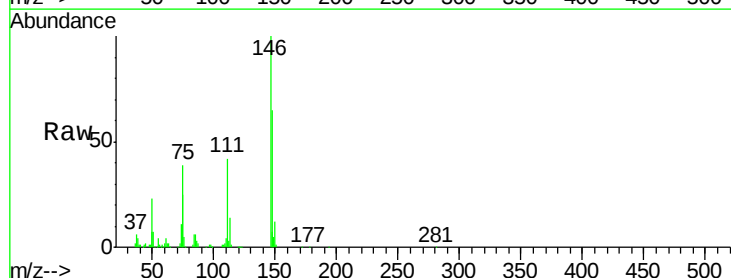
Instrument :
BNA_G
ClientSampleId :
PB119403BSD

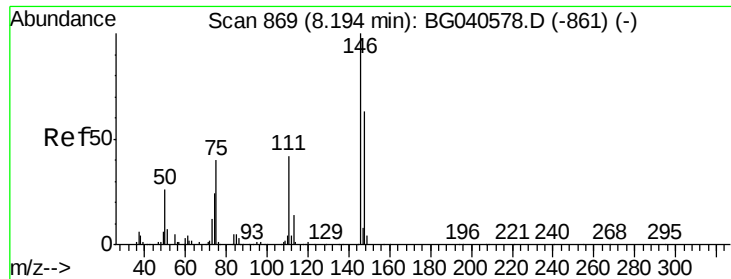
Tot Ion: 93 Resp: 115765
Ion Ratio Lower Upper
93 100
63 92.0 68.2 108.2
95 30.2 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 41.159 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion: 146 Resp: 132247
Ion Ratio Lower Upper
146 100
148 64.6 50.7 76.1
75 38.9 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 40.323 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

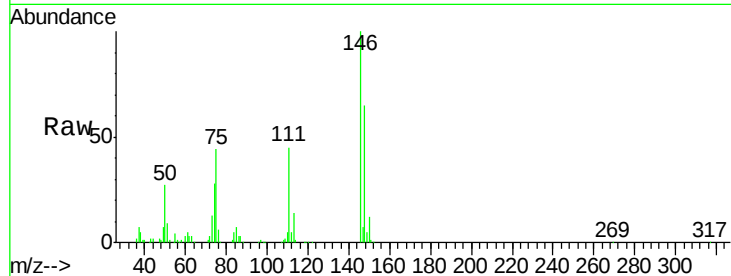
Tot Ion:146 Resp: 131339

Ion Ratio Lower Upper

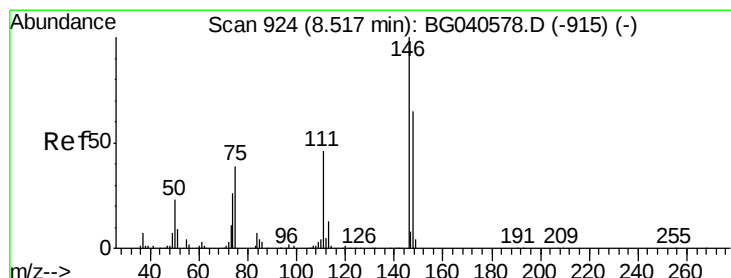
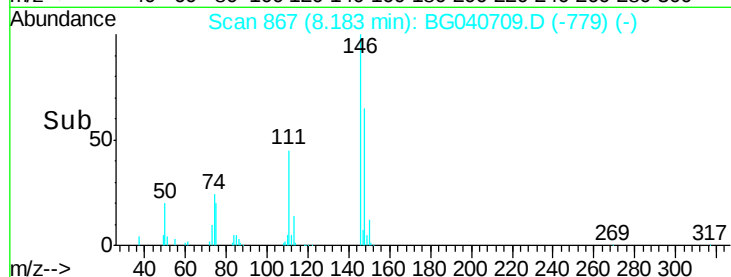
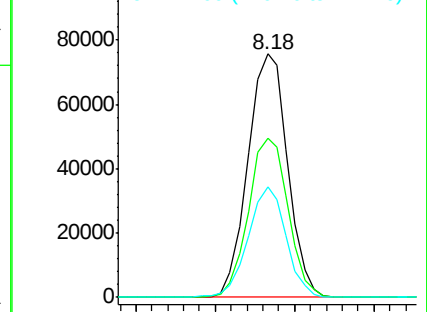
146 100

148 65.3 50.6 75.8

111 45.4 34.3 51.5



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: 39.747 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

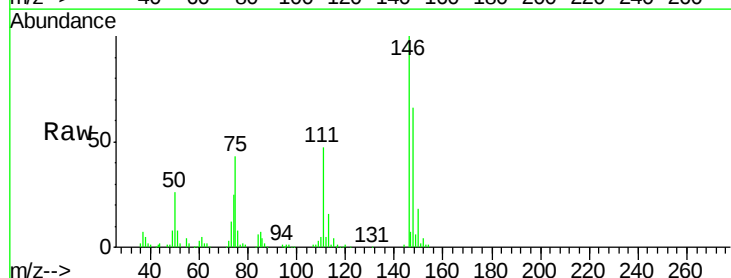
Tgt Ion:146 Resp: 124855

Ion Ratio Lower Upper

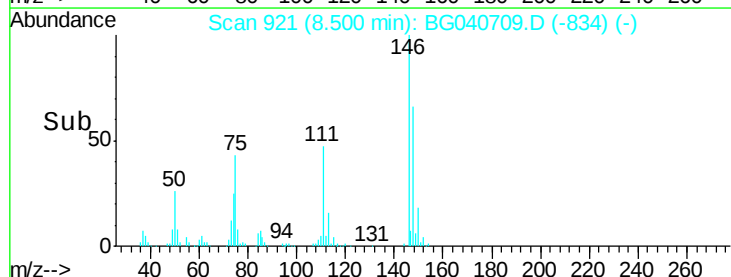
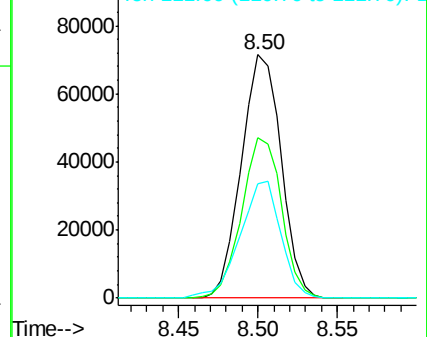
146 100

148 66.0 52.2 78.4

111 47.1 37.4 56.0



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: 39.950 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

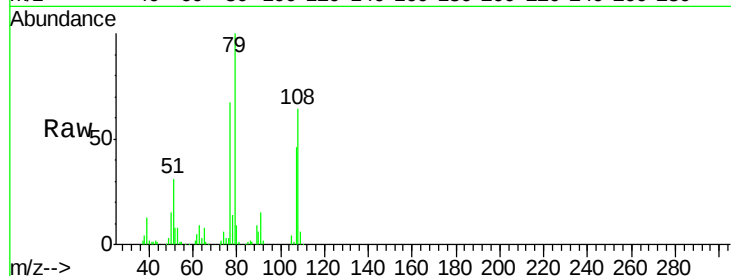
Tot Ion: 79 Resp: 154304

Ion Ratio Lower Upper

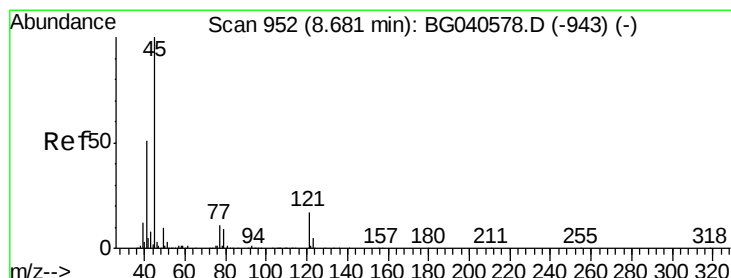
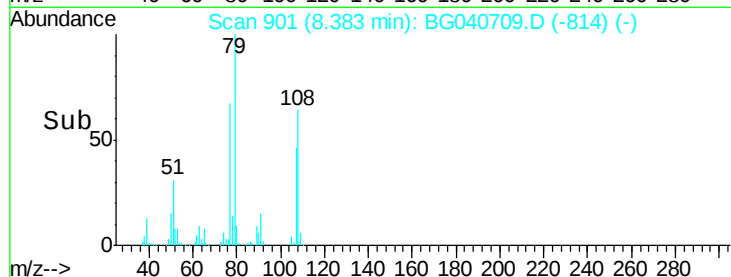
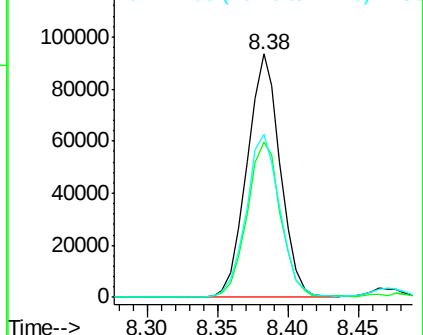
79 100

108 63.7 51.4 77.0

77 66.8 52.6 79.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.808 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

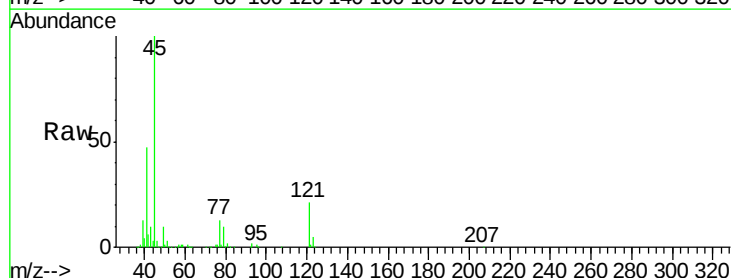
Tgt Ion: 45 Resp: 213319

Ion Ratio Lower Upper

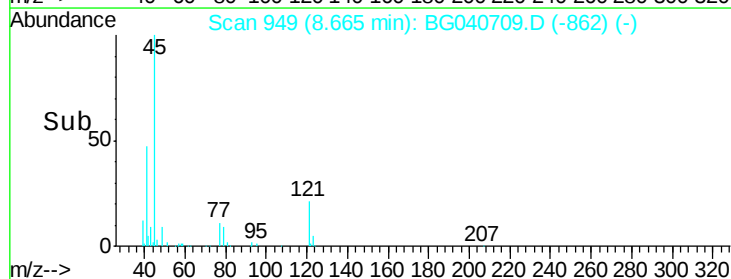
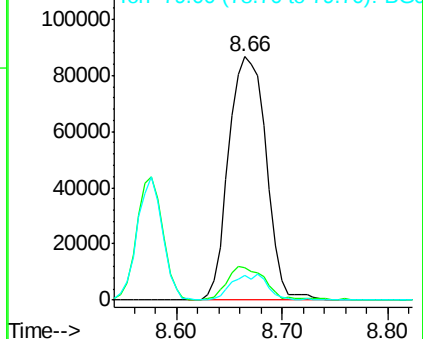
45 100

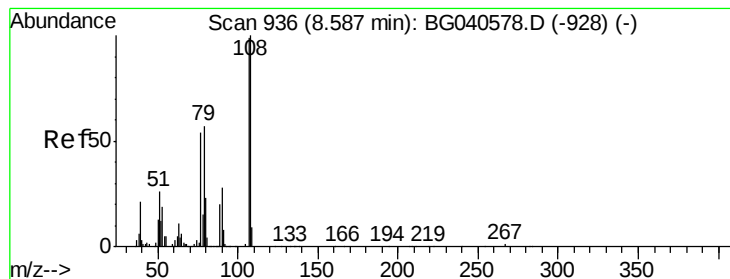
77 13.2 0.0 31.5

79 10.2 0.0 29.4



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





#17

2-Methylphenol

Concen: 44.572 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

Tot Ion:107 Resp: 125866

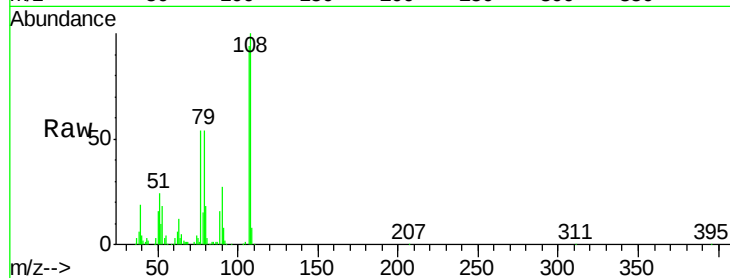
Ion Ratio Lower Upper

107 100

108 105.9 81.2 121.8

77 57.0 44.4 66.6

79 56.8 47.0 70.4

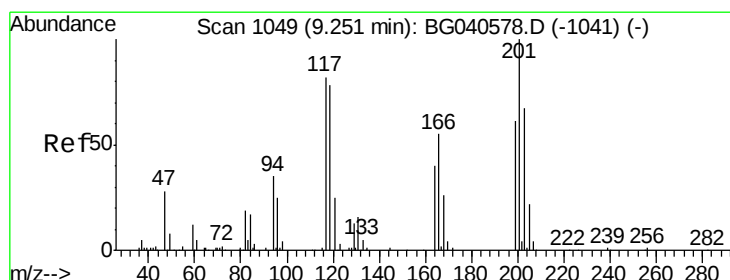
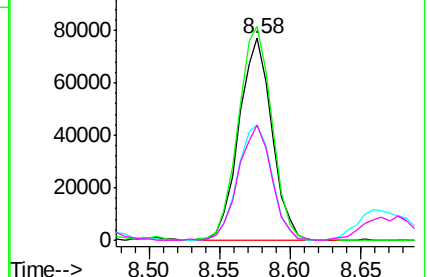
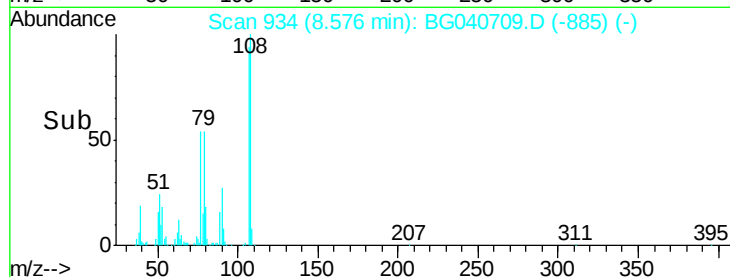


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.476 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

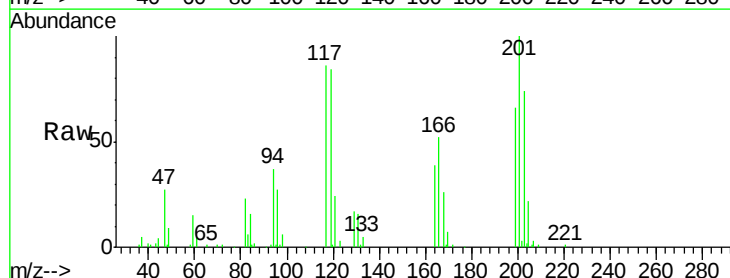
Tgt Ion:117 Resp: 50073

Ion Ratio Lower Upper

117 100

119 97.6 76.6 114.8

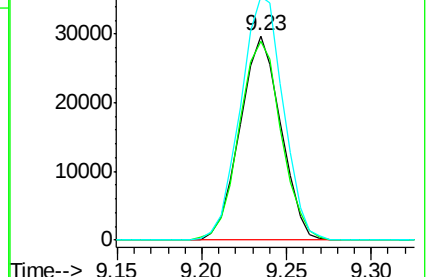
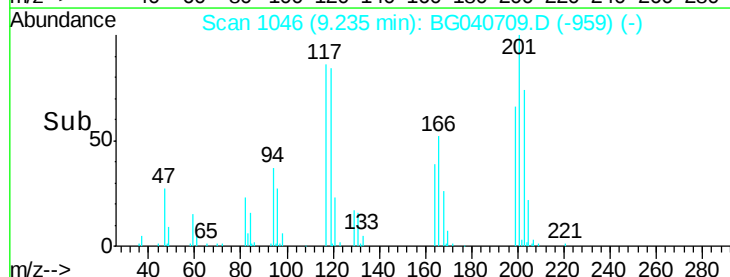
201 119.2 101.0 151.6

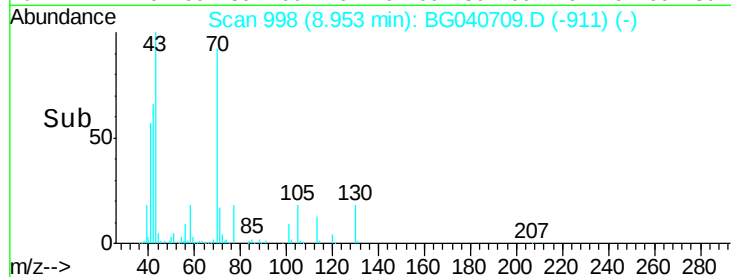
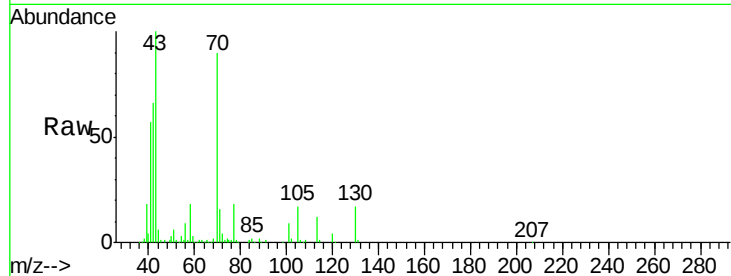
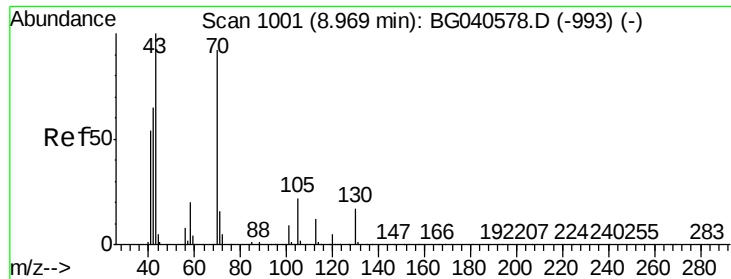


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

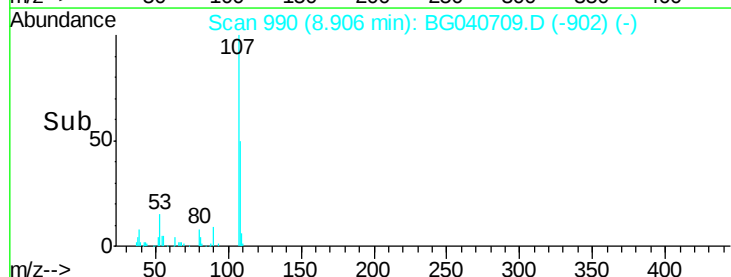
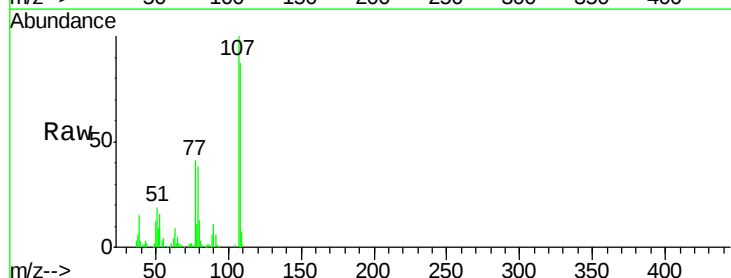
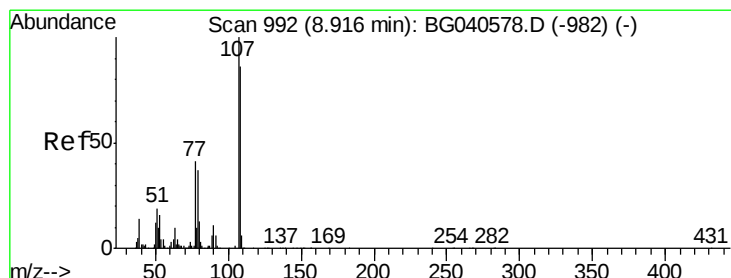
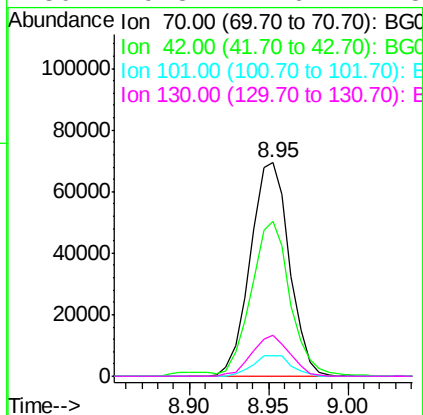




#19
n-Nitroso-di-n-propylamine
Concen: 35.499 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

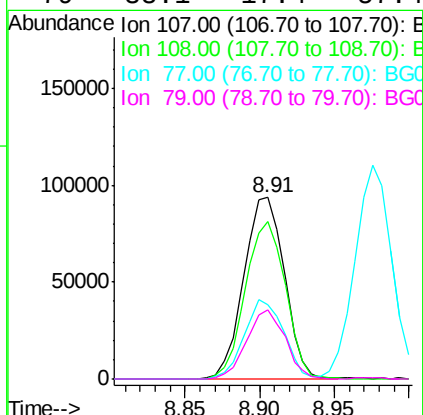
Instrument :
BNA_G
ClientSampleId :
PB119403BSD

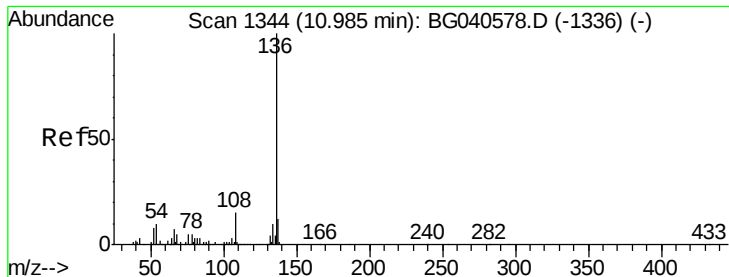
Tot Ion:	70	Resp:	118619
Ion	Ratio	Lower	Upper
70	100		
42	72.4	57.1	85.7
101	9.6	7.8	11.8
130	19.3	14.6	21.8



#20
3+4-Methylphenols
Concen: 44.805 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion:	107	Resp:	176258
Ion	Ratio	Lower	Upper
107	100		
108	87.0	66.1	106.1
77	40.8	21.6	61.6
79	38.1	17.4	57.4

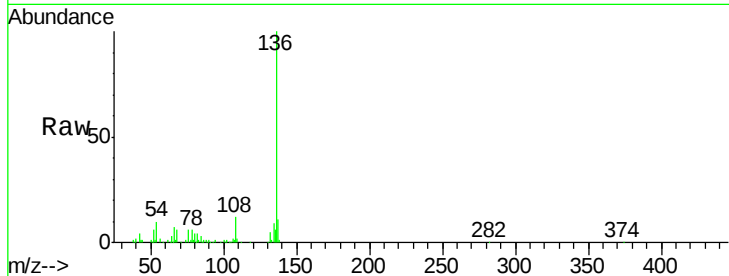




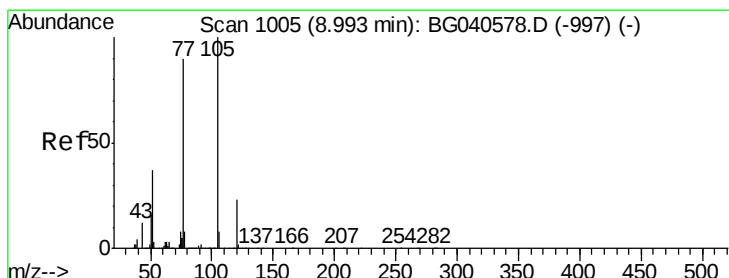
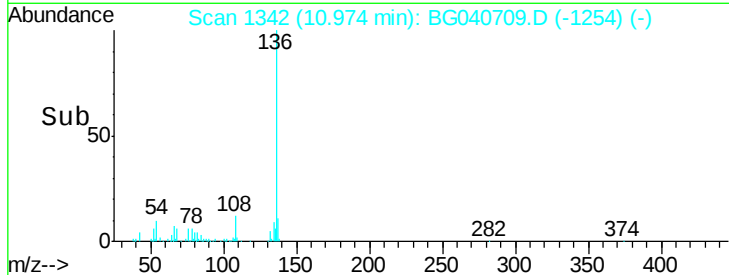
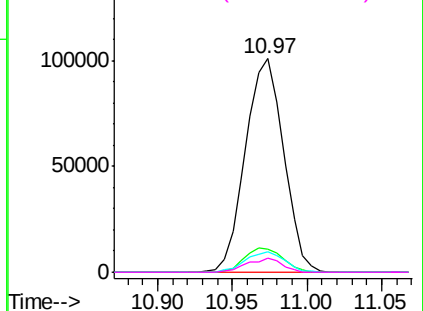
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion:136	Resp:	178418
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.7 14.5
54	9.5	8.6 12.8
68	6.4	4.8 7.2

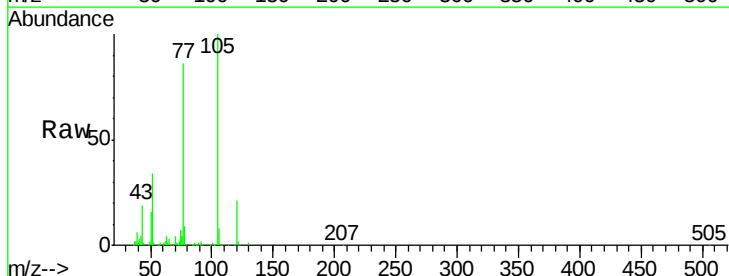


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

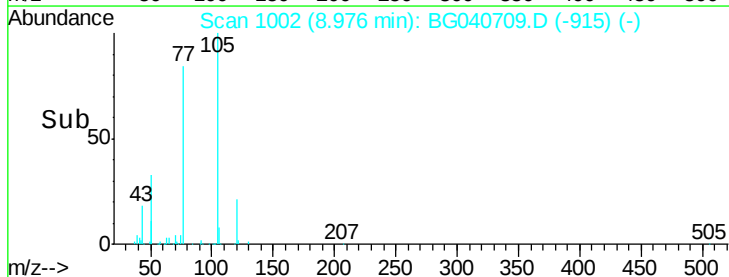
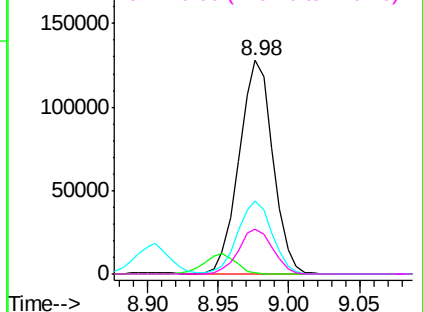


#22
Acetophenone
Concen: 43.135 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion:105	Resp:	214007
Ion	Ratio	Lower Upper
105	100	
71	0.8	1.8 2.8#
51	34.2	29.8 44.8
120	20.8	18.4 27.6



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

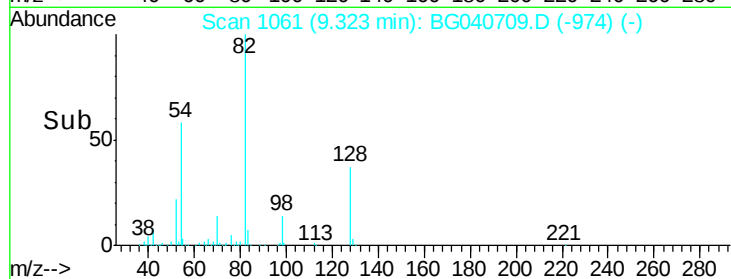
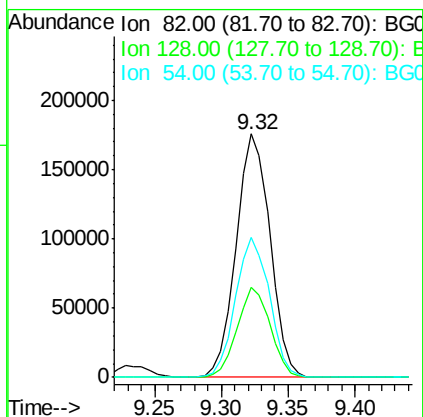
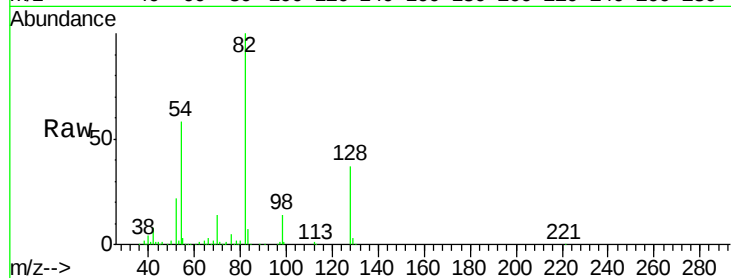




#23
Nitrobenzene-d5
Concen: 80.121 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

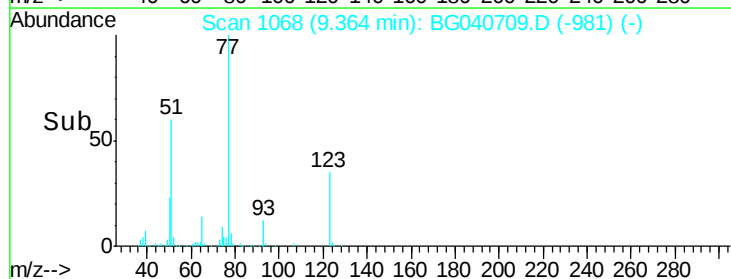
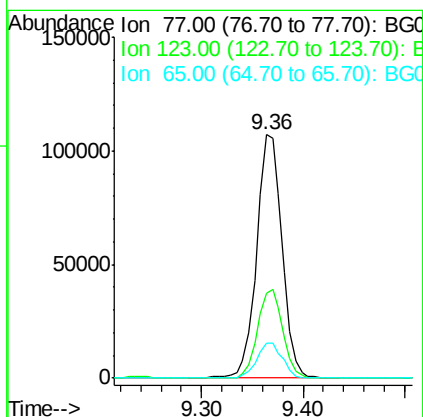
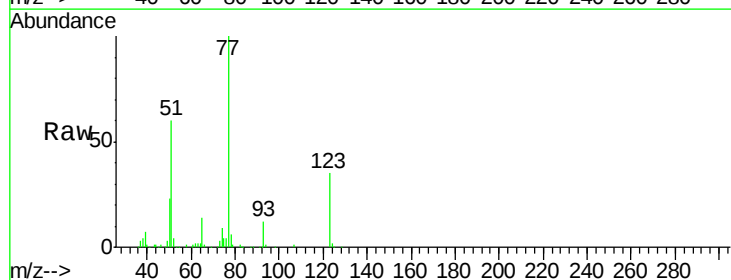
Instrument :
BNA_G
ClientSampleId :
PB119403BSD

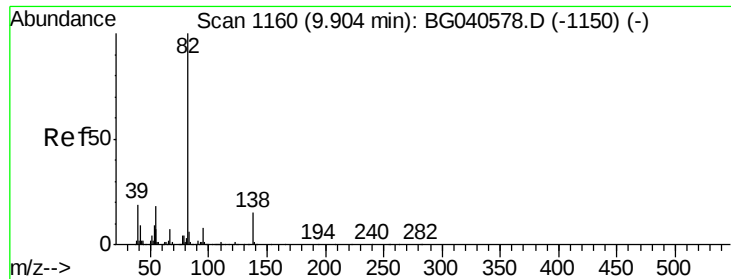
Tot Ion	82	Resp	309374
Ion Ratio	Lower	Upper	
82	100		
128	36.8	28.9	43.3
54	57.7	47.2	70.8



#24
Nitrobenzene
Concen: 45.349 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	77	Resp	186830
Ion Ratio	Lower	Upper	
77	100		
123	35.0	27.8	41.6
65	14.2	12.4	18.6





#25

Isophorone

Concen: 38.922 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

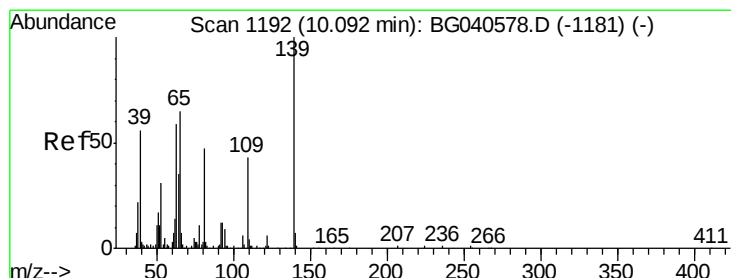
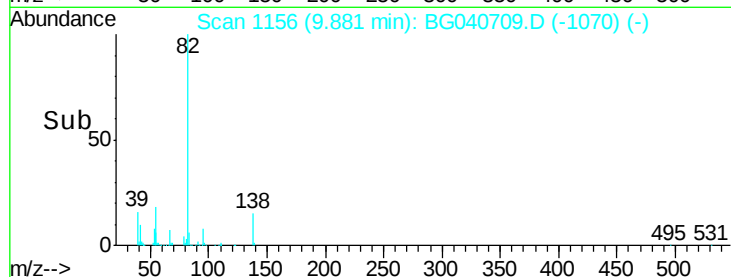
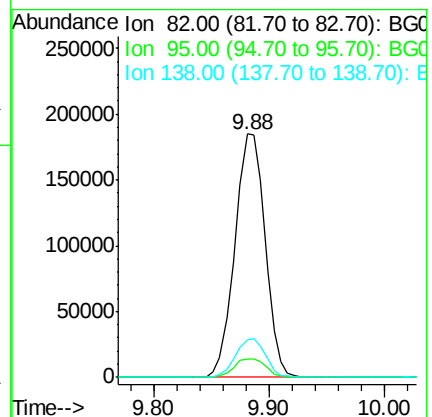
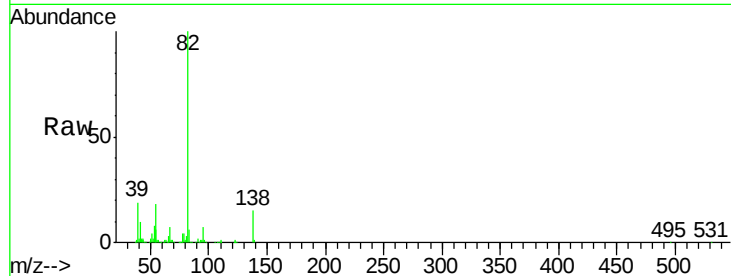
Tot Ion: 82 Resp: 334771

Ion Ratio Lower Upper

82 100

95 7.5 6.9 10.3

138 15.4 12.3 18.5



#26

2-Nitrophenol

Concen: 48.568 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

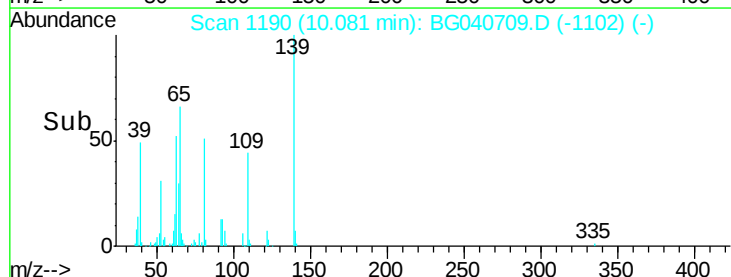
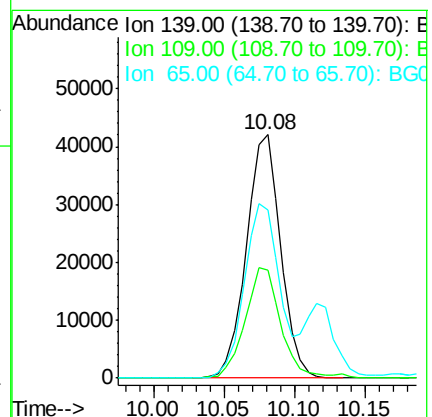
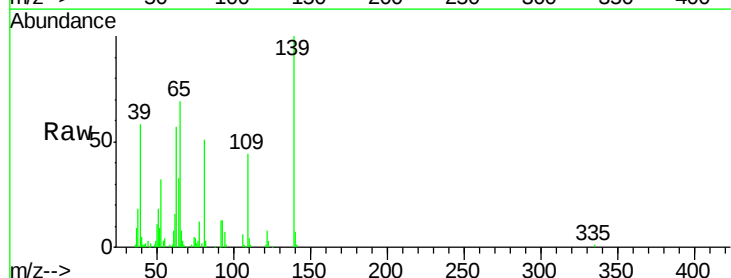
Tgt Ion: 139 Resp: 71725

Ion Ratio Lower Upper

139 100

109 44.2 35.6 53.4

65 69.3 52.3 78.5

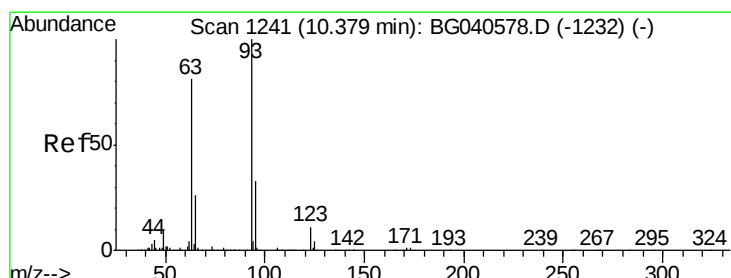
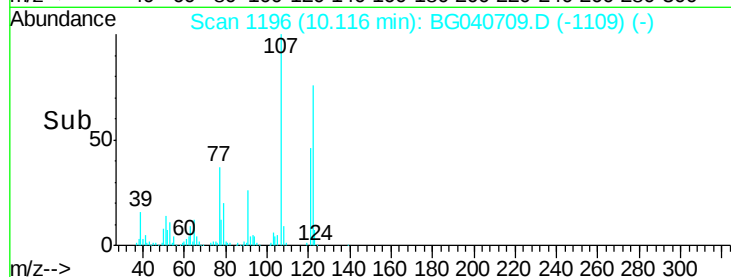
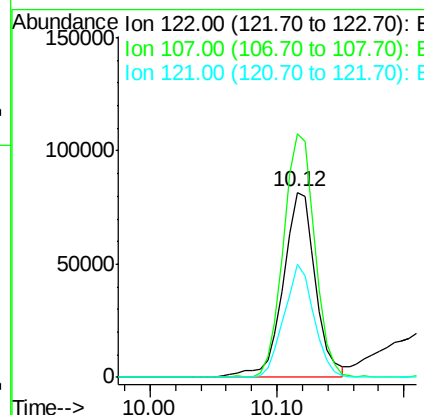
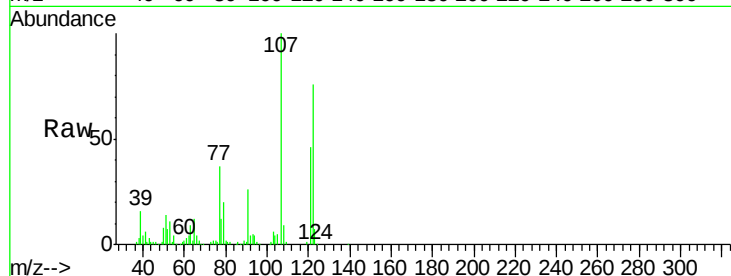




#27
2,4-Dimethylphenol
Concen: 52.461 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

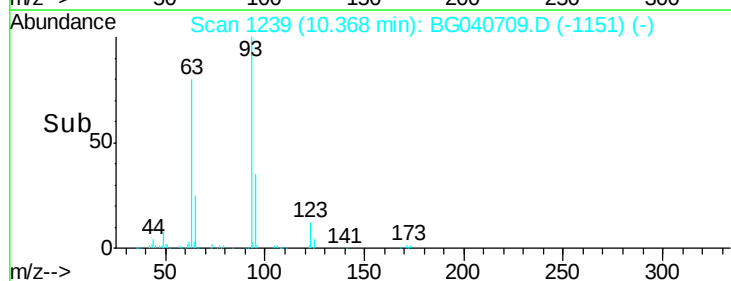
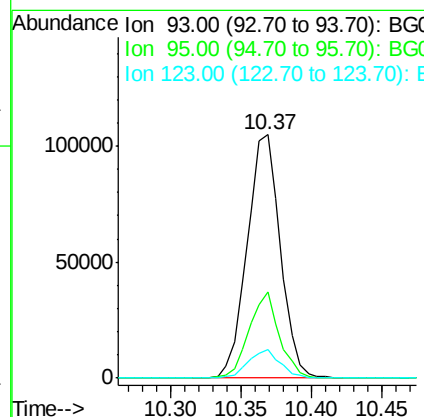
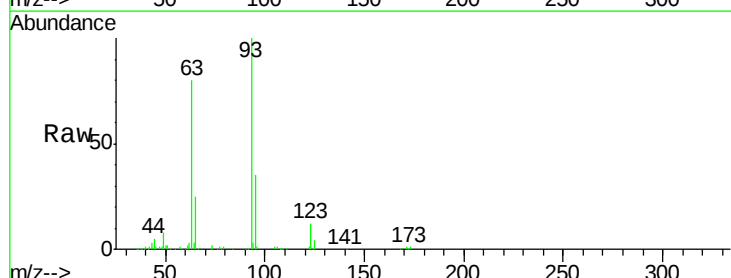
Instrument :
BNA_G
ClientSampleId :
PB119403BSD

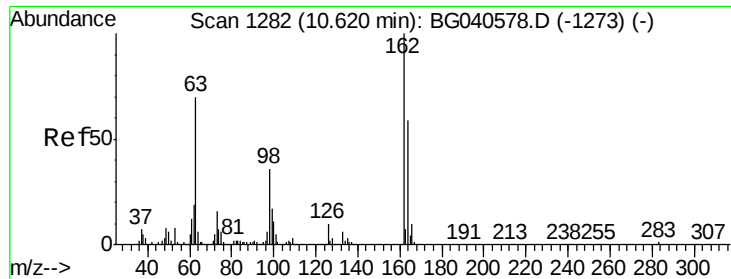
Tot Ion	122	Resp	145361
Ion Ratio	Lower	Upper	
122	100		
107	131.4	110.1	165.1
121	60.8	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.012 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	93	Resp	172666
Ion Ratio	Lower	Upper	
93	100		
95	35.4	26.6	40.0
123	11.5	9.0	13.4

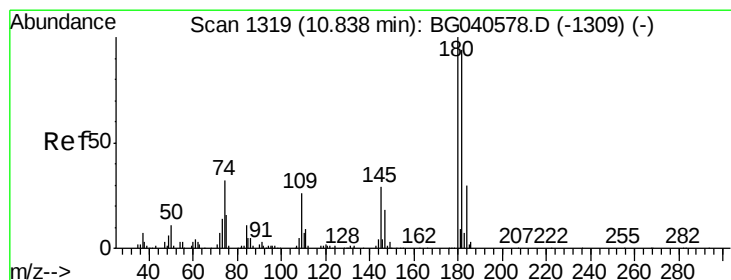
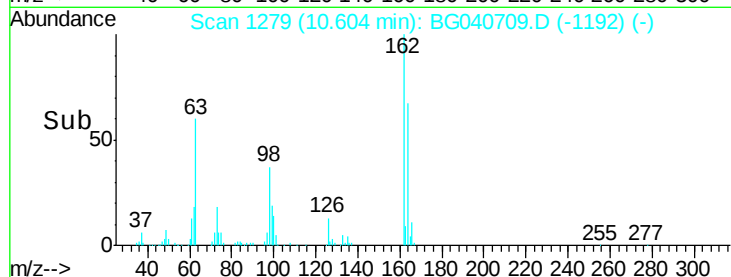
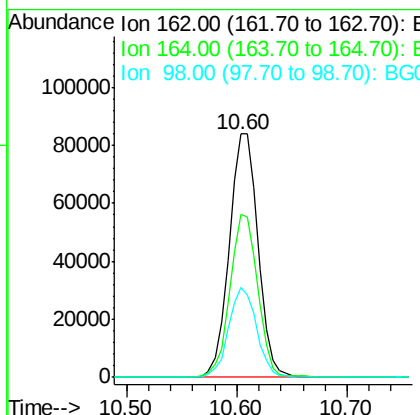
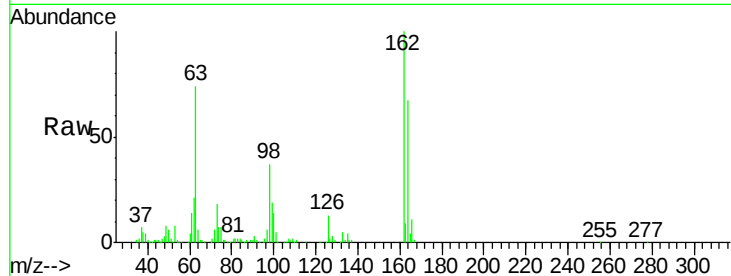




#29
 2,4-Dichlorophenol
 Concen: 48.727 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

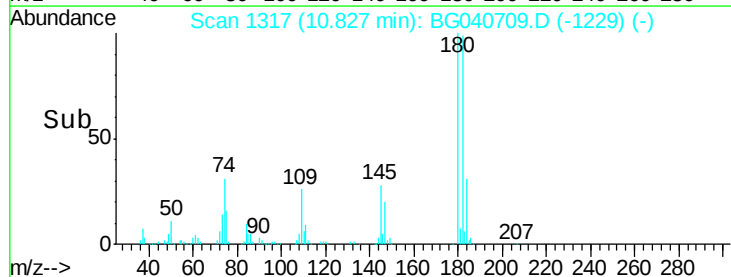
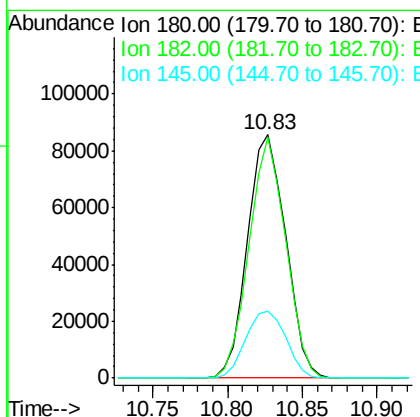
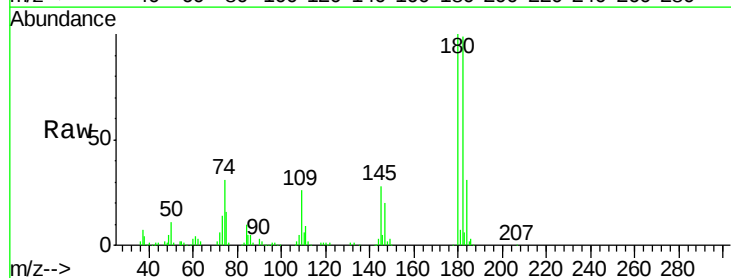
Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

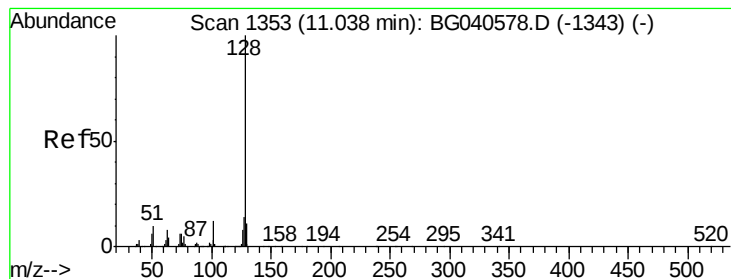
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	38.9	78.9
98	37.0	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 43.437 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	75.2	112.8
145	27.6	23.6	35.4





#31

Naphthalene

Concen: 42.510 ng

RT: 11.02 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

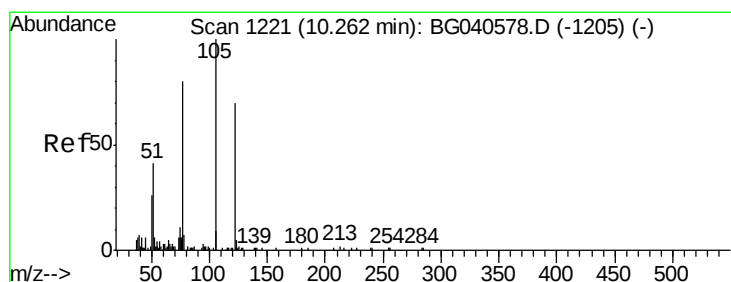
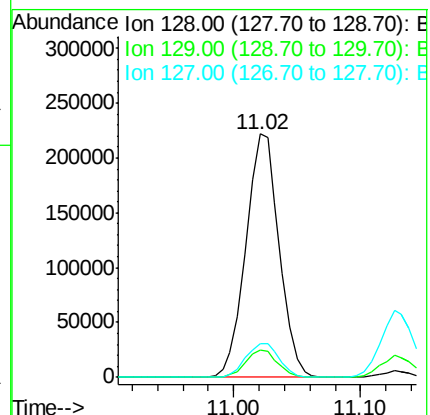
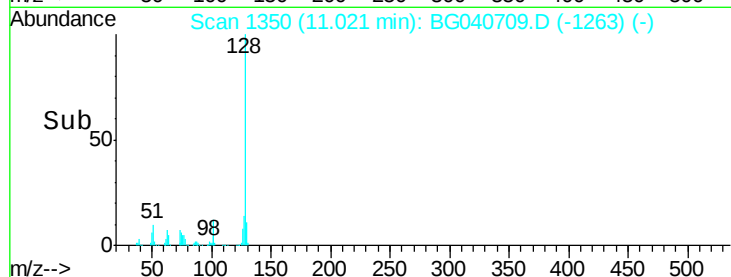
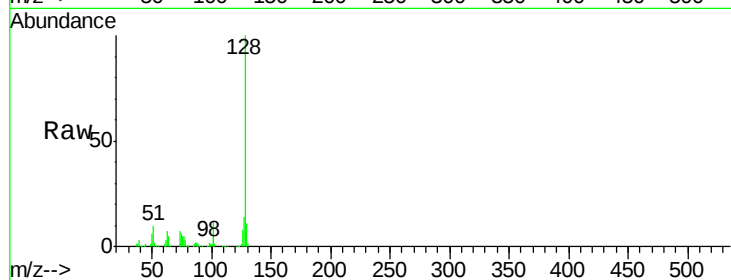
Tot Ion:128 Resp: 402943

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 14.0 11.3 16.9



#32

Benzoic acid

Concen: 55.140 ng

RT: 10.24 min Scan# 1217

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

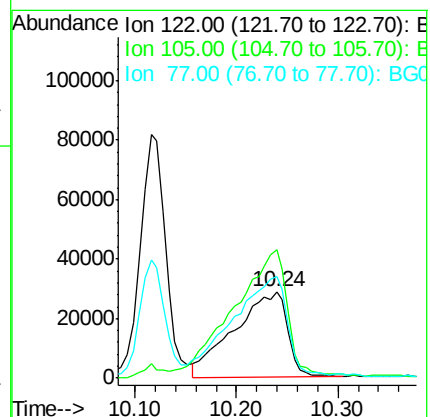
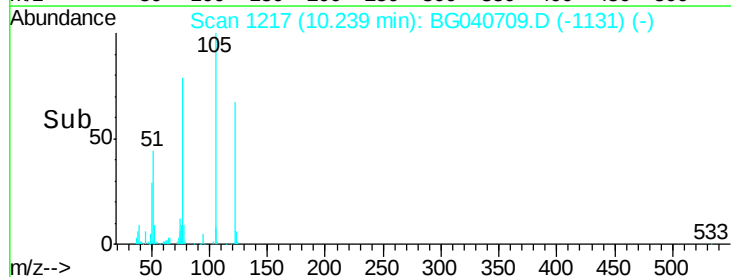
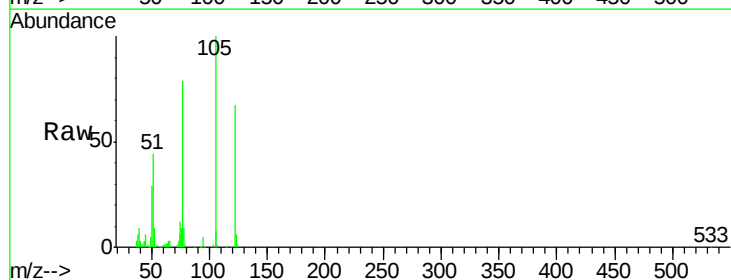
Tgt Ion:122 Resp: 104593

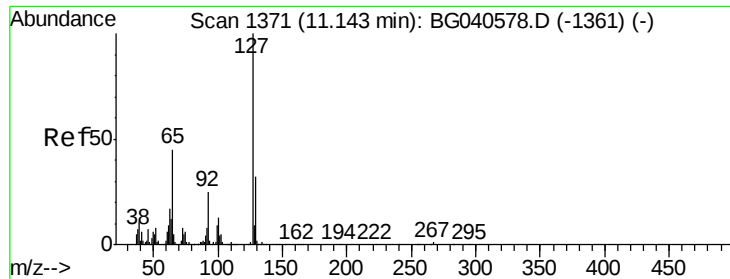
Ion Ratio Lower Upper

122 100

105 148.3 110.9 150.9

77 117.4 87.6 127.6

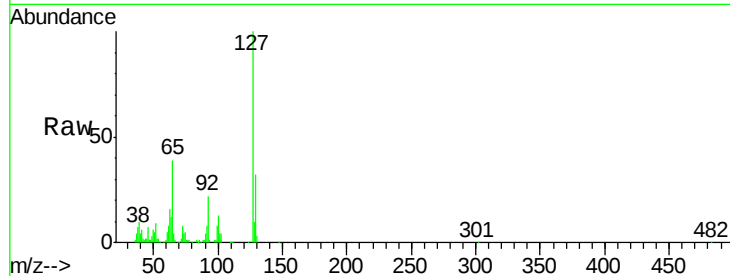




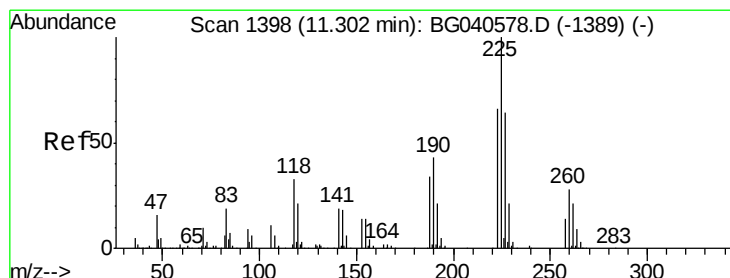
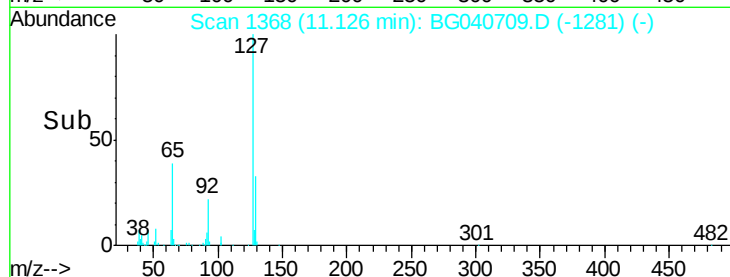
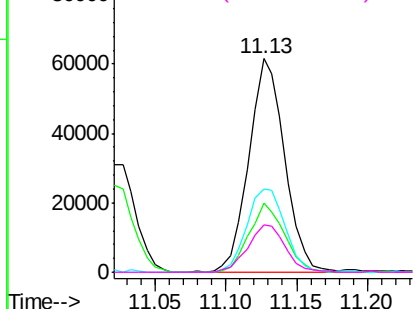
#33
4-Chloroaniline
Concen: 26.076 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	32.4	25.7	38.5	
65	39.0	36.1	54.1	
92	22.1	20.1	30.1	

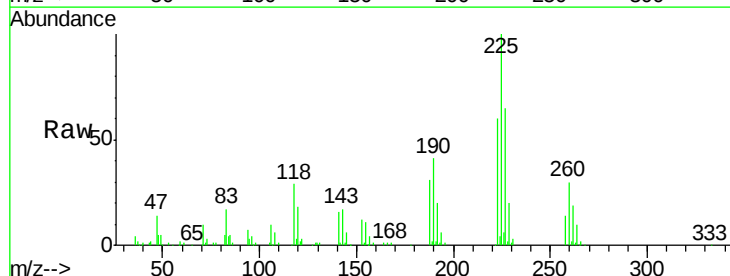


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

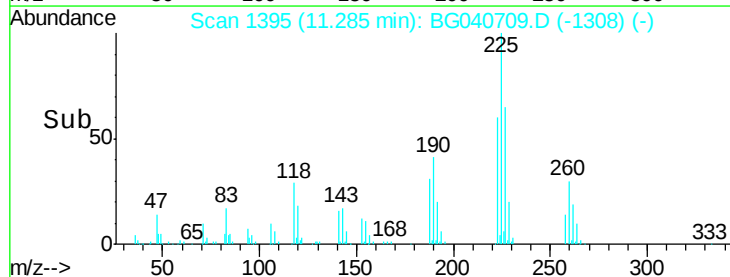
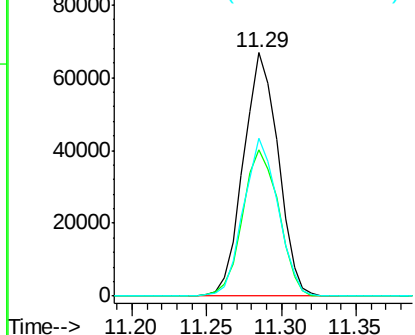


#34
Hexachlorobutadiene
Concen: 41.869 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	60.1	50.4	75.6	
227	67.0	51.0	76.6	



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





#35

Caprolactam

Concen: 34.403 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

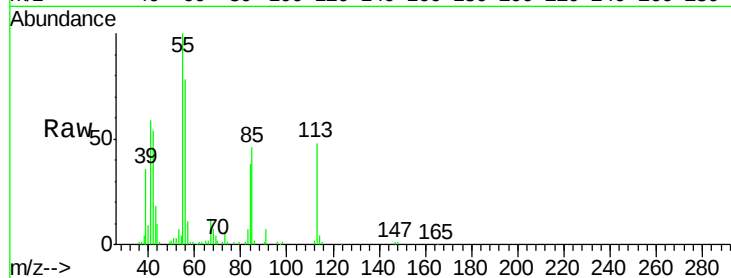
Tot Ion:113 Resp: 42787

Ion Ratio Lower Upper

113 100

55 206.3 198.6 238.6

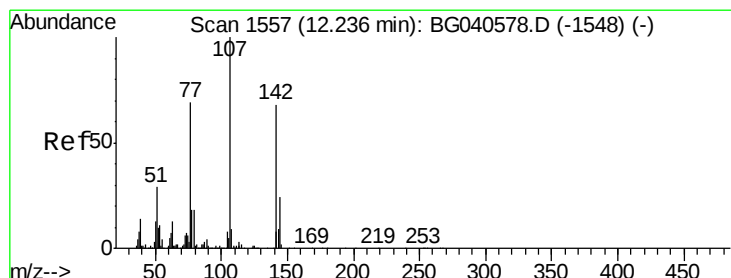
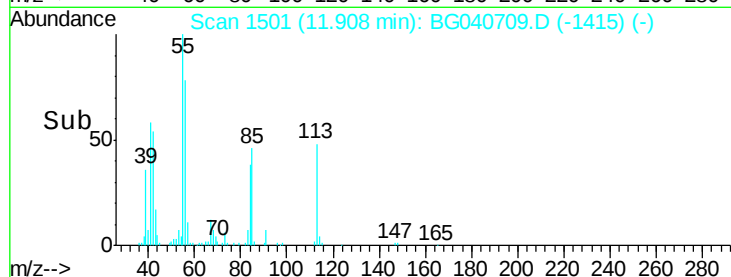
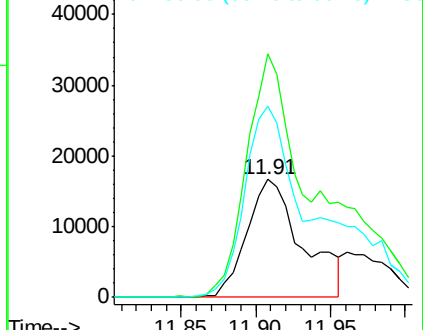
56 161.6 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.625 ng

RT: 12.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

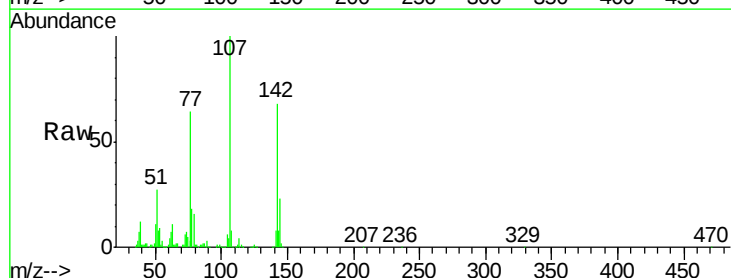
Tgt Ion:107 Resp: 189257

Ion Ratio Lower Upper

107 100

144 22.5 19.3 28.9

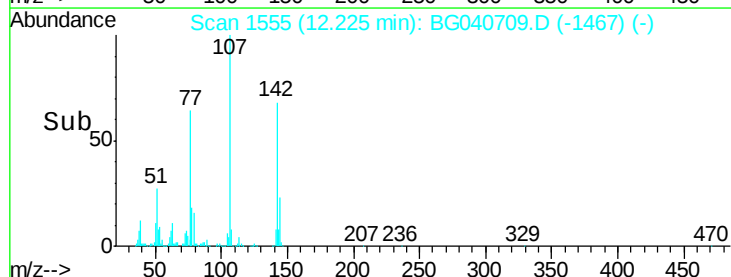
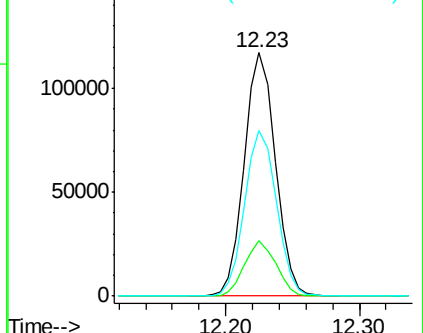
142 67.8 54.6 81.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

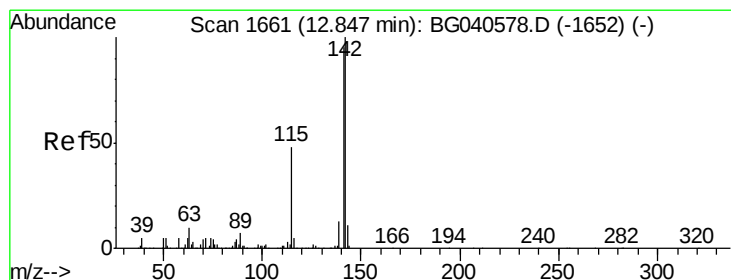
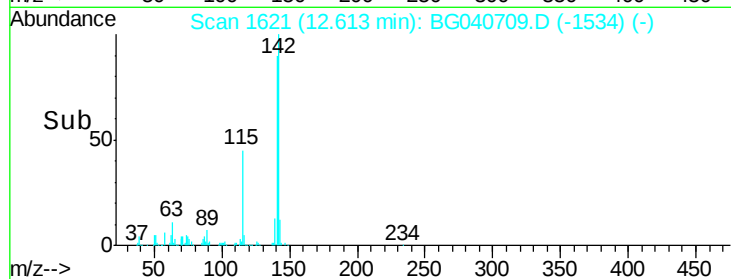
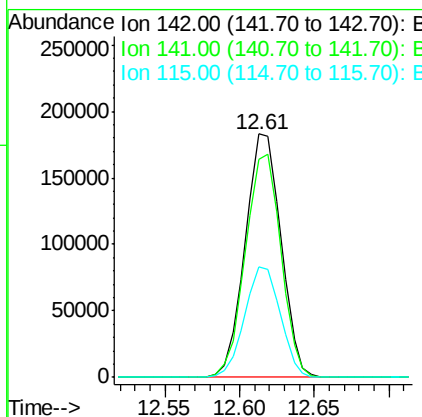
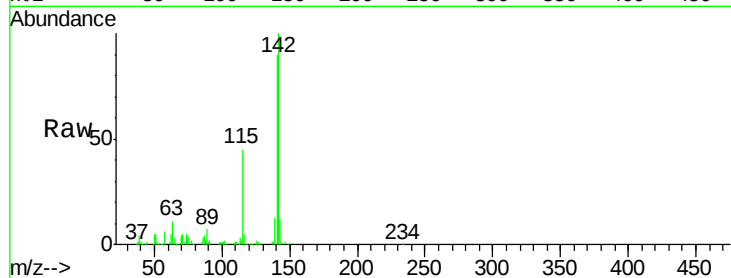




#37
2-Methylnaphthalene
Concen: 42.848 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

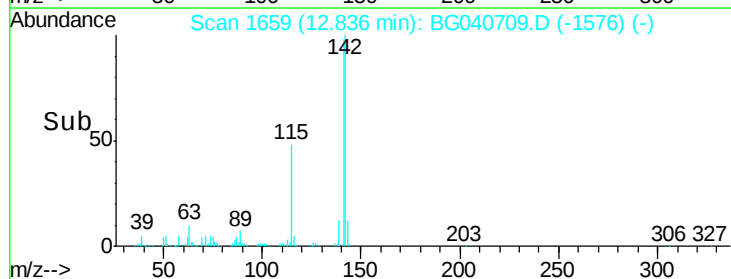
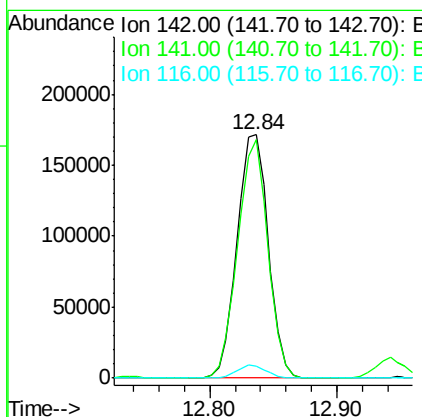
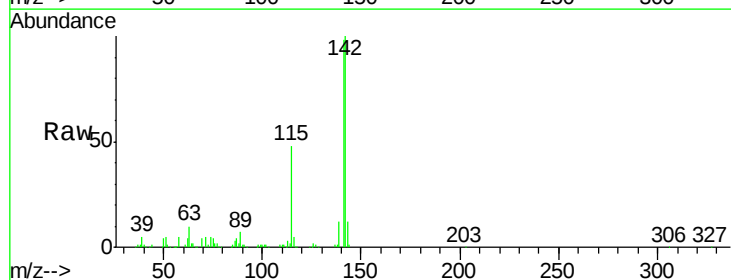
Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.4	110.2
115	45.4	36.2	54.4



#38
1-Methylnaphthalene
Concen: 42.245 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.7	75.9	113.9
116	5.1	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

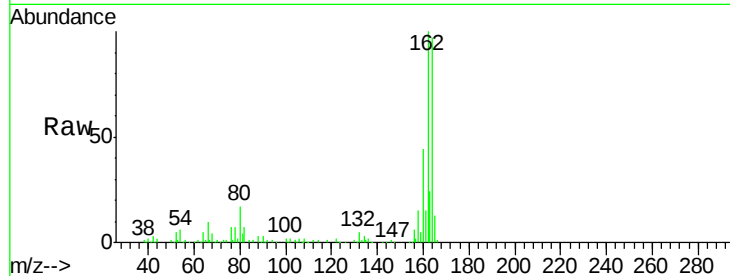
Tot Ion:164 Resp: 134641

Ion Ratio Lower Upper

164 100

162 103.6 81.9 122.9

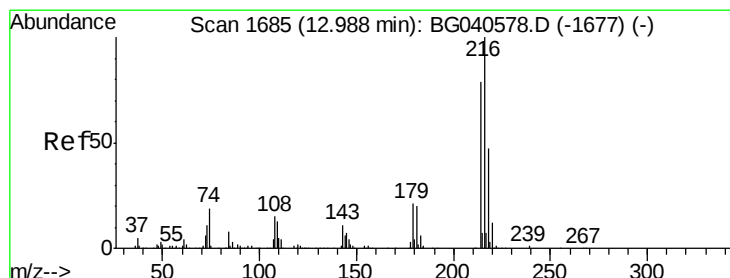
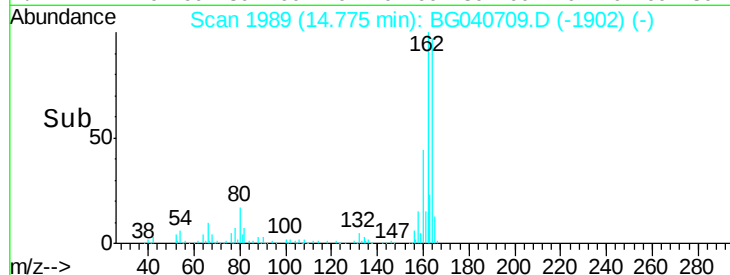
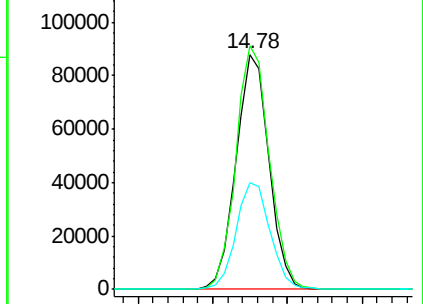
160 45.5 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.954 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion:216 Resp: 210430

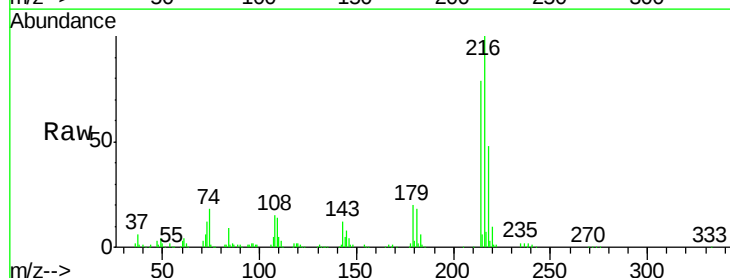
Ion Ratio Lower Upper

216 100

214 78.2 63.7 95.5

179 19.0 16.6 24.8

108 17.9 14.7 22.1

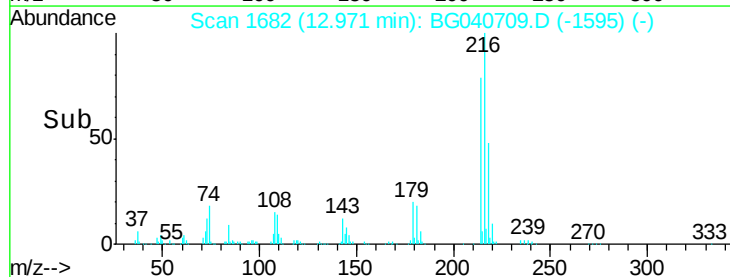
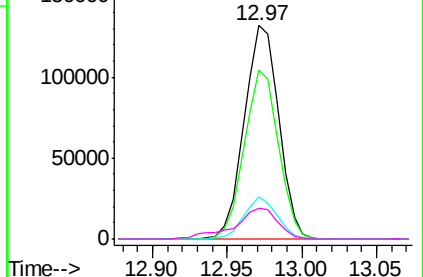


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.205 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

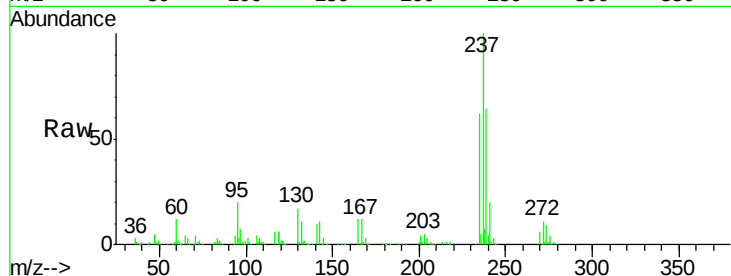
Tot Ion:237 Resp: 219622

Ion Ratio Lower Upper

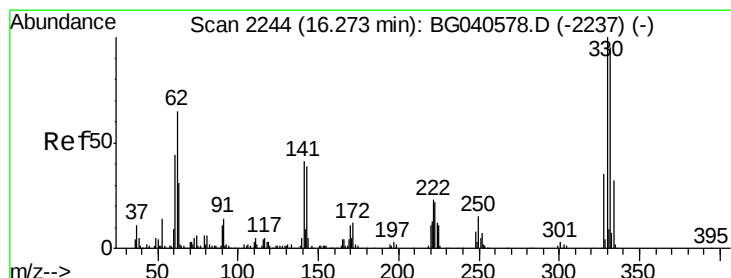
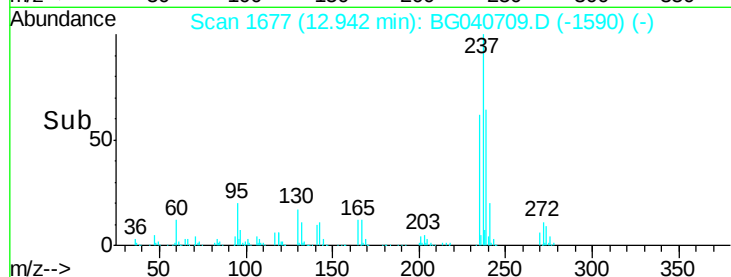
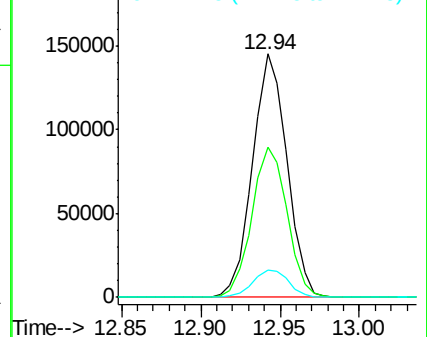
237 100

235 61.9 42.5 82.5

272 11.1 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 158.331 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

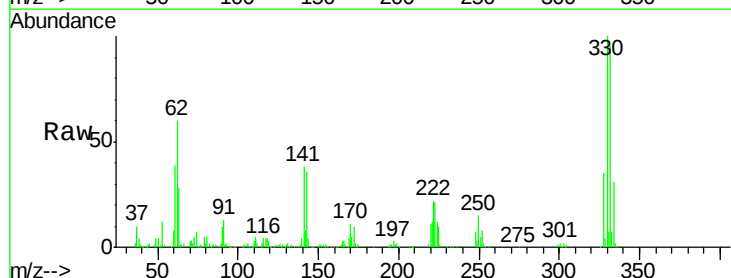
Tgt Ion:330 Resp: 293019

Ion Ratio Lower Upper

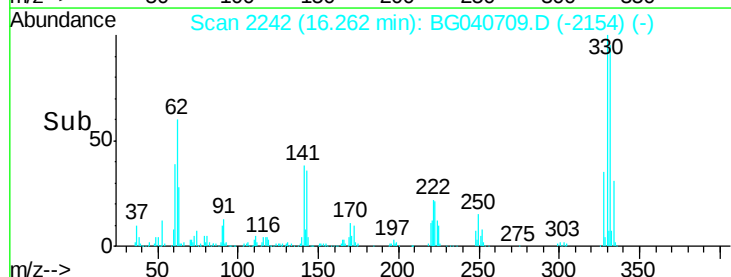
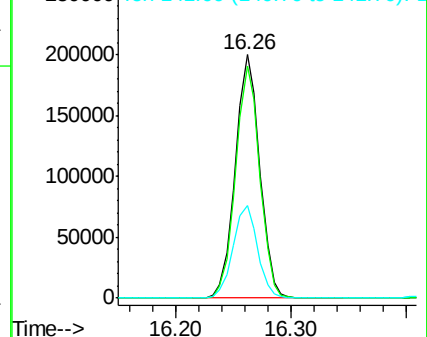
330 100

332 94.5 75.9 113.9

141 38.3 32.4 48.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

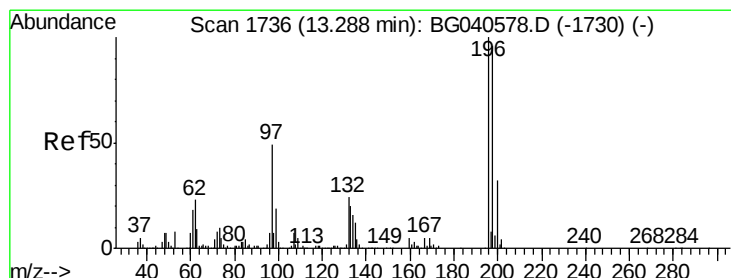
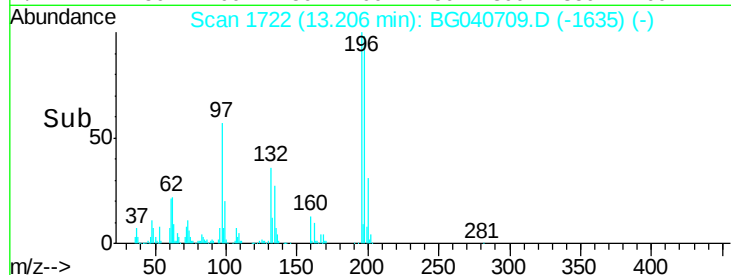
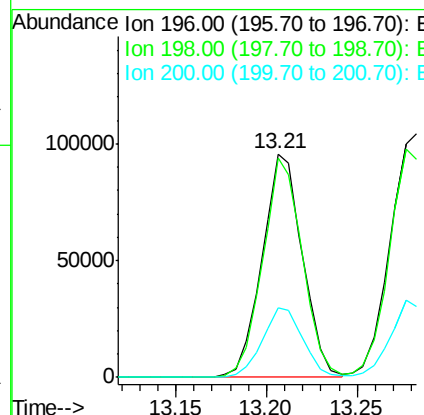
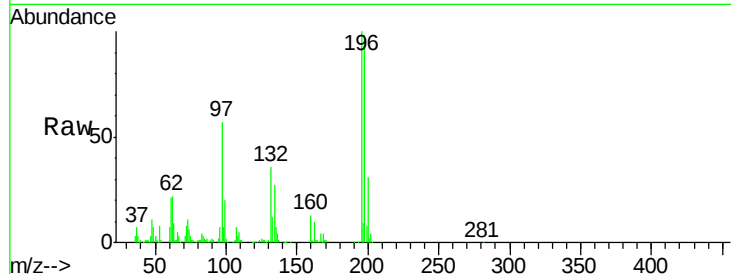




#43
 2,4,6-Trichlorophenol
 Concen: 49.035 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

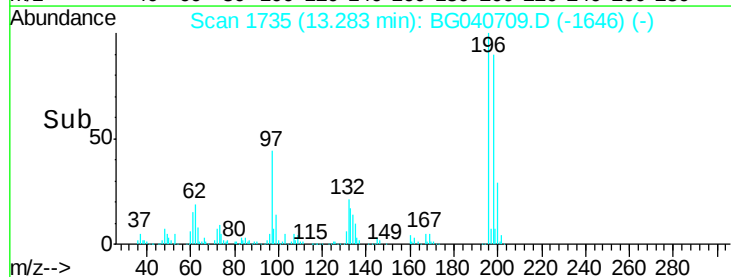
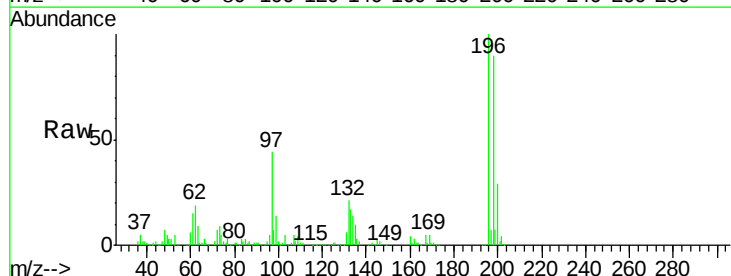
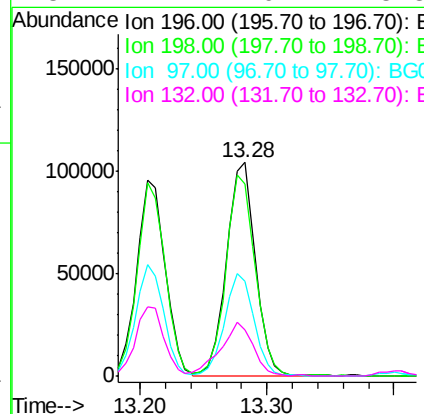
Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.5	74.8	112.2
200	31.0	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 50.125 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.6	77.0	115.6
97	44.5	40.0	60.0
132	21.4	19.2	28.8

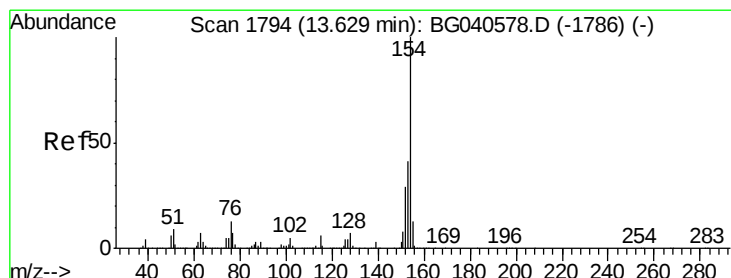
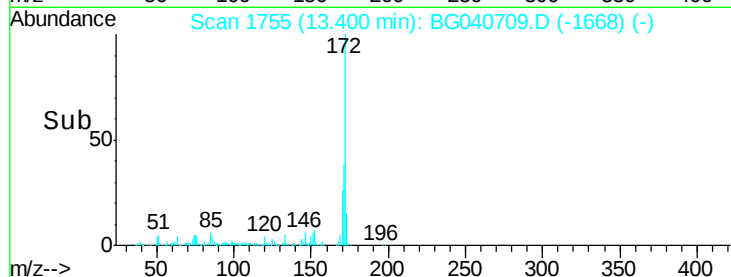
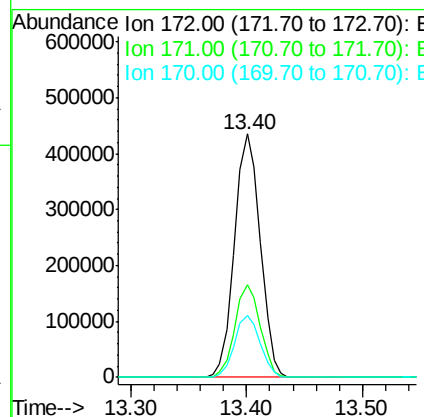
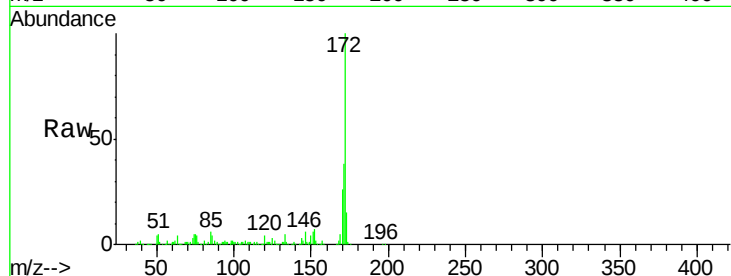




#45
2-Fluorobiphenyl
Concen: 72.091 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

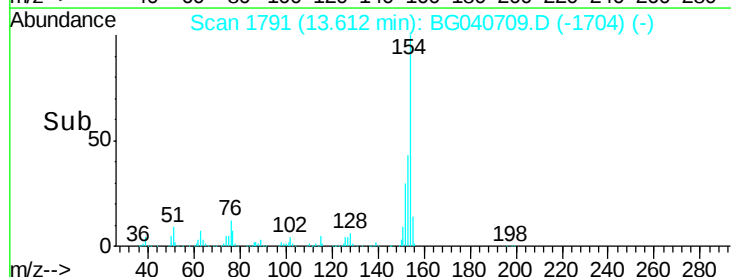
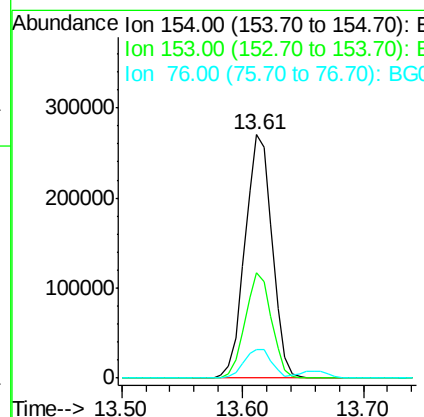
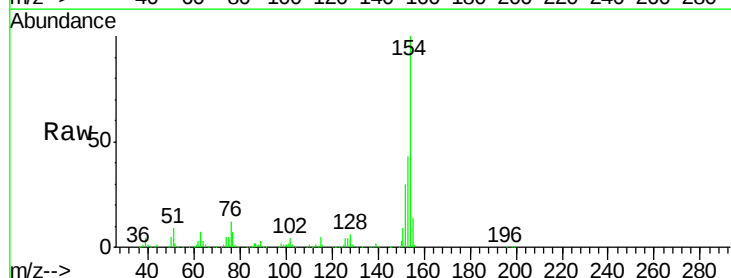
Instrument :
BNA_G
ClientSampleId :
PB119403BSD

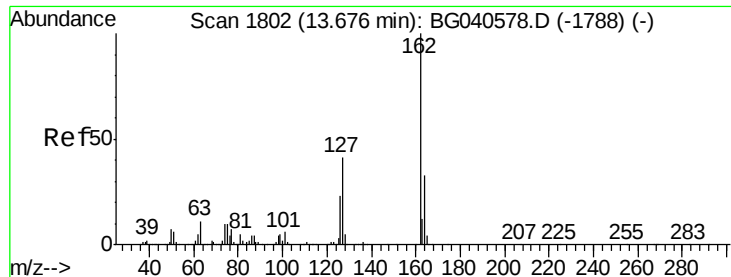
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.2
170	25.7	19.9	29.9



#46
1,1'-Biphenyl
Concen: 40.374 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	20.5	60.5
76	11.9	0.0	32.5

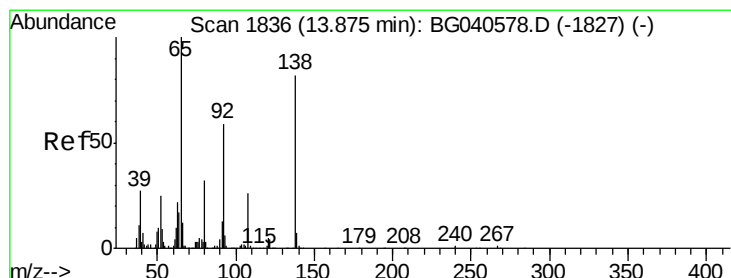
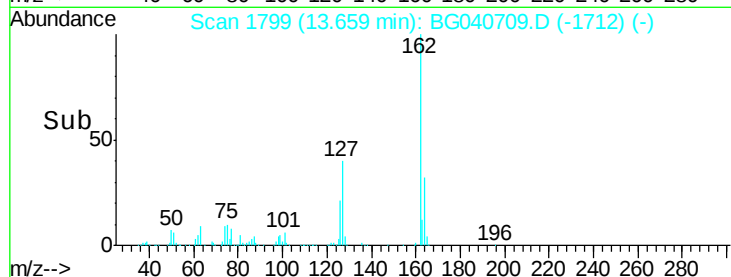
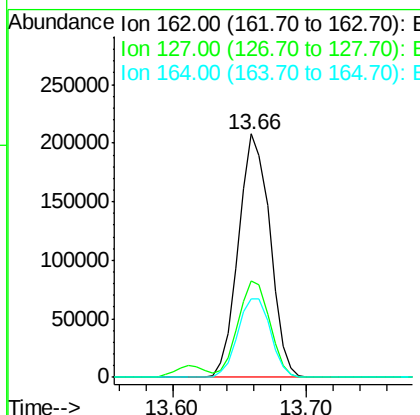
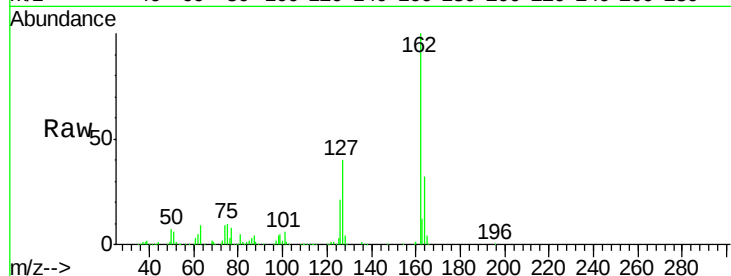




#47
 2-Chloronaphthalene
 Concen: 41.417 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

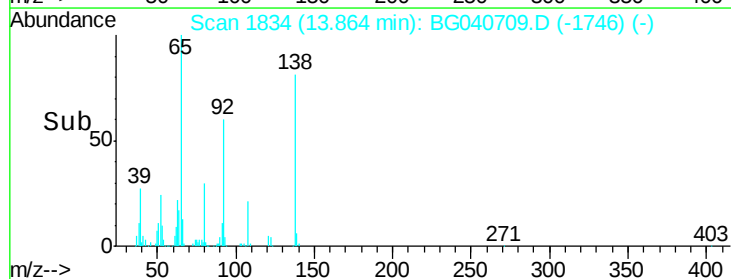
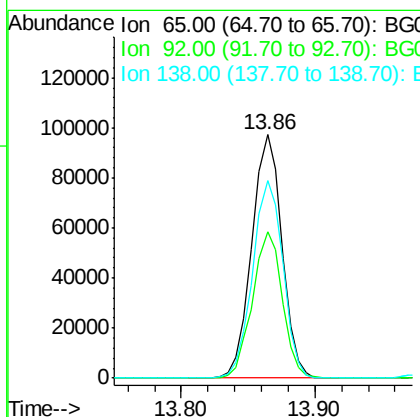
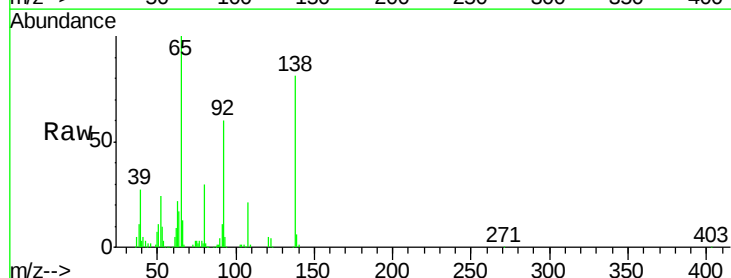
Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.0	49.4
164	32.4	26.8	40.2



#48
 2-Nitroaniline
 Concen: 51.868 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.9	47.4	71.0
138	81.4	66.1	99.1





#49

Acenaphthylene

Concen: 40.467 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

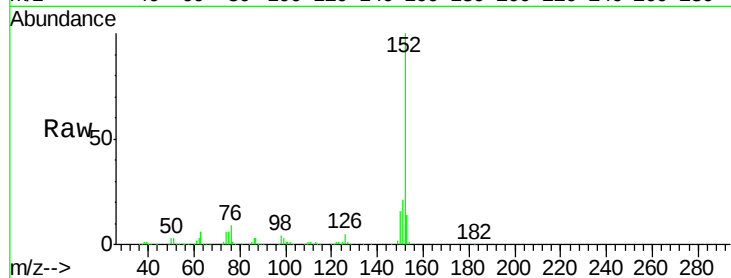
Tot Ion:152 Resp: 561680

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

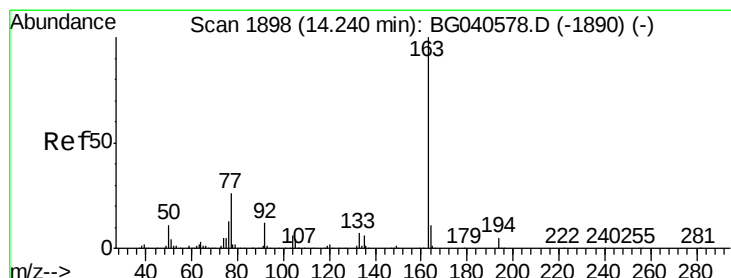
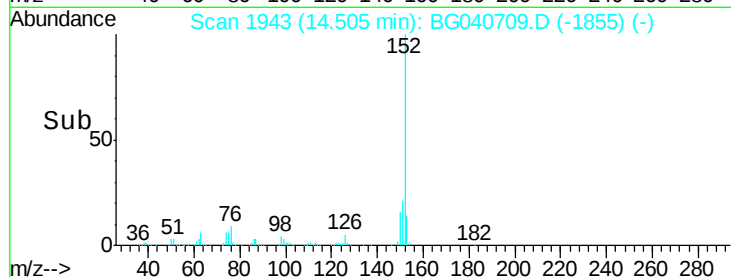
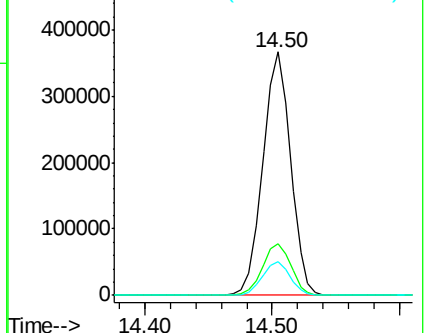
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.863 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

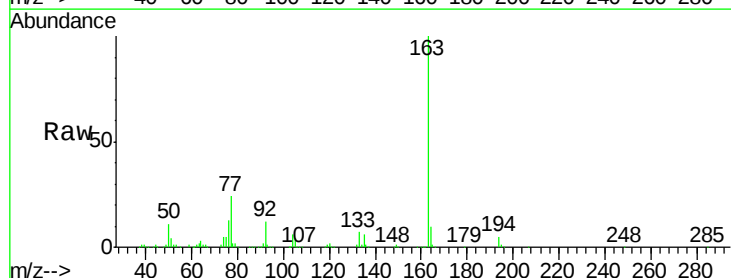
Tgt Ion:163 Resp: 494121

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

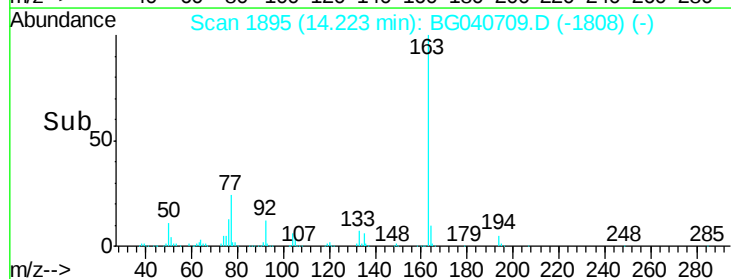
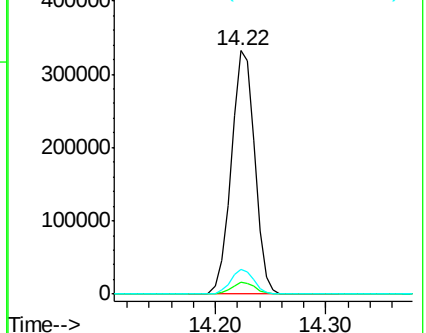
164 10.2 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.109 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

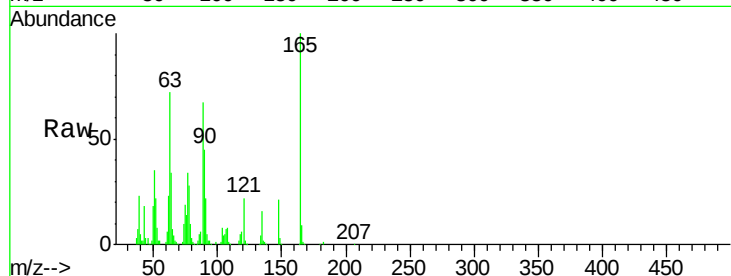
Tot Ion:165 Resp: 107971

Ion Ratio Lower Upper

165 100

63 72.1 61.0 91.4

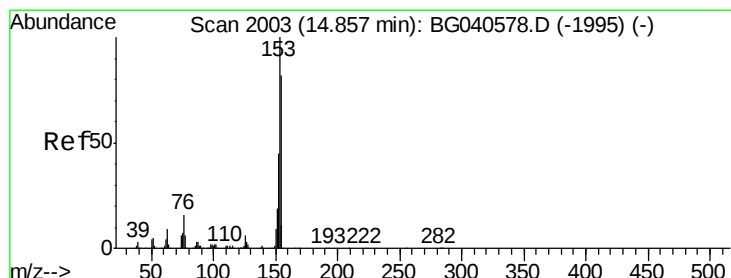
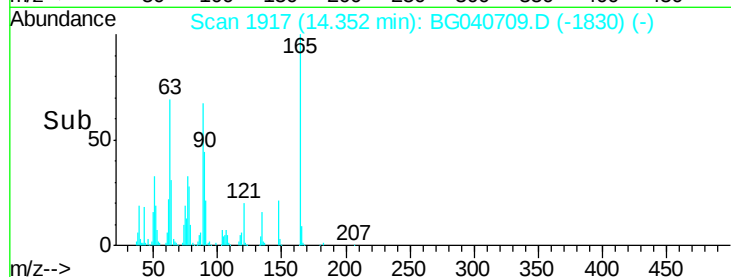
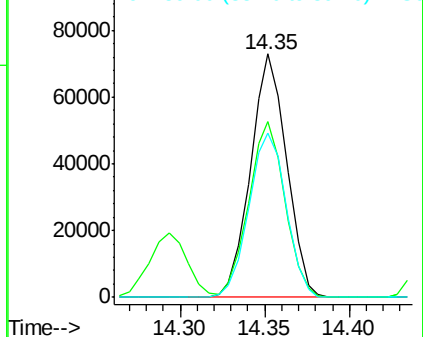
89 67.2 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.603 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

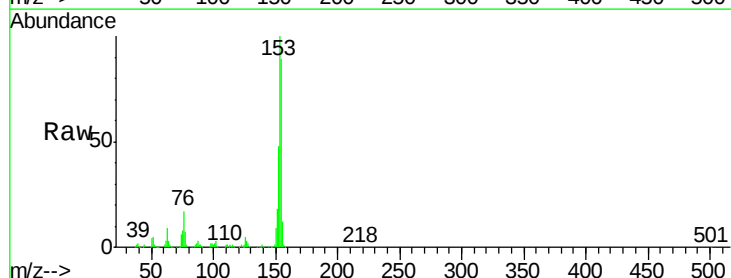
Tgt Ion:154 Resp: 336280

Ion Ratio Lower Upper

154 100

153 112.4 97.0 145.6

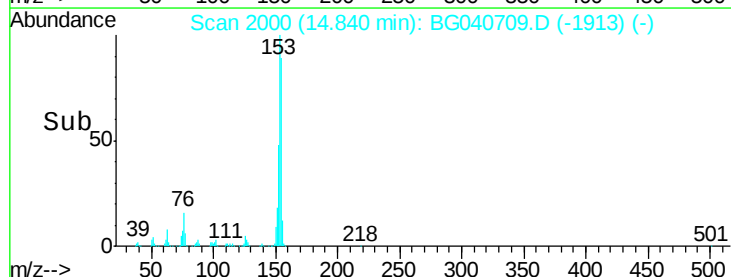
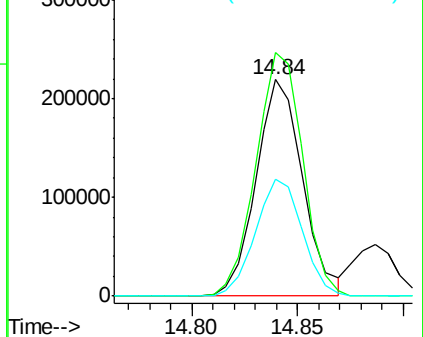
152 54.0 44.1 66.1



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

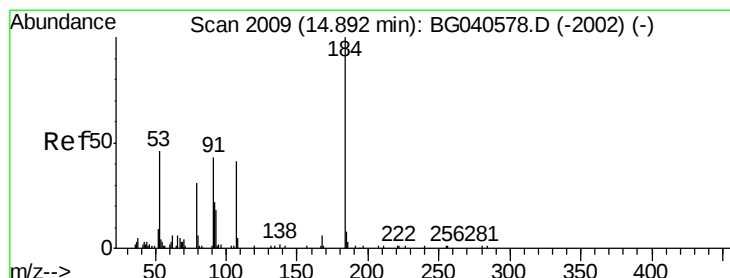
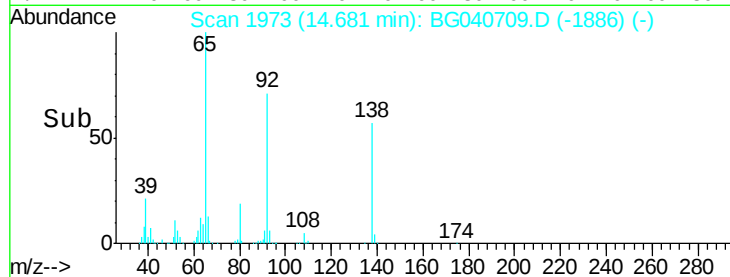
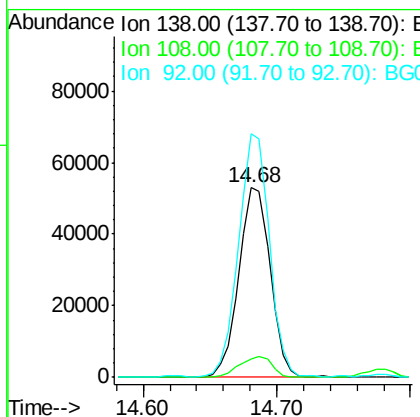
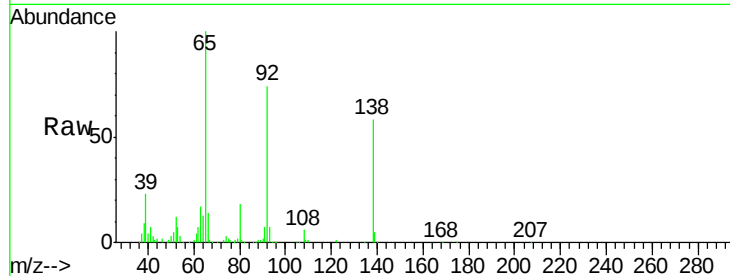




#53
3-Nitroaniline
Concen: 38.274 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

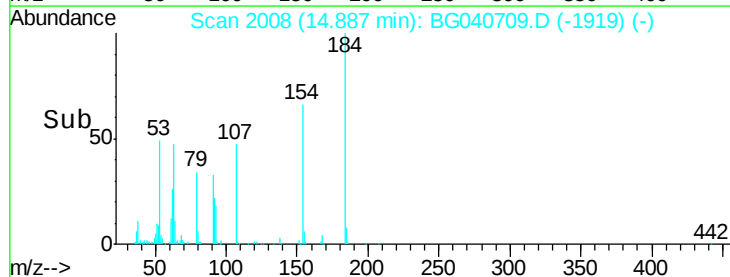
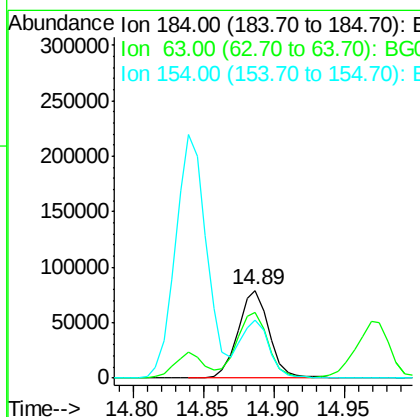
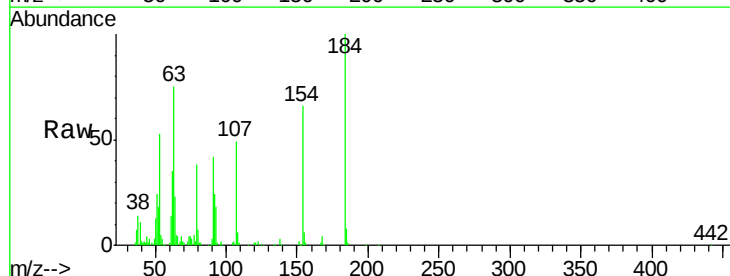
Instrument :
BNA_G
ClientSampleId :
PB119403BSD

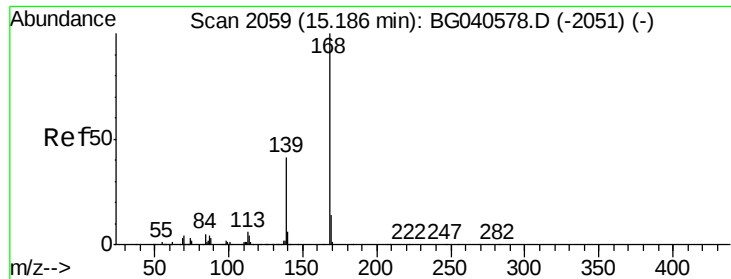
Tot Ion:138 Resp: 86221
Ion Ratio Lower Upper
138 100
108 10.0 12.4 18.6#
92 128.4 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 96.938 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion:184 Resp: 122222
Ion Ratio Lower Upper
184 100
63 75.3 51.8 77.6
154 66.2 43.6 65.4#

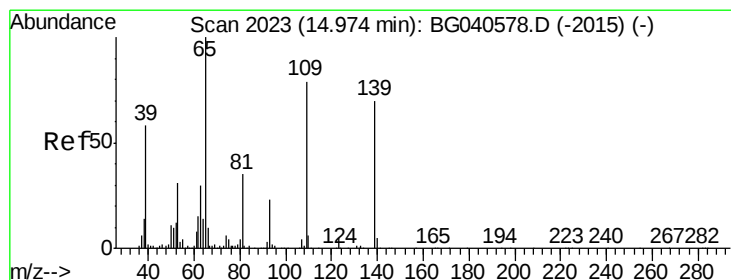
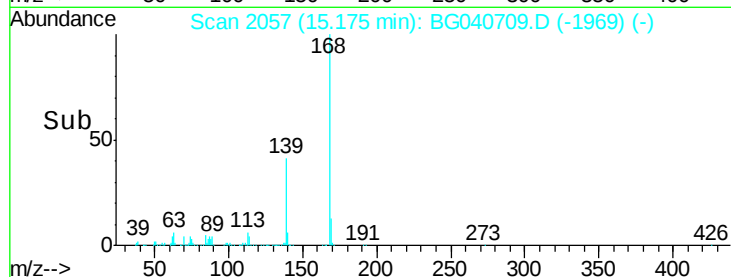
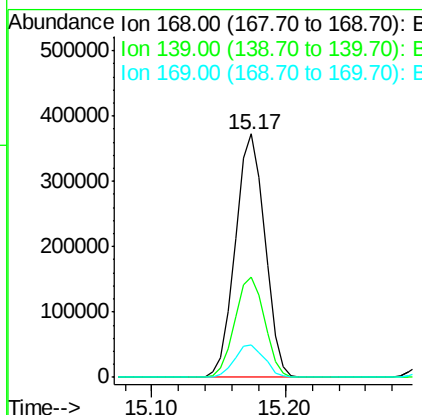
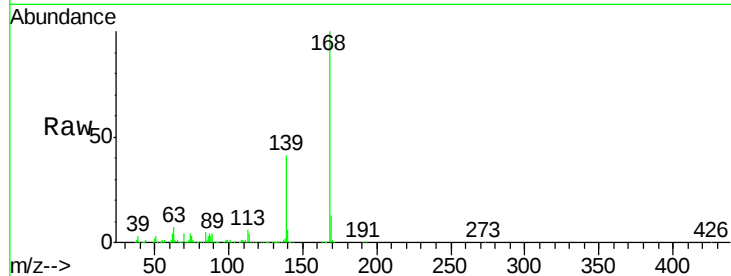




#55
Dibenzenofuran
Concen: 43.227 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

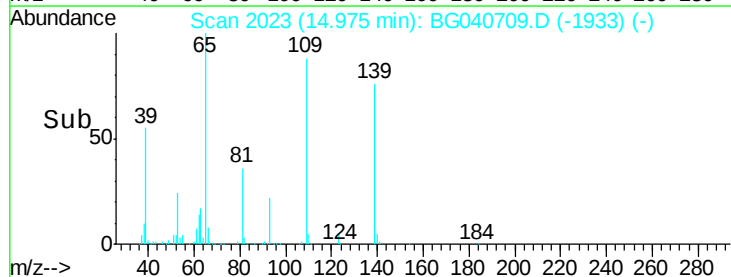
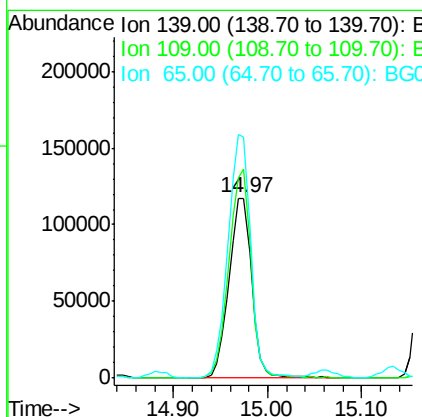
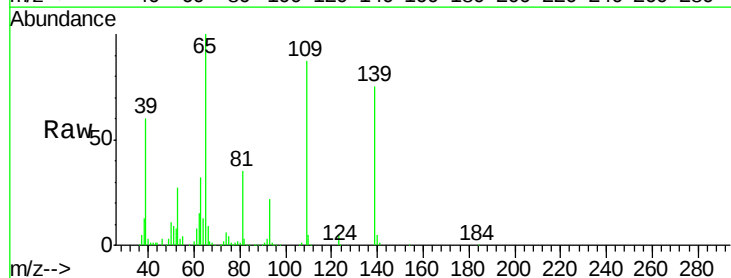
Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.1	33.0	49.4
169	13.4	11.0	16.4



#56
4-Nitrophenol
Concen: 101.736 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	116.3	93.8	133.8
65	133.7	122.7	162.7

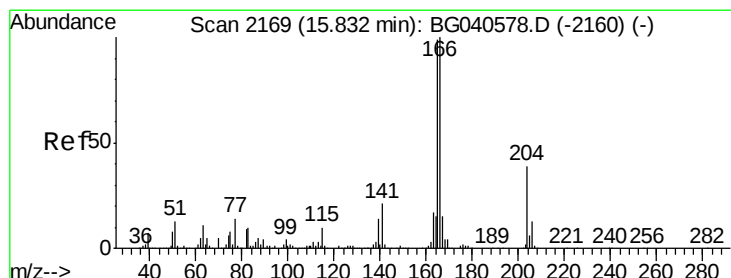
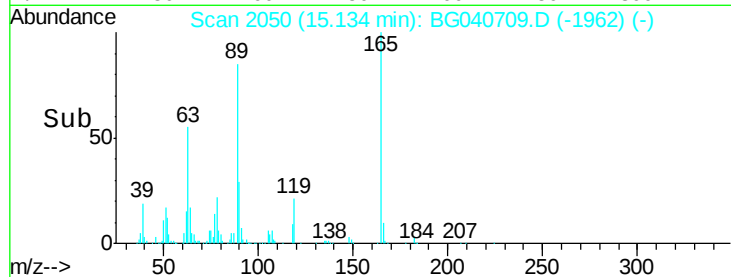
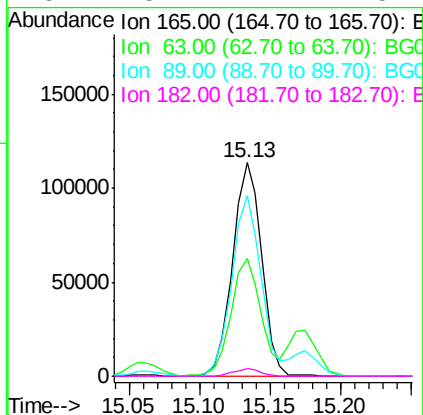
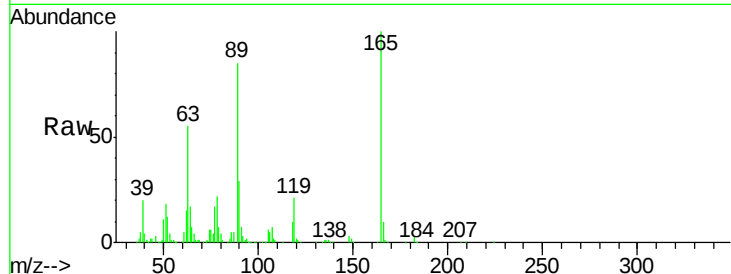




#57
 2,4-Dinitrotoluene
 Concen: 54.405 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

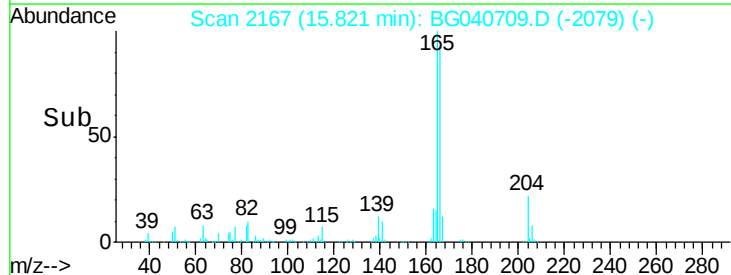
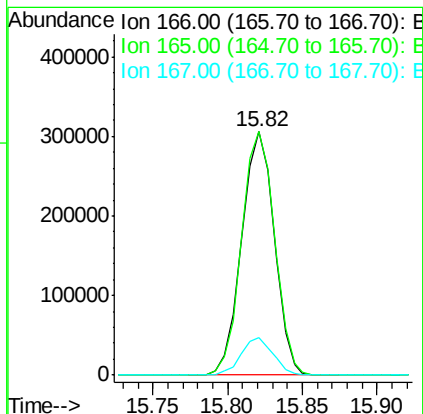
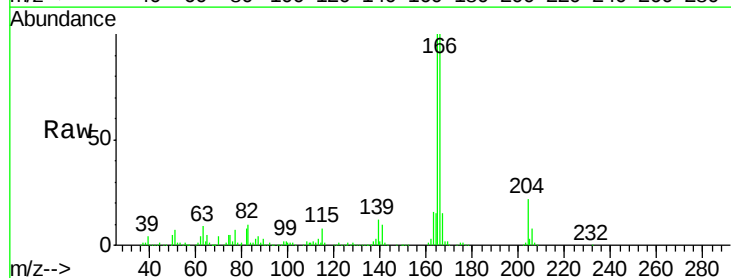
Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

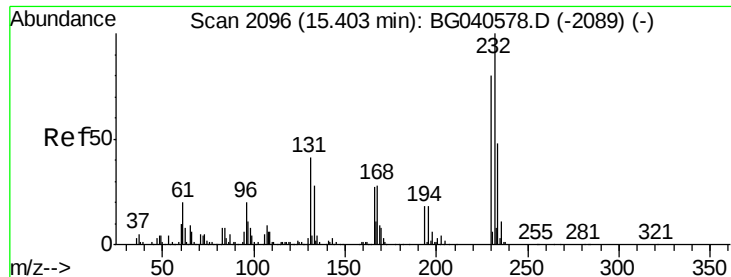
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.3	45.8	68.8
89	84.8	69.4	104.2
182	3.7	2.2	3.4



#58
 Fluorene
 Concen: 43.279 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.6	119.4
167	15.4	12.2	18.2

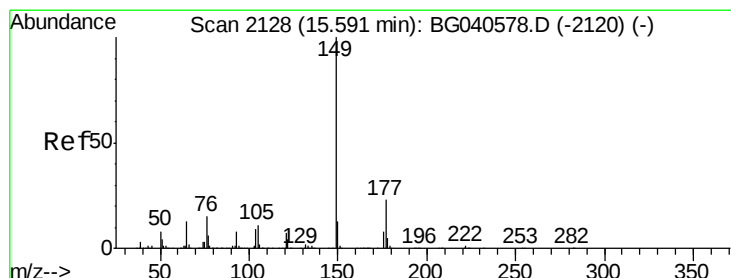
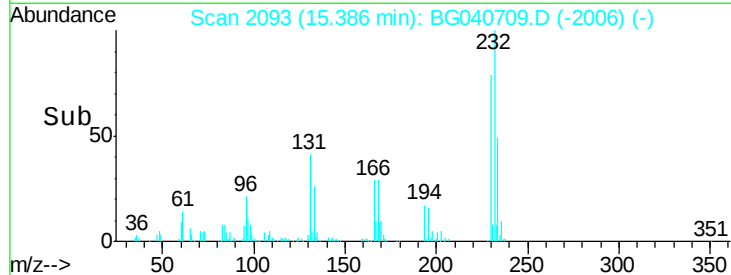
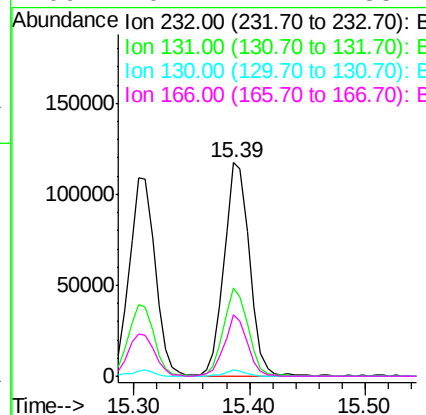
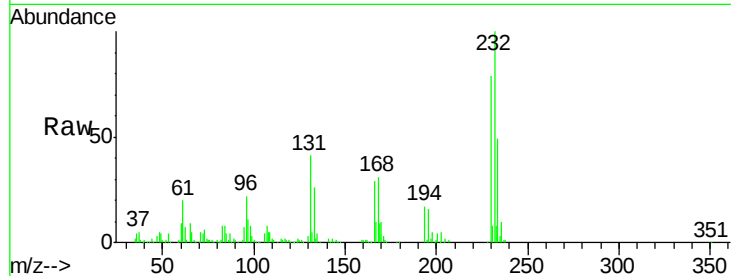




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.421 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

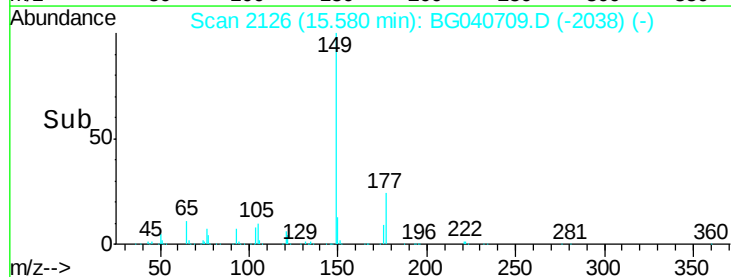
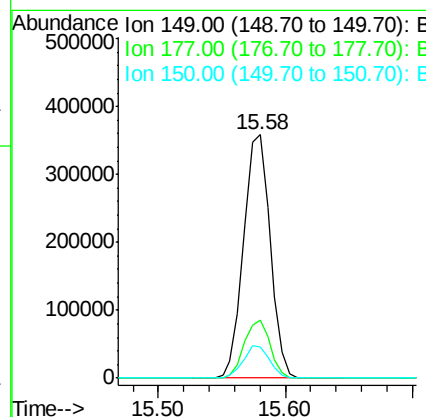
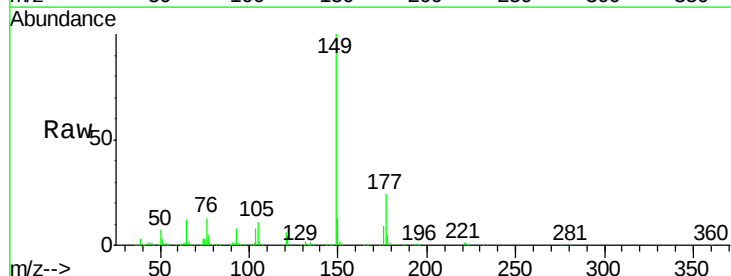
Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

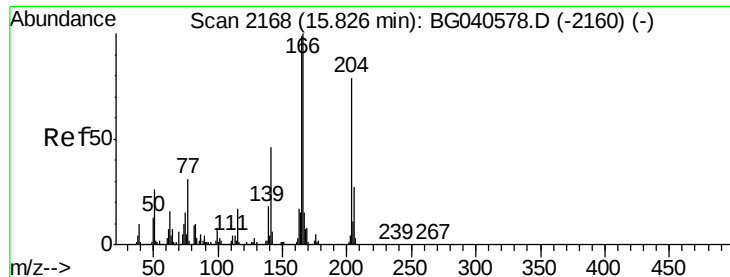
Tot Ion:232	Resp:	177539
Ion Ratio	Lower	Upper
232	100	
131	39.7	33.0 49.4
130	2.5	2.0 3.0
166	26.4	22.1 33.1



#60
 Diethylphthalate
 Concen: 43.771 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion:149	Resp:	520248
Ion Ratio	Lower	Upper
149	100	
177	23.9	18.5 27.7
150	12.7	10.2 15.4





#61

4-Chlorophenyl-phenylether

Concen: 45.189 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

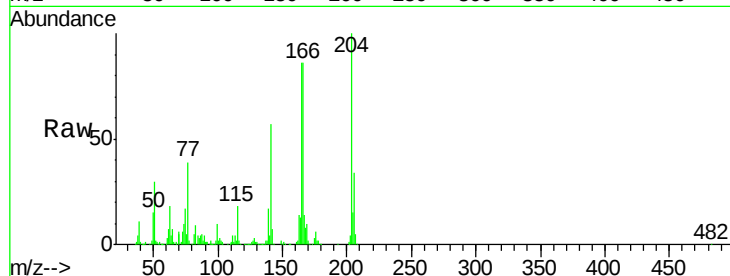
Tot Ion:204 Resp: 281248

Ion Ratio Lower Upper

204 100

206 33.6 27.4 41.2

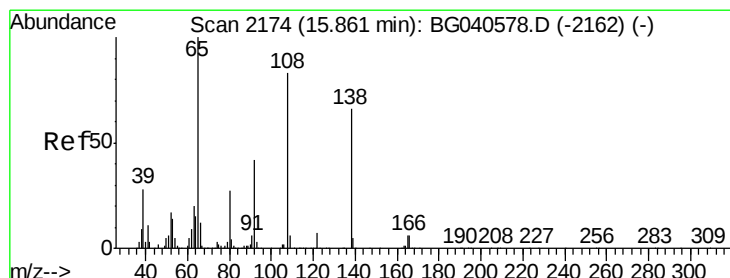
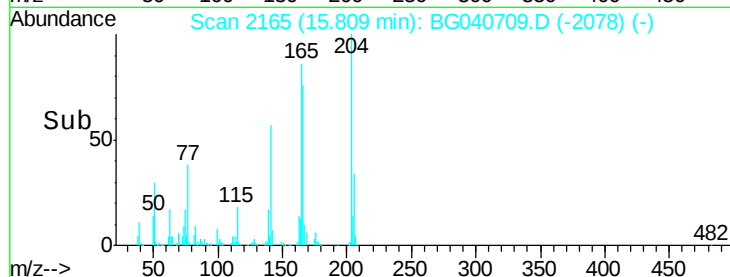
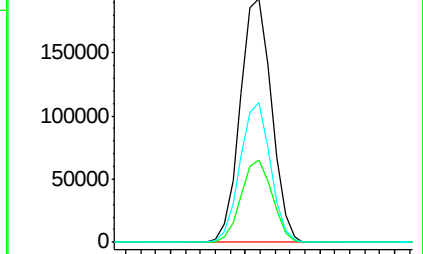
141 57.5 46.0 69.0



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: 49.897 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

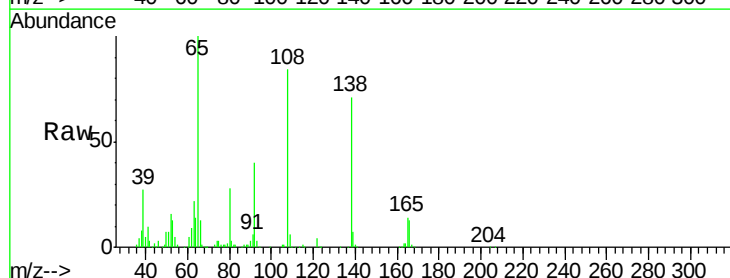
Tgt Ion:138 Resp: 125737

Ion Ratio Lower Upper

138 100

92 57.3 43.9 83.9

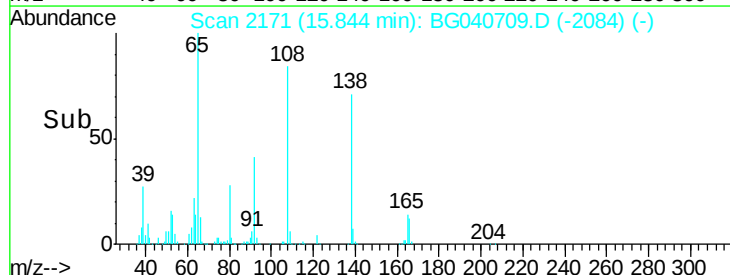
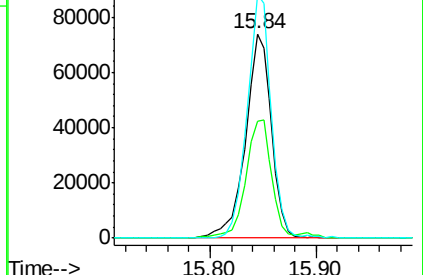
108 119.3 106.5 146.5



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

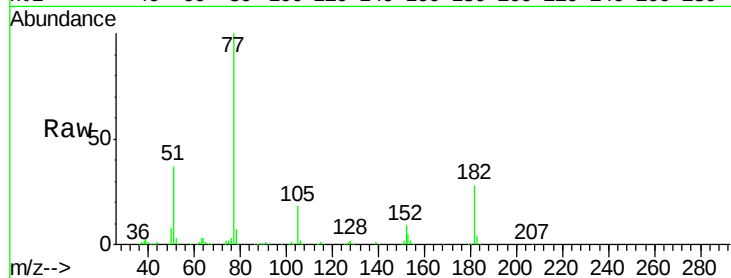




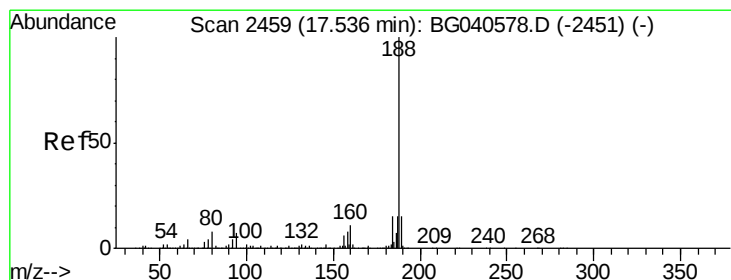
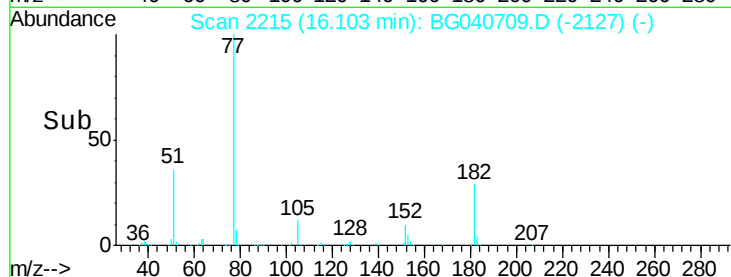
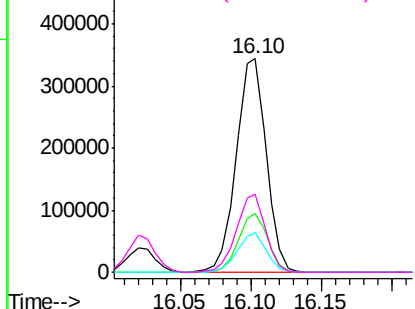
#63
Azobenzene
Concen: 41.741 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	27.7	5.0	45.0
105	105	18.4	0.0	37.6
51	51	36.6	16.3	56.3

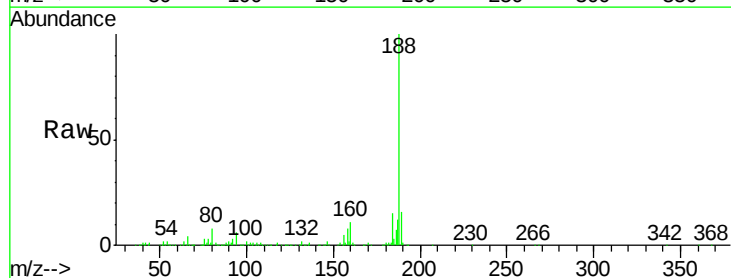


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

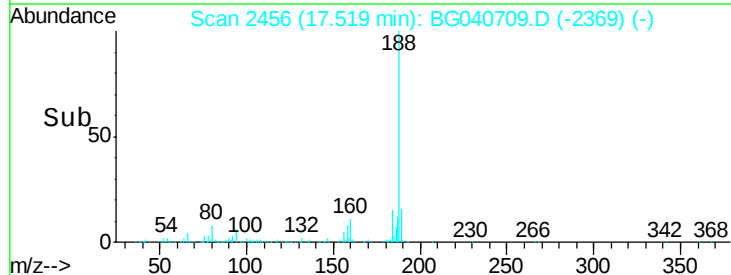
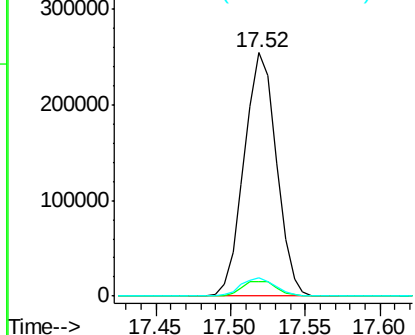


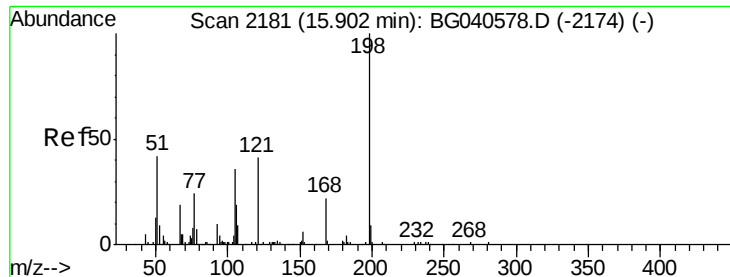
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	6.1	5.6	8.4
80	80	7.7	6.4	9.6



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

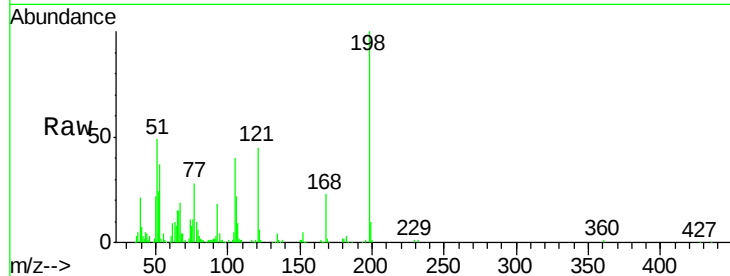




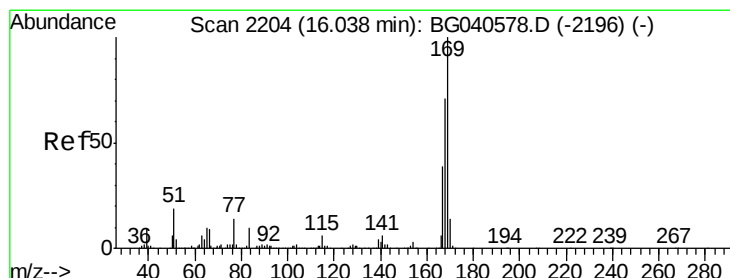
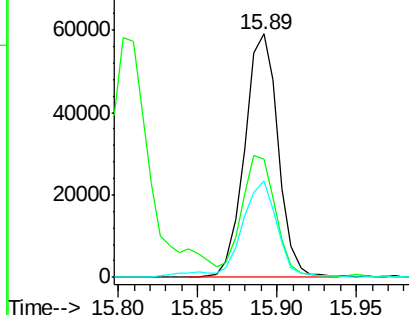
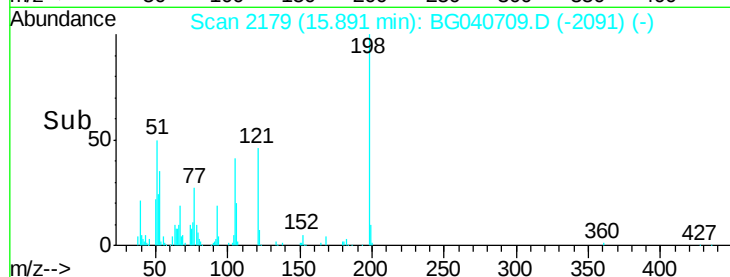
#65
4,6-Dinitro-2-methylphenol
Concen: 46.203 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Instrument :
BNA_G
ClientSampleId :
PB119403BSD

Tot Ion:198 Resp: 86332
Ion Ratio Lower Upper
198 100
51 48.6 35.9 75.9
105 39.7 21.2 61.2

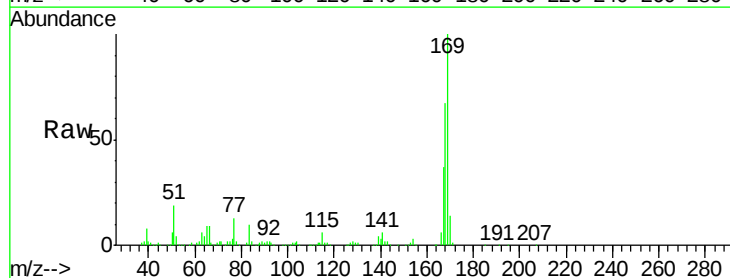


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

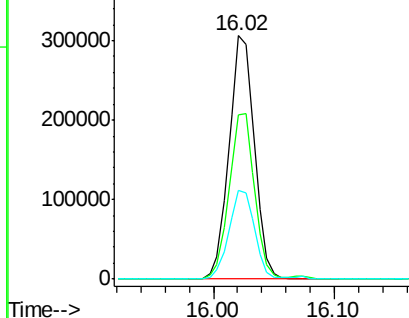
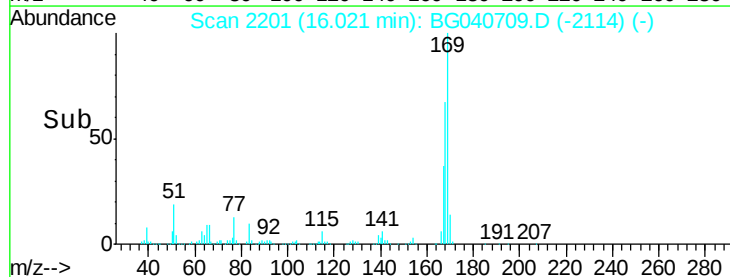


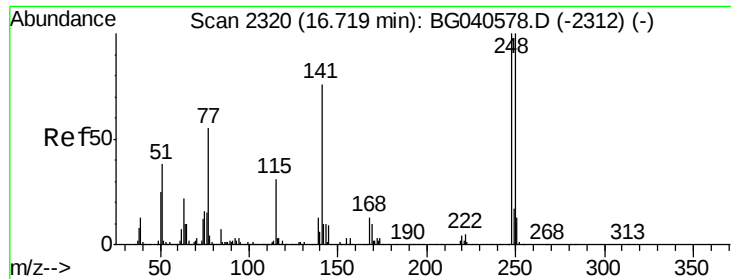
#66
n-Nitrosodiphenylamine
Concen: 39.769 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion:169 Resp: 446731
Ion Ratio Lower Upper
169 100
168 67.2 56.8 85.2
167 36.5 31.4 47.0



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

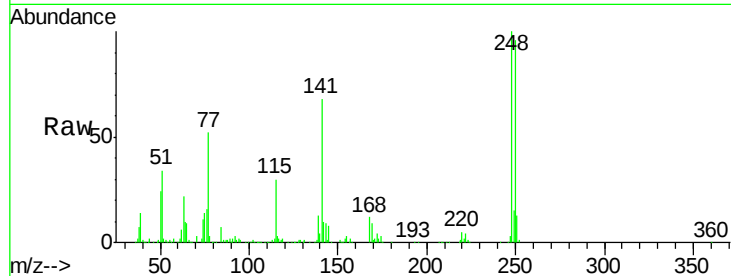




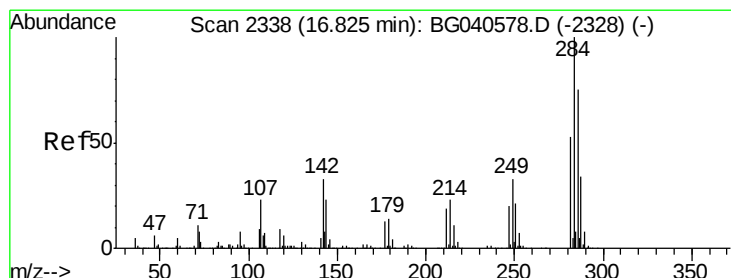
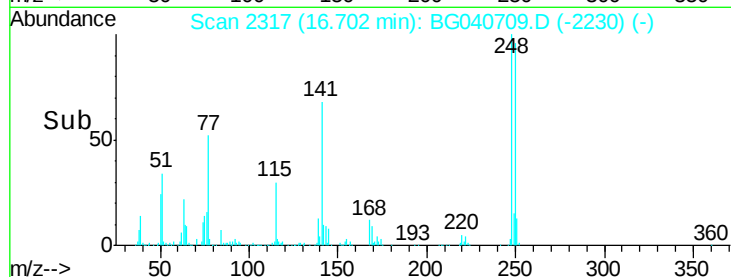
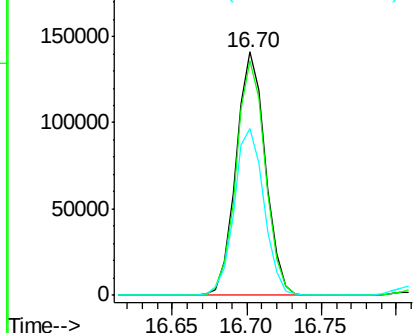
#67
 4-Bromophenyl-phenylether
 Concen: 40.365 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

Tot Ion:248 Resp: 192007
 Ion Ratio Lower Upper
 248 100
 250 96.1 79.8 119.6
 141 68.3 60.8 91.2

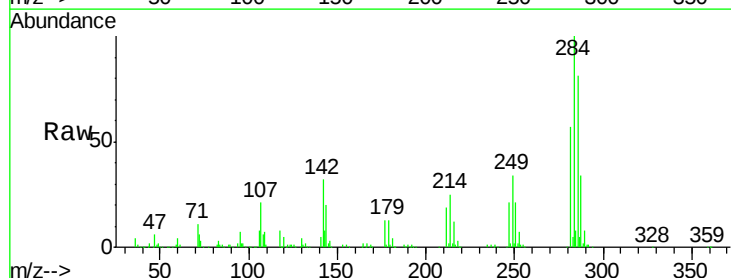


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

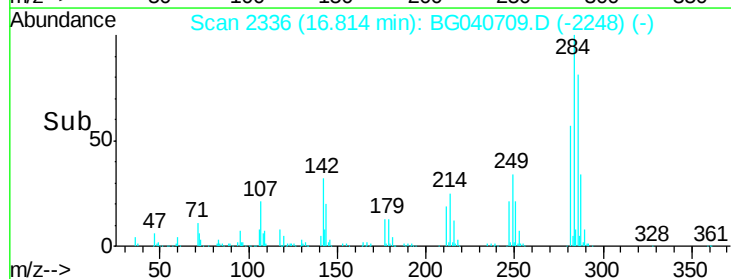
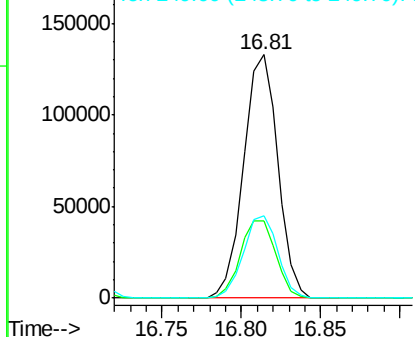


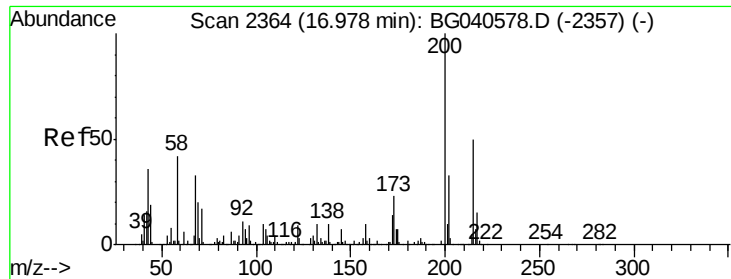
#68
 Hexachlorobenzene
 Concen: 40.406 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion:284 Resp: 198736
 Ion Ratio Lower Upper
 284 100
 142 31.9 26.6 40.0
 249 33.7 26.0 39.0



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

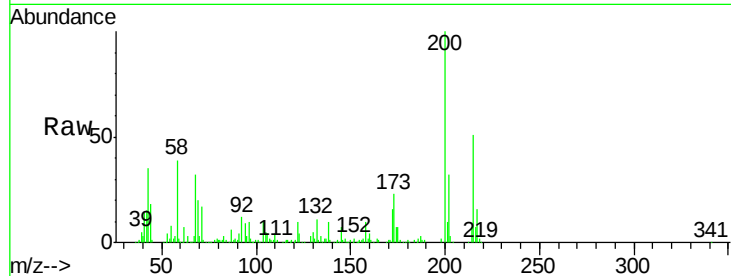




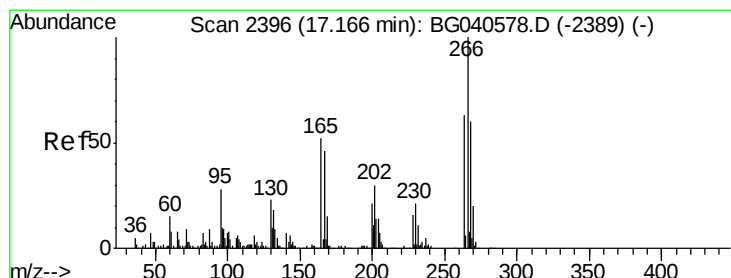
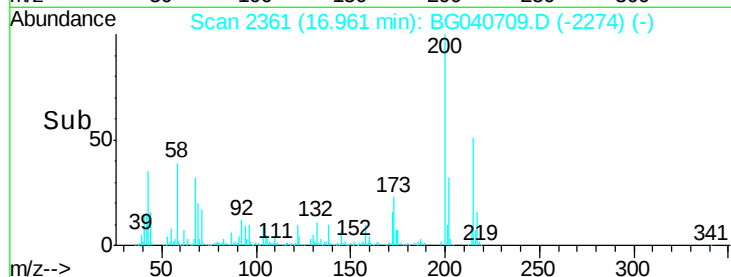
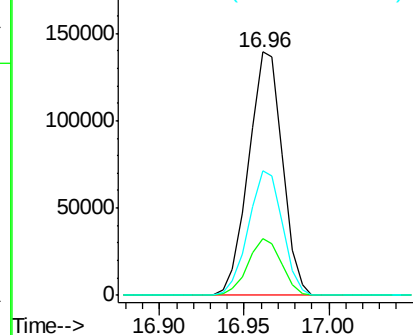
#69
 Atrazine
 Concen: 43.646 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	2.8	42.8
215	51.1	30.2	70.2

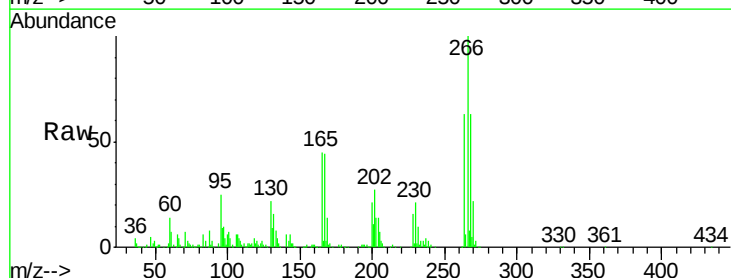


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

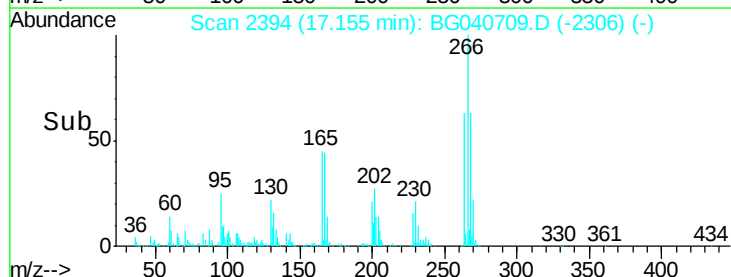
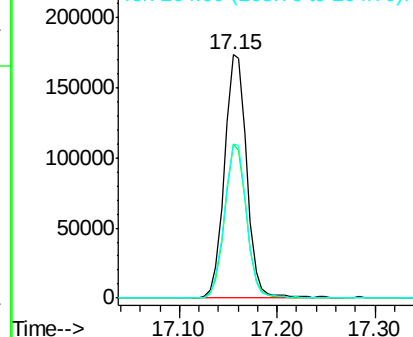


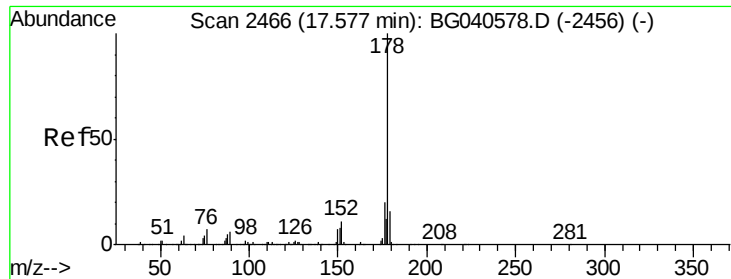
#70
 Pentachlorophenol
 Concen: 95.554 ng
 RT: 17.15 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.3	78.5
264	63.4	50.0	75.0



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

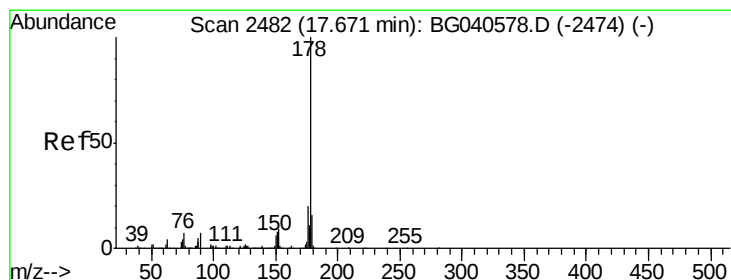
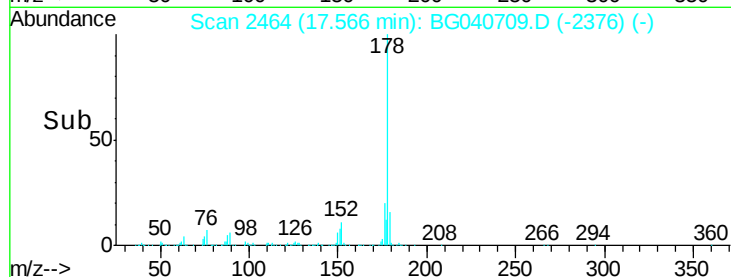
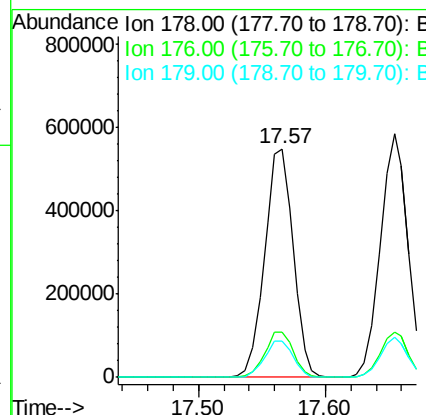
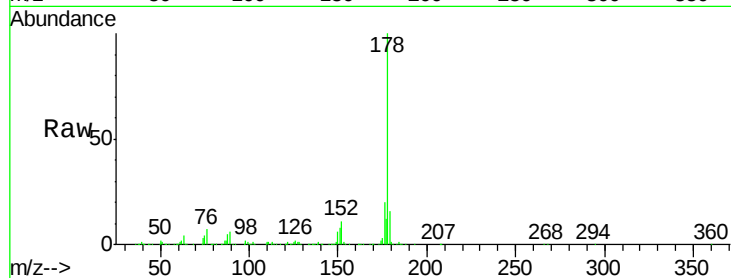




#71
Phenanthrene
Concen: 41.784 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

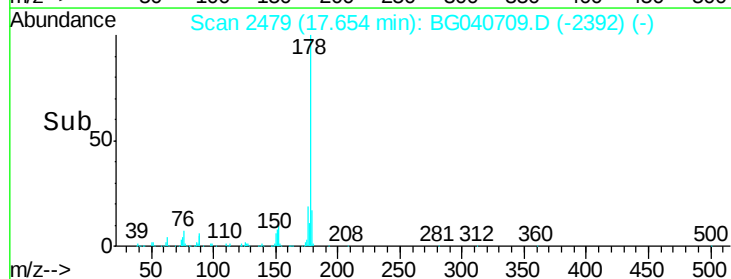
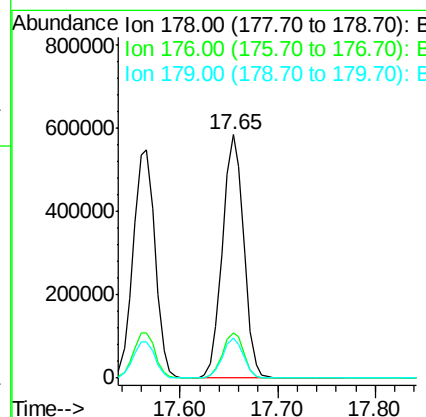
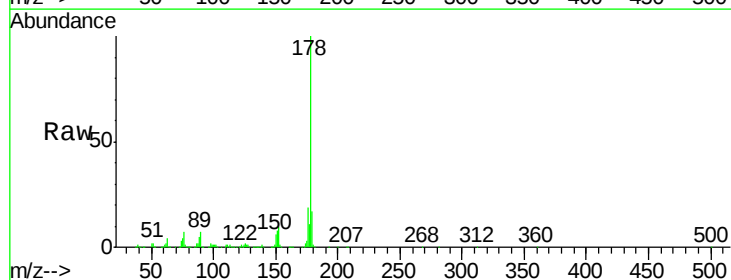
Instrument :
BNA_G
ClientSampleId :
PB119403BSD

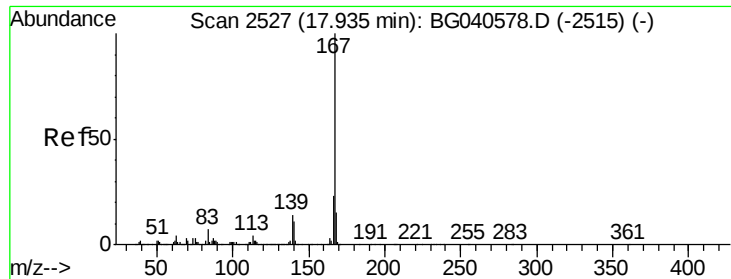
Tot Ion	178	Resp	859279
Ion Ratio	100	Lower	Upper
176	19.8	15.8	23.6
179	15.8	12.6	18.8



#72
Anthracene
Concen: 42.660 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040709.D
Acq: 2 May 2019 16:28

Tgt Ion	178	Resp	881833
Ion Ratio	100	Lower	Upper
176	18.5	15.6	23.4
179	16.6	12.9	19.3

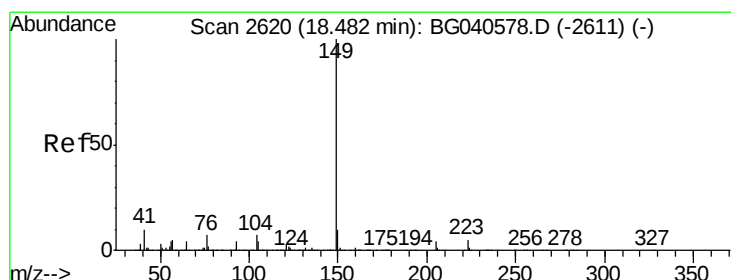
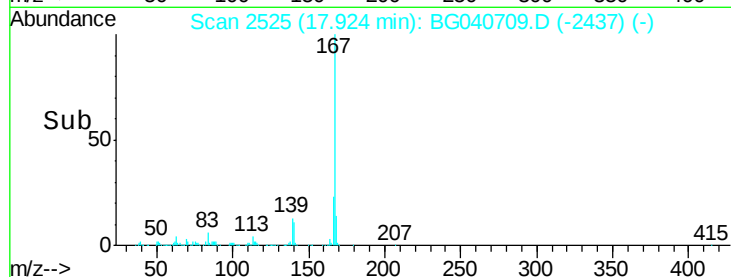
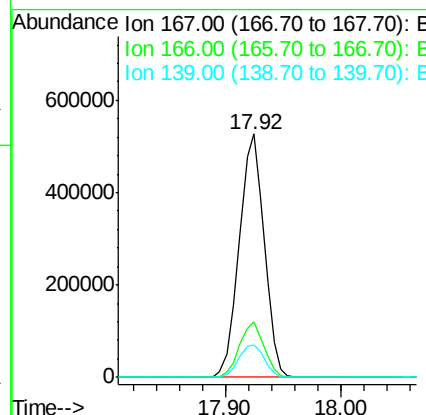
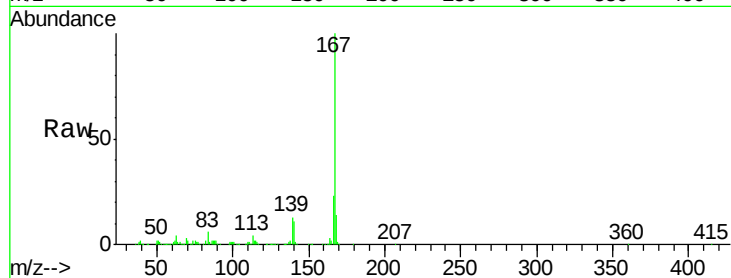




#73
 Carbazole
 Concen: 41.958 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

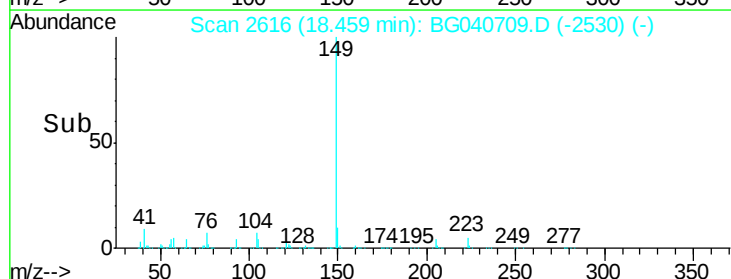
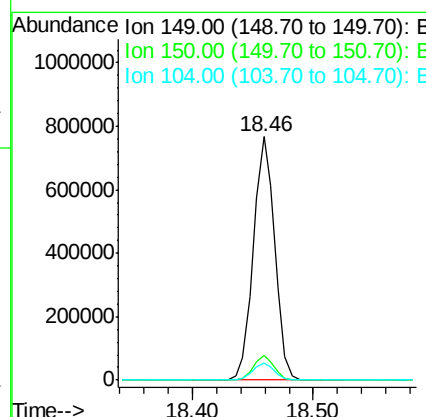
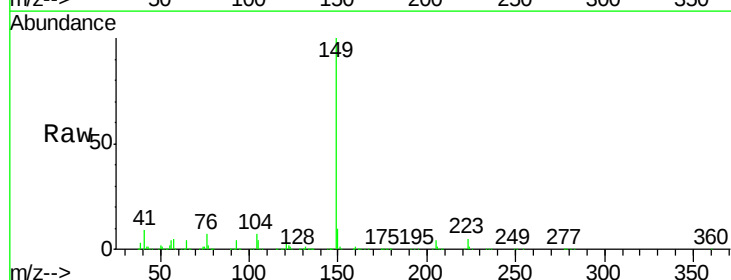
Instrument :
 BNA_G
 ClientSampleId :
 PB119403BSD

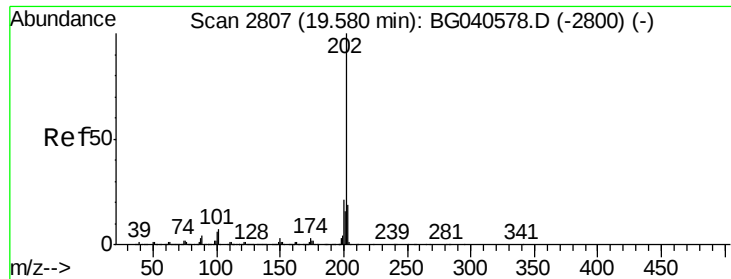
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	13.4	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 41.589 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BG040709.D
 Acq: 2 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	7.1	5.4	8.2





#75

Fluoranthene

Concen: 43.936 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

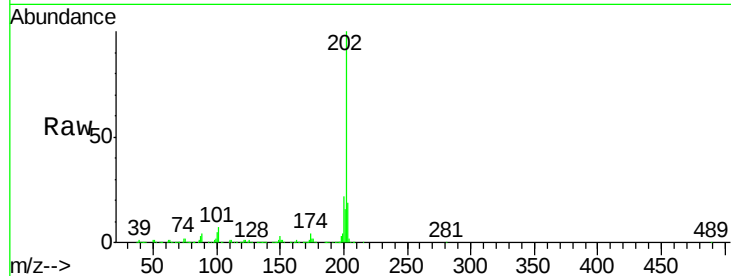
Tot Ion:202 Resp: 1125963

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.5

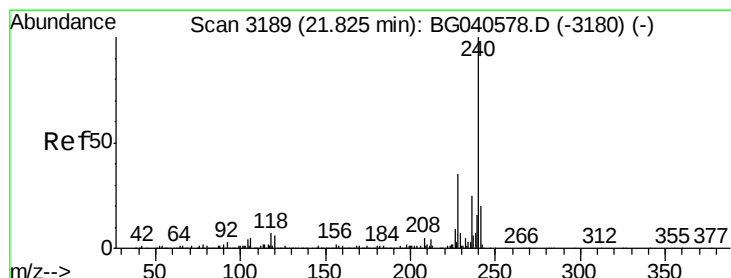
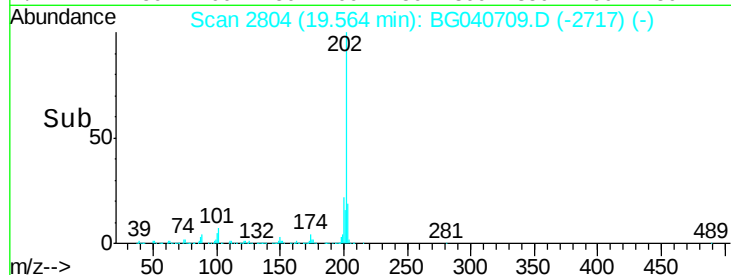
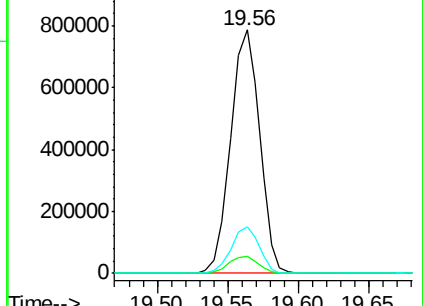
203 19.0 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

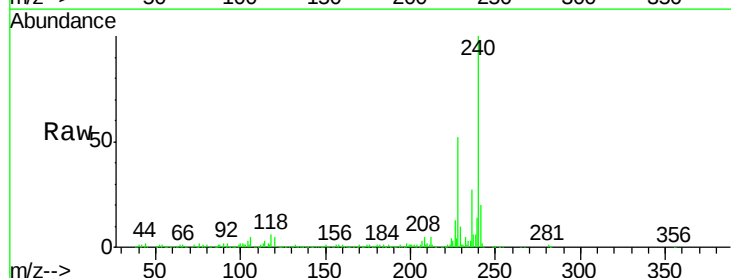
Tgt Ion:240 Resp: 432785

Ion Ratio Lower Upper

240 100

120 4.8 5.0 7.6#

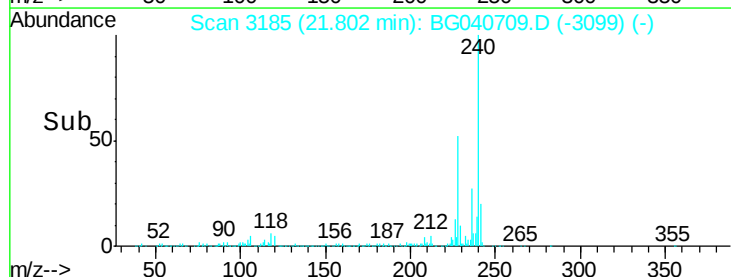
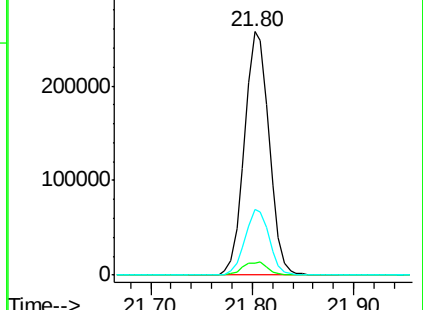
236 26.9 20.3 30.5

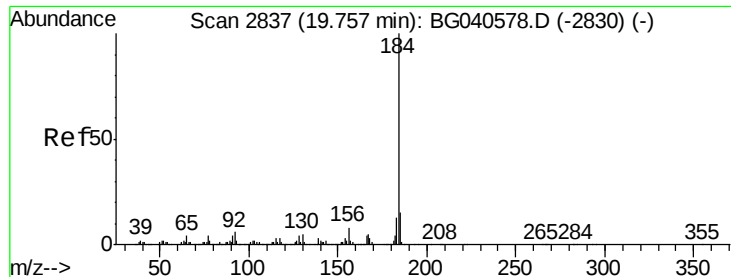


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.358 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

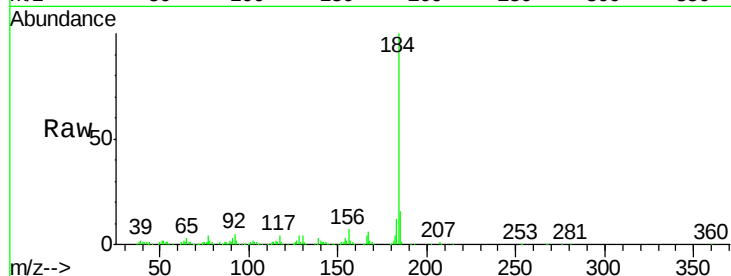
Tot Ion:184 Resp: 371587

Ion Ratio Lower Upper

184 100

185 15.6 11.8 17.8

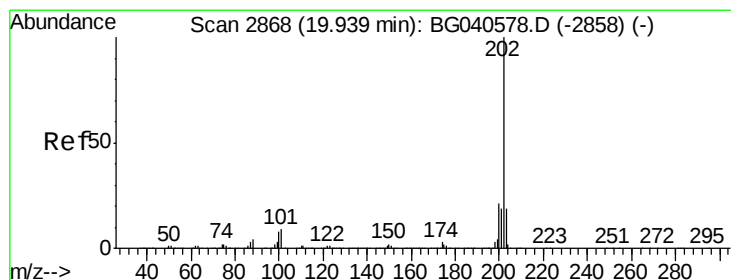
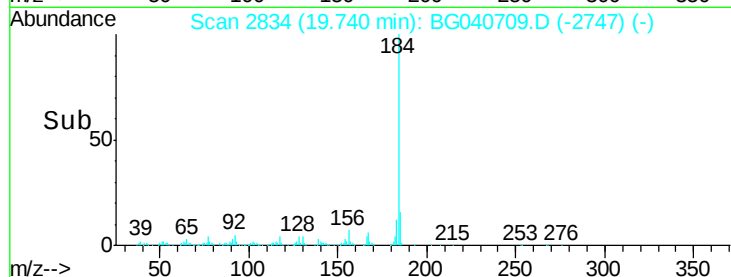
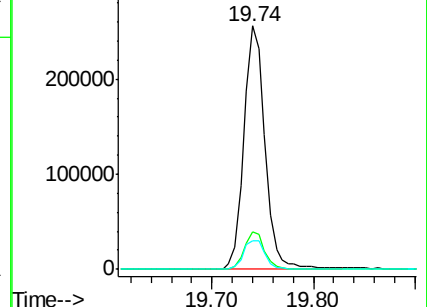
183 11.9 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.853 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

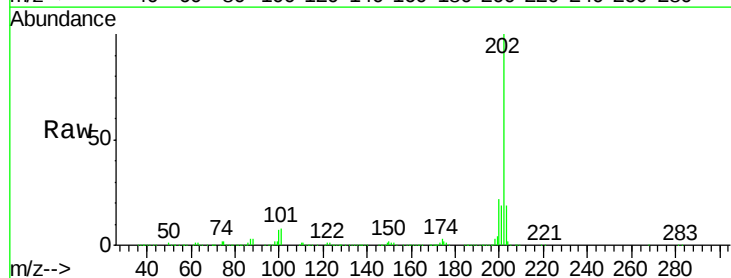
Tgt Ion:202 Resp: 1135274

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

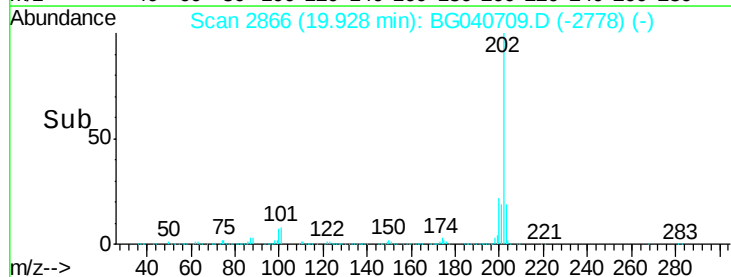
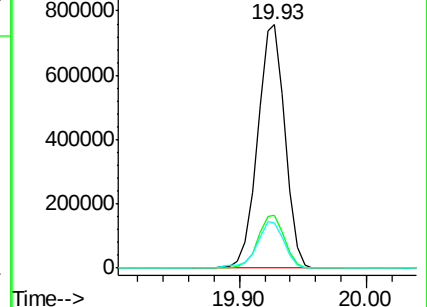
203 18.6 15.0 22.4

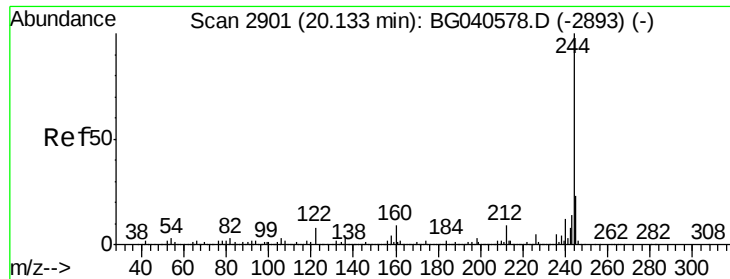


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.035 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

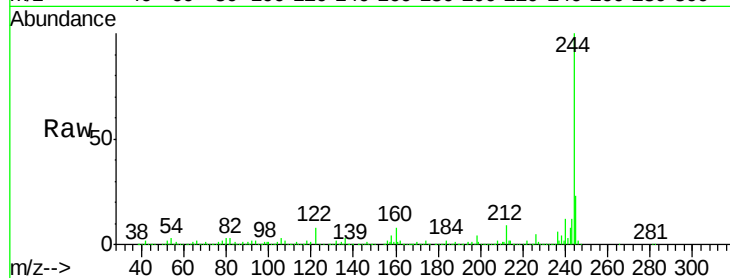
Tot Ion:244 Resp: 1485346

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	7.6	6.6	10.0

244 100

212 8.9 7.2 10.8

122 7.6 6.6 10.0

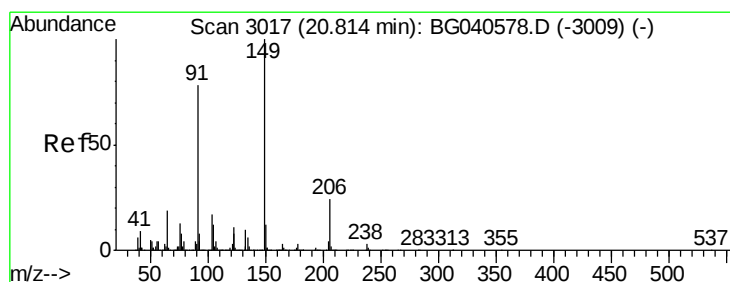
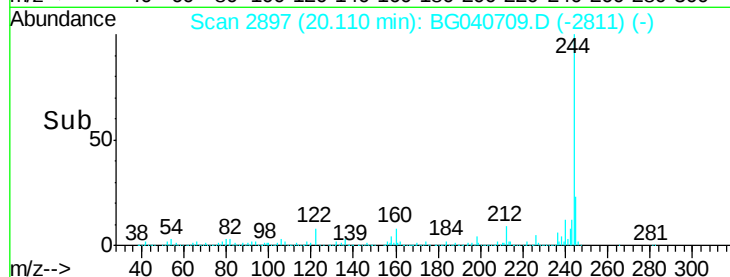
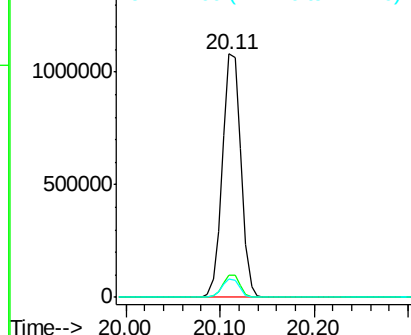


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.359 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

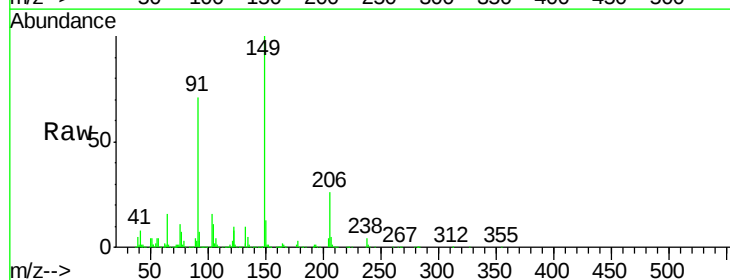
Tgt Ion:149 Resp: 437245

Ion	Ratio	Lower	Upper
149	100		
91	70.6	62.6	93.8
206	26.2	19.4	29.2

149 100

91 70.6 62.6 93.8

206 26.2 19.4 29.2

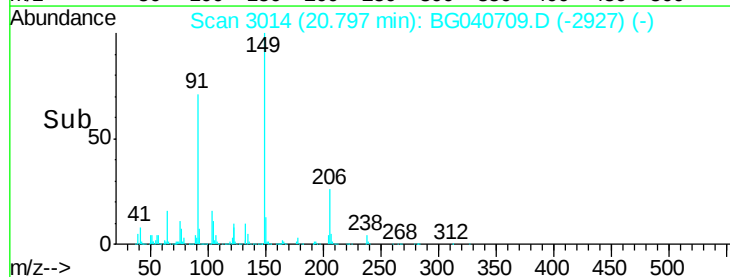
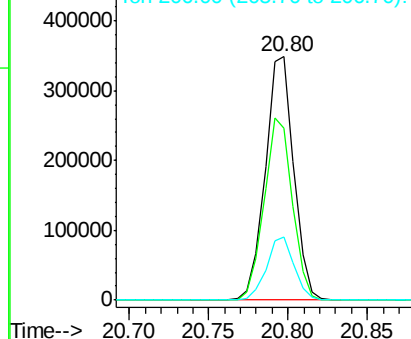


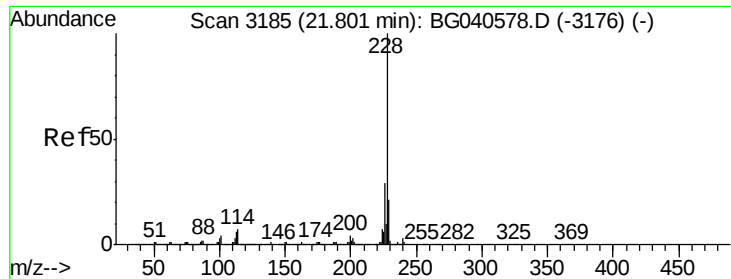
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.469 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

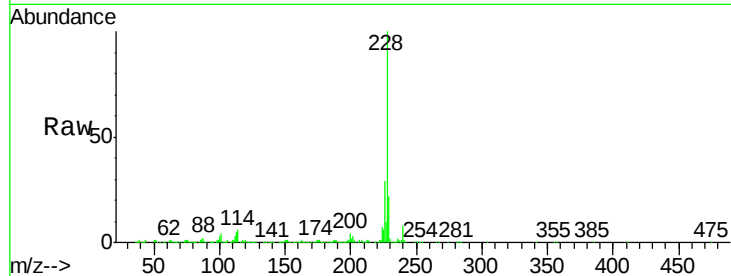
BNA_G

ClientSampleId :

PB119403BSD

Tot Ion:228 Resp: 1079571

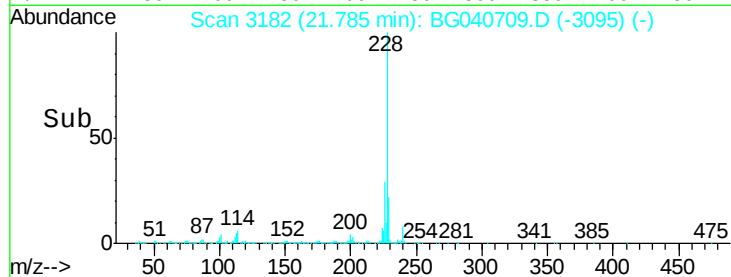
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.1	34.7
229	21.7	17.0	25.4



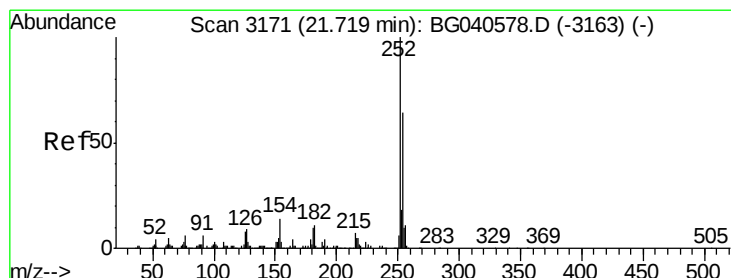
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 30.767 ng

RT: 21.70 min Scan# 3167

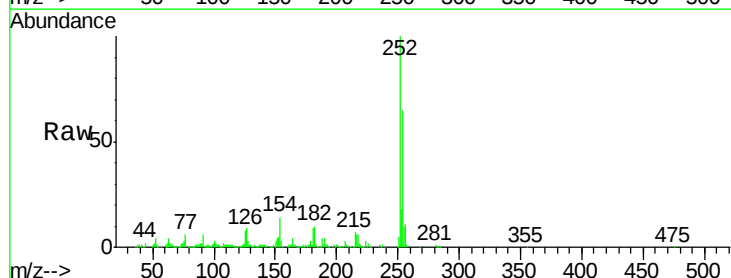
Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion:252 Resp: 299947

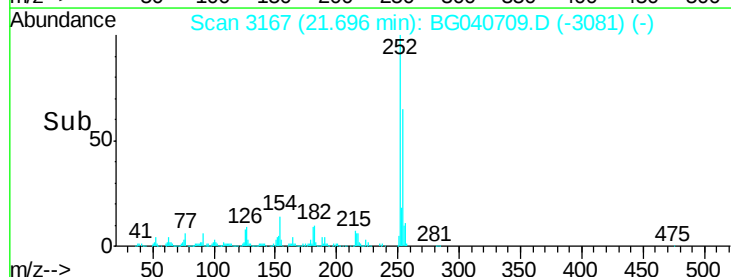
Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.2	76.8
126	8.2	6.6	10.0



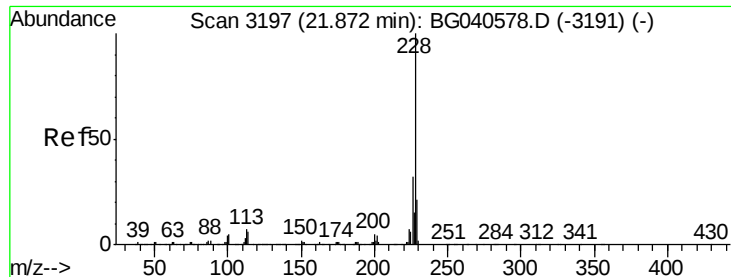
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 40.647 ng

RT: 21.86 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

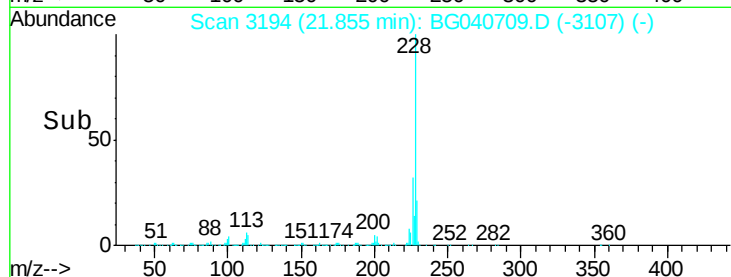
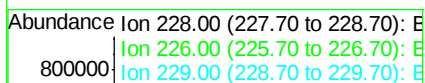
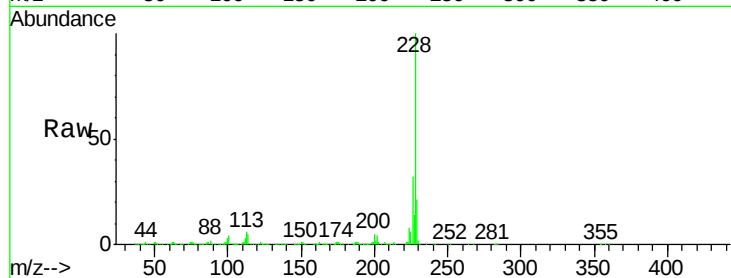
BNA_G

ClientSampleId :

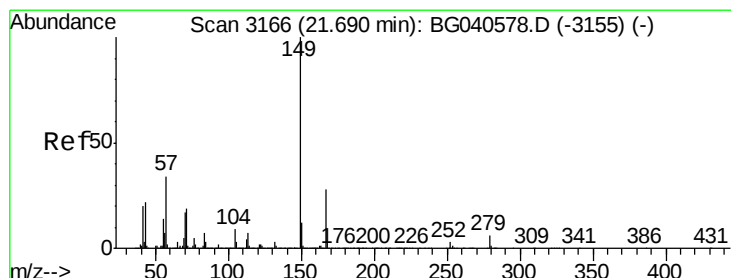
PB119403BSD

Tot Ion:228 Resp: 1057353

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	20.7	16.8	25.2



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.388 ng

RT: 21.66 min Scan# 3161

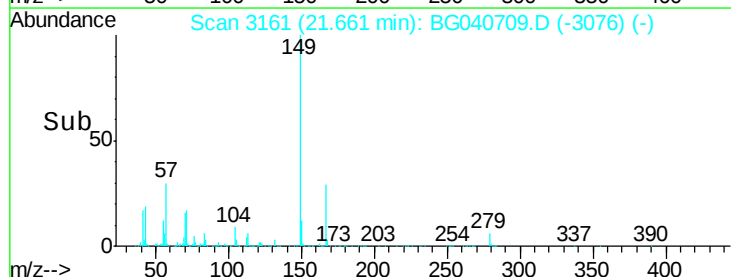
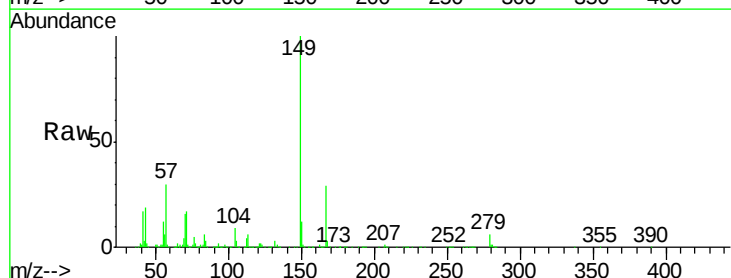
Delta R.T. -0.03 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Tgt Ion:149 Resp: 601089

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.4	33.6
279	6.0	4.6	6.8



Time-->



#85

Di-n-octyl phthalate

Concen: 39.639 ng

RT: 22.92 min Scan# 3375

Delta R.T. -0.05 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

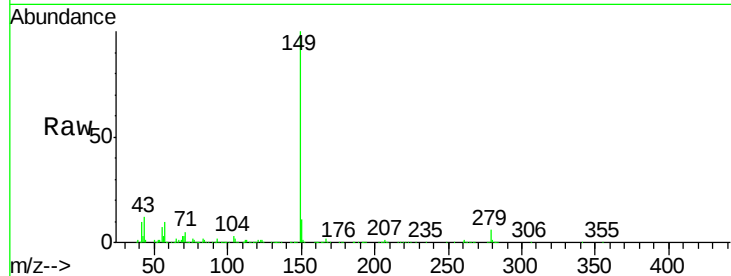
Tot Ion:149 Resp: 1018764

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

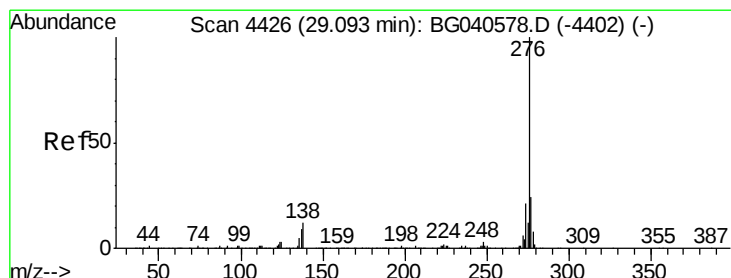
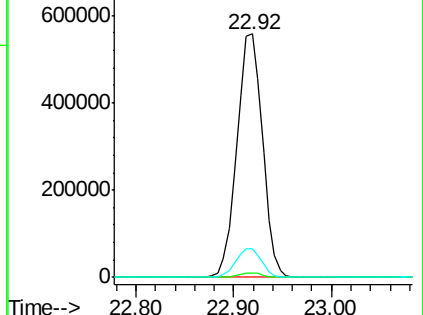
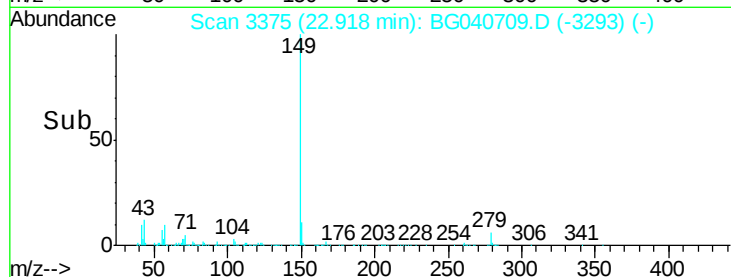
43 11.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.646 ng

RT: 29.02 min Scan# 4414

Delta R.T. -0.07 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

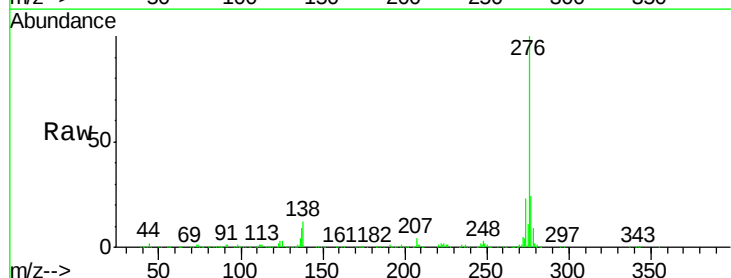
Tgt Ion:276 Resp: 1215455

Ion Ratio Lower Upper

276 100

138 9.4 9.8 14.6#

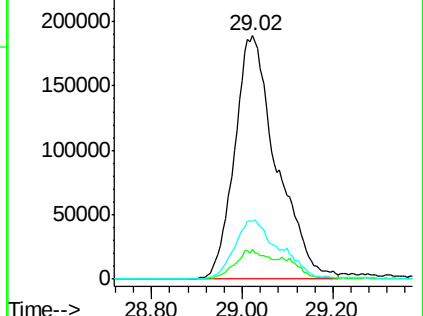
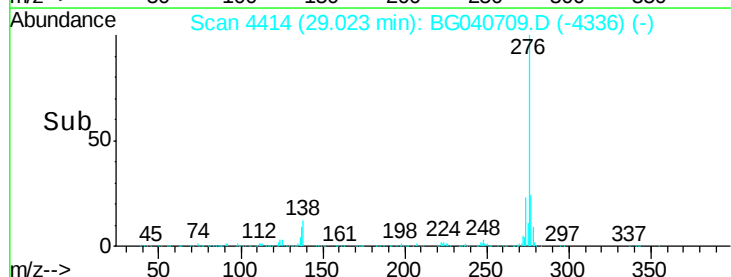
277 26.3 17.3 25.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

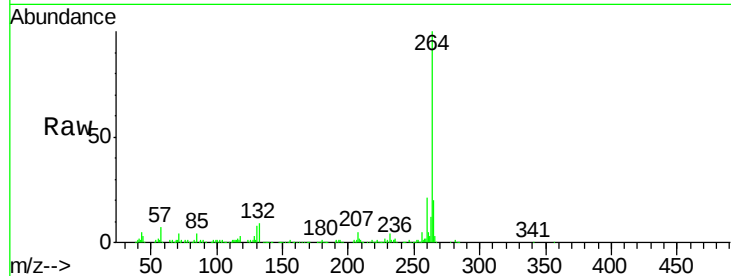
Tot Ion:264 Resp: 381536

Ion Ratio Lower Upper

264 100

260 21.3 19.2 28.8

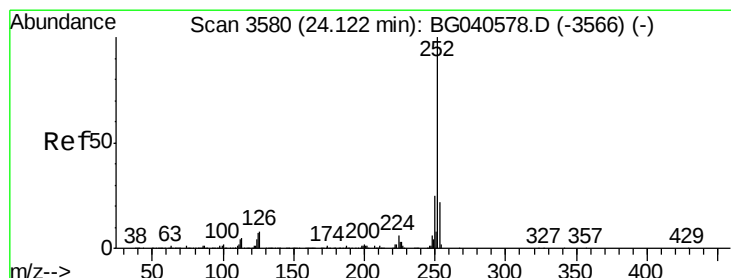
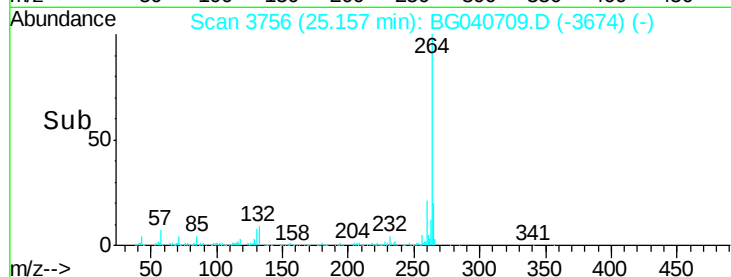
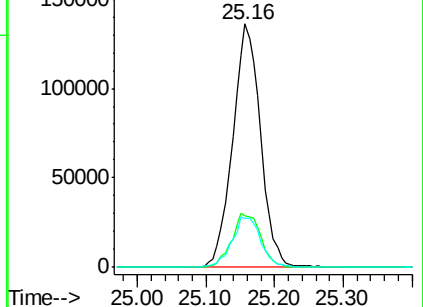
265 20.4 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.639 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.03 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

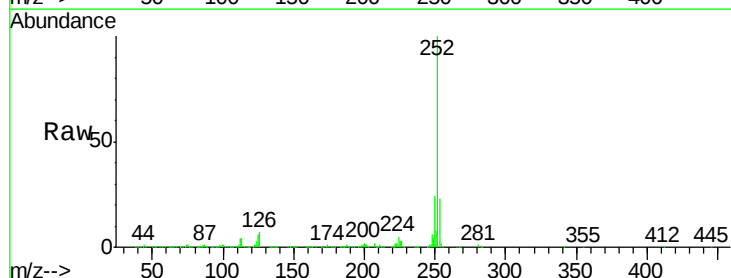
Tgt Ion:252 Resp: 1110714

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

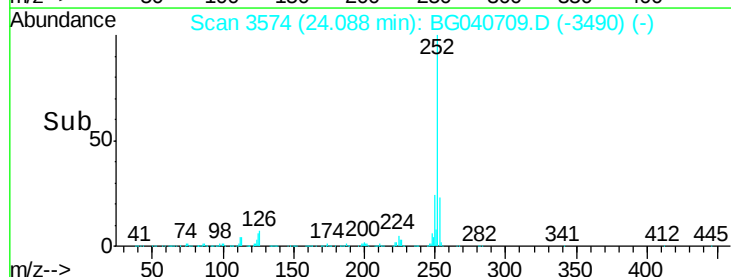
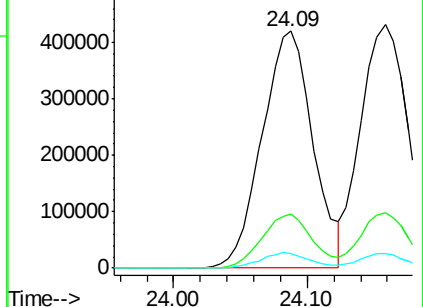
125 6.1 5.4 8.0

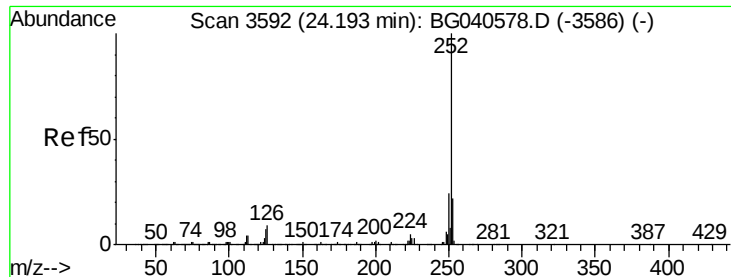


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.670 ng

RT: 24.16 min Scan# 3586

Delta R.T. -0.03 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

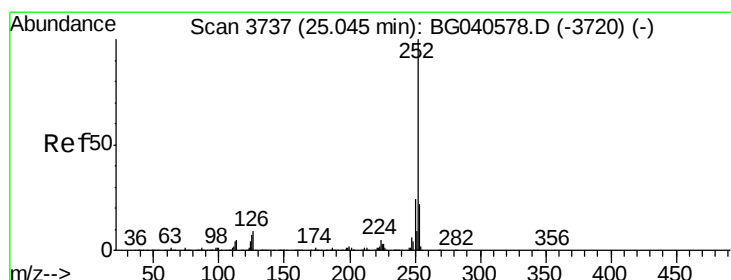
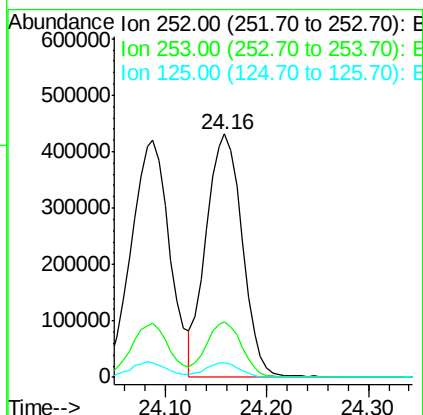
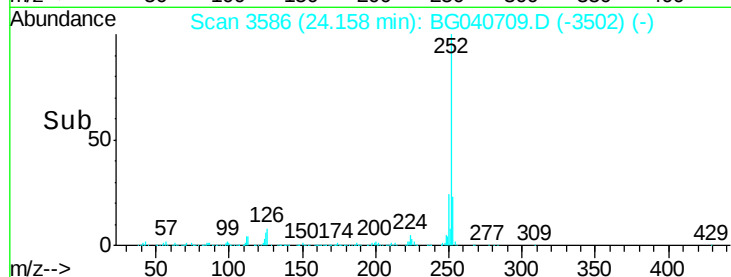
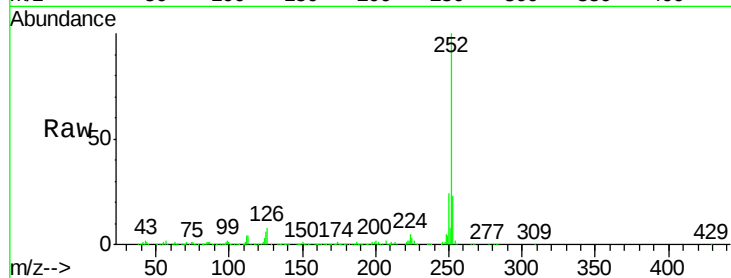
Tot Ion:252 Resp: 1059750

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 5.9 5.5 8.3



#90

Benzo(a)pyrene

Concen: 48.544 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

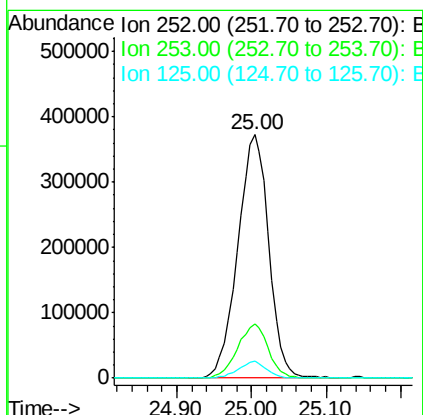
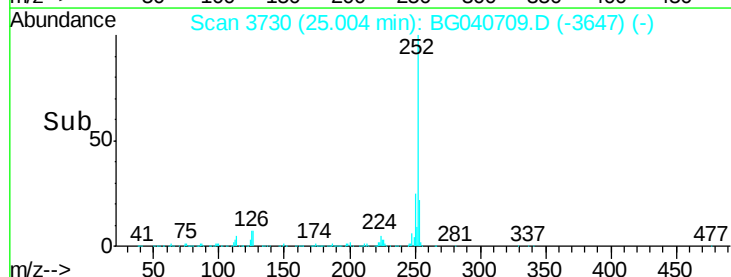
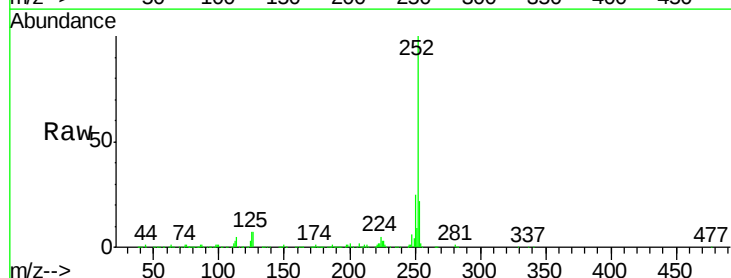
Tgt Ion:252 Resp: 1071344

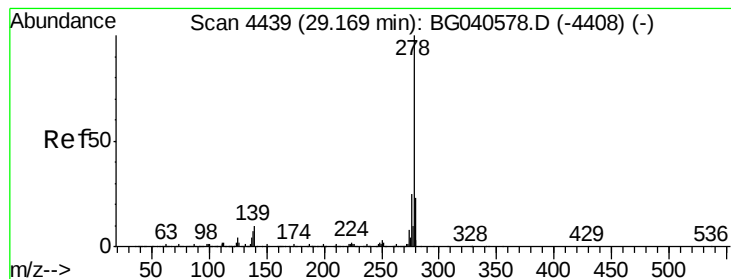
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 7.1 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 45.430 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.08 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

Instrument :

BNA_G

ClientSampleId :

PB119403BSD

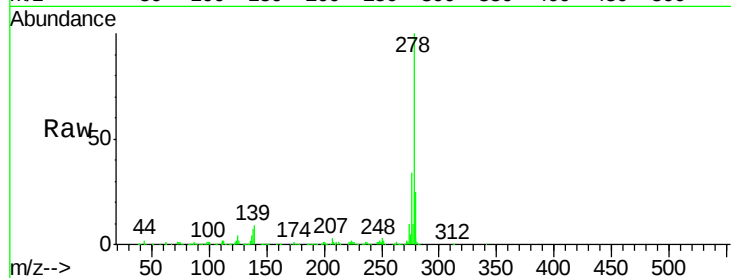
Tot Ion:278 Resp: 1014630

Ion Ratio Lower Upper

278 100

139 9.1 8.2 12.4

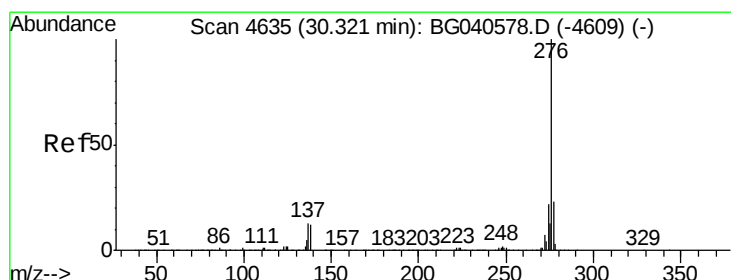
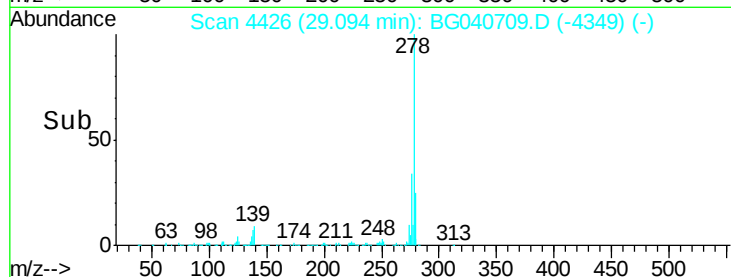
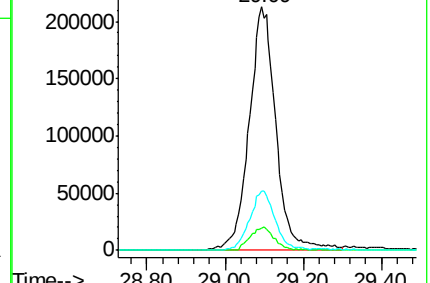
279 24.6 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.836 ng

RT: 30.25 min Scan# 4622

Delta R.T. -0.08 min

Lab File: BG040709.D

Acq: 2 May 2019 16:28

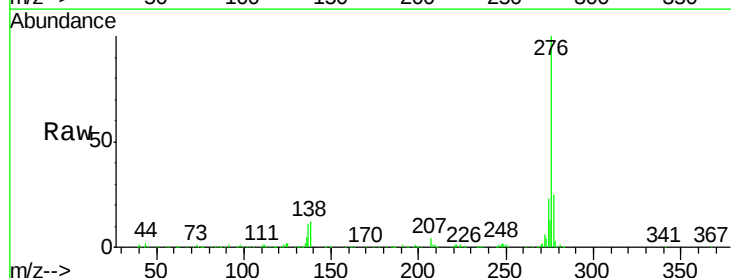
Tgt Ion:276 Resp: 996592

Ion Ratio Lower Upper

276 100

277 24.7 18.4 27.6

138 11.5 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

