

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040846.D
 Acq On : 10 May 2019 11:33
 Operator : HP/JU
 Sample : K2764-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 10 15:16:26 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	8.14	152	58508	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	239158	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	183188	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	444984	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	427455	20.00	ng	-0.02
87) Perylene-d12	25.16	264	469884	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	562079	169.35	ng	0.00
7) Phenol-d6	7.29	99	839494	164.27	ng	0.00
23) Nitrobenzene-d5	9.33	82	588755	113.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	436268	173.26	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	1129414	89.04	ng	-0.02
79) Terphenyl-d14	20.11	244	1716872	88.98	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	61321	40.624	ng	91
3) Pyridine	3.95	79	148803	34.010	ng	97
4) n-Nitrosodimethylamine	3.87	42	112197	46.232	ng	# 95
6) Aniline	7.47	93	125644	18.549	ng	100
8) 2-Chlorophenol	7.71	128	219302	54.112	ng	96
9) Benzaldehyde	7.28	77	125296	41.223	ng	96
10) Phenol	7.32	94	301988	54.972	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	205235	49.821	ng	98
12) 1,3-Dichlorobenzene	8.03	146	230789	52.173	ng	97
13) 1,4-Dichlorobenzene	8.18	146	234934	52.391	ng	99
14) 1,2-Dichlorobenzene	8.50	146	229707	53.116	ng	93
15) Benzyl Alcohol	8.38	79	260546	48.998	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	339303	41.370	ng	96
17) 2-Methylphenol	8.57	107	213291	54.863	ng	95
18) Hexachloroethane	9.23	117	91373	49.673	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	205115	44.587	ng	93
20) 3+4-Methylphenols	8.90	107	292573	54.022	ng	98
22) Acetophenone	8.97	105	372589	56.025	ng	# 94
24) Nitrobenzene	9.37	77	315025	57.045	ng	95
25) Isophorone	9.88	82	580013	50.308	ng	97
26) 2-Nitrophenol	10.07	139	138035	69.731	ng	97
27) 2,4-Dimethylphenol	10.12	122	238151	64.120	ng	98
28) bis(2-Chloroethoxy)methane	10.36	93	298862	51.666	ng	99
29) 2,4-Dichlorophenol	10.61	162	273773	64.837	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	288033	61.513	ng	99
31) Naphthalene	11.02	128	726374	57.169	ng	98
32) Benzoic acid	10.27	122	158450	62.318	ng	96
33) 4-Chloroaniline	11.12	127	53872	9.563	ng	94
34) Hexachlorobutadiene	11.28	225	208217	60.232	ng	99
35) Caprolactam	11.92	113	58233	34.931	ng	# 83
36) 4-Chloro-3-methylphenol	12.23	107	321398	60.337	ng	99
37) 2-Methylnaphthalene	12.61	142	554252	58.344	ng	100
38) 1-Methylnaphthalene	12.83	142	527519	56.811	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	397047	58.182	ng	98

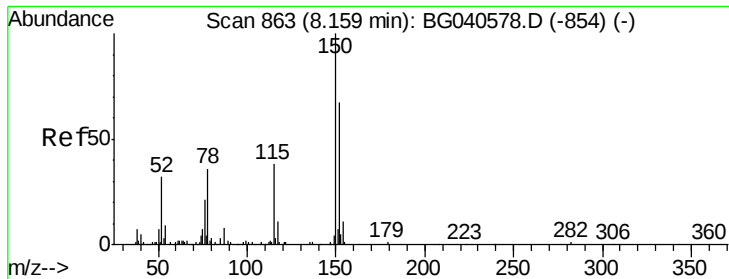
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	329101	81.727	nq	98
43) 2,4,6-Trichlorophenol	13.20	196	268988	65.226	nq	98
44) 2,4,5-Trichlorophenol	13.28	196	290063	64.567	nq	95
46) 1,1'-Biphenyl	13.61	154	730590	51.367	nq	96
47) 2-Chloronaphthalene	13.66	162	617610	55.487	nq	98
48) 2-Nitroaniline	13.86	65	242585	61.226	nq	95
49) Acenaphthylene	14.50	152	991563	52.507	nq	98
50) Dimethylphthalate	14.23	163	930607	60.717	nq	99
51) 2,6-Dinitrotoluene	14.36	165	186691	62.410	nq	86
52) Acenaphthene	14.84	154	572591	52.065	nq	97
53) 3-Nitroaniline	14.69	138	94665	30.886	nq	# 85
54) 2,4-Dinitrophenol	14.88	184	180935	104.857	nq	91
55) Dibenzofuran	15.17	168	965967	53.625	nq	99
56) 4-Nitrophenol	14.98	139	293470	110.423	nq	91
57) 2,4-Dinitrotoluene	15.14	165	263761	64.890	nq	91
58) Fluorene	15.82	166	772885	53.085	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	299653	66.270	nq	95
60) Diethylphthalate	15.57	149	831055	51.391	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	479152	56.585	nq	97
62) 4-Nitroaniline	15.85	138	179238	52.278	nq	89
63) Azobenzene	16.10	77	792548	47.589	nq	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	139725	61.400	nq	88
66) n-Nitrosodiphenylamine	16.02	169	708084	54.086	nq	99
67) 4-Bromophenyl-phenylether	16.70	248	319769	57.680	nq	93
68) Hexachlorobenzene	16.81	284	322689	56.292	nq	97
69) Atrazine	16.96	200	303049	58.425	nq	99
70) Pentachlorophenol	17.16	266	427681	127.498	nq	97
71) Phenanthrene	17.56	178	1427778	59.570	nq	96
72) Anthracene	17.65	178	1300496	53.981	nq	97
73) Carbazole	17.92	167	1126407	51.318	nq	98
74) Di-n-butylphthalate	18.46	149	1269789	47.930	nq	99
75) Fluoranthene	19.56	202	1800442	60.280	nq	96
77) Benzidine	19.74	184	160904	13.748	nq	98
78) Pyrene	19.56	202	1800442	67.203	nq	94
80) Butylbenzylphthalate	20.79	149	589865	56.490	nq	95
81) Benzo(a)anthracene	21.78	228	1715813	63.512	nq	94
82) 3,3'-Dichlorobenzidine	21.69	252	266577	27.685	nq	98
83) Chrysene	21.85	228	1734119	67.495	nq	95
84) Bis(2-ethylhexyl)phthalate	21.65	149	833537	55.300	nq	96
85) Di-n-octyl phthalate	22.91	149	1421319	55.991	nq	98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1949501	62.759	nq	# 90
88) Benzo(b)fluoranthene	24.09	252	1816015	63.245	nq	96
89) Benzo(k)fluoranthene	24.09	252	1816015	67.721	nq	96
90) Benzo(a)pyrene	25.01	252	1706071	62.769	nq	99
91) Dibenzo(a,h)anthracene	29.11	278	1482104	53.884	nq	96
92) Benzo(g,h,i)perylene	30.26	276	1642640	60.007	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

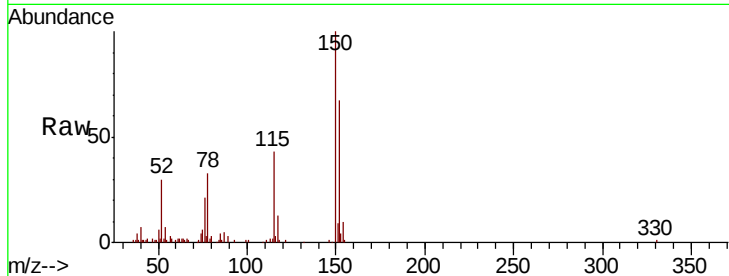
Tot Ion:152 Resp: 58508

Ion Ratio Lower Upper

152 100

150 148.7 120.2 180.2

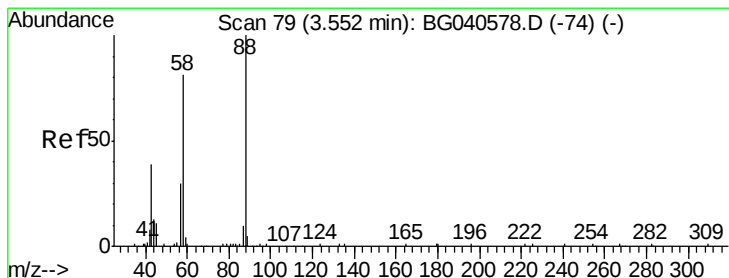
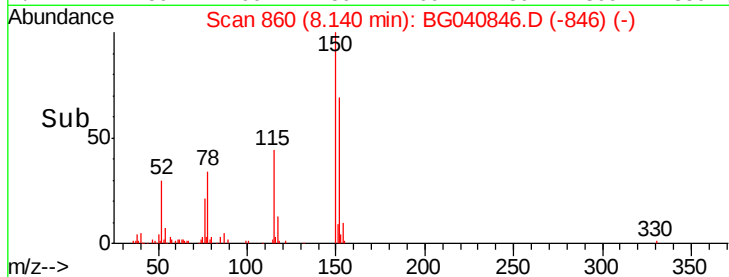
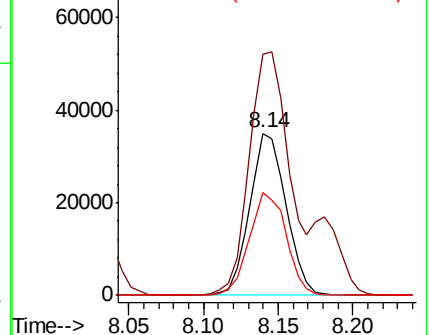
115 63.7 46.2 69.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.624 ng

RT: 3.54 min Scan# 77

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

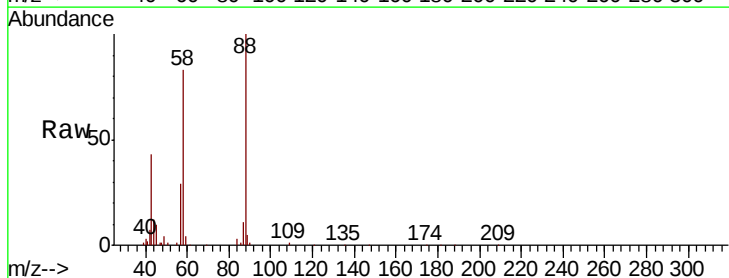
Tgt Ion: 88 Resp: 61321

Ion Ratio Lower Upper

88 100

58 80.9 71.2 106.8

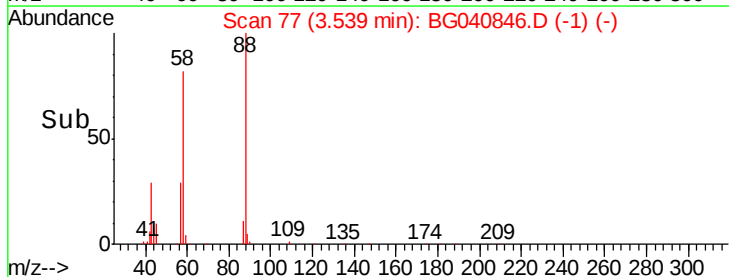
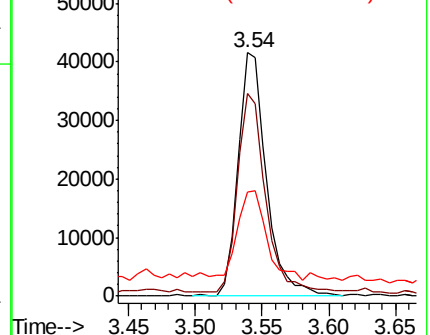
43 38.6 35.6 53.4

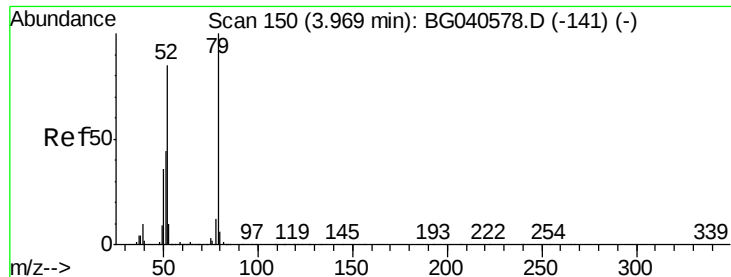


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.010 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

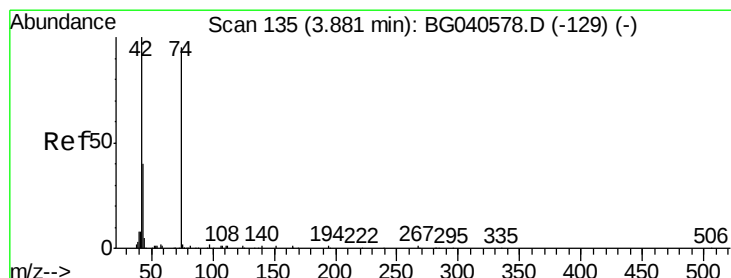
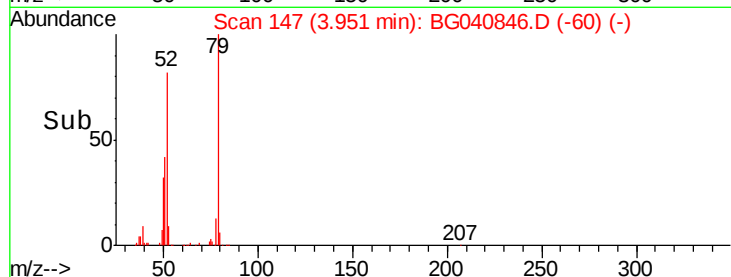
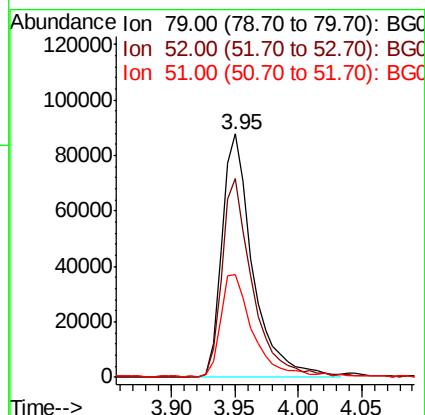
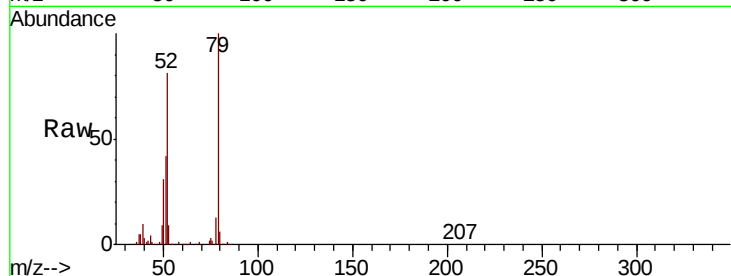
Tot Ion: 79 Resp: 148803

Ion Ratio Lower Upper

79 100

52 81.4 67.5 101.3

51 42.3 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 46.232 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

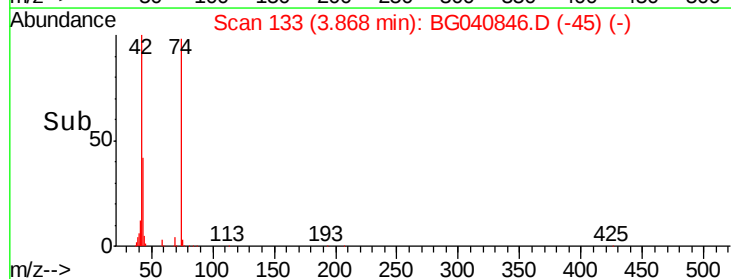
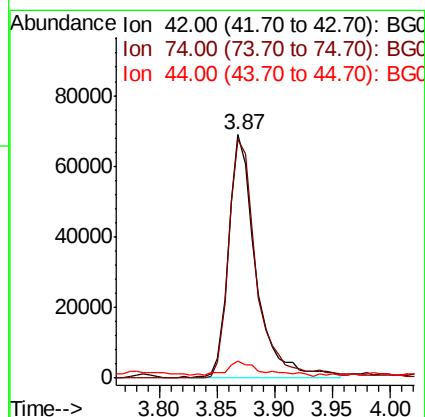
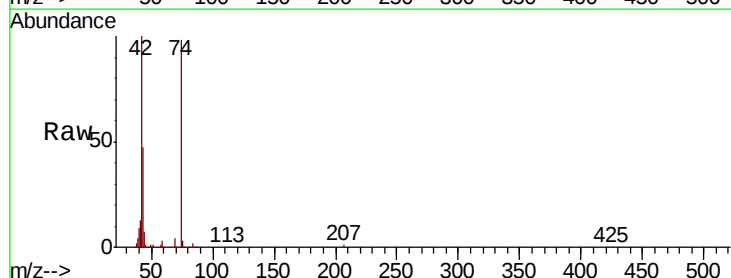
Tgt Ion: 42 Resp: 112197

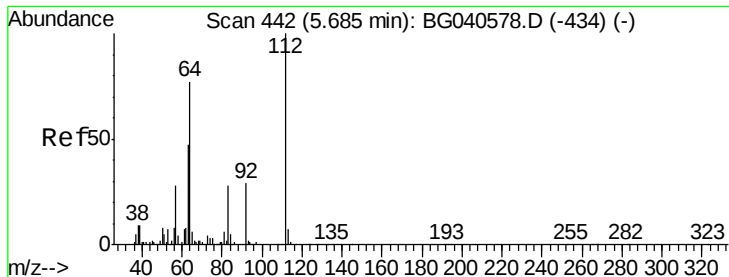
Ion Ratio Lower Upper

42 100

74 98.2 74.6 111.8

44 7.0 7.4 11.0#





#5

2-Fluorophenol

Concen: 169.347 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG040846.D

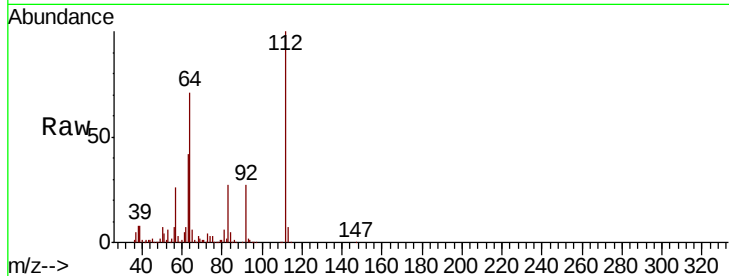
Acq: 10 May 2019 11:33

Instrument :

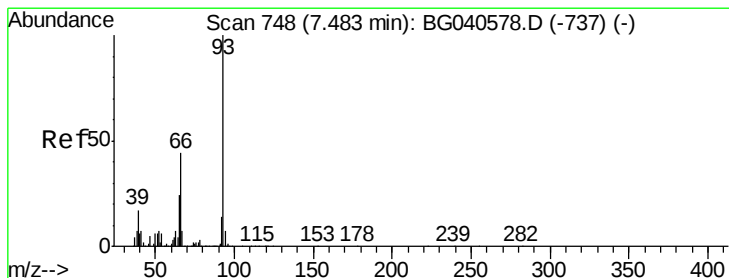
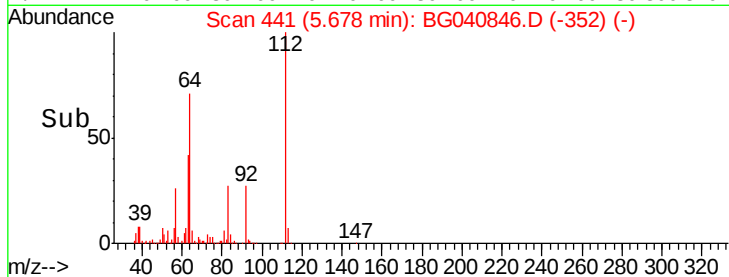
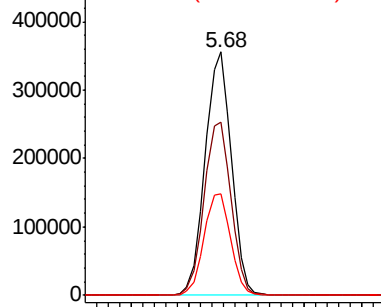
BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	562079
Ion	Ratio	Lower	Upper
112	100		
64	71.1	61.4	92.0
63	41.9	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: 18.549 ng

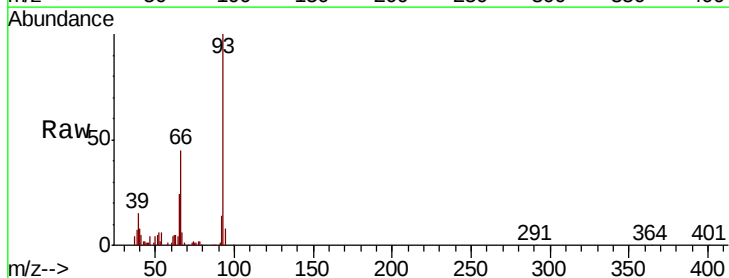
RT: 7.47 min Scan# 746

Delta R.T. -0.01 min

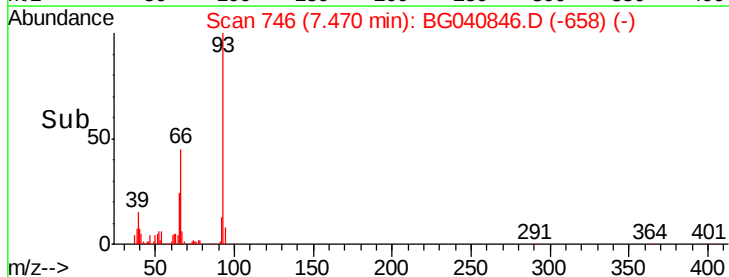
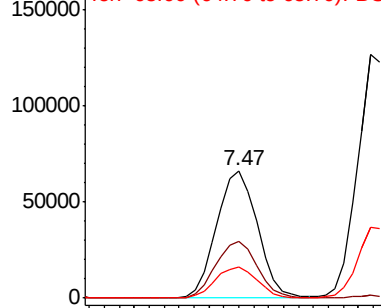
Lab File: BG040846.D

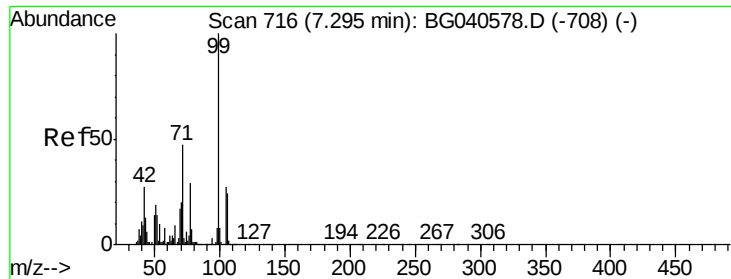
Acq: 10 May 2019 11:33

Tgt Ion:	93	Resp:	125644
Ion	Ratio	Lower	Upper
93	100		
66	44.6	35.5	53.3
65	24.3	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: 164.269 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

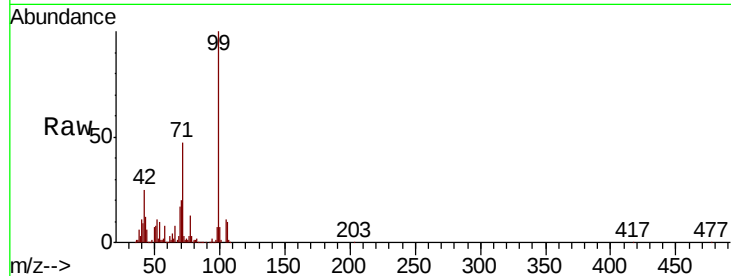
Tot Ion: 99 Resp: 839494

Ion Ratio Lower Upper

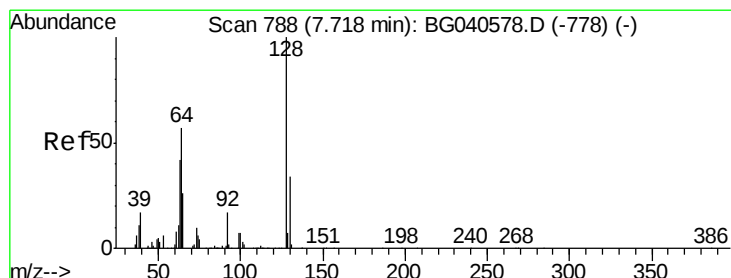
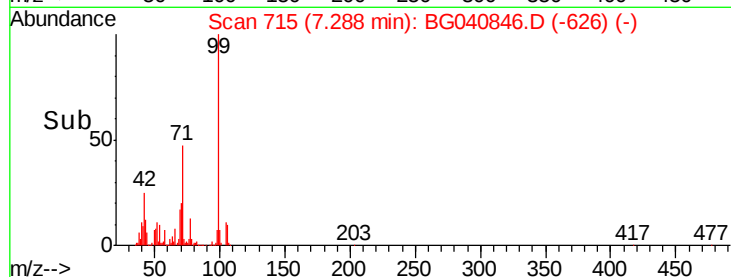
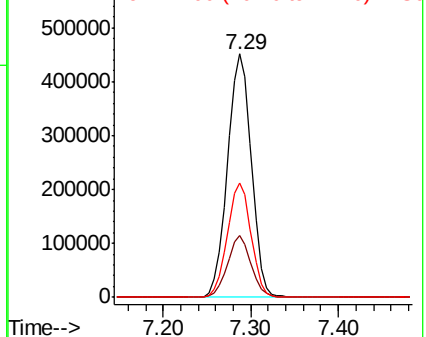
99 100

42 25.4 21.8 32.8

71 46.8 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: 54.112 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

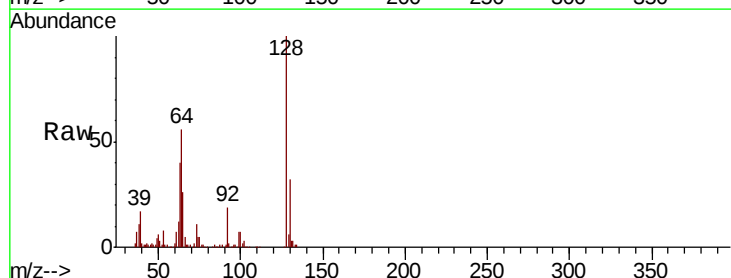
Tgt Ion: 128 Resp: 219302

Ion Ratio Lower Upper

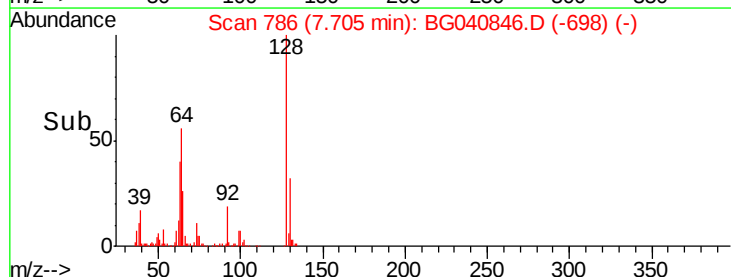
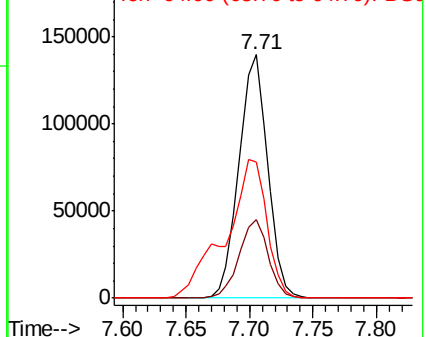
128 100

130 32.0 14.5 54.5

64 56.0 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: 41.223 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

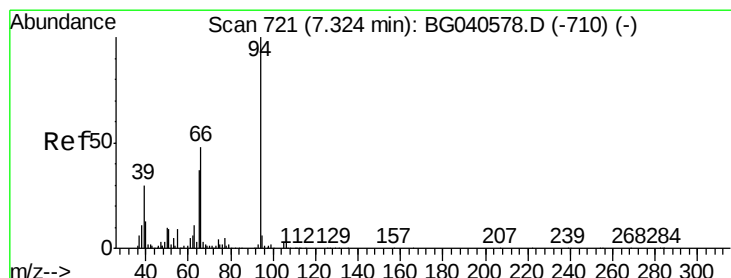
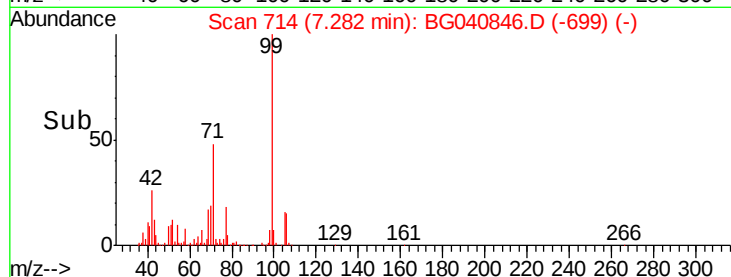
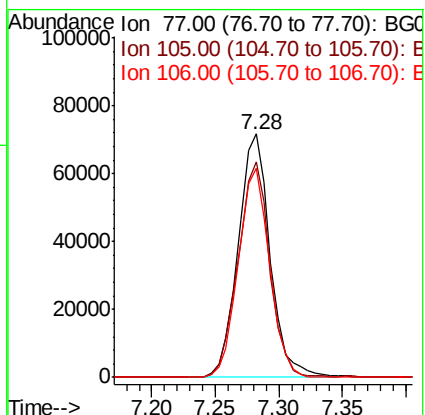
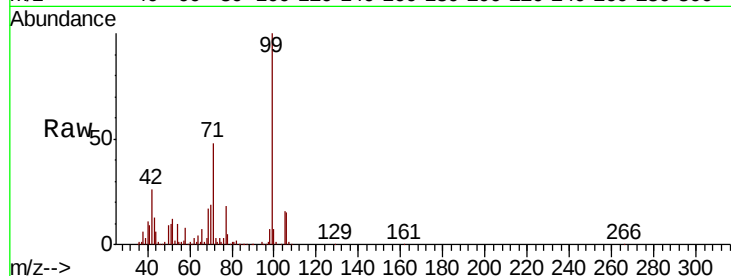
Tot Ion: 77 Resp: 125296

Ion Ratio Lower Upper

77 100

105 88.3 72.0 112.0

106 85.7 61.2 101.2



#10

Phenol

Concen: 54.972 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

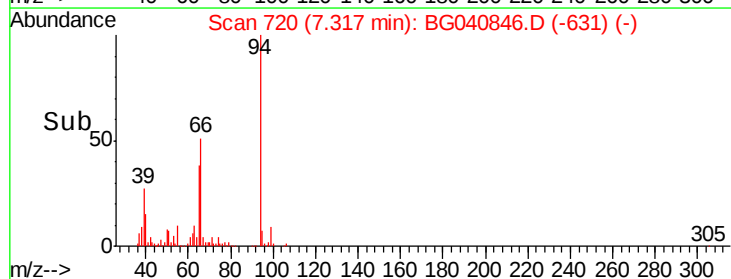
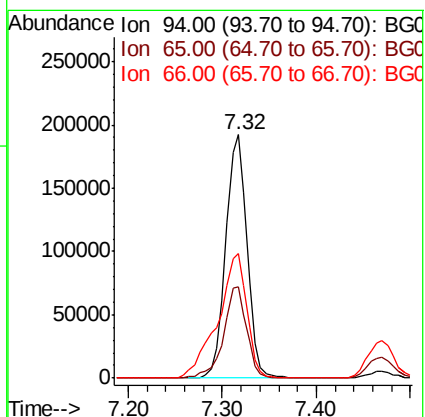
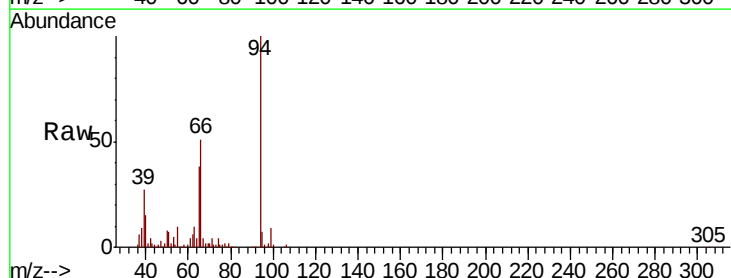
Tgt Ion: 94 Resp: 301988

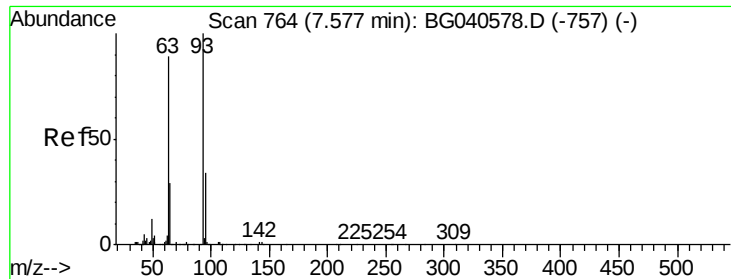
Ion Ratio Lower Upper

94 100

65 37.8 17.0 57.0

66 51.1 28.6 68.6

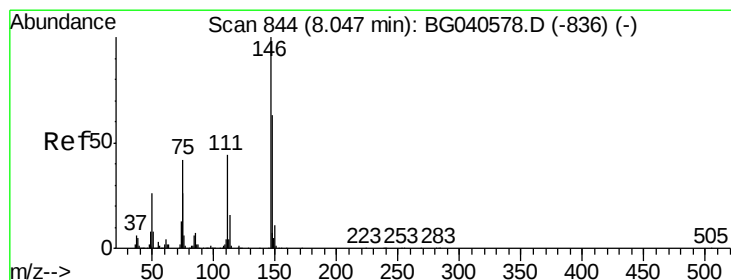
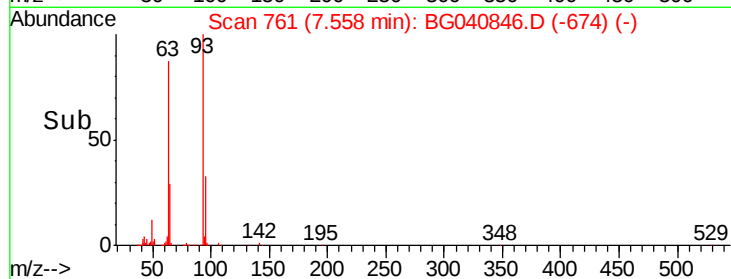
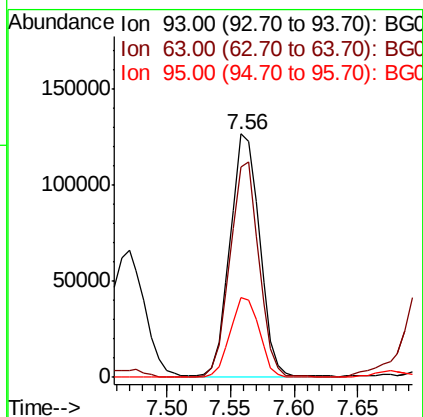
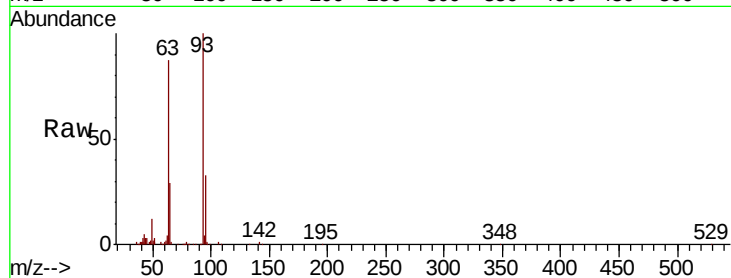




#11
bis(2-Chloroethyl)ether
Concen: 49.821 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

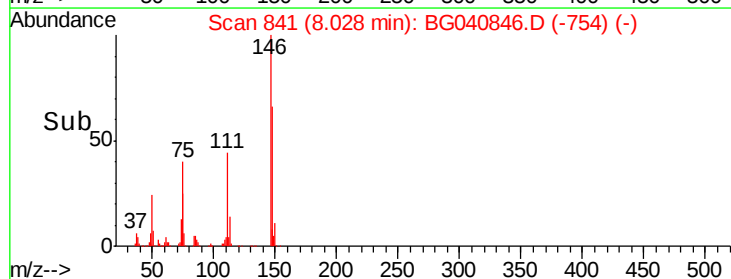
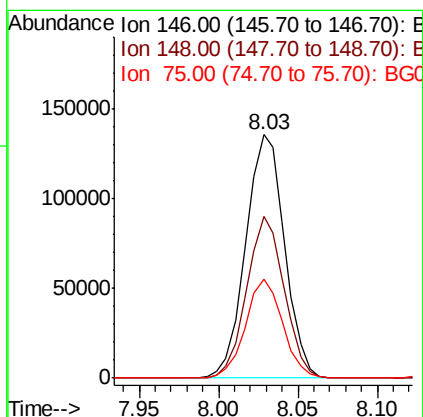
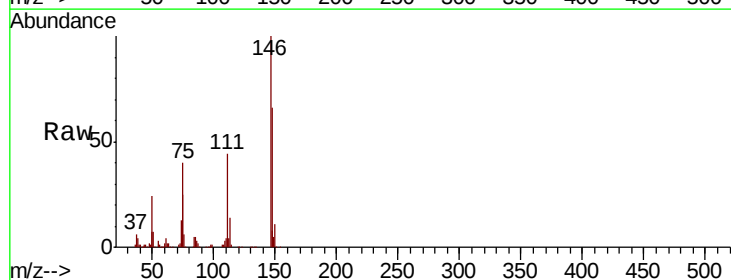
Instrument :
BNA_G
ClientSampleId :

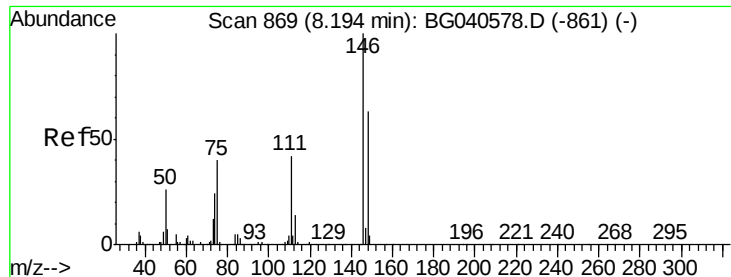
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.5	68.2	108.2
95	32.7	14.3	54.3



#12
1,3-Dichlorobenzene
Concen: 52.173 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	50.7	76.1
75	40.4	33.4	50.2

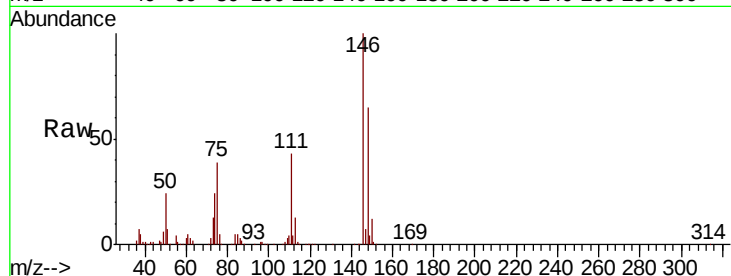




#13
 1,4-Dichlorobenzene
 Concen: 52.391 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.6	75.8
111	42.8	34.3	51.5

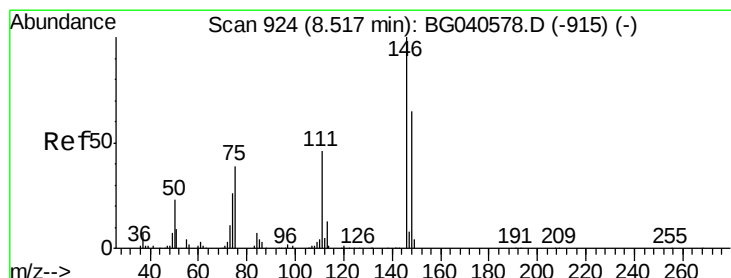
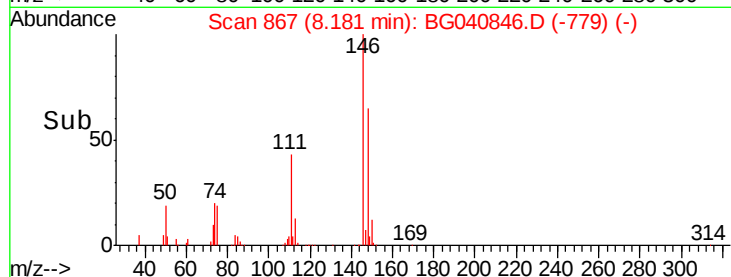
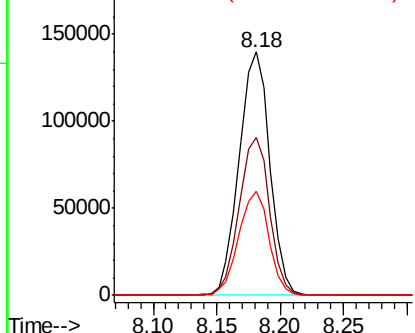


Abundance

Ion 146.00 (145.70 to 146.70): E

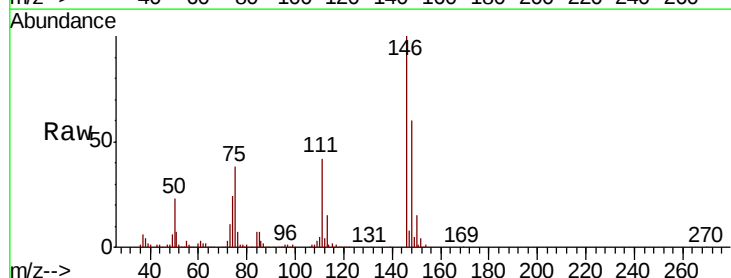
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 53.116 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.3	52.2	78.4
111	41.9	37.4	56.0

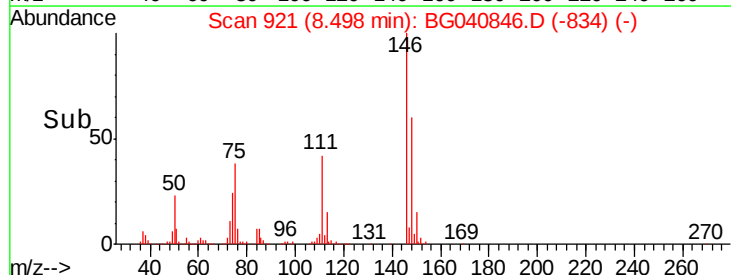
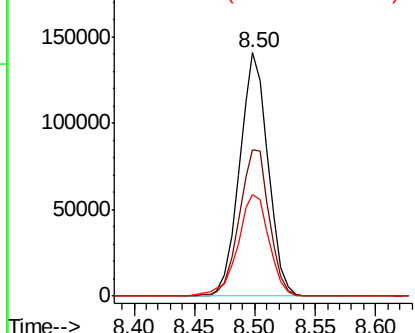


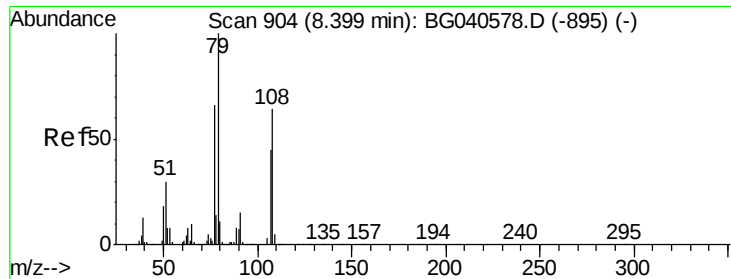
Abundance

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: 48.998 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

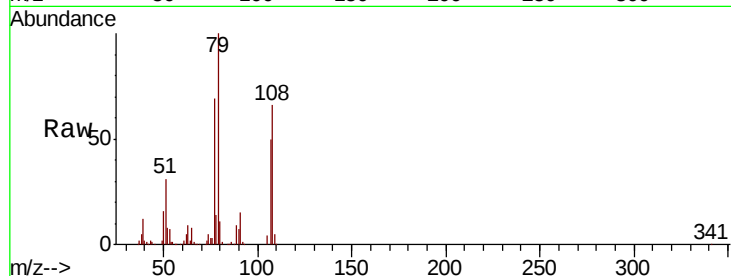
Tot Ion: 79 Resp: 260546

Ion Ratio Lower Upper

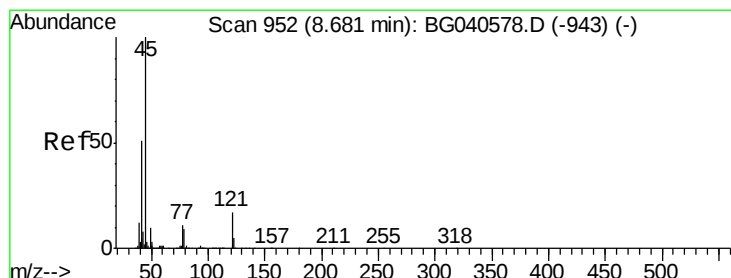
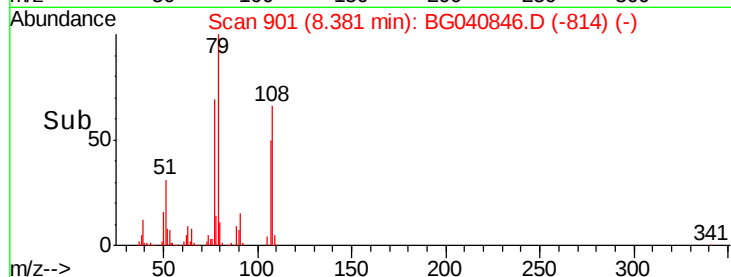
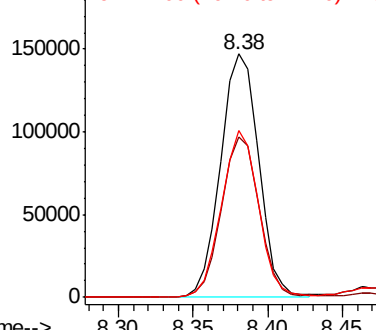
79 100

108 66.1 51.4 77.0

77 68.5 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
200000
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: 41.370 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

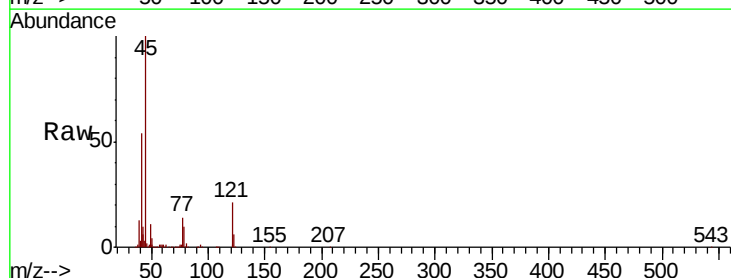
Tgt Ion: 45 Resp: 339303

Ion Ratio Lower Upper

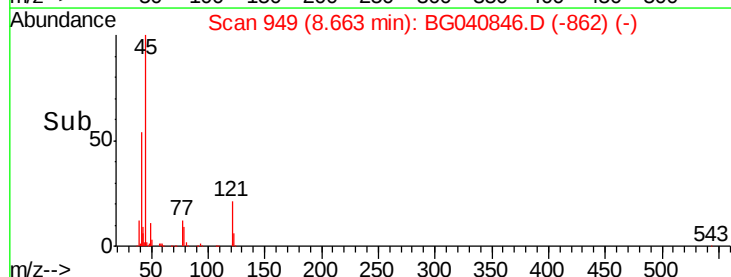
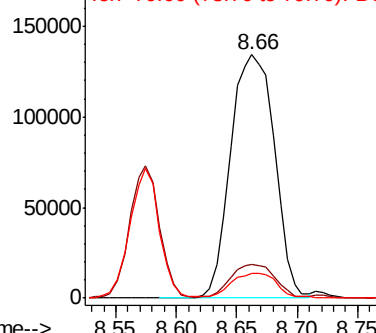
45 100

77 13.8 0.0 31.5

79 9.9 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
150000
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 54.863 ng

RT: 8.57 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 213291

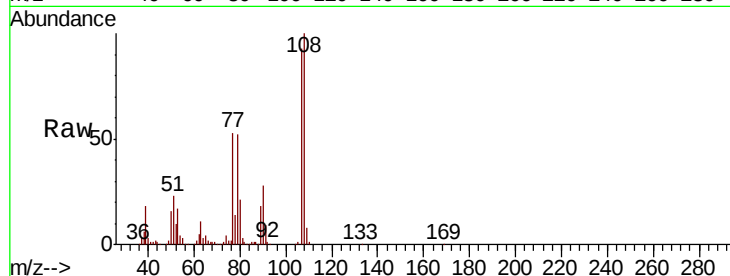
Ion Ratio Lower Upper

107 100

108 108.1 81.2 121.8

77 57.6 44.4 66.6

79 56.7 47.0 70.4

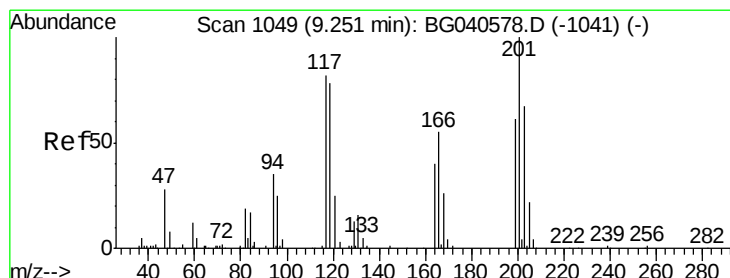
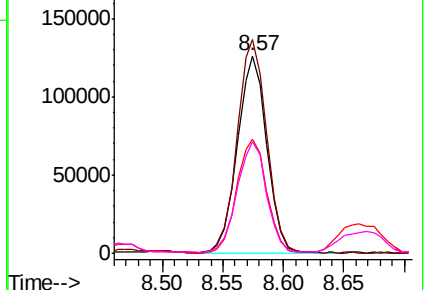
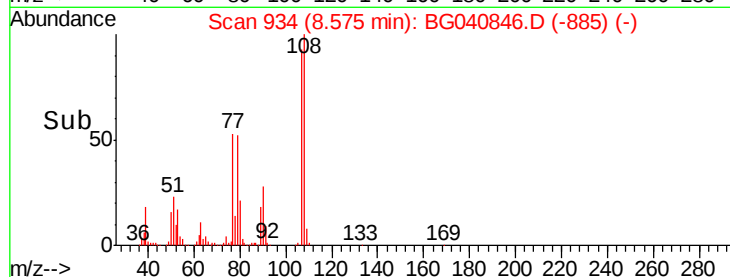


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.673 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

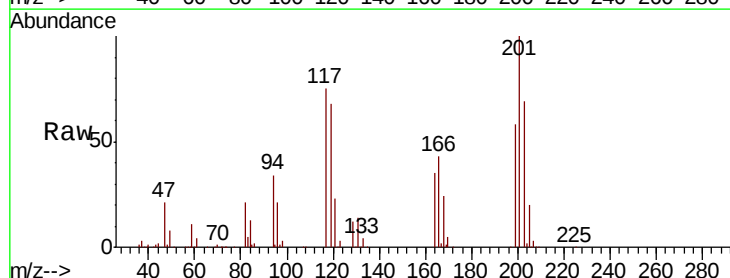
Tgt Ion:117 Resp: 91373

Ion Ratio Lower Upper

117 100

119 91.1 76.6 114.8

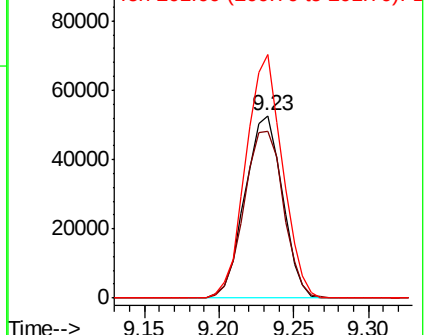
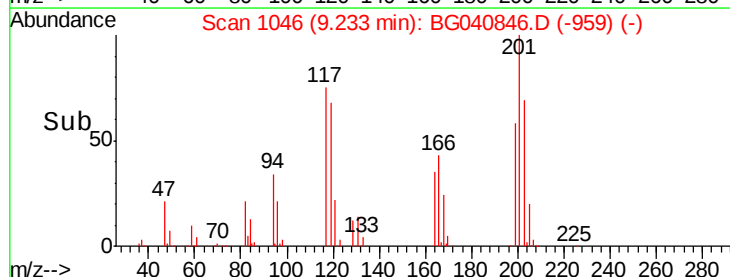
201 133.3 101.0 151.6

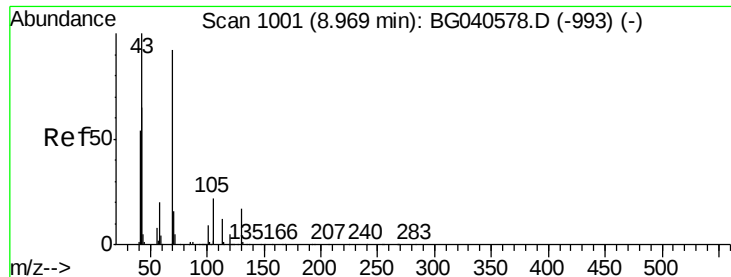


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

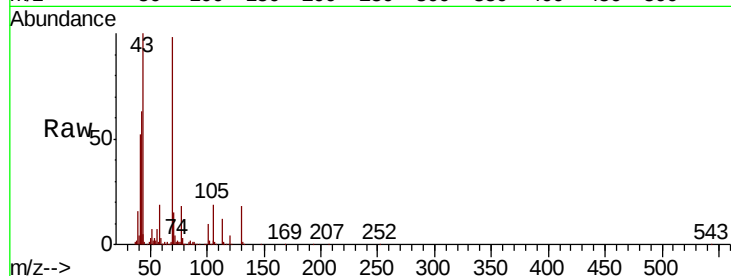




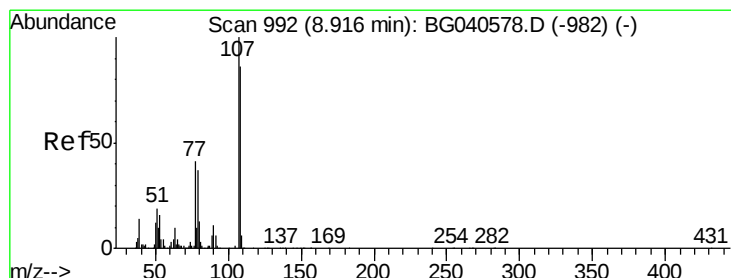
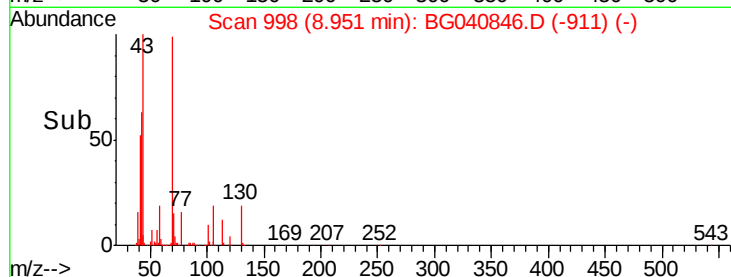
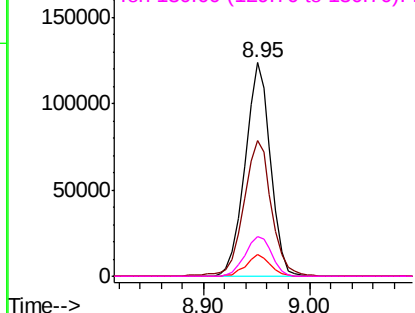
#19
n-Nitroso-di-n-propylamine
Concen: 44.587 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	205115
Ion	Ratio	Lower	Upper
70	100		
42	63.8	57.1	85.7
101	10.2	7.8	11.8
130	18.8	14.6	21.8

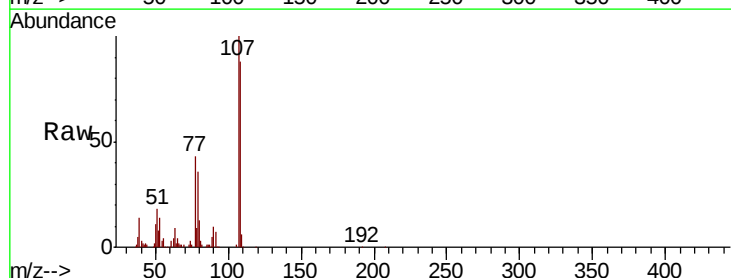


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

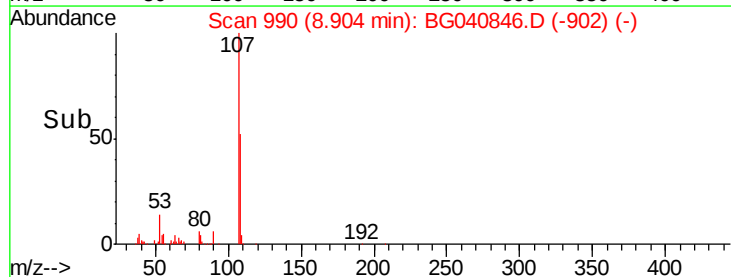
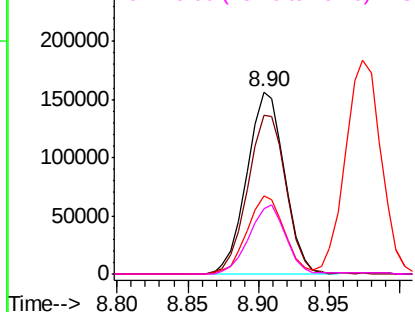


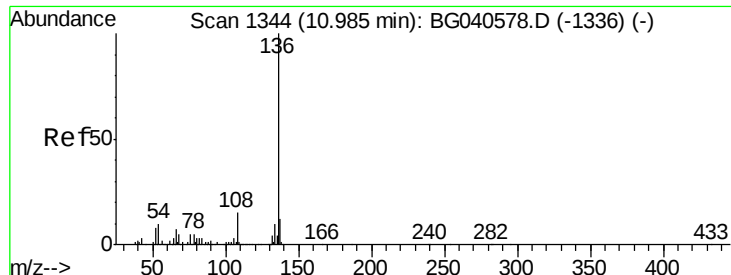
#20
3+4-Methylphenols
Concen: 54.022 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion:	107	Resp:	292573
Ion	Ratio	Lower	Upper
107	100		
108	87.6	66.1	106.1
77	42.9	21.6	61.6
79	36.1	17.4	57.4



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

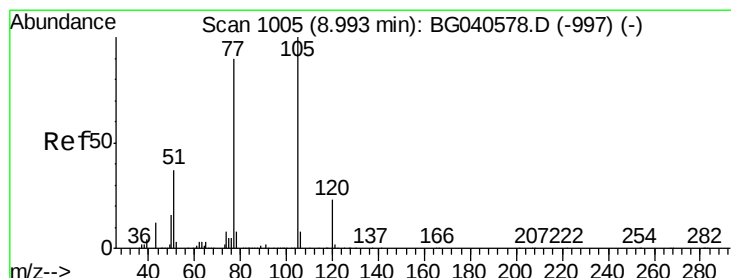
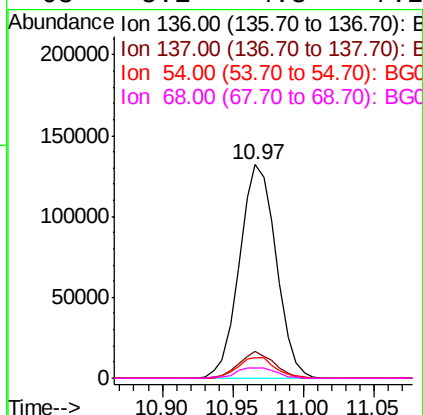
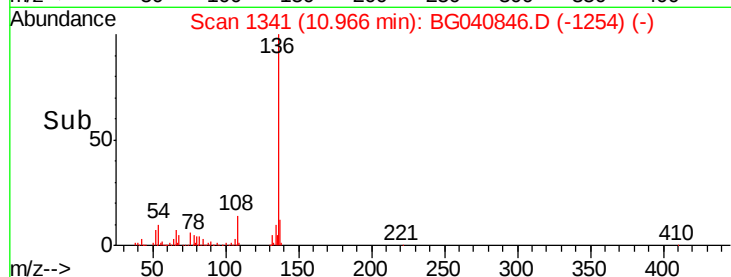
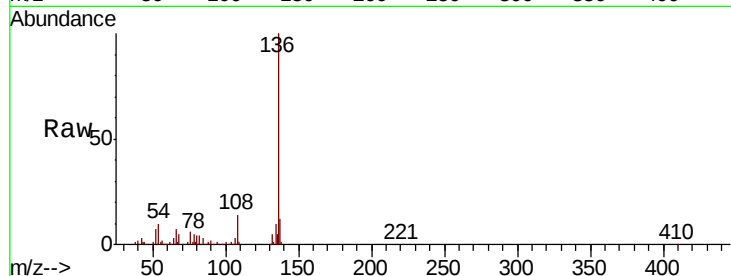




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

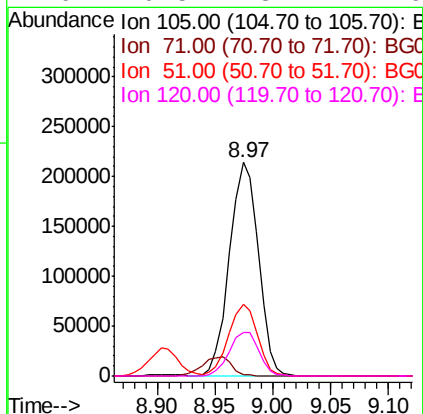
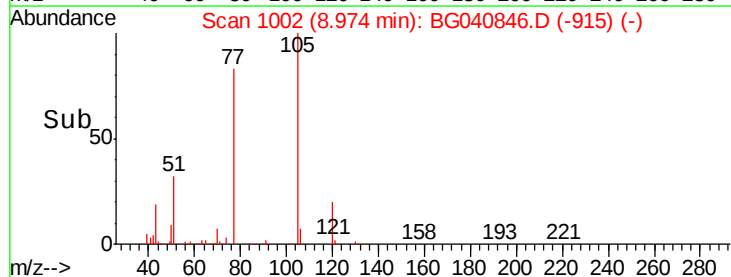
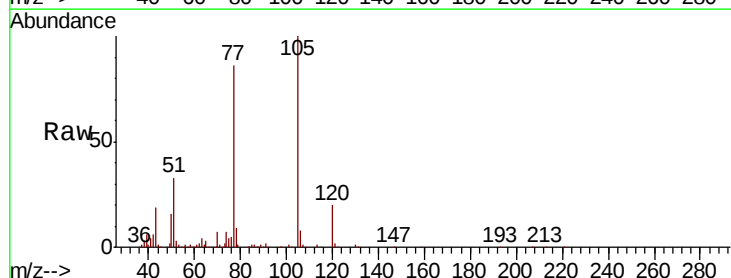
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	239158	
Ion Ratio	Lower	Upper	
136 100			
137 12.3	9.7	14.5	
54 9.6	8.6	12.8	
68 5.1	4.8	7.2	



#22
Acetophenone
Concen: 56.025 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt	Ion:105	Resp:	372589
Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.8	2.8#
51	33.5	29.8	44.8
120	20.5	18.4	27.6

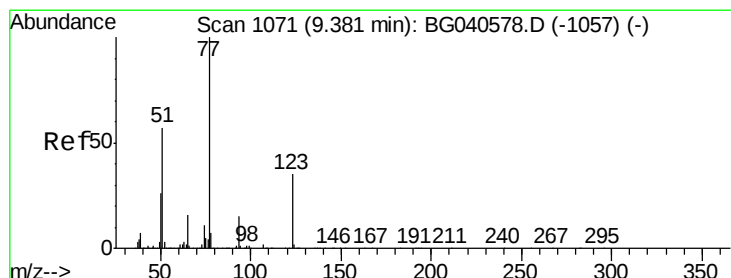
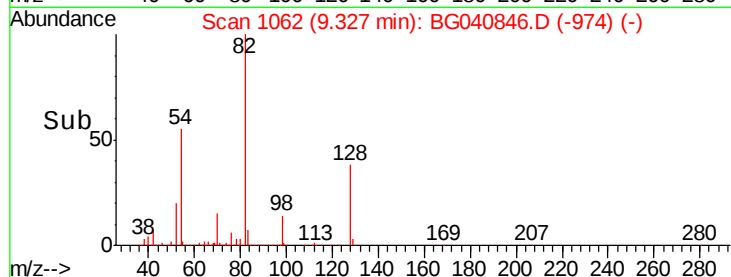
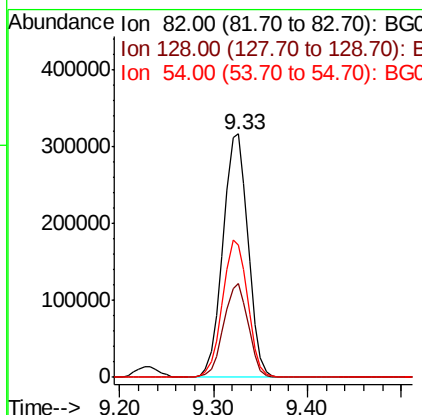
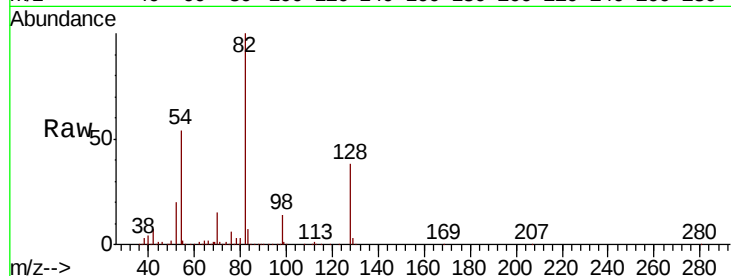




#23
 Nitrobenzene-d5
 Concen: 113.750 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

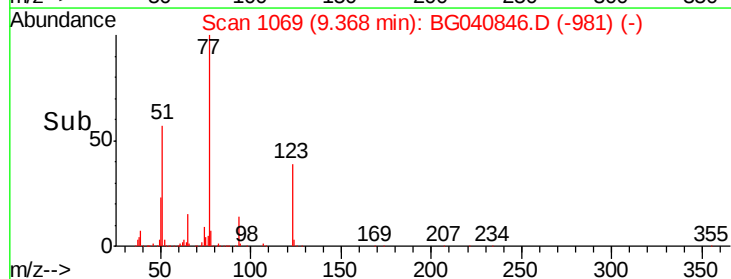
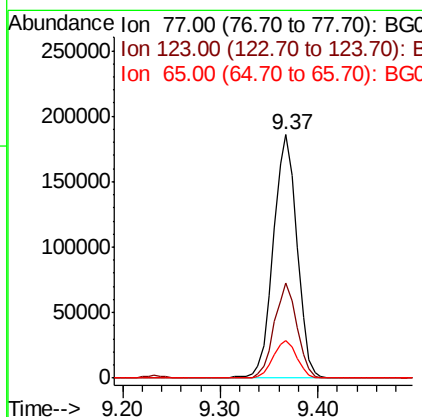
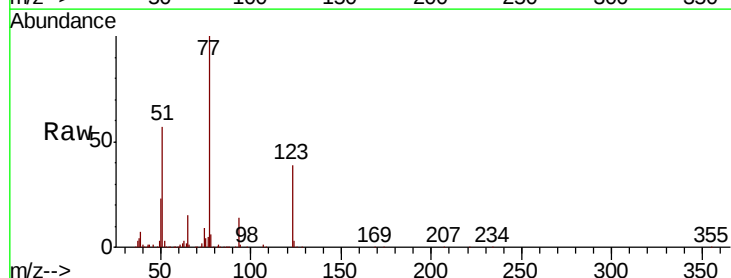
Instrument :
 BNA_G
 ClientSampleId :

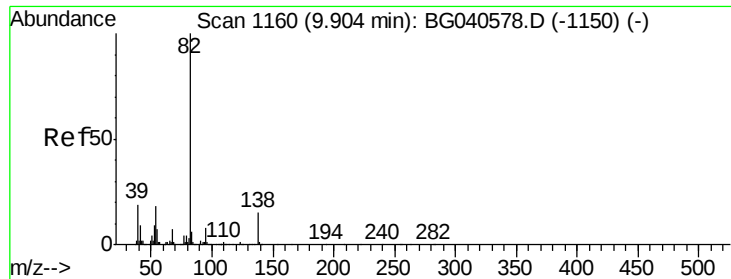
Tot Ion	82	Resp	588755
Ion Ratio	Lower	Upper	
82	100		
128	38.4	28.9	43.3
54	54.4	47.2	70.8



#24
 Nitrobenzene
 Concen: 57.045 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	77	Resp	315025
Ion Ratio	Lower	Upper	
77	100		
123	39.0	27.8	41.6
65	15.3	12.4	18.6





#25

Isophorone

Concen: 50.308 ng

RT: 9.88 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

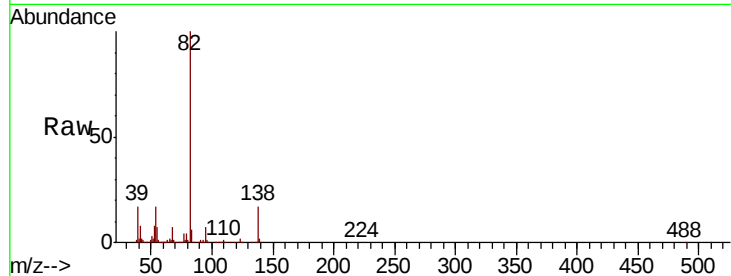
Tot Ion: 82 Resp: 580013

Ion Ratio Lower Upper

82 100

95 7.5 6.9 10.3

138 16.9 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BG040578.D (-1150) (-)

Ion 95.00 (94.70 to 95.70): BG040578.D (-1150) (-)

Ion 138.00 (137.70 to 138.70): BG040578.D (-1150) (-)

9.88

300000

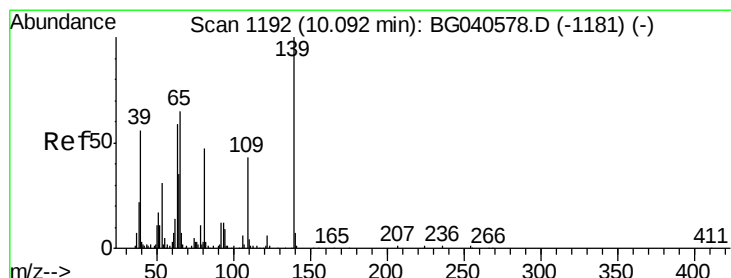
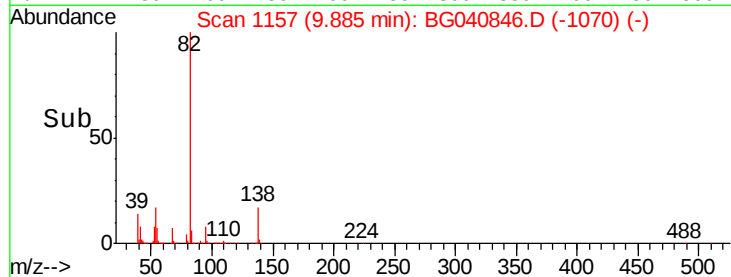
200000

100000

0

9.80 9.90 10.00

Time-->



#26

2-Nitrophenol

Concen: 69.731 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

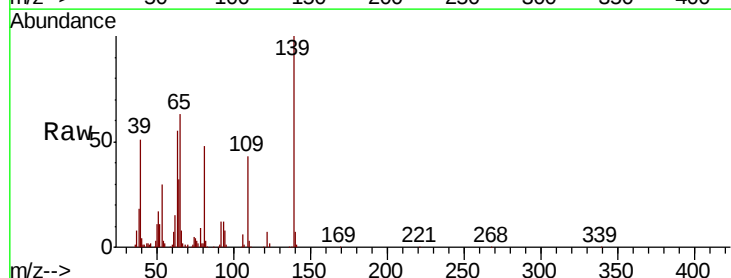
Tgt Ion: 139 Resp: 138035

Ion Ratio Lower Upper

139 100

109 43.1 35.6 53.4

65 63.1 52.3 78.5



Abundance Ion 139.00 (138.70 to 139.70): BG040578.D (-1181) (-)

Ion 109.00 (108.70 to 109.70): BG040578.D (-1181) (-)

Ion 65.00 (64.70 to 65.70): BG040578.D (-1181) (-)

10.07

100000

80000

60000

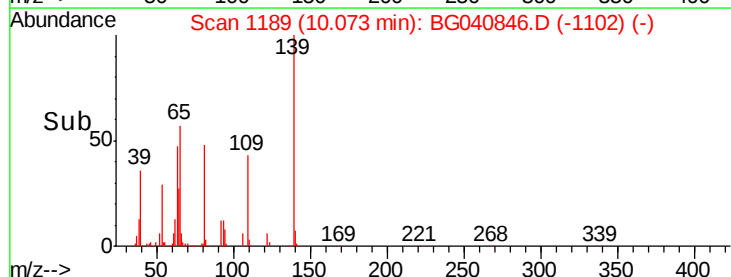
40000

20000

0

10.00 10.10

Time-->

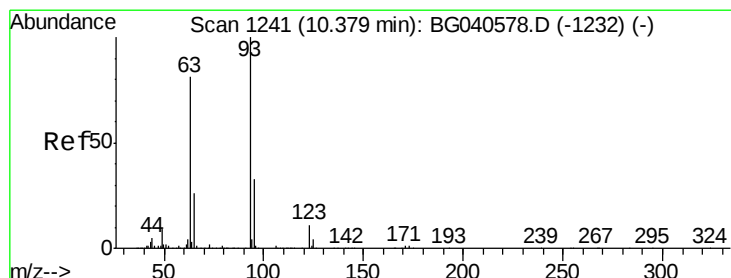
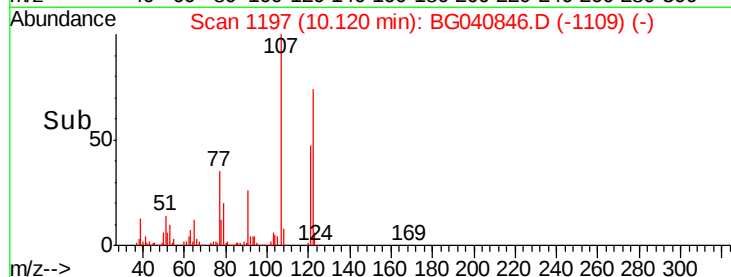
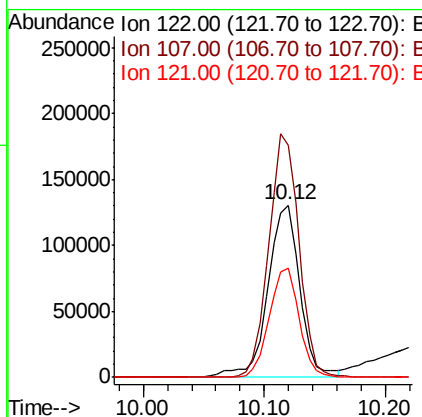
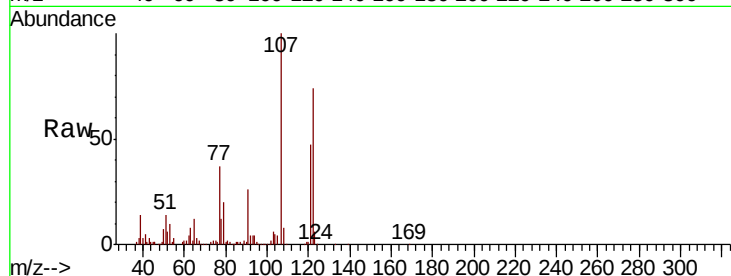




#27
 2,4-Dimethylphenol
 Concen: 64.120 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

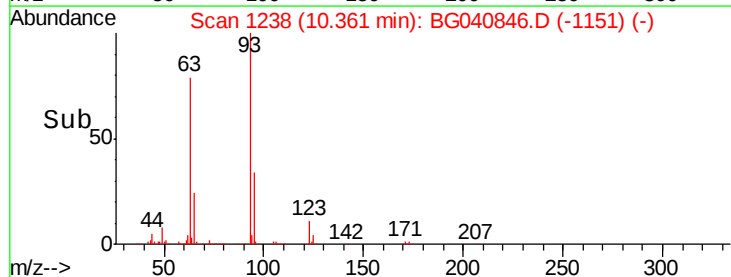
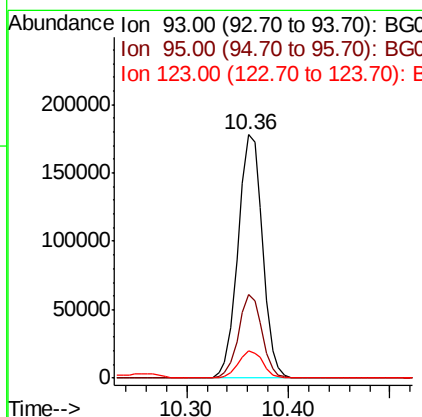
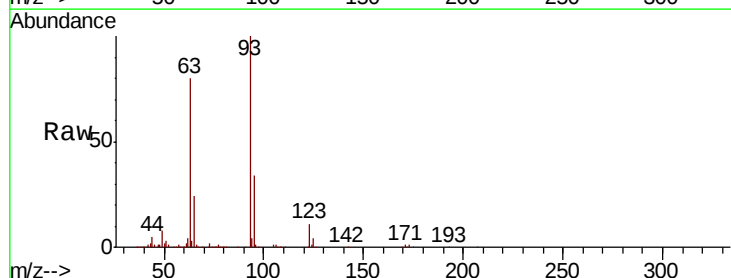
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.0	110.1	165.1
121	63.2	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.666 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	26.6	40.0
123	11.1	9.0	13.4

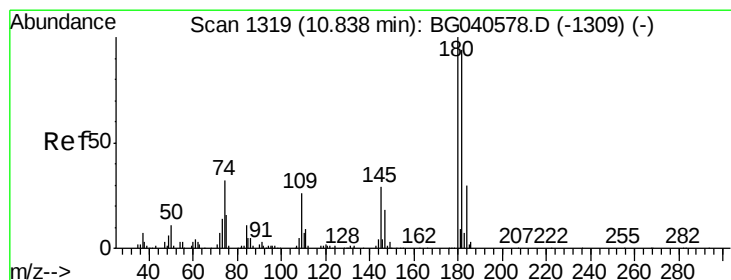
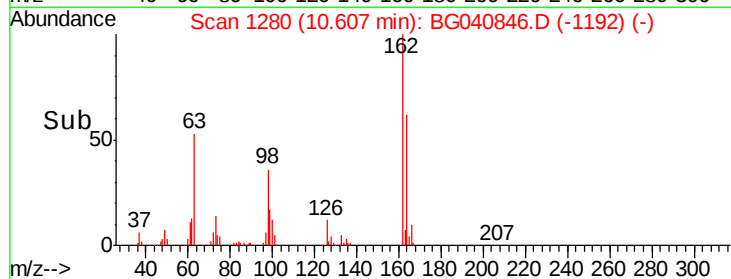
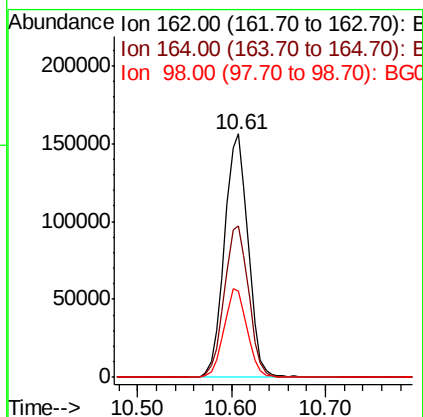
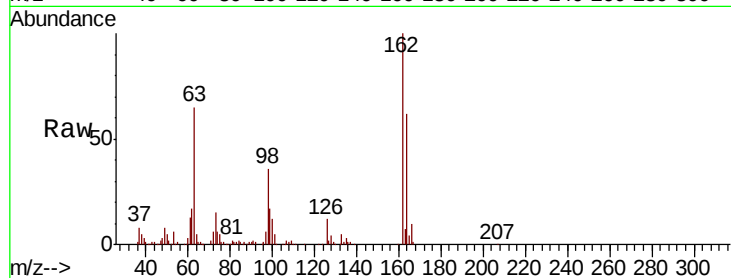




#29
 2,4-Dichlorophenol
 Concen: 64.837 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

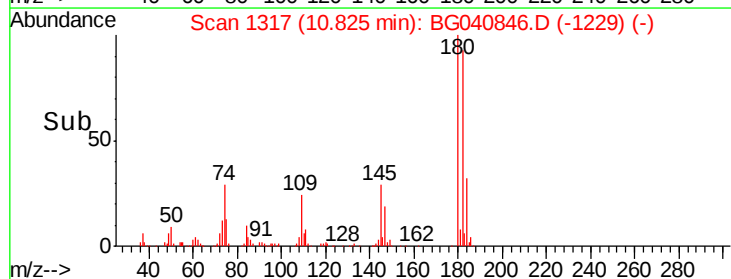
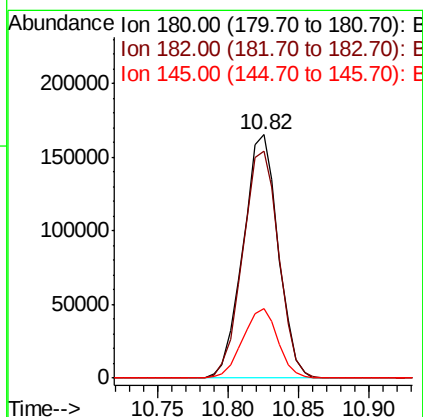
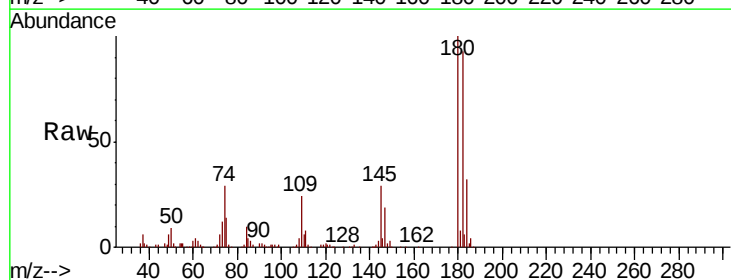
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	38.9	78.9
98	35.5	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 61.513 ng
 RT: 10.82 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.2	112.8
145	28.8	23.6	35.4

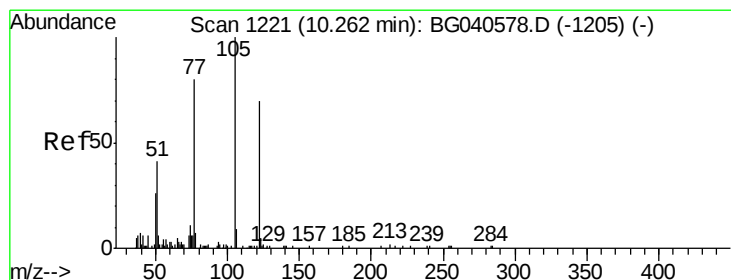
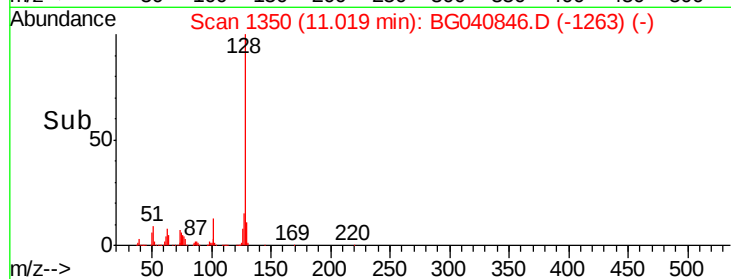
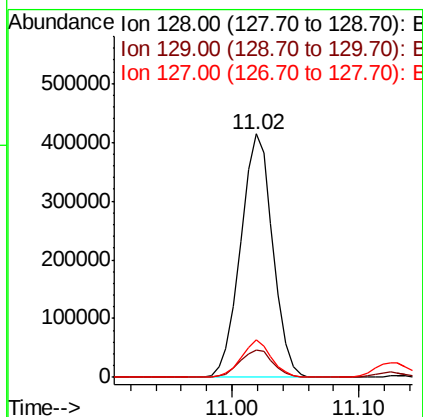
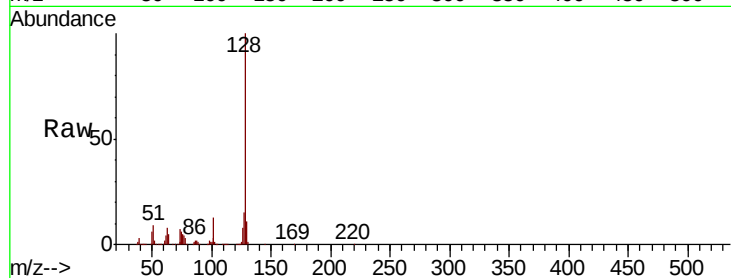




#31
Naphthalene
Concen: 57.169 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

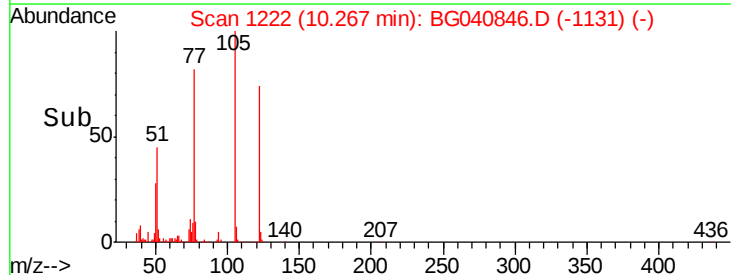
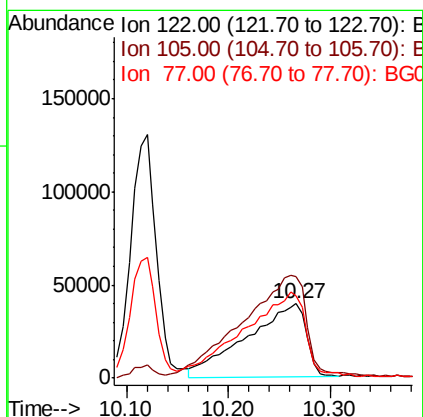
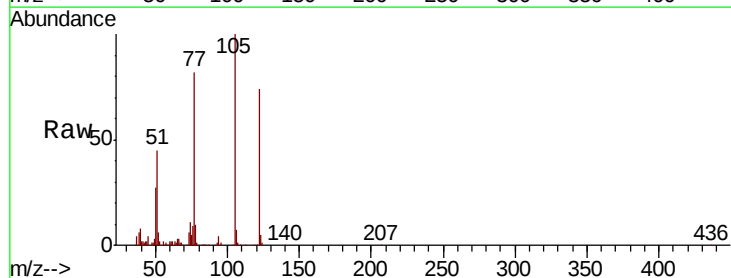
Instrument :
BNA_G
ClientSampled :

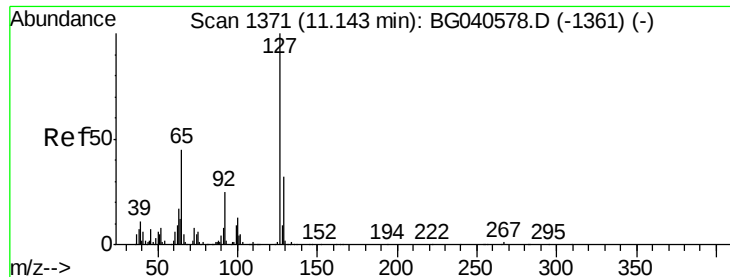
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	15.3	11.3	16.9



#32
Benzoic acid
Concen: 62.318 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.7	110.9	150.9
77	111.0	87.6	127.6

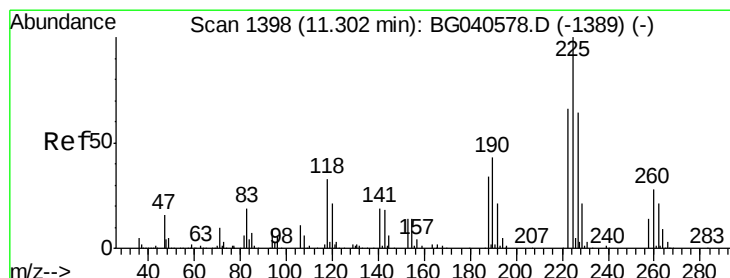
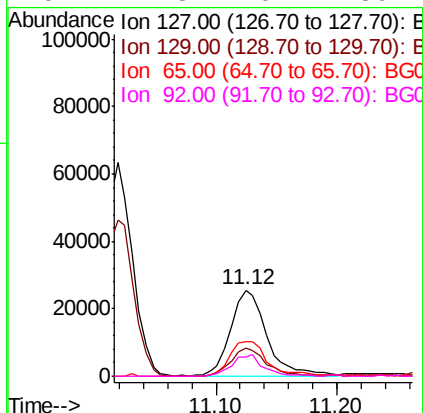
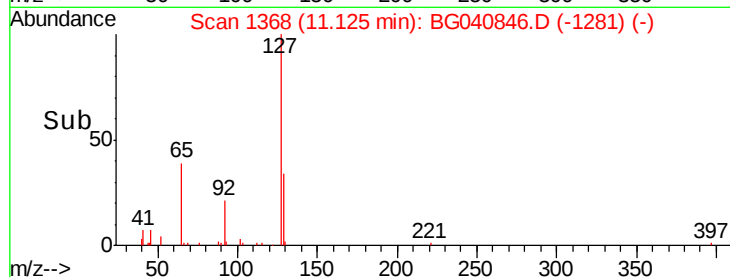
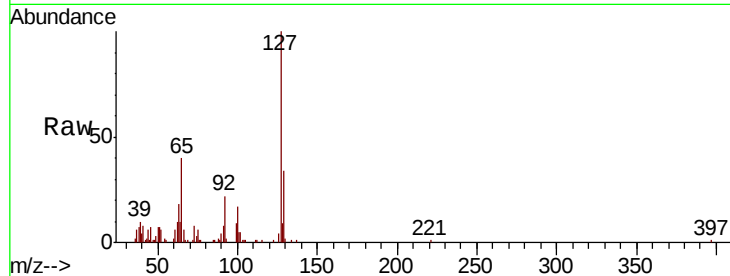




#33
4-Chloroaniline
Concen: 9.563 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

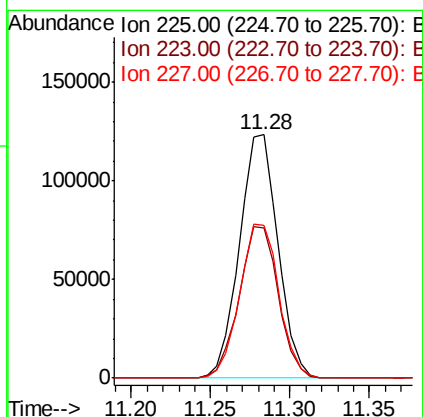
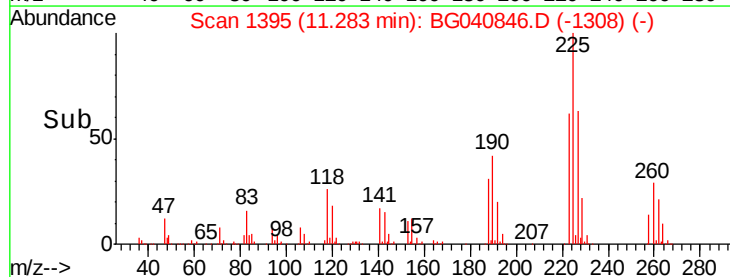
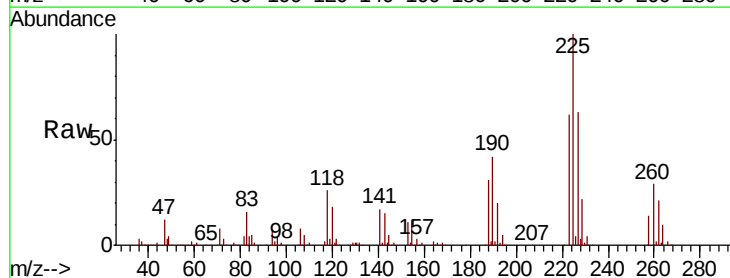
Instrument :
BNA_G
ClientSampled :

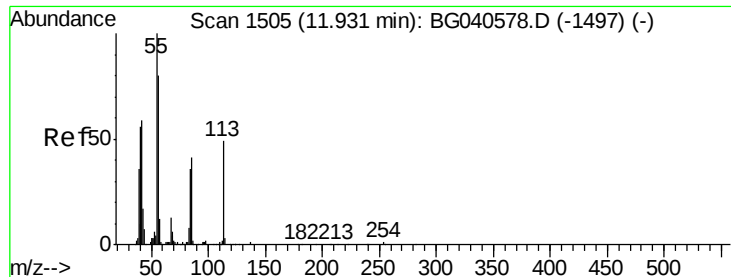
Tot Ion:127 Resp: 53872
Ion Ratio Lower Upper
127 100
129 33.5 25.7 38.5
65 39.6 36.1 54.1
92 21.8 20.1 30.1



#34
Hexachlorobutadiene
Concen: 60.232 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion:225 Resp: 208217
Ion Ratio Lower Upper
225 100
223 61.8 50.4 75.6
227 62.9 51.0 76.6

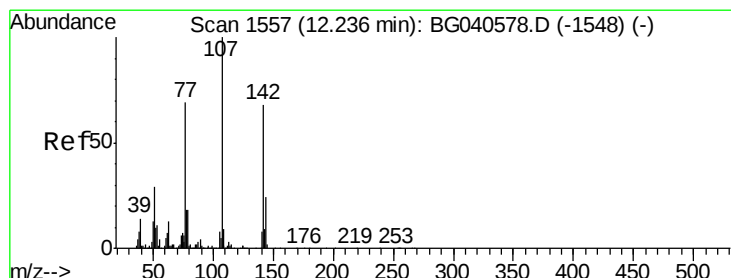
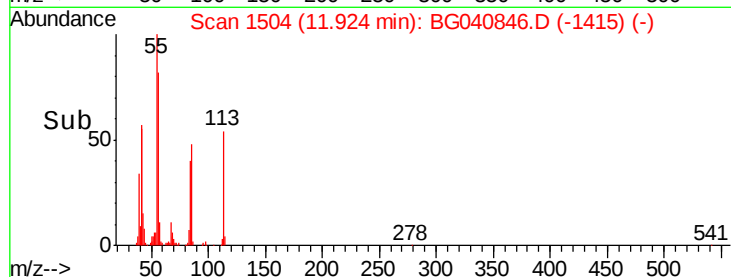
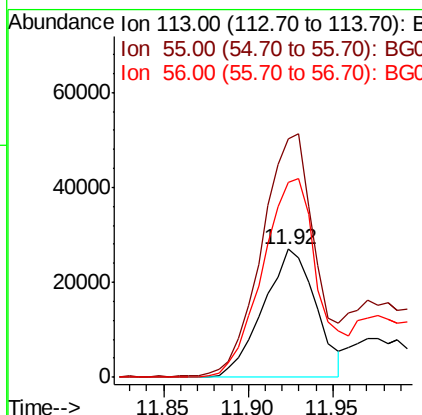
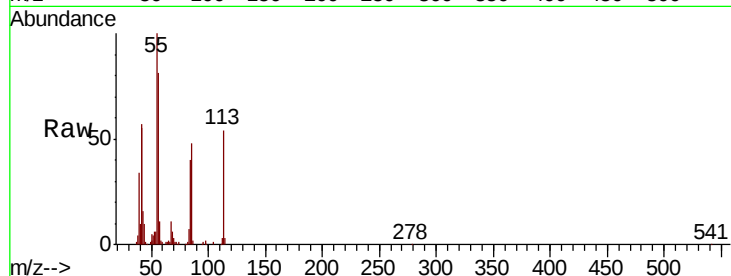




#35
Caprolactam
Concen: 34.931 ng
RT: 11.92 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

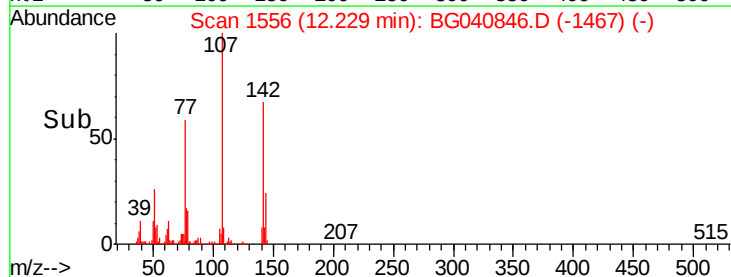
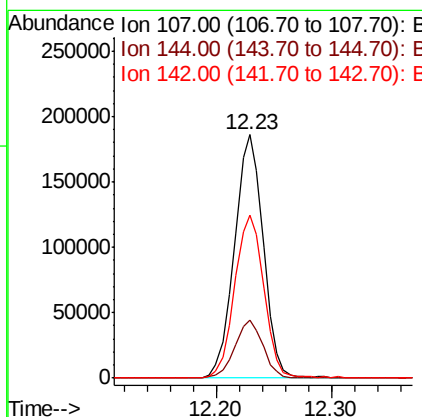
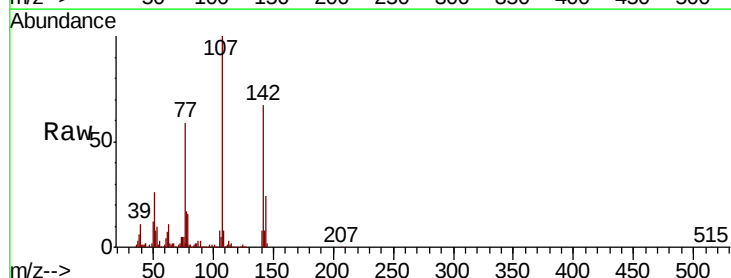
Instrument :
BNA_G
ClientSampleId :

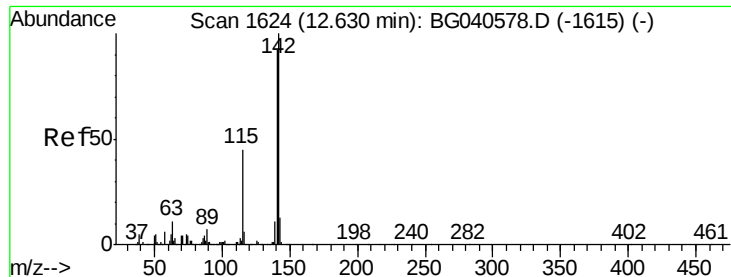
Tot Ion:113 Resp: 58233
Ion Ratio Lower Upper
113 100
55 186.3 198.6 238.6#
56 151.6 148.4 188.4



#36
4-Chloro-3-methylphenol
Concen: 60.337 ng
RT: 12.23 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion:107 Resp: 321398
Ion Ratio Lower Upper
107 100
144 23.7 19.3 28.9
142 66.9 54.6 81.8

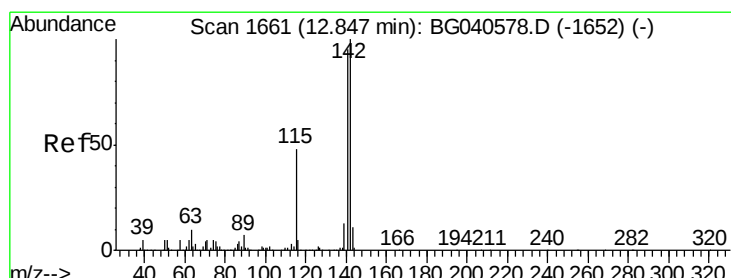
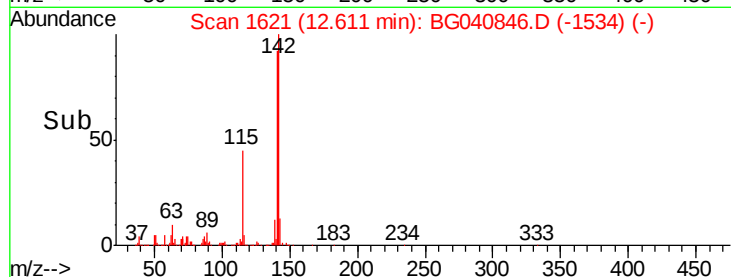
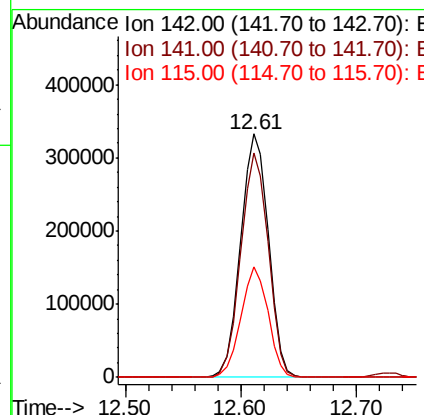
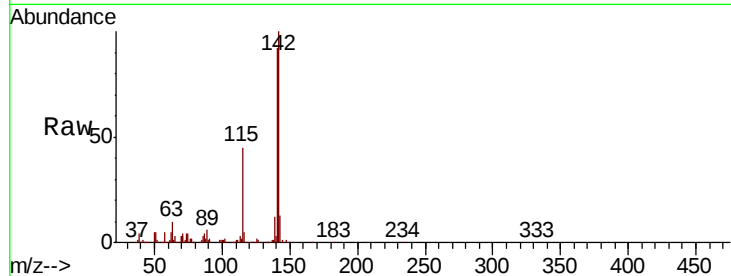




#37
 2-Methylnaphthalene
 Concen: 58.344 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

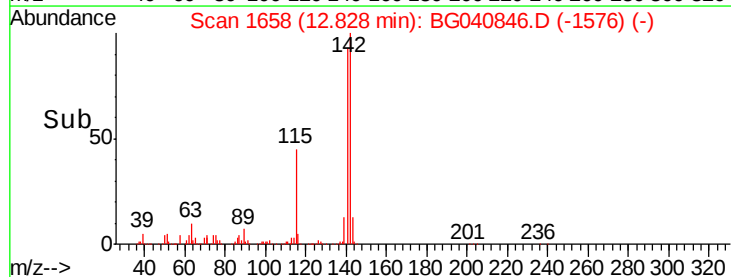
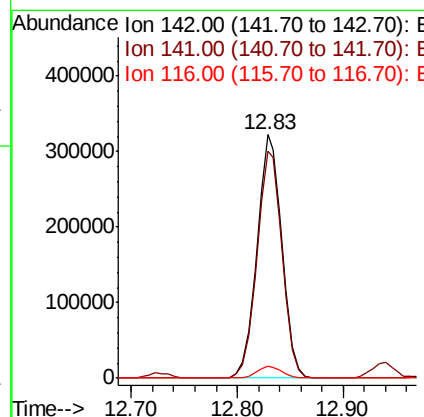
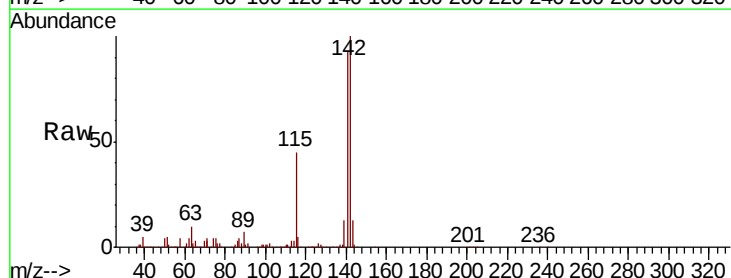
Instrument :
 BNA_G
 ClientSampleId :

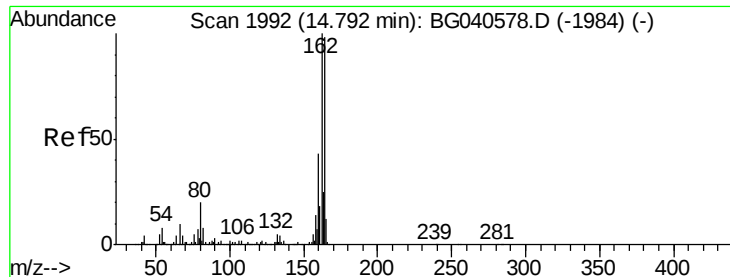
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.4	110.2
115	45.3	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 56.811 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.9	113.9
116	5.1	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

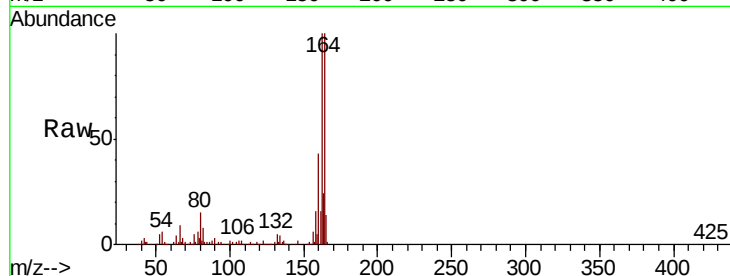
Tot Ion:164 Resp: 183188

Ion Ratio Lower Upper

164 100

162 99.7 81.9 122.9

160 43.1 35.4 53.2

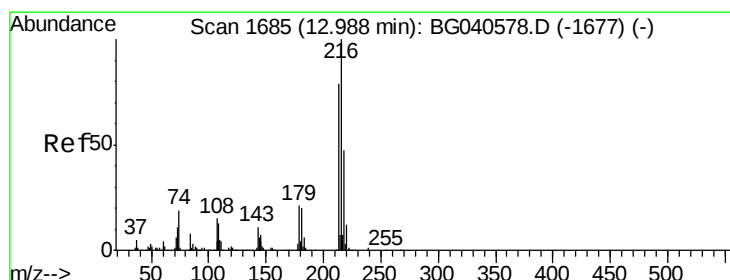
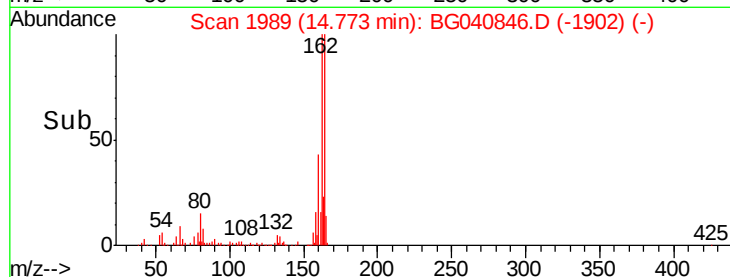
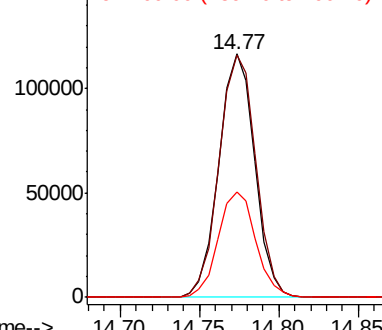


Abundance

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: 58.182 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:216 Resp: 397047

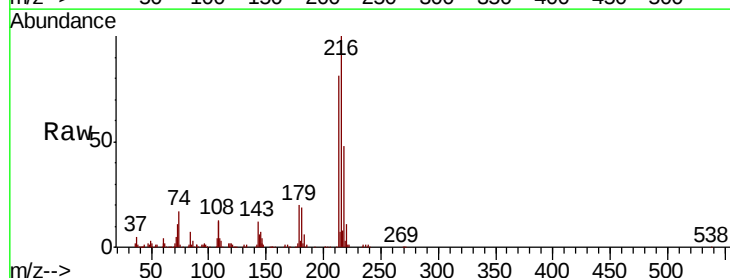
Ion Ratio Lower Upper

216 100

214 79.4 63.7 95.5

179 19.3 16.6 24.8

108 15.4 14.7 22.1



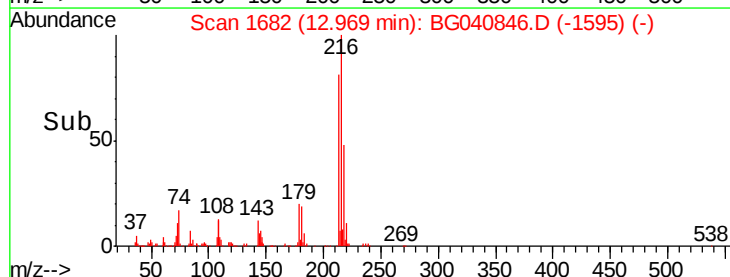
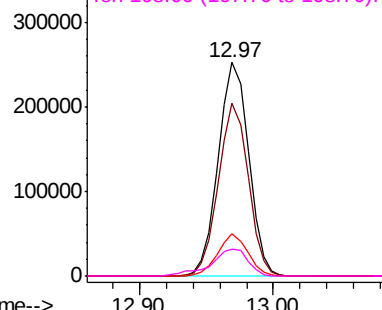
Abundance

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: 81.727 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

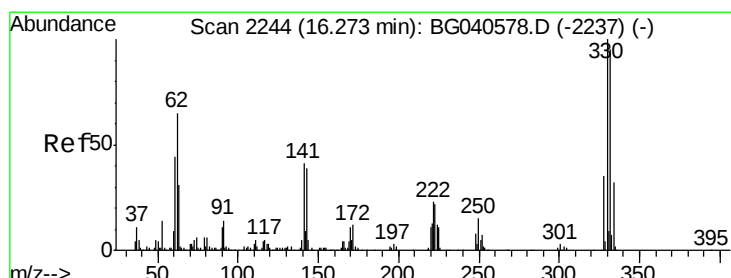
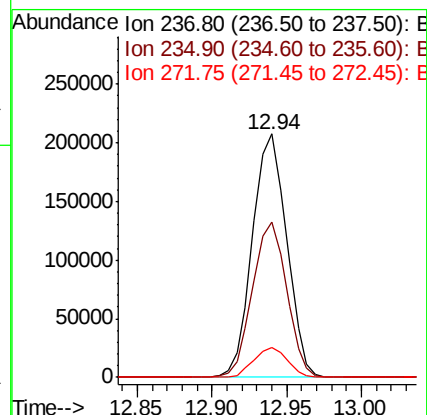
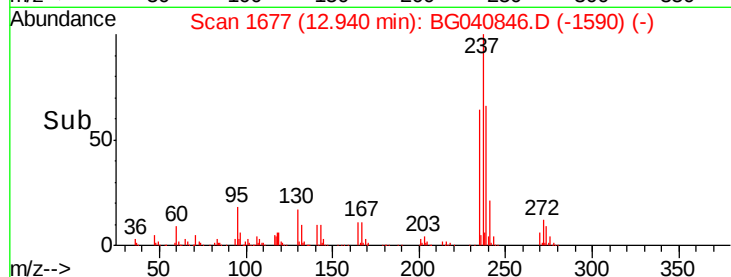
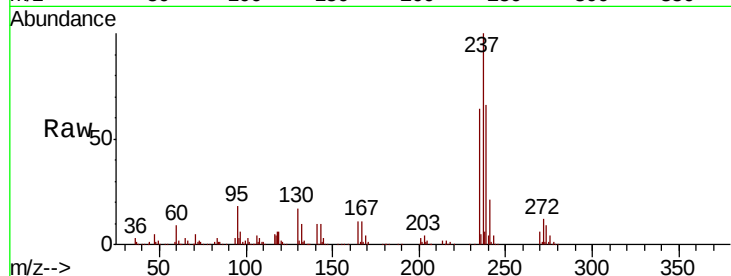
Tot Ion:237 Resp: 329101

Ion Ratio Lower Upper

237 100

235 63.7 42.5 82.5

272 12.5 0.0 31.6



#42

2,4,6-Tribromophenol

Concen: 173.262 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

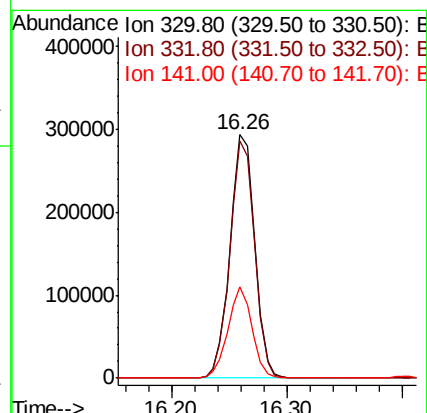
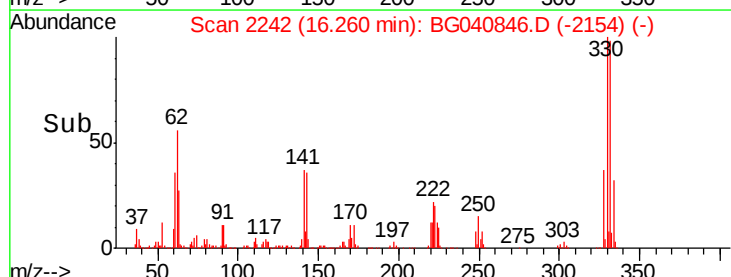
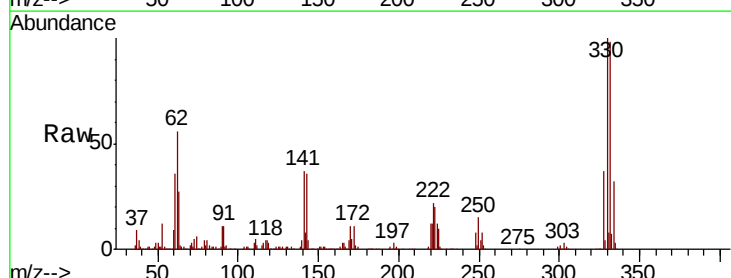
Tgt Ion:330 Resp: 436268

Ion Ratio Lower Upper

330 100

332 96.8 75.9 113.9

141 36.3 32.4 48.6

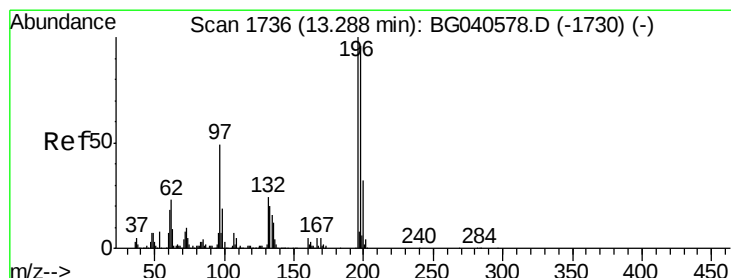
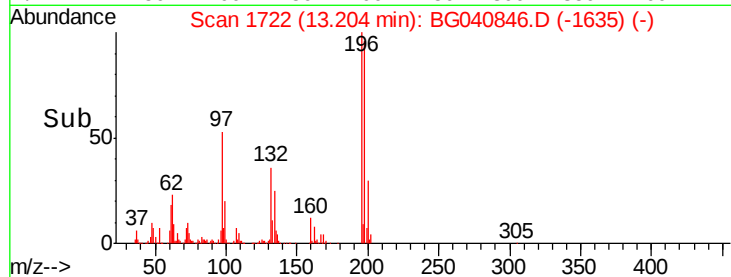
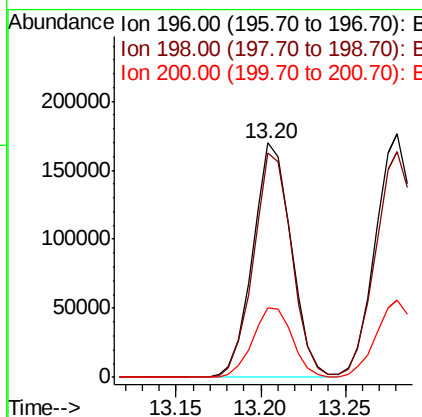
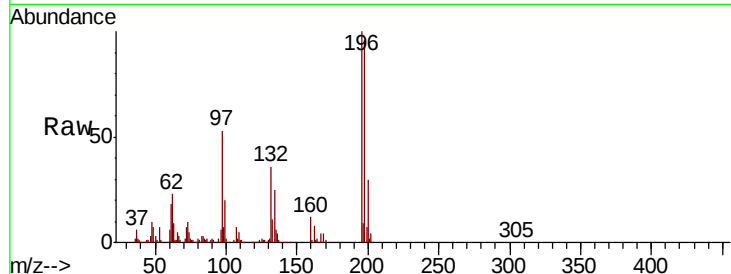




#43
 2,4,6-Trichlorophenol
 Concen: 65.226 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

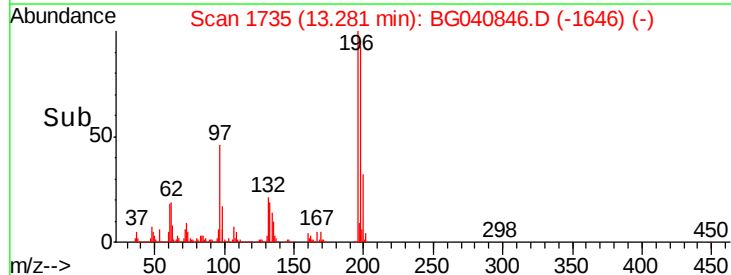
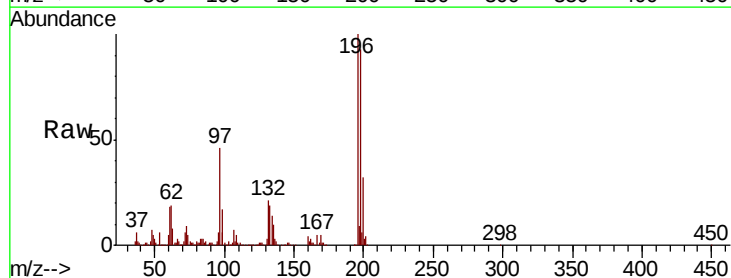
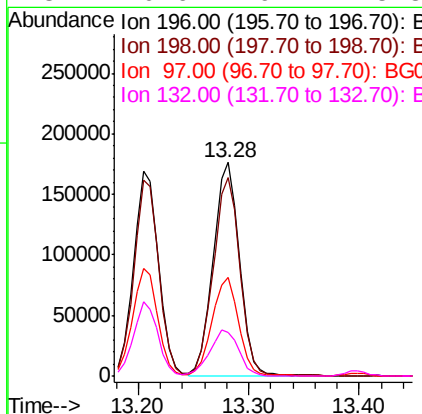
Instrument :
 BNA_G
 ClientSampled :

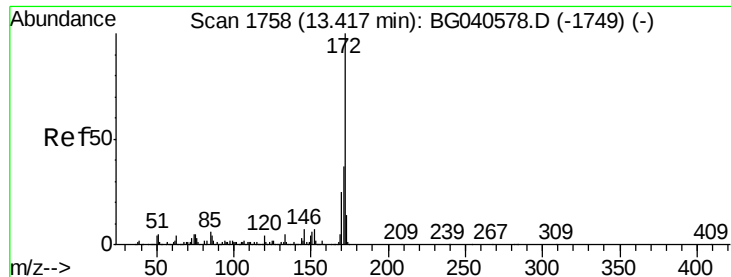
Tot Ion	196	Resp	268988
Ion Ratio	Lower	Upper	
196	100		
198	95.7	74.8	112.2
200	30.0	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 64.567 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	196	Resp	290063
Ion Ratio	Lower	Upper	
196	100		
198	92.7	77.0	115.6
97	46.1	40.0	60.0
132	20.6	19.2	28.8

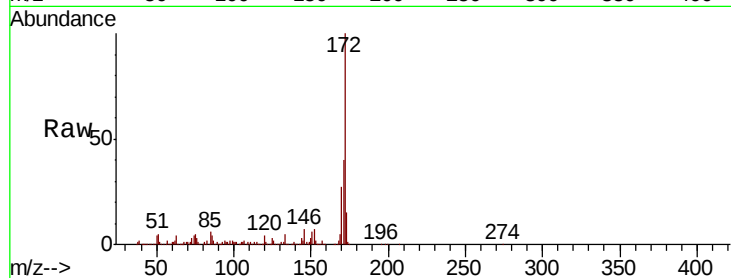




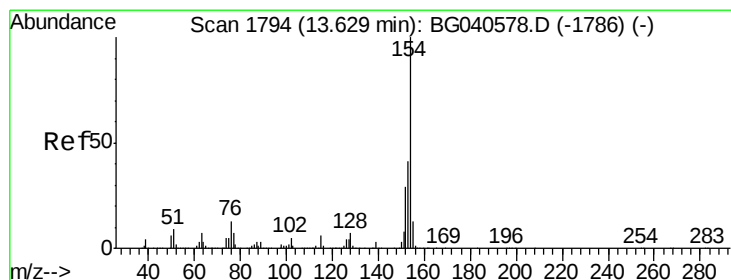
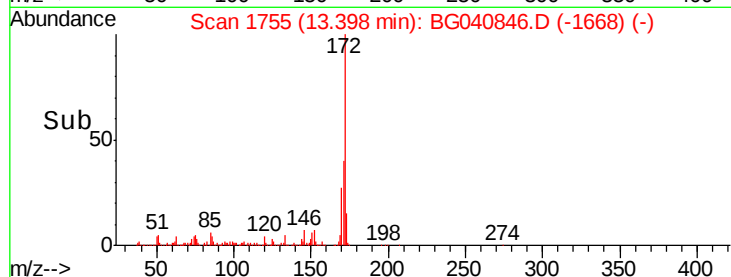
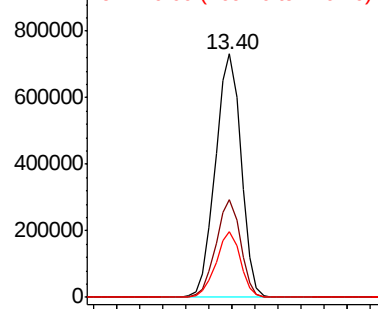
#45
2-Fluorobiphenyl
Concen: 89.040 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1129414
Ion Ratio Lower Upper
172 100
171 40.0 29.4 44.2
170 27.0 19.9 29.9

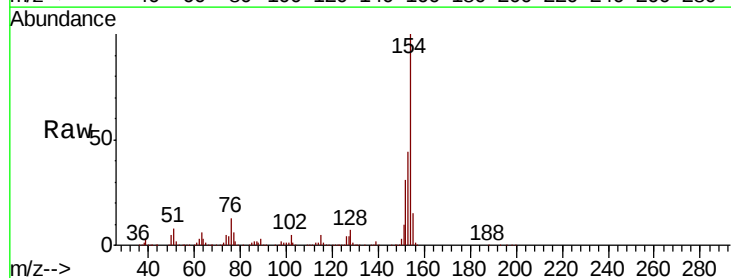


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

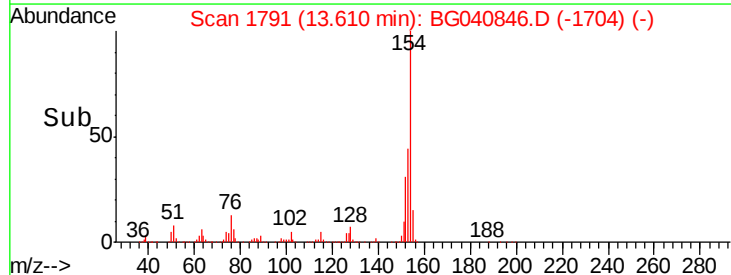
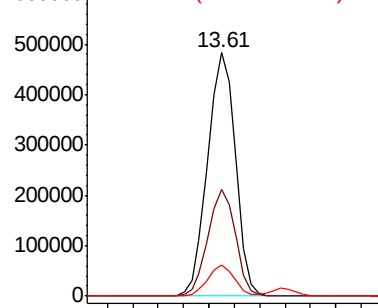


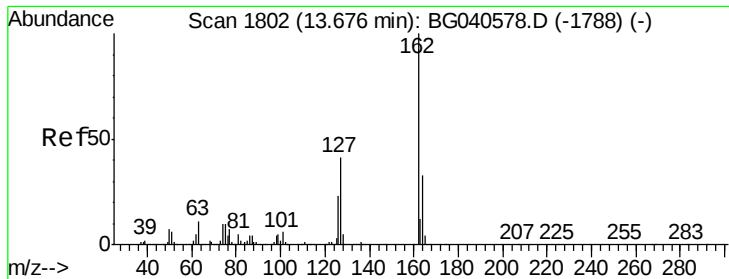
#46
1,1'-Biphenyl
Concen: 51.367 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion:154 Resp: 730590
Ion Ratio Lower Upper
154 100
153 43.6 20.5 60.5
76 12.6 0.0 32.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

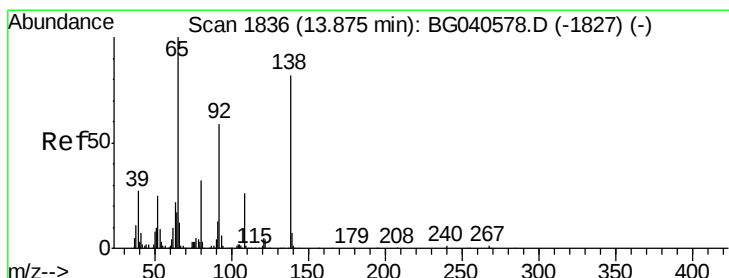
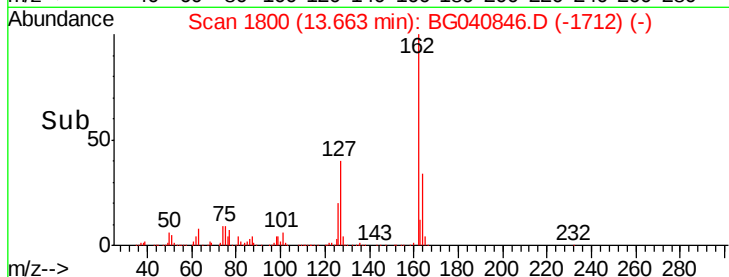
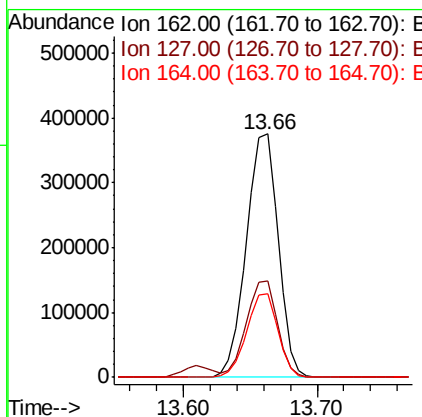
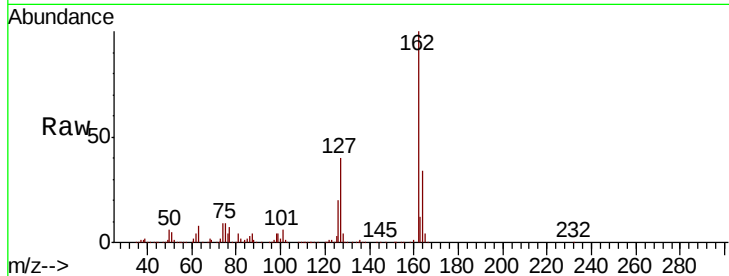




#47
 2-Chloronaphthalene
 Concen: 55.487 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

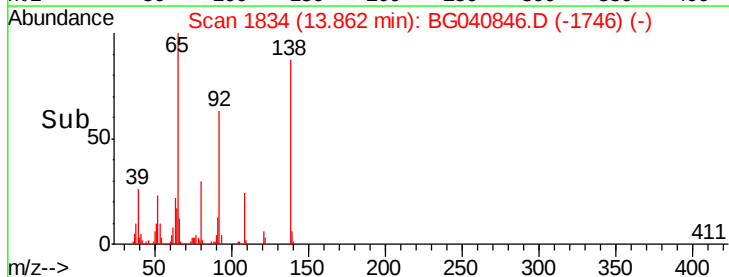
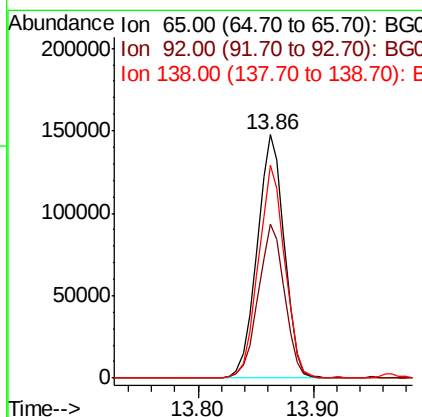
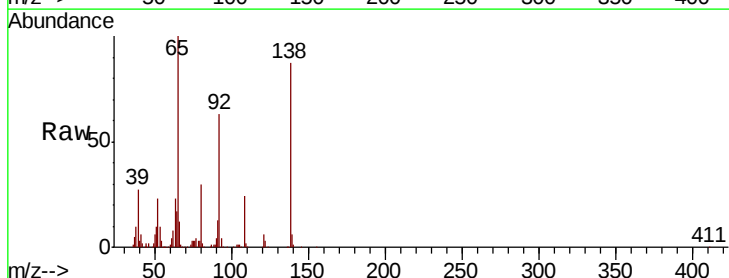
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.0	49.4
164	34.5	26.8	40.2



#48
 2-Nitroaniline
 Concen: 61.226 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	47.4	71.0
138	87.4	66.1	99.1





#49

Acenaphthylene

Concen: 52.507 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

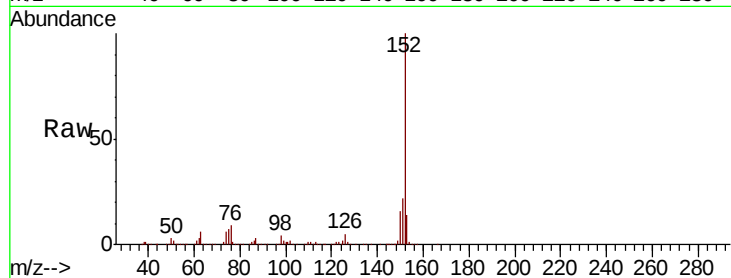
Tot Ion:152 Resp: 991563

Ion Ratio Lower Upper

152 100

151 22.2 17.2 25.8

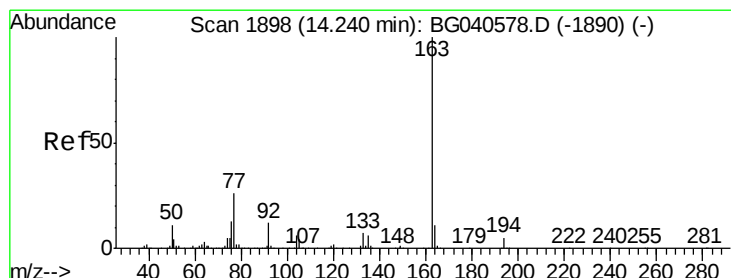
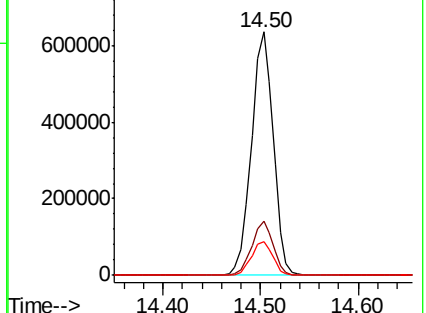
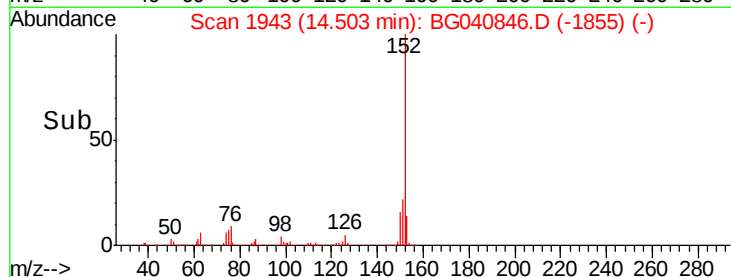
153 14.1 10.7 16.1



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: 60.717 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

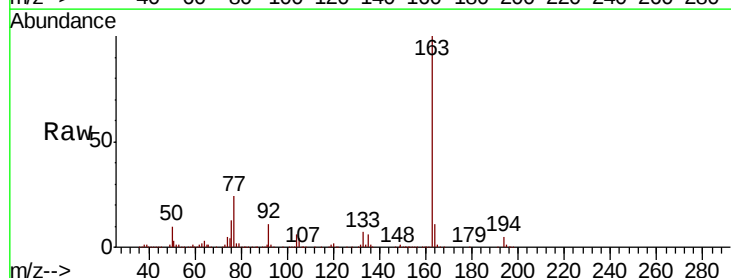
Tgt Ion:163 Resp: 930607

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.8

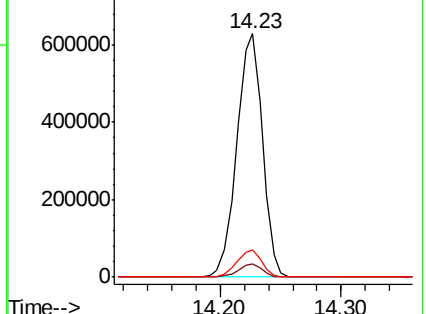
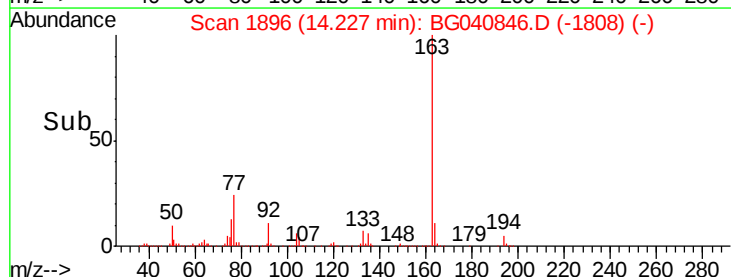
164 11.2 8.8 13.2



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: 62.410 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

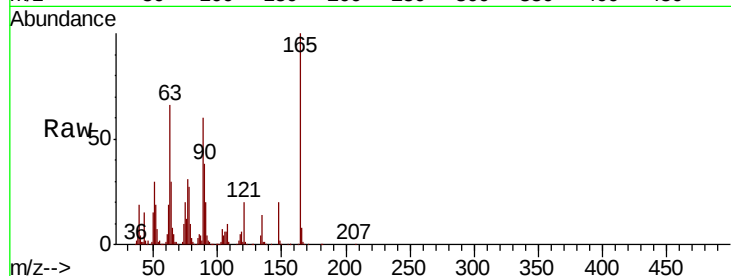
Tot Ion:165 Resp: 186691

Ion Ratio Lower Upper

165 100

63 65.7 61.0 91.4

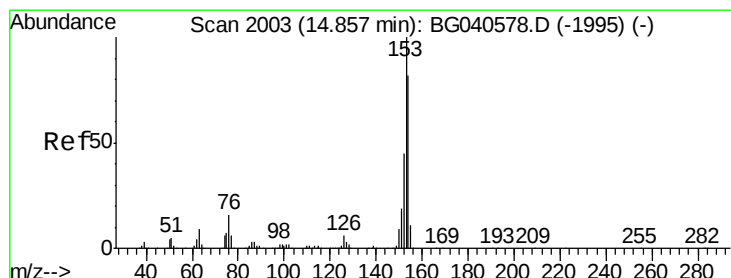
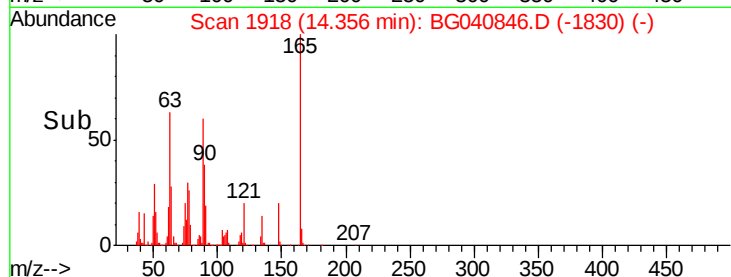
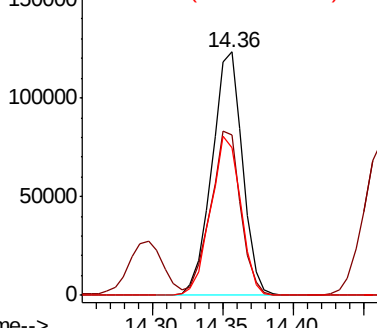
89 60.4 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 52.065 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

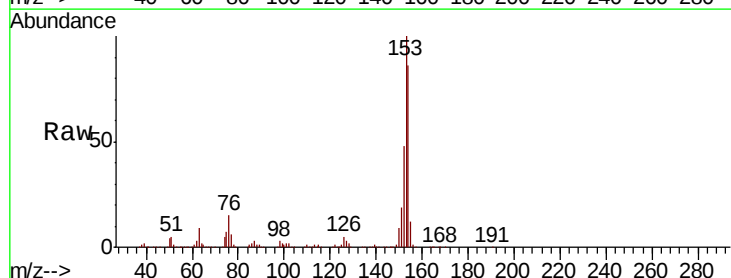
Tgt Ion:154 Resp: 572591

Ion Ratio Lower Upper

154 100

153 116.9 97.0 145.6

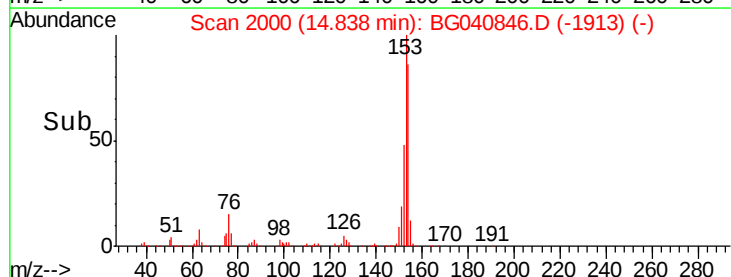
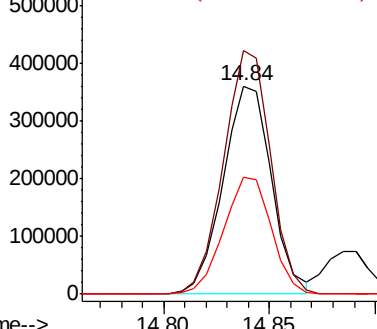
152 56.1 44.1 66.1

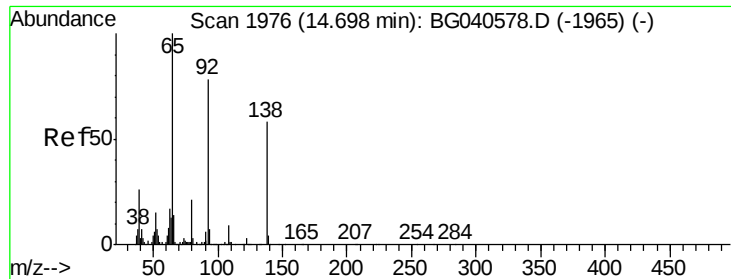


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

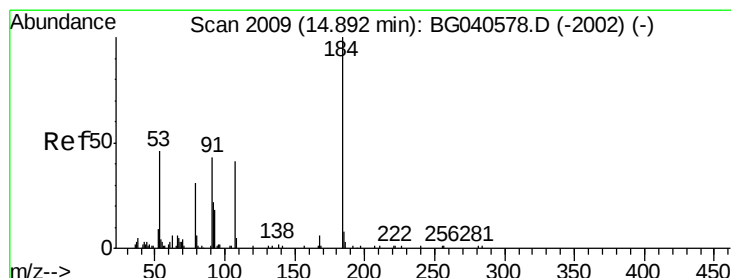
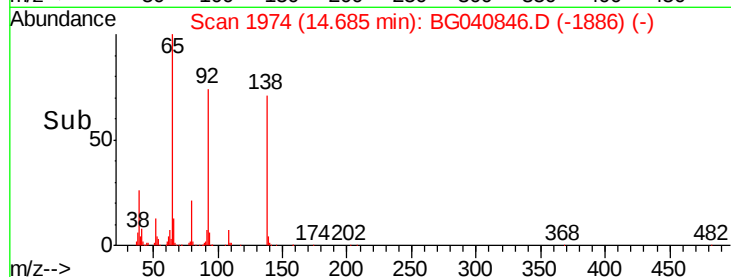
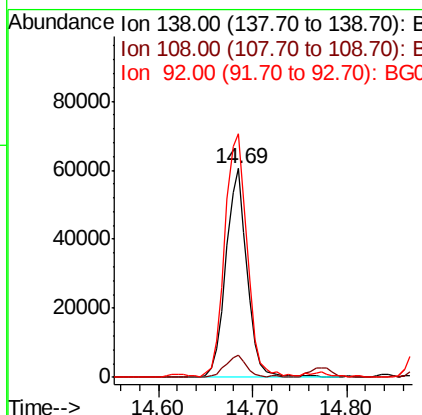
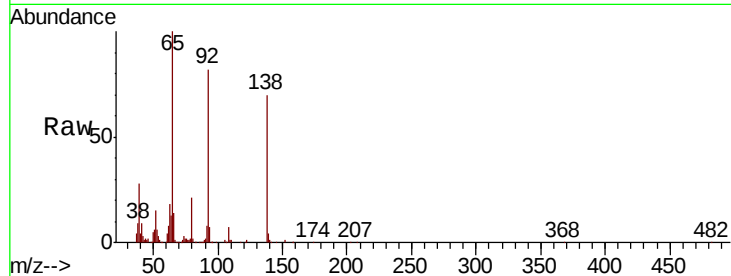




#53
3-Nitroaniline
Concen: 30.886 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

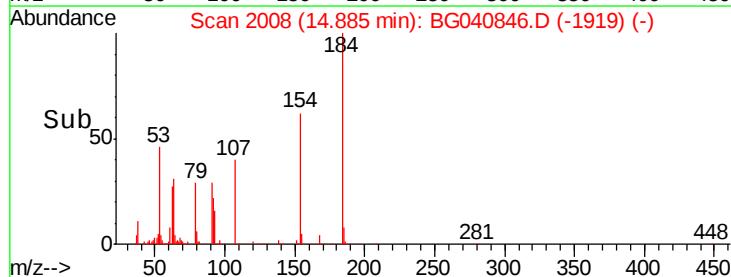
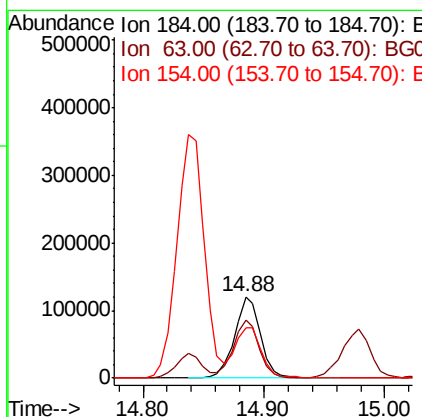
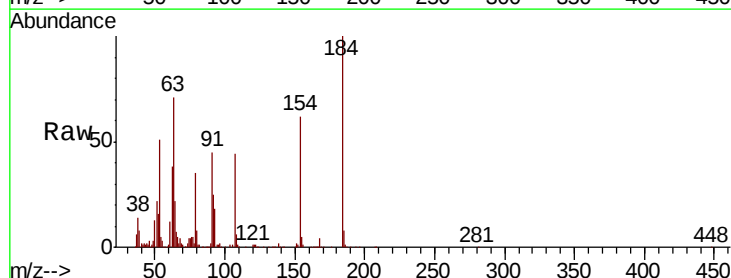
Instrument :
BNA_G
ClientSampleId :

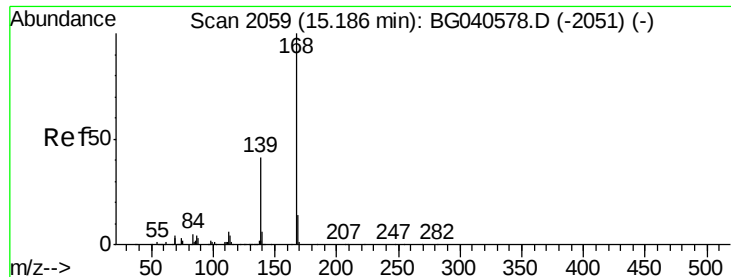
Tot Ion:138 Resp: 94665
Ion Ratio Lower Upper
138 100
108 10.3 12.4 18.6#
92 116.8 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 104.857 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion:184 Resp: 180935
Ion Ratio Lower Upper
184 100
63 71.1 51.8 77.6
154 61.8 43.6 65.4





#55

Dibenzofuran

Concen: 53.625 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

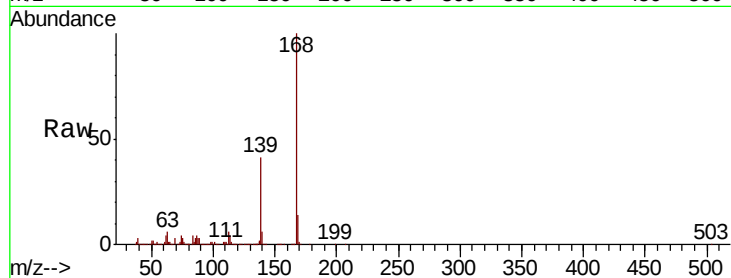
Tot Ion:168 Resp: 965967

Ion Ratio Lower Upper

168 100

139 40.6 33.0 49.4

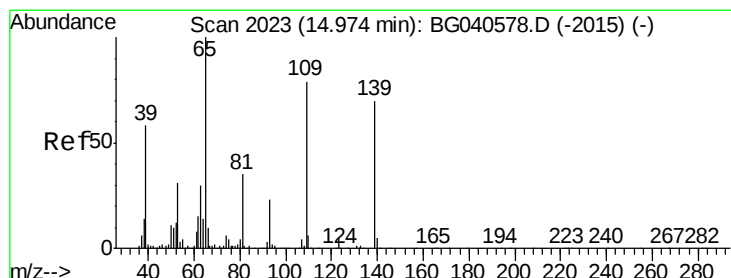
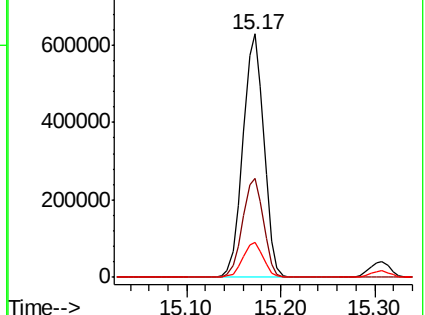
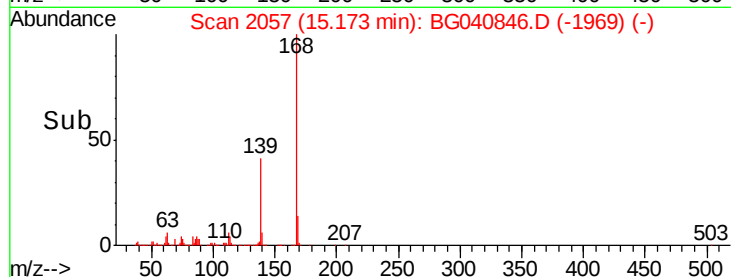
169 14.2 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 110.423 ng

RT: 14.98 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

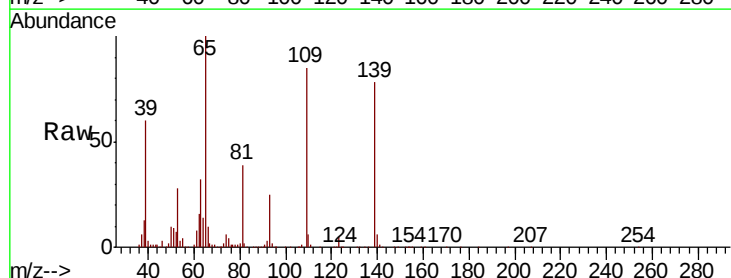
Tgt Ion:139 Resp: 293470

Ion Ratio Lower Upper

139 100

109 108.6 93.8 133.8

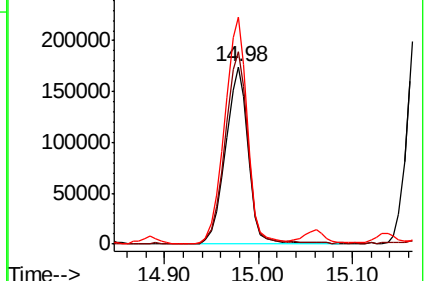
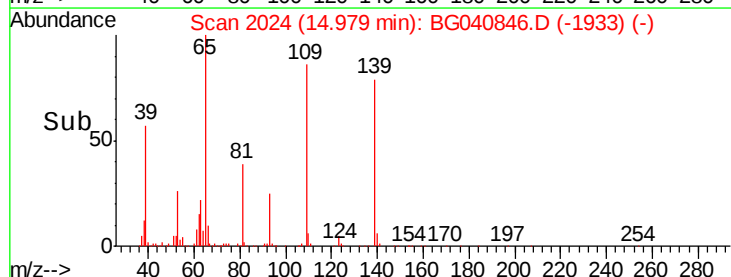
65 127.7 122.7 162.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

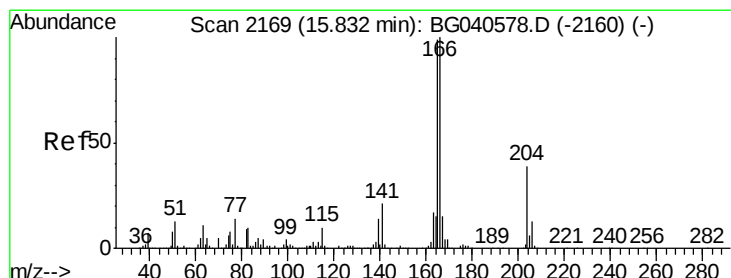
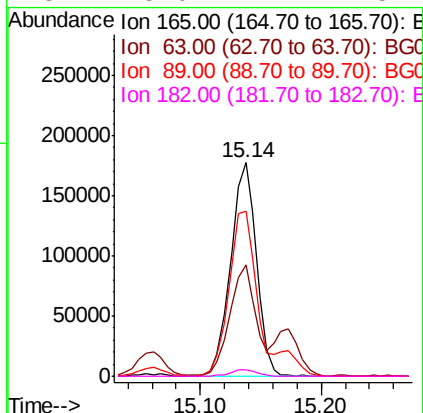
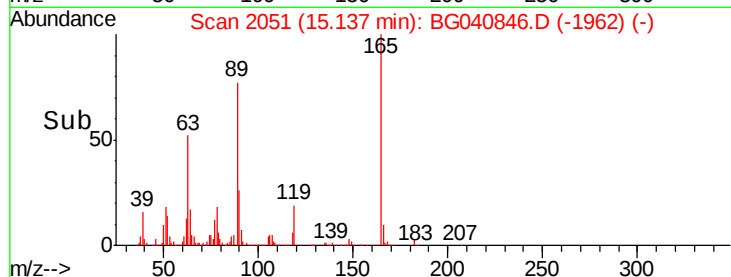
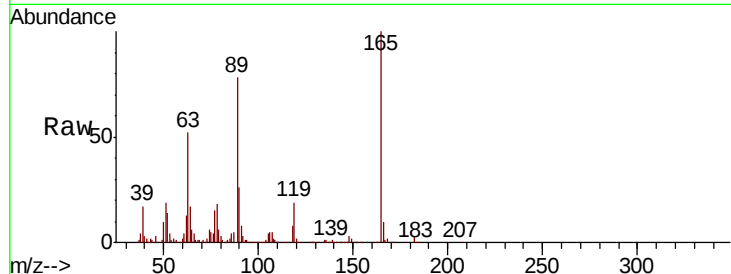




#57
 2,4-Dinitrotoluene
 Concen: 64.890 ng
 RT: 15.14 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

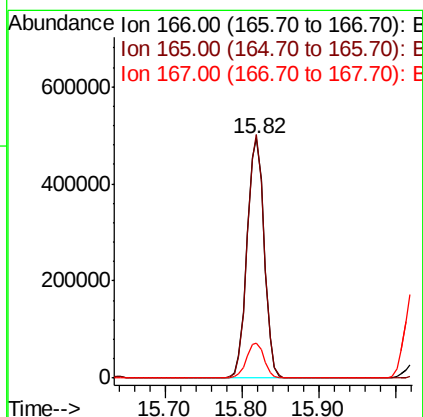
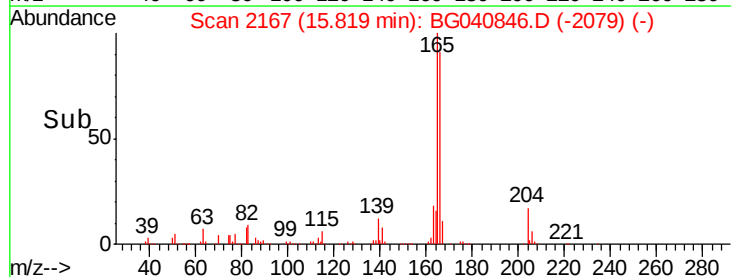
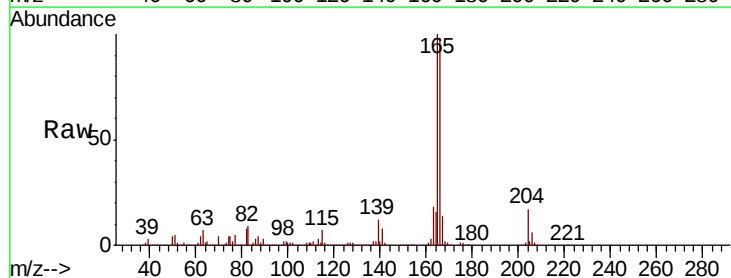
Instrument :
 BNA_G
 ClientSampleId :

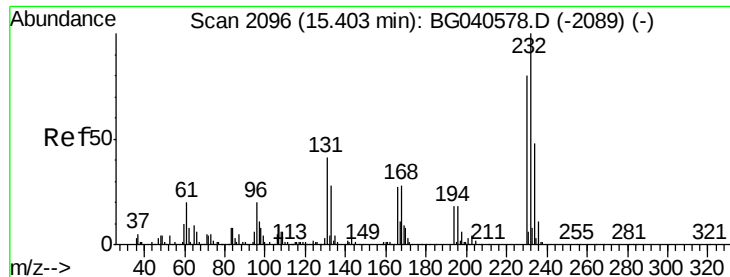
Tot Ion:165 Resp: 263761
 Ion Ratio Lower Upper
 165 100
 63 52.3 45.8 68.8
 89 77.6 69.4 104.2
 182 3.0 2.2 3.4



#58
 Fluorene
 Concen: 53.085 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion:166 Resp: 772885
 Ion Ratio Lower Upper
 166 100
 165 101.7 79.6 119.4
 167 14.7 12.2 18.2

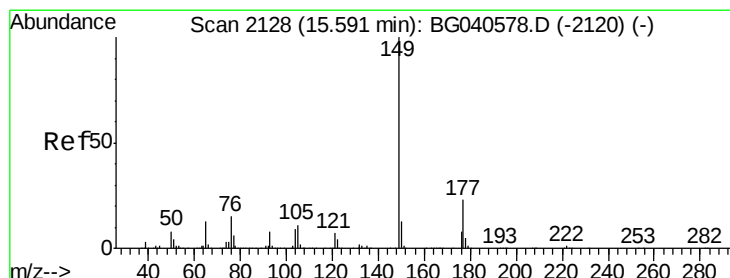
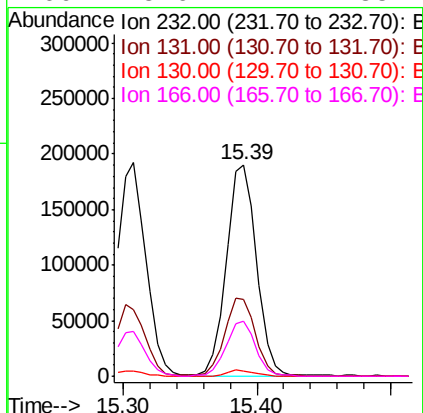
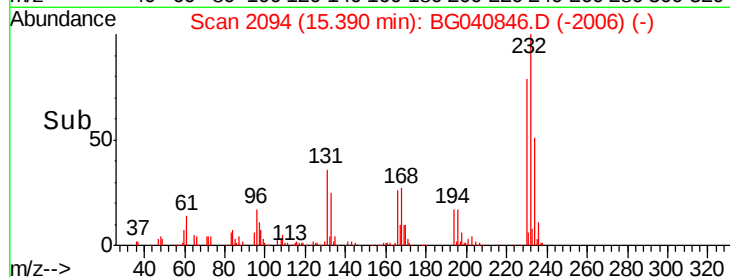
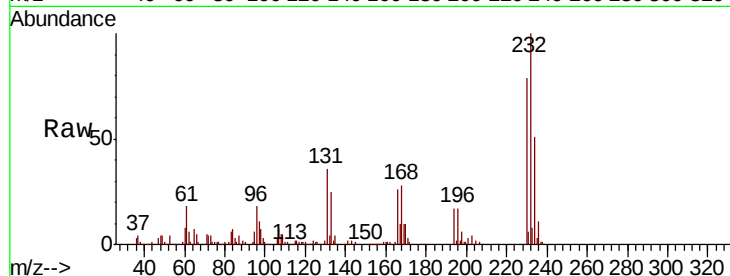




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 66.270 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

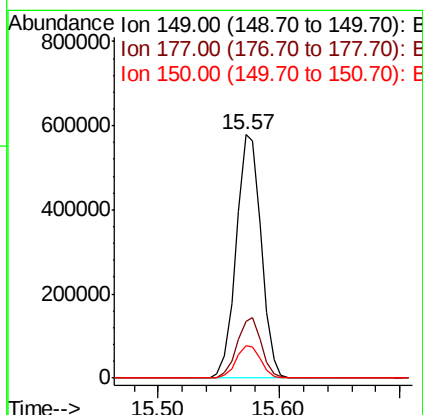
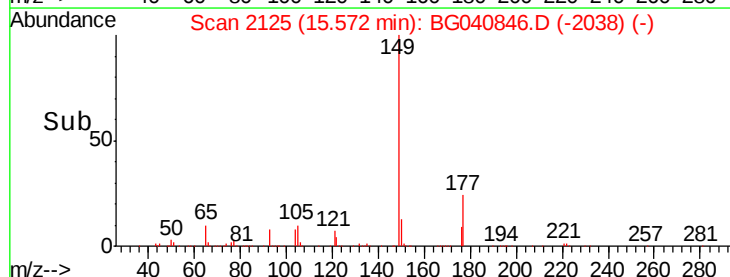
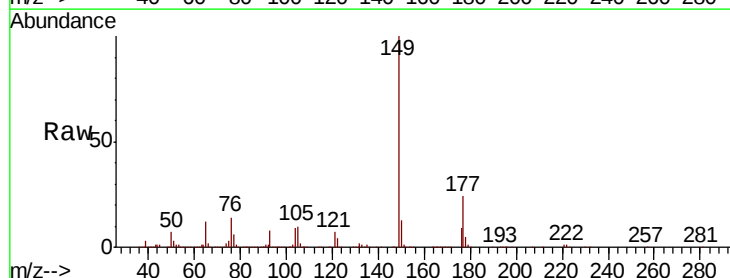
Instrument :
 BNA_G
 ClientSampled :

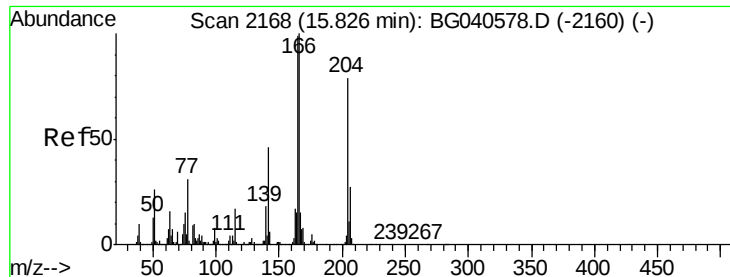
Tot Ion:232	Resp:	299653
Ion Ratio	Lower	Upper
232	100	
131	37.2	33.0 49.4
130	2.6	2.0 3.0
166	25.6	22.1 33.1



#60
 Diethylphthalate
 Concen: 51.391 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion:149	Resp:	831055
Ion Ratio	Lower	Upper
149	100	
177	23.5	18.5 27.7
150	13.5	10.2 15.4

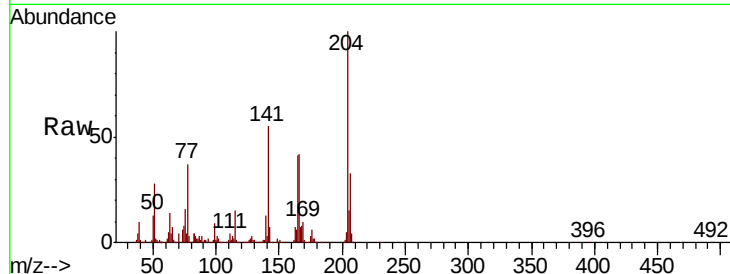




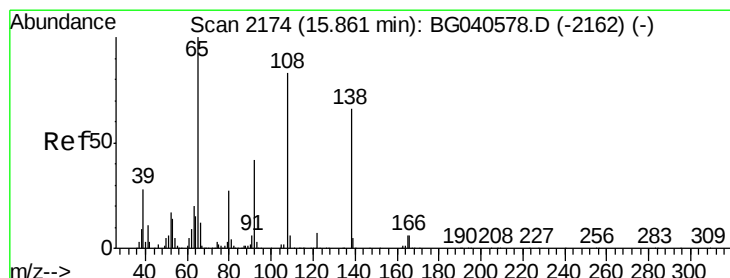
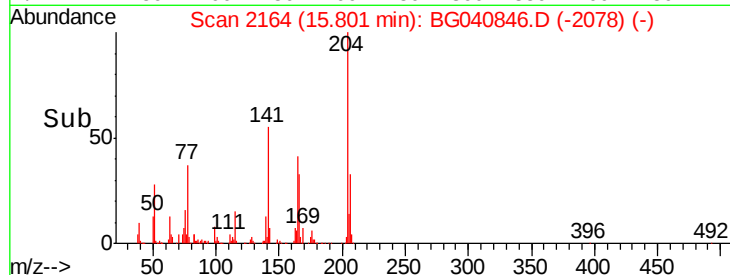
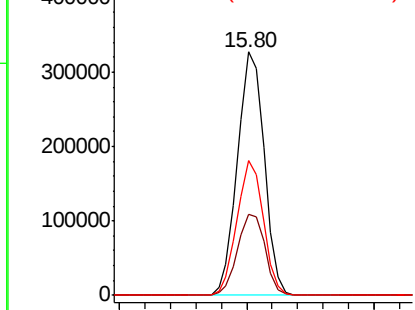
#61
4-Chlorophenyl-phenylether
Concen: 56.585 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	27.4	41.2
141	55.2	46.0	69.0

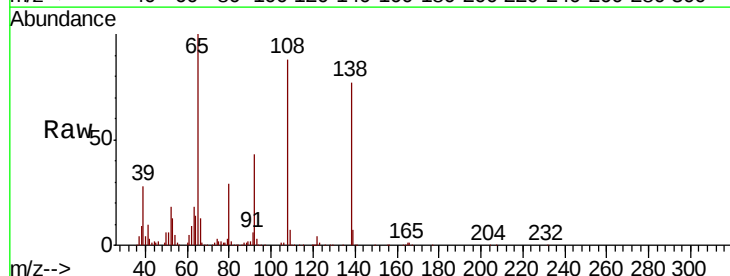


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

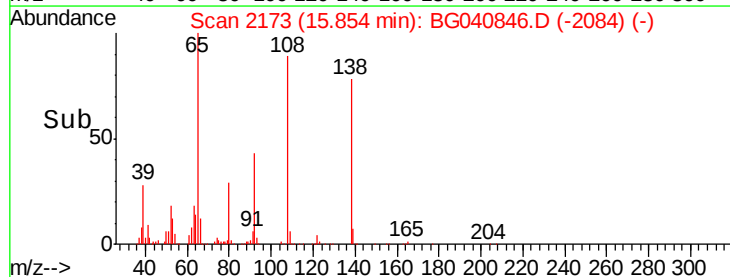
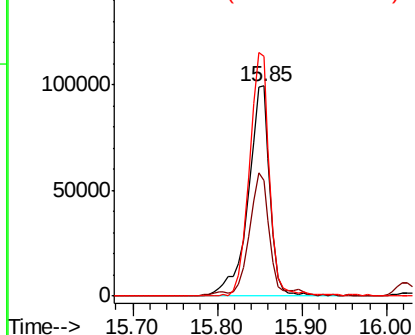


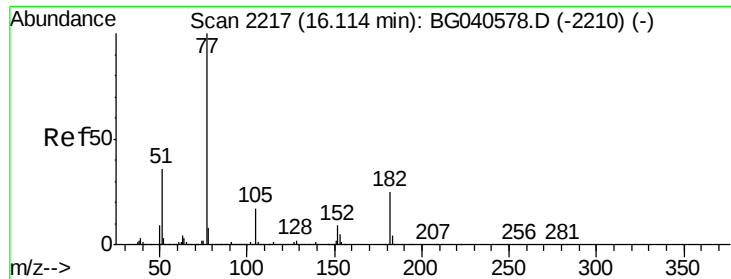
#62
4-Nitroaniline
Concen: 52.278 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	43.9	83.9
108	114.3	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: 47.589 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 792548

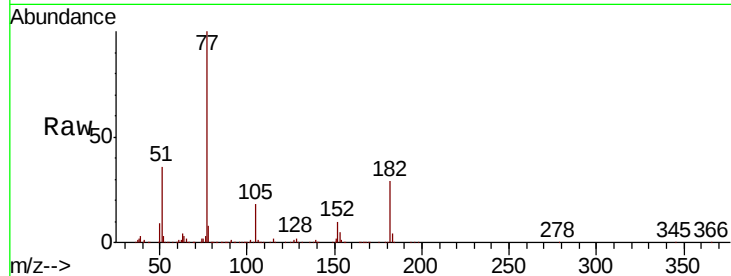
Ion Ratio Lower Upper

77 100

182 29.3 5.0 45.0

105 18.2 0.0 37.6

51 36.2 16.3 56.3

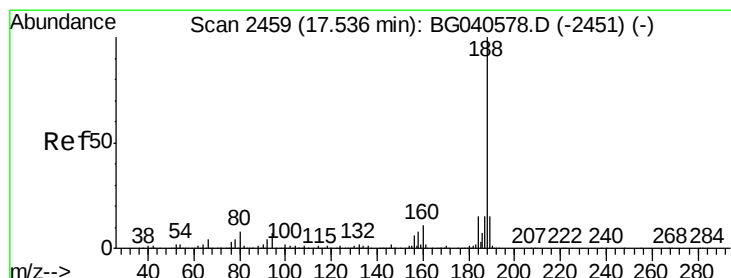
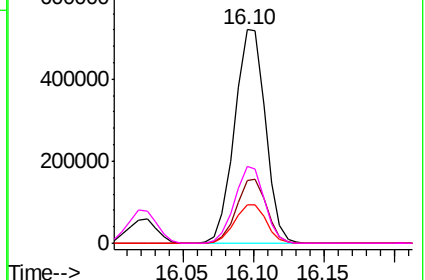
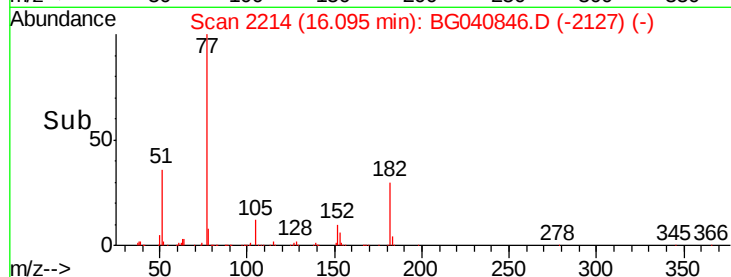


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG040846.D

Acq: 10 May 2019 11:33

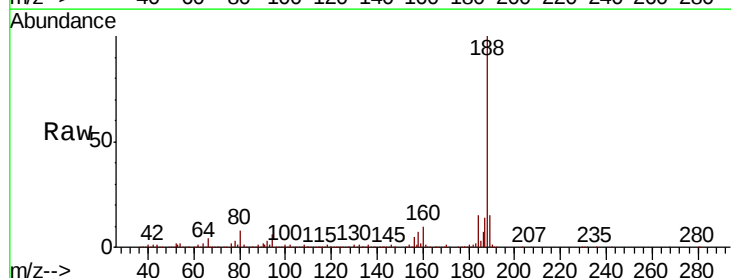
Tgt Ion: 188 Resp: 444984

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

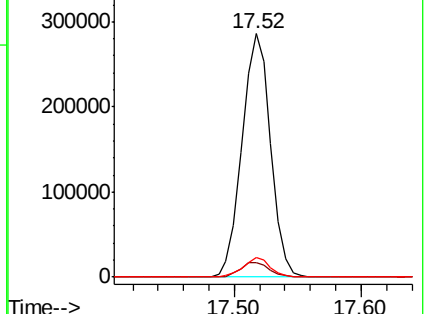
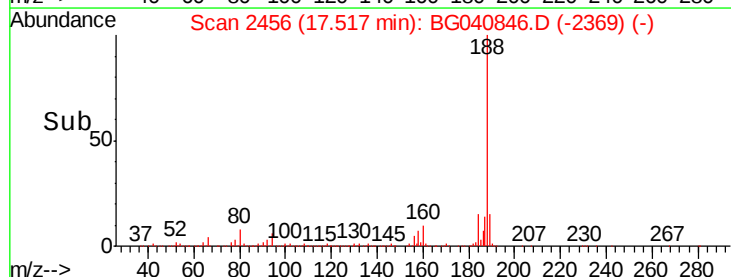
80 8.2 6.4 9.6



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: 61.400 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

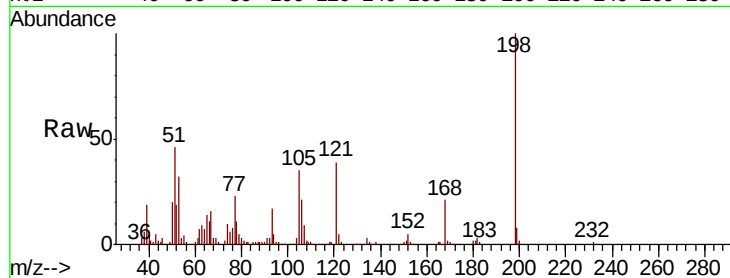
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 139725

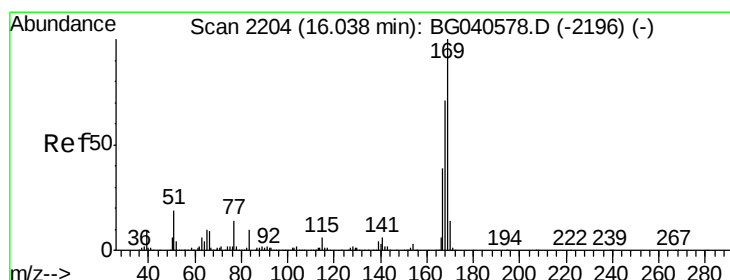
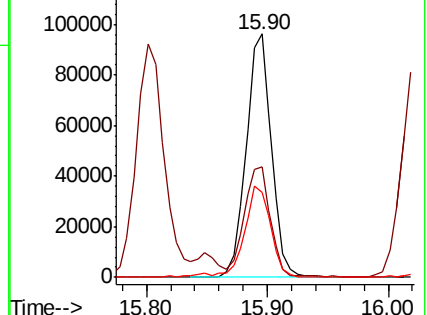
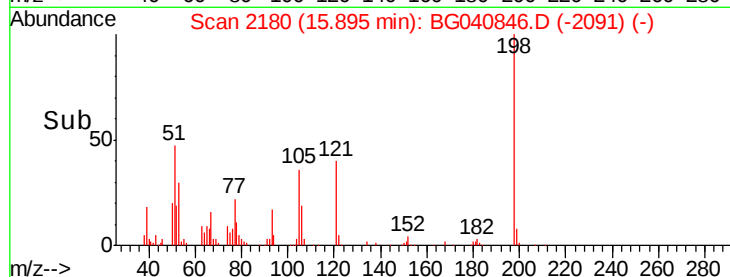
Ion	Ratio	Lower	Upper
198	100		
51	45.5	35.9	75.9
105	35.0	21.2	61.2



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: 54.086 ng

RT: 16.02 min Scan# 2202

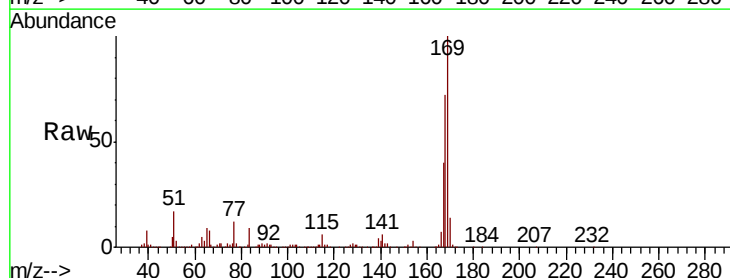
Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:169 Resp: 708084

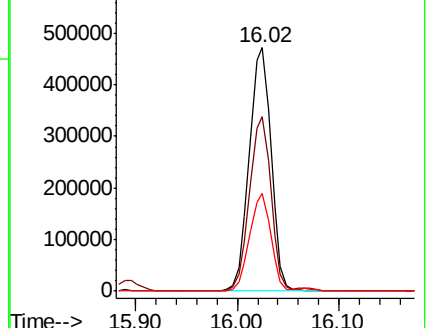
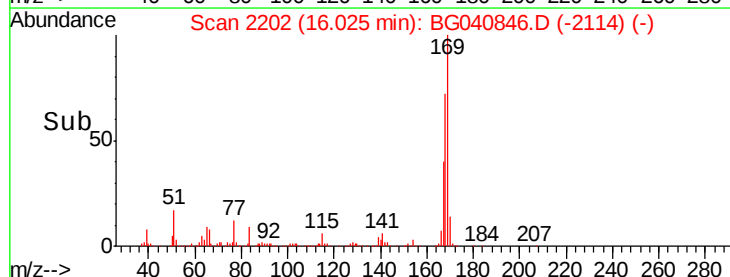
Ion	Ratio	Lower	Upper
169	100		
168	71.8	56.8	85.2
167	40.0	31.4	47.0

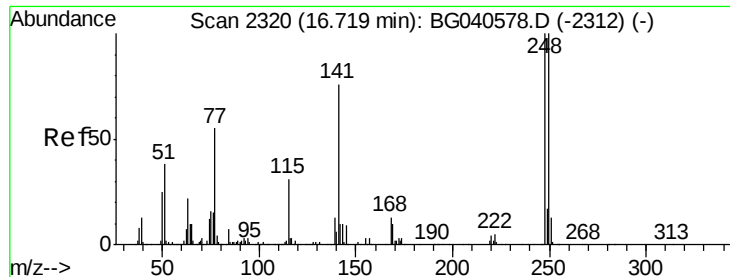


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

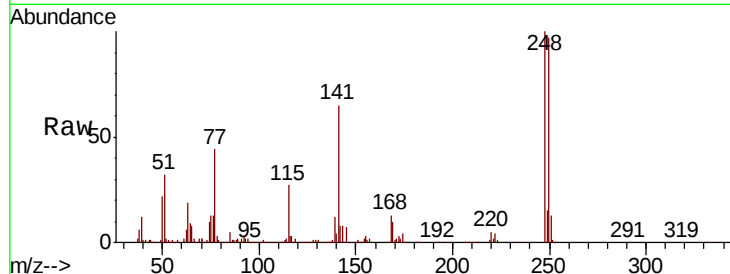




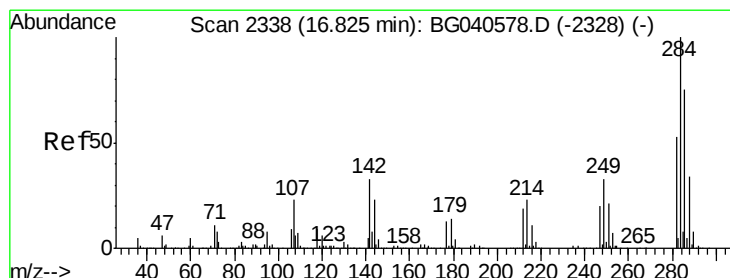
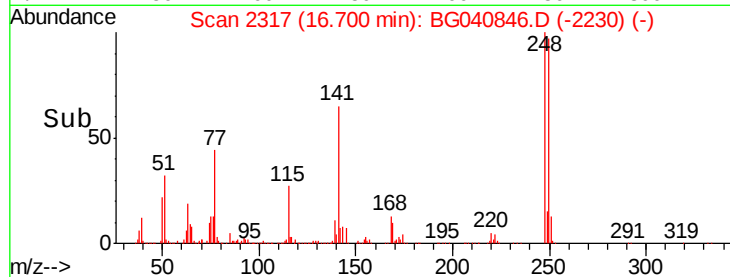
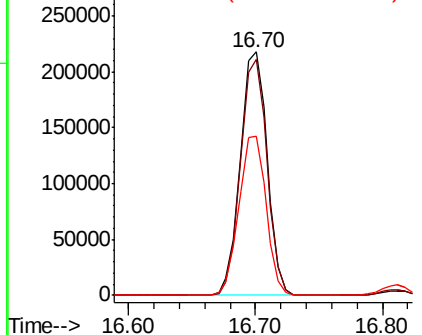
#67
4-Bromophenyl-phenylether
Concen: 57.680 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 319769
Ion Ratio Lower Upper
248 100
250 96.7 79.8 119.6
141 65.4 60.8 91.2

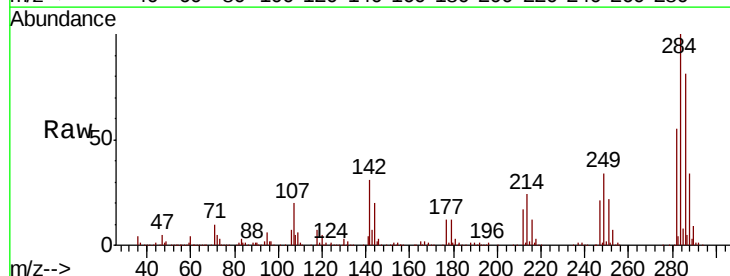


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

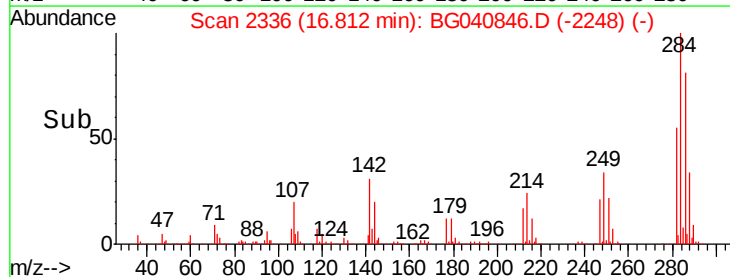
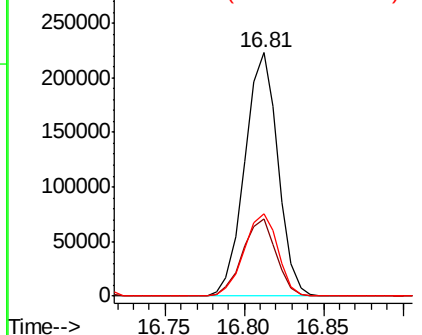


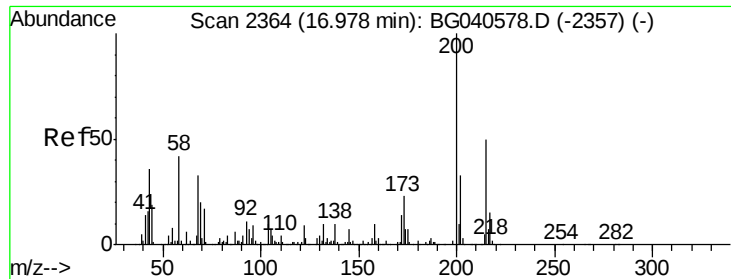
#68
Hexachlorobenzene
Concen: 56.292 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion:284 Resp: 322689
Ion Ratio Lower Upper
284 100
142 31.5 26.6 40.0
249 34.0 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

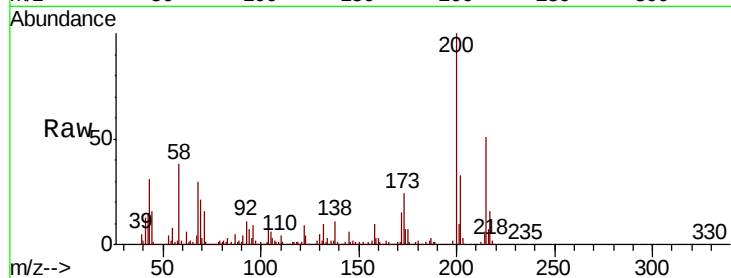




#69
Atrazine
Concen: 58.425 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	2.8	42.8
215	51.1	30.2	70.2

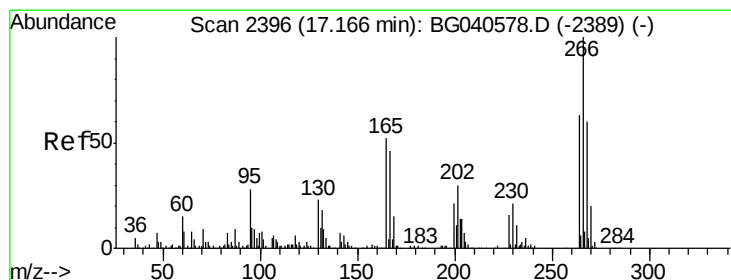
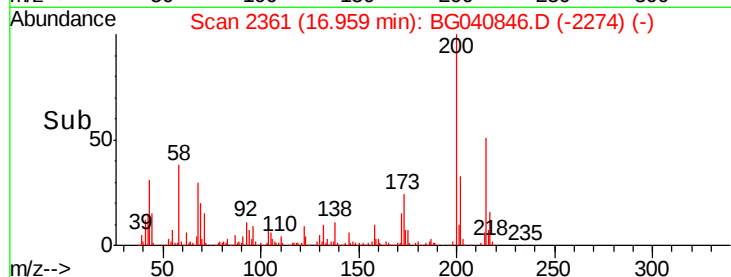
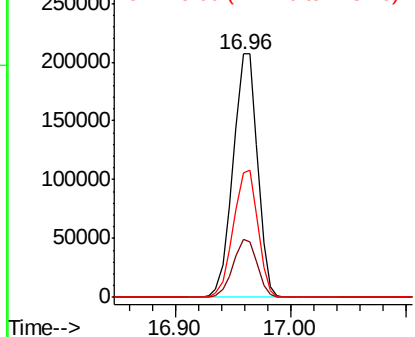


Abundance

Ion 200.00 (199.70 to 200.70): E

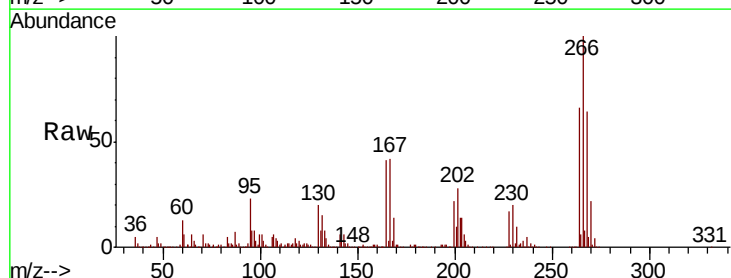
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 127.498 ng
RT: 17.16 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.3	78.5
264	65.7	50.0	75.0

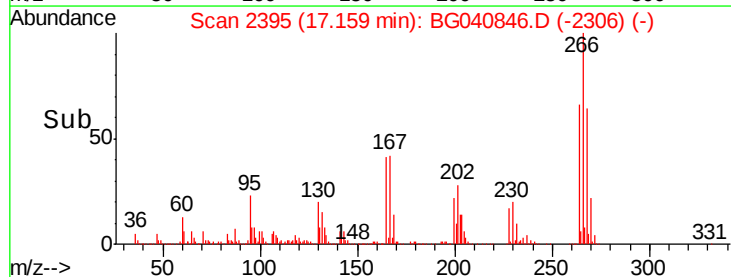
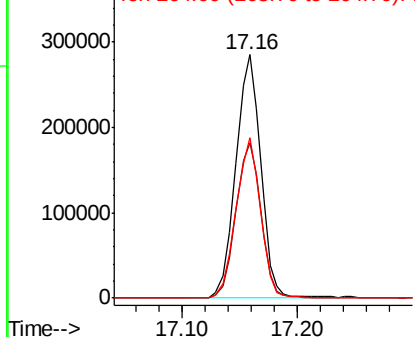


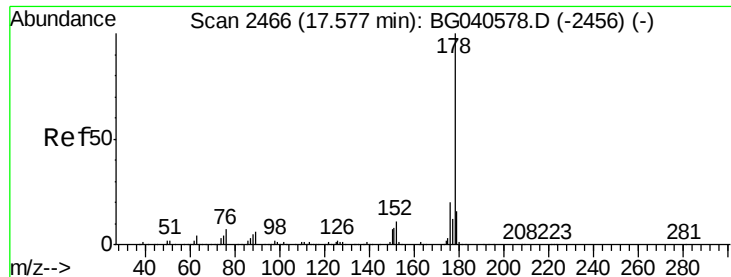
Abundance

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

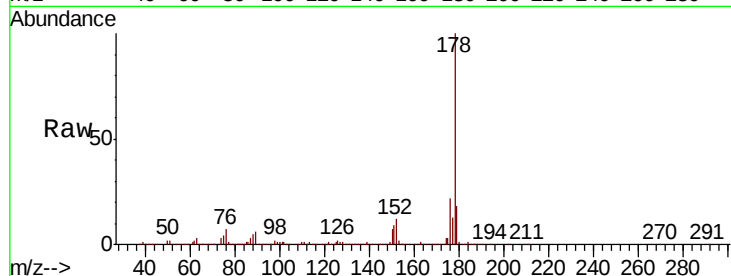




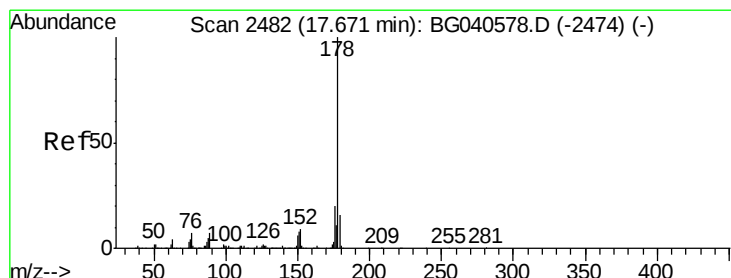
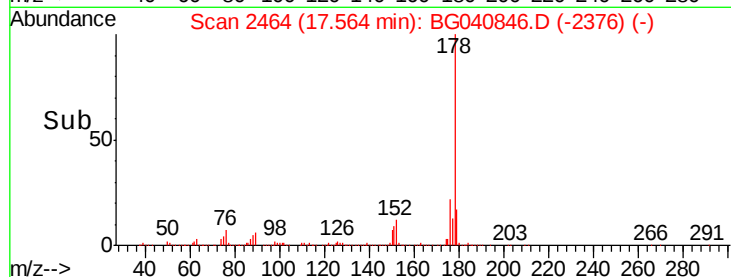
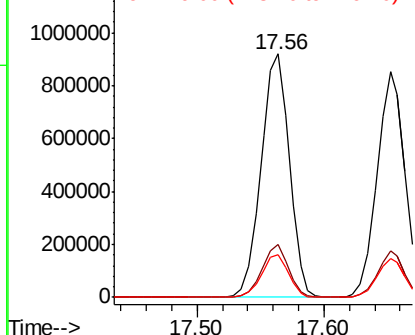
#71
Phenanthrene
Concen: 59.570 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1427778
Ion Ratio Lower Upper
178 100
176 21.6 15.8 23.6
179 17.5 12.6 18.8

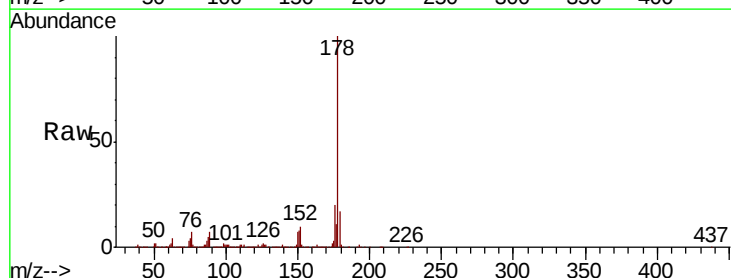


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

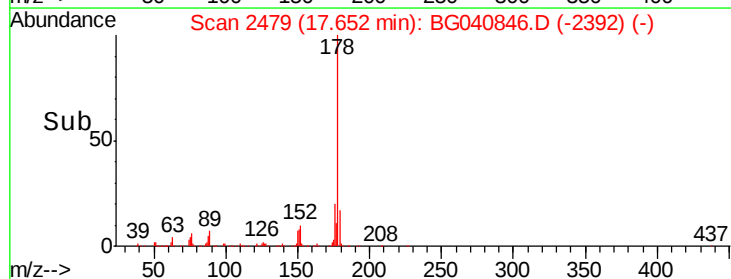
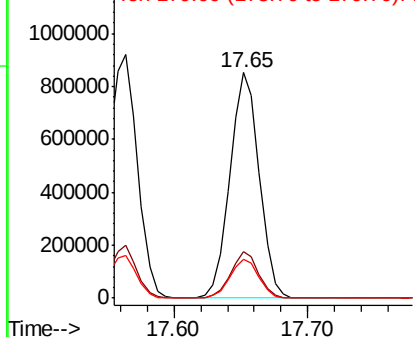


#72
Anthracene
Concen: 53.981 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion:178 Resp: 1300496
Ion Ratio Lower Upper
178 100
176 20.5 15.6 23.4
179 17.4 12.9 19.3



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



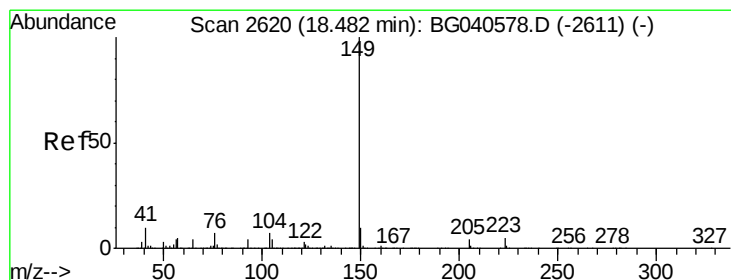
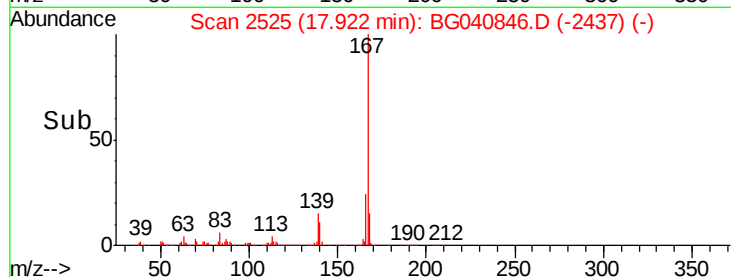
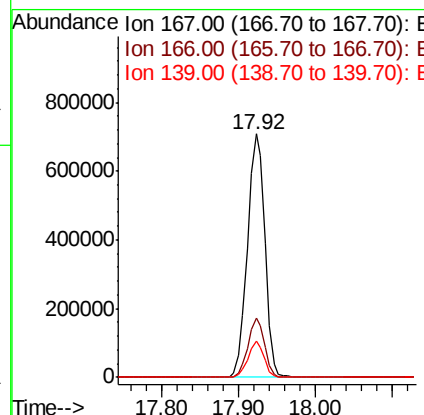
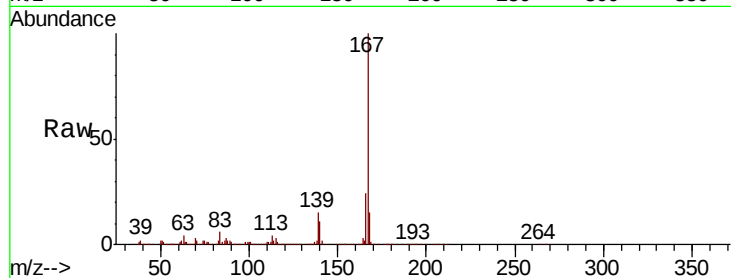


#73
 Carbazole
 Concen: 51.318 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1126407

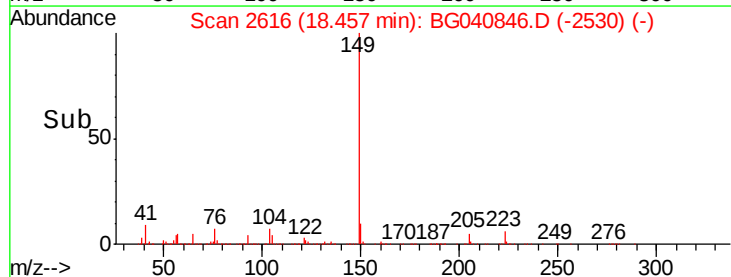
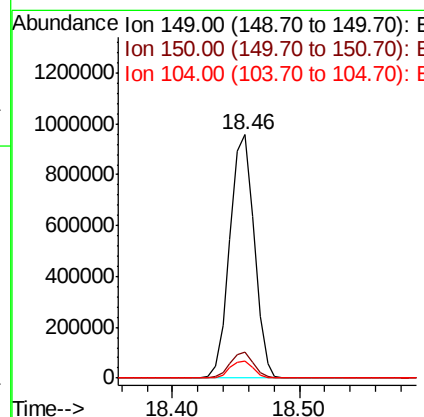
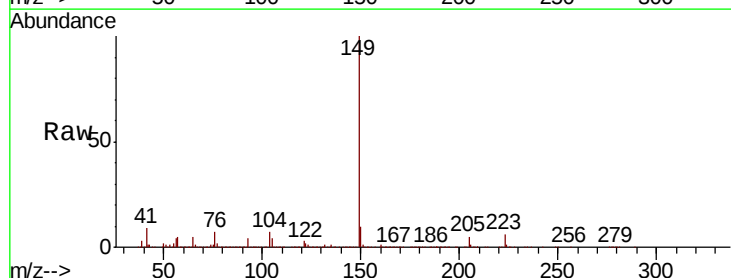
Ion	Ratio	Lower	Upper
167	100		
166	24.2	18.2	27.4
139	14.7	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 47.930 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion:149 Resp: 1269789

Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.2	12.2
104	7.2	5.4	8.2





#75

Fluoranthene

Concen: 60.280 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

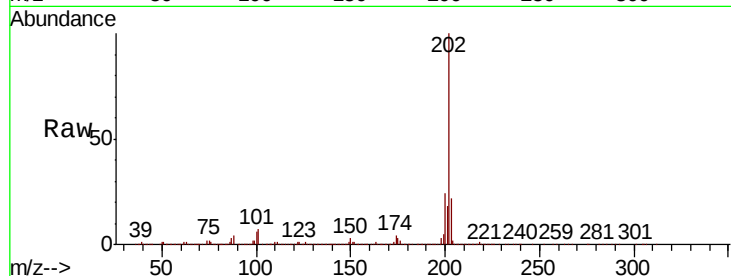
Tot Ion:202 Resp: 1800442

Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.5

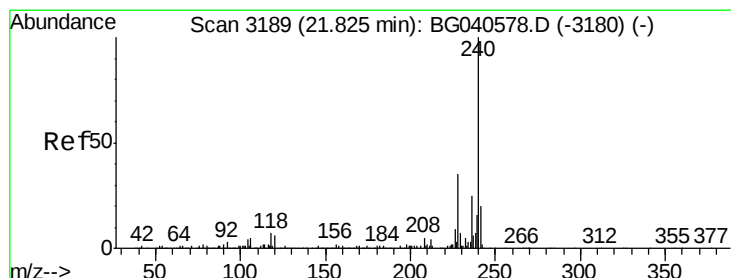
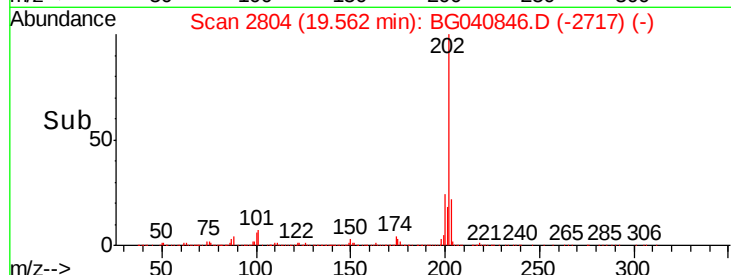
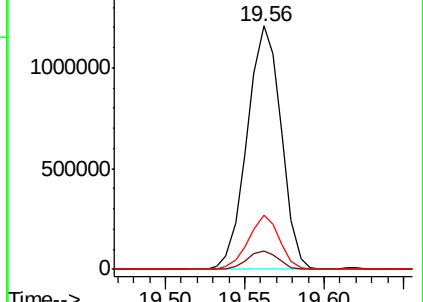
203 22.0 0.0 39.3



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: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

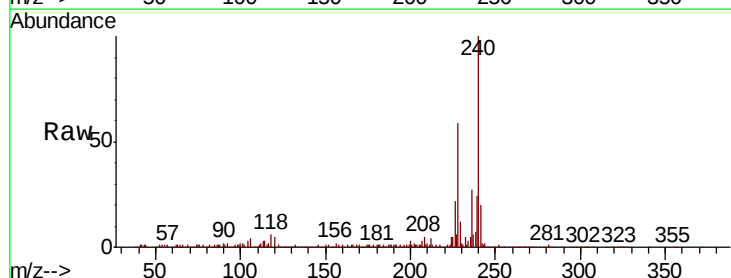
Tgt Ion:240 Resp: 427455

Ion Ratio Lower Upper

240 100

120 5.5 5.0 7.6

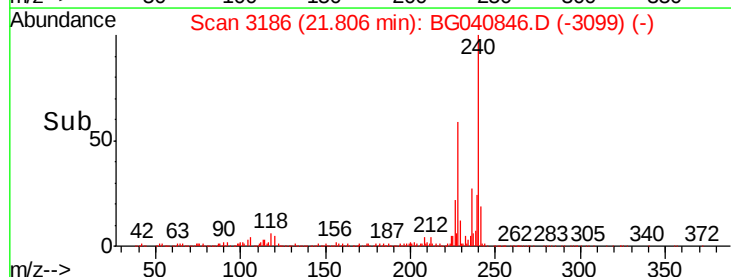
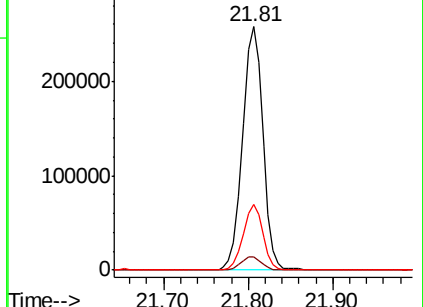
236 27.1 20.3 30.5



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: 13.748 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

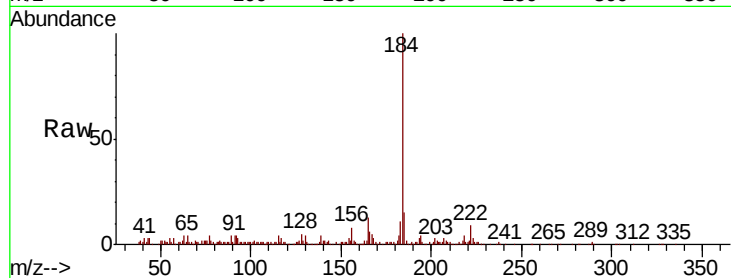
Tot Ion:184 Resp: 160904

Ion Ratio Lower Upper

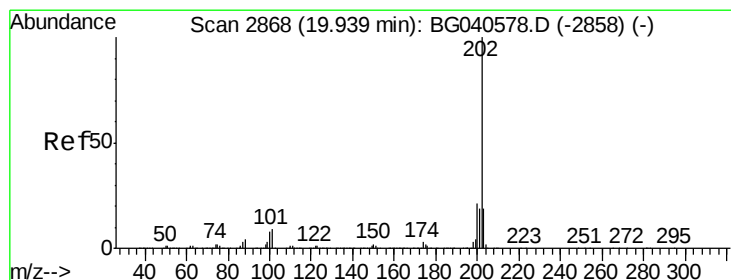
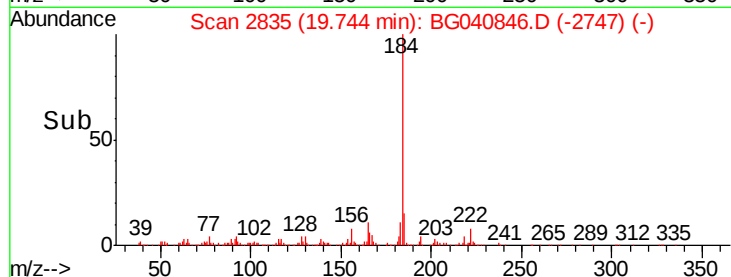
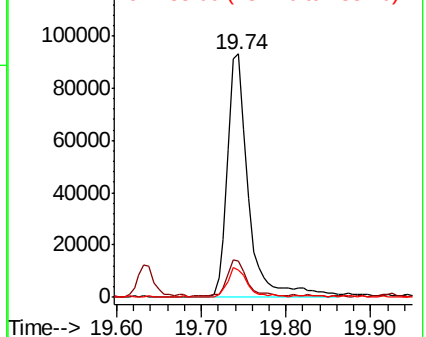
184 100

185 15.0 11.8 17.8

183 11.4 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: 67.203 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.38 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

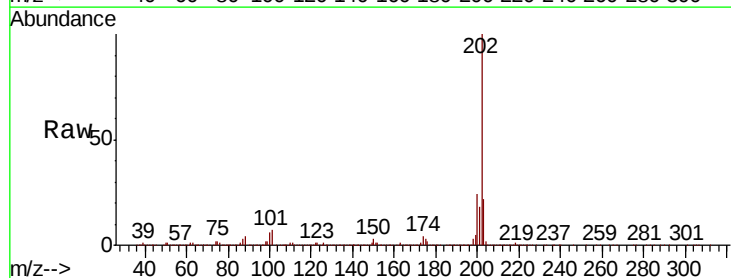
Tgt Ion:202 Resp: 1800442

Ion Ratio Lower Upper

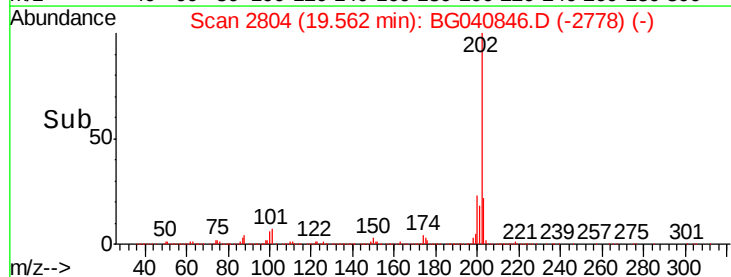
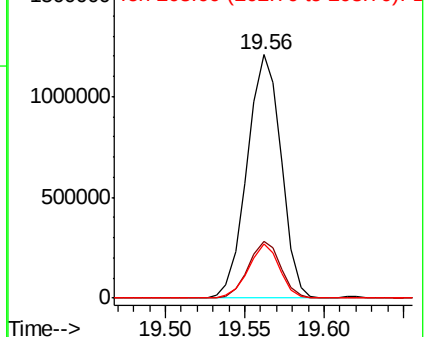
202 100

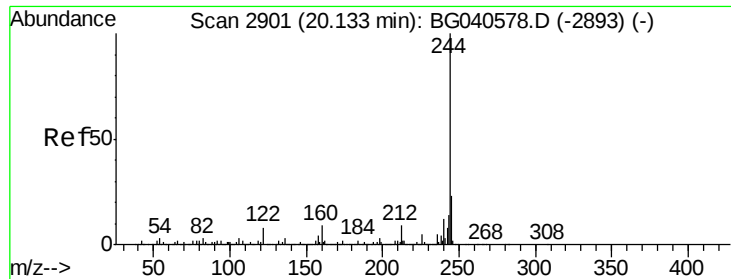
200 23.5 17.2 25.8

203 22.0 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: 88.982 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

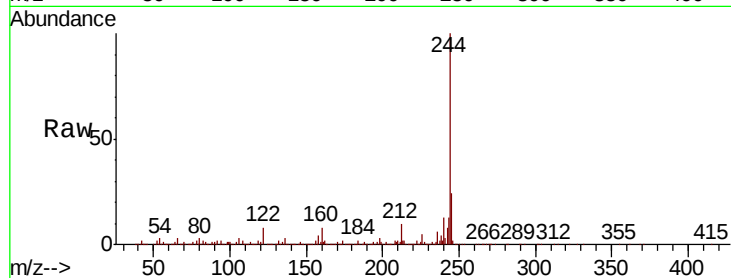
Tot Ion:244 Resp: 1716872

Ion Ratio Lower Upper

244 100

212 9.7 7.2 10.8

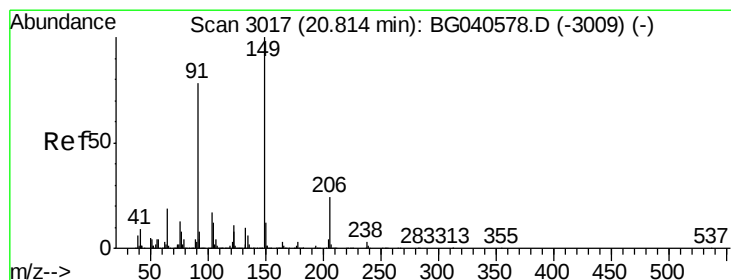
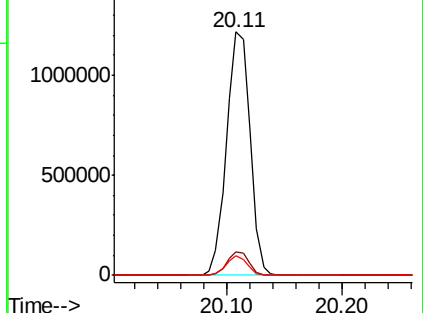
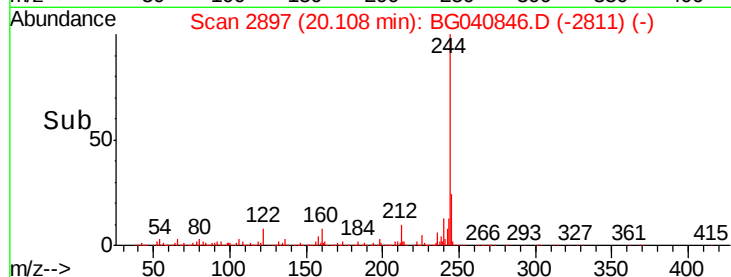
122 7.8 6.6 10.0



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: 56.490 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

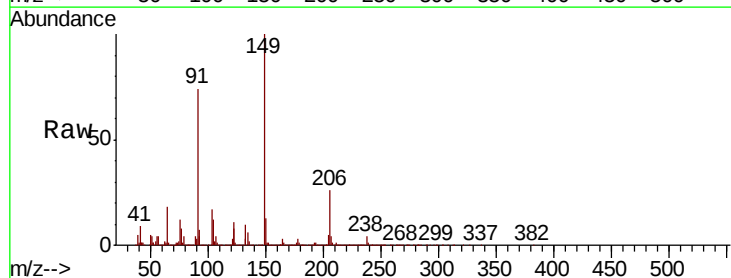
Tgt Ion:149 Resp: 589865

Ion Ratio Lower Upper

149 100

91 74.1 62.6 93.8

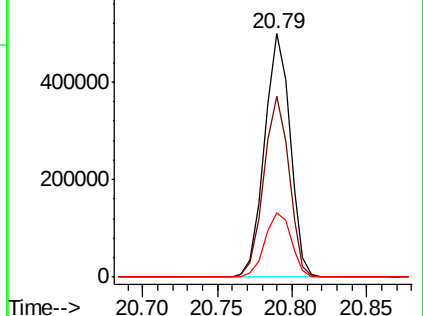
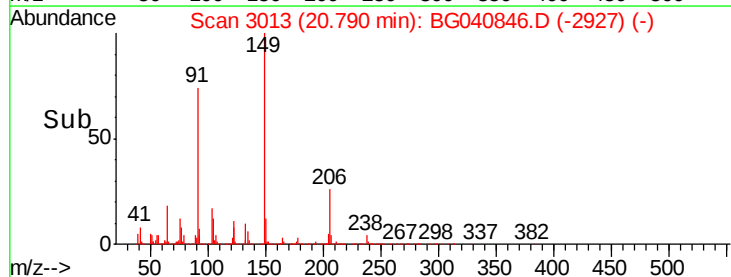
206 26.4 19.4 29.2



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: 63.512 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

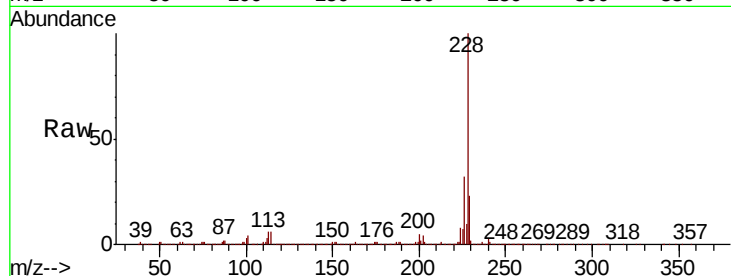
Tot Ion:228 Resp: 1715813

Ion Ratio Lower Upper

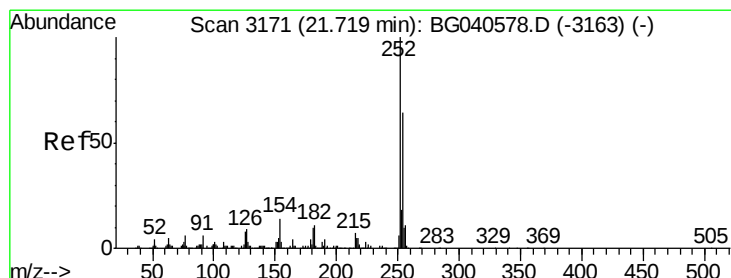
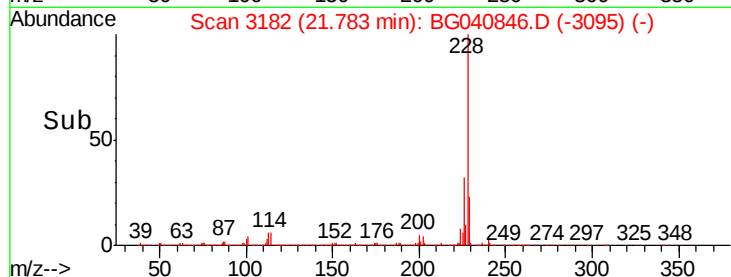
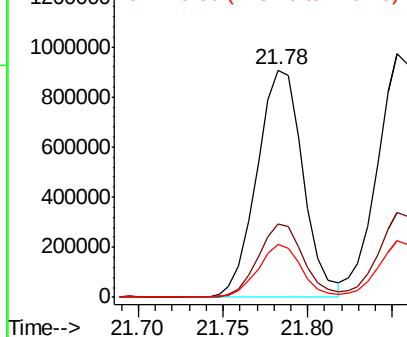
228 100

226 32.3 23.1 34.7

229 23.4 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



#82

3,3'-Dichlorobenzidine

Concen: 27.685 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

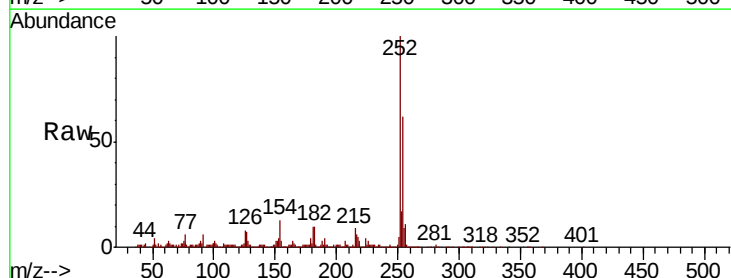
Tgt Ion:252 Resp: 266577

Ion Ratio Lower Upper

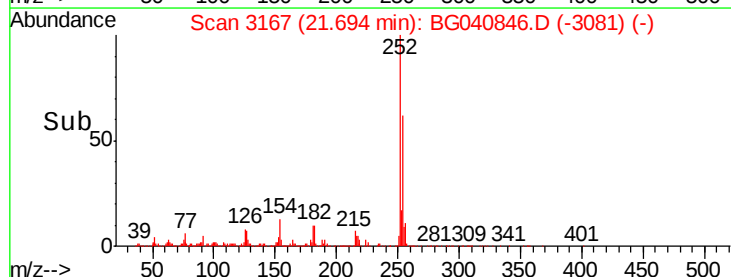
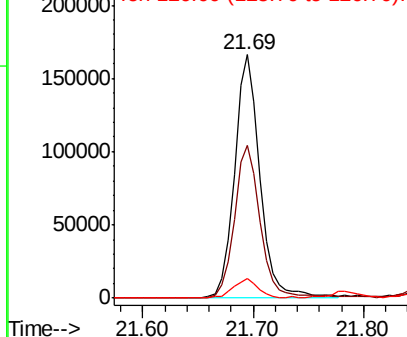
252 100

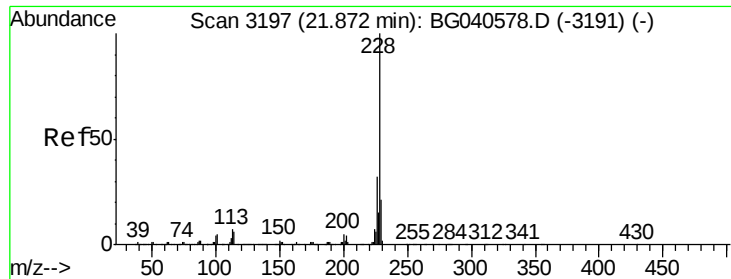
254 62.5 51.2 76.8

126 8.1 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





#83

Chrysene

Concen: 67.495 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

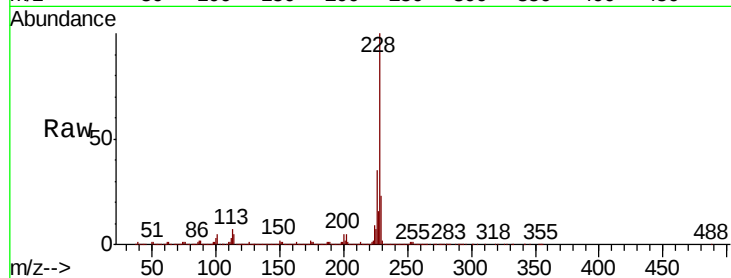
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1734119

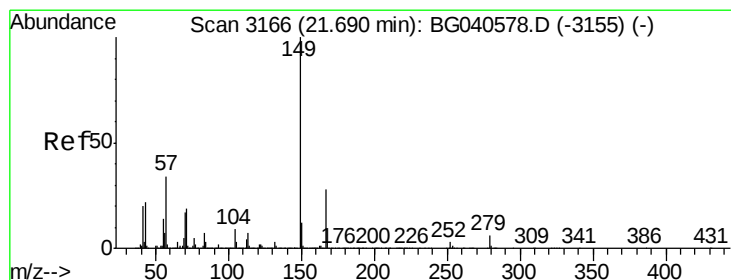
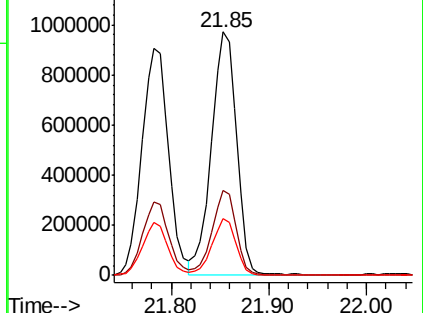
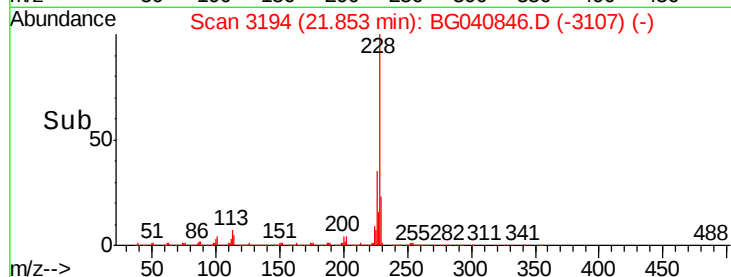
Ion	Ratio	Lower	Upper
228	100		
226	35.0	25.5	38.3
229	23.5	16.8	25.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.300 ng

RT: 21.65 min Scan# 3160

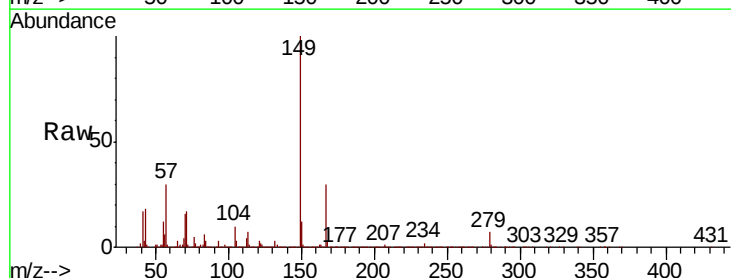
Delta R.T. -0.04 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Tgt Ion:149 Resp: 833537

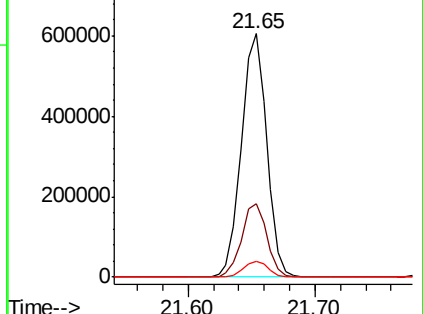
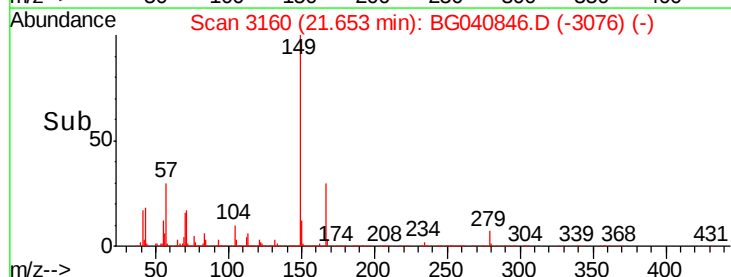
Ion	Ratio	Lower	Upper
149	100		
167	30.3	22.4	33.6
279	6.6	4.6	6.8

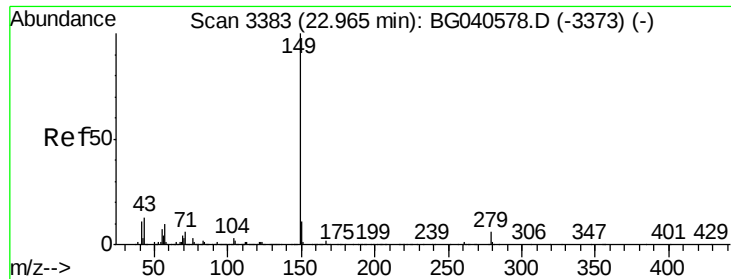


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.991 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.05 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

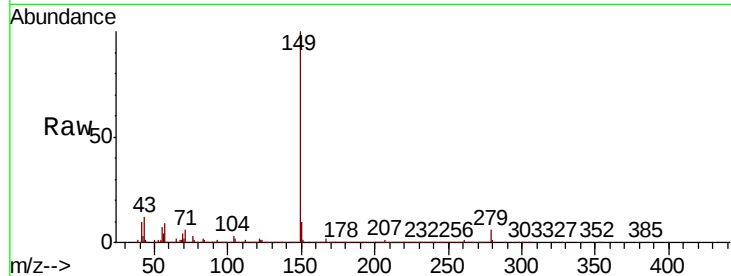
Tot Ion:149 Resp: 1421319

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

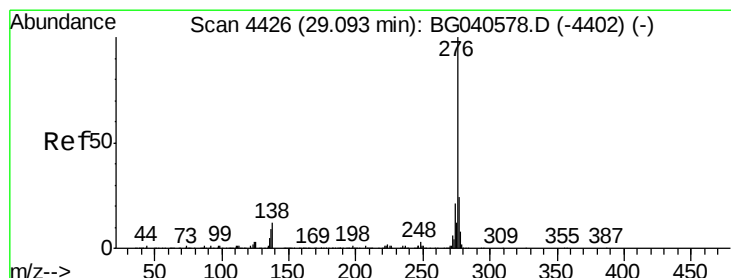
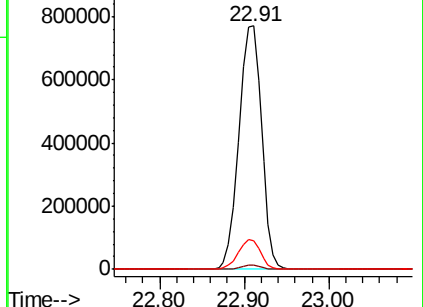
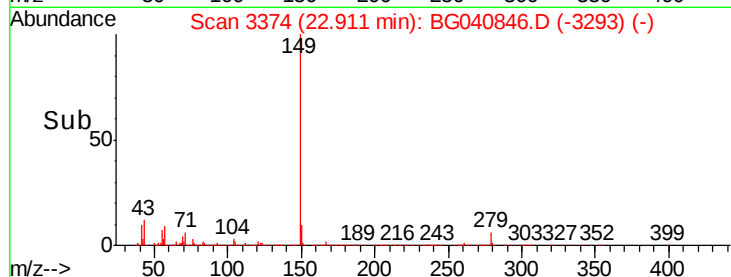
43 11.7 10.2 15.2



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: 62.759 ng

RT: 29.03 min Scan# 4415

Delta R.T. -0.07 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

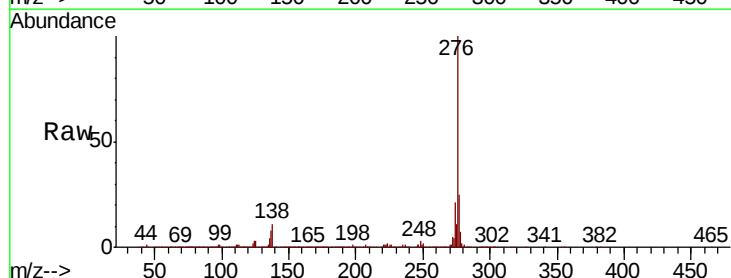
Tgt Ion:276 Resp: 1949501

Ion Ratio Lower Upper

276 100

138 9.0 9.8 14.6#

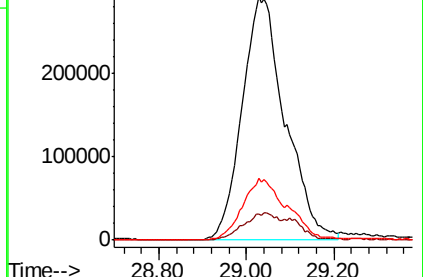
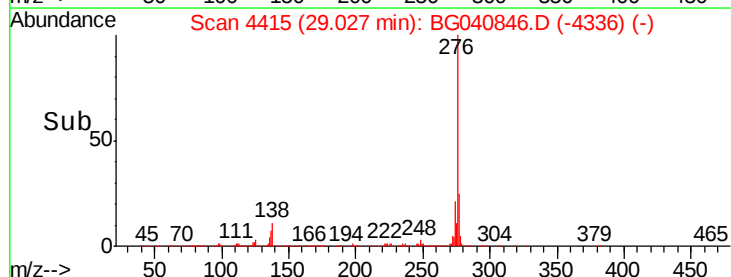
277 26.6 17.3 25.9#



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# 3757

Delta R.T. -0.04 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

Instrument :

BNA_G

ClientSampleId :

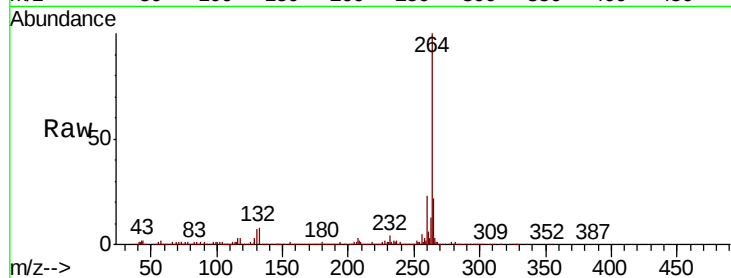
Tot Ion:264 Resp: 469884

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.8 16.6 25.0

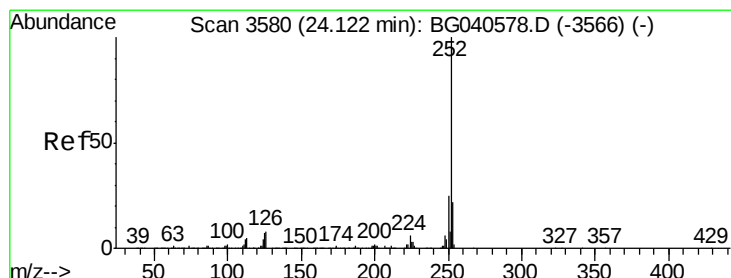
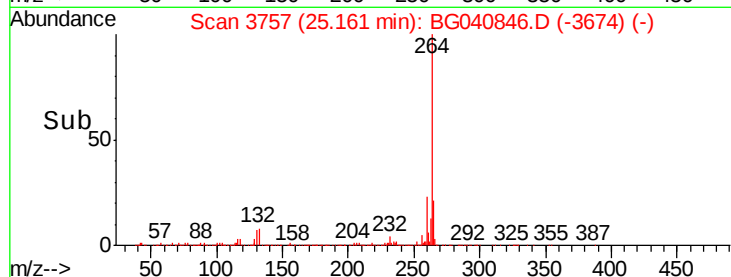
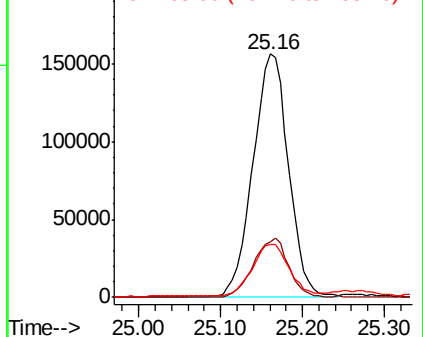


Abundance

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: 63.245 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG040846.D

Acq: 10 May 2019 11:33

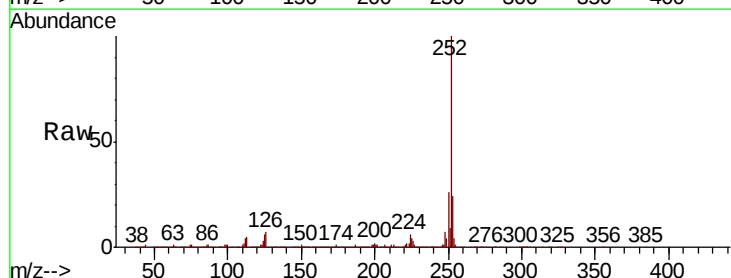
Tgt Ion:252 Resp: 1816015

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

125 5.9 5.4 8.0

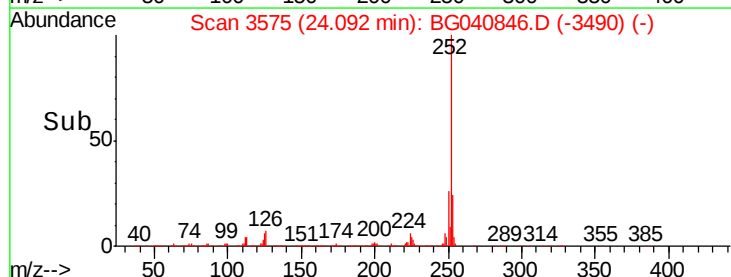
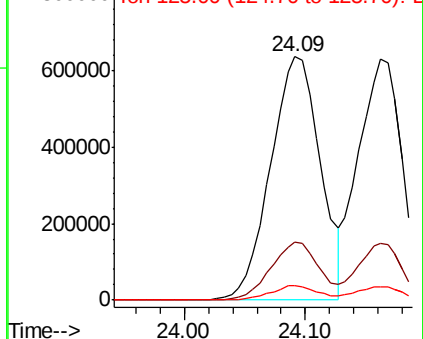


Abundance

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

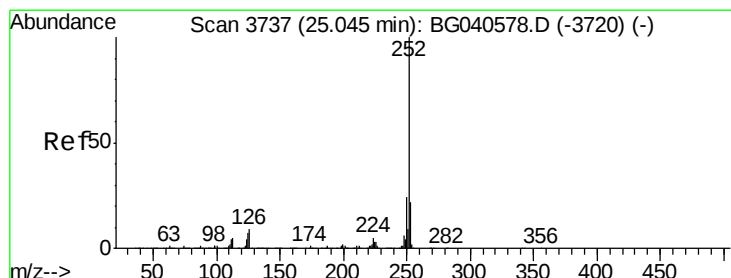
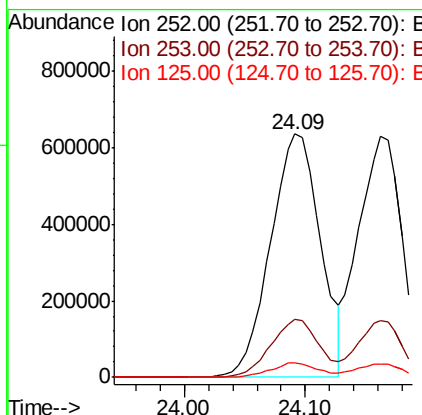
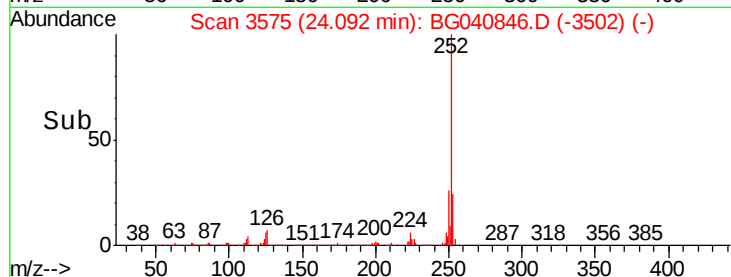
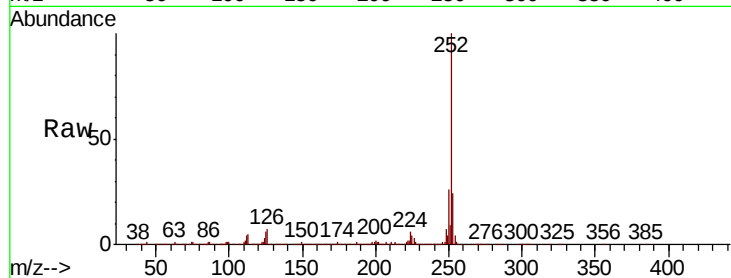




#89
Benzo(k)fluoranthene
Concen: 67.721 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.10 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

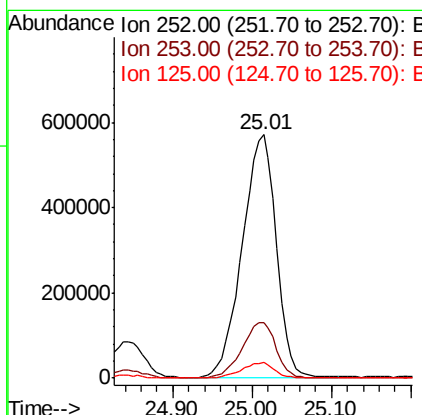
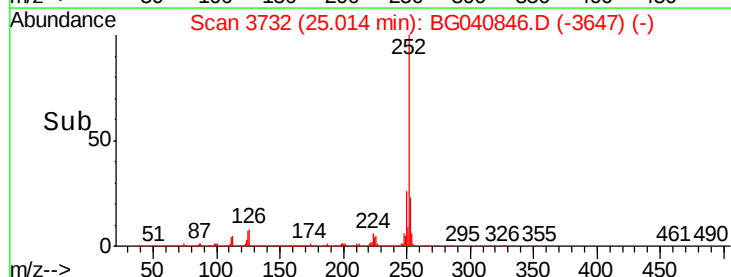
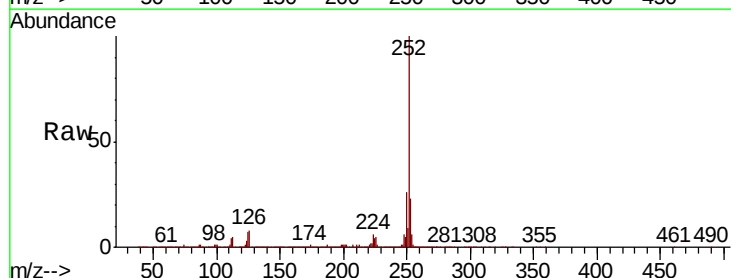
Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1816015
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 5.9 5.5 8.3



#90
Benzo(a)pyrene
Concen: 62.769 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG040846.D
Acq: 10 May 2019 11:33

Tgt Ion:252 Resp: 1706071
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 6.6 5.7 8.5

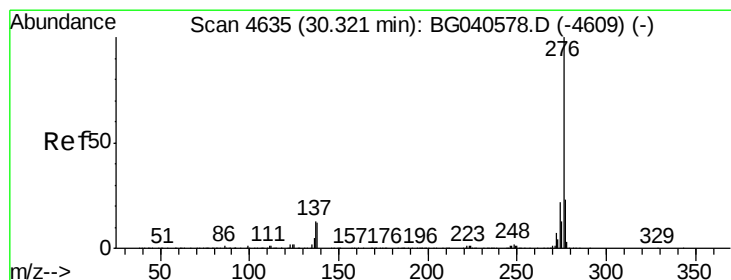
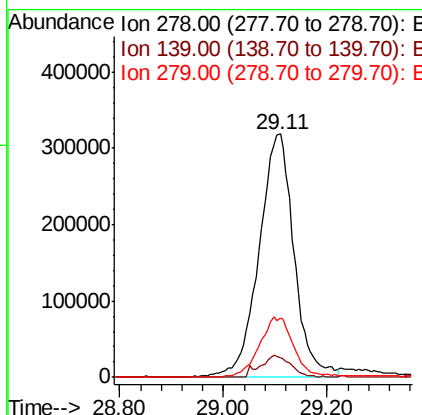
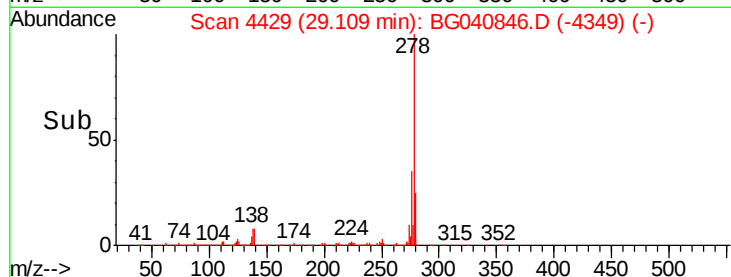
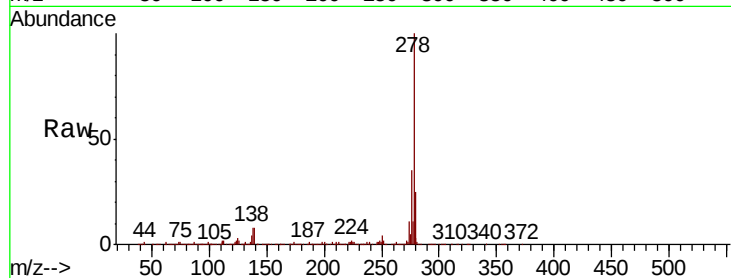




#91
 Dibenzo(a,h)anthracene
 Concen: 53.884 ng
 RT: 29.11 min Scan# 4429
 Delta R.T. -0.06 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:278 Resp: 1482104
 Ion Ratio Lower Upper
 278 100
 139 8.3 8.2 12.4
 279 24.6 18.5 27.7



#92
 Benzo(g,h,i)perylene
 Concen: 60.007 ng
 RT: 30.26 min Scan# 4624
 Delta R.T. -0.07 min
 Lab File: BG040846.D
 Acq: 10 May 2019 11:33

Tgt Ion:276 Resp: 1642640
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.4 27.6
 138 11.7 9.8 14.6

