

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040419\
 Data File : BG040369.D
 Acq On : 4 Apr 2019 21:18
 Operator : JU/SJ
 Sample : PB118610BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 01:21:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58742	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	229106	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	140882	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	375866	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	413580	20.00	ng	-0.04
87) Perylene-d12	24.97	264	418596	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	473401	133.97	ng	-0.02
7) Phenol-d6	7.21	99	631301	129.27	ng	-0.02
23) Nitrobenzene-d5	9.22	82	371474	86.18	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	237498	155.99	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	826004	86.88	ng	-0.02
79) Terphenyl-d14	20.02	244	1493989	81.26	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	68058	40.961	ng	93
3) Pyridine	3.89	79	163467	36.541	ng	100
4) n-Nitrosodimethylamine	3.82	42	77429	37.417	ng	# 87
6) Aniline	7.38	93	169813	26.765	ng	96
8) 2-Chlorophenol	7.61	128	164341	39.731	ng	97
9) Benzaldehyde	7.19	77	107406	32.064	ng	97
10) Phenol	7.23	94	214502	40.468	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	155345	36.591	ng	99
12) 1,3-Dichlorobenzene	7.93	146	174223	38.747	ng	96
13) 1,4-Dichlorobenzene	8.08	146	173030	38.637	ng	99
14) 1,2-Dichlorobenzene	8.40	146	162510	37.946	ng	96
15) Benzyl Alcohol	8.29	79	142975	36.354	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	292650	35.918	ng	98
17) 2-Methylphenol	8.49	107	143672	39.171	ng	96
18) Hexachloroethane	9.12	117	63345	37.186	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	116776	33.352	ng	97
20) 3+4-Methylphenols	8.81	107	197175	39.682	ng	98
22) Acetophenone	8.87	105	233515	40.860	ng	# 98
24) Nitrobenzene	9.26	77	178237	39.933	ng	97
25) Isophorone	9.77	82	339608	38.293	ng	99
26) 2-Nitrophenol	9.97	139	88409	41.802	ng	94
27) 2,4-Dimethylphenol	10.02	122	153477	45.685	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	207055	39.462	ng	98
29) 2,4-Dichlorophenol	10.50	162	160056	43.894	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	167174	41.752	ng	95
31) Naphthalene	10.91	128	485069	41.306	ng	99
32) Benzoic acid	10.15	122	69823	34.400	ng	98
33) 4-Chloroaniline	11.03	127	123097	24.574	ng	96
34) Hexachlorobutadiene	11.17	225	98727	38.555	ng	100
35) Caprolactam	11.81	113	40042	27.671	ng	98
36) 4-Chloro-3-methylphenol	12.14	107	179890	42.912	ng	97
37) 2-Methylnaphthalene	12.51	142	358189	41.241	ng	99
38) 1-Methylnaphthalene	12.73	142	340825	40.468	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	181745	40.589	ng	99

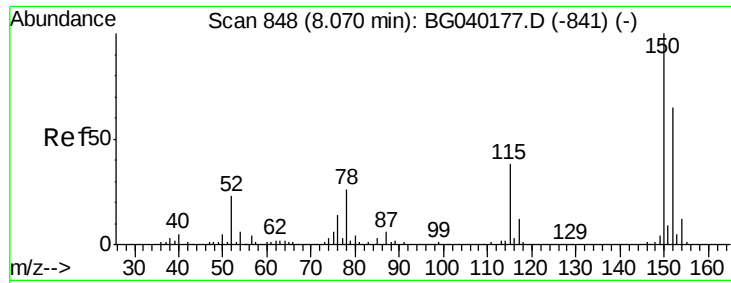
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040419\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	213026	86.645	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	129933	45.007	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	144090	45.791	ng	98
46) 1,1'-Biphenyl	13.51	154	454252	40.808	ng	98
47) 2-Chloronaphthalene	13.56	162	349912	40.980	ng	98
48) 2-Nitroaniline	13.77	65	123847	43.000	ng	90
49) Acenaphthylene	14.40	152	590253	40.772	ng	99
50) Dimethylphthalate	14.13	163	462754	41.969	ng	100
51) 2,6-Dinitrotoluene	14.26	165	109475	44.219	ng	90
52) Acenaphthene	14.74	154	339354	40.908	ng	98
53) 3-Nitroaniline	14.60	138	80318	30.648	ng	92
54) 2,4-Dinitrophenol	14.80	184	113337	86.080	ng	92
55) Dibenzofuran	15.07	168	570925	42.831	ng	99
56) 4-Nitrophenol	14.90	139	193330	91.406	ng	98
57) 2,4-Dinitrotoluene	15.04	165	155539	45.214	ng	# 95
58) Fluorene	15.73	166	448010	42.749	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	138978	48.671	ng	99
60) Diethylphthalate	15.48	149	493592	43.747	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	236471	42.213	ng	96
62) 4-Nitroaniline	15.76	138	129719	46.124	ng	98
63) Azobenzene	16.00	77	451167	42.393	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	86482	40.954	ng	97
66) n-Nitrosodiphenylamine	15.93	169	434540	39.508	ng	96
67) 4-Bromophenyl-phenylether	16.61	248	160049	37.838	ng	96
68) Hexachlorobenzene	16.72	284	165643	38.949	ng	96
69) Atrazine	16.87	200	163667	40.002	ng	98
70) Pentachlorophenol	17.07	266	198584	80.766	ng	96
71) Phenanthrene	17.46	178	806773	40.836	ng	99
72) Anthracene	17.56	178	830932	42.021	ng	99
73) Carbazole	17.83	167	808882	43.223	ng	100
74) Di-n-butylphthalate	18.36	149	935417	42.168	ng	100
75) Fluoranthene	19.47	202	1042168	44.549	ng	99
77) Benzidine	19.66	184	420832	28.178	ng	98
78) Pyrene	19.83	202	1054709	38.780	ng	99
80) Butylbenzylphthalate	20.70	149	464904	39.946	ng	97
81) Benzo(a)anthracene	21.68	228	986873	38.740	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	255346	26.350	ng	99
83) Chrysene	21.74	228	979641	40.014	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	654834	39.361	ng	99
85) Di-n-octyl phthalate	22.76	149	1137699	40.138	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1233180	41.184	ng	99
88) Benzo(b)fluoranthene	23.92	252	1072127	41.834	ng	99
89) Benzo(k)fluoranthene	23.99	252	1047265	44.436	ng	98
90) Benzo(a)pyrene	24.81	252	1057433	43.976	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	998499	44.710	ng	98
92) Benzo(g,h,i)perylene	29.91	276	1035429	45.114	ng	97

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

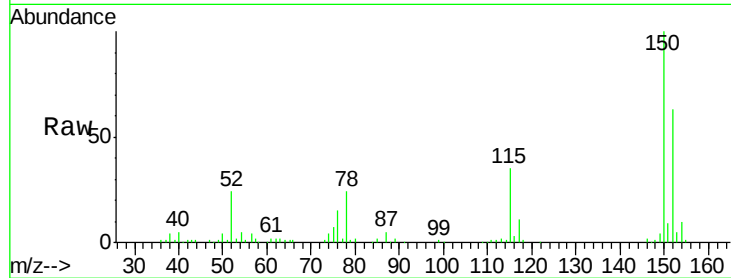


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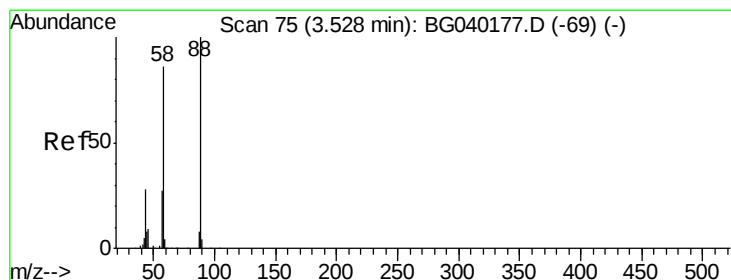
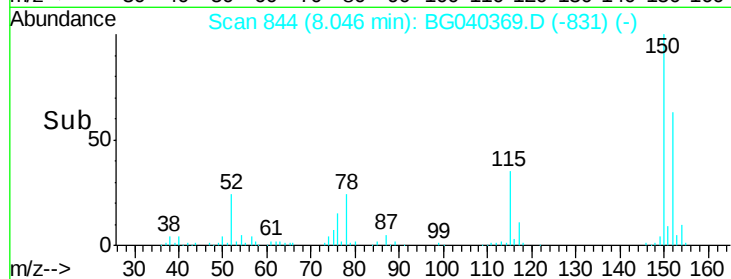
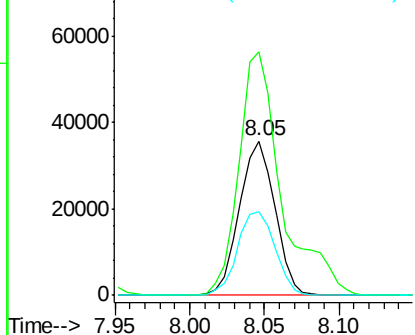
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58742
Ion Ratio Lower Upper
152 100
150 157.9 123.7 185.5
115 54.5 46.9 70.3



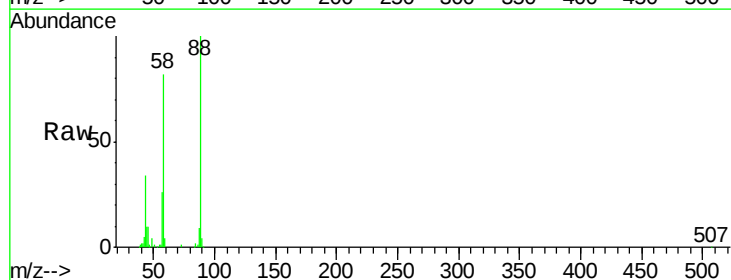
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



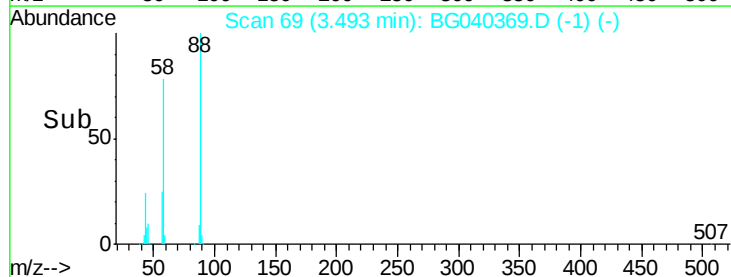
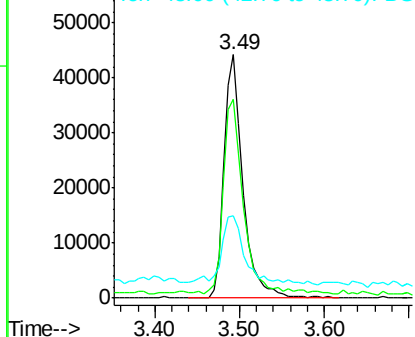
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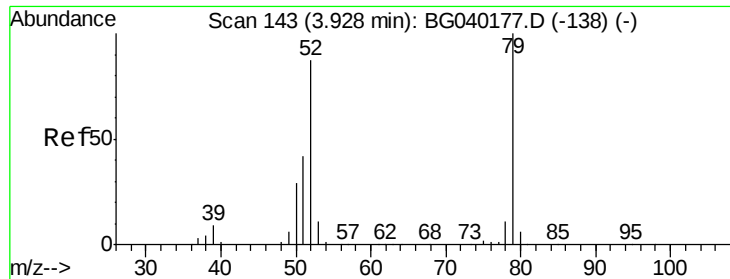
1,4-Dioxane
Concen: 40.961 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.04 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion: 88 Resp: 68058
Ion Ratio Lower Upper
88 100
58 82.3 70.6 106.0
43 34.6 24.8 37.2



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: 36.541 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.04 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampled :

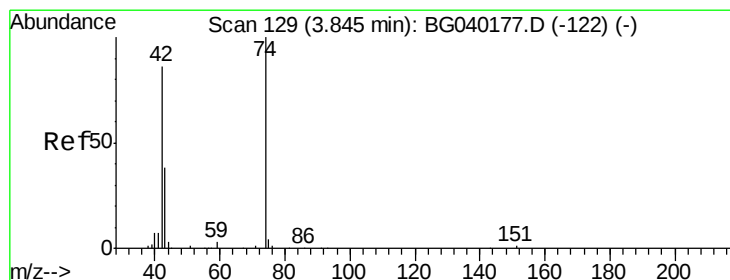
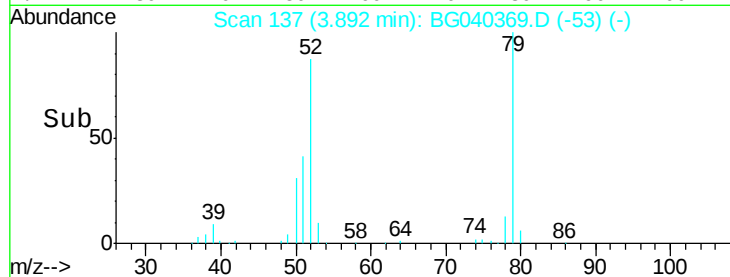
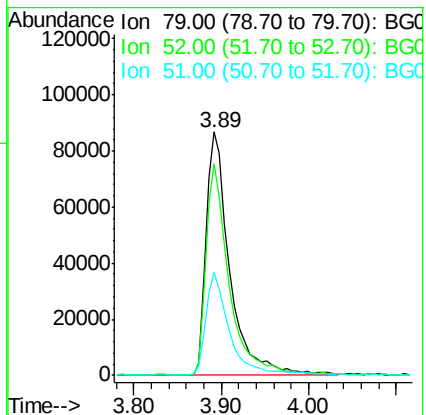
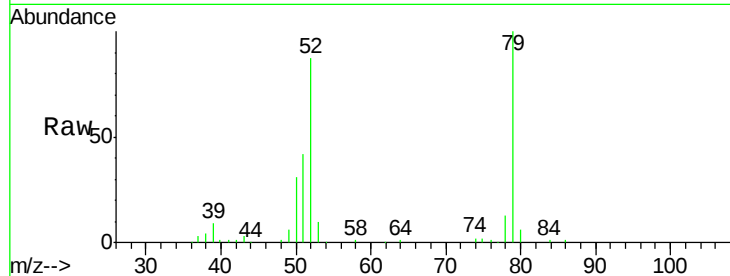
Tot Ion: 79 Resp: 163467

Ion Ratio Lower Upper

79 100

52 87.0 69.8 104.8

51 42.4 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.417 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

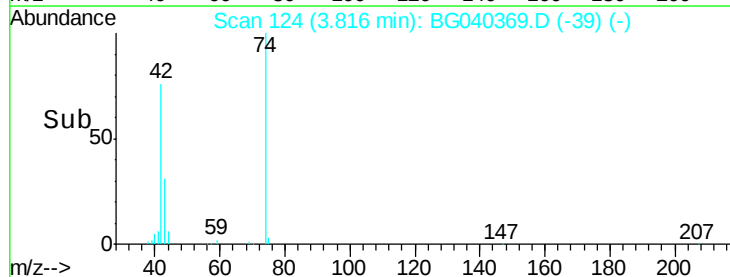
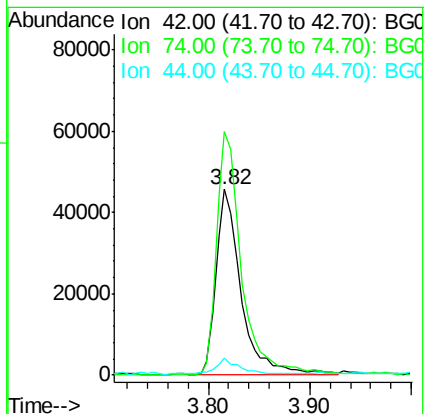
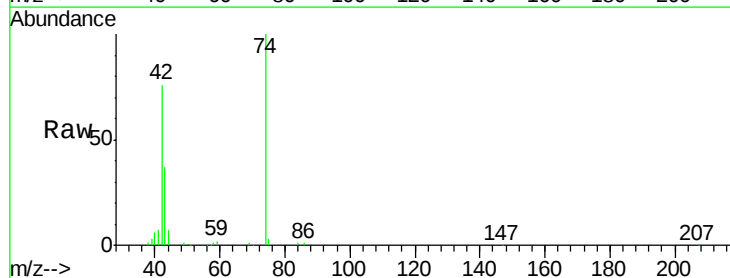
Tgt Ion: 42 Resp: 77429

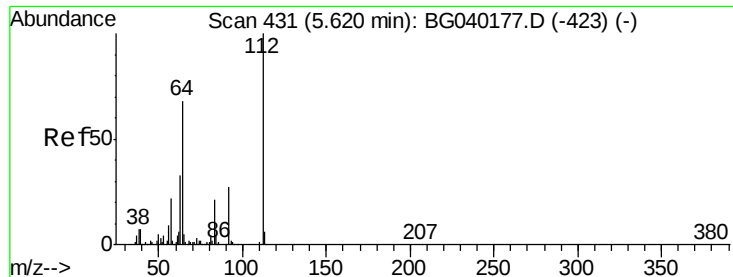
Ion Ratio Lower Upper

42 100

74 131.3 92.9 139.3

44 9.0 9.7 14.5#





#5

2-Fluorophenol

Concen: 133.974 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040369.D

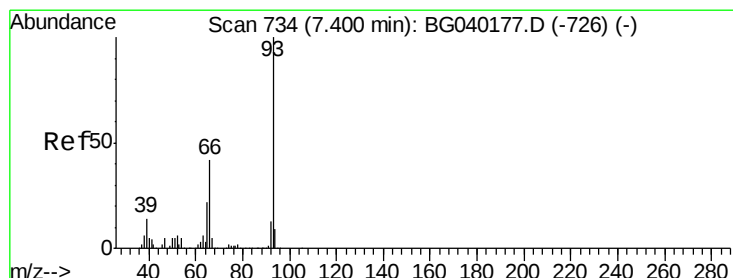
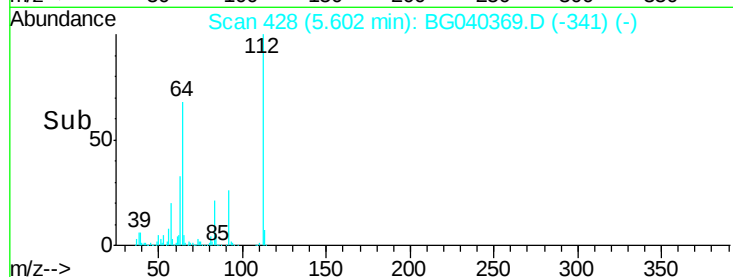
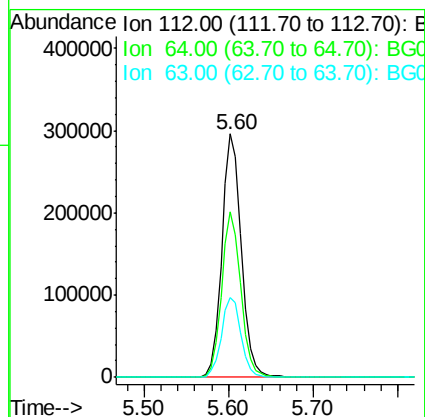
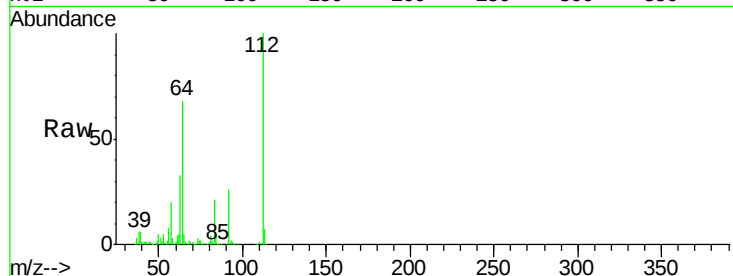
Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	473401
Ion	Ratio	Lower	Upper
112	100		
64	68.0	54.2	81.2
63	32.8	26.4	39.6



#6

Aniline

Concen: 26.765 ng

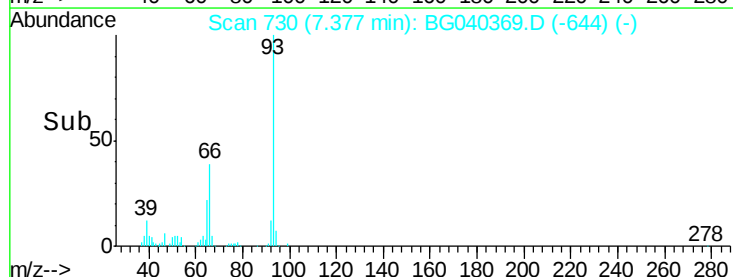
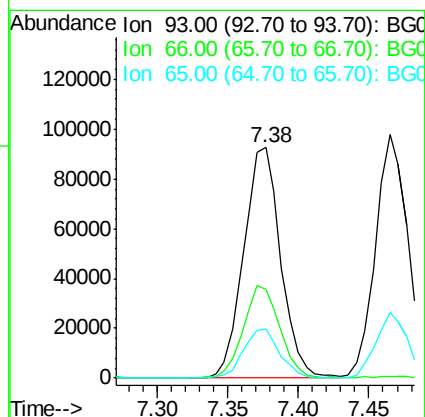
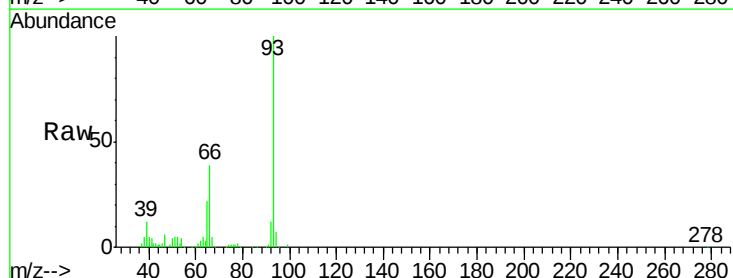
RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion:	93	Resp:	169813
Ion	Ratio	Lower	Upper
93	100		
66	38.8	33.6	50.4
65	21.5	17.4	26.2





#7

Phenol-d6

Concen: 129.275 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampled :

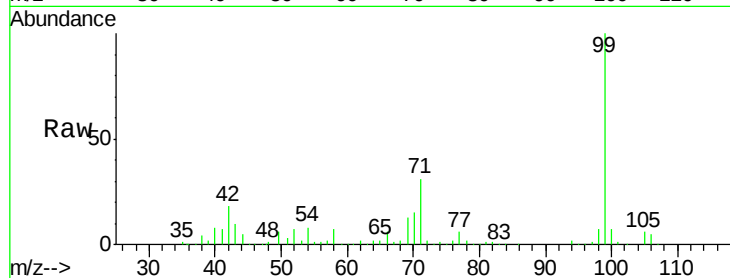
Tot Ion: 99 Resp: 631301

Ion Ratio Lower Upper

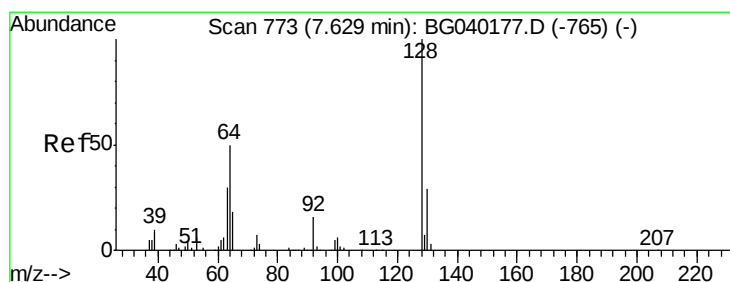
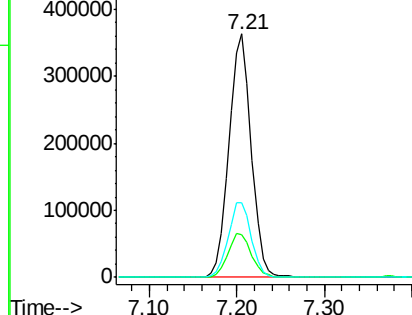
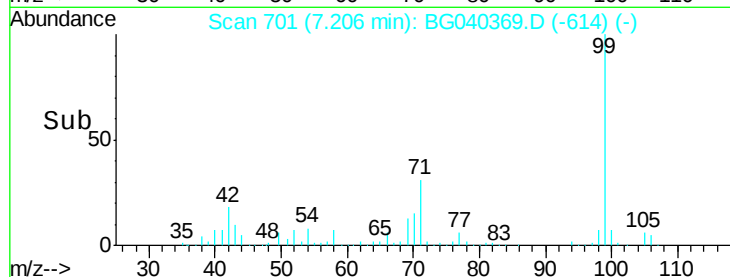
99 100

42 17.8 16.2 24.2

71 30.9 26.8 40.2



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: 39.731 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

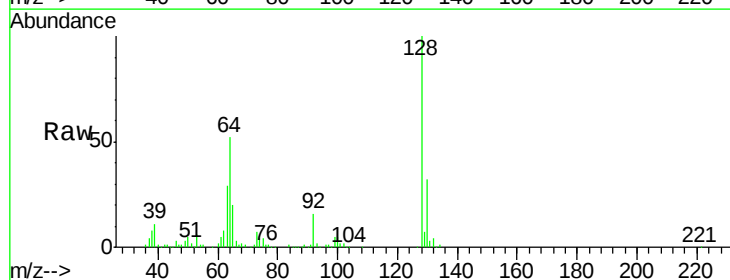
Tgt Ion: 128 Resp: 164341

Ion Ratio Lower Upper

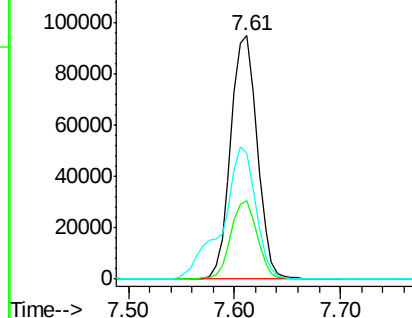
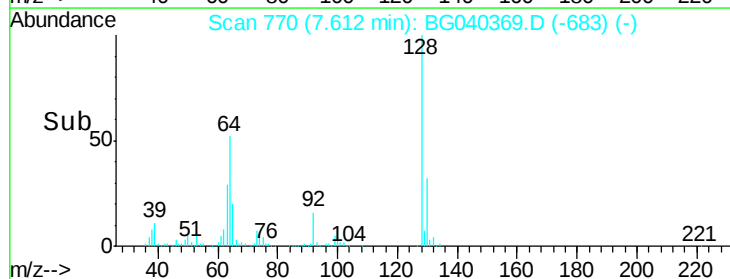
128 100

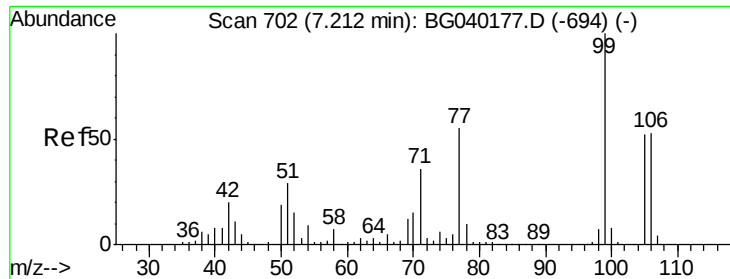
130 32.4 9.1 49.1

64 51.9 33.1 73.1



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: 32.064 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampled :

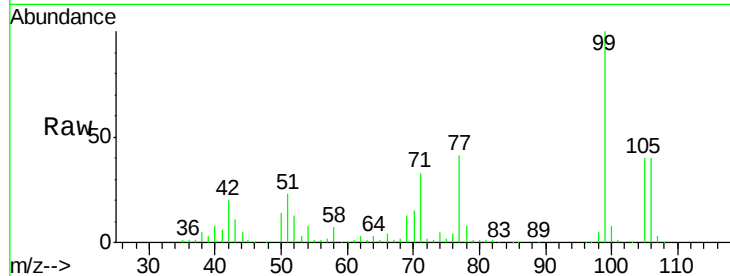
Tot Ion: 77 Resp: 107406

Ion Ratio Lower Upper

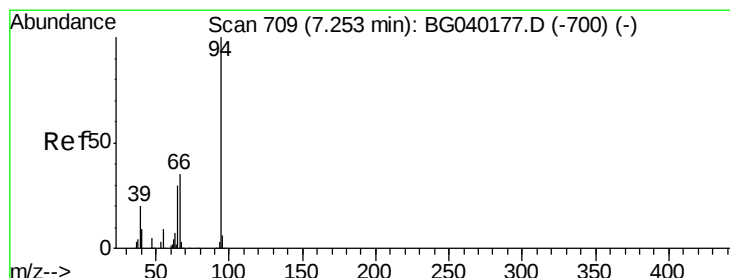
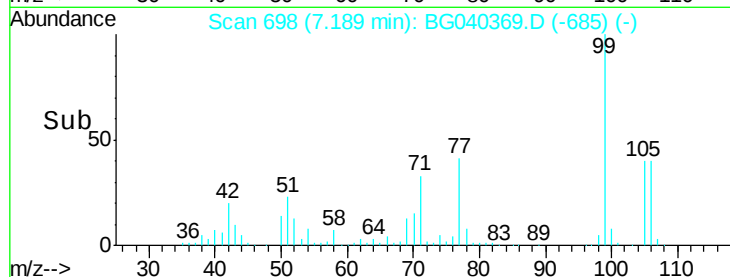
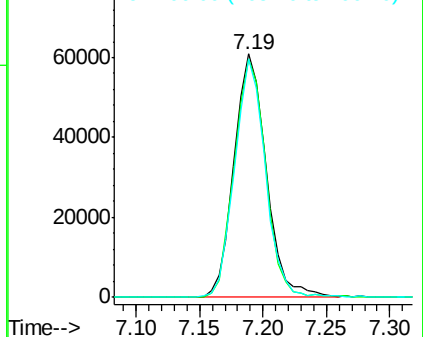
77 100

105 98.1 75.0 115.0

106 98.1 75.7 115.7



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



#10

Phenol

Concen: 40.468 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

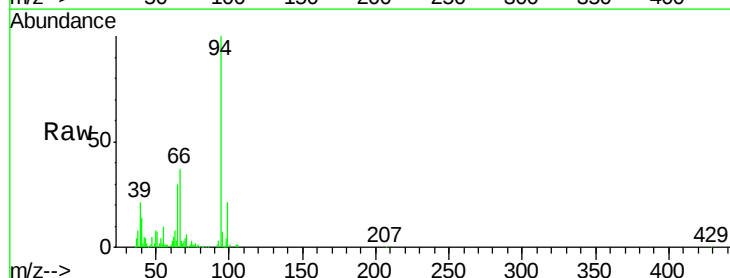
Tgt Ion: 94 Resp: 214502

Ion Ratio Lower Upper

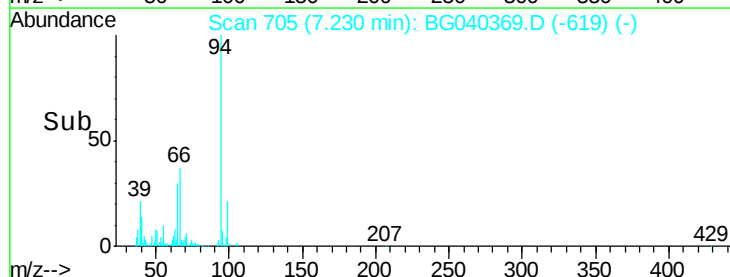
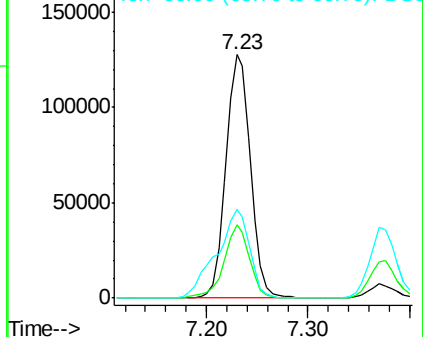
94 100

65 30.0 10.5 50.5

66 36.6 16.9 56.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

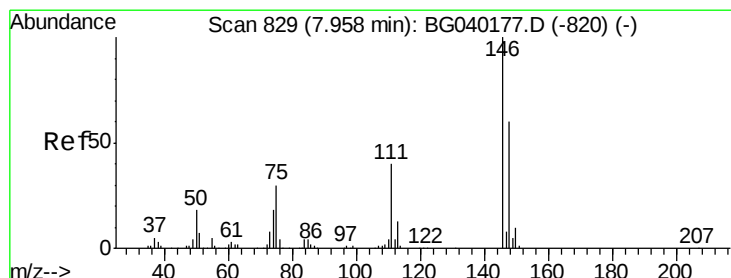
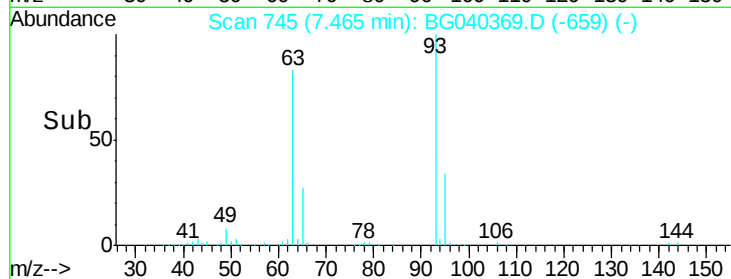
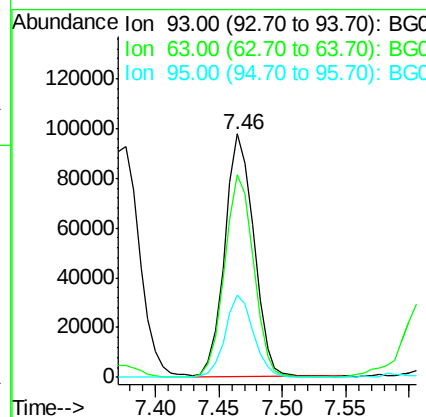
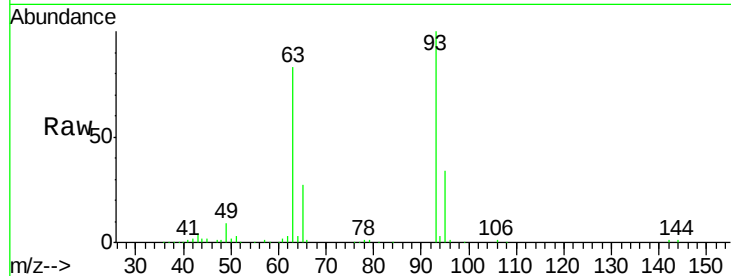




#11
 bis(2-Chloroethyl)ether
 Concen: 36.591 ng
 RT: 7.46 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

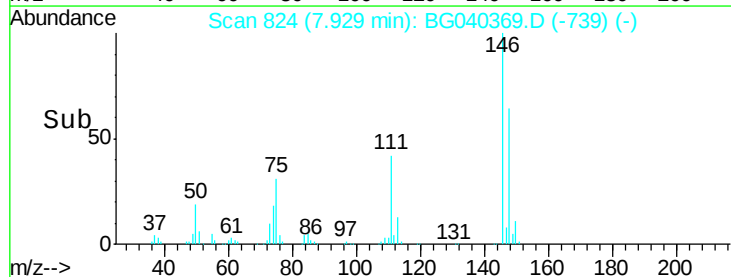
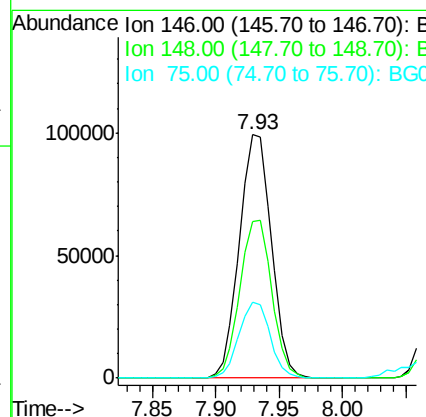
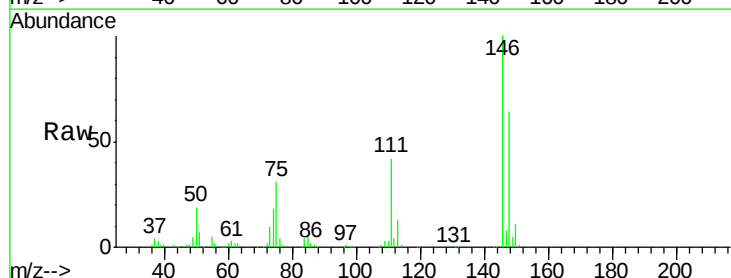
Instrument :
 BNA_G
 ClientSampleId :

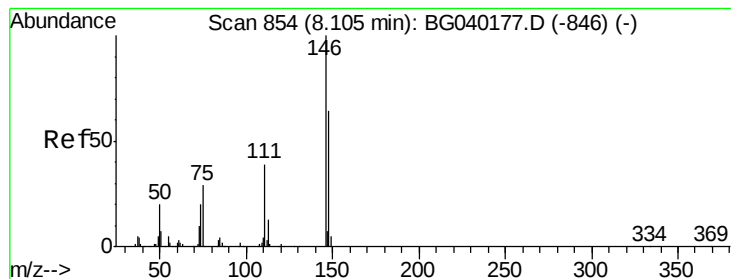
Tot Ion: 93 Resp: 155345
 Ion Ratio Lower Upper
 93 100
 63 83.2 64.2 104.2
 95 33.6 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 38.747 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion: 146 Resp: 174223
 Ion Ratio Lower Upper
 146 100
 148 64.2 48.2 72.2
 75 31.0 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 38.637 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampled :

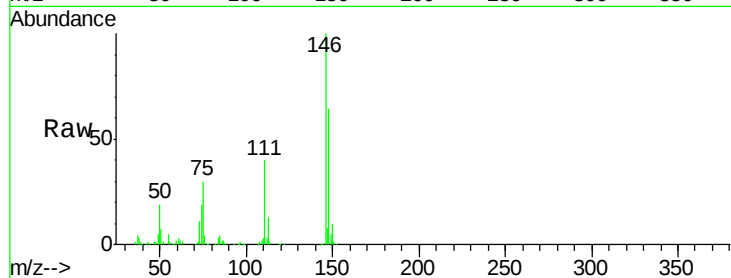
Tot Ion:146 Resp: 173030

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.4

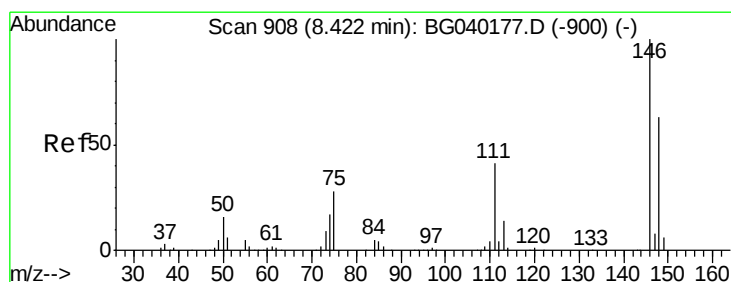
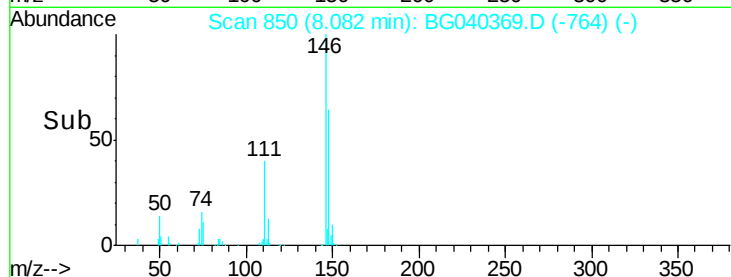
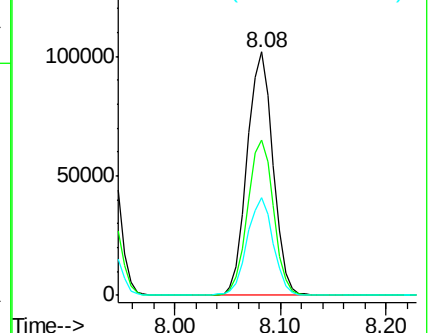
111 40.2 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.946 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

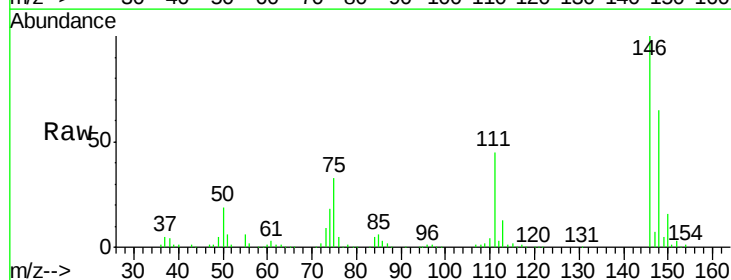
Tgt Ion:146 Resp: 162510

Ion Ratio Lower Upper

146 100

148 65.3 50.8 76.2

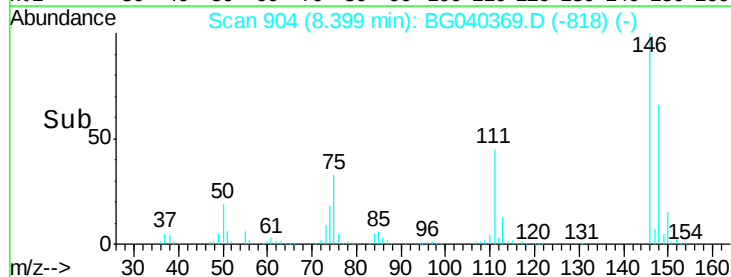
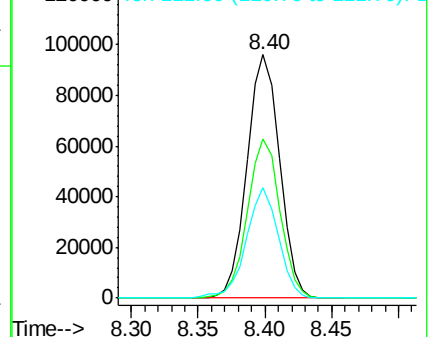
111 45.2 33.4 50.0



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: 36.354 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

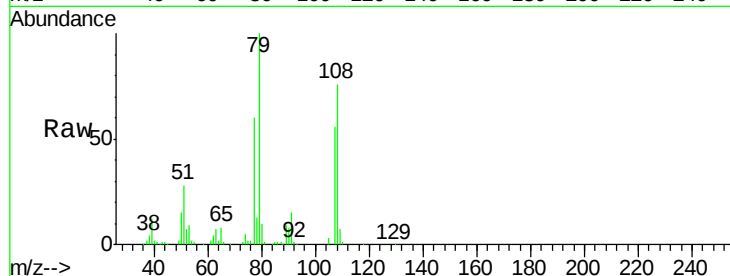
Tot Ion: 79 Resp: 142975

Ion Ratio Lower Upper

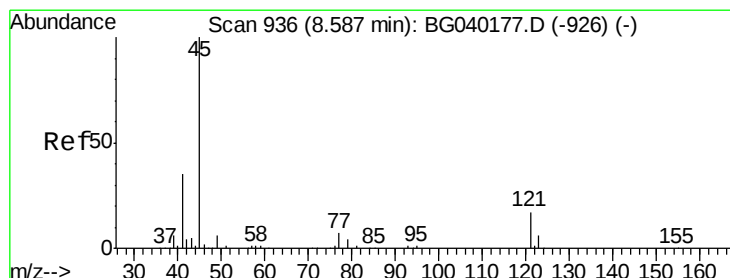
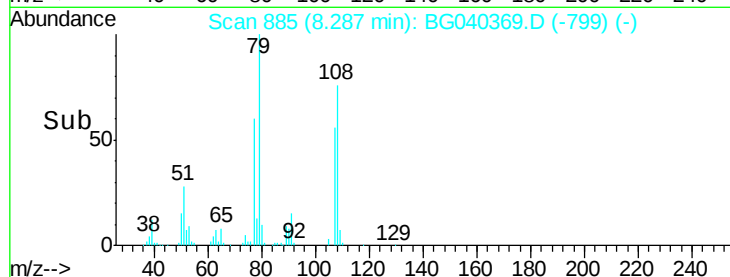
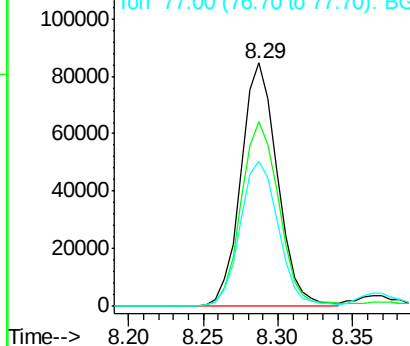
79 100

108 75.8 62.1 93.1

77 59.8 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.918 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

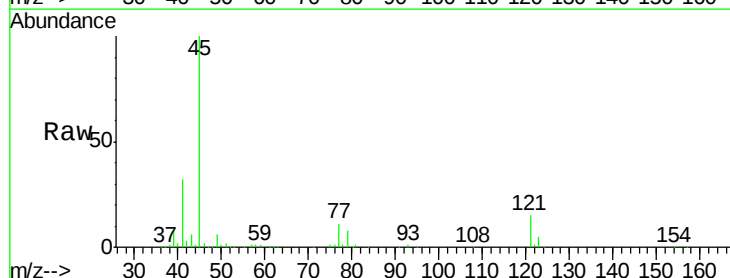
Tgt Ion: 45 Resp: 292650

Ion Ratio Lower Upper

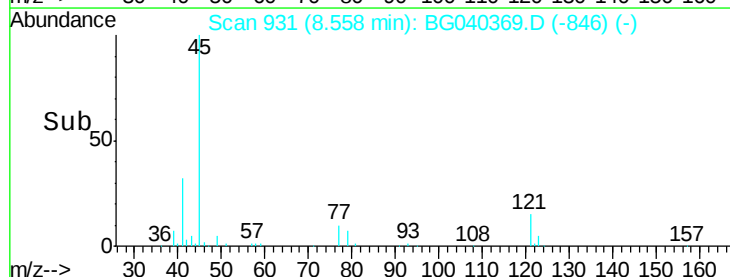
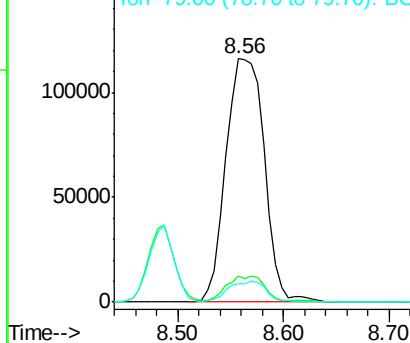
45 100

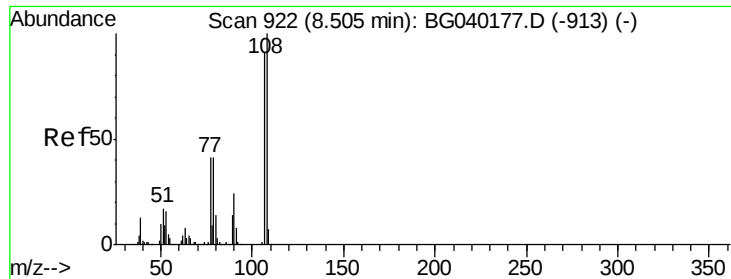
77 10.5 0.0 31.4

79 7.6 0.0 28.3



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





#17

2-Methylphenol

Concen: 39.171 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 143672

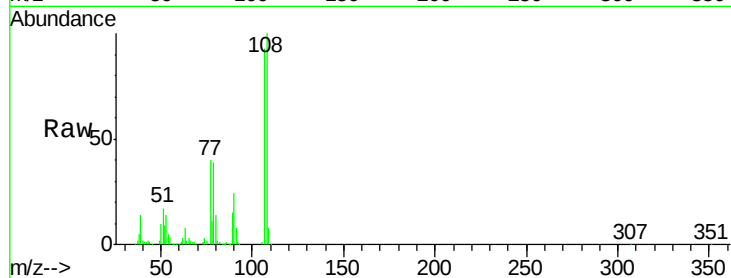
Ion Ratio Lower Upper

107 100

108 107.3 88.2 132.4

77 42.8 36.6 55.0

79 42.3 36.5 54.7

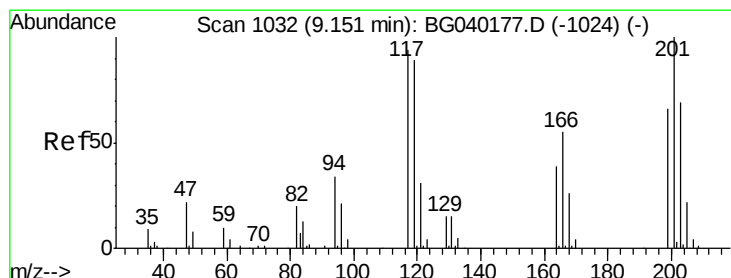
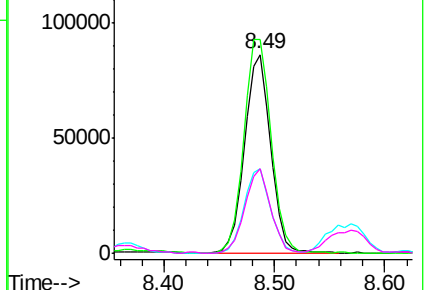
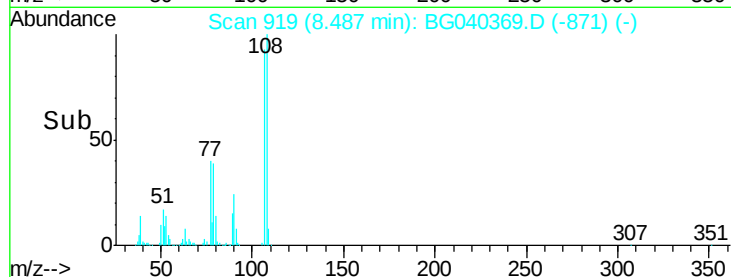


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.186 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

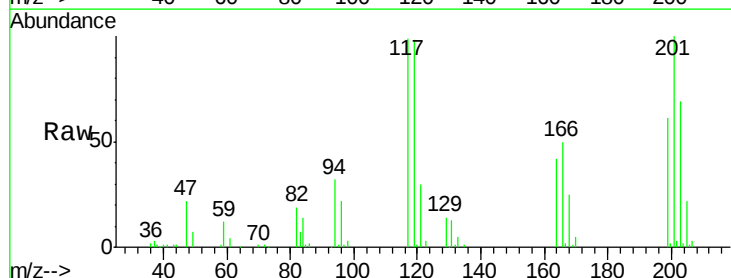
Tgt Ion:117 Resp: 63345

Ion Ratio Lower Upper

117 100

119 98.5 76.6 115.0

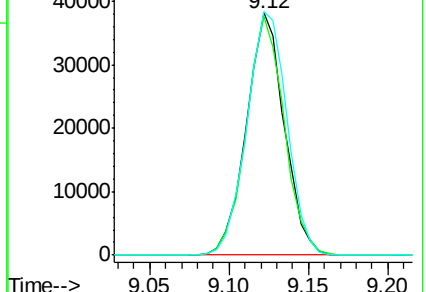
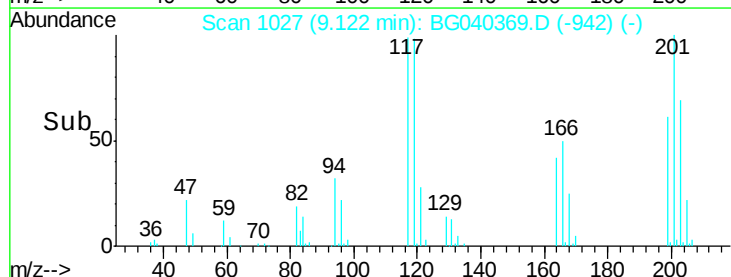
201 100.6 85.0 127.4

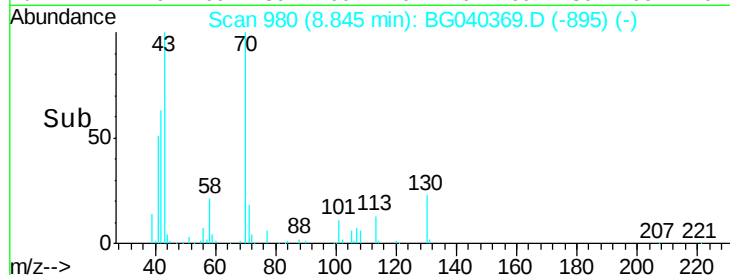
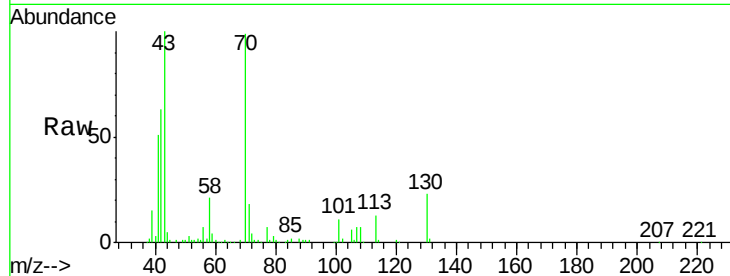
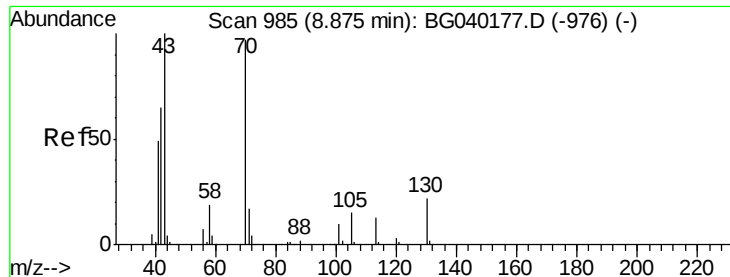


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

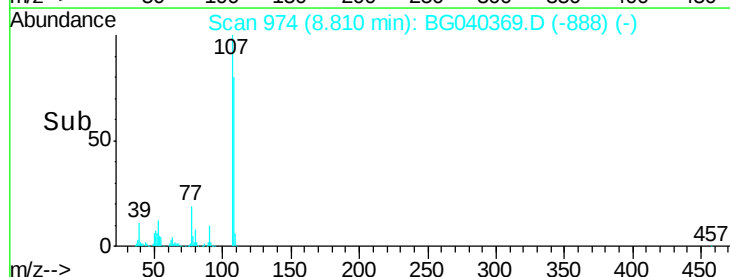
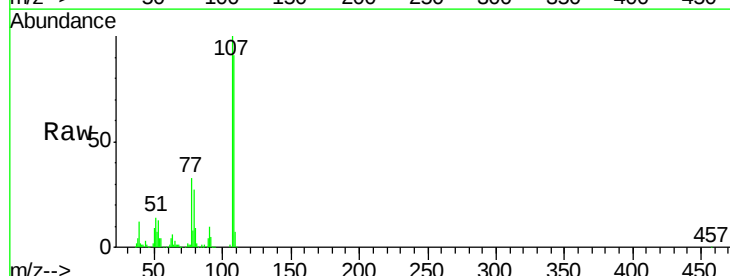
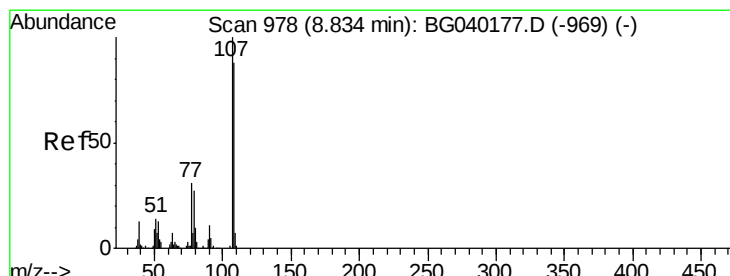
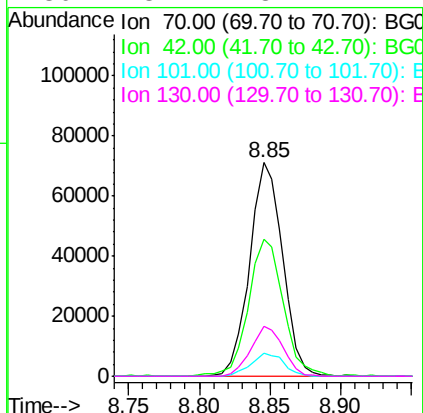




#19
n-Nitroso-di-n-propylamine
Concen: 33.352 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

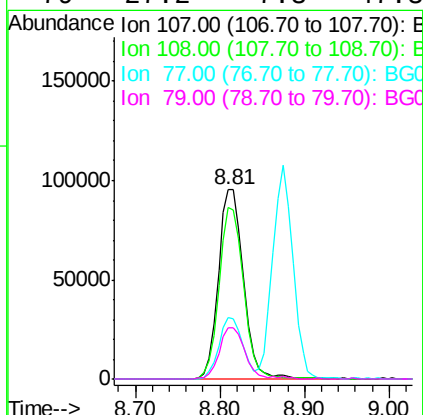
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	116776
Ion	Ratio	Lower	Upper
70	100		
42	64.0	54.0	81.0
101	10.7	8.6	13.0
130	23.4	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.682 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion:	107	Resp:	197175
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.3	108.3
77	32.5	11.3	51.3
79	27.2	7.3	47.3

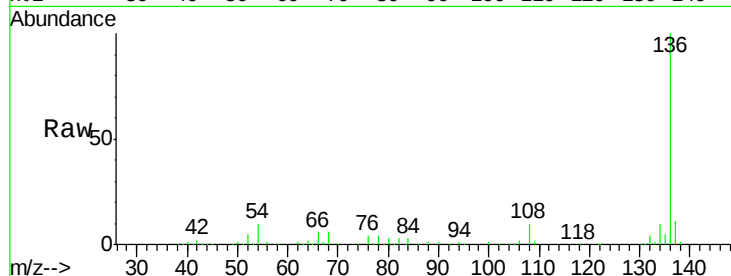




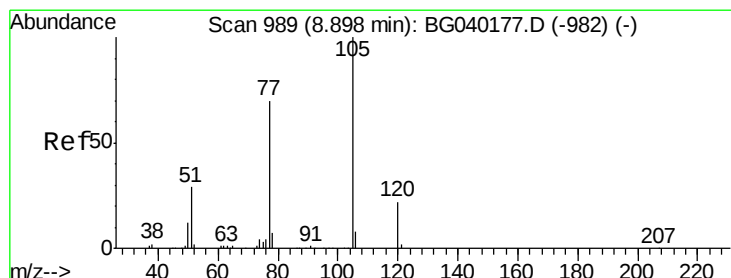
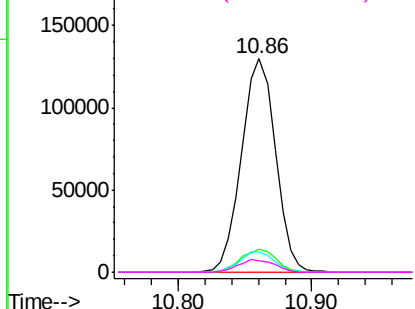
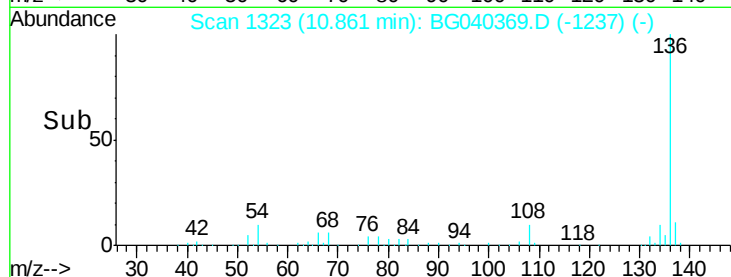
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	229106
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	9.8	9.6 14.4
68	5.5	5.1 7.7

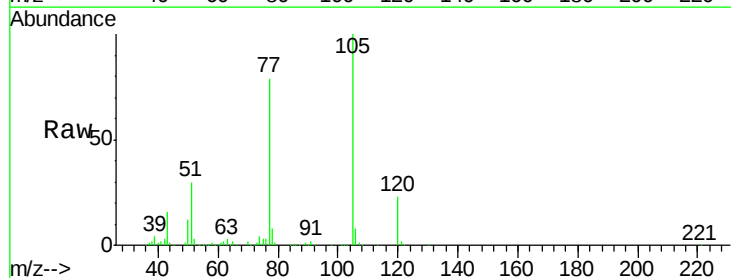


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

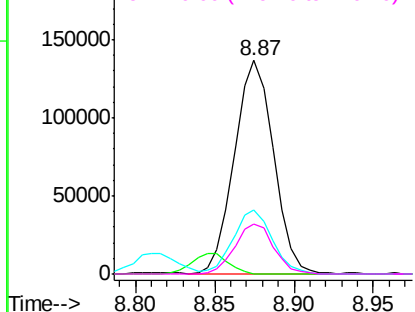
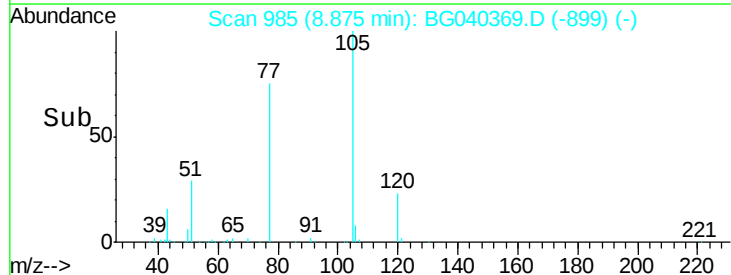


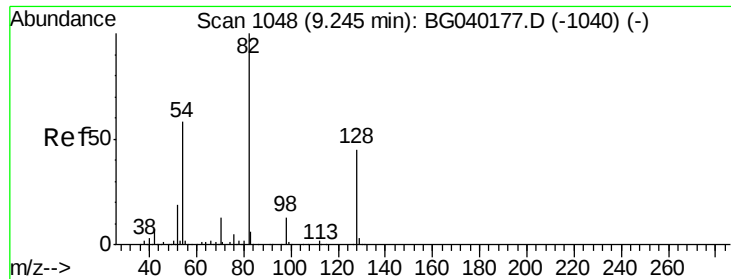
#22
Acetophenone
Concen: 40.860 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion:105	Resp:	233515
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	30.2	25.1 37.7
120	23.2	17.6 26.4



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

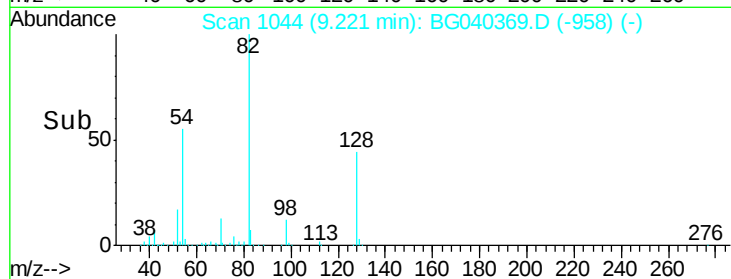
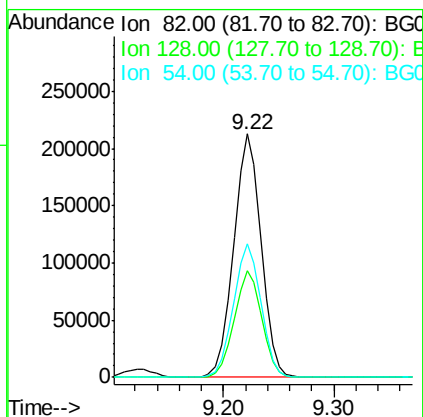
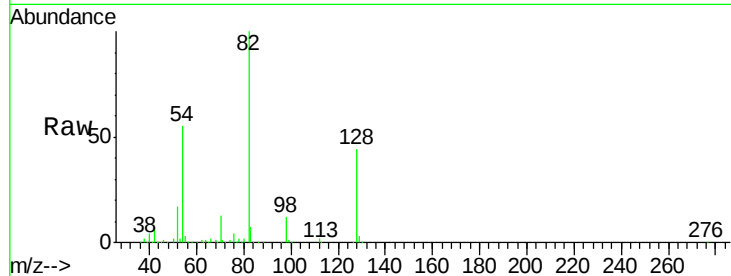




#23
Nitrobenzene-d5
Concen: 86.183 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

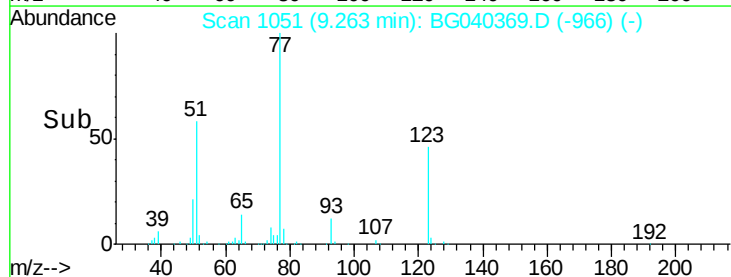
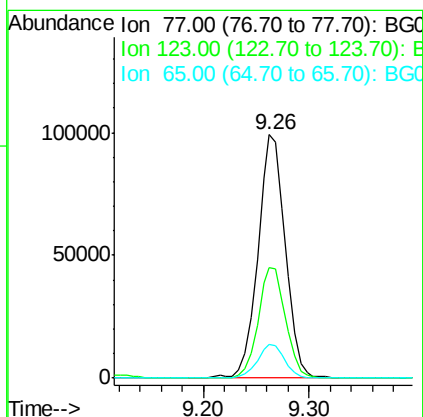
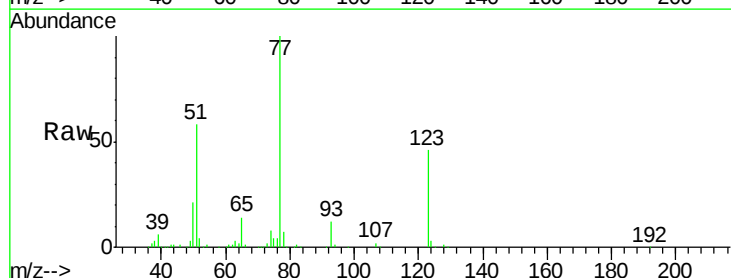
Instrument :
BNA_G
ClientSampleId :

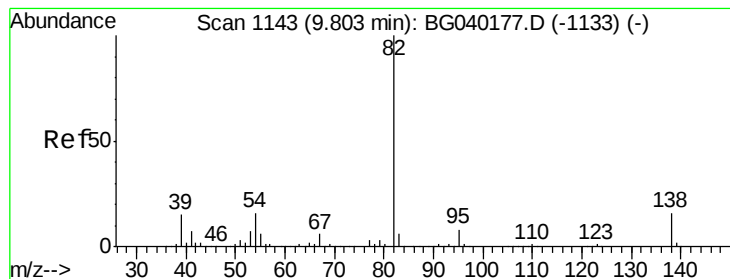
Tot Ion: 82 Resp: 371474
Ion Ratio Lower Upper
82 100
128 43.8 35.8 53.8
54 54.7 46.2 69.2



#24
Nitrobenzene
Concen: 39.933 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion: 77 Resp: 178237
Ion Ratio Lower Upper
77 100
123 45.5 37.8 56.6
65 13.7 12.0 18.0





#25

Isophorone

Concen: 38.293 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

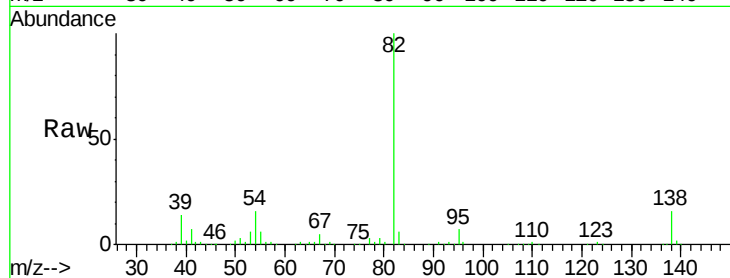
Tot Ion: 82 Resp: 339608

Ion Ratio Lower Upper

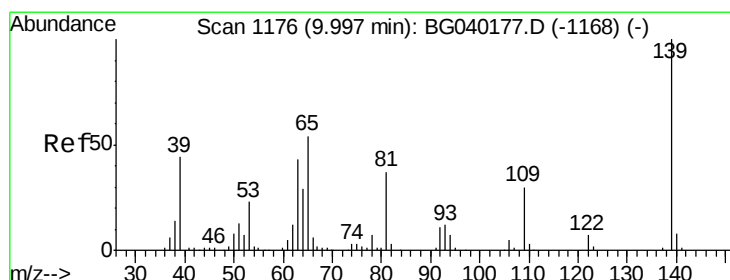
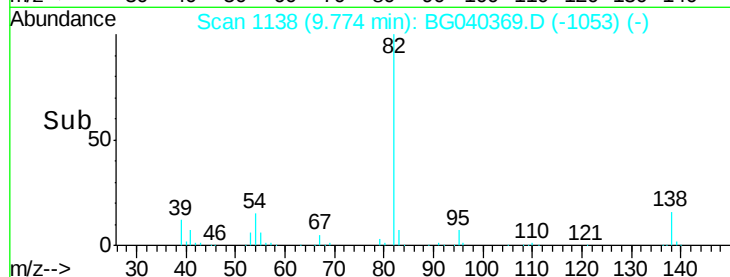
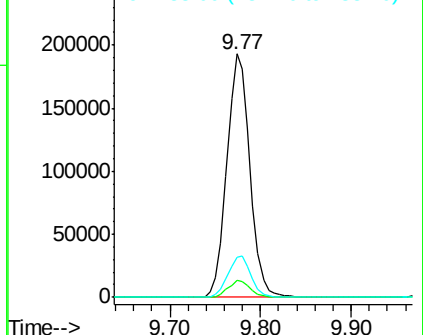
82 100

95 7.0 6.1 9.1

138 16.4 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 41.802 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

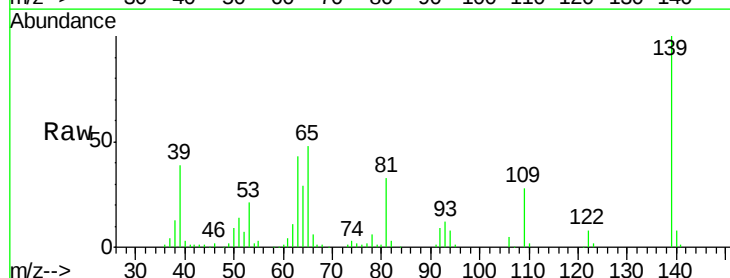
Tgt Ion: 139 Resp: 88409

Ion Ratio Lower Upper

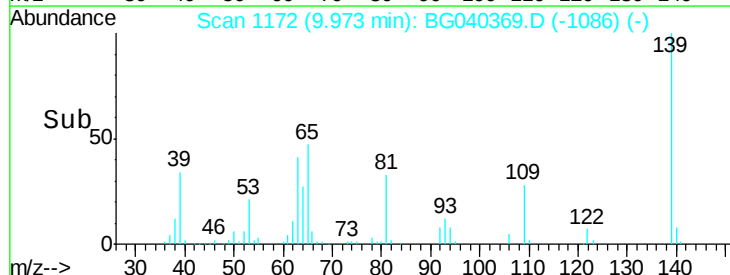
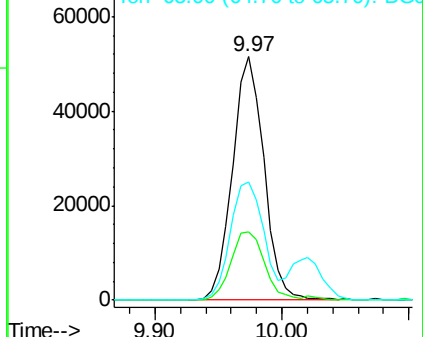
139 100

109 28.0 24.1 36.1

65 48.5 43.0 64.6



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

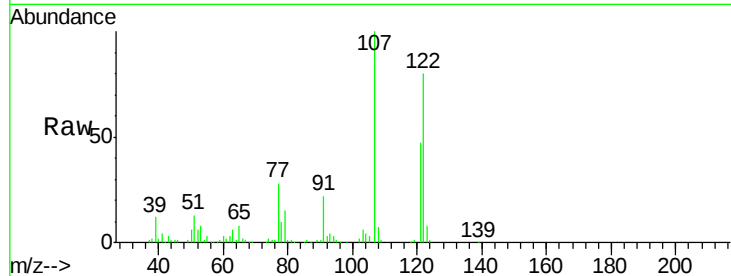




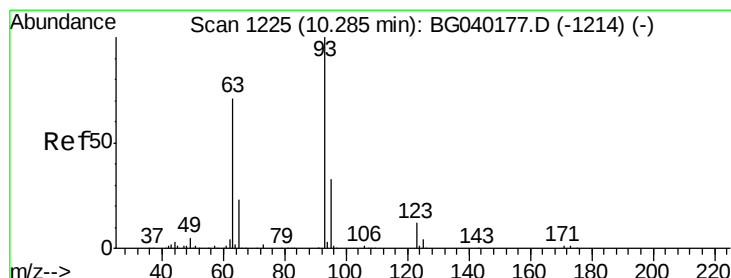
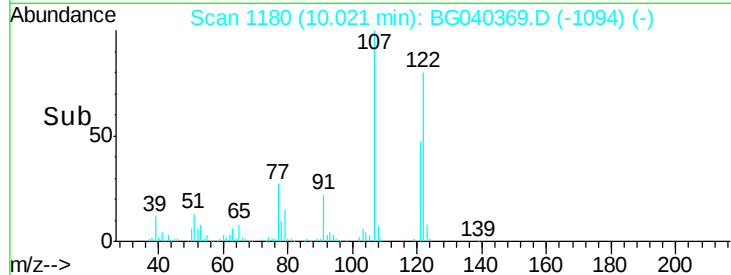
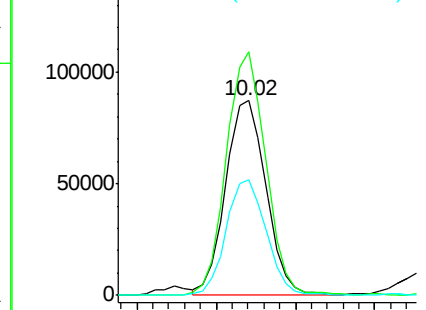
#27
 2,4-Dimethylphenol
 Concen: 45.685 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 153477
 Ion Ratio Lower Upper
 122 100
 107 125.1 97.4 146.2
 121 59.2 47.7 71.5

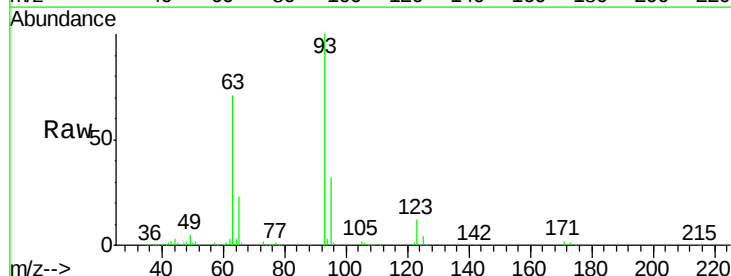


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

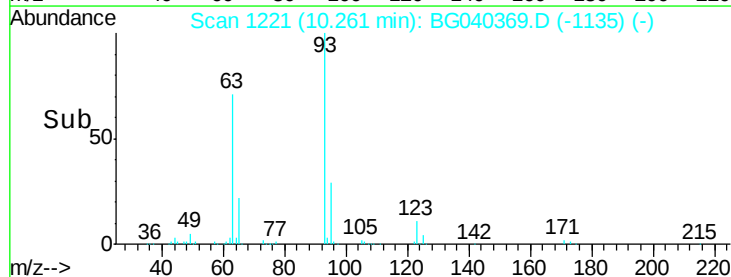
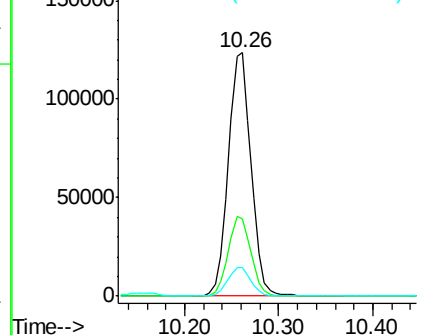


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.462 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion: 93 Resp: 207055
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.2 39.4
 123 11.9 9.4 14.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

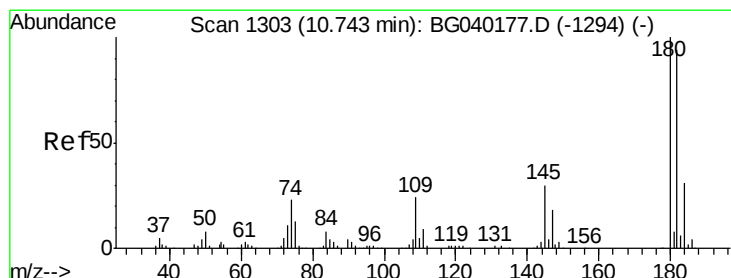
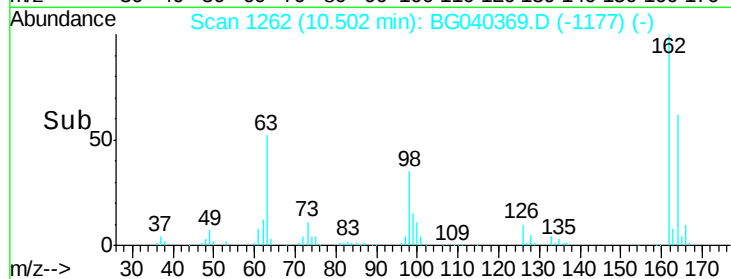
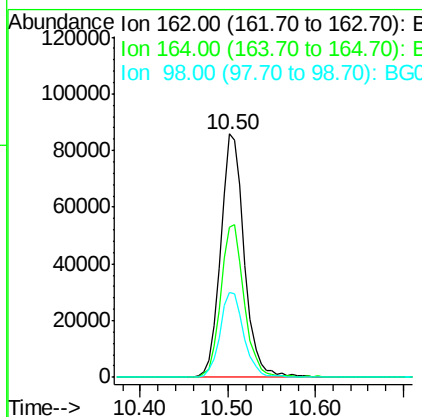
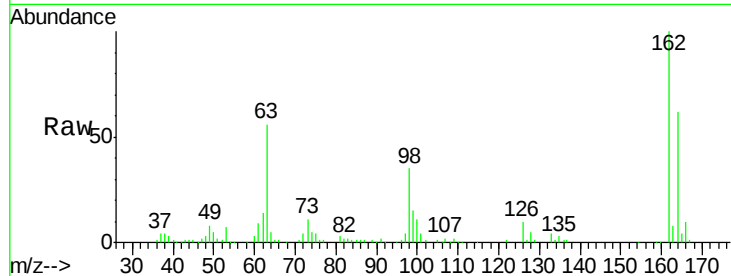




#29
 2,4-Dichlorophenol
 Concen: 43.894 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

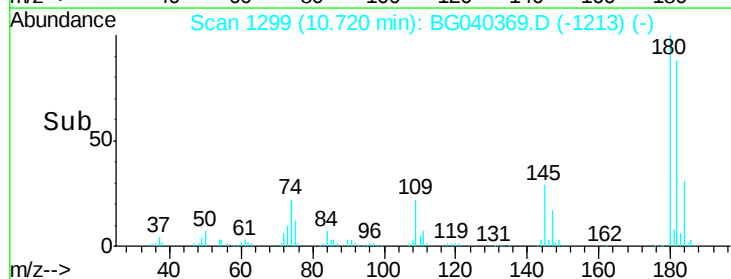
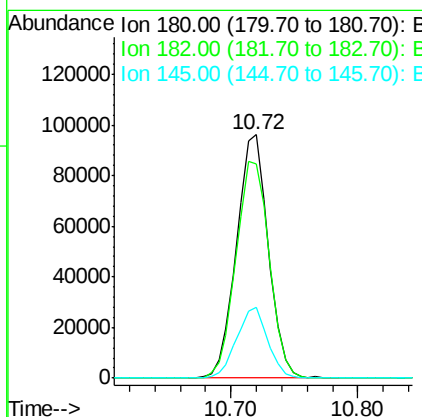
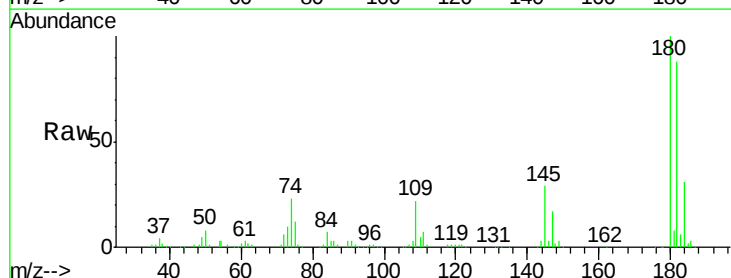
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	43.9	83.9
98	35.1	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.752 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.2	75.1	112.7
145	28.8	24.1	36.1

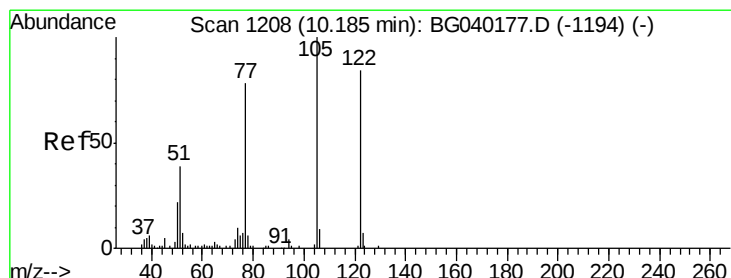
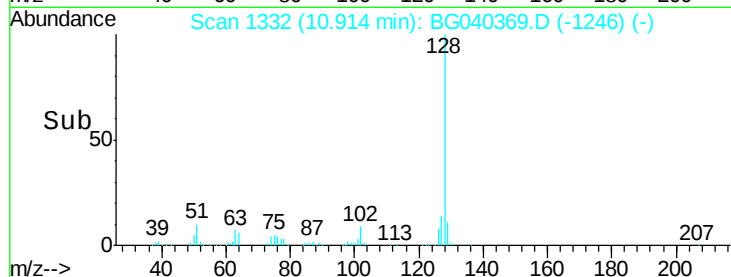
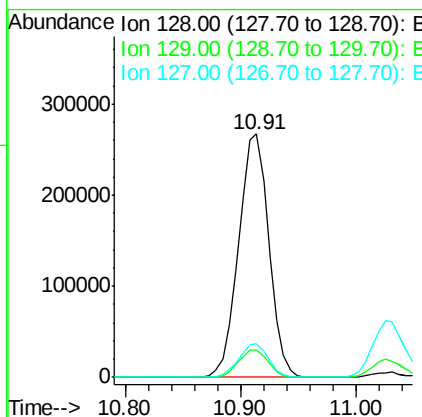
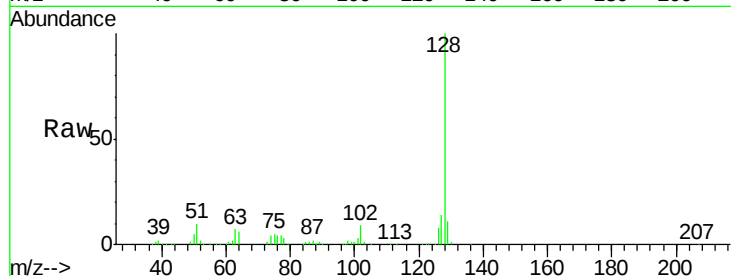




#31
Naphthalene
Concen: 41.306 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

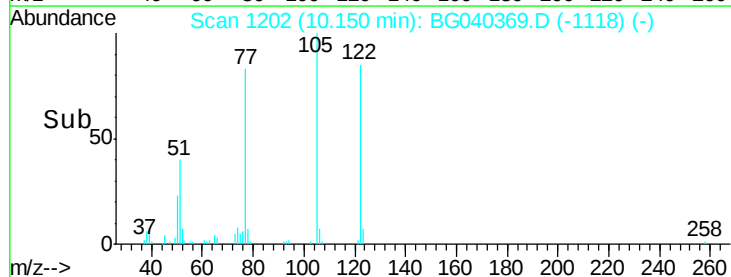
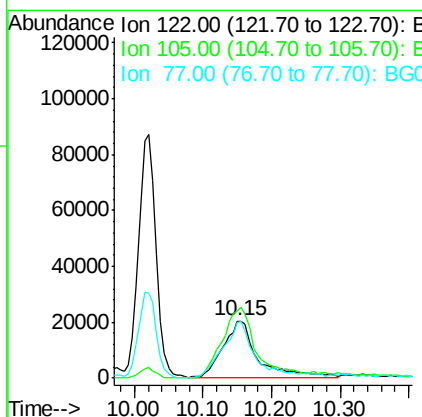
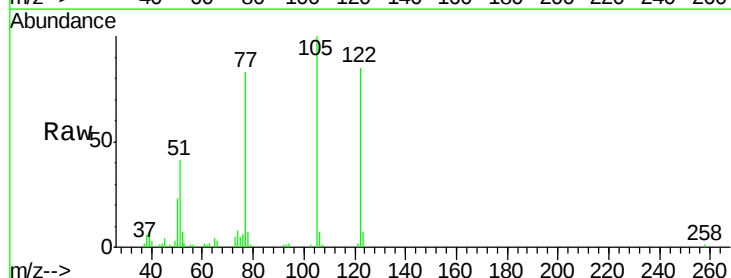
Instrument :
BNA_G
ClientSampleId :

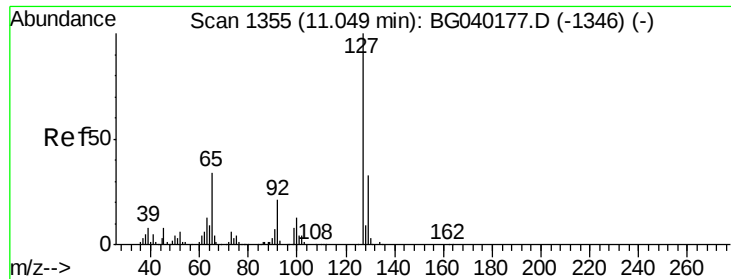
Tot Ion:128 Resp: 485069
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 34.400 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.04 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion:122 Resp: 69823
Ion Ratio Lower Upper
122 100
105 118.0 98.2 138.2
77 97.6 73.6 113.6

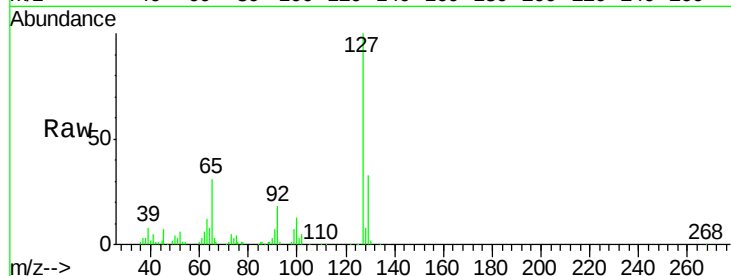




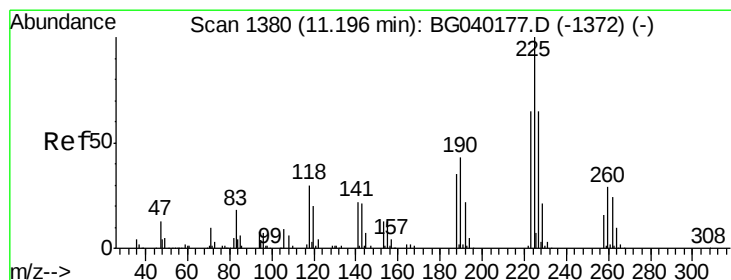
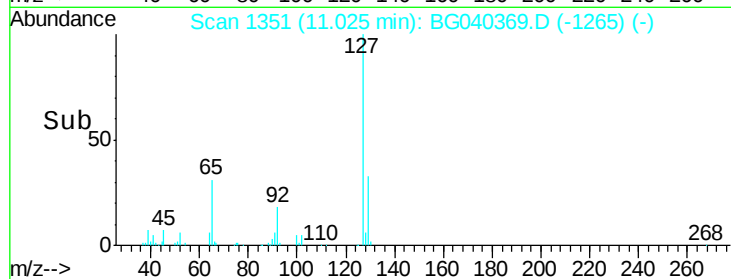
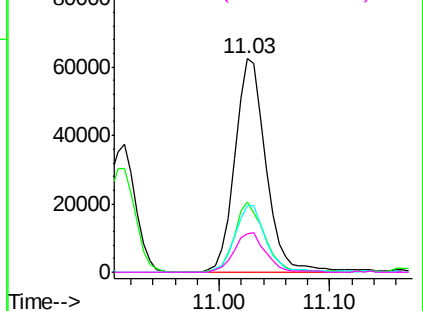
#33
4-Chloroaniline
Concen: 24.574 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	123097
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	40.0
65	30.9	27.0	40.4
92	18.0	16.6	25.0

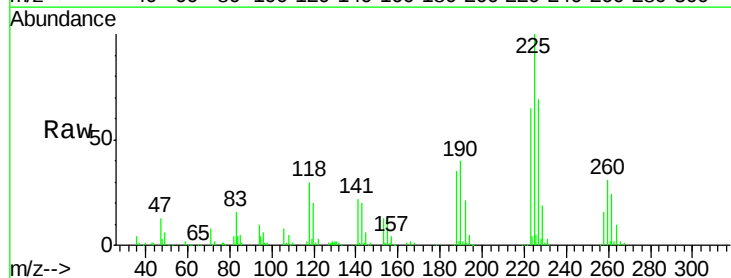


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

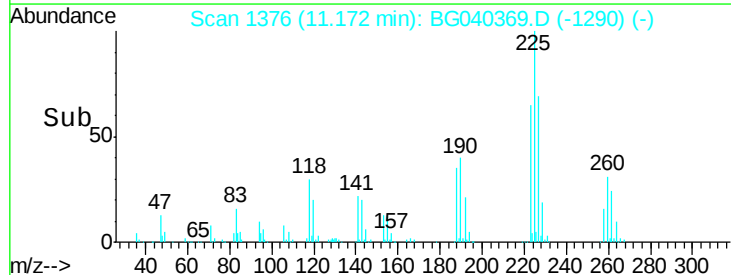
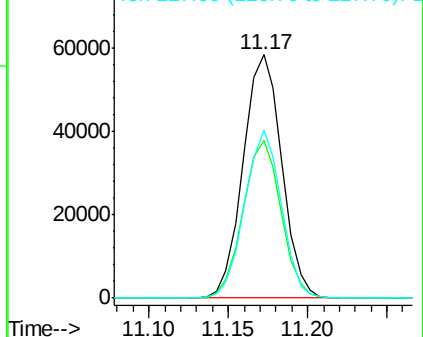


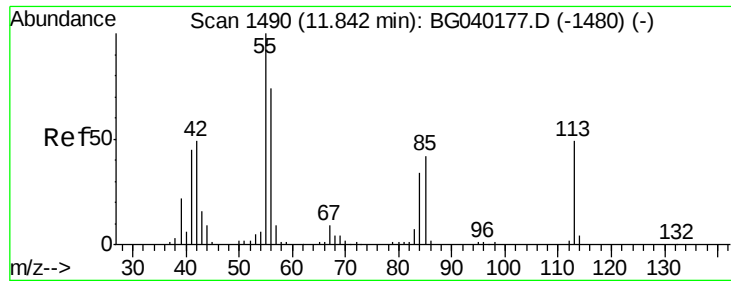
#34
Hexachlorobutadiene
Concen: 38.555 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion:	225	Resp:	98727
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.8	77.8
227	69.1	54.9	82.3



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





#35

Caprolactam

Concen: 27.671 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampled :

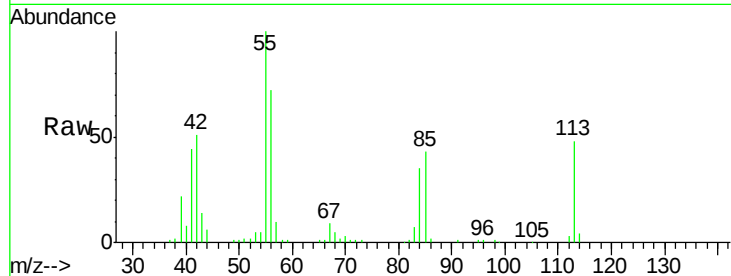
Tot Ion:113 Resp: 40042

Ion Ratio Lower Upper

113 100

55 208.7 184.2 224.2

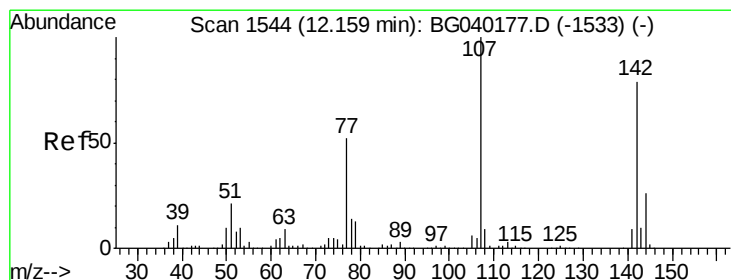
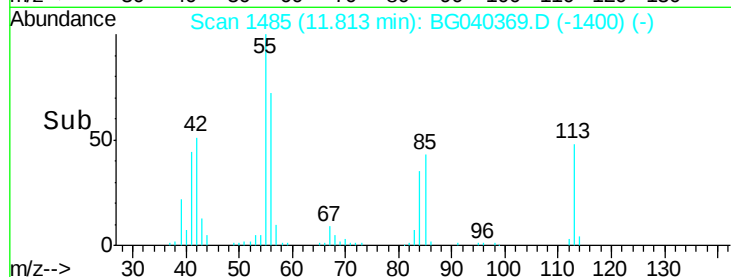
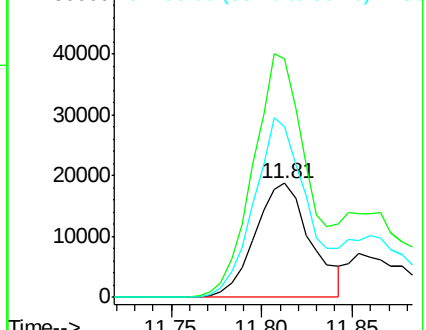
56 149.7 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.912 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

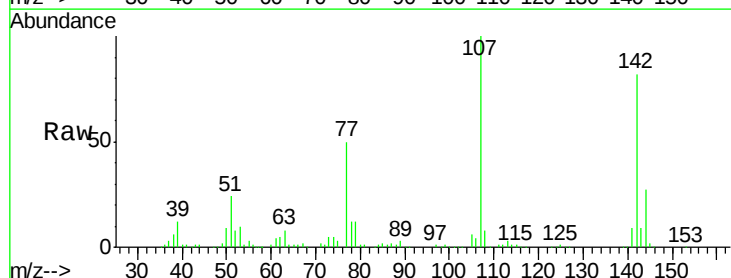
Tgt Ion:107 Resp: 179890

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

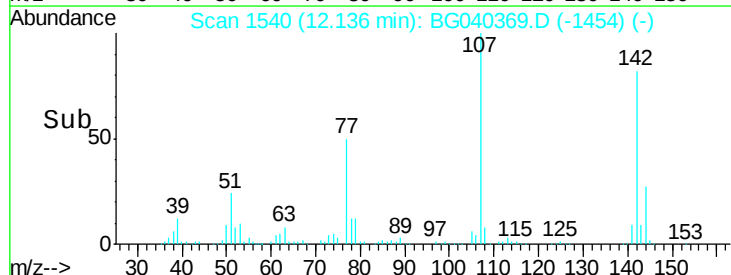
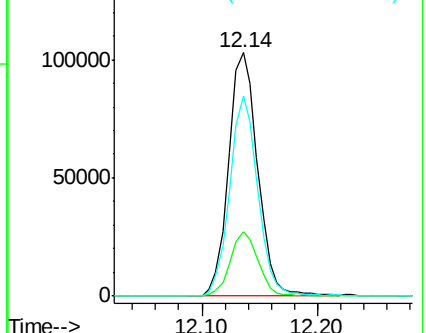
142 82.3 63.1 94.7

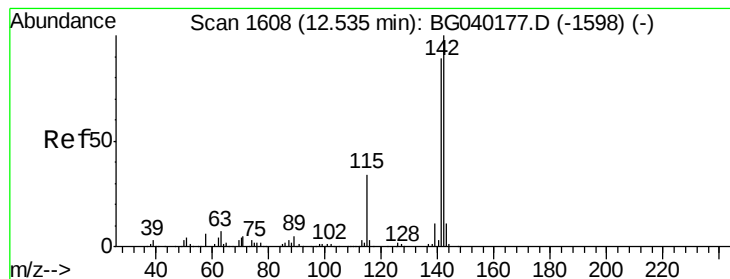


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.241 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

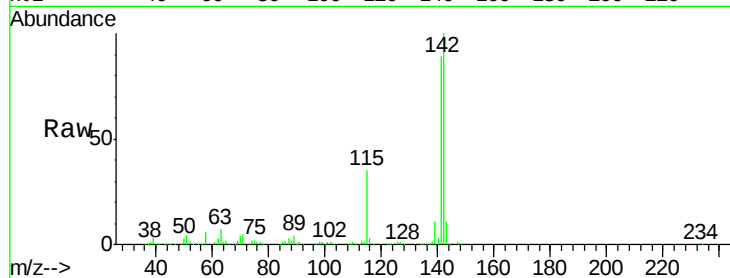
Tot Ion:142 Resp: 358189

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.6

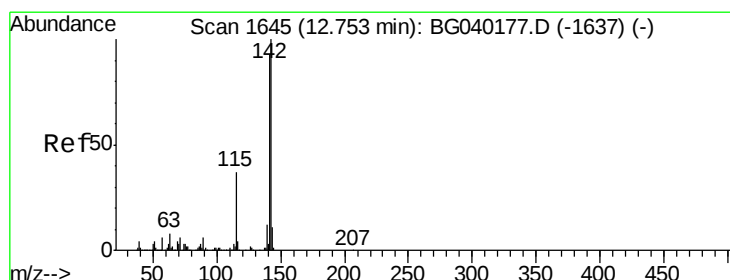
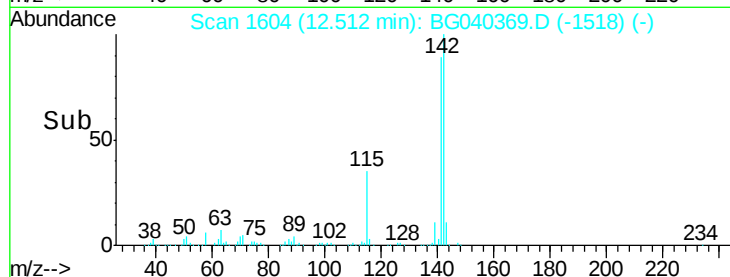
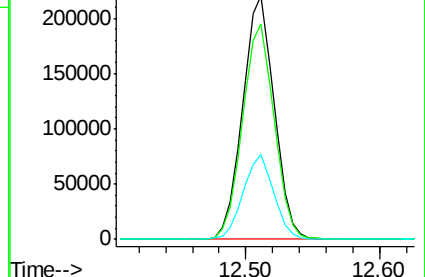
115 35.0 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.468 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

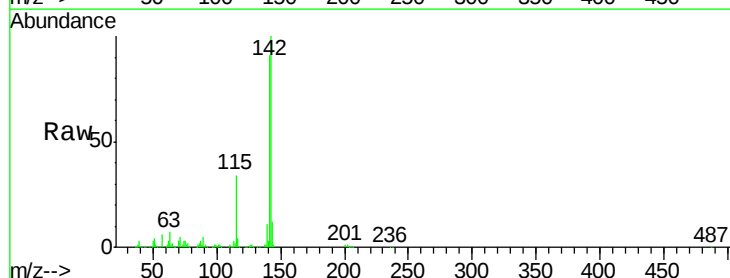
Tgt Ion:142 Resp: 340825

Ion Ratio Lower Upper

142 100

141 91.4 74.2 111.4

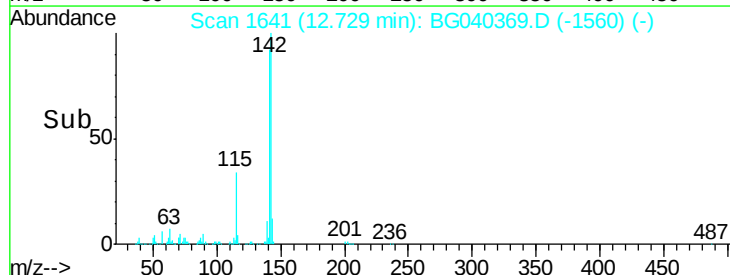
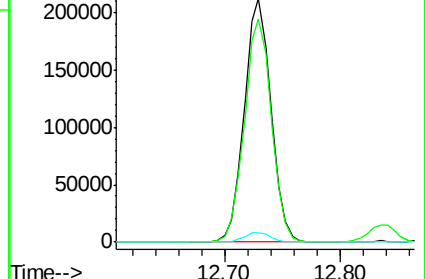
116 3.8 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

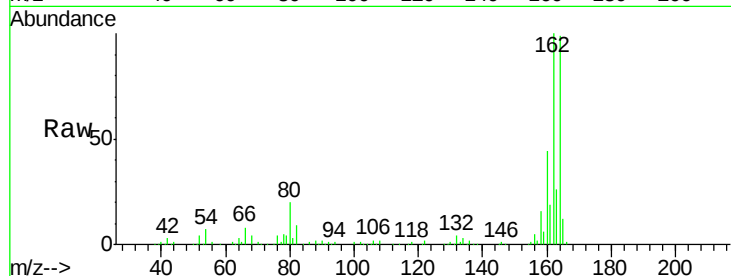
Tot Ion:164 Resp: 140882

Ion Ratio Lower Upper

164 100

162 100.5 77.4 116.2

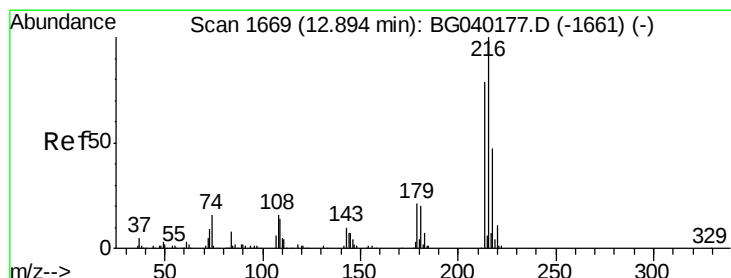
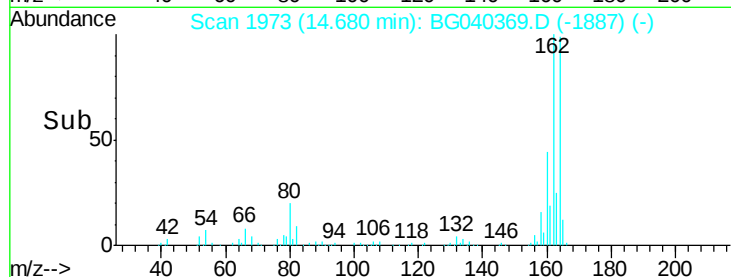
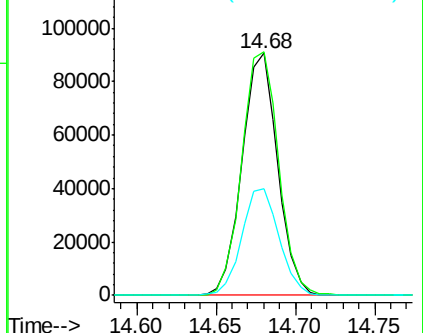
160 43.8 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.589 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion:216 Resp: 181745

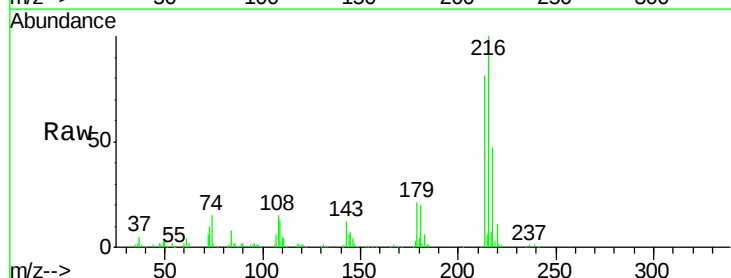
Ion Ratio Lower Upper

216 100

214 79.2 63.5 95.3

179 21.1 16.6 25.0

108 19.2 13.8 20.8

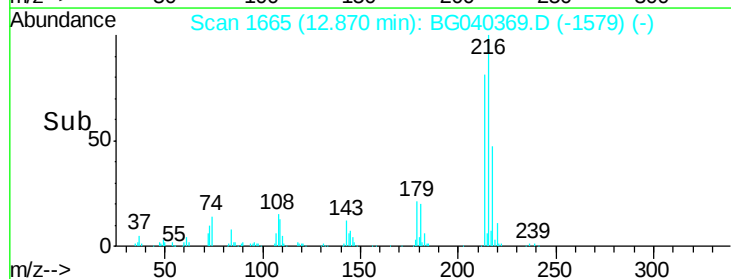
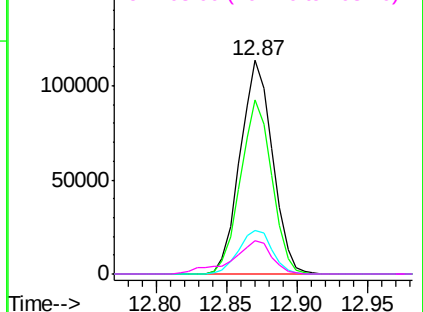


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.645 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

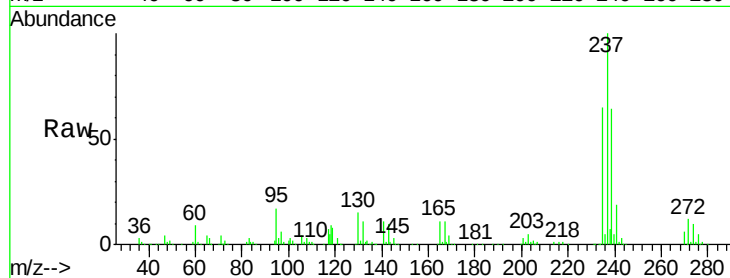
Tot Ion:237 Resp: 213026

Ion Ratio Lower Upper

237 100

235 64.9 46.2 86.2

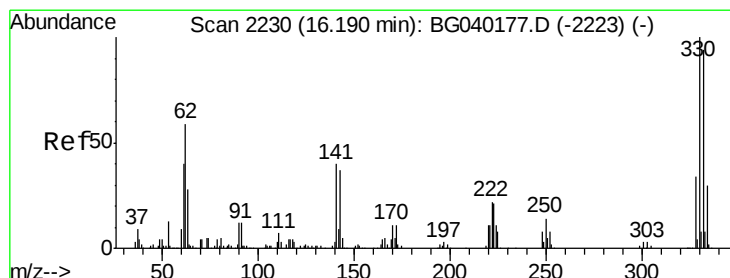
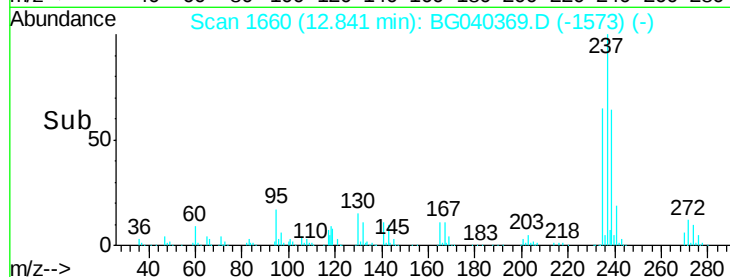
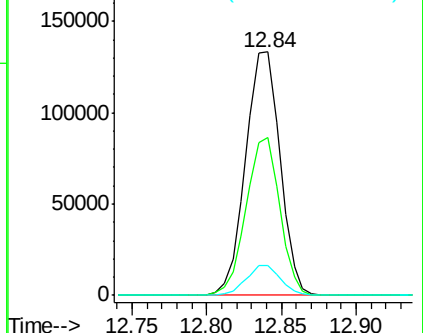
272 12.1 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 155.985 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

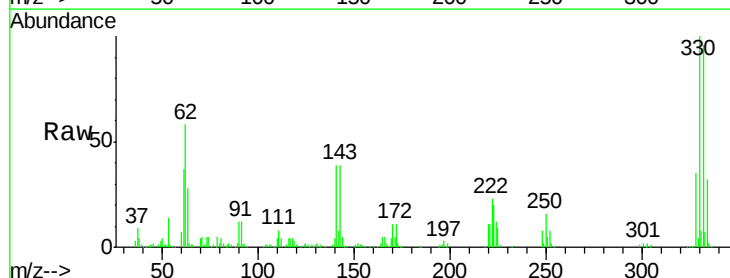
Tgt Ion:330 Resp: 237498

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

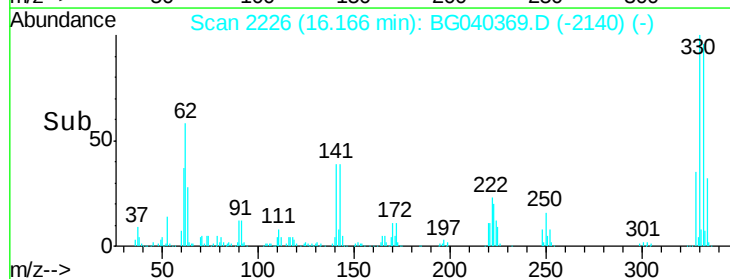
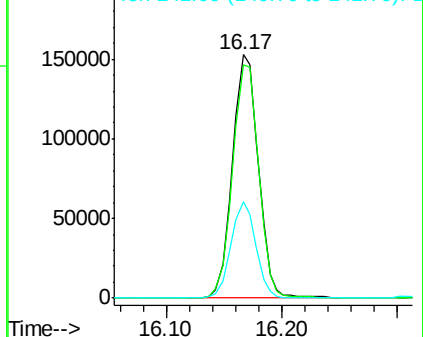
141 38.2 32.6 48.8

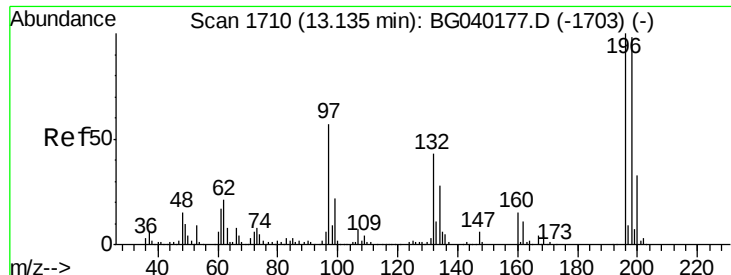


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

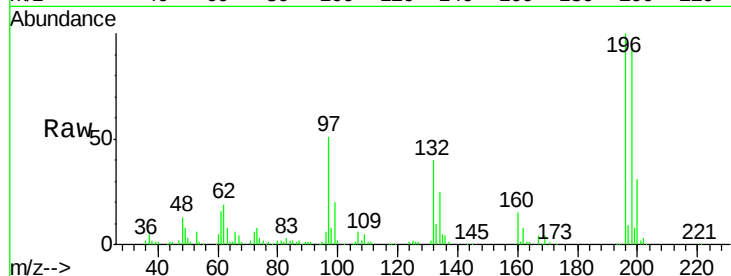




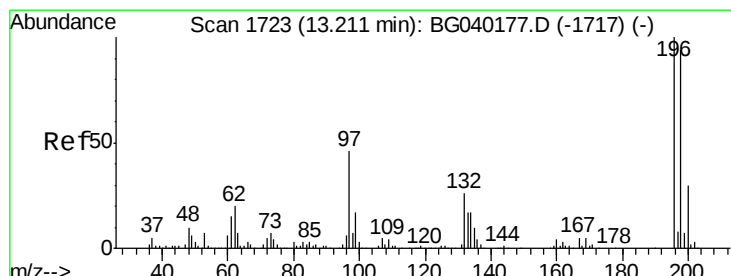
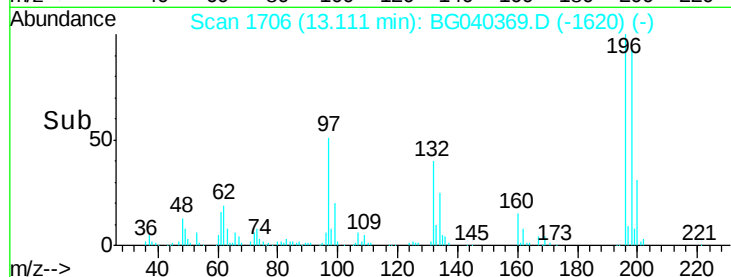
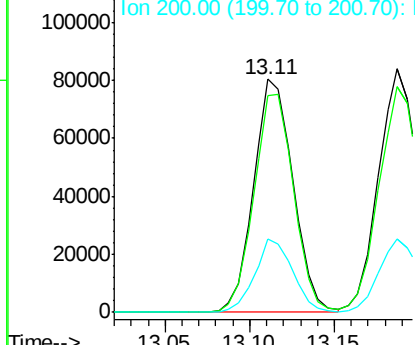
#43
 2,4,6-Trichlorophenol
 Concen: 45.007 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 129933
 Ion Ratio Lower Upper
 196 100
 198 92.9 78.3 117.5
 200 31.3 26.0 39.0

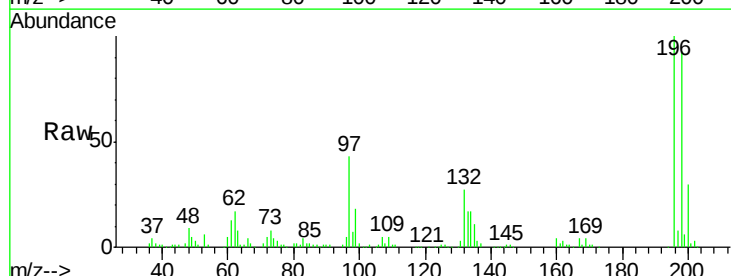


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

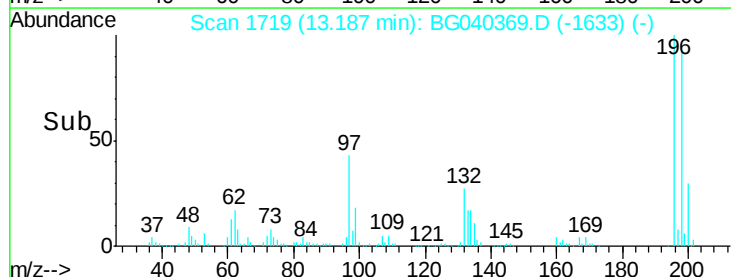
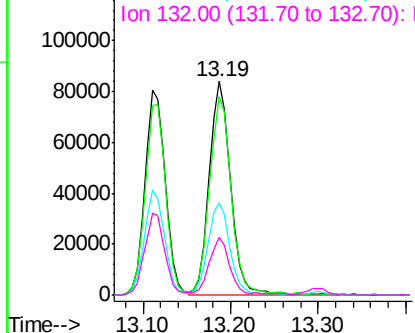


#44
 2,4,5-Trichlorophenol
 Concen: 45.791 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion:196 Resp: 144090
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.0 112.6
 97 43.3 37.3 55.9
 132 27.1 20.9 31.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

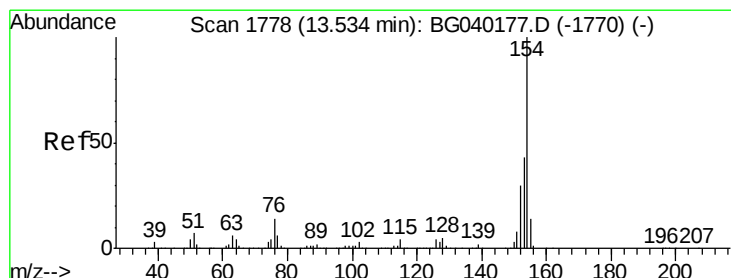
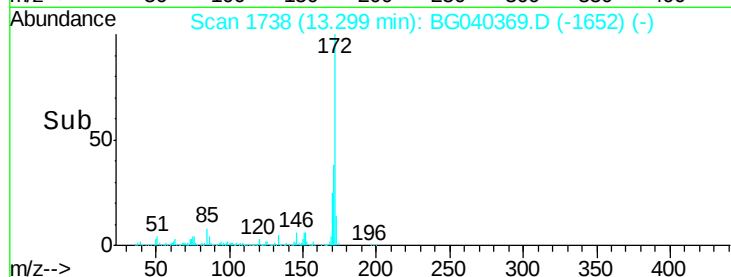
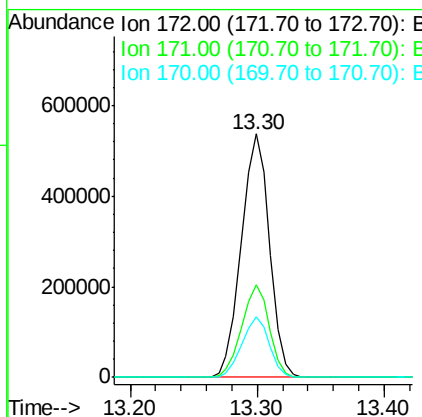
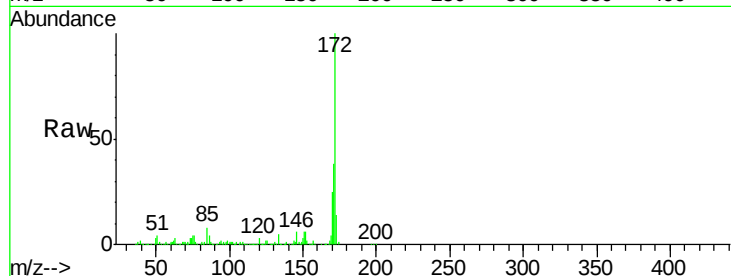




#45
2-Fluorobiphenyl
Concen: 86.877 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

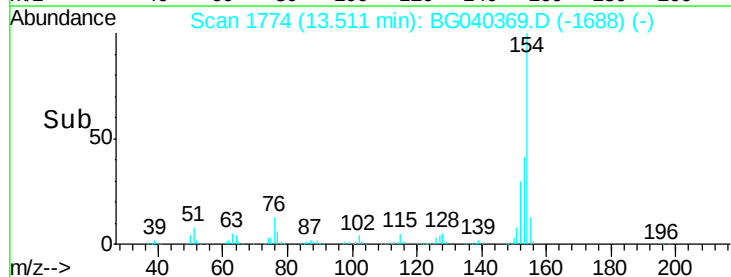
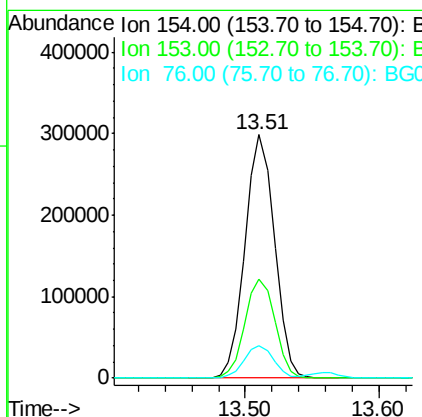
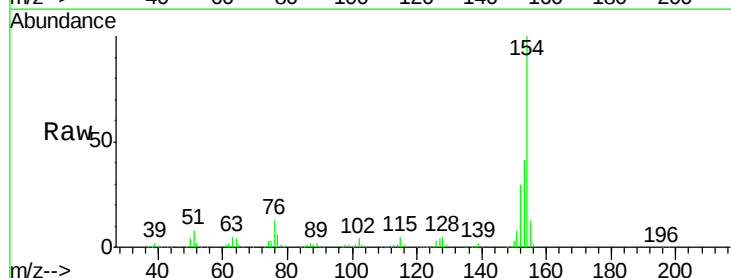
Instrument :
BNA_G
ClientSampleId :

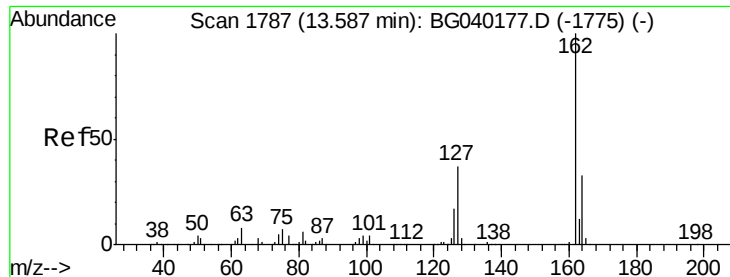
Tot Ion:172 Resp: 826004
Ion Ratio Lower Upper
172 100
171 38.0 30.5 45.7
170 24.8 20.1 30.1



#46
1,1'-Biphenyl
Concen: 40.808 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion:154 Resp: 454252
Ion Ratio Lower Upper
154 100
153 40.6 22.5 62.5
76 13.4 0.0 33.7

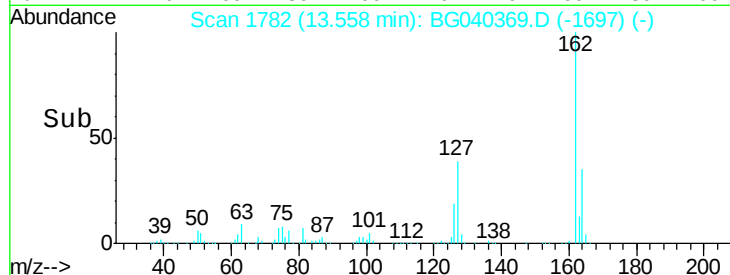
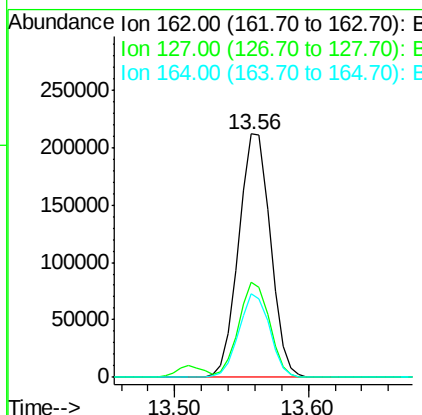
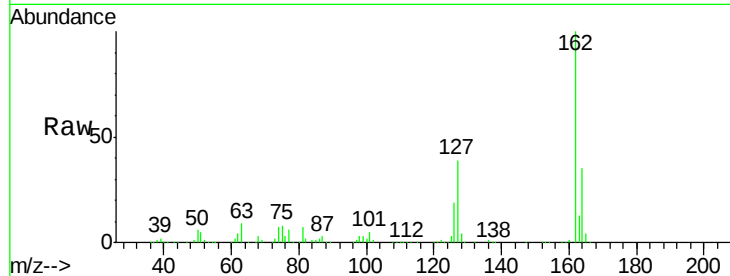




#47
 2-Chloronaphthalene
 Concen: 40.980 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

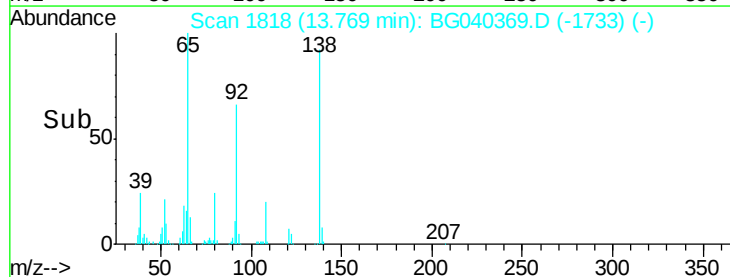
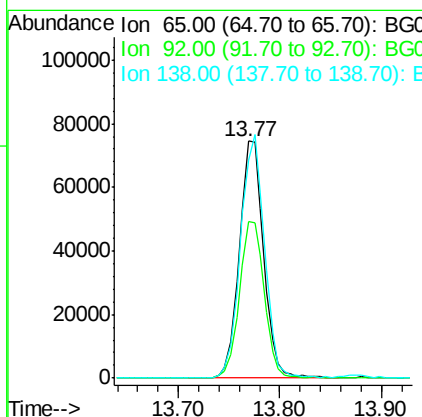
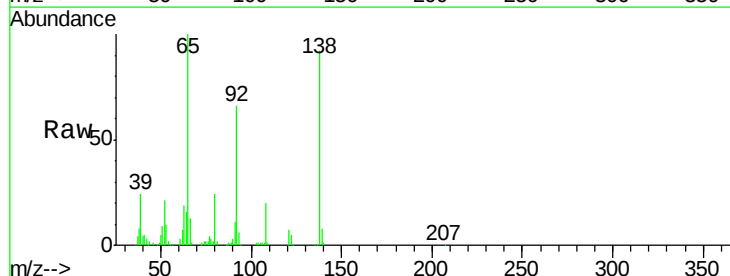
Instrument :
 BNA_G
 ClientSampleId :

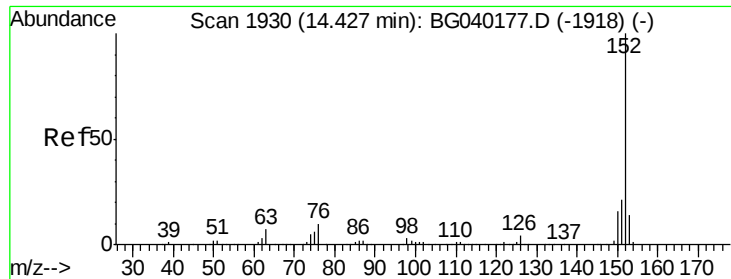
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.6	45.8
164	34.6	26.2	39.4



#48
 2-Nitroaniline
 Concen: 43.000 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.8	80.6
138	92.0	86.3	129.5





#49

Acenaphthylene

Concen: 40.772 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

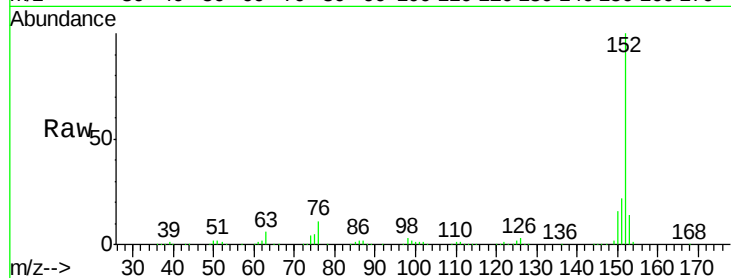
Tot Ion:152 Resp: 590253

Ion Ratio Lower Upper

152 100

151 21.7 17.0 25.6

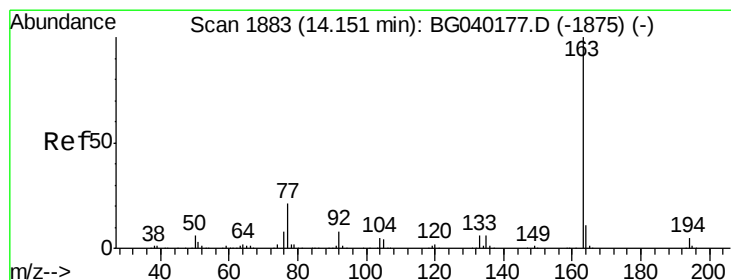
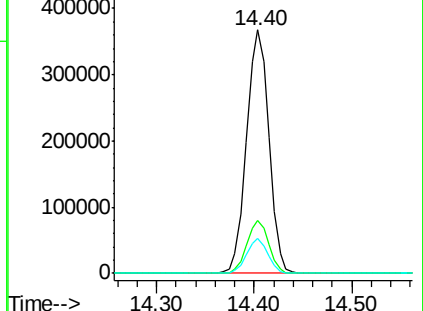
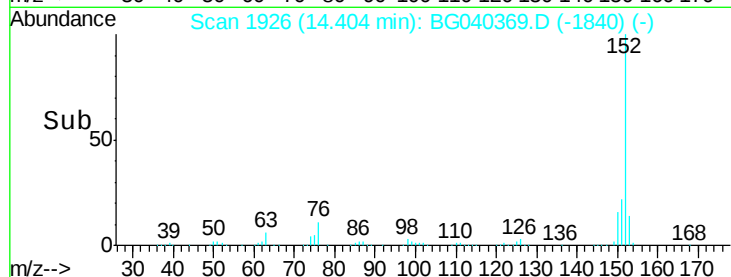
153 14.5 10.8 16.2



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: 41.969 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

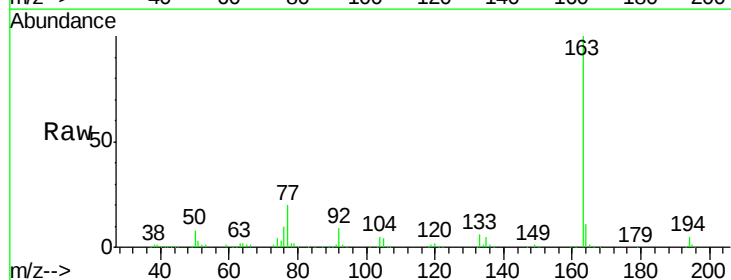
Tgt Ion:163 Resp: 462754

Ion Ratio Lower Upper

163 100

194 5.1 4.1 6.1

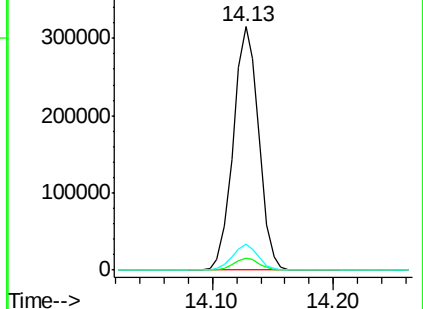
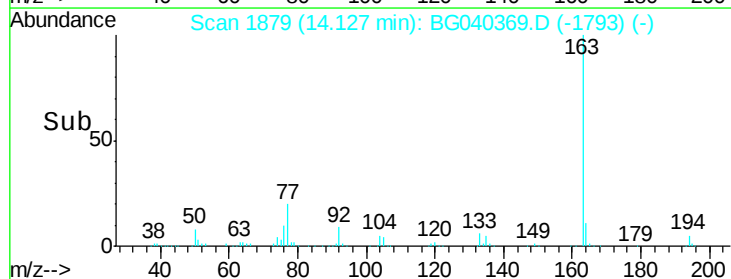
164 10.6 8.6 13.0

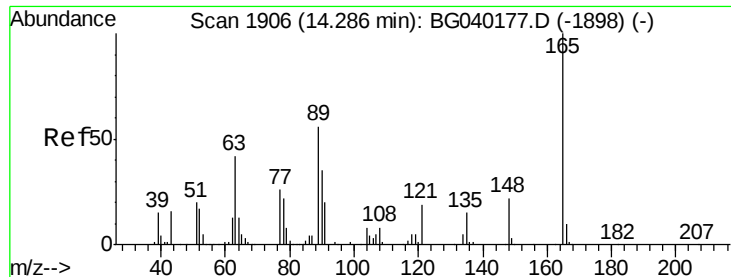


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

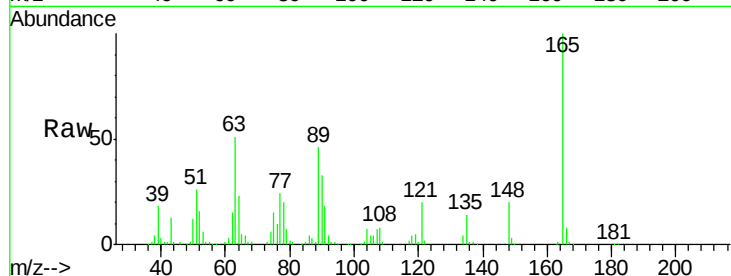




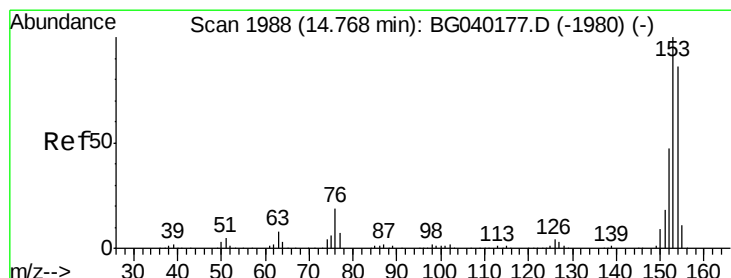
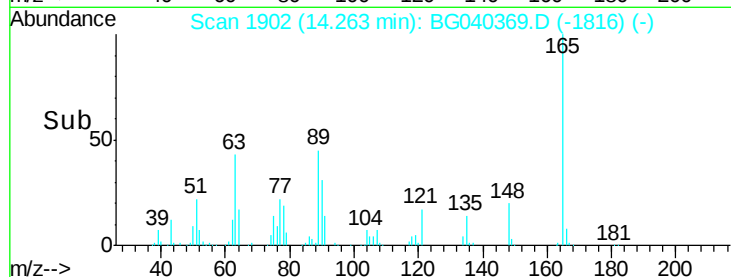
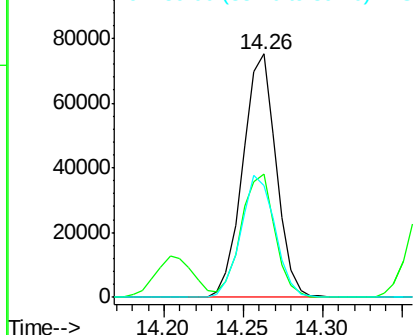
#51
 2,6-Dinitrotoluene
 Concen: 44.219 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 109475
 Ion Ratio Lower Upper
 165 100
 63 50.7 44.1 66.1
 89 45.7 44.9 67.3

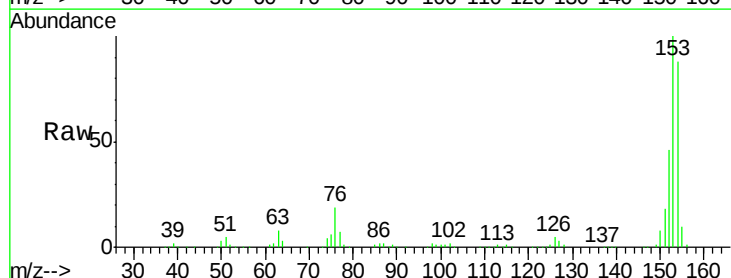


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

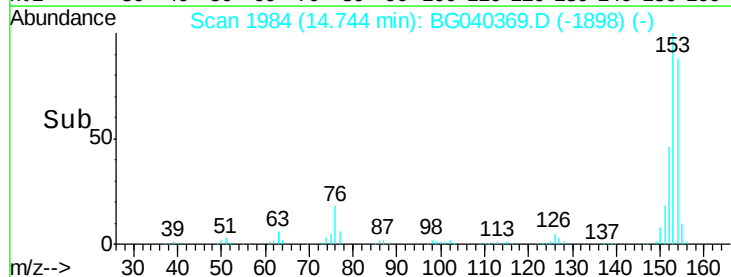
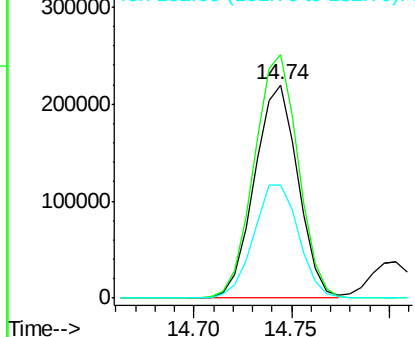


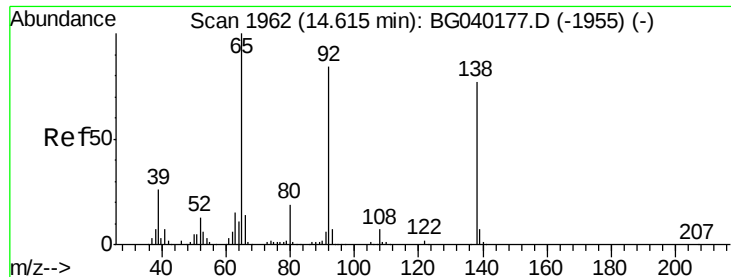
#52
 Acenaphthene
 Concen: 40.908 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion:154 Resp: 339354
 Ion Ratio Lower Upper
 154 100
 153 114.1 92.8 139.2
 152 52.8 43.4 65.2



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

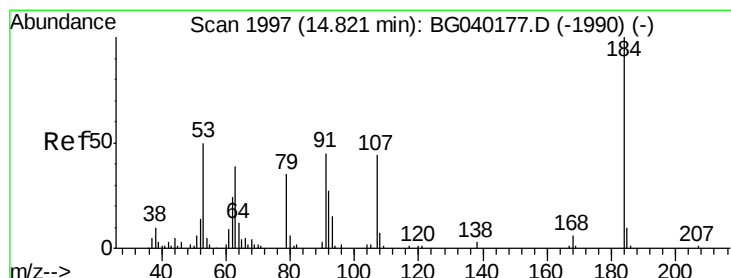
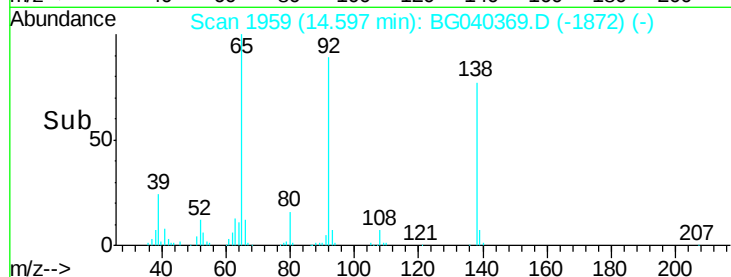
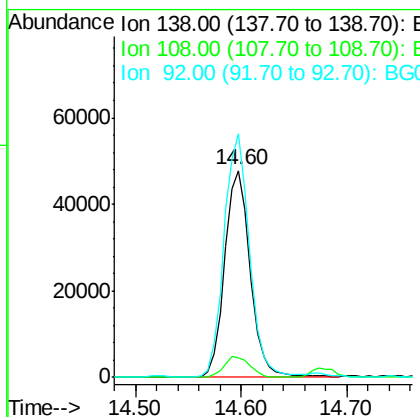
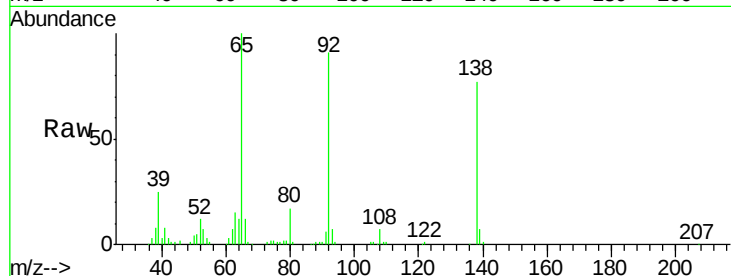




#53
3-Nitroaniline
Concen: 30.648 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

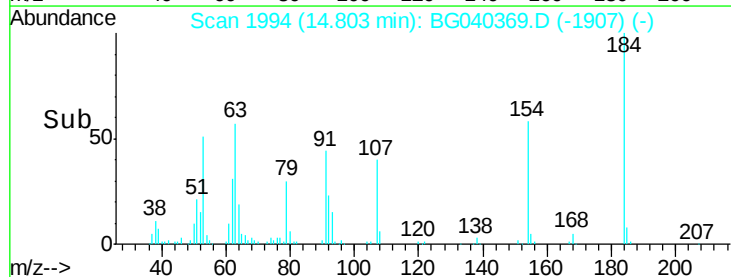
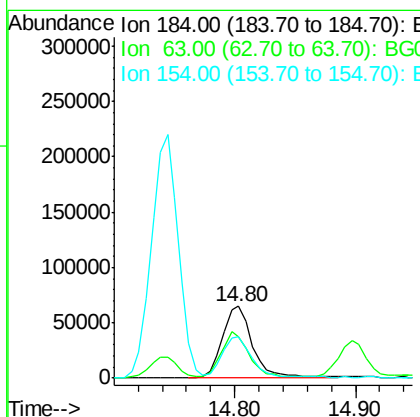
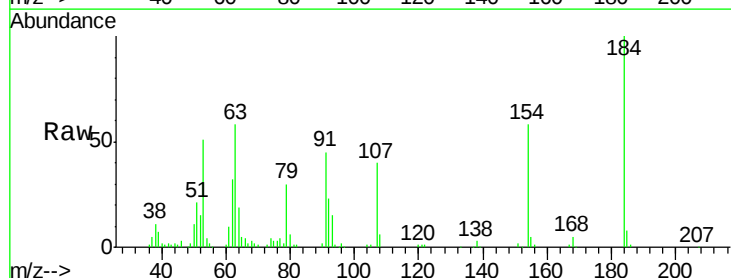
Instrument :
BNA_G
ClientSampleId :

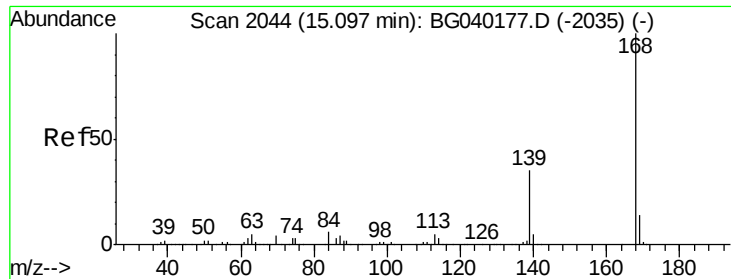
Tot Ion:138 Resp: 80318
Ion Ratio Lower Upper
138 100
108 9.3 7.8 11.8
92 117.9 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 86.080 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion:184 Resp: 113337
Ion Ratio Lower Upper
184 100
63 57.8 51.8 77.8
154 58.0 50.9 76.3

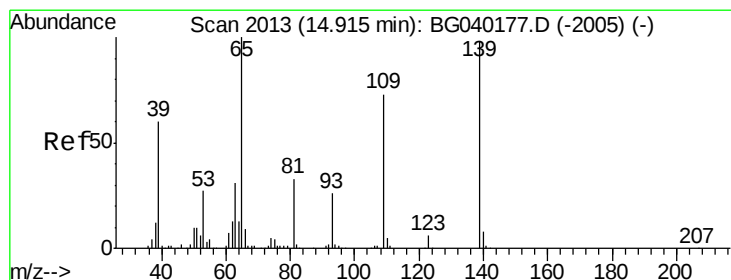
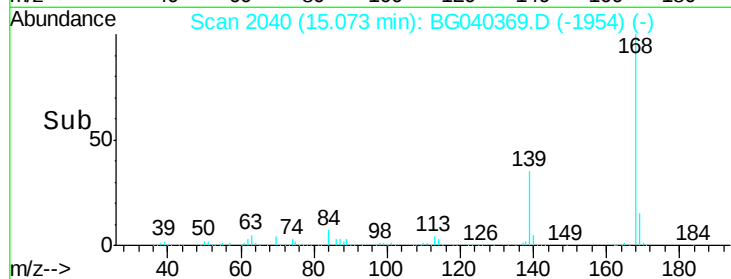
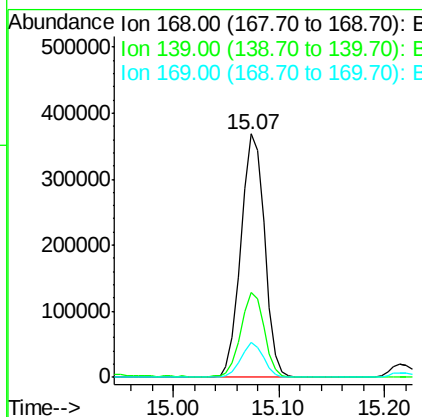
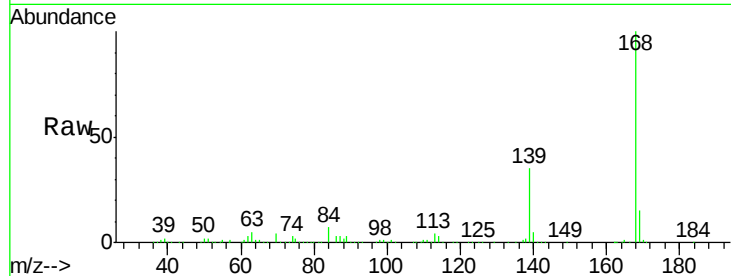




#55
Dibenzofuran
Concen: 42.831 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

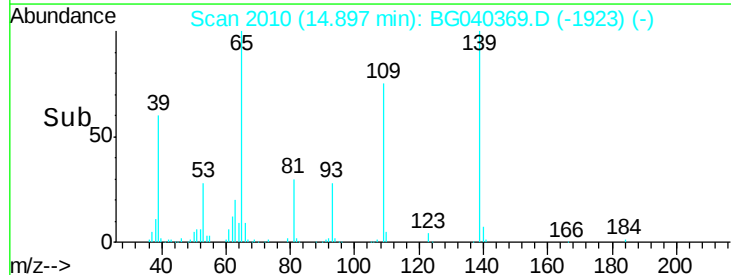
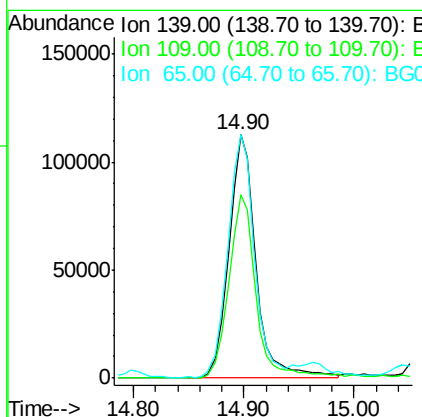
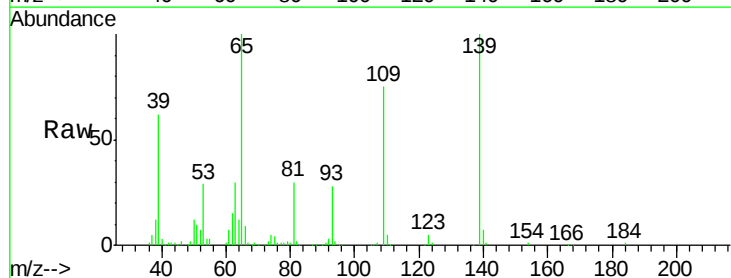
Instrument :
BNA_G
ClientSampleId :

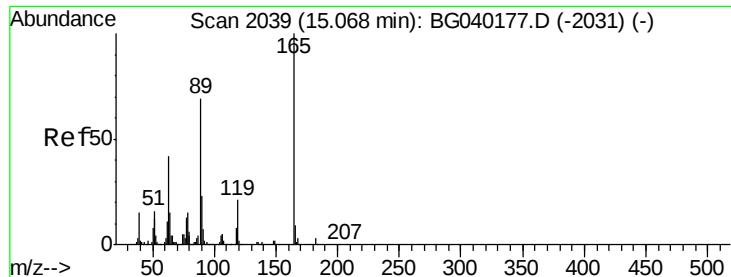
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	27.9	41.9
169	14.6	11.3	16.9



#56
4-Nitrophenol
Concen: 91.406 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.5	54.3	94.3
65	100.1	82.5	122.5

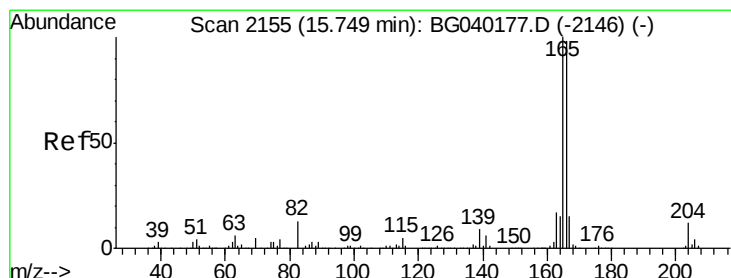
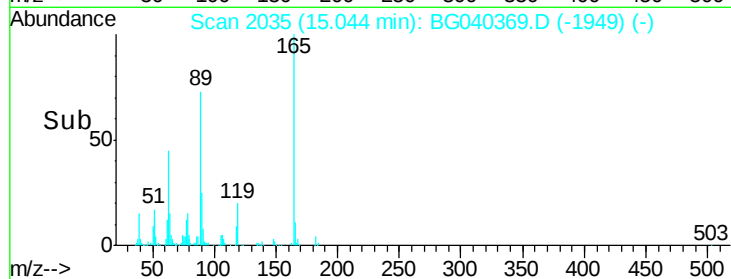
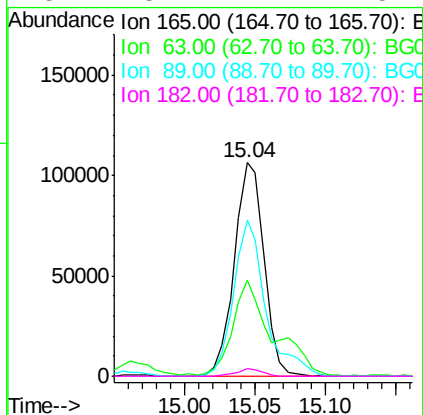
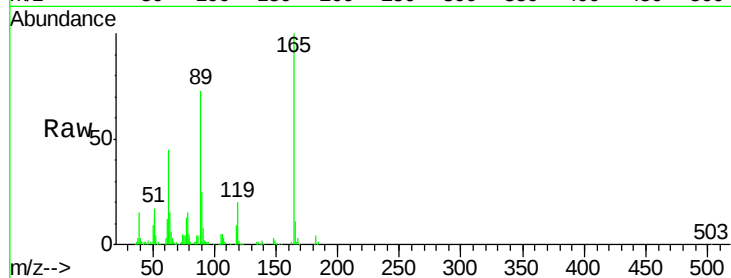




#57
 2,4-Dinitrotoluene
 Concen: 45.214 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

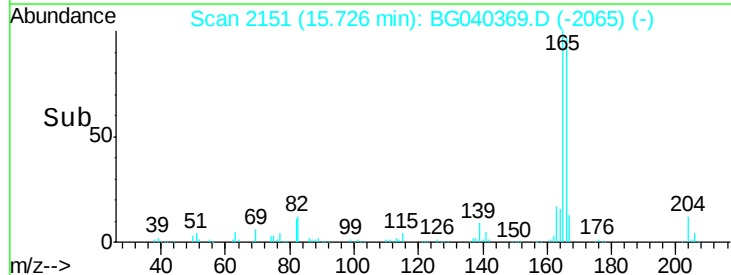
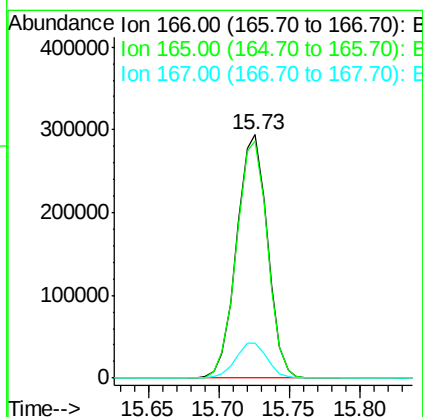
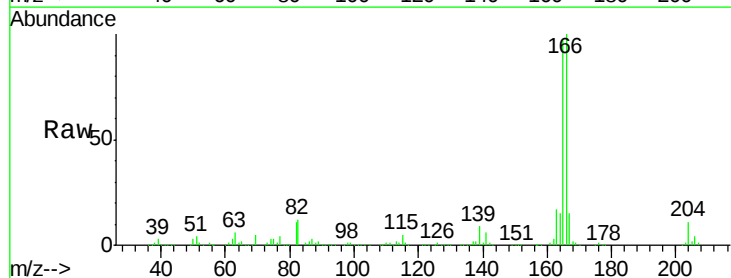
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 155539
 Ion Ratio Lower Upper
 165 100
 63 44.9 33.8 50.6
 89 73.2 55.4 83.2
 182 3.7 2.2 3.4#



#58
 Fluorene
 Concen: 42.749 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion:166 Resp: 448010
 Ion Ratio Lower Upper
 166 100
 165 97.4 81.7 122.5
 167 14.6 11.9 17.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.671 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 138978

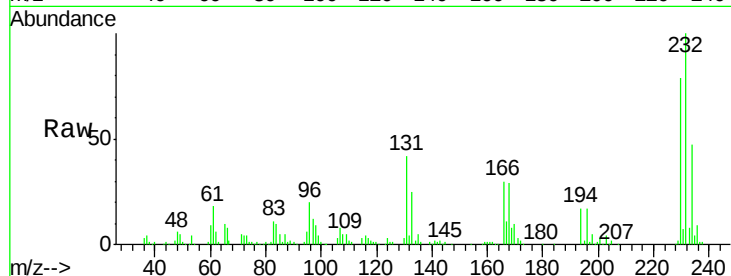
Ion Ratio Lower Upper

232 100

131 40.0 32.9 49.3

130 2.2 1.8 2.8

166 29.3 23.5 35.3

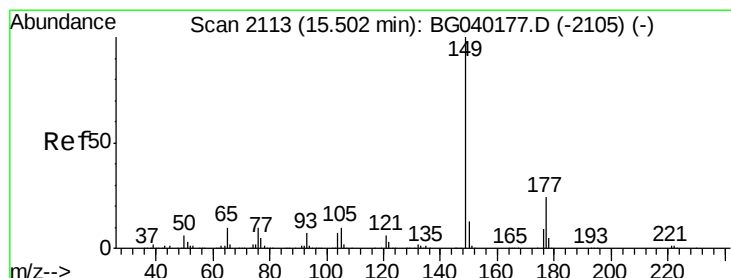
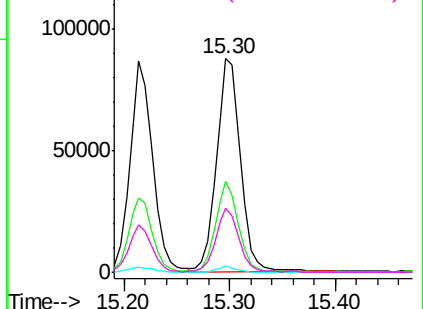
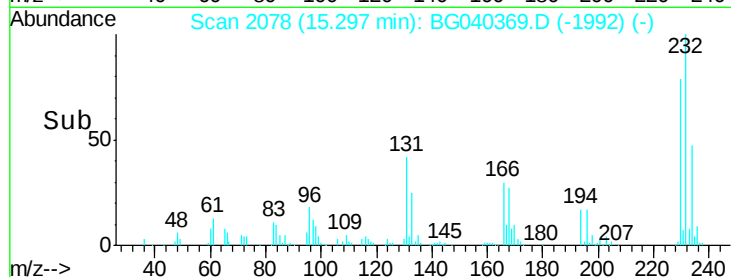


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.747 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

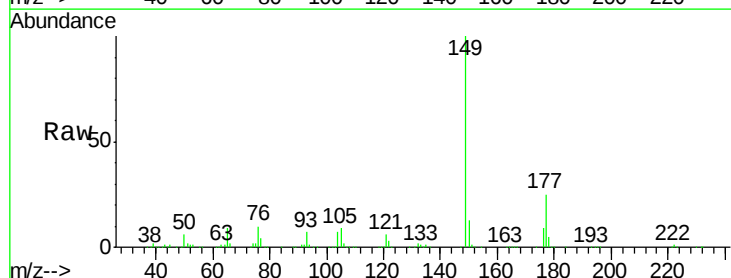
Tgt Ion:149 Resp: 493592

Ion Ratio Lower Upper

149 100

177 24.7 19.1 28.7

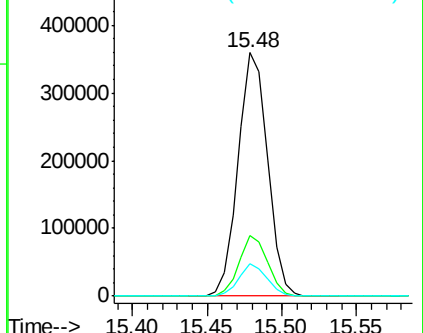
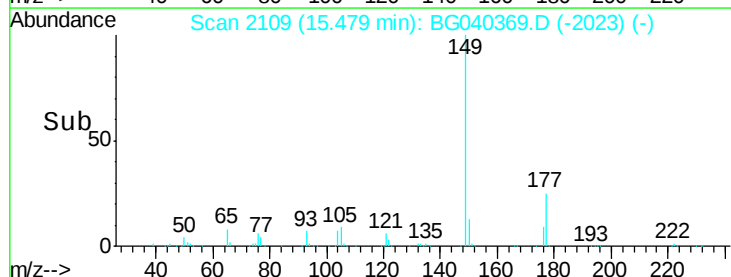
150 13.4 10.6 15.8

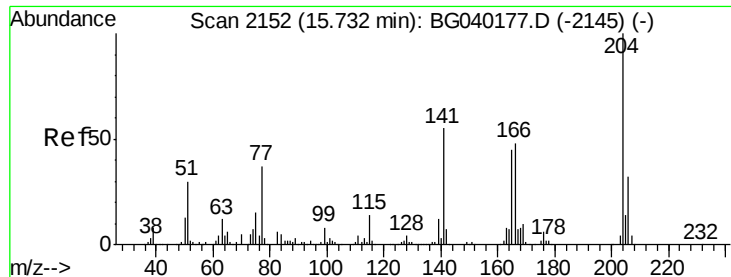


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

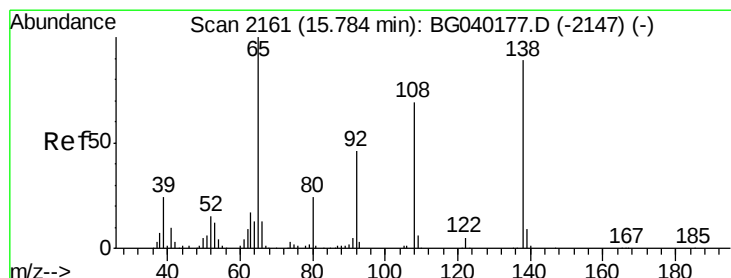
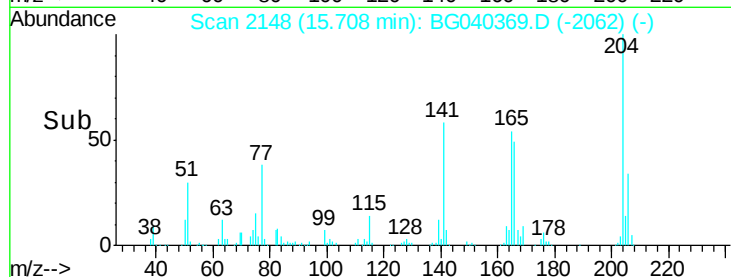
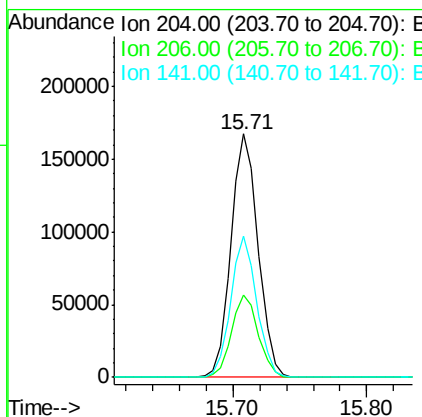
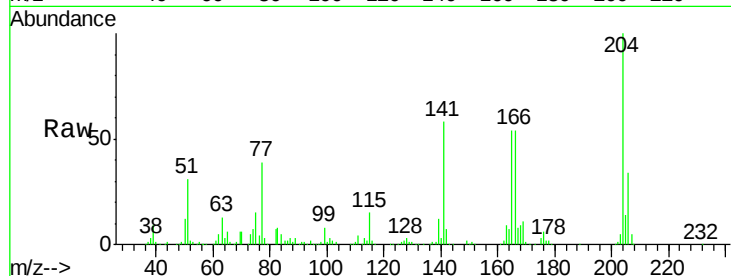




#61
 4-Chlorophenyl-phenylether
 Concen: 42.213 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

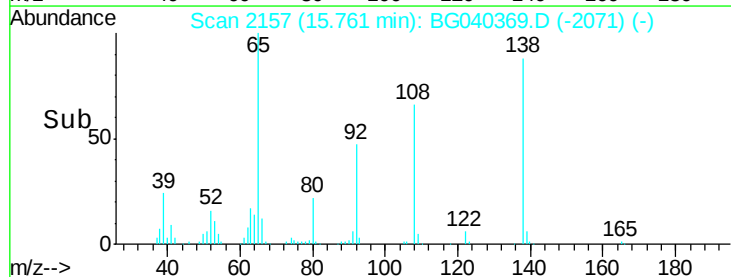
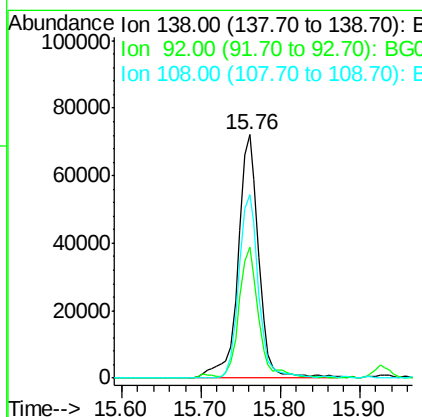
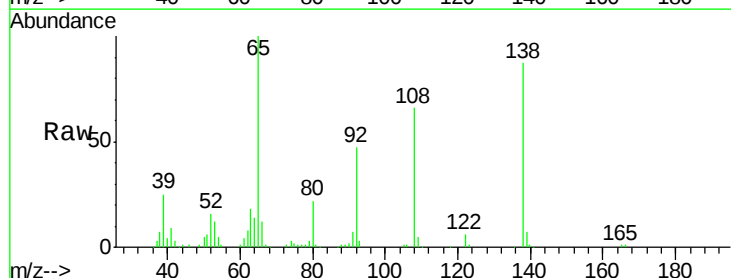
Instrument :
 BNA_G
 ClientSampleId :

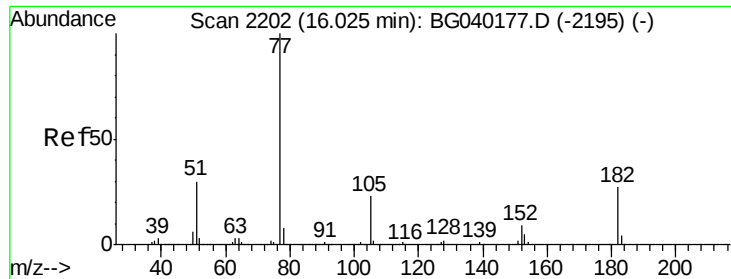
Tot Ion:204 Resp: 236471
 Ion Ratio Lower Upper
 204 100
 206 34.0 25.7 38.5
 141 58.1 44.0 66.0



#62
 4-Nitroaniline
 Concen: 46.124 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion:138 Resp: 129719
 Ion Ratio Lower Upper
 138 100
 92 54.0 31.8 71.8
 108 75.5 57.2 97.2

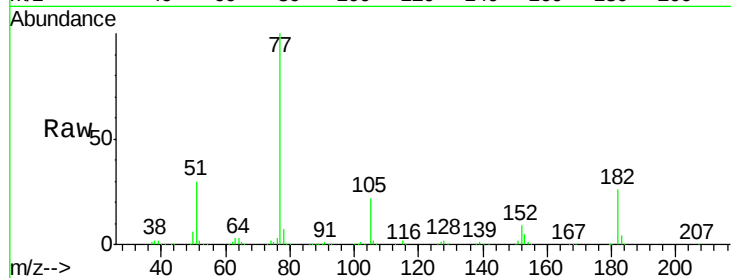




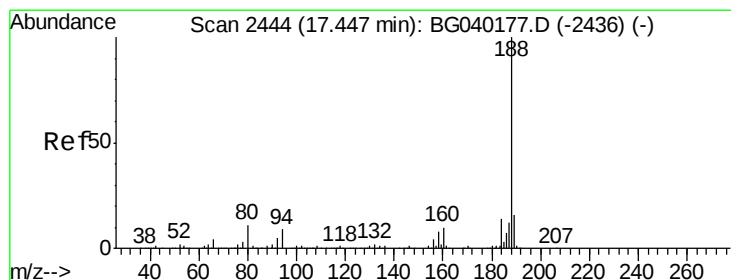
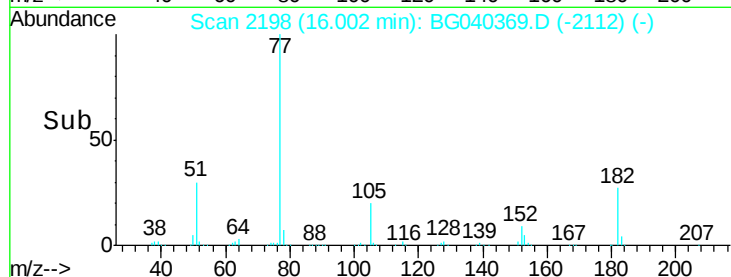
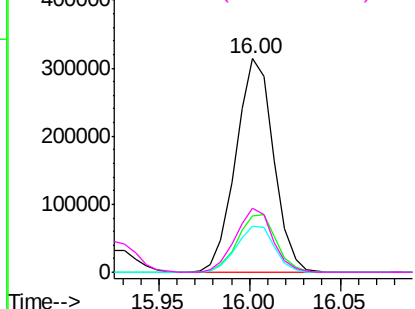
#63
Azobenzene
Concen: 42.393 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 451167
Ion Ratio Lower Upper
77 100
182 26.4 7.2 47.2
105 21.5 2.8 42.8
51 30.1 10.4 50.4

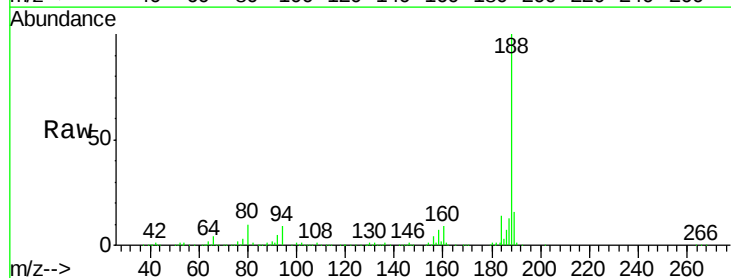


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

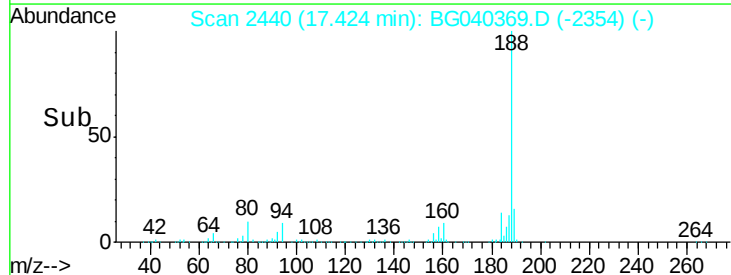
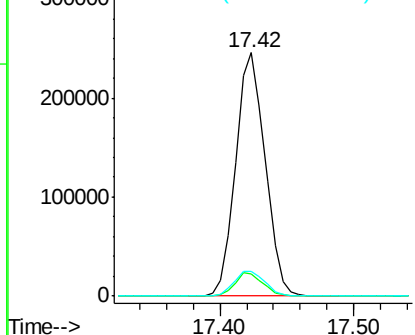


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion: 188 Resp: 375866
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.1 8.6 13.0



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

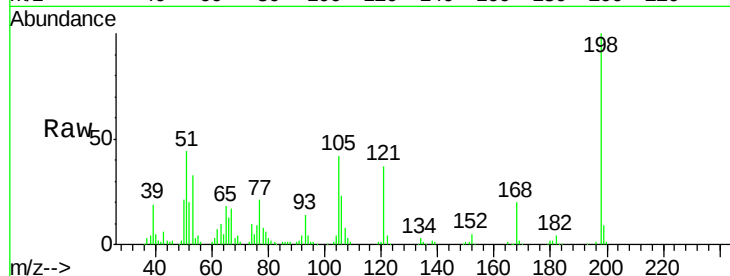




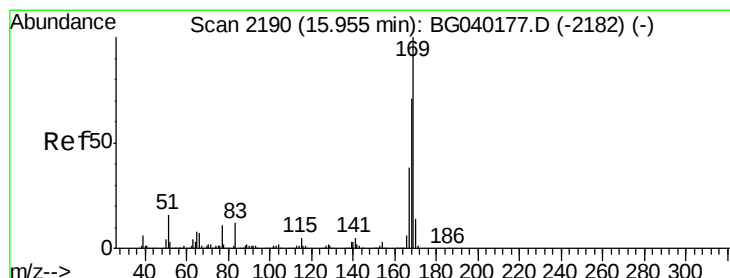
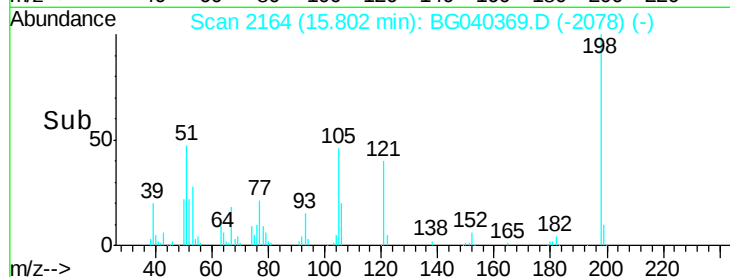
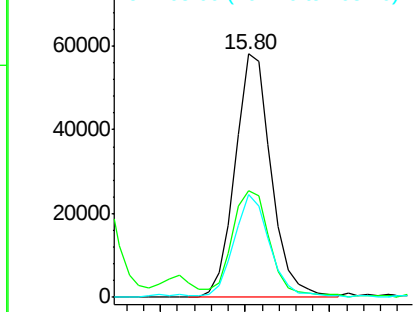
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.954 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.9	27.3	67.3
105	42.1	21.7	61.7

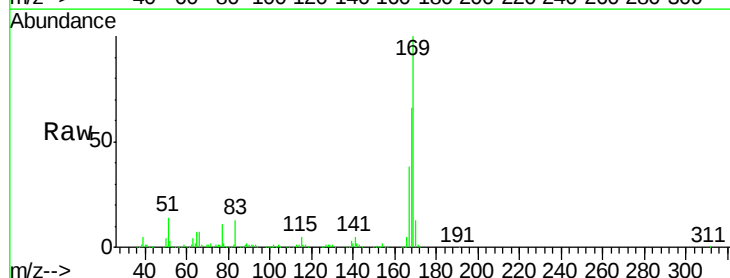


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

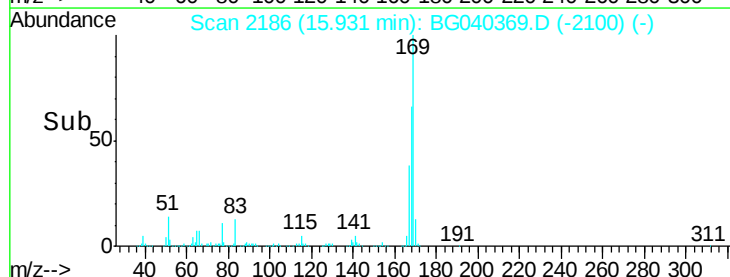
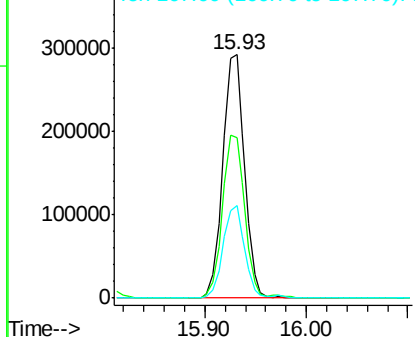


#66
 n-Nitrosodiphenylamine
 Concen: 39.508 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BG040369.D
 Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.9	56.8	85.2
167	37.9	30.2	45.4



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

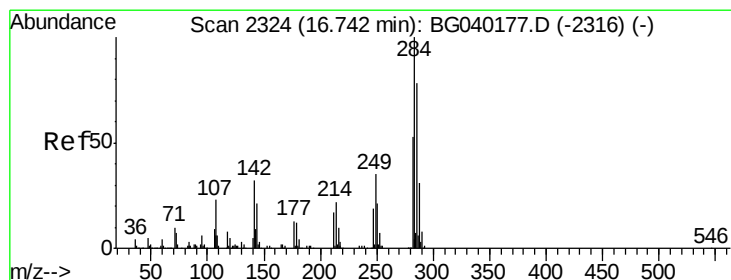
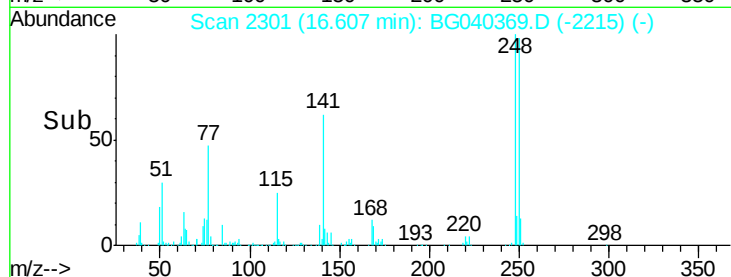
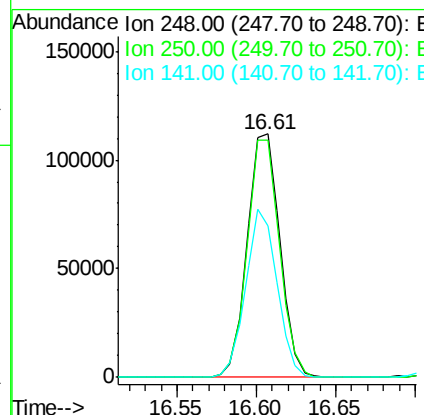
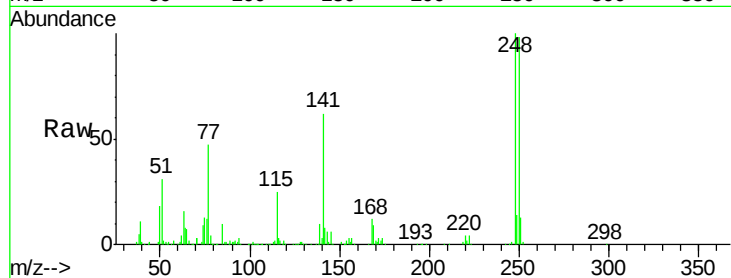




#67
4-Bromophenyl-phenylether
Concen: 37.838 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

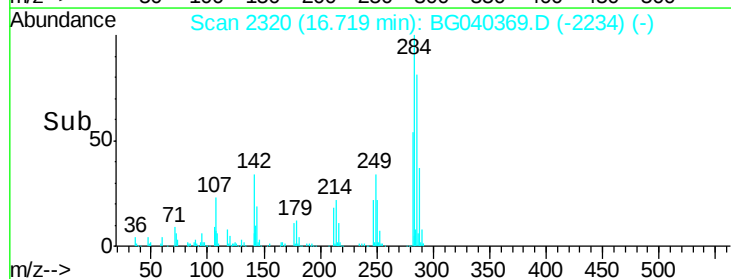
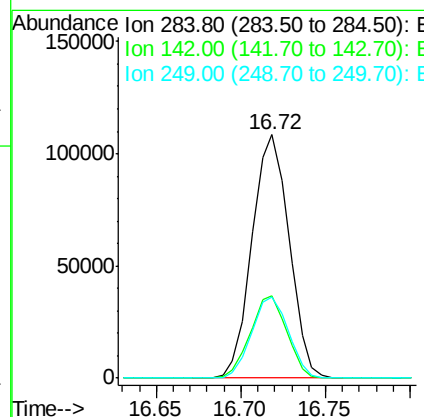
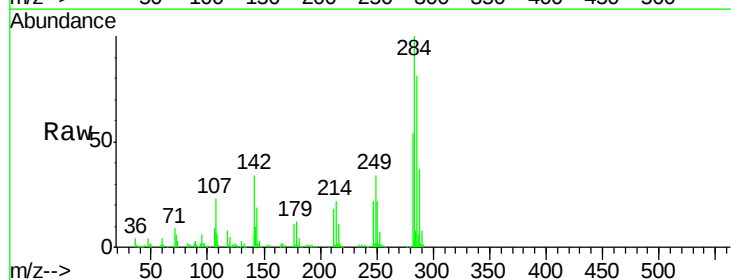
Instrument :
BNA_G
ClientSampleId :

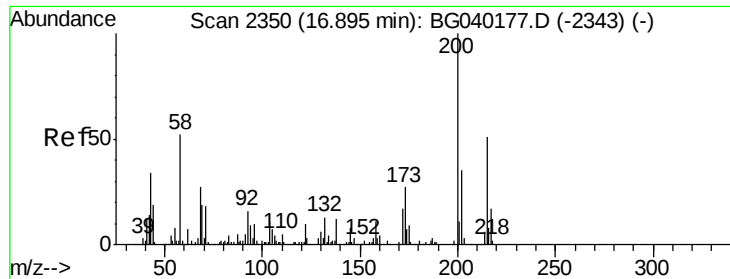
Tot Ion:248 Resp: 160049
Ion Ratio Lower Upper
248 100
250 97.5 76.4 114.6
141 62.0 53.8 80.8



#68
Hexachlorobenzene
Concen: 38.949 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion:284 Resp: 165643
Ion Ratio Lower Upper
284 100
142 34.0 25.3 37.9
249 33.5 28.2 42.2

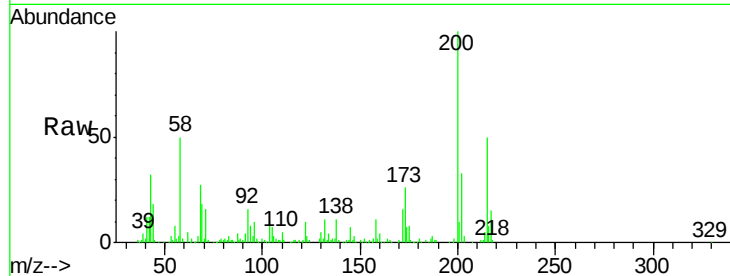




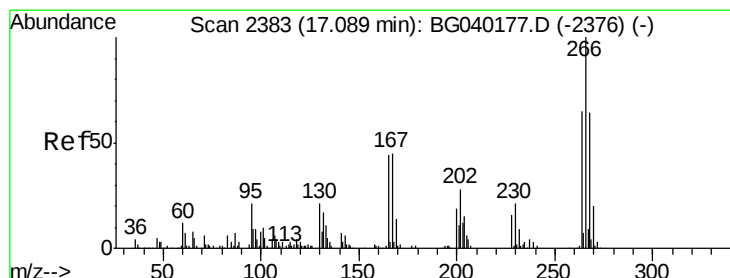
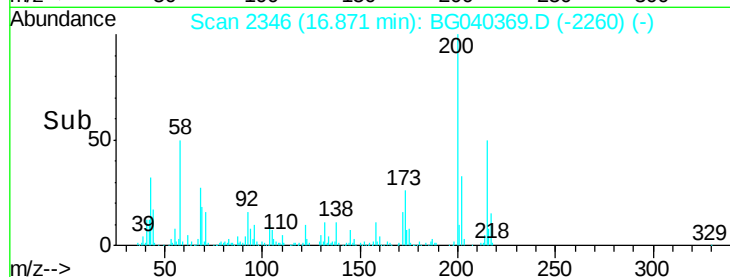
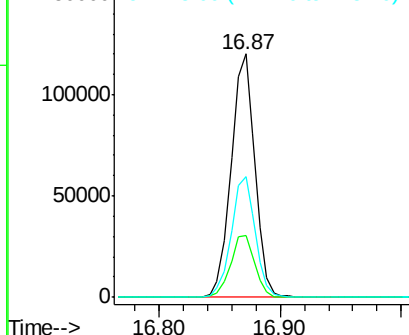
#69
Atrazine
Concen: 40.002 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	7.1	47.1
215	49.7	30.9	70.9

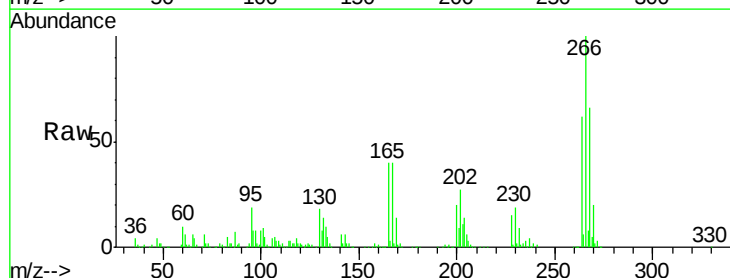


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

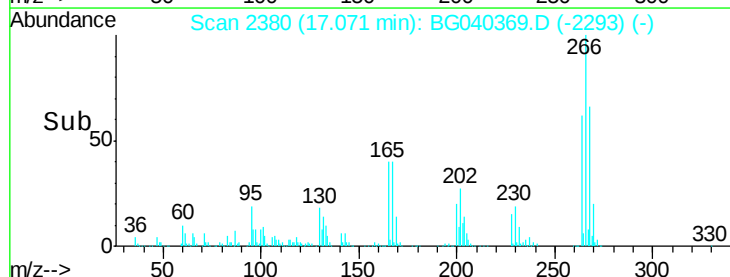
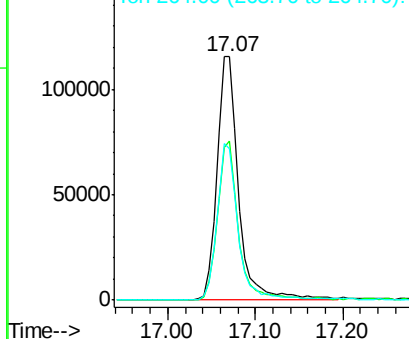


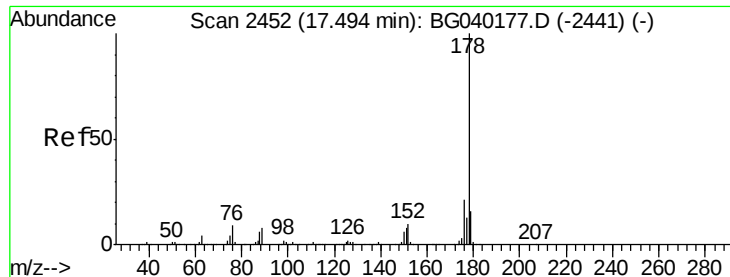
#70
Pentachlorophenol
Concen: 80.766 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	55.0	82.4
264	62.1	51.8	77.8



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

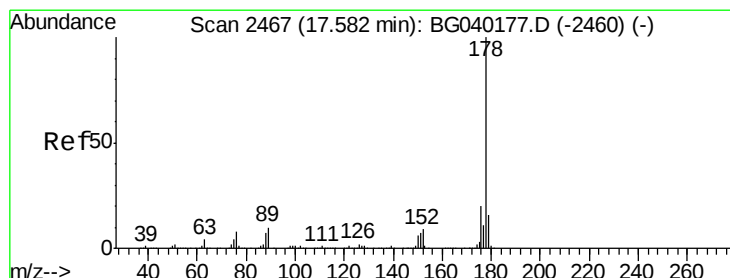
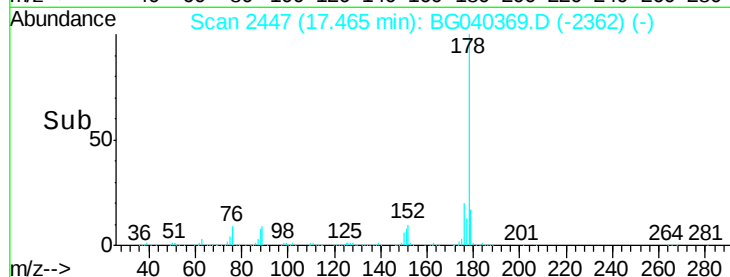
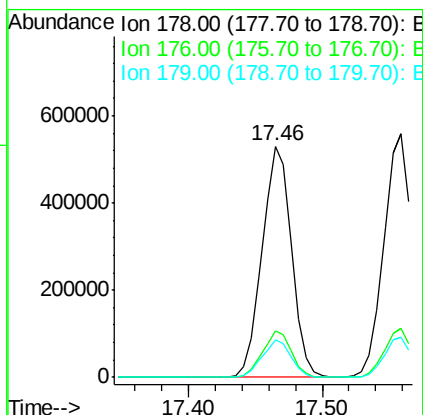
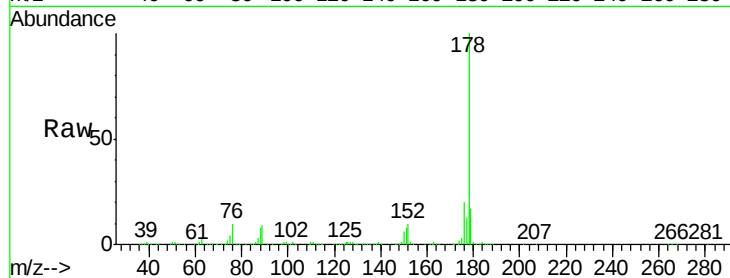




#71
Phenanthrene
Concen: 40.836 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

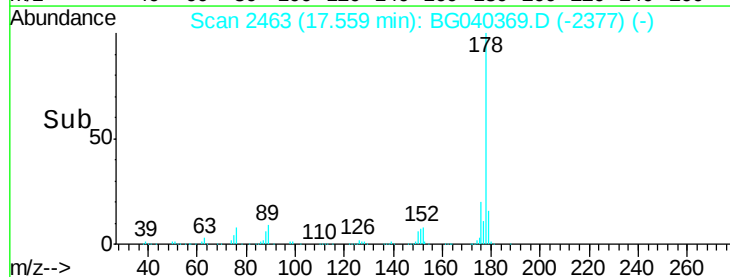
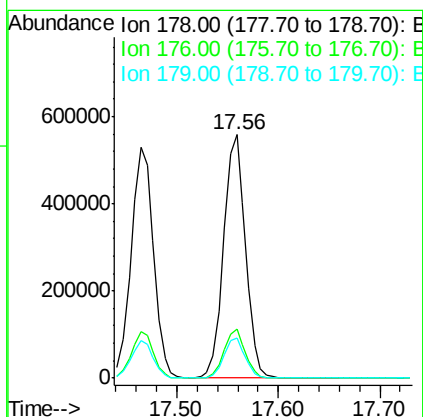
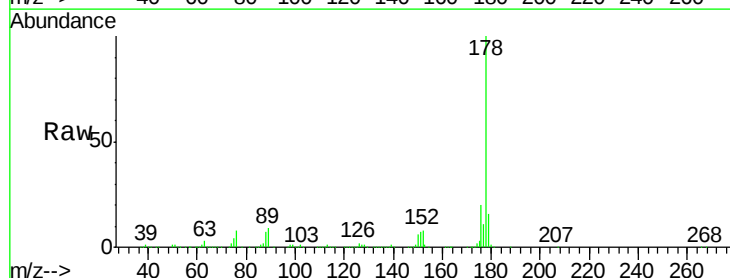
Instrument :
BNA_G
ClientSampleId :

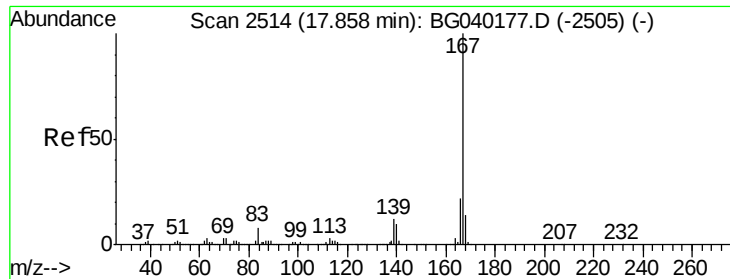
Tot Ion:178 Resp: 806773
Ion Ratio Lower Upper
178 100
176 20.2 16.7 25.1
179 16.5 12.8 19.2



#72
Anthracene
Concen: 42.021 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion:178 Resp: 830932
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 16.4 12.9 19.3





#73

Carbazole

Concen: 43.223 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

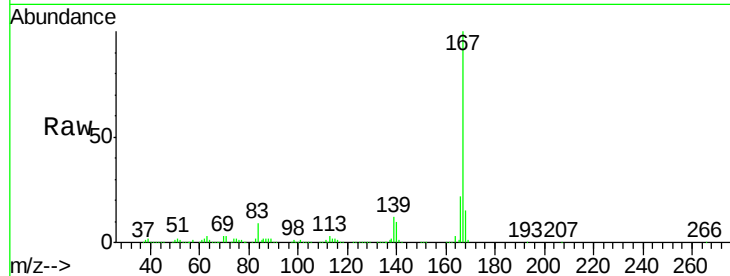
Tot Ion:167 Resp: 808882

Ion Ratio Lower Upper

167 100

166 22.1 17.5 26.3

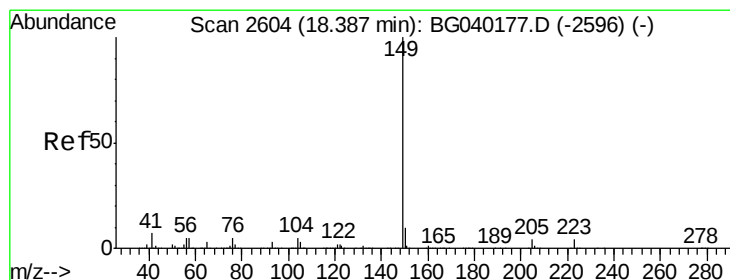
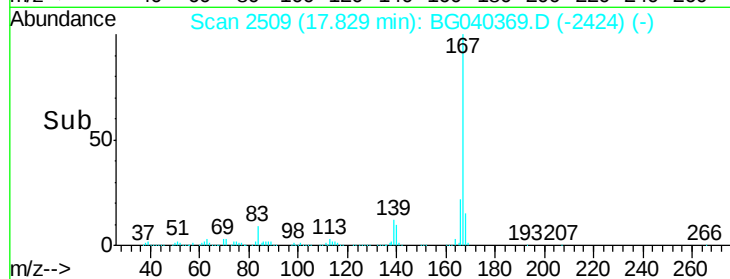
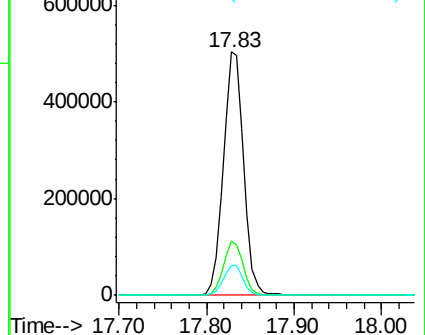
139 12.5 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.168 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

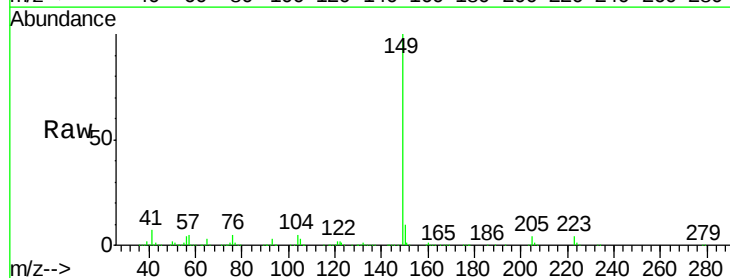
Tgt Ion:149 Resp: 935417

Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

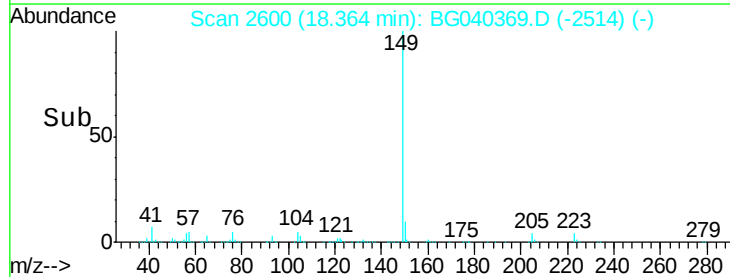
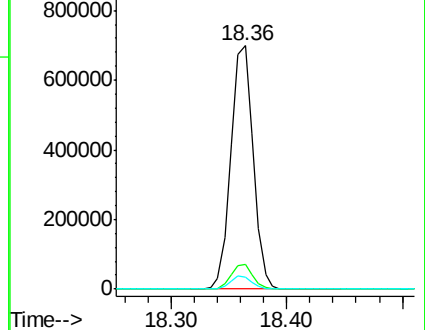
104 5.1 4.1 6.1

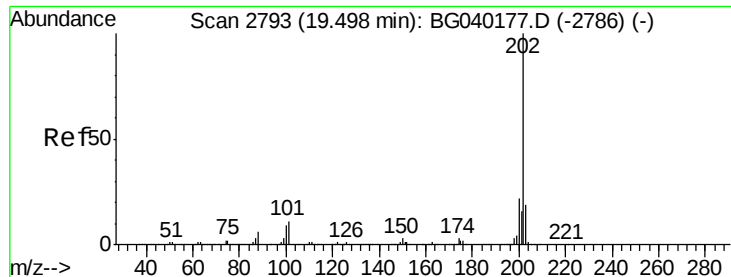


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.549 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

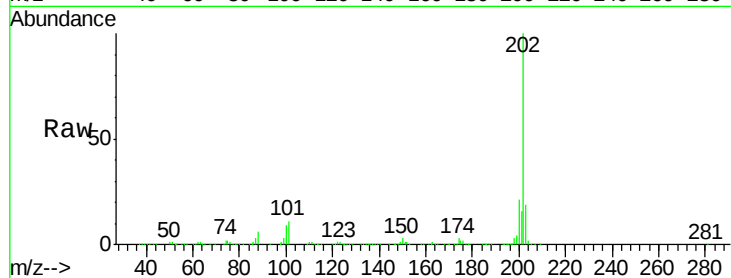
Tot Ion:202 Resp: 1042168

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.8

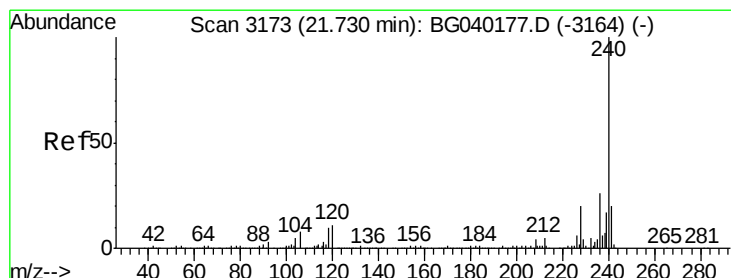
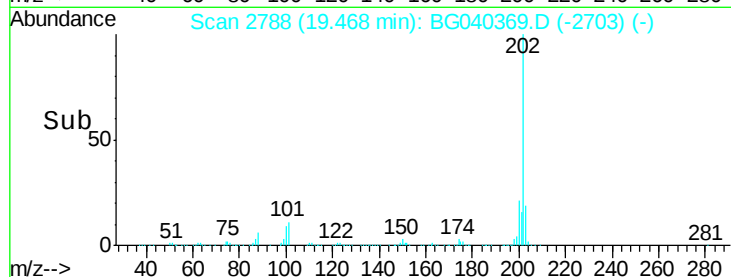
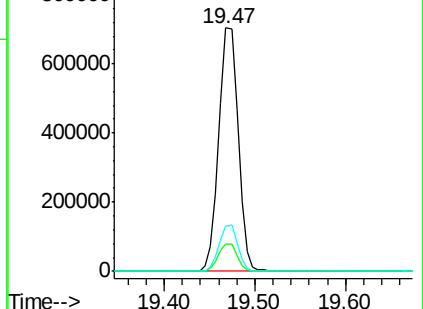
203 18.5 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.04 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

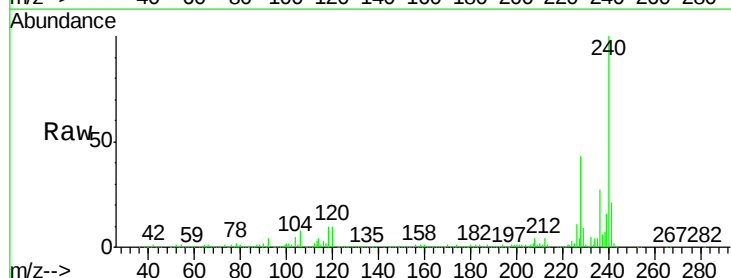
Tgt Ion:240 Resp: 413580

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

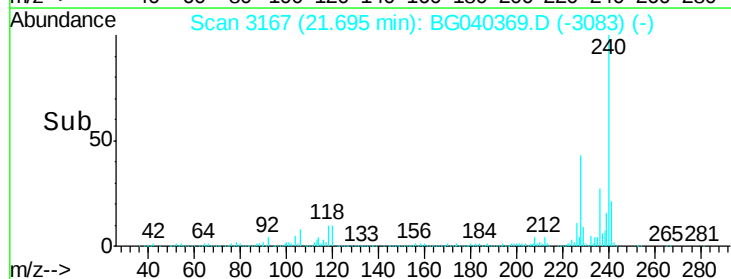
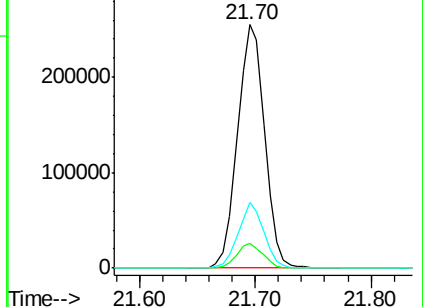
236 26.8 20.8 31.2

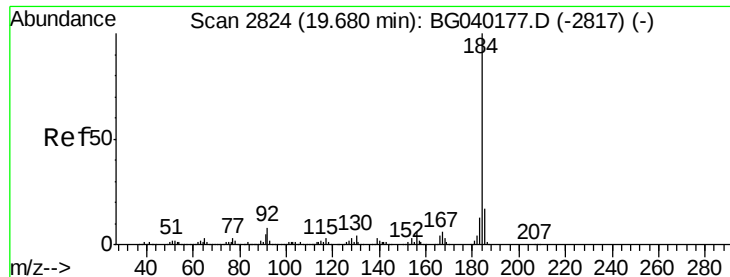


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.178 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

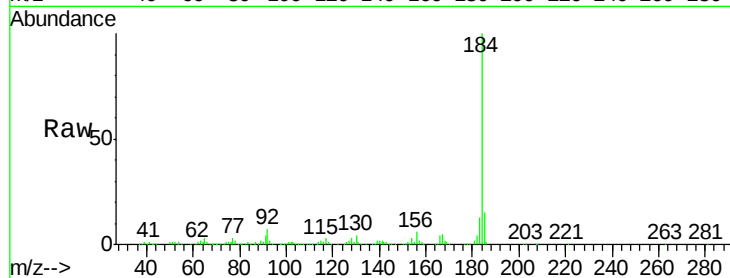
Tot Ion:184 Resp: 420832

Ion Ratio Lower Upper

184 100

185 15.1 13.3 19.9

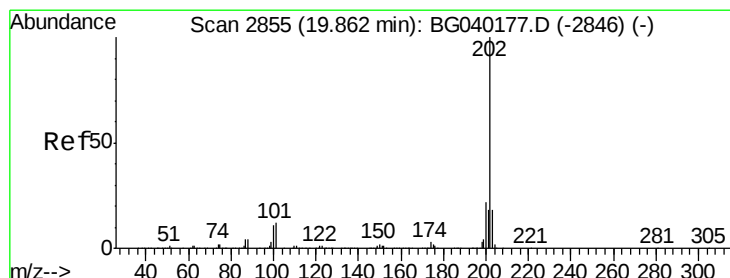
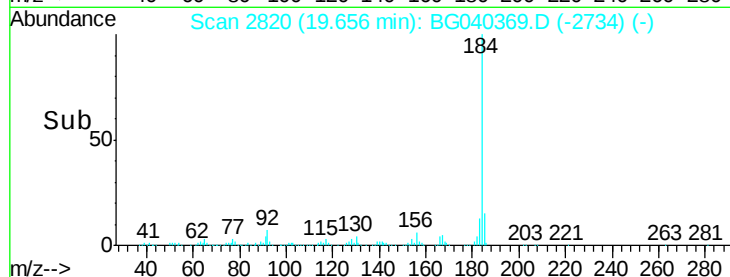
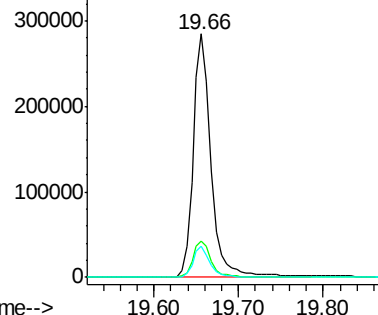
183 12.5 10.3 15.5



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: 38.780 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

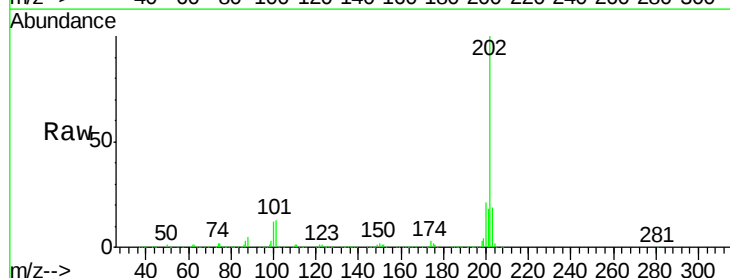
Tgt Ion:202 Resp: 1054709

Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

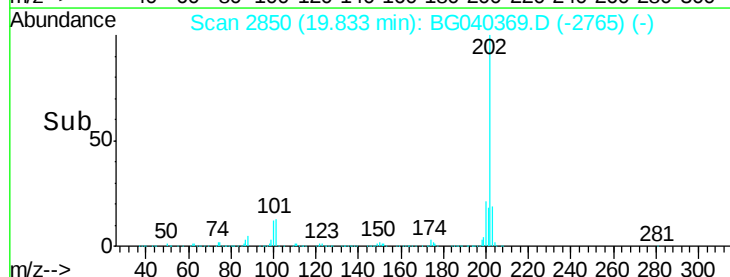
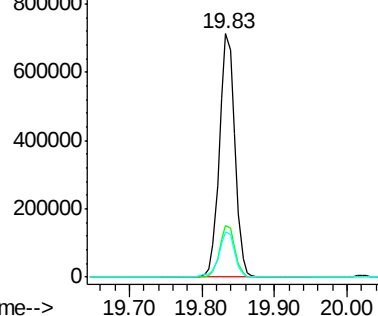
203 18.6 14.6 22.0



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: 81.265 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

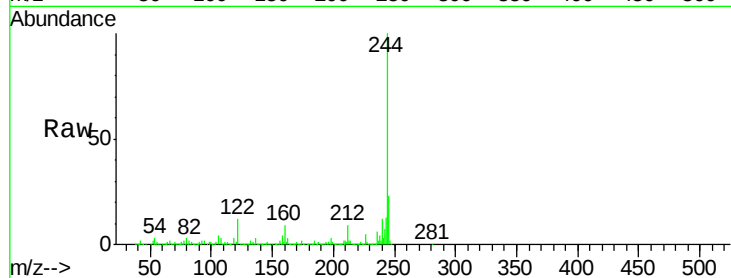
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1493989

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	12.2	8.5	12.7

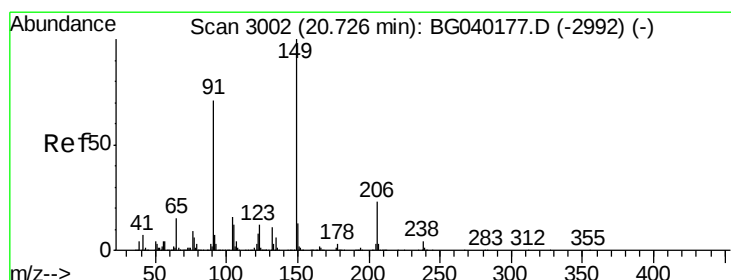
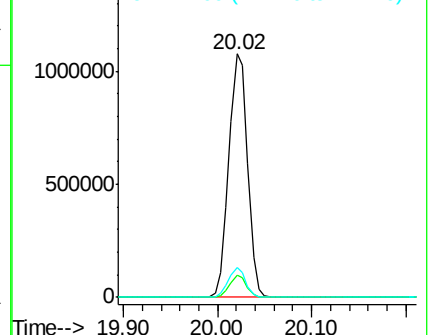
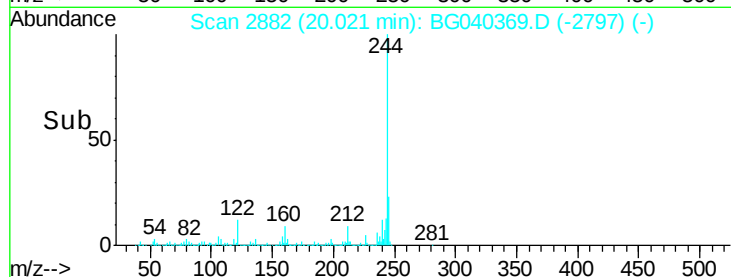


Abundance

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: 39.946 ng

RT: 20.70 min Scan# 2998

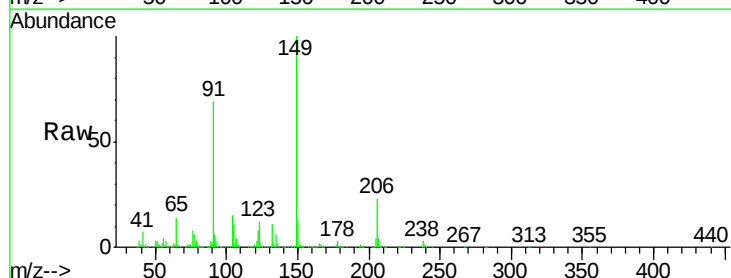
Delta R.T. -0.02 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Tgt Ion:149 Resp: 464904

Ion	Ratio	Lower	Upper
149	100		
91	68.5	57.0	85.4
206	23.3	18.2	27.4

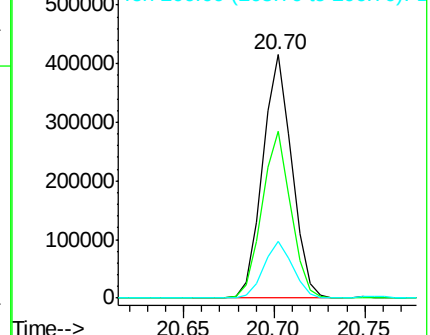
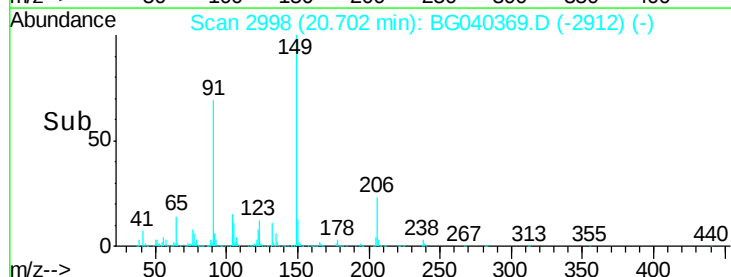


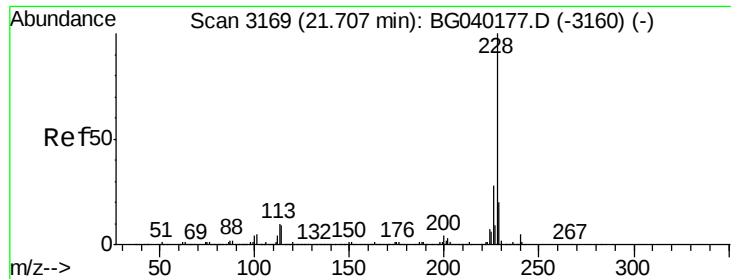
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.740 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

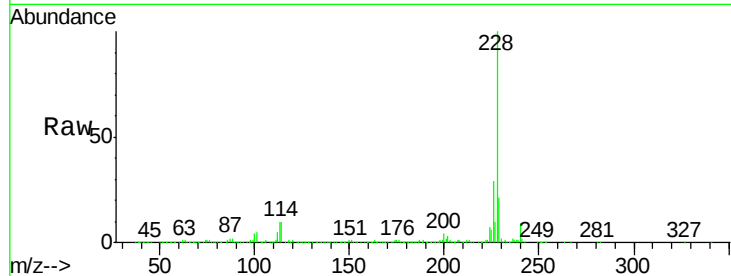
Tot Ion:228 Resp: 986873

Ion Ratio Lower Upper

228 100

226 29.3 22.6 34.0

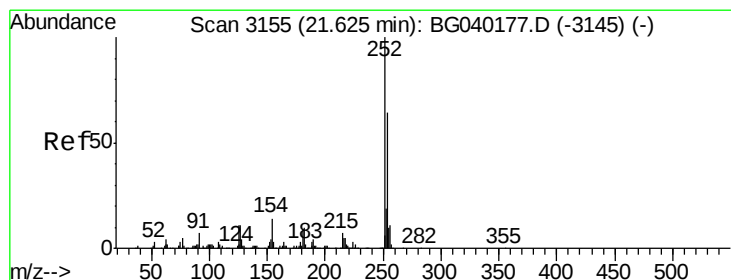
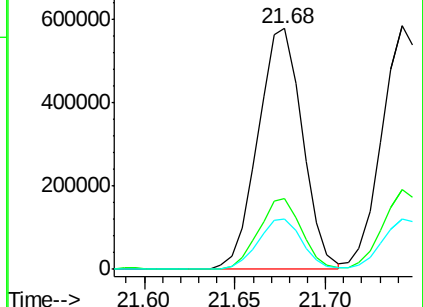
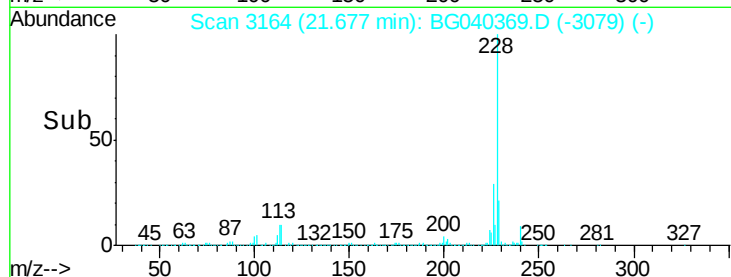
229 20.7 16.1 24.1



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: 26.350 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.04 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

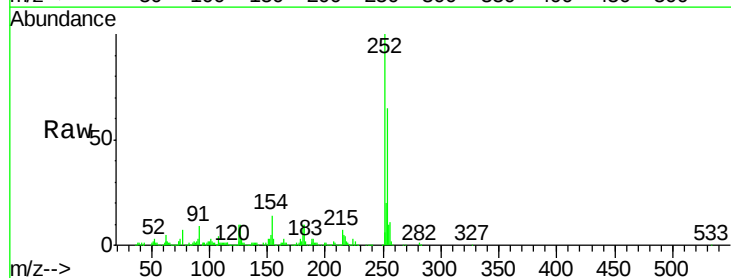
Tgt Ion:252 Resp: 255346

Ion Ratio Lower Upper

252 100

254 65.1 51.4 77.2

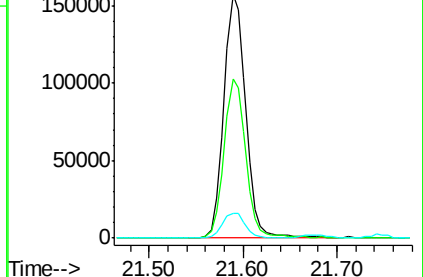
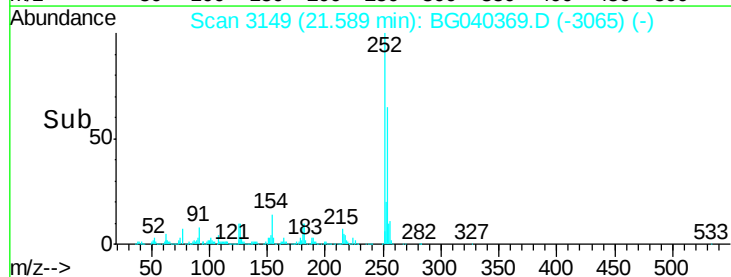
126 10.4 8.5 12.7



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: 40.014 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.04 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

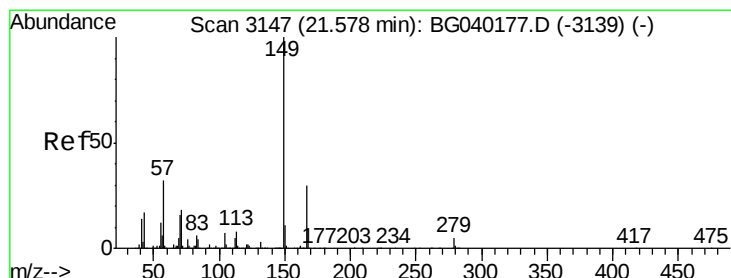
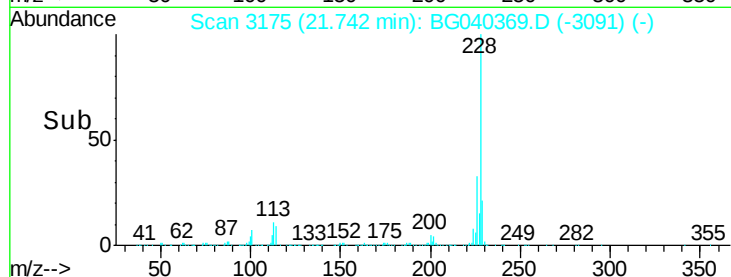
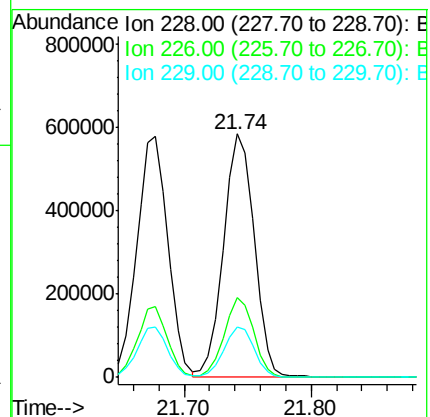
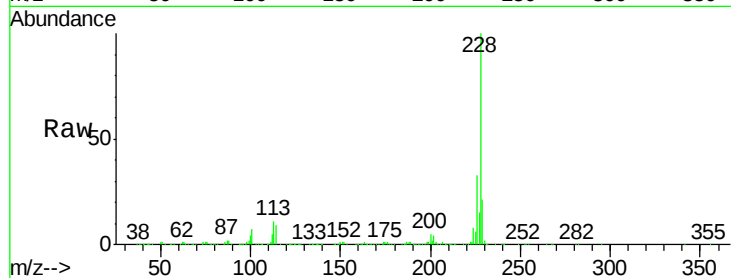
Tot Ion:228 Resp: 979641

Ion Ratio Lower Upper

228 100

226 32.6 25.4 38.0

229 20.6 17.0 25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.361 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.04 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

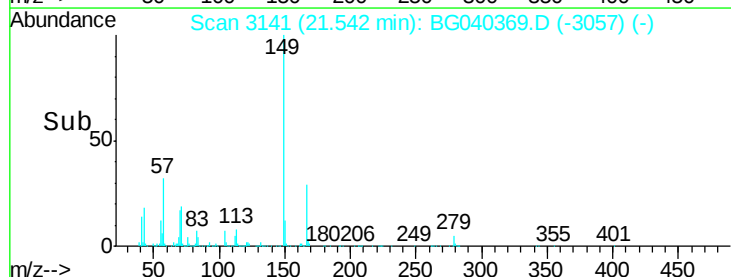
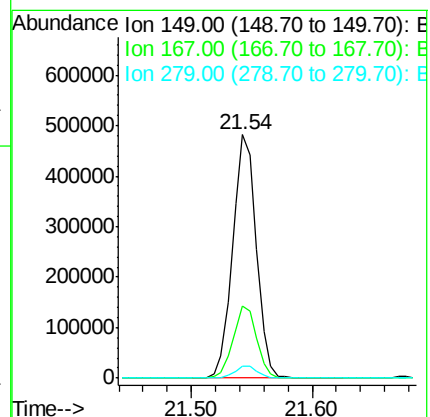
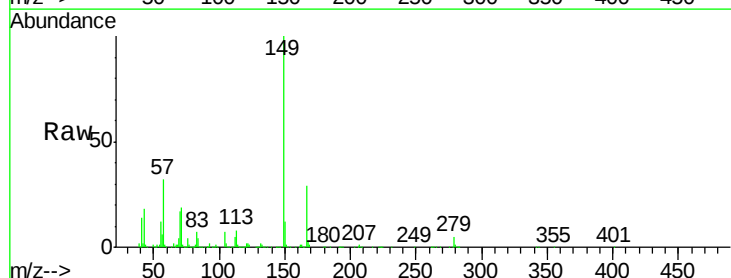
Tgt Ion:149 Resp: 654834

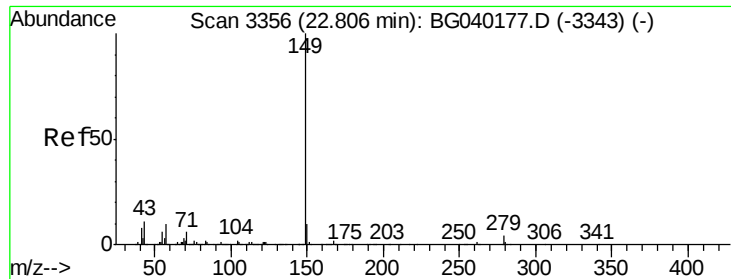
Ion Ratio Lower Upper

149 100

167 29.4 24.1 36.1

279 5.0 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 40.138 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

Instrument :

BNA_G

ClientSampleId :

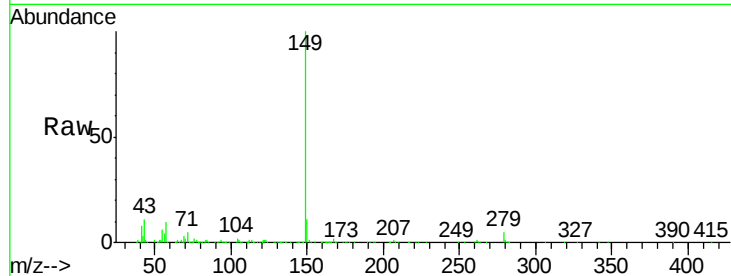
Tot Ion:149 Resp: 1137699

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

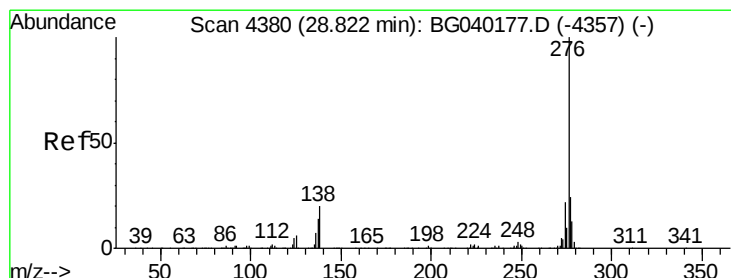
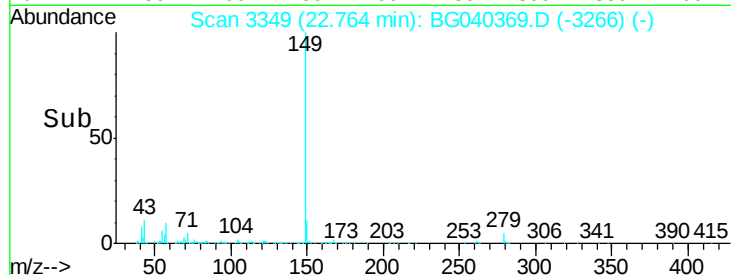
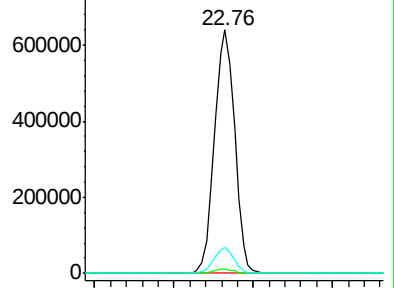
43 10.4 8.7 13.1



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.184 ng

RT: 28.73 min Scan# 4364

Delta R.T. -0.09 min

Lab File: BG040369.D

Acq: 4 Apr 2019 21:18

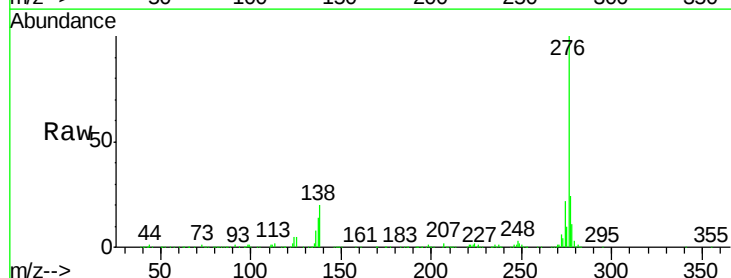
Tgt Ion:276 Resp: 1233180

Ion Ratio Lower Upper

276 100

138 23.7 18.8 28.2

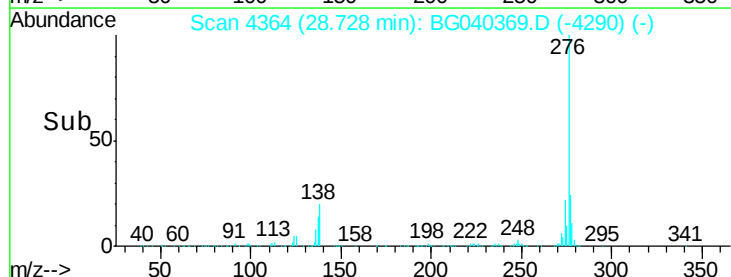
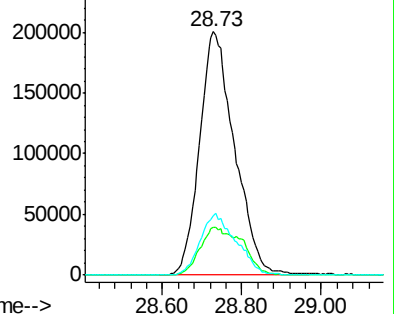
277 25.9 21.0 31.4

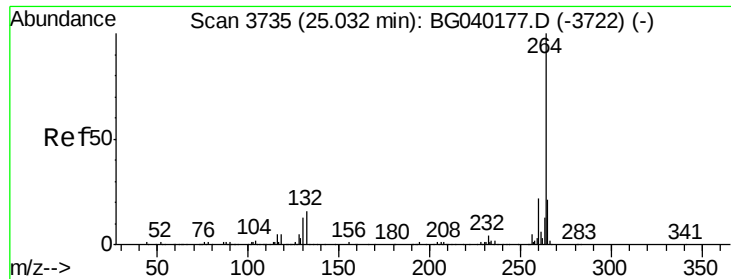


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



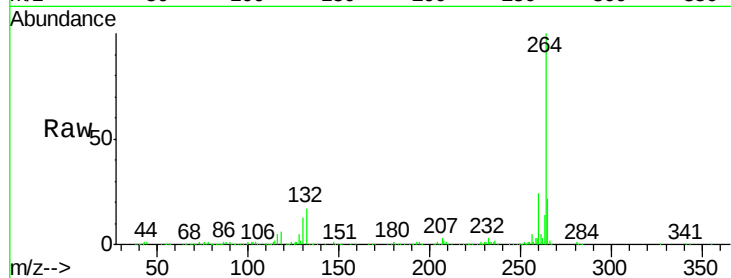


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

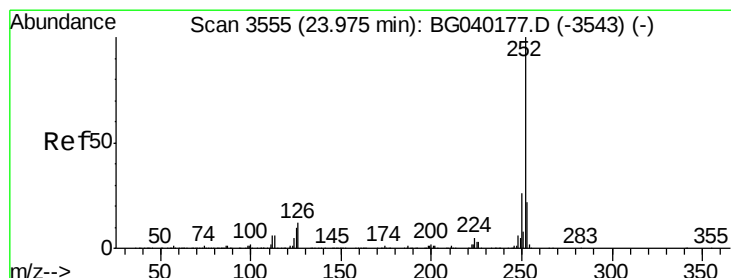
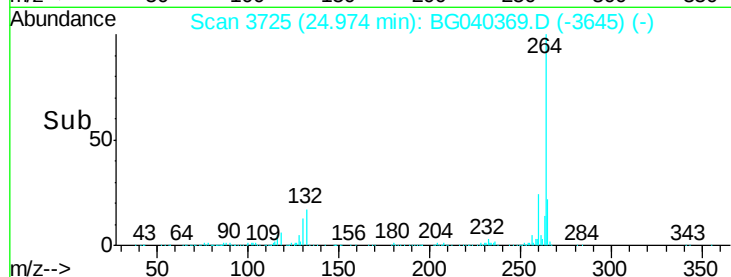
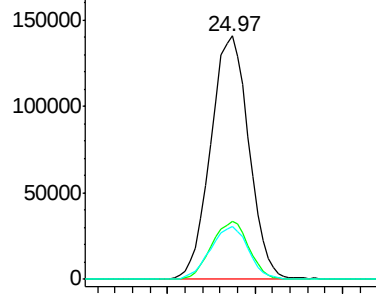
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 418596

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.9	26.9
265	21.6	16.8	25.2



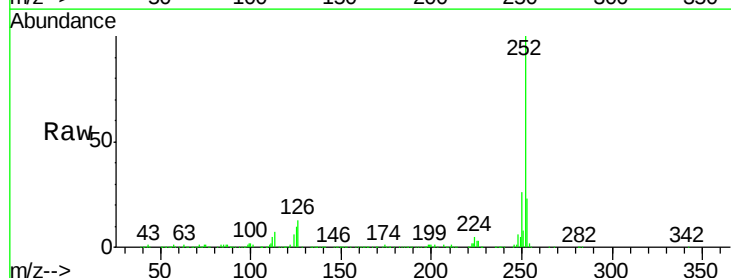
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



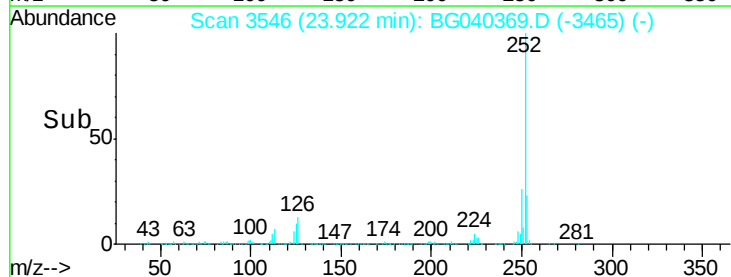
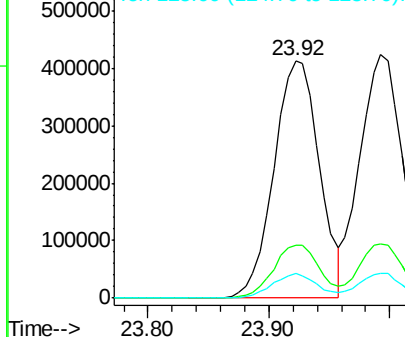
#88
Benzo(b)fluoranthene
Concen: 41.834 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.05 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion:252 Resp: 1072127

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	10.4	8.2	12.4



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

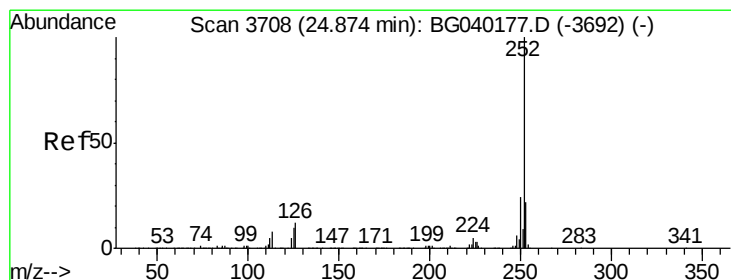
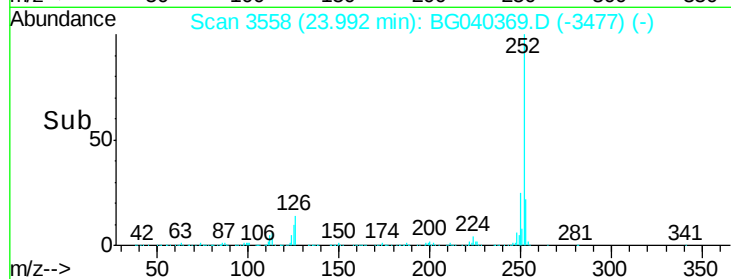
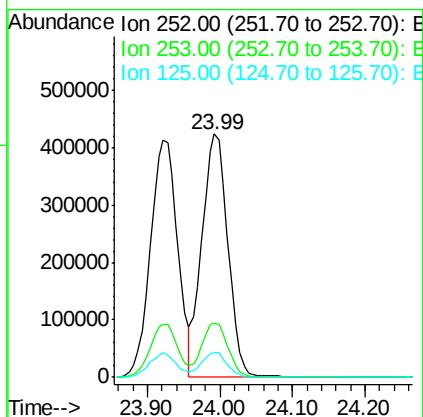
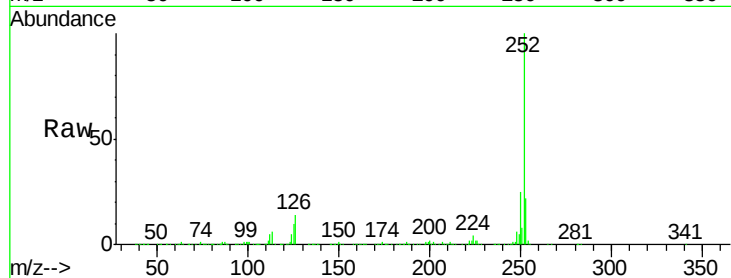




#89
Benzo(k)fluoranthene
Concen: 44.436 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.05 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

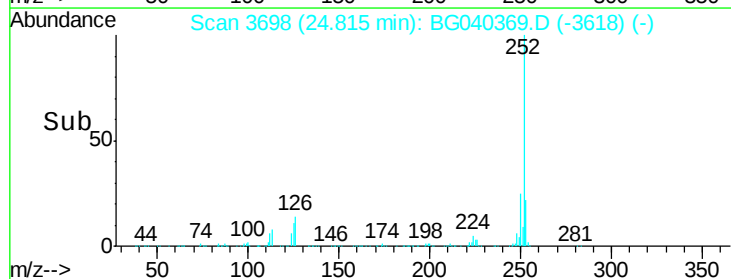
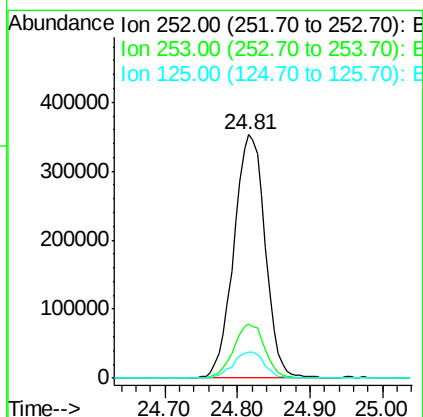
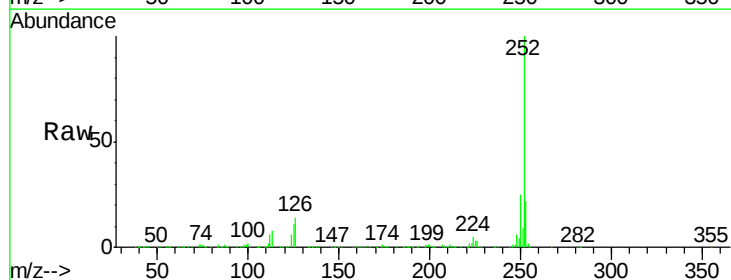
Instrument :
BNA_G
ClientSampleId :

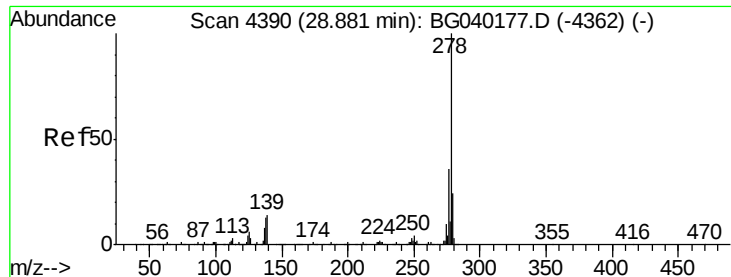
Tot Ion:252 Resp: 1047265
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 10.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 43.976 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.06 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion:252 Resp: 1057433
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.9 8.3 12.5

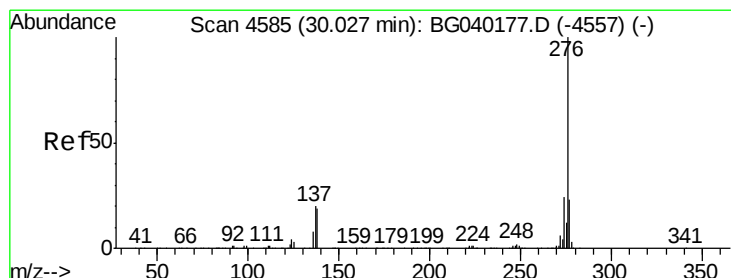
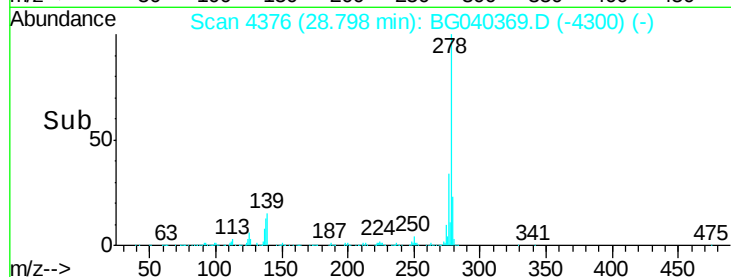
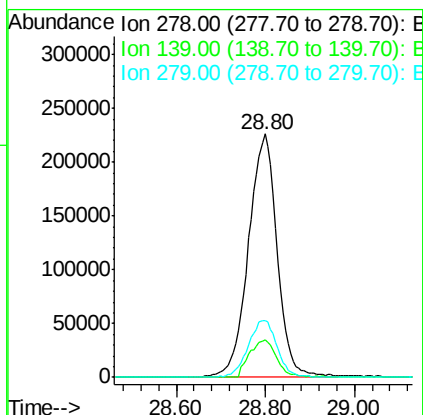
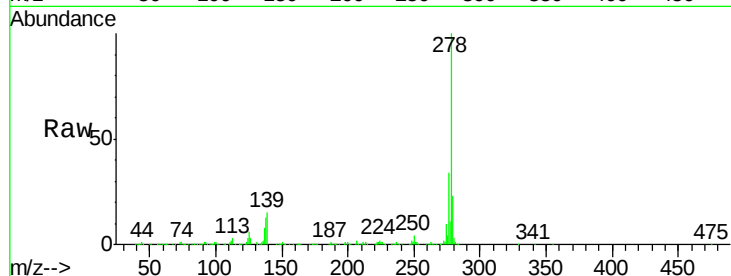




#91
Dibenzo(a,h)anthracene
Concen: 44.710 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.08 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 998499
Ion Ratio Lower Upper
278 100
139 15.3 11.2 16.8
279 23.3 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 45.114 ng
RT: 29.91 min Scan# 4566
Delta R.T. -0.11 min
Lab File: BG040369.D
Acq: 4 Apr 2019 21:18

Tgt Ion:276 Resp: 1035429
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 21.4 15.2 22.8

