

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040383.D
 Acq On : 5 Apr 2019 19:06
 Operator : JU/SJ
 Sample : PB118644BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118644BSD

Quant Time: Apr 05 23:37:51 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	55234	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	231711	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	142069	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	342645	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	376333	20.00	ng	-0.04
87) Perylene-d12	24.97	264	371932	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	449289	135.23	ng	-0.02
7) Phenol-d6	7.21	99	607851	132.38	ng	-0.02
23) Nitrobenzene-d5	9.22	82	335656	77.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	213650	139.15	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	748442	78.06	ng	-0.02
79) Terphenyl-d14	20.02	244	1231307	73.61	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	85920	54.996	ng	99
3) Pyridine	3.89	79	158295	37.632	ng	99
4) n-Nitrosodimethylamine	3.82	42	76063	39.092	ng	# 93
6) Aniline	7.38	93	163087	27.337	ng	95
8) 2-Chlorophenol	7.61	128	164595	42.320	ng	97
9) Benzaldehyde	7.19	77	45448	14.429	ng	92
10) Phenol	7.23	94	217566	43.653	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	154471	38.696	ng	99
12) 1,3-Dichlorobenzene	7.93	146	170670	40.367	ng	95
13) 1,4-Dichlorobenzene	8.08	146	170036	40.379	ng	98
14) 1,2-Dichlorobenzene	8.40	146	162462	40.344	ng	98
15) Benzyl Alcohol	8.29	79	143788	38.883	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	292422	38.169	ng	99
17) 2-Methylphenol	8.49	107	146420	42.455	ng	96
18) Hexachloroethane	9.12	117	62207	38.837	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	122266	37.138	ng	98
20) 3+4-Methylphenols	8.81	107	202095	43.256	ng	100
22) Acetophenone	8.87	105	242743	41.997	ng	98
24) Nitrobenzene	9.26	77	186325	41.276	ng	98
25) Isophorone	9.77	82	350754	39.105	ng	98
26) 2-Nitrophenol	9.97	139	89610	41.893	ng	97
27) 2,4-Dimethylphenol	10.02	122	163277	48.056	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	215372	40.585	ng	99
29) 2,4-Dichlorophenol	10.50	162	161986	43.923	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	171372	42.320	ng	98
31) Naphthalene	10.91	128	497432	41.882	ng	98
32) Benzoic acid	10.15	122	60407	29.426	ng	93
33) 4-Chloroaniline	11.02	127	131208	25.899	ng	98
34) Hexachlorobutadiene	11.17	225	100890	38.956	ng	95
35) Caprolactam	11.81	113	56506	38.610	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	179555	42.351	ng	97
37) 2-Methylnaphthalene	12.51	142	369406	42.055	ng	99
38) 1-Methylnaphthalene	12.73	142	350827	41.188	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	186897	41.391	ng	99

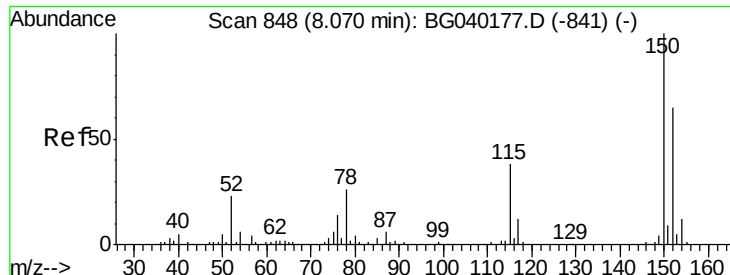
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040383.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	211393	85.263	ng	97
43) 2,4,6-Trichlorophenol	13.11	196	130175	44.714	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	135515	42.706	ng	97
46) 1,1'-Biphenyl	13.51	154	466531	41.561	ng	97
47) 2-Chloronaphthalene	13.56	162	363893	42.261	ng	99
48) 2-Nitroaniline	13.77	65	120397	41.453	ng	99
49) Acenaphthylene	14.40	152	592063	40.555	ng	99
50) Dimethylphthalate	14.13	163	458042	41.195	ng	99
51) 2,6-Dinitrotoluene	14.26	165	103577	41.487	ng	96
52) Acenaphthene	14.74	154	345626	41.316	ng	99
53) 3-Nitroaniline	14.60	138	77931	29.489	ng	97
54) 2,4-Dinitrophenol	14.80	184	103408	77.883	ng	94
55) Dibenzofuran	15.07	168	569311	42.353	ng	100
56) 4-Nitrophenol	14.90	139	175118	82.103	ng	97
57) 2,4-Dinitrotoluene	15.04	165	149360	43.055	ng	99
58) Fluorene	15.72	166	437896	41.435	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	130499	45.320	ng	100
60) Diethylphthalate	15.48	149	472745	41.550	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	239007	42.309	ng	96
62) 4-Nitroaniline	15.76	138	120646	42.540	ng	95
63) Azobenzene	16.00	77	437815	40.794	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	82523	42.868	ng	91
66) n-Nitrosodiphenylamine	15.93	169	413073	41.197	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	155462	40.317	ng	95
68) Hexachlorobenzene	16.72	284	156412	40.344	ng	97
69) Atrazine	16.87	200	154241	41.353	ng	96
70) Pentachlorophenol	17.06	266	168166	75.026	ng	93
71) Phenanthrene	17.46	178	755680	41.959	ng	98
72) Anthracene	17.56	178	767861	42.596	ng	100
73) Carbazole	17.83	167	742084	43.498	ng	100
74) Di-n-butylphthalate	18.36	149	857099	42.384	ng	99
75) Fluoranthene	19.47	202	955683	44.813	ng	99
77) Benzidine	19.66	184	354790	26.107	ng	99
78) Pyrene	19.83	202	975420	39.414	ng	100
80) Butylbenzylphthalate	20.70	149	432496	40.840	ng	96
81) Benzo(a)anthracene	21.67	228	930907	40.160	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	265482	30.107	ng	99
83) Chrysene	21.74	228	918094	41.212	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	612461	40.458	ng	99
85) Di-n-octyl phthalate	22.76	149	1059376	41.074	ng	99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1142154	41.919	ng	100
88) Benzo(b)fluoranthene	23.92	252	1003998	44.091	ng	98
89) Benzo(k)fluoranthene	23.99	252	969606	46.303	ng	98
90) Benzo(a)pyrene	24.81	252	984245	46.068	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	929085	46.822	ng	99
92) Benzo(g,h,i)perylene	29.91	276	956310	46.894	ng	97

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

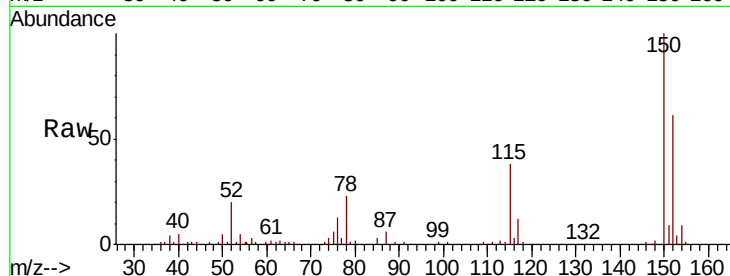


#1

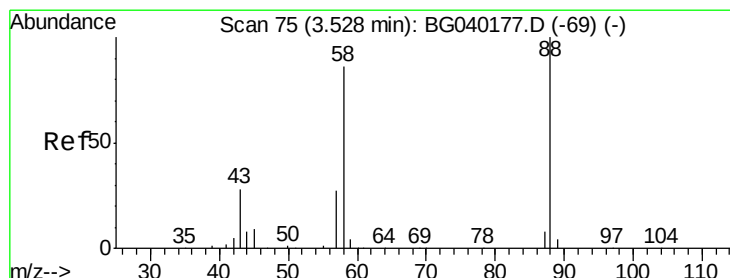
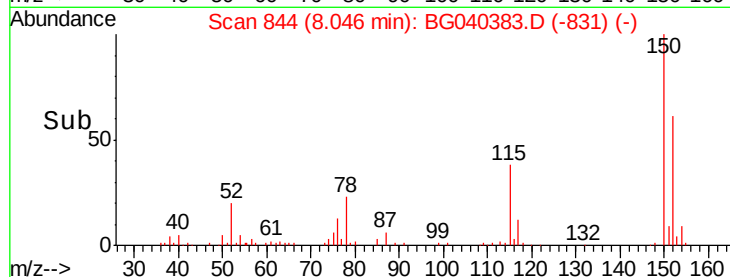
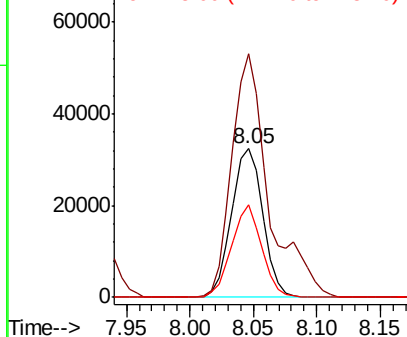
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :
PB118644BSD

Tot Ion:152 Resp: 55234
Ion Ratio Lower Upper
152 100
150 163.7 123.7 185.5
115 62.0 46.9 70.3



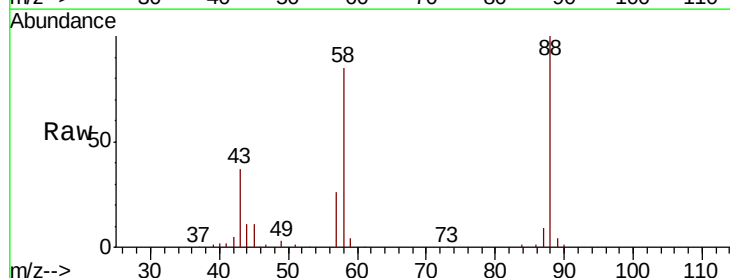
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



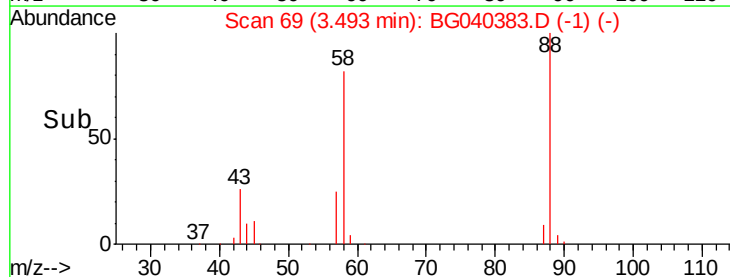
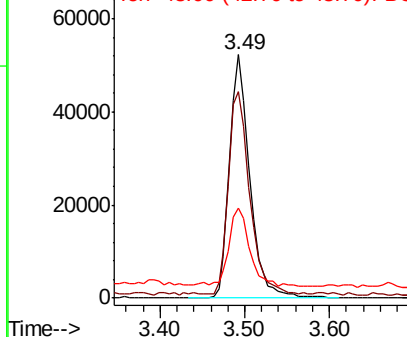
#2

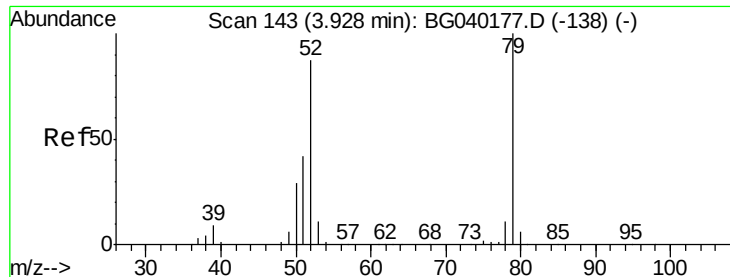
1,4-Dioxane
Concen: 54.996 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.04 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Tgt Ion: 88 Resp: 85920
Ion Ratio Lower Upper
88 100
58 87.7 70.6 106.0
43 30.5 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: 37.632 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.04 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

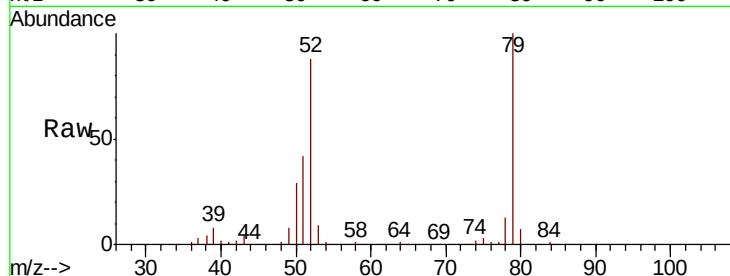
Tot Ion: 79 Resp: 158295

Ion Ratio Lower Upper

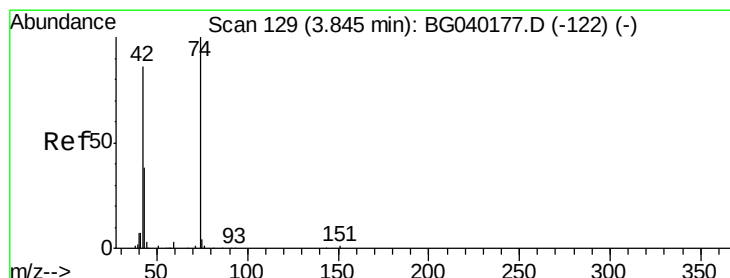
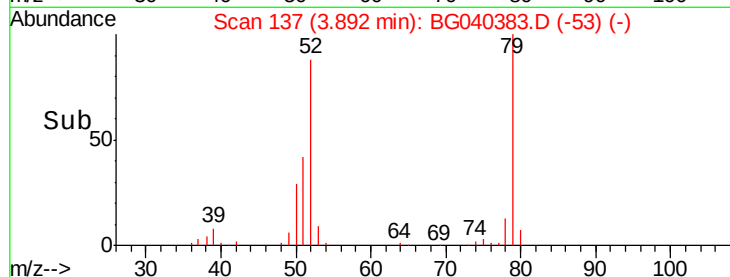
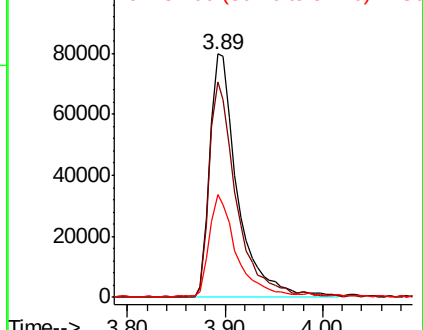
79 100

52 88.3 69.8 104.8

51 42.2 33.9 50.9



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



#4

n-Nitrosodimethylamine

Concen: 39.092 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

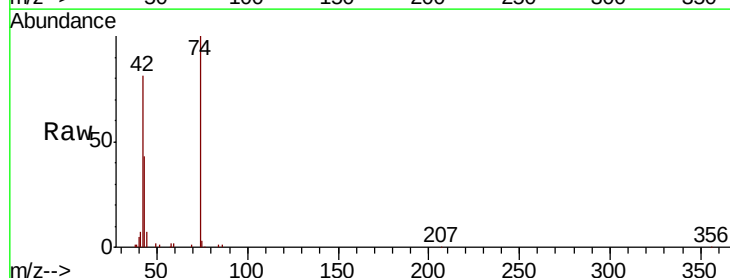
Tgt Ion: 42 Resp: 76063

Ion Ratio Lower Upper

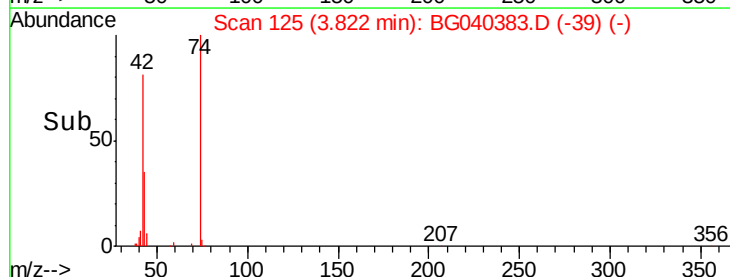
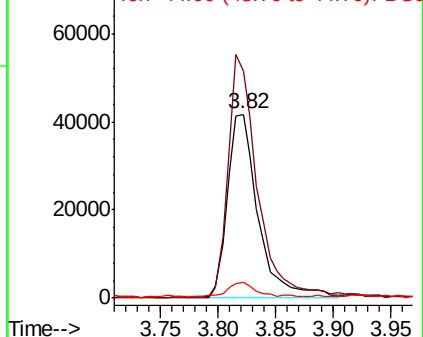
42 100

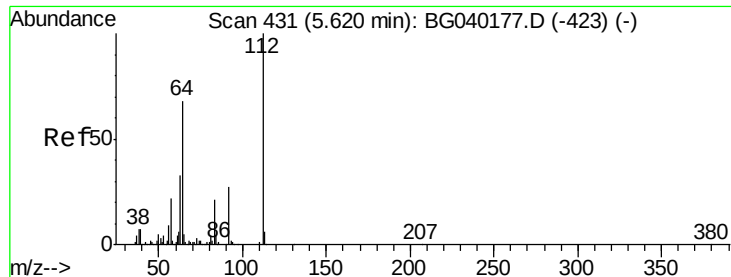
74 123.2 92.9 139.3

44 8.9 9.7 14.5#



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





#5

2-Fluorophenol

Concen: 135.225 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

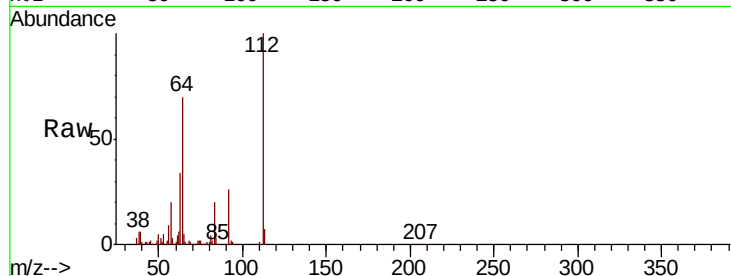
Tot Ion:112 Resp: 449289

Ion Ratio Lower Upper

112 100

64 69.5 54.2 81.2

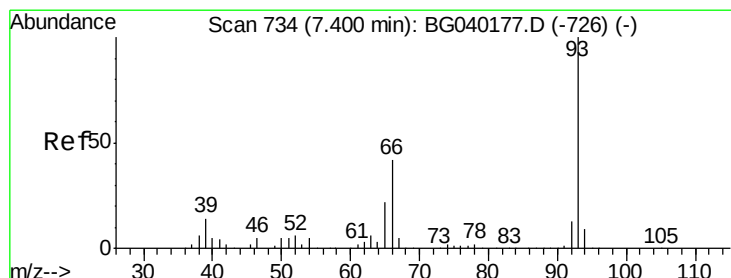
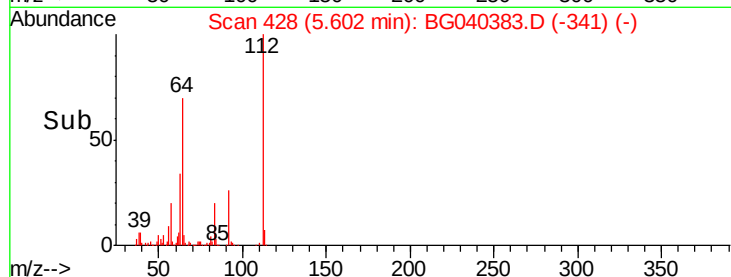
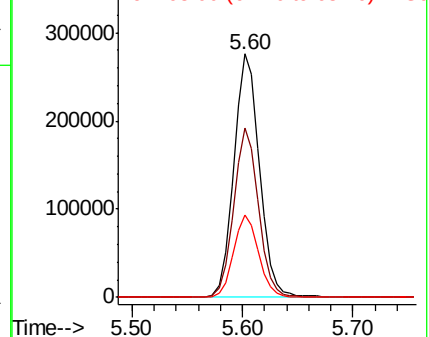
63 33.8 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.337 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

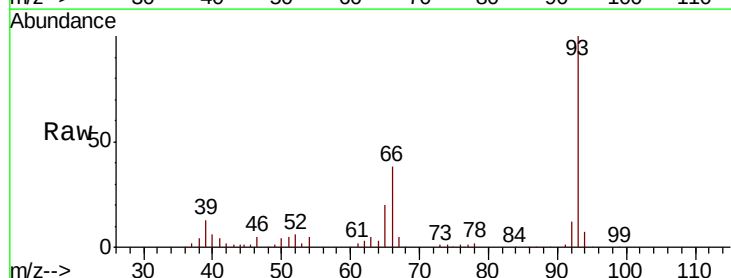
Tgt Ion: 93 Resp: 163087

Ion Ratio Lower Upper

93 100

66 38.2 33.6 50.4

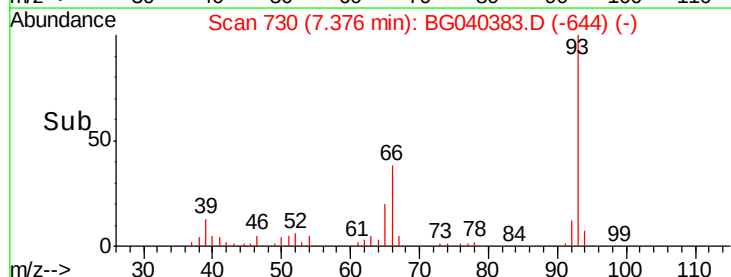
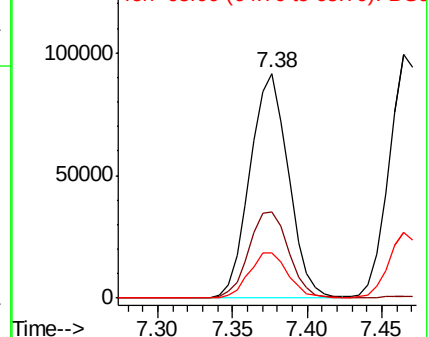
65 20.1 17.4 26.2

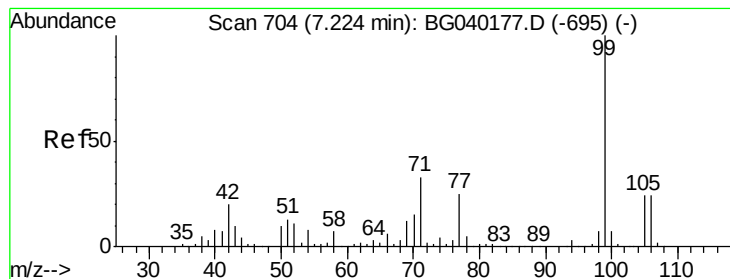


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.378 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

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ClientSampleId :

PB118644BSD

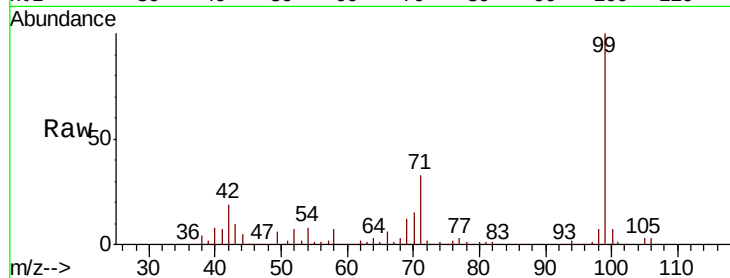
Tot Ion: 99 Resp: 607851

Ion Ratio Lower Upper

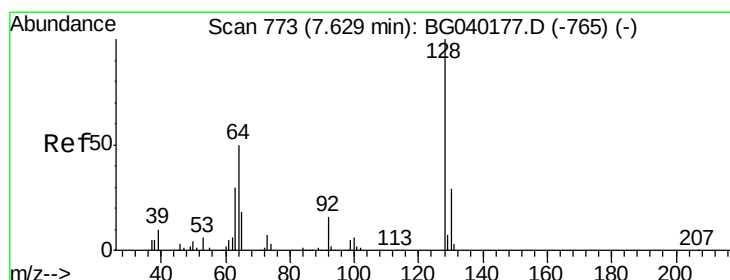
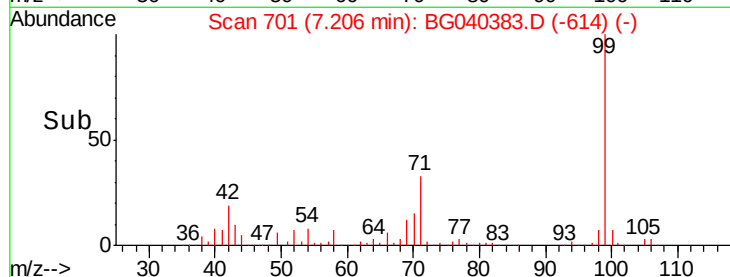
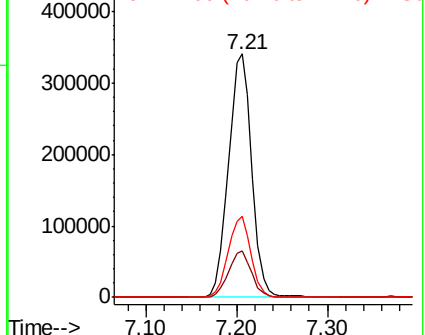
99 100

42 19.3 16.2 24.2

71 33.3 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: 42.320 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

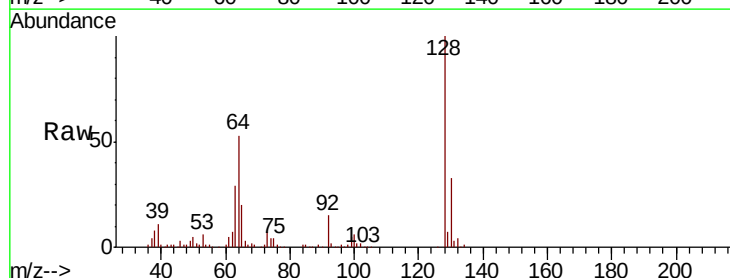
Tgt Ion: 128 Resp: 164595

Ion Ratio Lower Upper

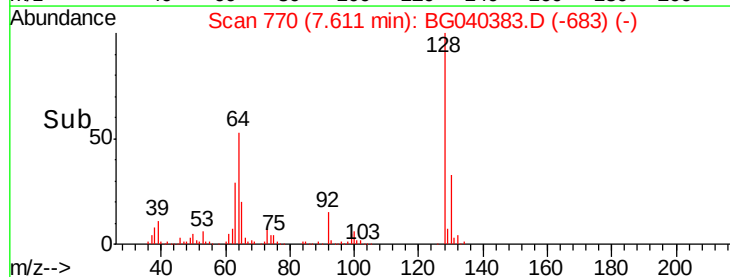
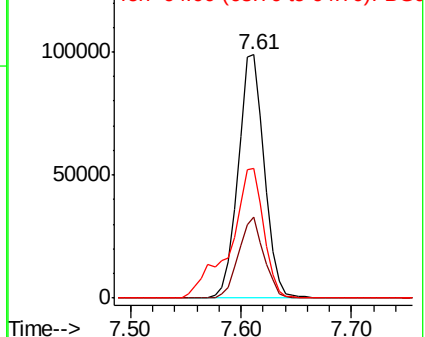
128 100

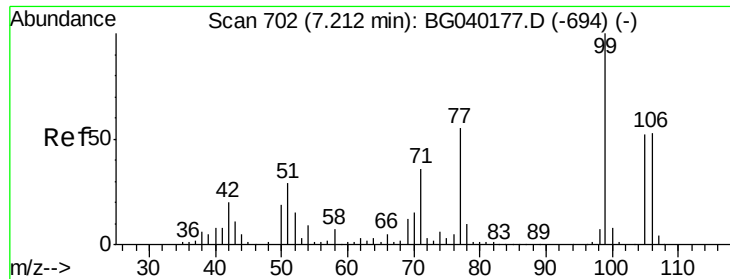
130 33.3 9.1 49.1

64 53.1 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: 14.429 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

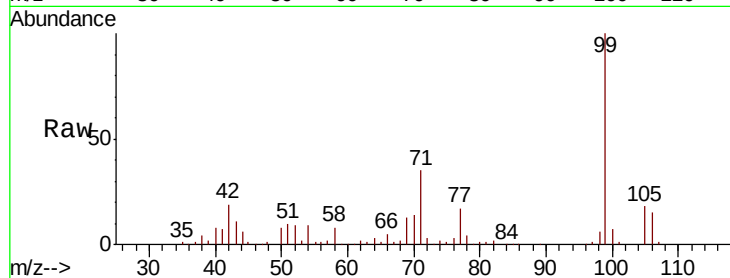
Tot Ion: 77 Resp: 45448

Ion Ratio Lower Upper

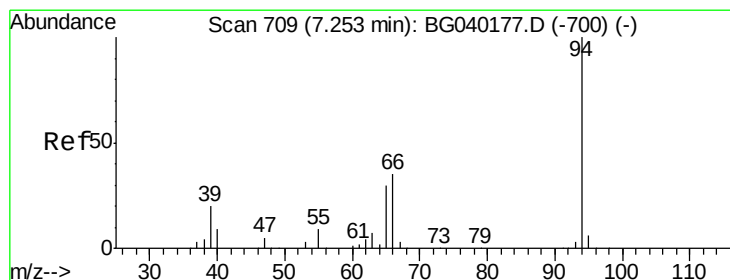
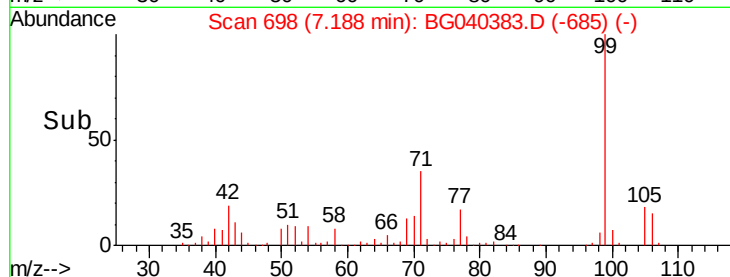
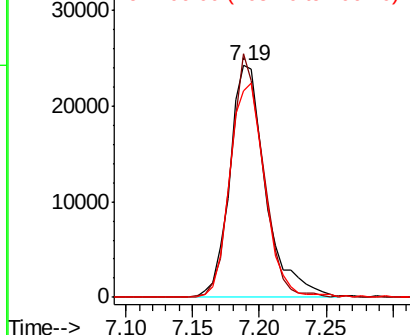
77 100

105 105.0 75.0 115.0

106 89.3 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: 43.653 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

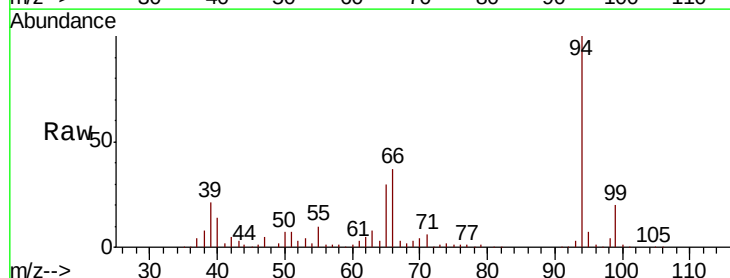
Tgt Ion: 94 Resp: 217566

Ion Ratio Lower Upper

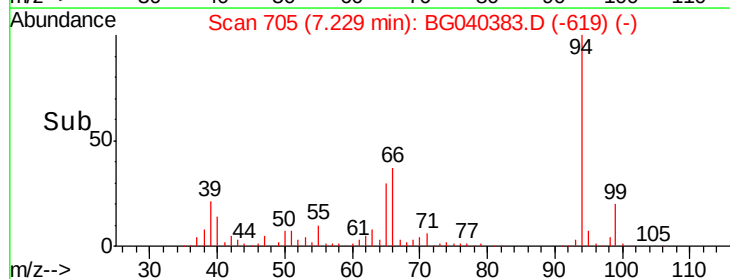
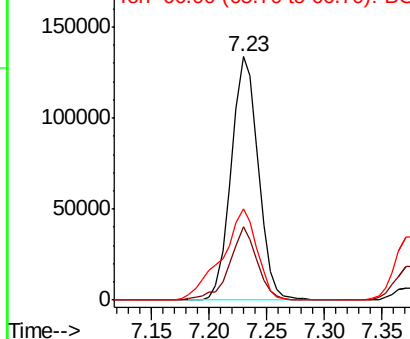
94 100

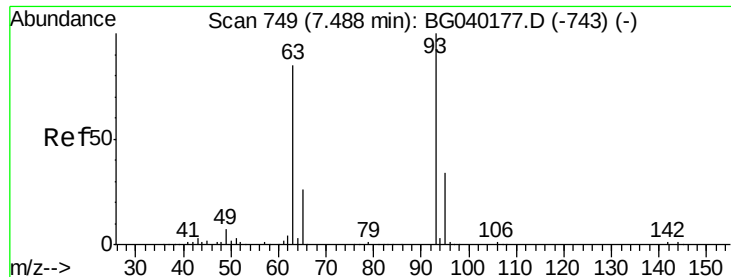
65 30.0 10.5 50.5

66 37.2 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

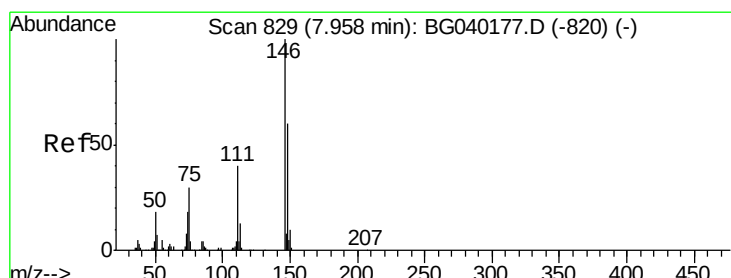
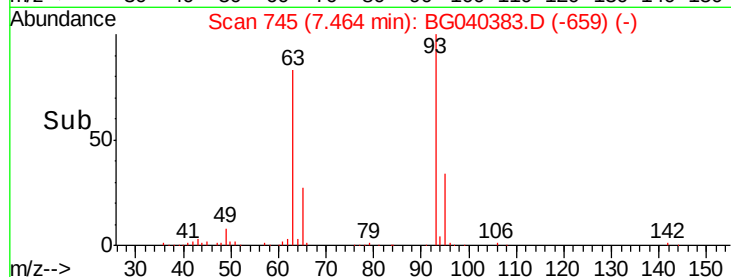
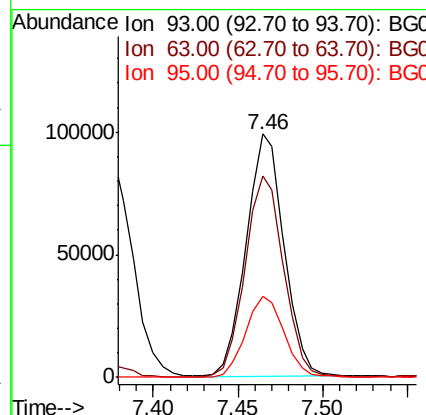
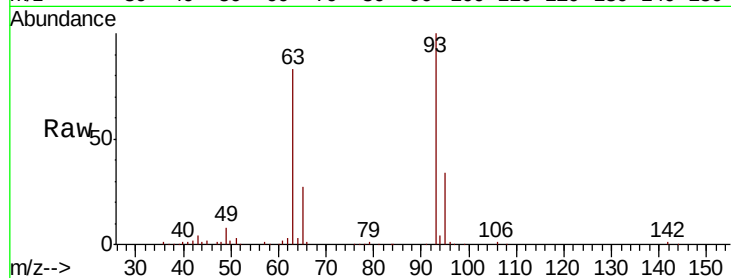




#11
 bis(2-Chloroethyl)ether
 Concen: 38.696 ng
 RT: 7.46 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

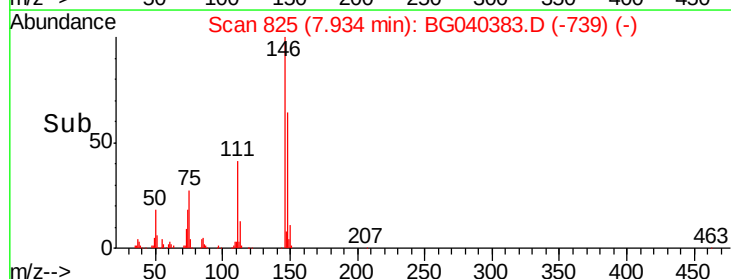
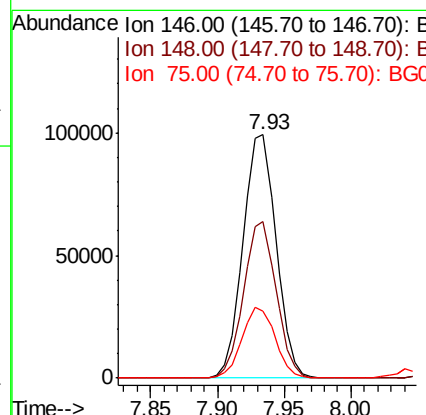
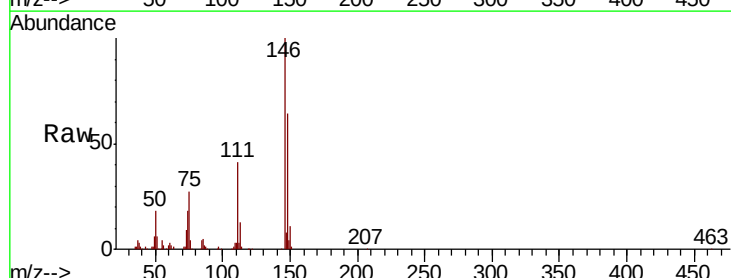
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BSD

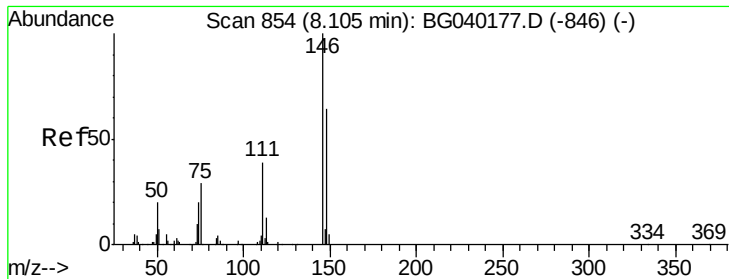
Tot Ion: 93 Resp: 154471
 Ion Ratio Lower Upper
 93 100
 63 82.8 64.2 104.2
 95 33.5 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 40.367 ng
 RT: 7.93 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Tgt Ion: 146 Resp: 170670
 Ion Ratio Lower Upper
 146 100
 148 64.2 48.2 72.2
 75 27.4 24.1 36.1

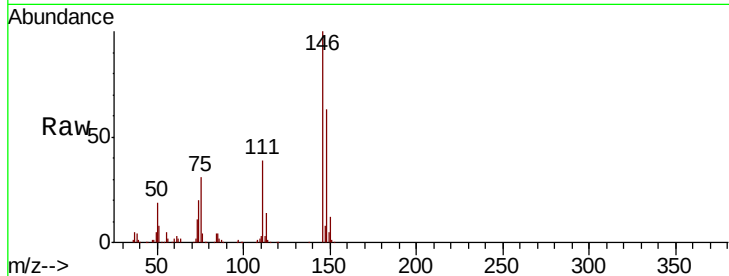




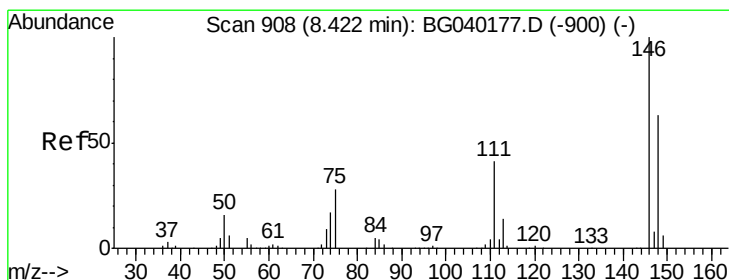
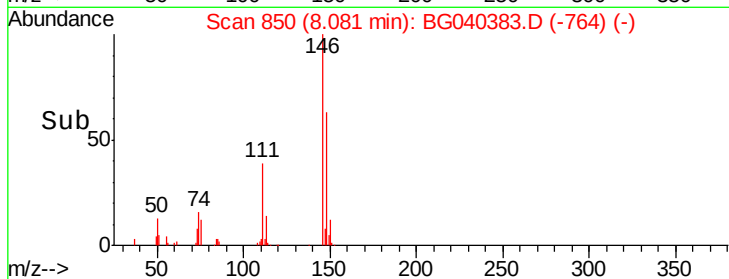
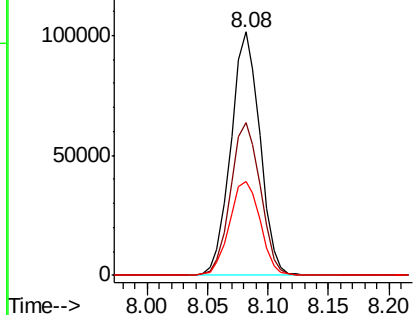
#13
 1,4-Dichlorobenzene
 Concen: 40.379 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Instrument :
 BNA_G
 ClientSampleId :
 PB118644BSD

Tot Ion:146 Resp: 170036
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.0 76.4
 111 38.6 31.8 47.6

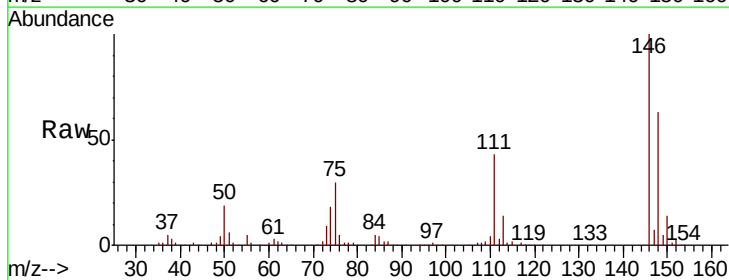


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

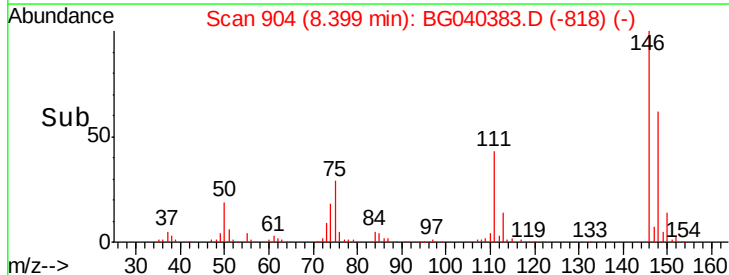
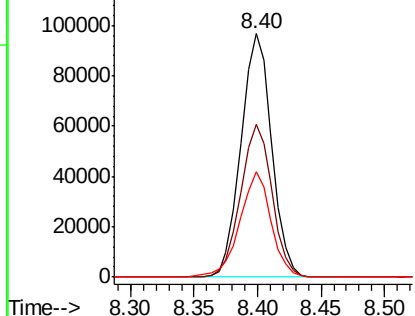


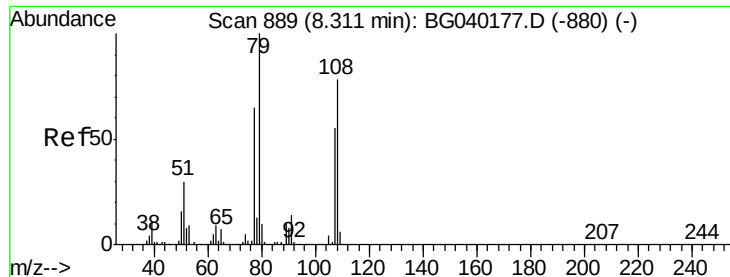
#14
 1,2-Dichlorobenzene
 Concen: 40.344 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Tgt Ion:146 Resp: 162462
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.8 76.2
 111 43.3 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: 38.883 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

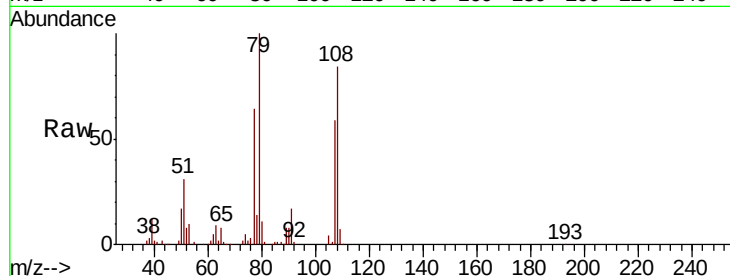
Tot Ion: 79 Resp: 143788

Ion Ratio Lower Upper

79 100

108 83.6 62.1 93.1

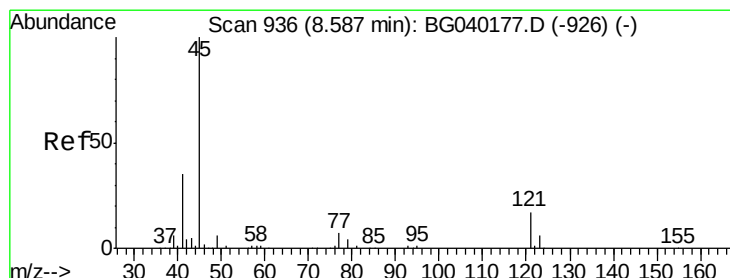
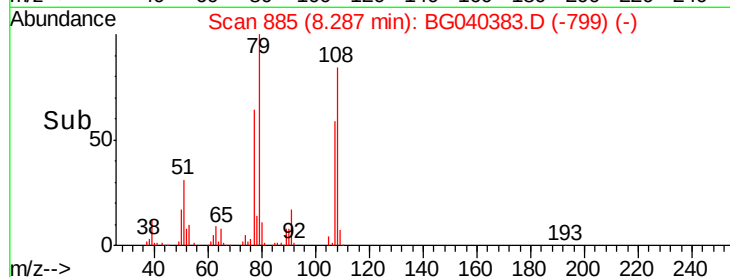
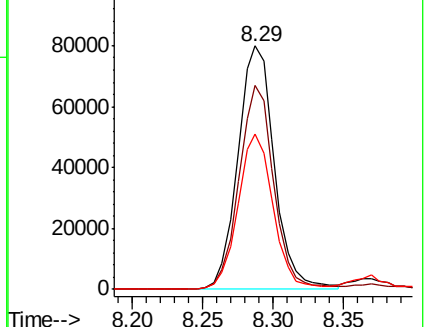
77 63.8 51.9 77.9



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: 38.169 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

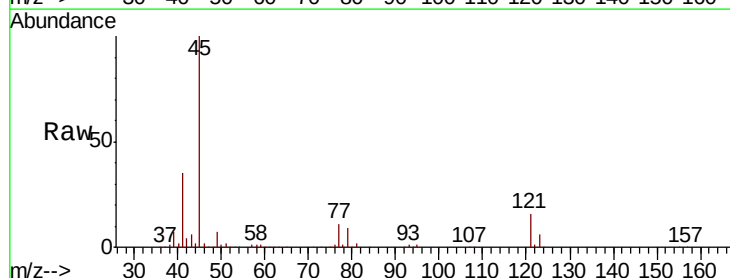
Tgt Ion: 45 Resp: 292422

Ion Ratio Lower Upper

45 100

77 10.9 0.0 31.4

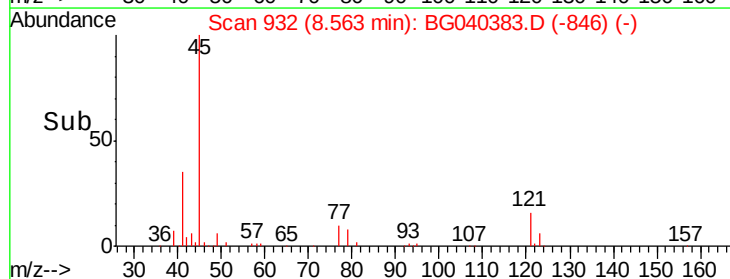
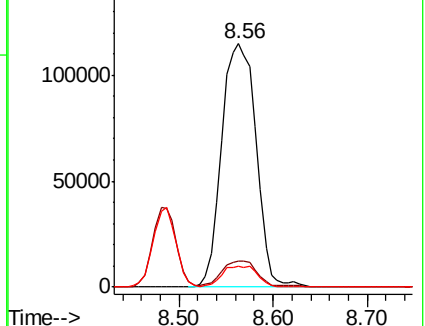
79 8.6 0.0 28.3

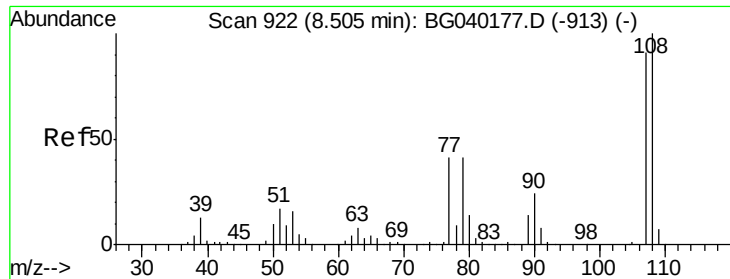


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

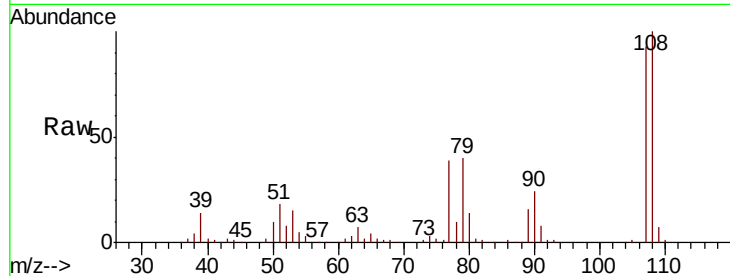




#17
2-Methylphenol
Concen: 42.455 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :
PB118644BSD

Tot Ion:	107	Resp:	146420
Ion	Ratio	Lower	Upper
107	100		
108	107.2	88.2	132.4
77	42.0	36.6	55.0
79	42.6	36.5	54.7



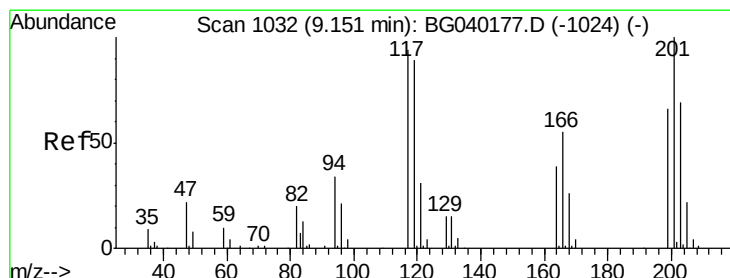
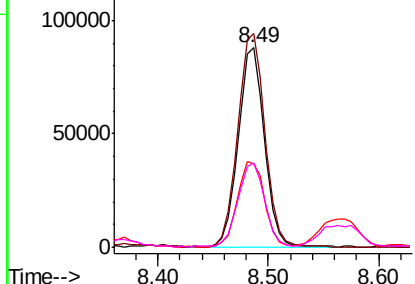
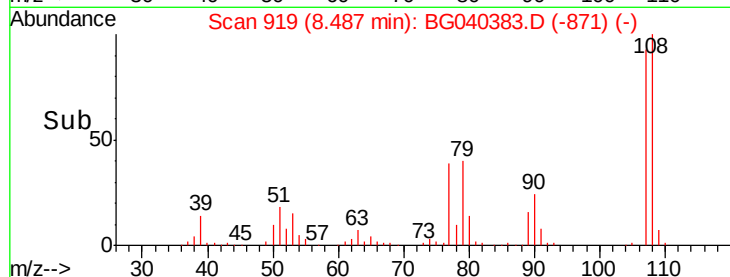
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

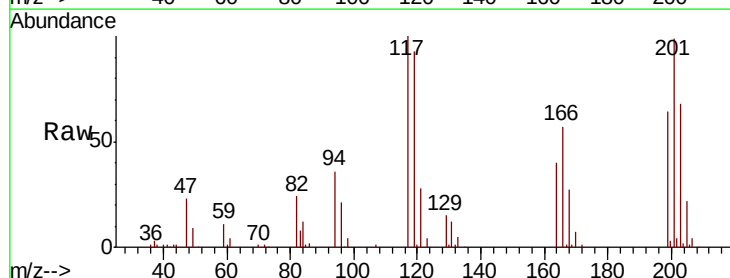
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.837 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Tgt Ion:	117	Resp:	62207
Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.6	115.0
201	102.4	85.0	127.4

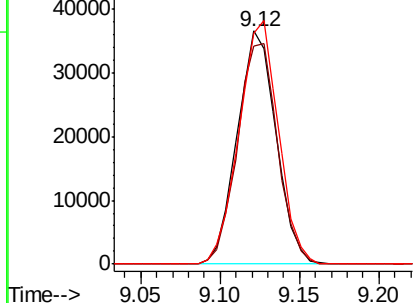
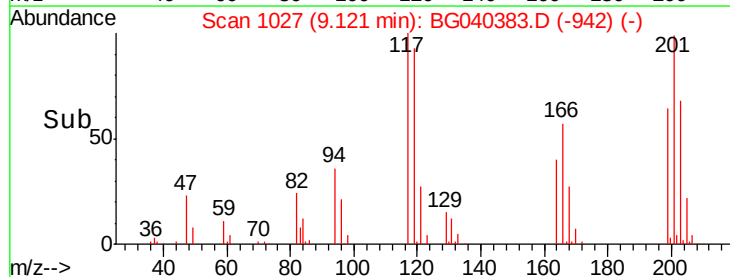


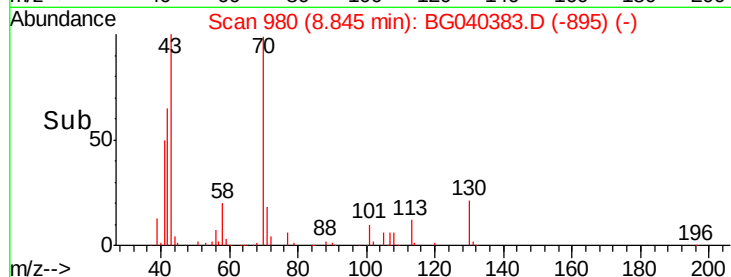
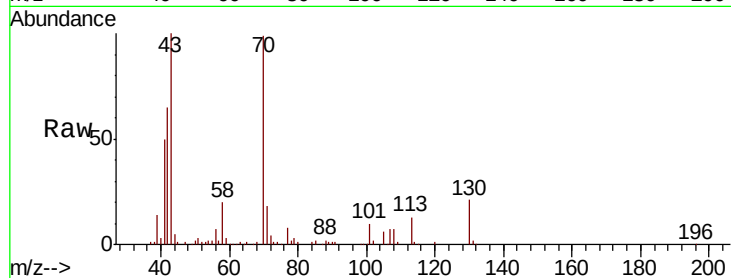
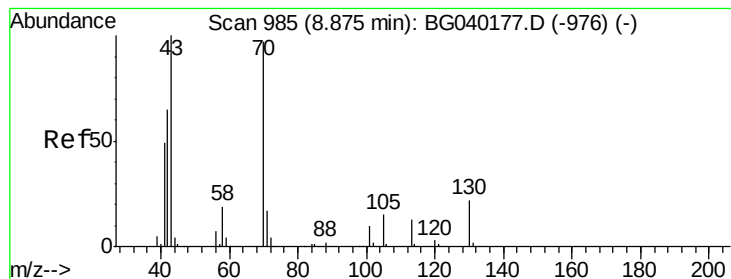
Abundance

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: 37.138 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

Tot Ion: 70 Resp: 122266

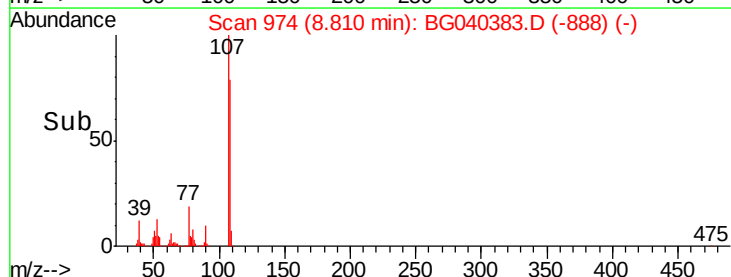
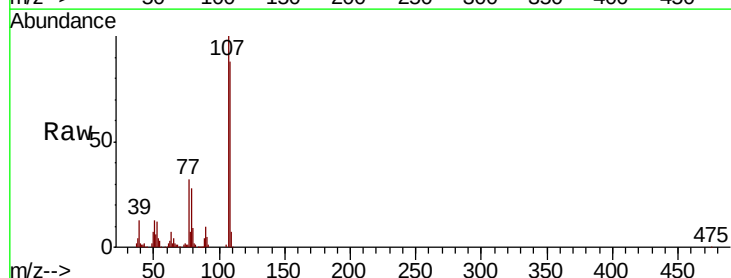
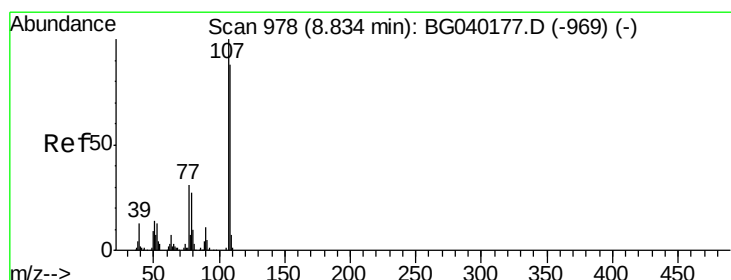
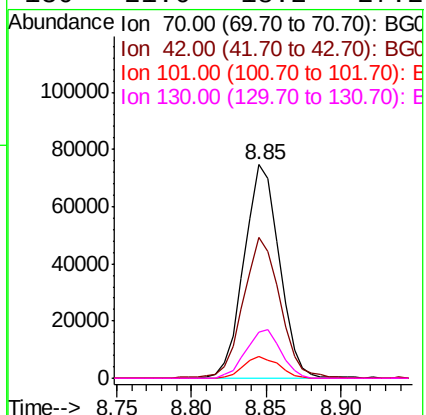
Ion Ratio Lower Upper

70 100

42 66.2 54.0 81.0

101 10.4 8.6 13.0

130 21.6 18.2 27.2



#20

3+4-Methylphenols

Concen: 43.256 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Tgt Ion:107 Resp: 202095

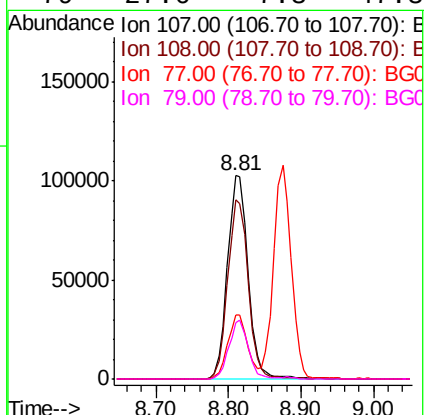
Ion Ratio Lower Upper

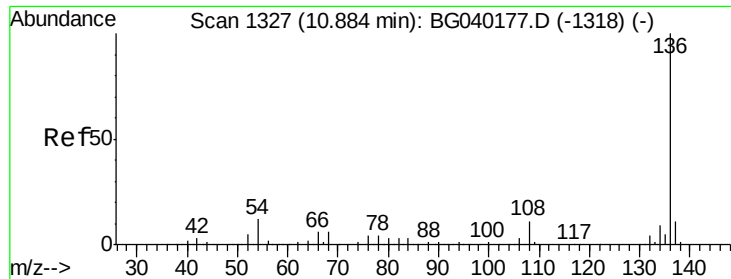
107 100

108 88.0 68.3 108.3

77 31.6 11.3 51.3

79 27.6 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: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

Tot Ion:136 Resp: 231711

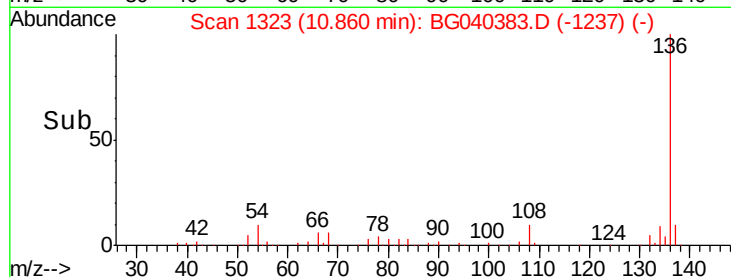
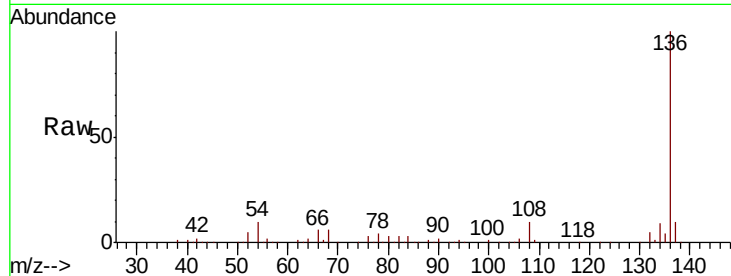
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.8 9.6 14.4

68 5.9 5.1 7.7

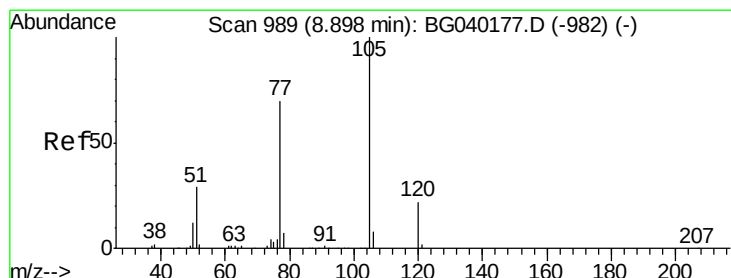
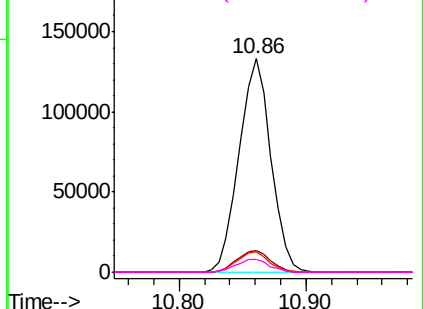


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.997 ng

RT: 8.87 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Tgt Ion:105 Resp: 242743

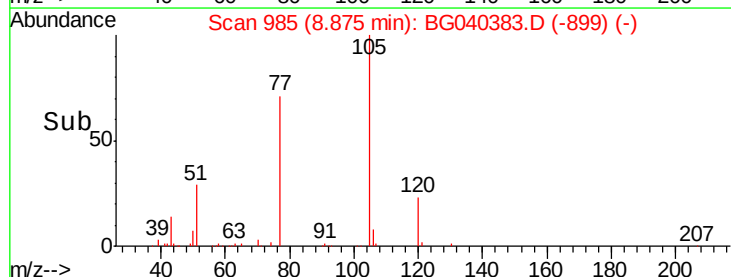
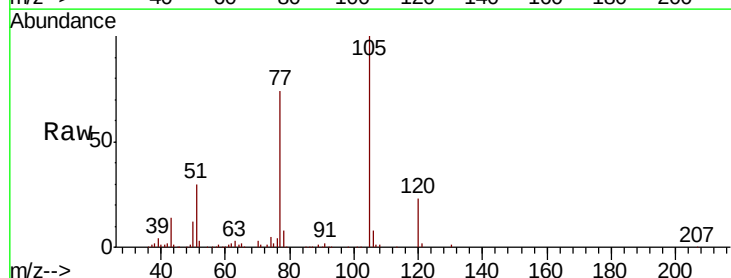
Ion Ratio Lower Upper

105 100

71 0.7 0.6 1.0

51 30.3 25.1 37.7

120 23.3 17.6 26.4

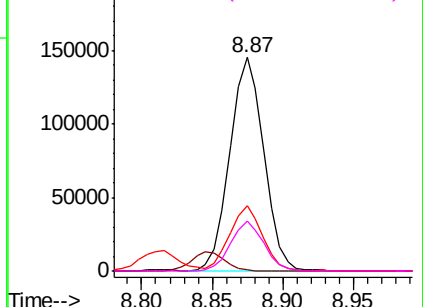


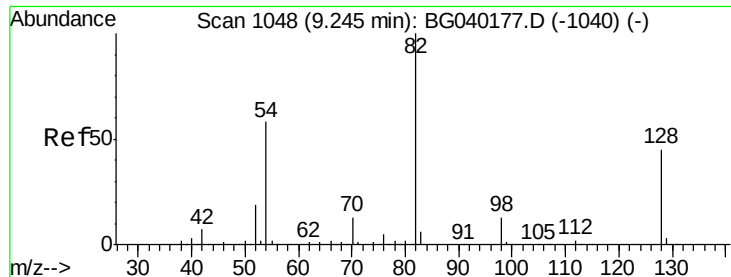
Abundance Ion 105.00 (104.70 to 105.70): E

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

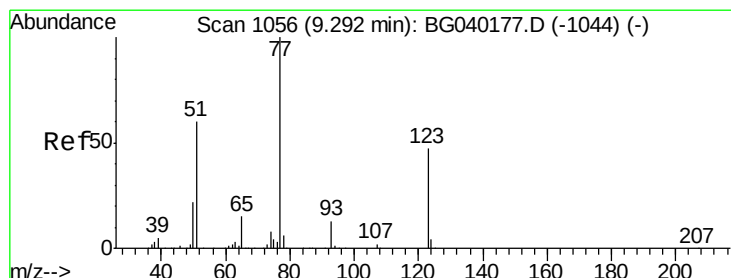
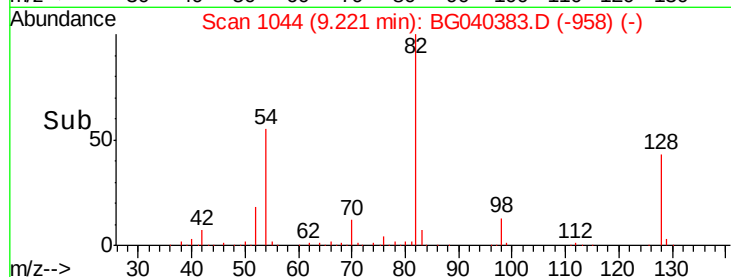
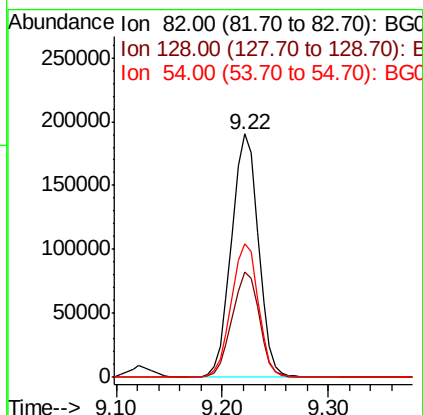
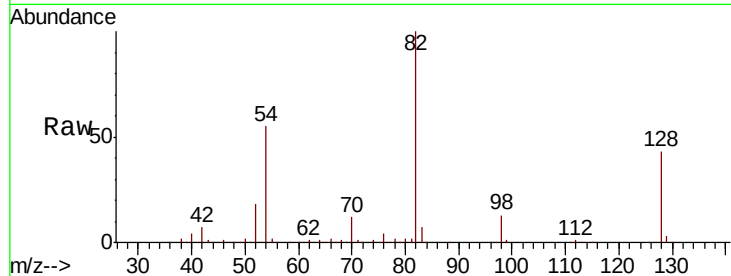




#23
 Nitrobenzene-d5
 Concen: 76.998 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

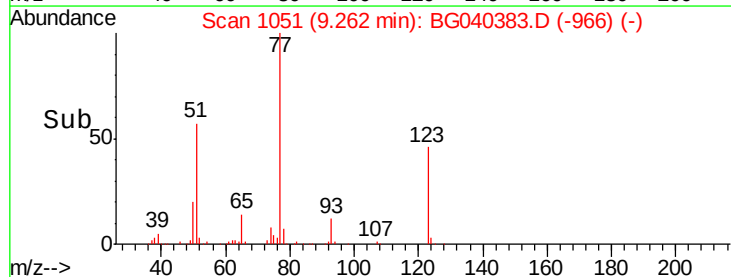
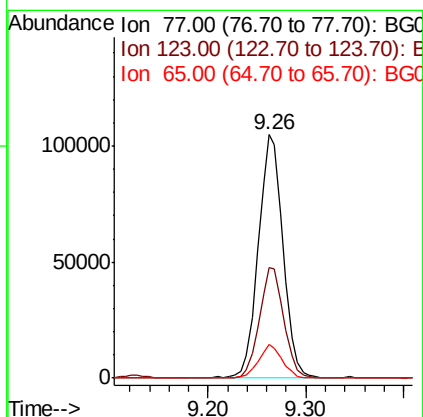
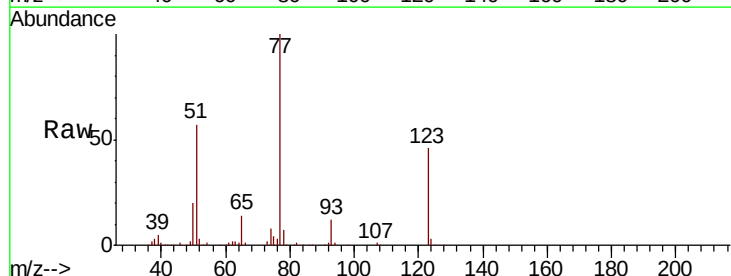
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BSD

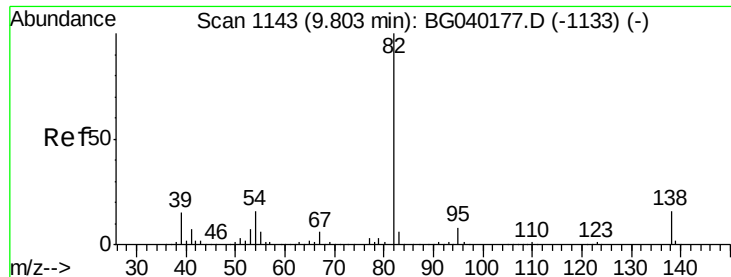
Tot Ion: 82 Resp: 335656
 Ion Ratio Lower Upper
 82 100
 128 43.2 35.8 53.8
 54 54.6 46.2 69.2



#24
 Nitrobenzene
 Concen: 41.276 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Tgt Ion: 77 Resp: 186325
 Ion Ratio Lower Upper
 77 100
 123 45.6 37.8 56.6
 65 13.9 12.0 18.0





#25

Isophorone

Concen: 39.105 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

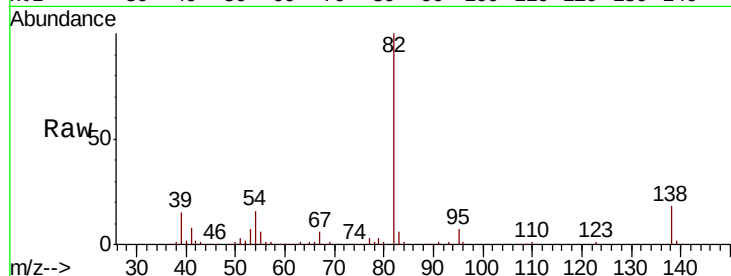
Tot Ion: 82 Resp: 350754

Ion Ratio Lower Upper

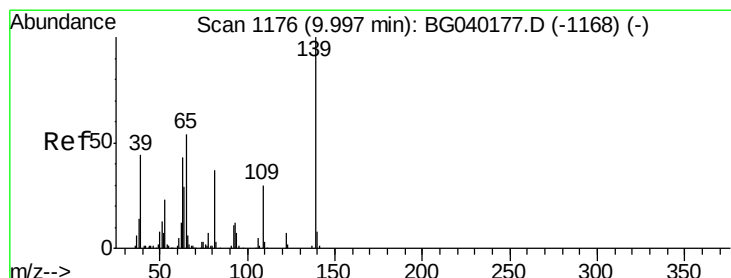
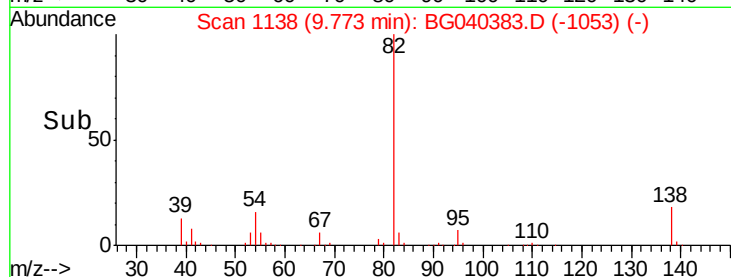
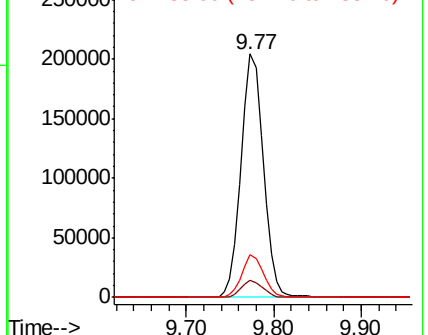
82 100

95 7.0 6.1 9.1

138 17.6 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: 41.893 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

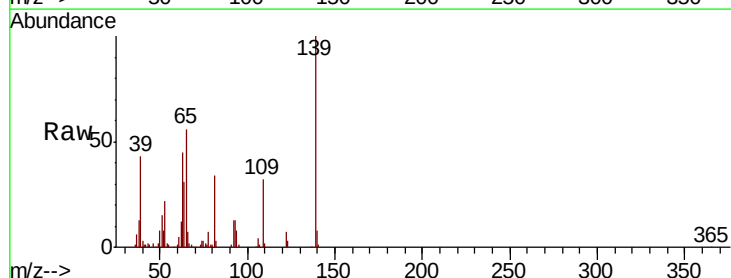
Tgt Ion: 139 Resp: 89610

Ion Ratio Lower Upper

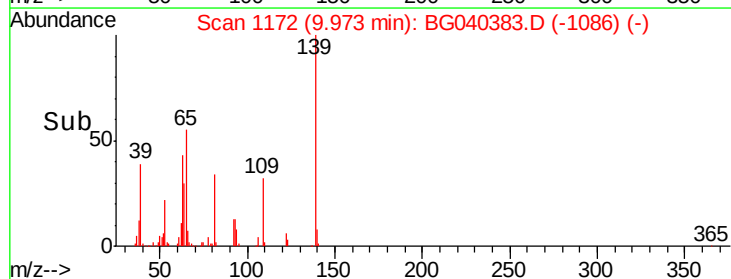
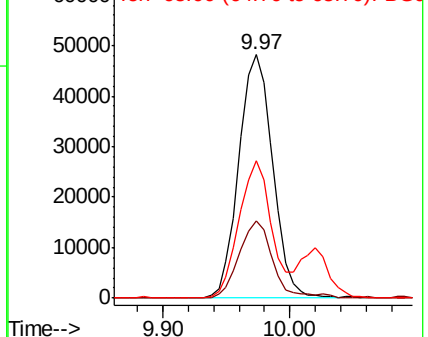
139 100

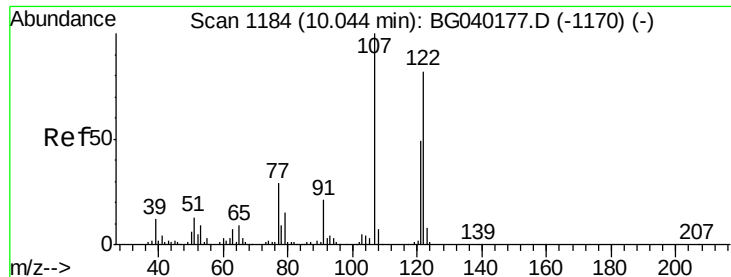
109 31.7 24.1 36.1

65 56.5 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

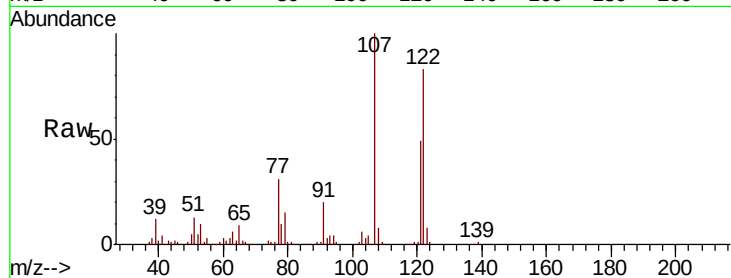




#27
2,4-Dimethylphenol
Concen: 48.056 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :
PB118644BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.3	97.4	146.2
121	59.2	47.7	71.5

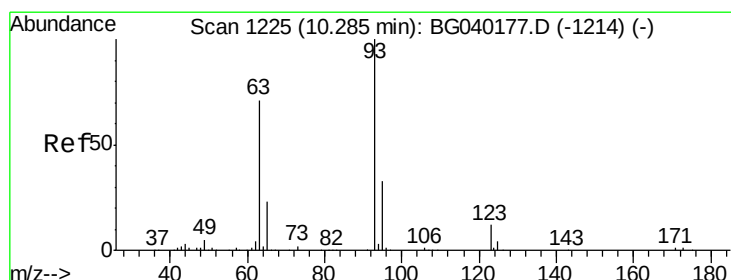
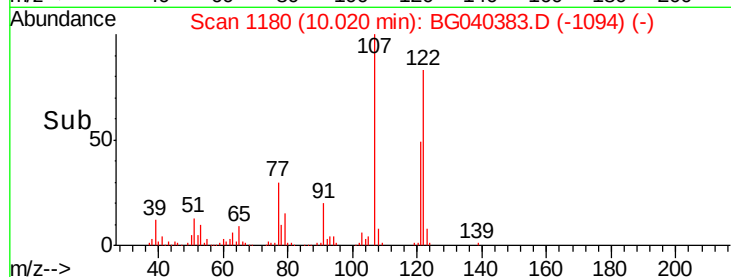
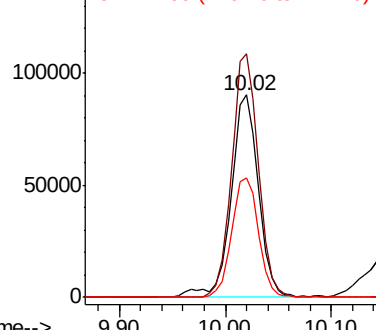


Abundance

Ion 122.00 (121.70 to 122.70): E

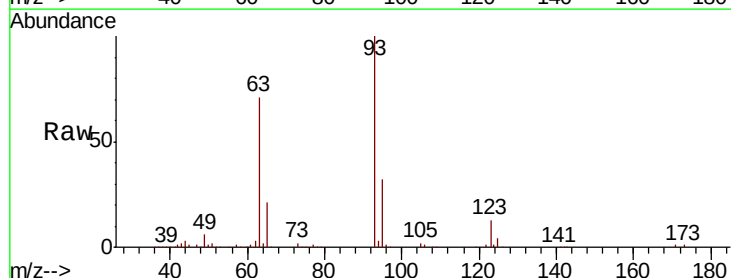
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.585 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	12.7	9.4	14.0

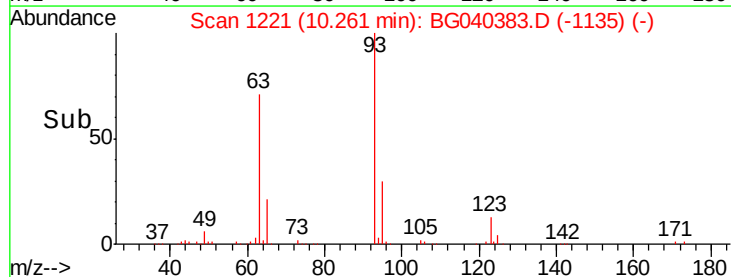
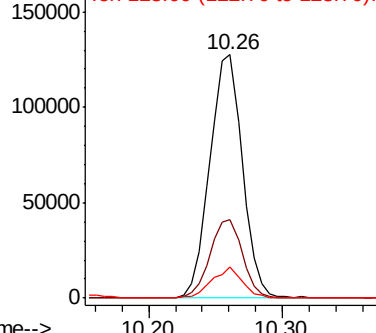


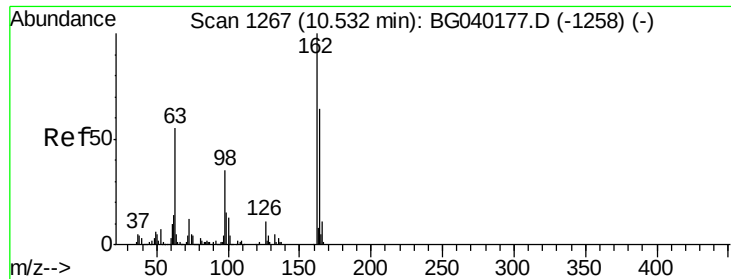
Abundance

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

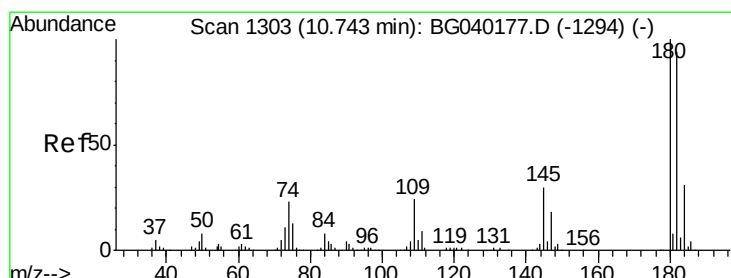
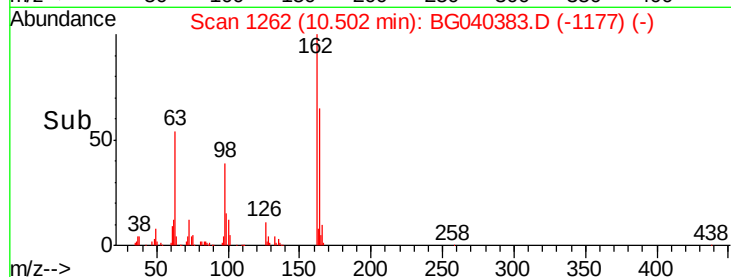
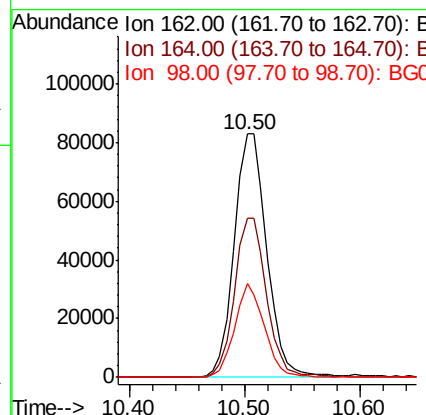
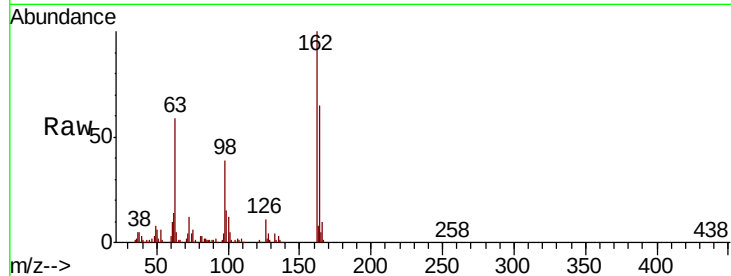




#29
 2,4-Dichlorophenol
 Concen: 43.923 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

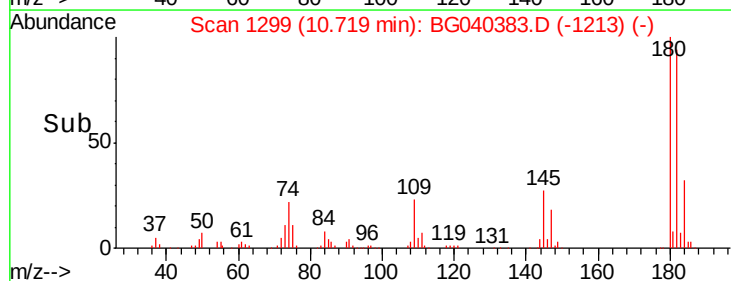
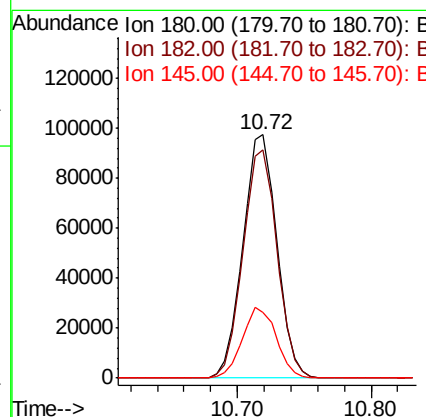
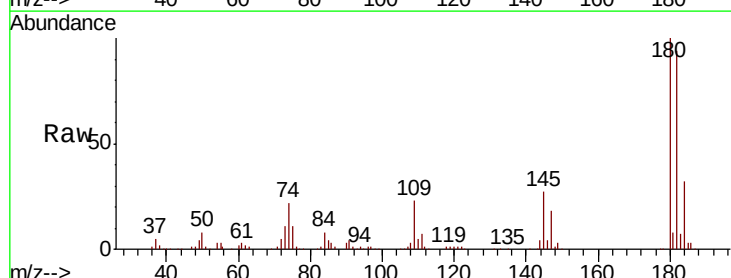
Instrument :
 BNA_G
 ClientSampleID :
 PB118644BSD

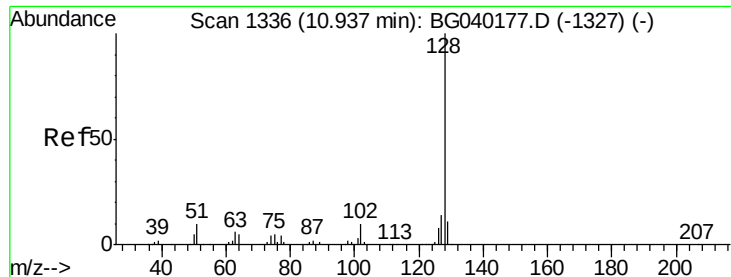
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.9	83.9
98	38.7	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.320 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.1	112.7
145	27.0	24.1	36.1

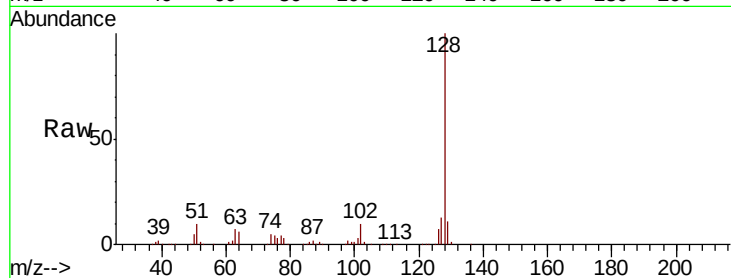




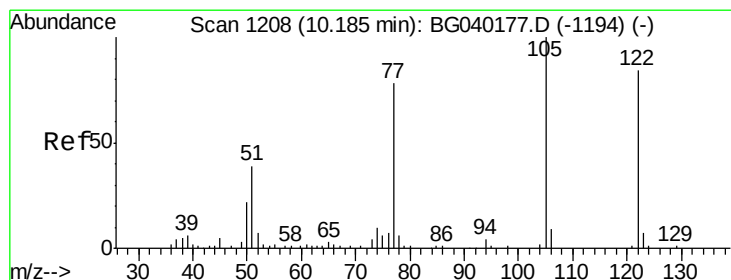
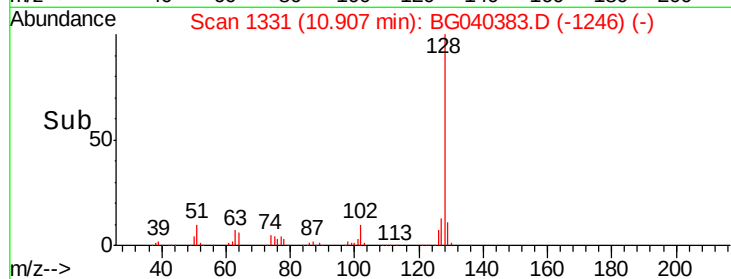
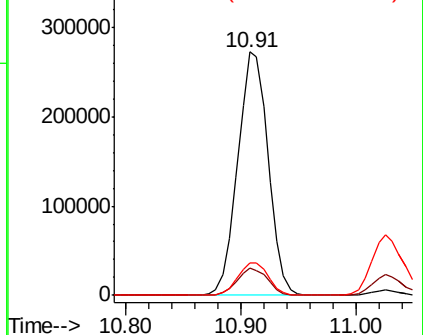
#31
Naphthalene
Concen: 41.882 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :
PB118644BSD

Tot Ion:128 Resp: 497432
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.3 11.4 17.0

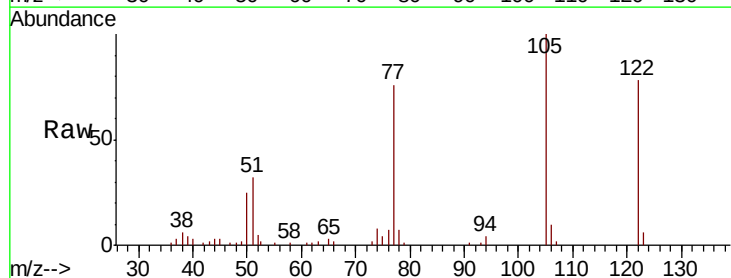


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

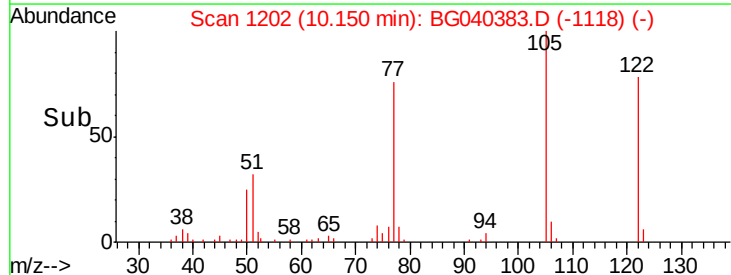
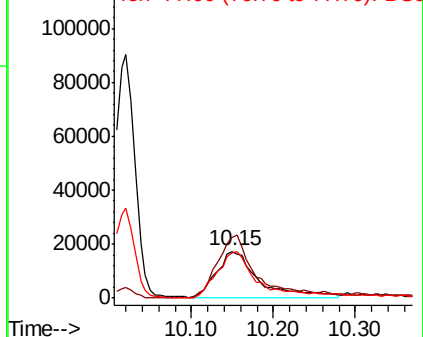


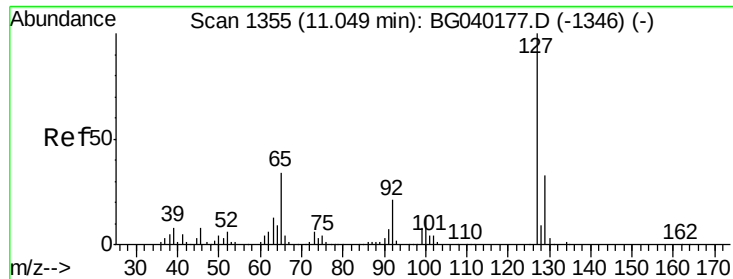
#32
Benzoic acid
Concen: 29.426 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.04 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Tgt Ion:122 Resp: 60407
Ion Ratio Lower Upper
122 100
105 128.7 98.2 138.2
77 98.0 73.6 113.6



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

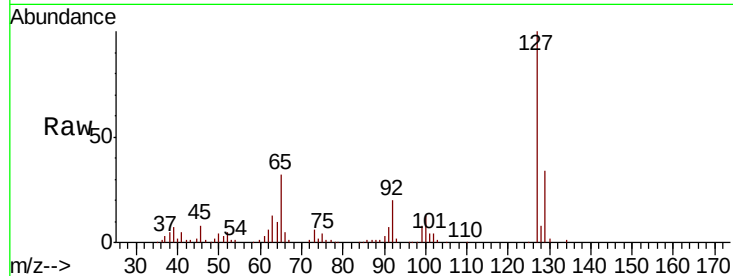




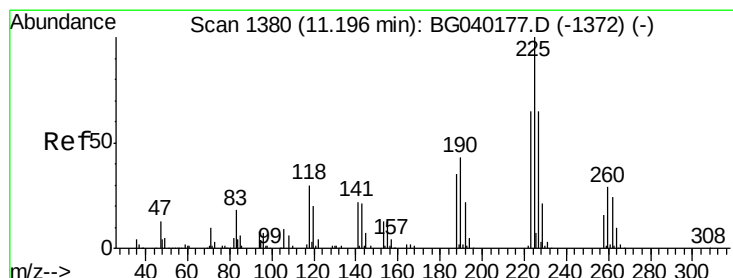
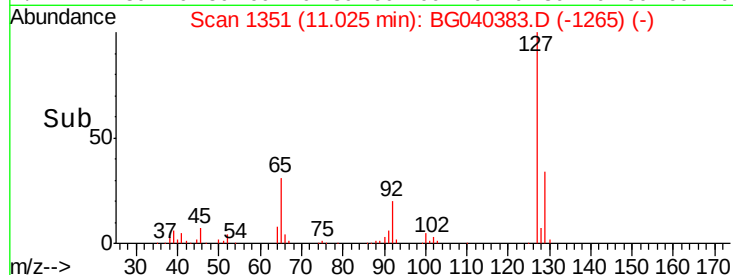
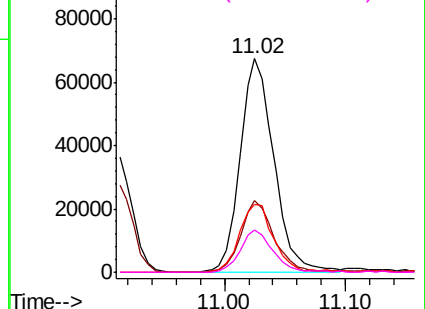
#33
4-Chloroaniline
Concen: 25.899 ng
RT: 11.02 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :
PB118644BSD

Tot Ion:	127	Resp:	131208
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.6	40.0
65	31.6	27.0	40.4
92	20.0	16.6	25.0

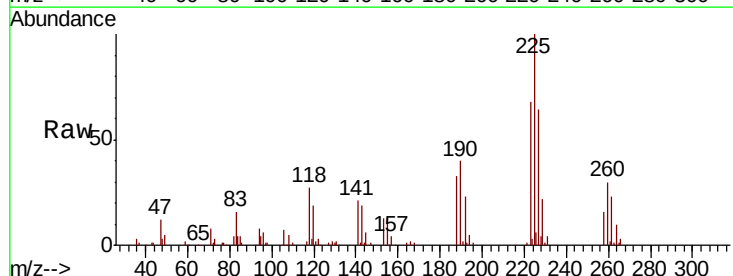


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

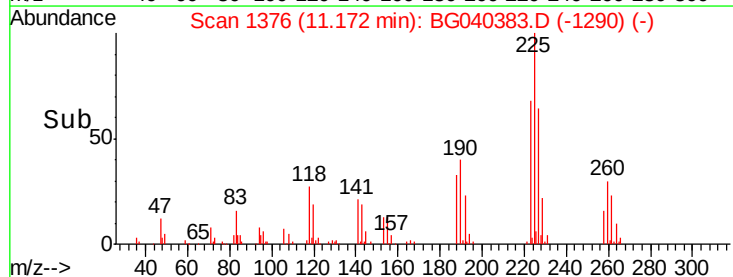
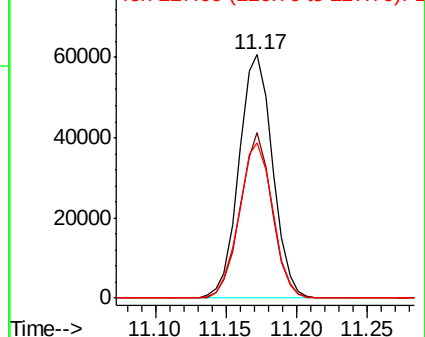


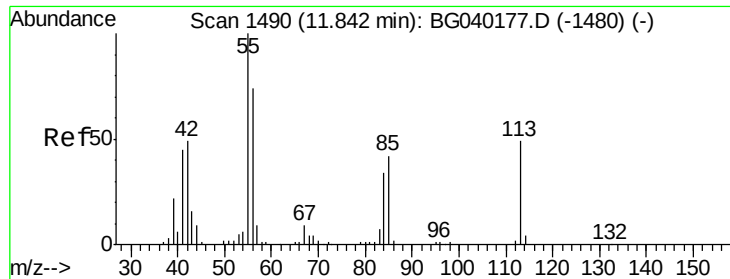
#34
Hexachlorobutadiene
Concen: 38.956 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Tgt Ion:	225	Resp:	100890
Ion	Ratio	Lower	Upper
225	100		
223	67.8	51.8	77.8
227	64.0	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: 38.610 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.04 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

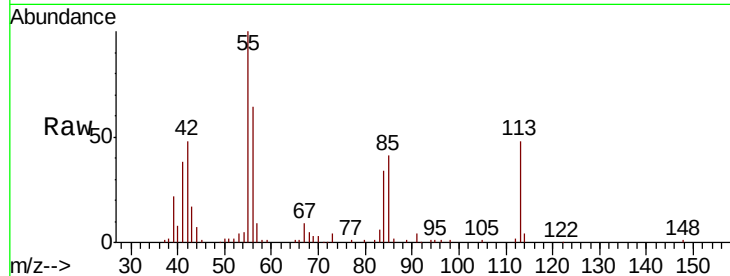
Tot Ion:113 Resp: 56506

Ion Ratio Lower Upper

113 100

55 209.7 184.2 224.2

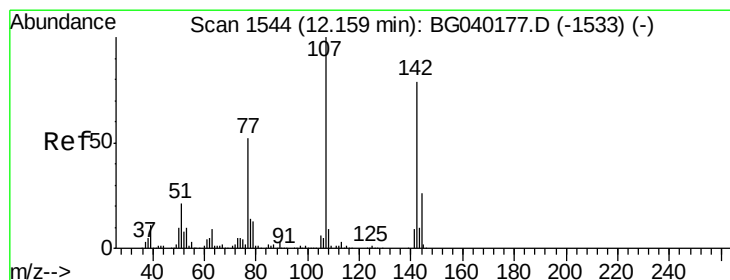
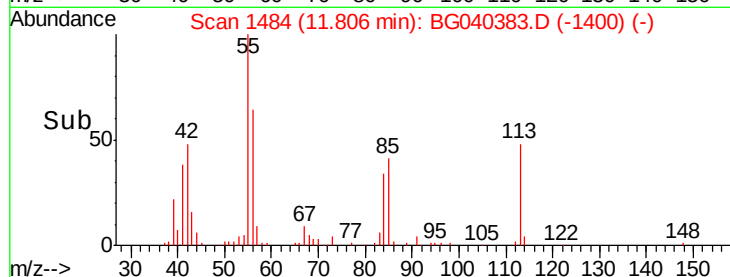
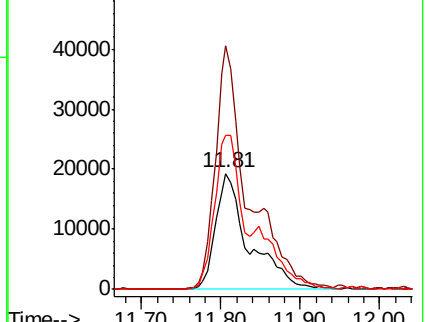
56 133.2 131.3 171.3



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: 42.351 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

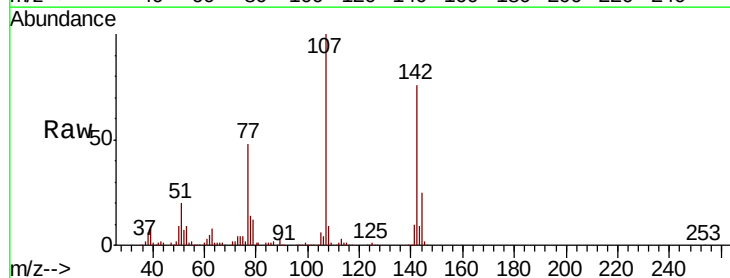
Tgt Ion:107 Resp: 179555

Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

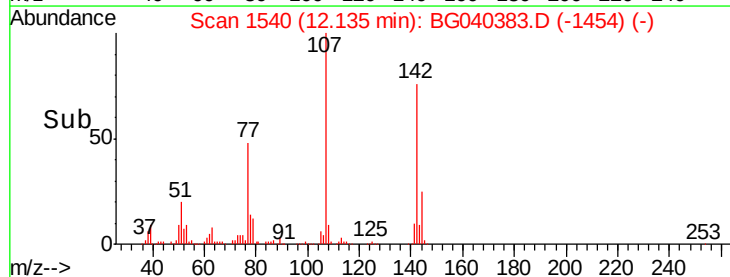
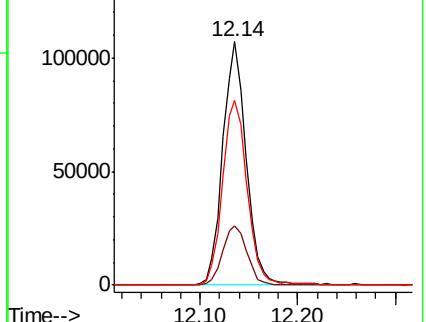
142 75.7 63.1 94.7

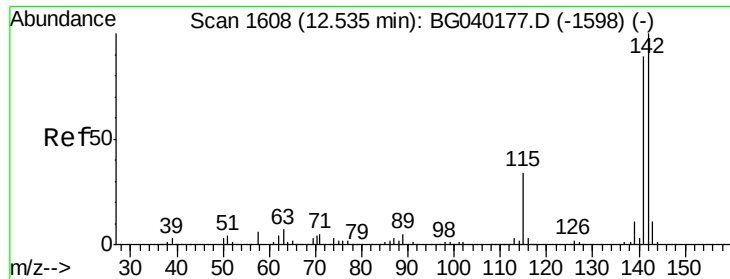


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

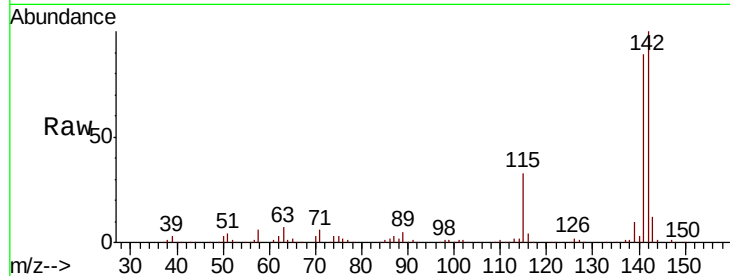




#37
2-Methylnaphthalene
Concen: 42.055 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :
PB118644BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	32.7	27.3	40.9

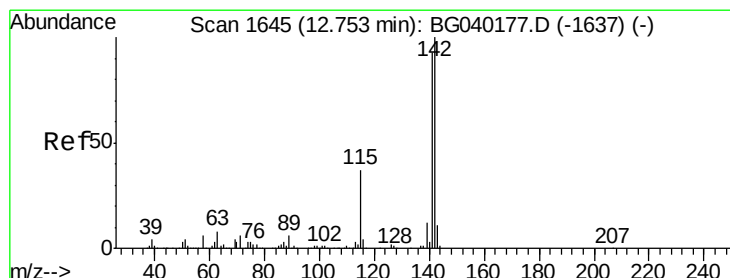
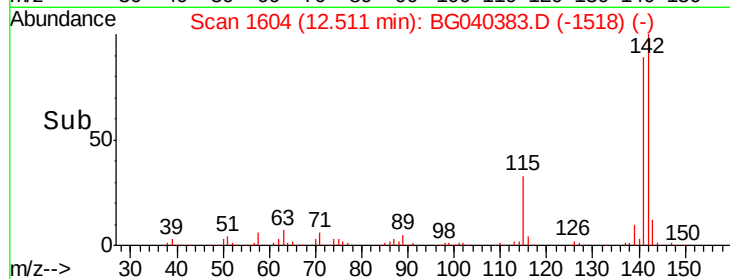
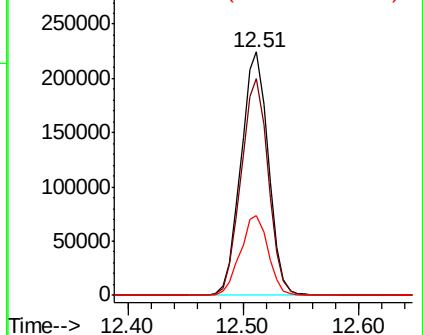


Abundance

Ion 142.00 (141.70 to 142.70): E

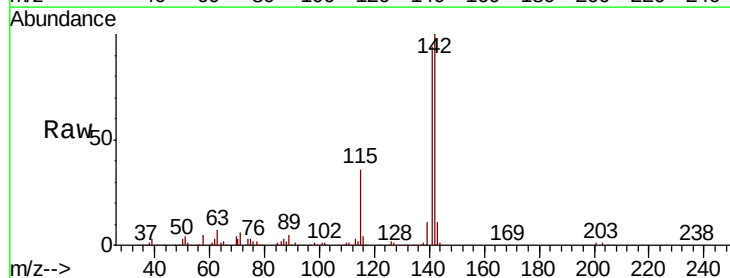
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.188 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.2	111.4
116	3.6	3.0	4.4

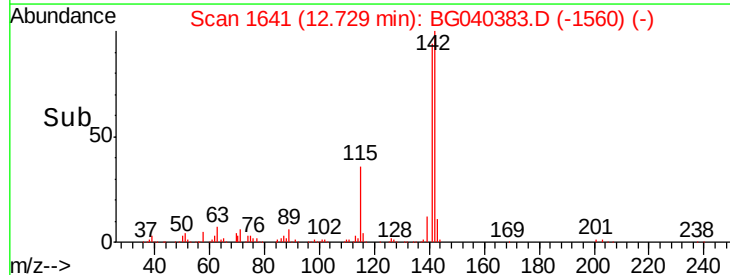
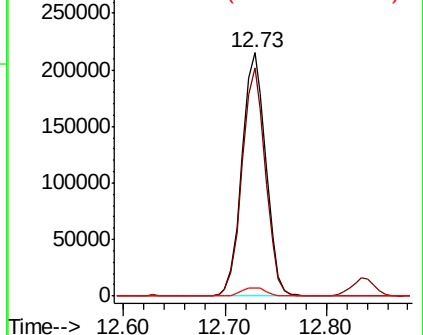


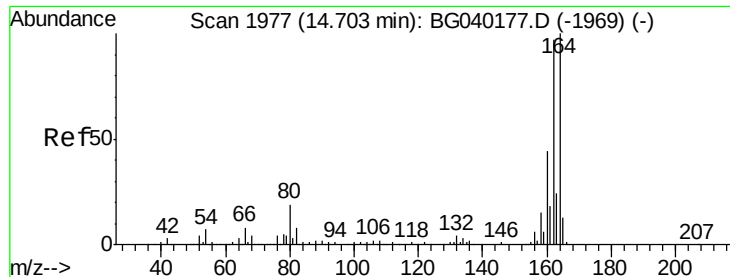
Abundance

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: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

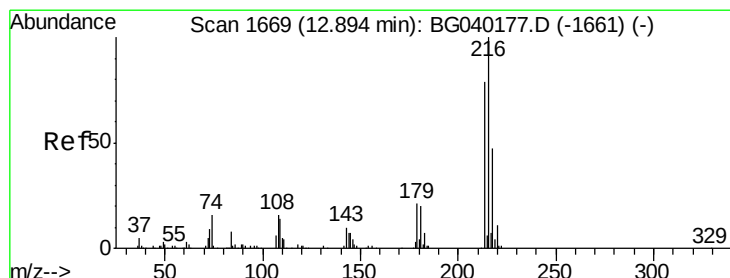
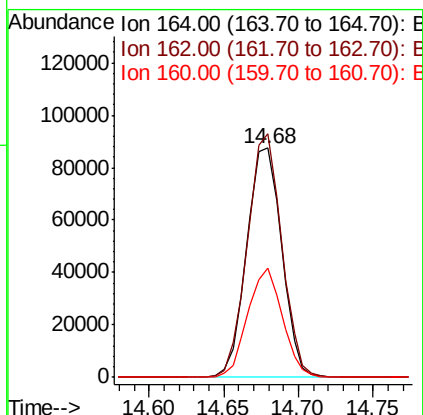
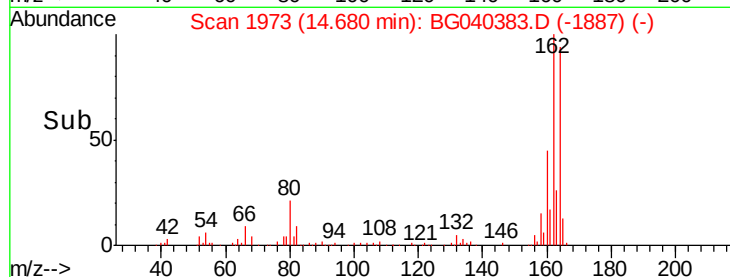
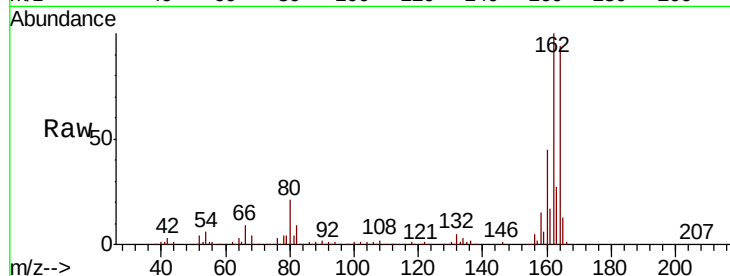
Tot Ion:164 Resp: 142069

Ion Ratio Lower Upper

164 100

162 106.3 77.4 116.2

160 47.5 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.391 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Tgt Ion:216 Resp: 186897

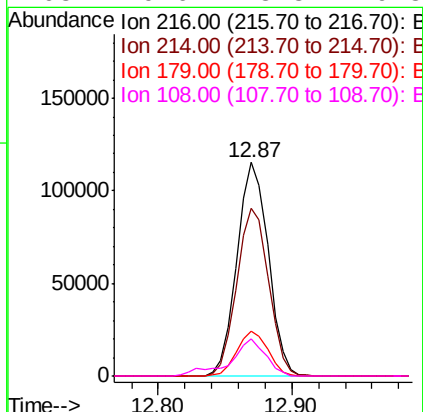
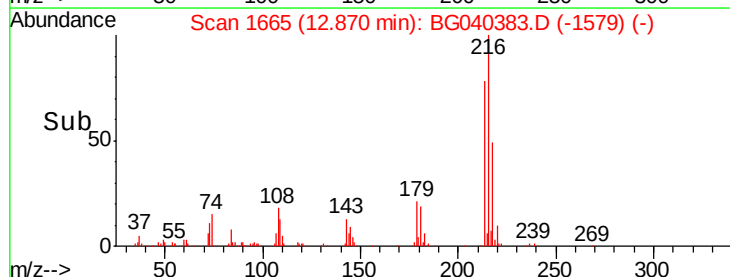
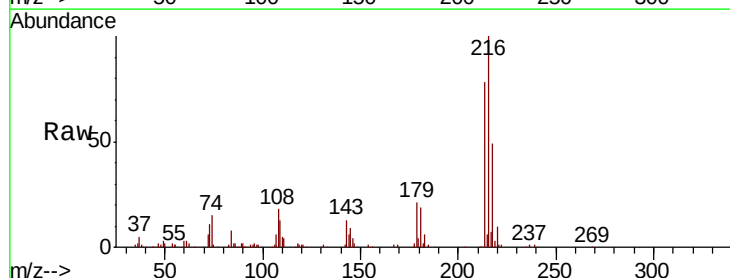
Ion Ratio Lower Upper

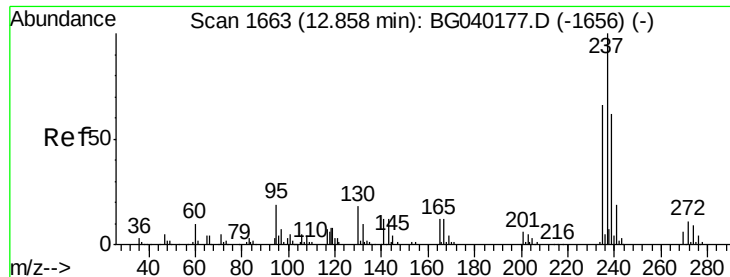
216 100

214 79.8 63.5 95.3

179 20.9 16.6 25.0

108 19.6 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 85.263 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

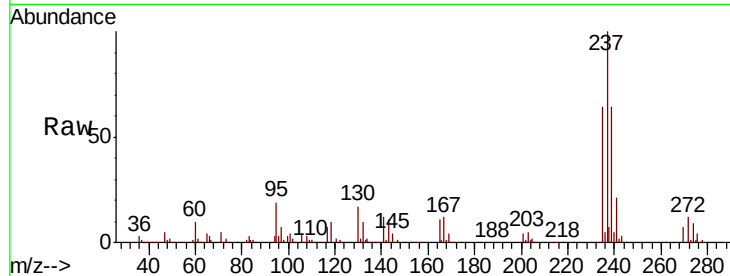
Tot Ion:237 Resp: 211393

Ion Ratio Lower Upper

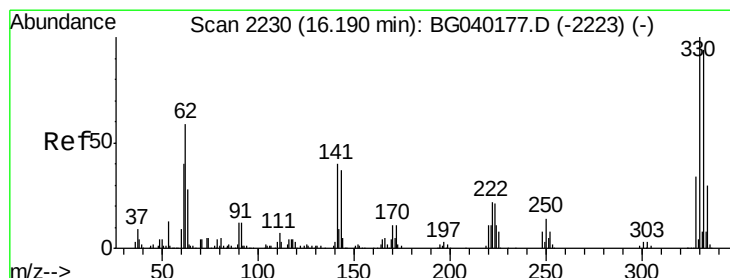
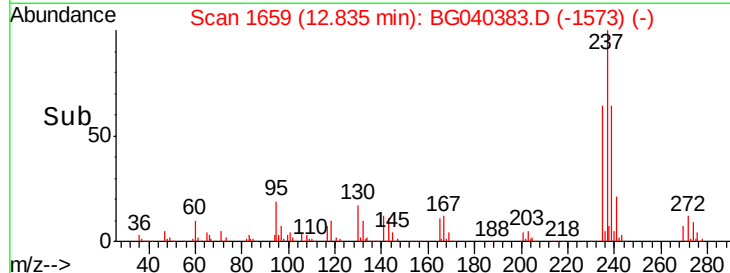
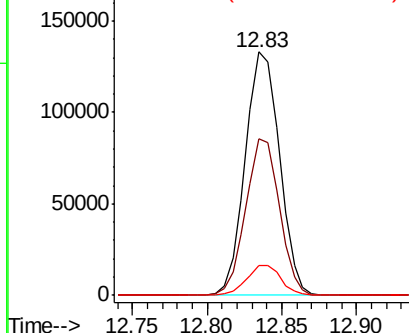
237 100

235 64.2 46.2 86.2

272 12.0 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: 139.150 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

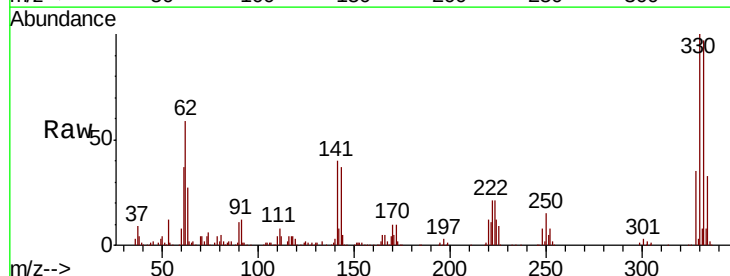
Tgt Ion:330 Resp: 213650

Ion Ratio Lower Upper

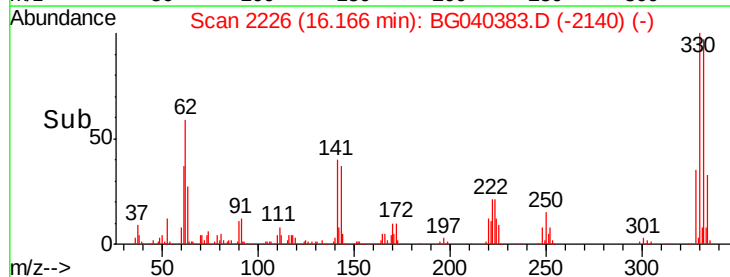
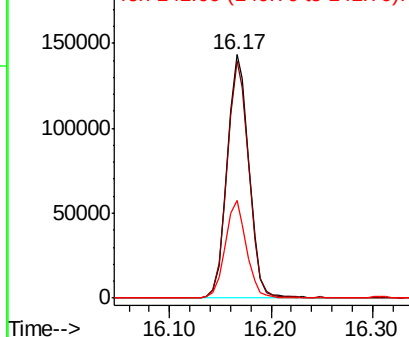
330 100

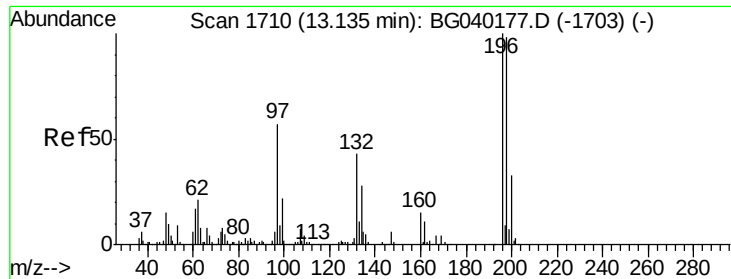
332 97.2 76.6 115.0

141 38.9 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

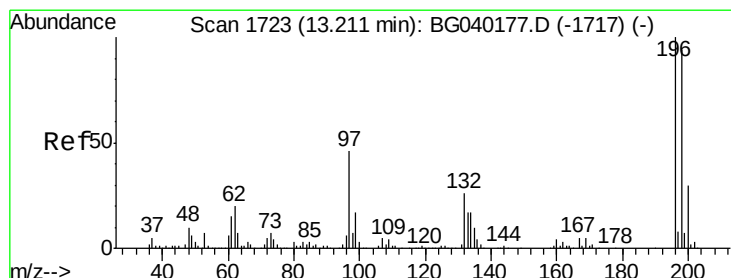
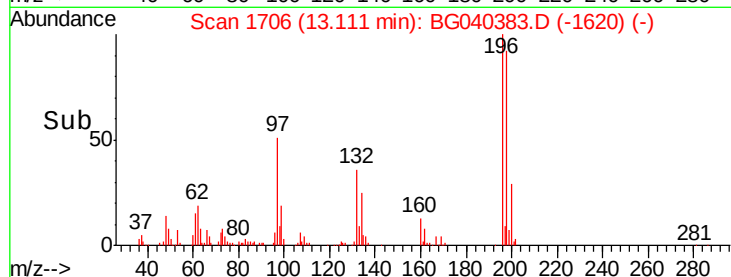
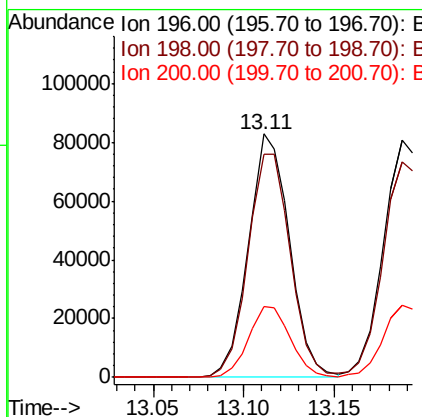
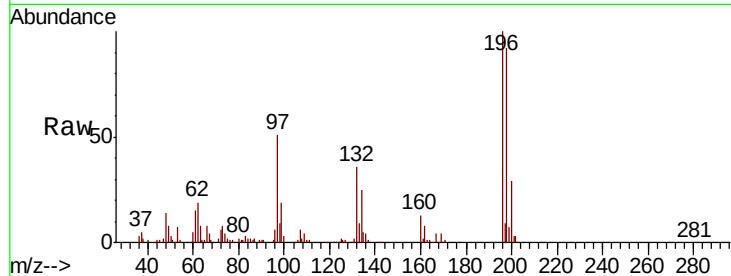




#43
 2,4,6-Trichlorophenol
 Concen: 44.714 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

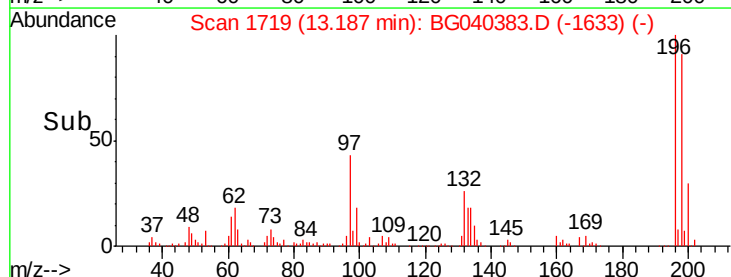
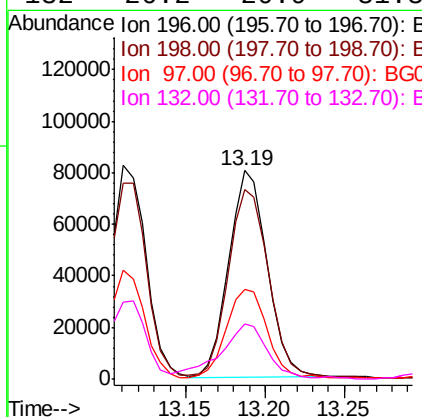
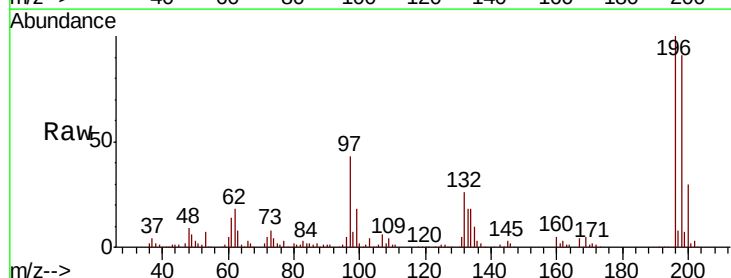
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BSD

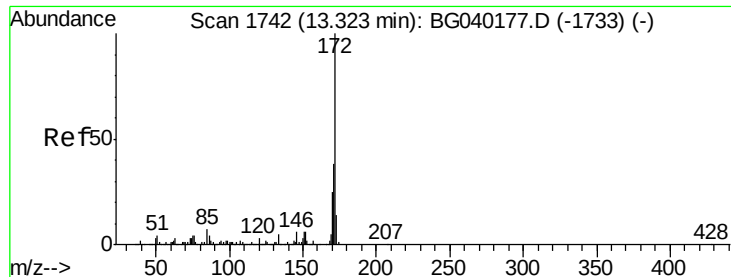
Tot Ion:196 Resp: 130175
 Ion Ratio Lower Upper
 196 100
 198 91.8 78.3 117.5
 200 29.2 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.706 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Tgt Ion:196 Resp: 135515
 Ion Ratio Lower Upper
 196 100
 198 90.8 75.0 112.6
 97 42.7 37.3 55.9
 132 26.2 20.9 31.3

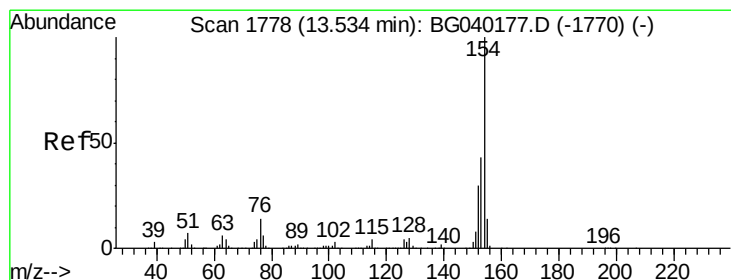
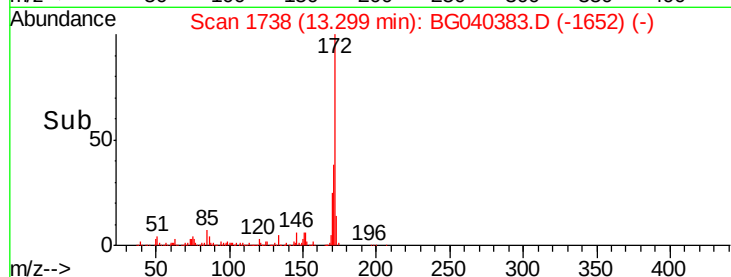
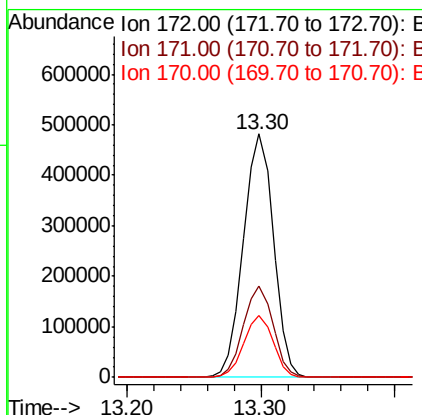
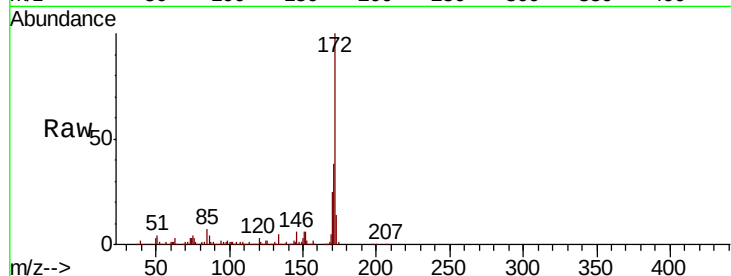




#45
2-Fluorobiphenyl
Concen: 78.062 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

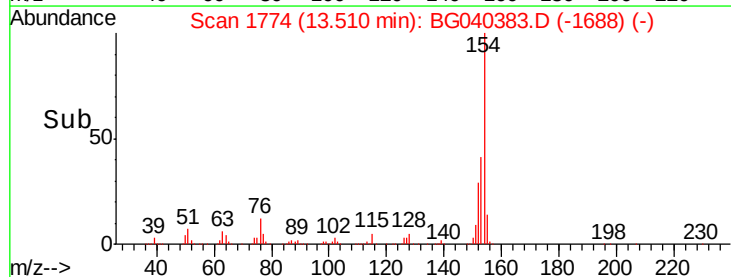
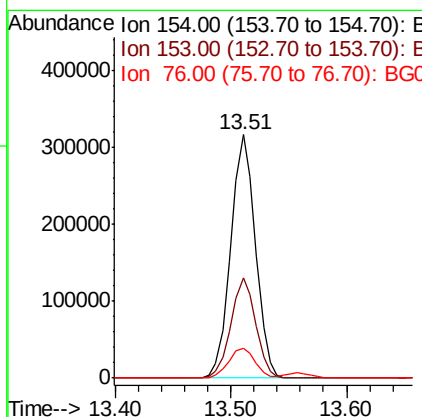
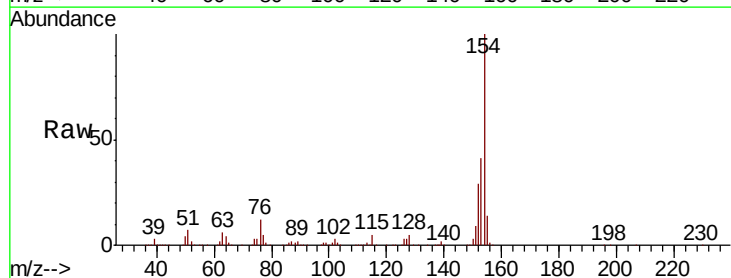
Instrument :
BNA_G
ClientSampleId :
PB118644BSD

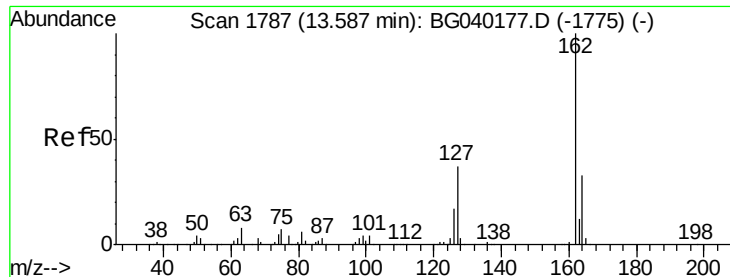
Tot Ion:172 Resp: 748442
Ion Ratio Lower Upper
172 100
171 37.5 30.5 45.7
170 25.3 20.1 30.1



#46
1,1'-Biphenyl
Concen: 41.561 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Tgt Ion:154 Resp: 466531
Ion Ratio Lower Upper
154 100
153 40.9 22.5 62.5
76 12.4 0.0 33.7

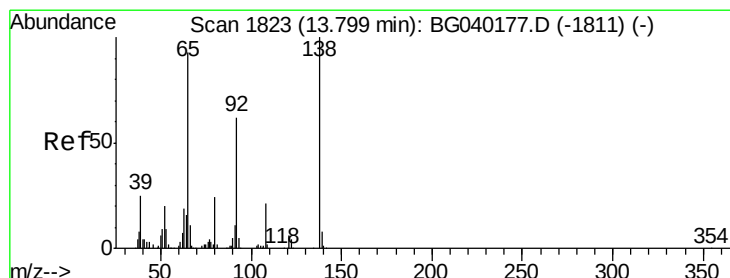
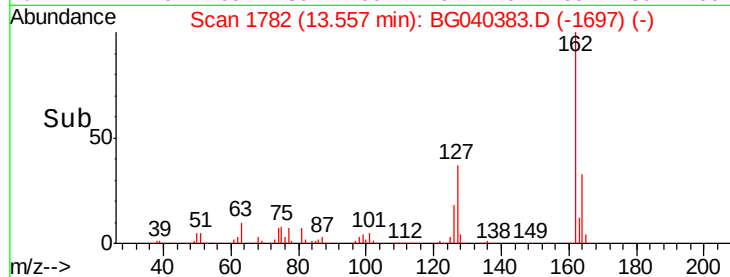
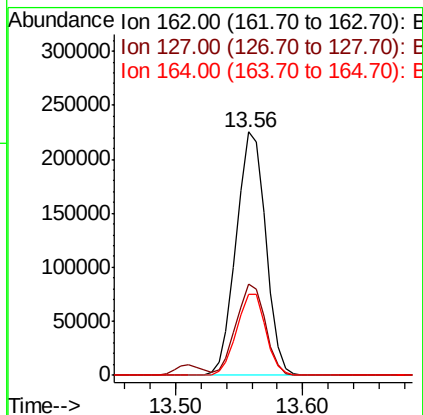
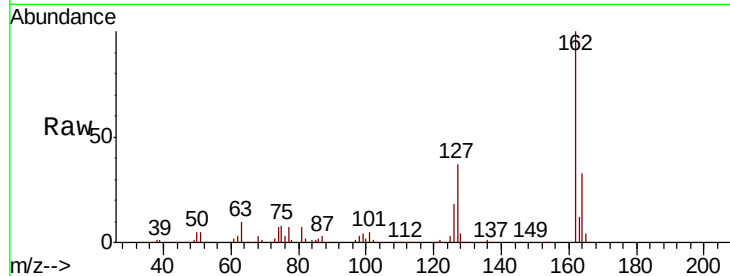




#47
 2-Chloronaphthalene
 Concen: 42.261 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

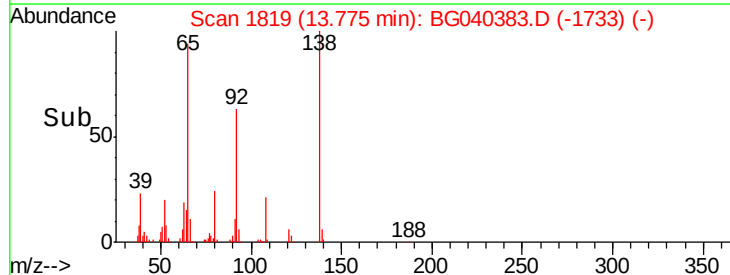
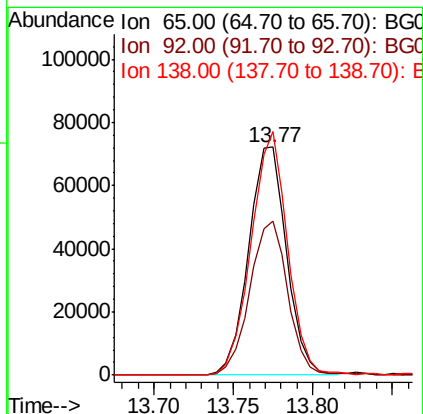
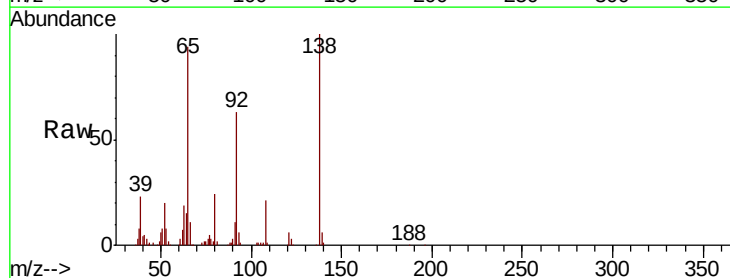
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BSD

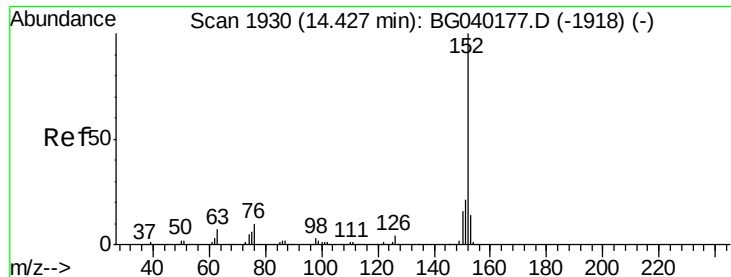
Tot Ion:	162	Resp:	363893
Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.6	45.8
164	33.3	26.2	39.4



#48
 2-Nitroaniline
 Concen: 41.453 ng
 RT: 13.77 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Tgt Ion:	65	Resp:	120397
Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.8	80.6
138	106.7	86.3	129.5





#49

Acenaphthylene

Concen: 40.555 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

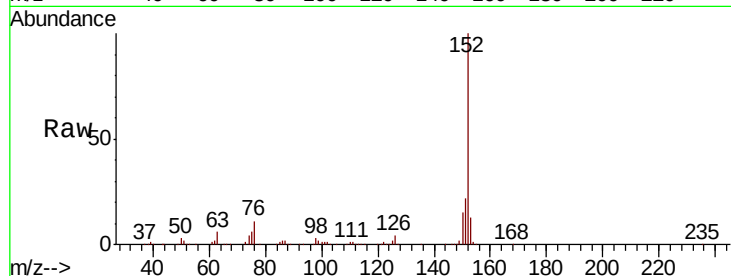
Tot Ion:152 Resp: 592063

Ion Ratio Lower Upper

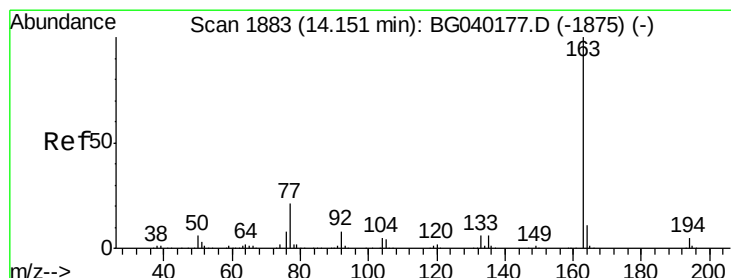
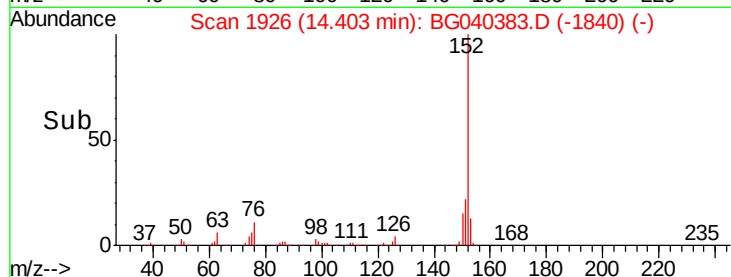
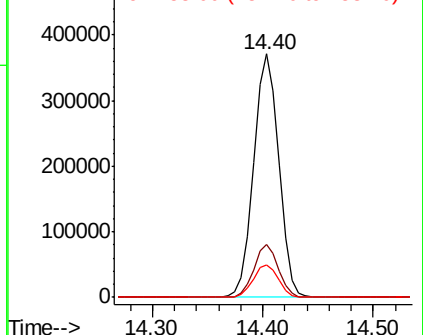
152 100

151 21.7 17.0 25.6

153 13.4 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: 41.195 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

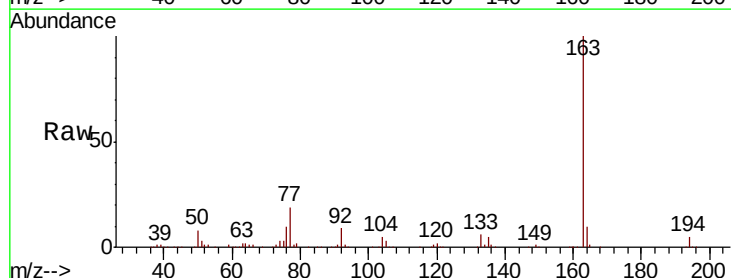
Tgt Ion:163 Resp: 458042

Ion Ratio Lower Upper

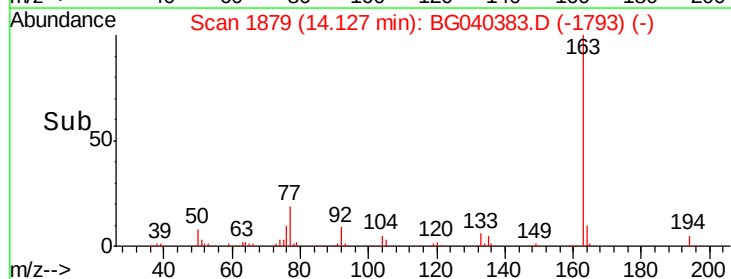
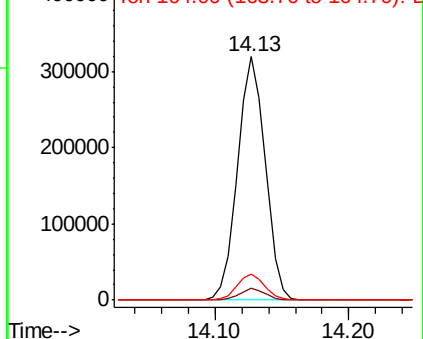
163 100

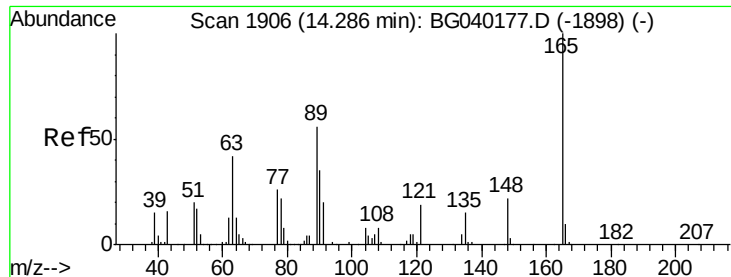
194 4.9 4.1 6.1

164 10.5 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

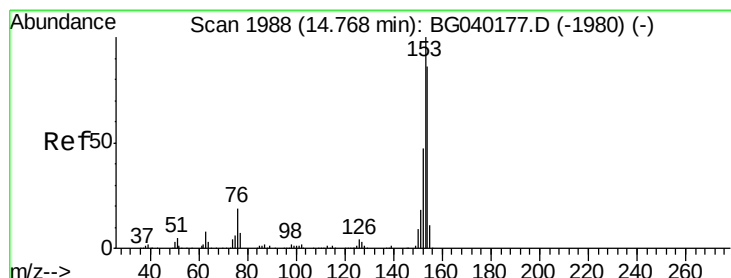
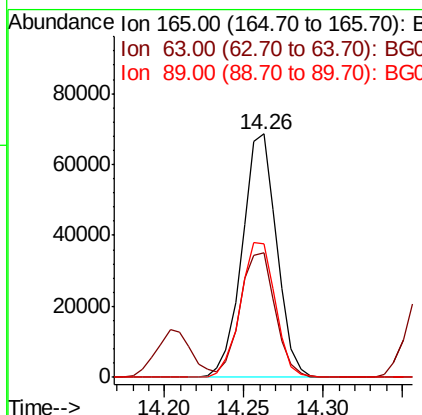
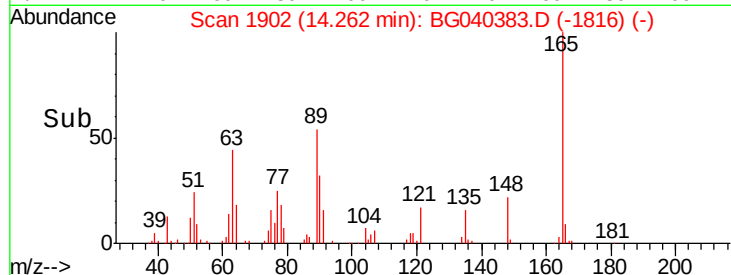
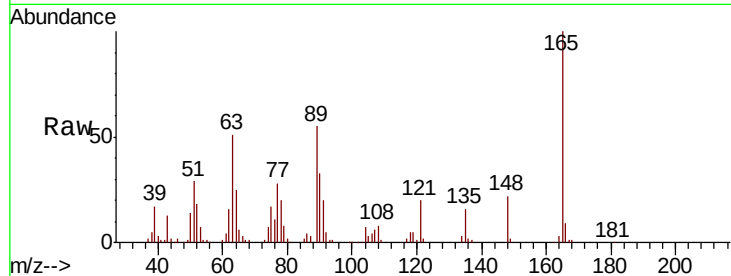




#51
 2,6-Dinitrotoluene
 Concen: 41.487 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

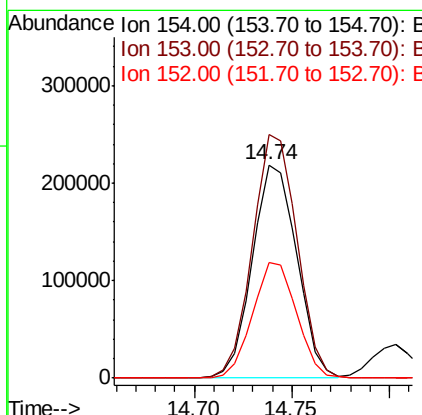
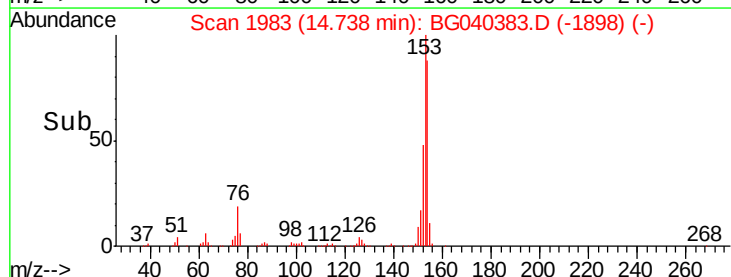
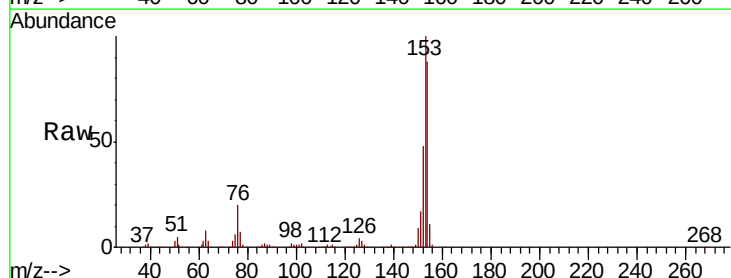
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BSD

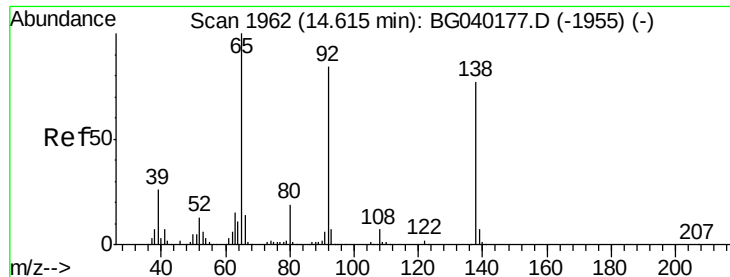
Tot Ion:165 Resp: 103577
 Ion Ratio Lower Upper
 165 100
 63 51.4 44.1 66.1
 89 54.7 44.9 67.3



#52
 Acenaphthene
 Concen: 41.316 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Tgt Ion:154 Resp: 345626
 Ion Ratio Lower Upper
 154 100
 153 114.2 92.8 139.2
 152 54.3 43.4 65.2





#53

3-Nitroaniline

Concen: 29.489 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

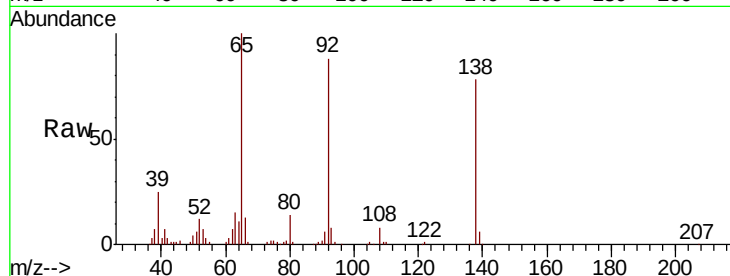
Tot Ion:138 Resp: 77931

Ion Ratio Lower Upper

138 100

108 10.7 7.8 11.8

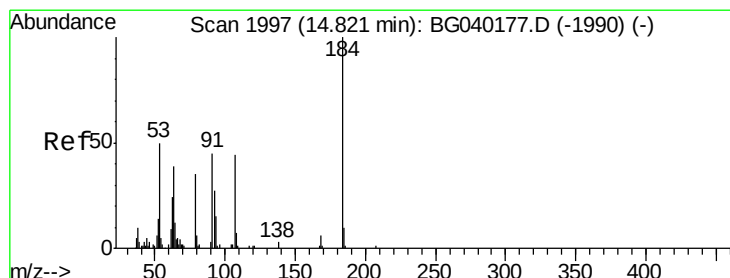
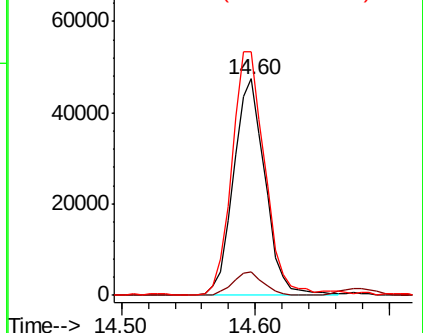
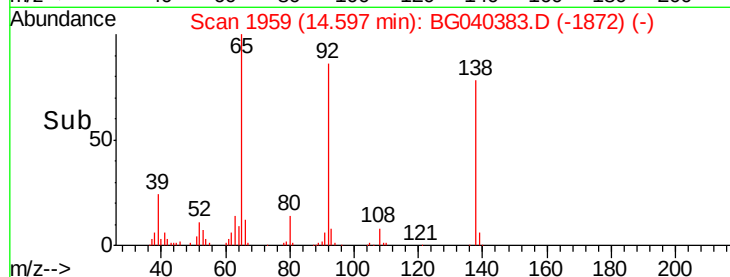
92 112.5 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 77.883 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

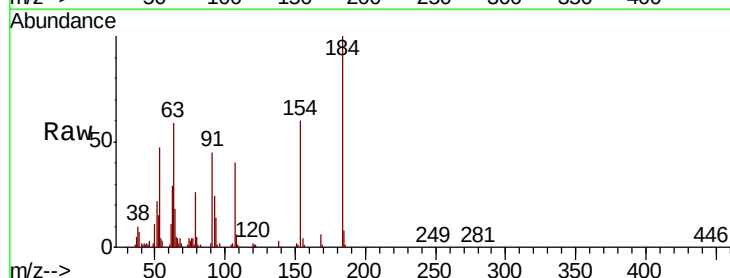
Tgt Ion:184 Resp: 103408

Ion Ratio Lower Upper

184 100

63 58.7 51.8 77.8

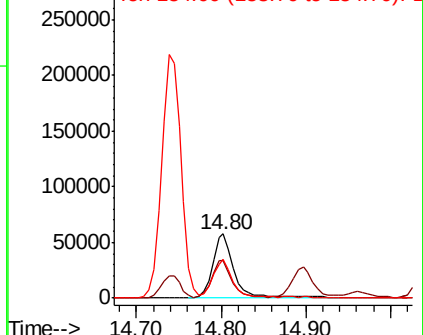
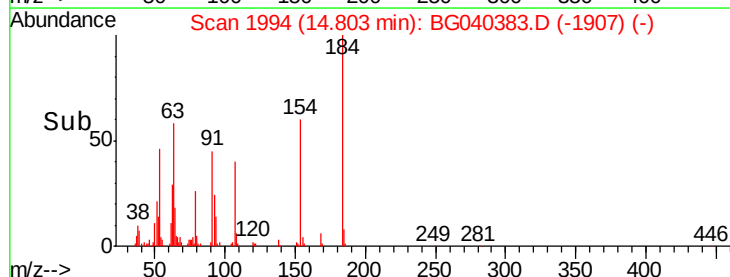
154 60.3 50.9 76.3

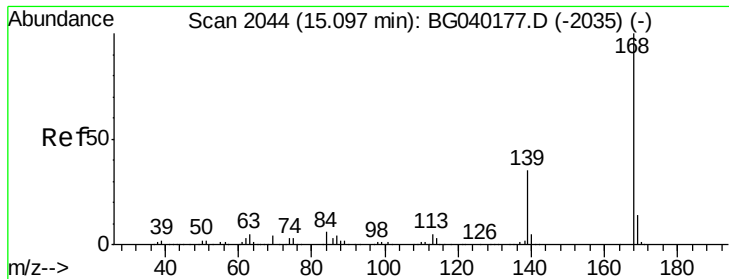


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

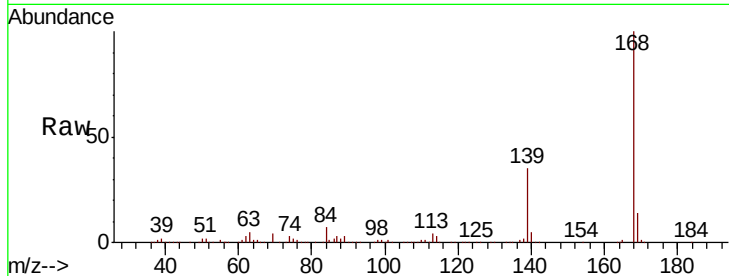




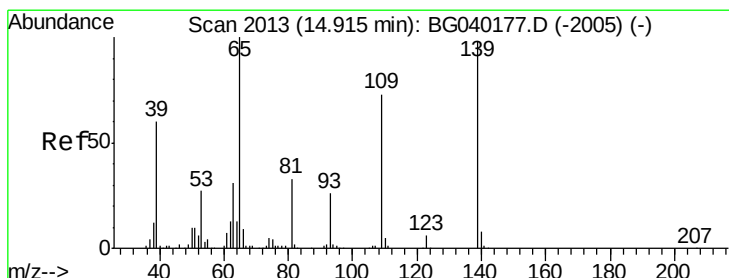
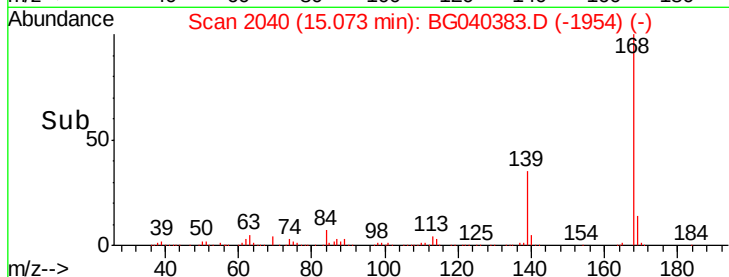
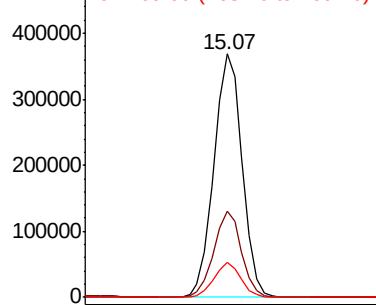
#55
Dibenzenofuran
Concen: 42.353 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :
PB118644BSD

Tot Ion:168 Resp: 569311
Ion Ratio Lower Upper
168 100
139 35.3 27.9 41.9
169 14.1 11.3 16.9

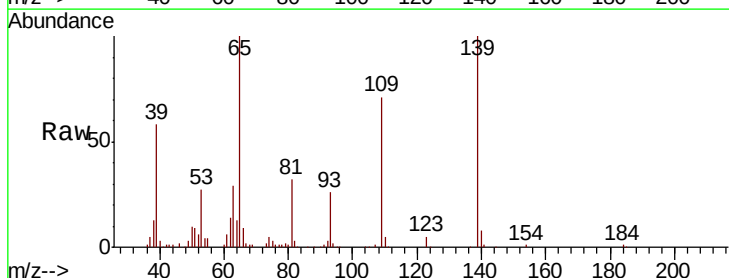


Abundance Ion 168.00 (167.70 to 168.70): E
500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

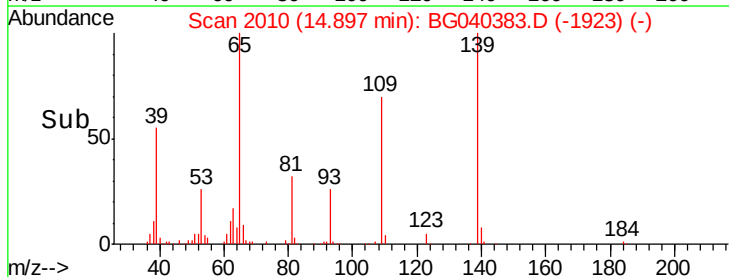
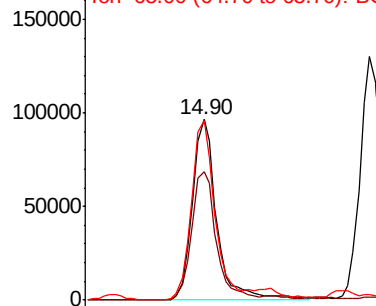


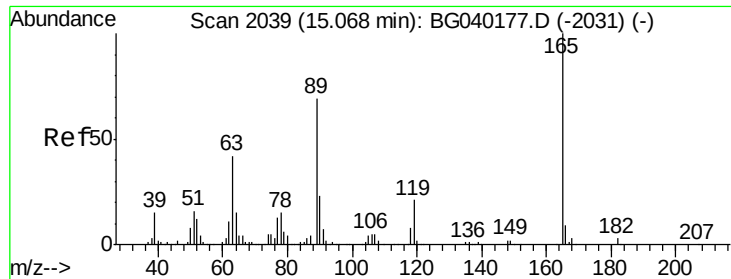
#56
4-Nitrophenol
Concen: 82.103 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Tgt Ion:139 Resp: 175118
Ion Ratio Lower Upper
139 100
109 71.0 54.3 94.3
65 99.8 82.5 122.5



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

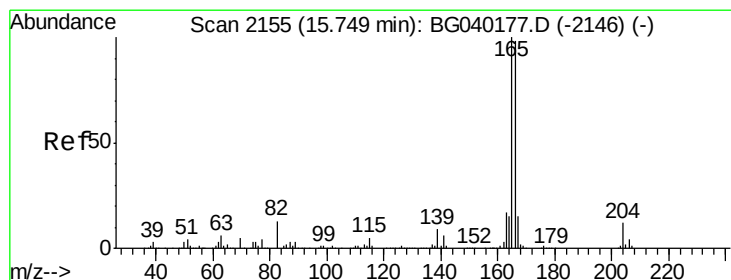
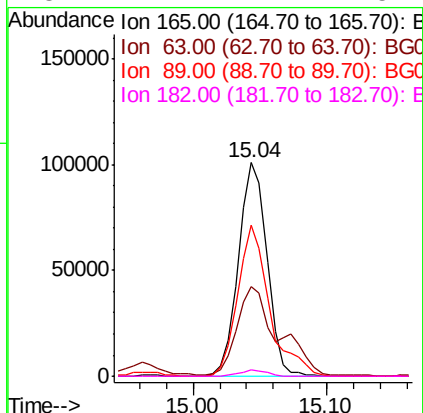
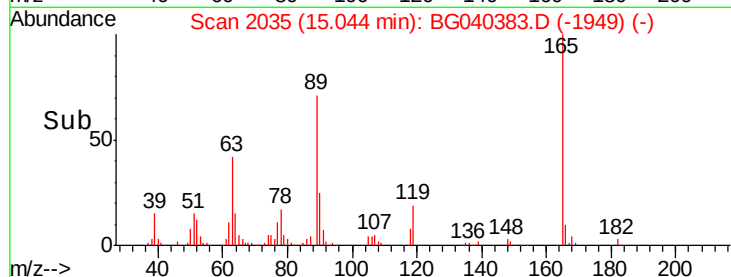
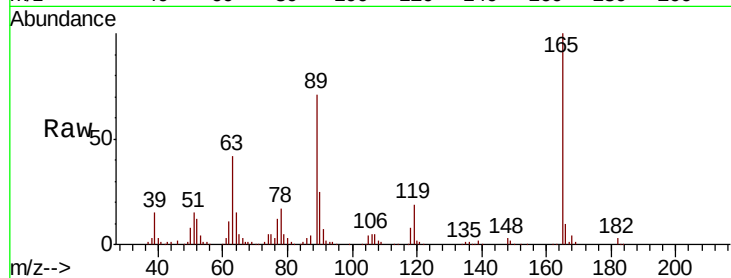




#57
 2,4-Dinitrotoluene
 Concen: 43.055 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

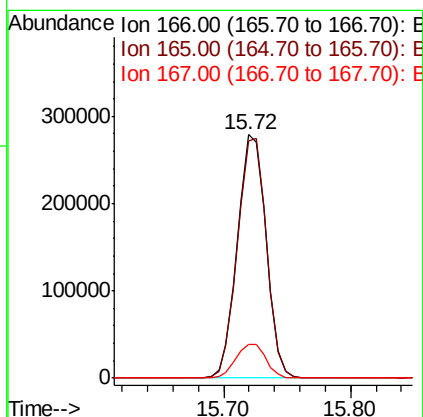
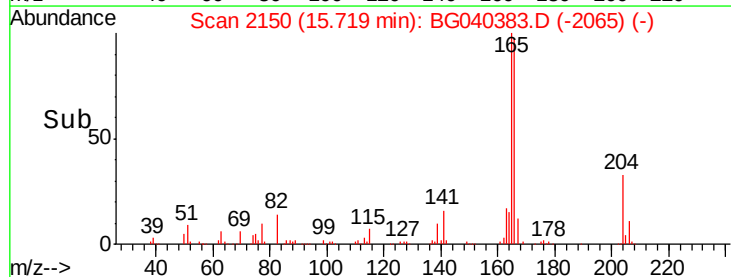
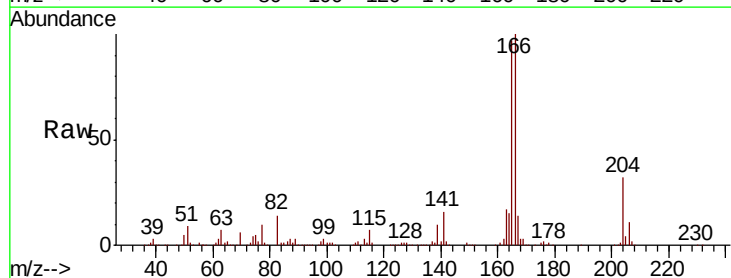
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BSD

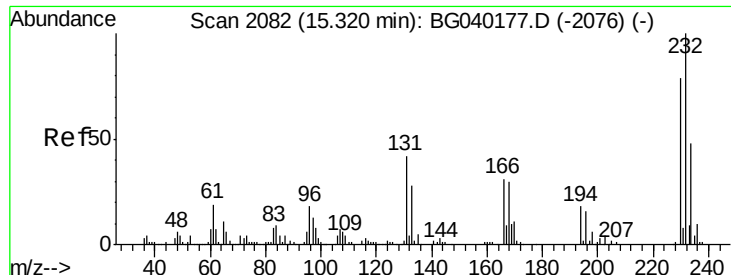
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	33.8	50.6
89	70.6	55.4	83.2
182	2.7	2.2	3.4



#58
 Fluorene
 Concen: 41.435 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.03 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	81.7	122.5
167	14.0	11.9	17.9

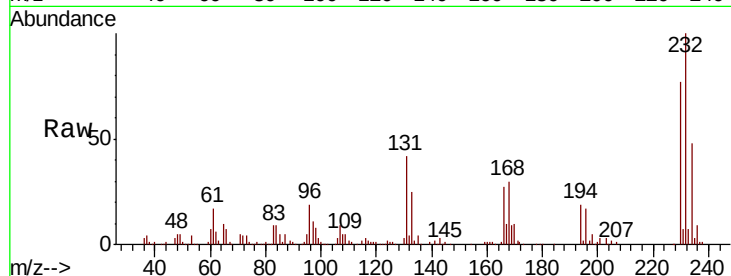




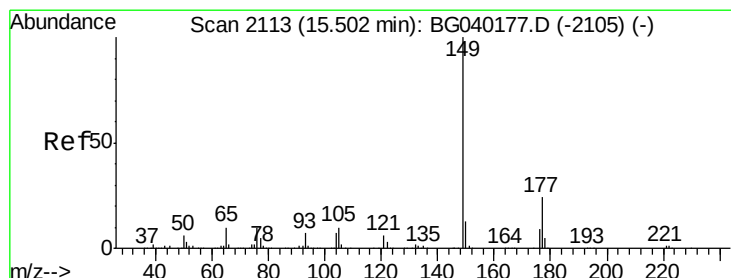
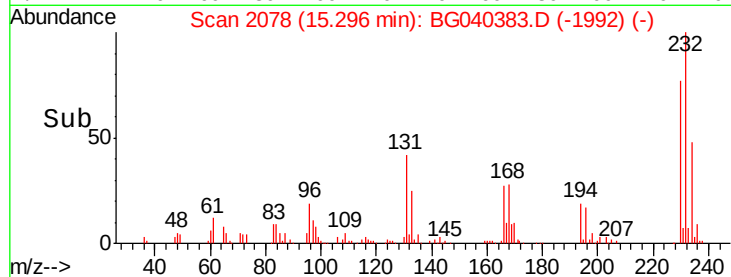
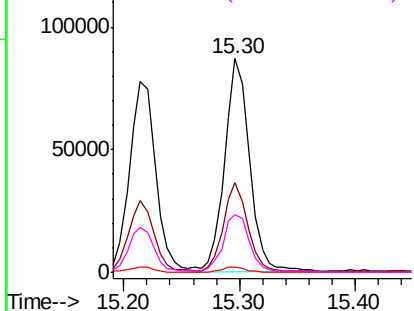
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.320 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :
PB118644BSD

Tot Ion:	232	Resp:	130499
Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.9	49.3
130	2.4	1.8	2.8
166	29.5	23.5	35.3

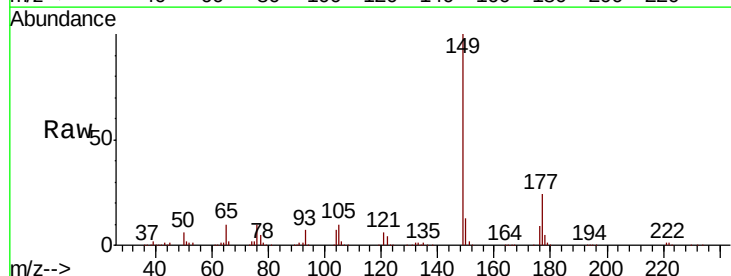


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

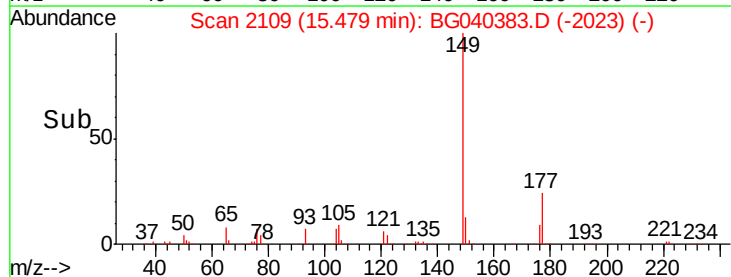
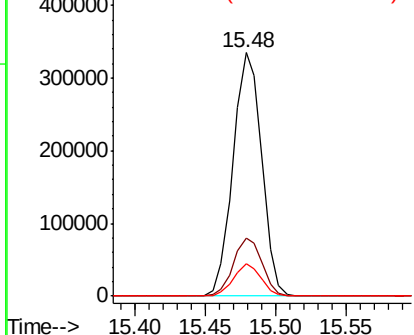


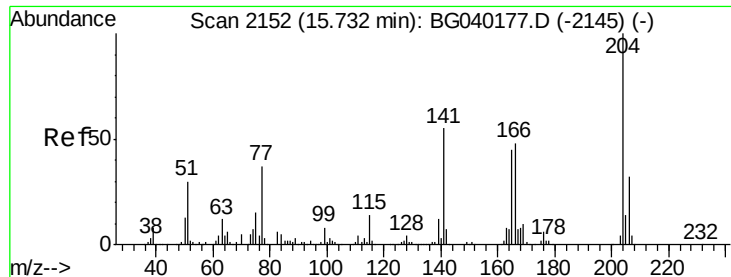
#60
Diethylphthalate
Concen: 41.550 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Tgt Ion:	149	Resp:	472745
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	13.1	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

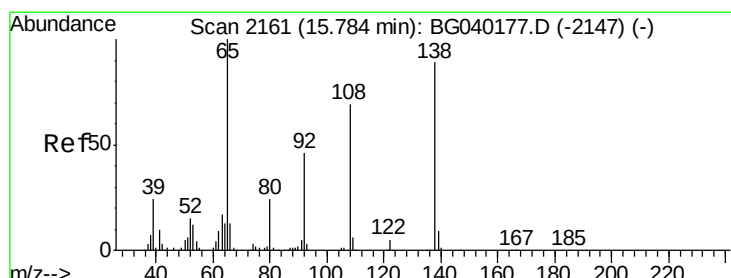
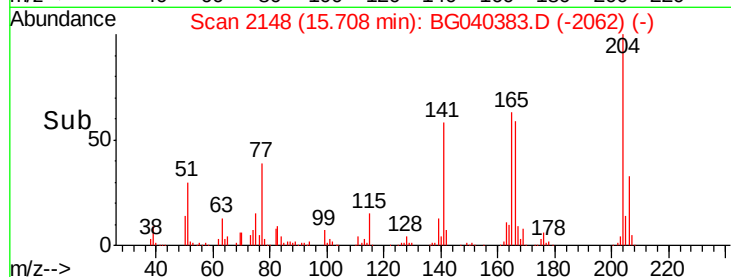
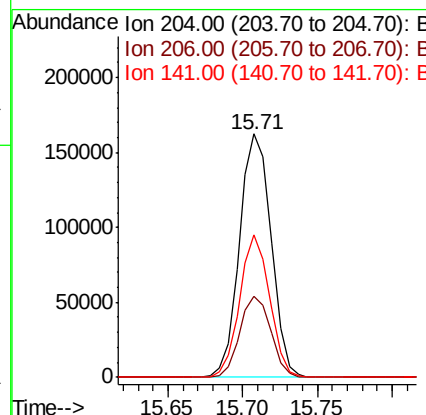
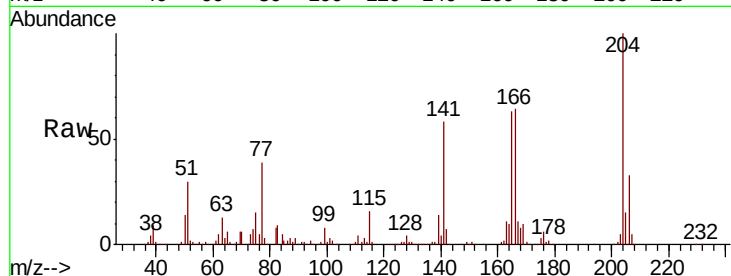




#61
 4-Chlorophenyl-phenylether
 Concen: 42.309 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

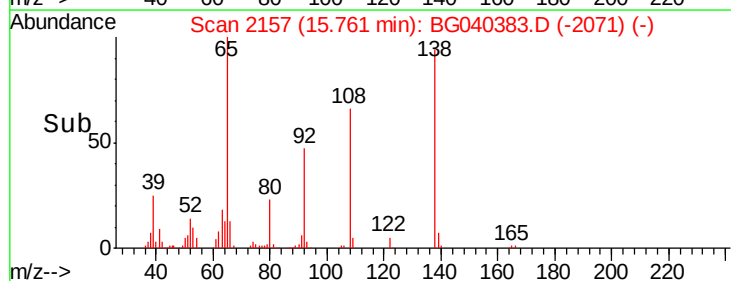
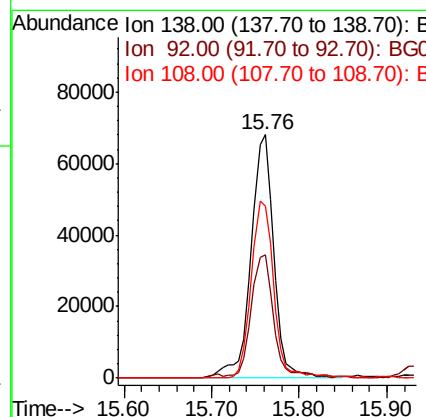
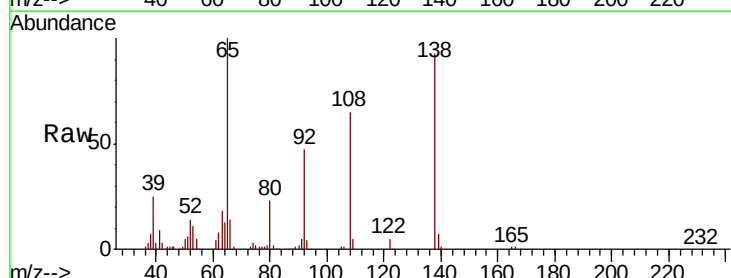
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BSD

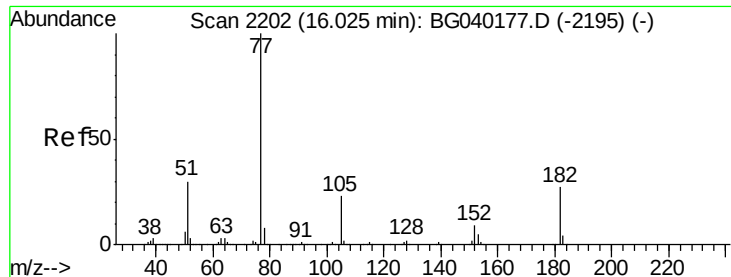
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.7	38.5
141	58.3	44.0	66.0



#62
 4-Nitroaniline
 Concen: 42.540 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.8	71.8
108	70.4	57.2	97.2

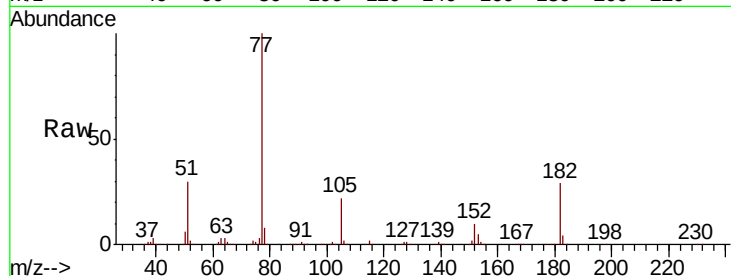




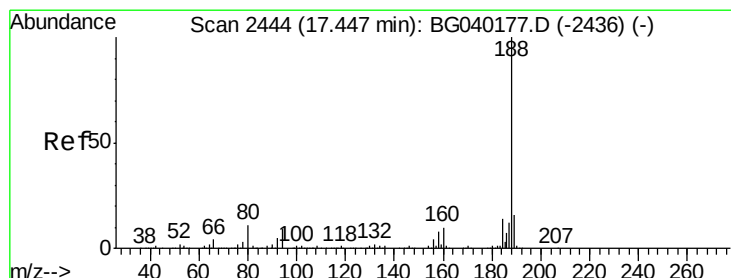
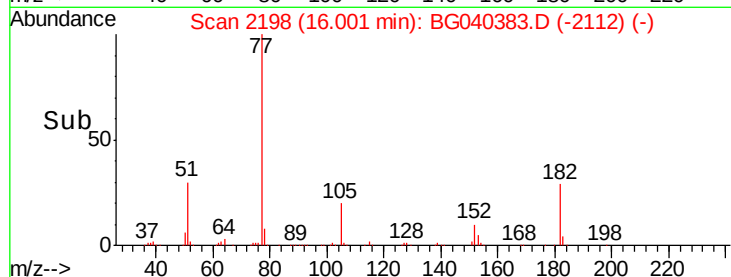
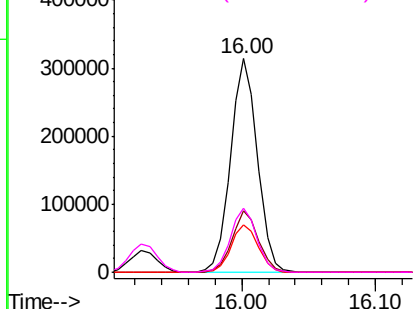
#63
Azobenzene
Concen: 40.794 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Instrument :
BNA_G
ClientSampleId :
PB118644BSD

Tot Ion: 77 Resp: 437815
Ion Ratio Lower Upper
77 100
182 28.8 7.2 47.2
105 21.9 2.8 42.8
51 30.0 10.4 50.4

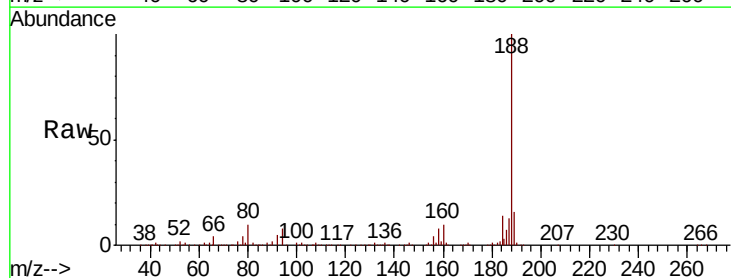


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

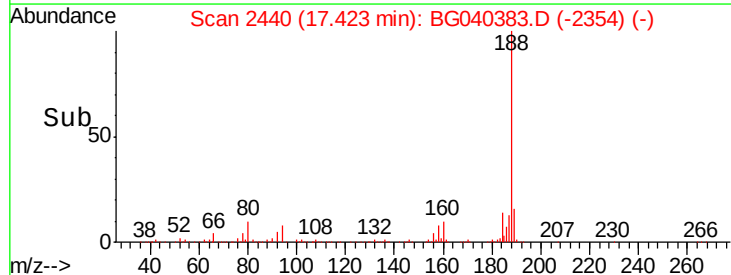
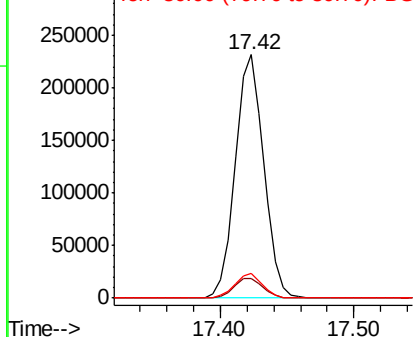


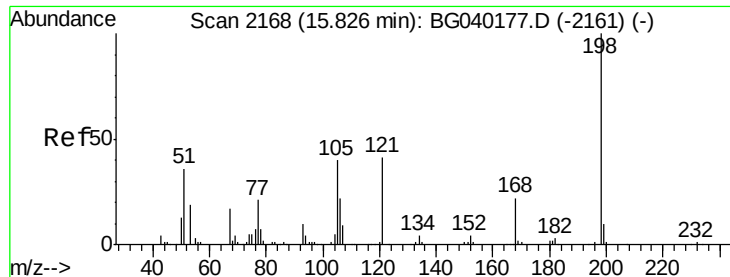
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Tgt Ion: 188 Resp: 342645
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 10.0 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

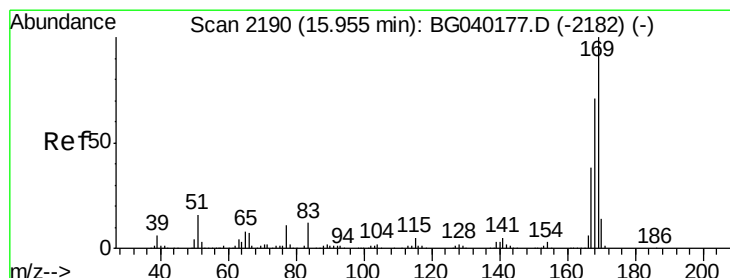
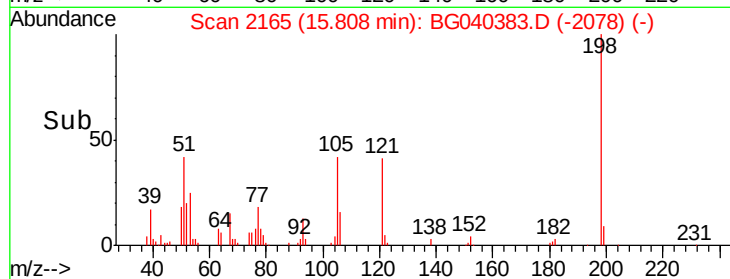
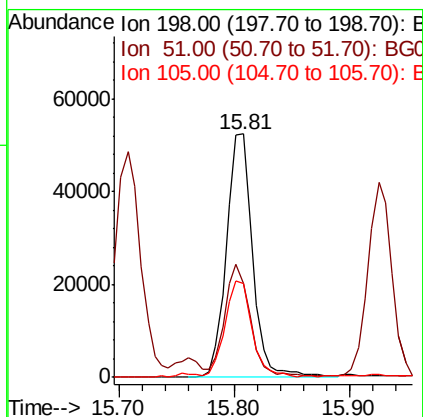
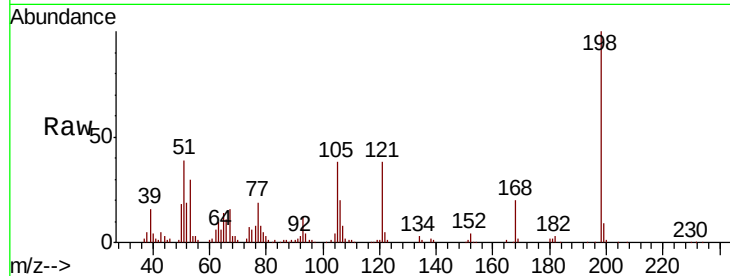




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.868 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

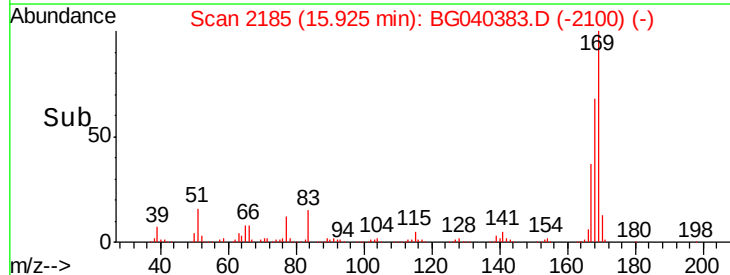
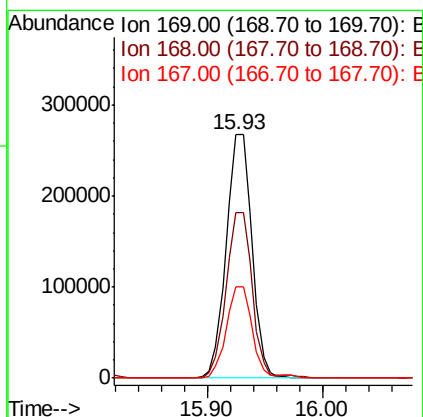
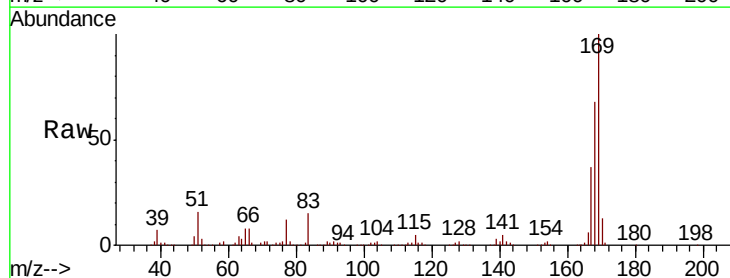
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BSD

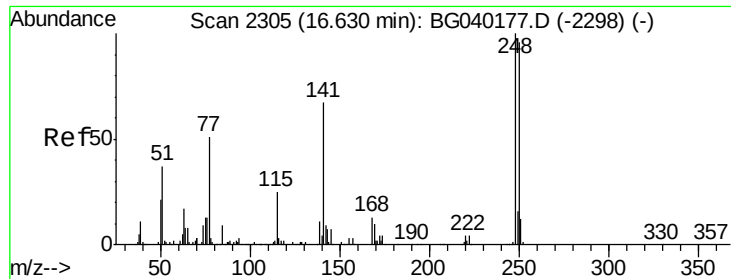
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.8	27.3	67.3
105	38.4	21.7	61.7



#66
 n-Nitrosodiphenylamine
 Concen: 41.197 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.03 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	56.8	85.2
167	37.4	30.2	45.4

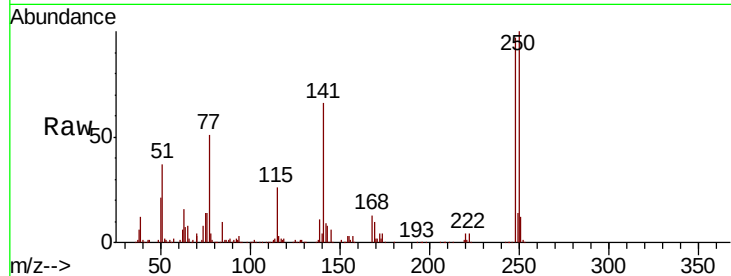




#67
 4-Bromophenyl-phenylether
 Concen: 40.317 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Instrument :
 BNA_G
 ClientSampleId :
 PB118644BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	103.5	76.4	114.6
141	68.0	53.8	80.8

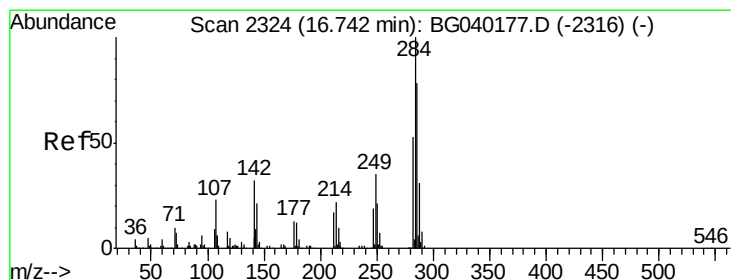
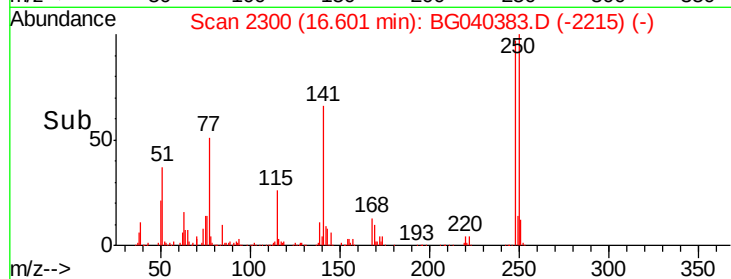
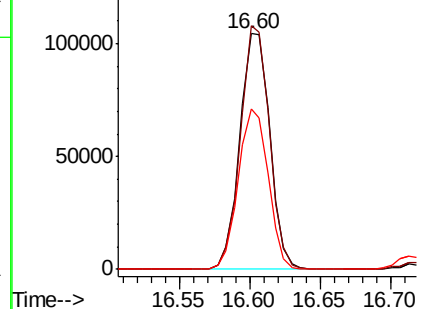


Abundance

Ion 248.00 (247.70 to 248.70): E

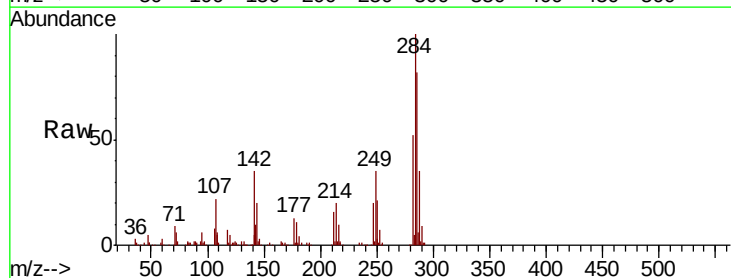
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.344 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	25.3	37.9
249	35.4	28.2	42.2

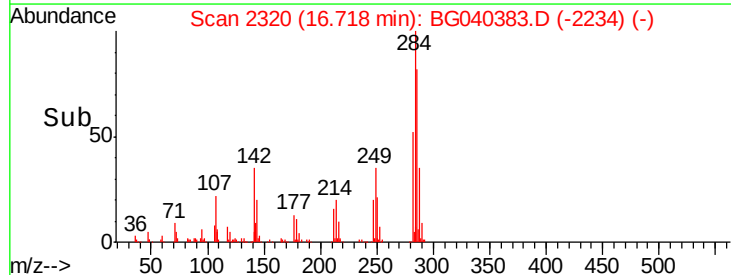
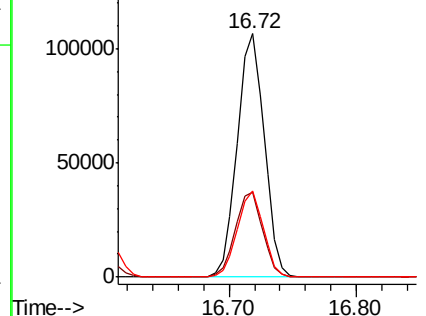


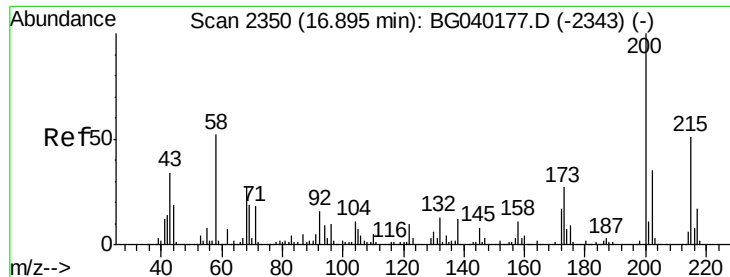
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.353 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

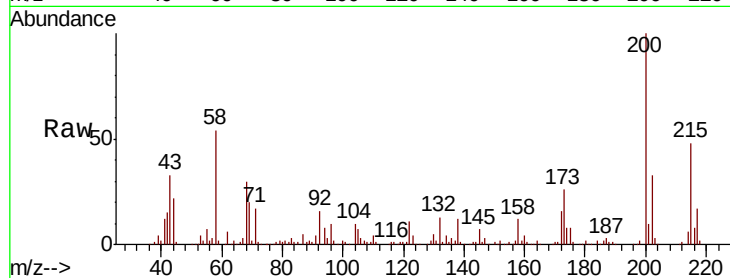
Tot Ion:200 Resp: 154241

Ion Ratio Lower Upper

200 100

173 25.9 7.1 47.1

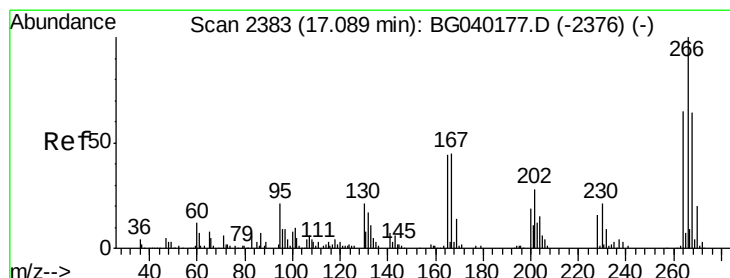
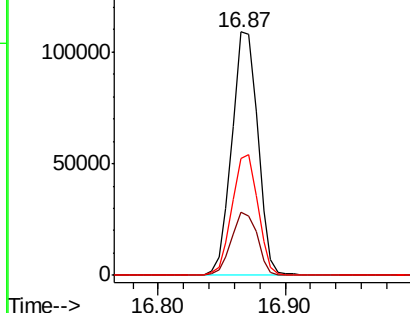
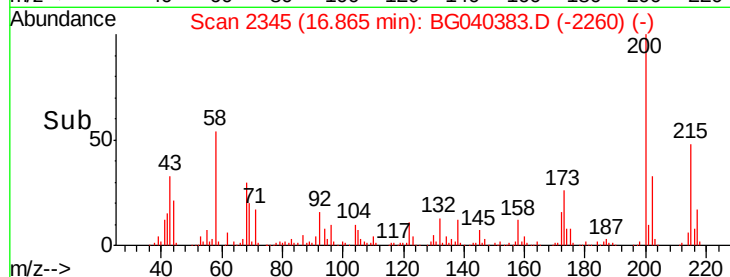
215 47.8 30.9 70.9



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: 75.026 ng

RT: 17.06 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

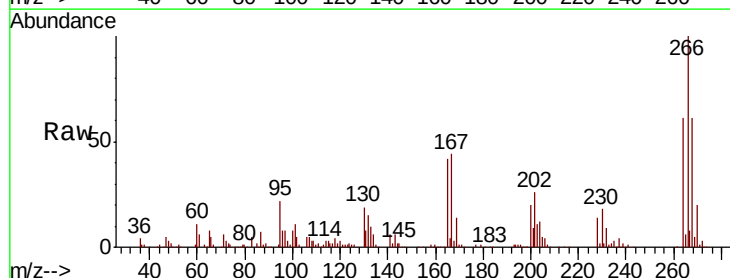
Tgt Ion:266 Resp: 168166

Ion Ratio Lower Upper

266 100

268 61.4 55.0 82.4

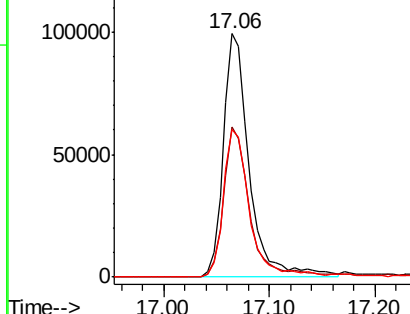
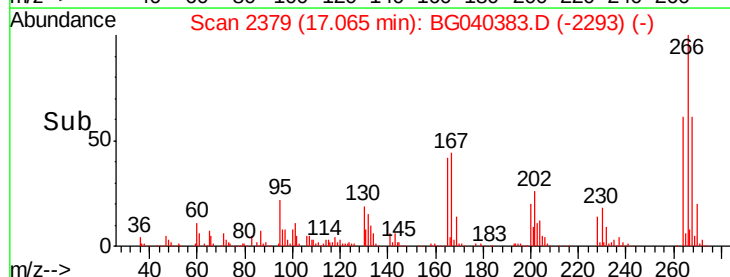
264 60.6 51.8 77.8

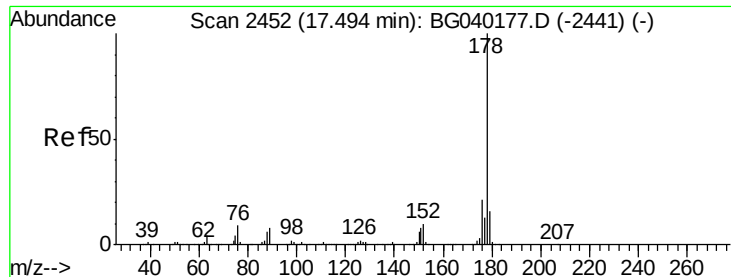


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

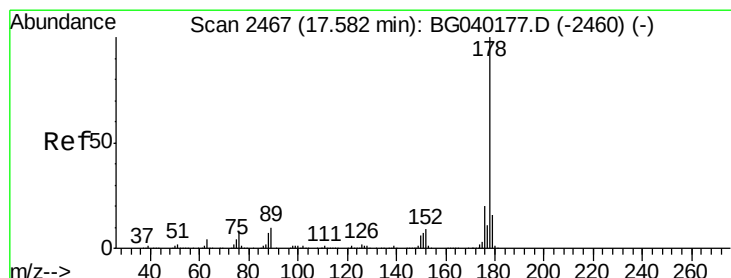
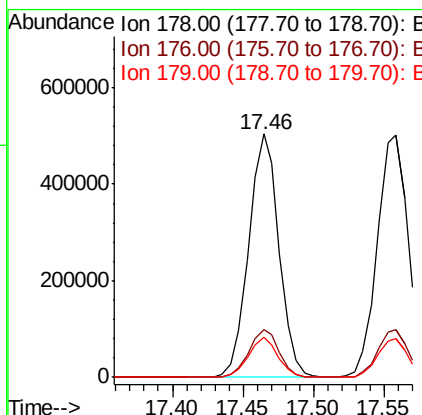
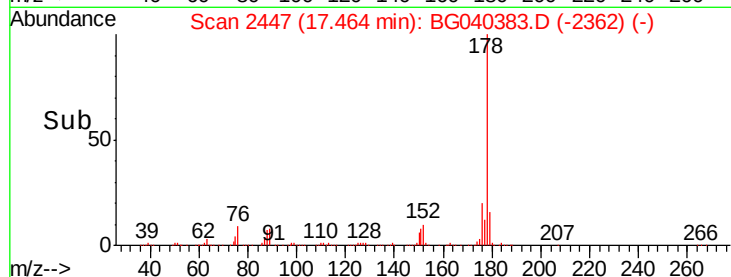
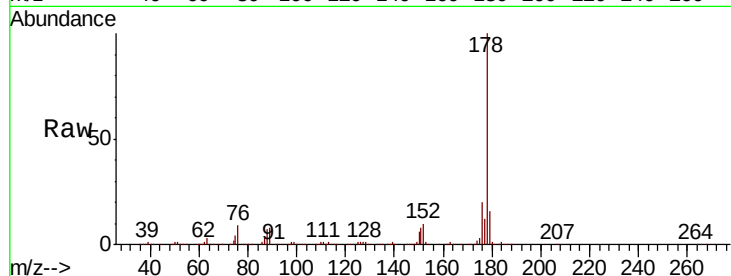




#71
 Phenanthrene
 Concen: 41.959 ng
 RT: 17.46 min Scan# 2447
 Delta R.T. -0.03 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

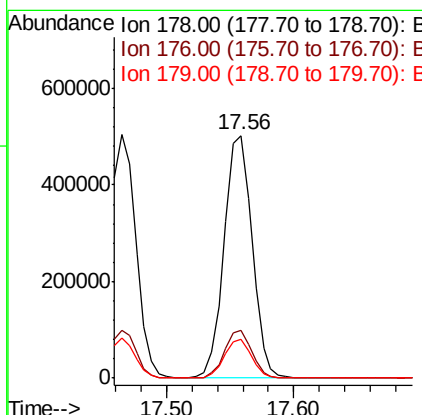
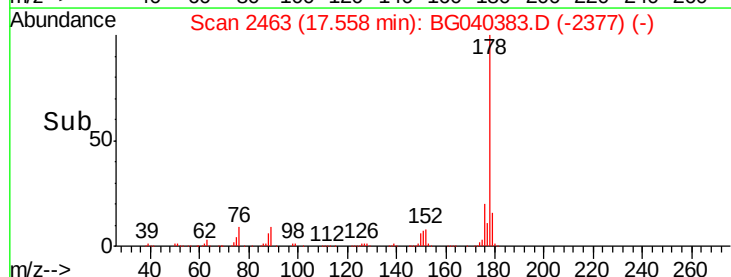
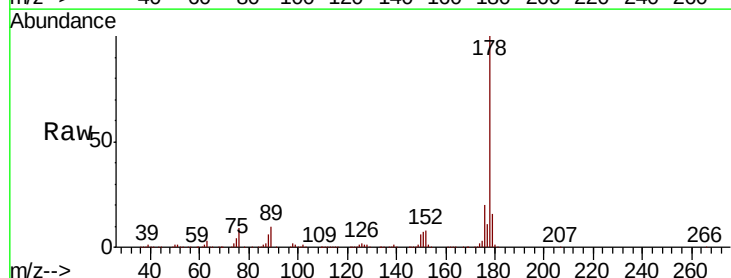
Instrument :
 BNA_G
 ClientSampleId :
 PB118644BSD

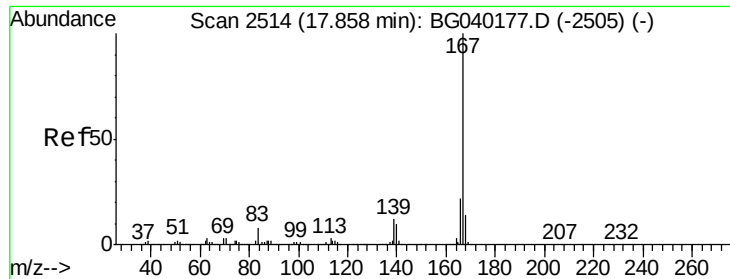
Tot Ion:178 Resp: 755680
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.7 25.1
 179 16.3 12.8 19.2



#72
 Anthracene
 Concen: 42.596 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Tgt Ion:178 Resp: 767861
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.1 12.9 19.3

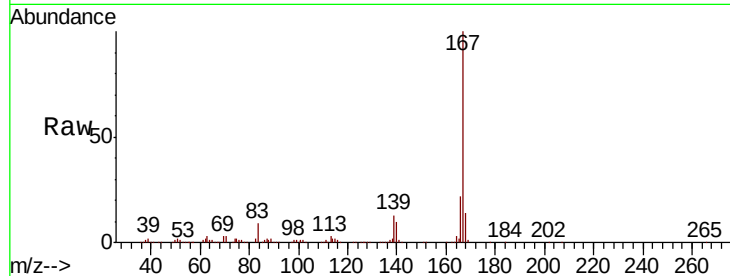




#73
 Carbazole
 Concen: 43.498 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Instrument :
 BNA_G
 ClientSampleId :
 PB118644BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	12.5	10.0	15.0

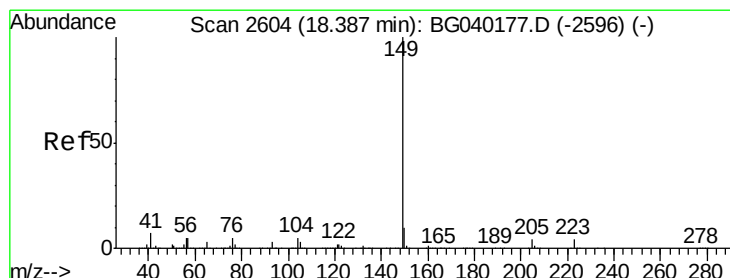
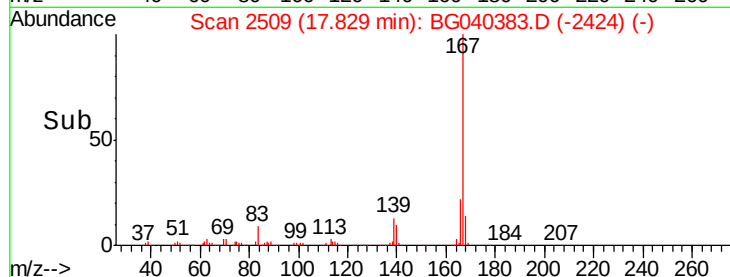
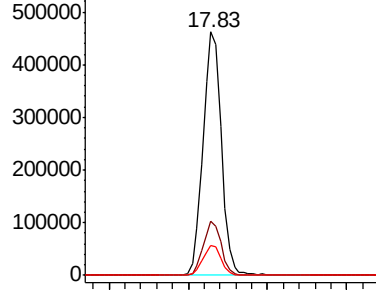


Abundance

Ion 167.00 (166.70 to 167.70): E

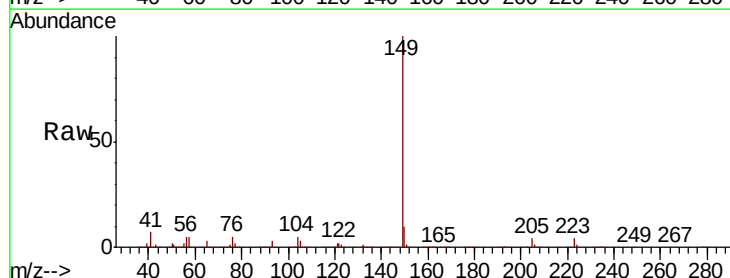
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 42.384 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040383.D
 Acq: 5 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.9	11.9
104	5.0	4.1	6.1

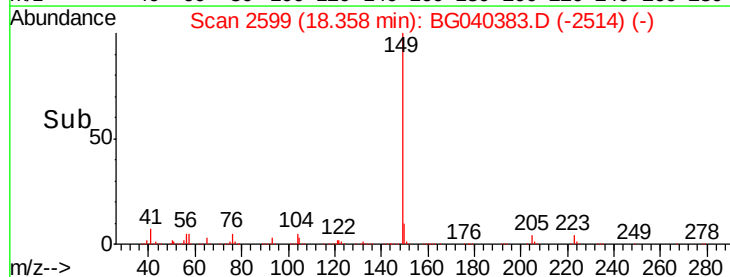
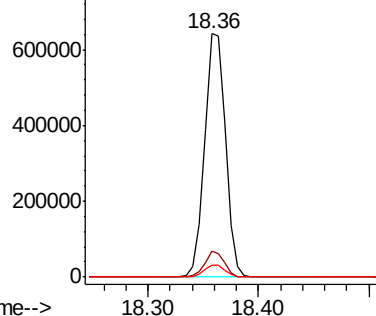


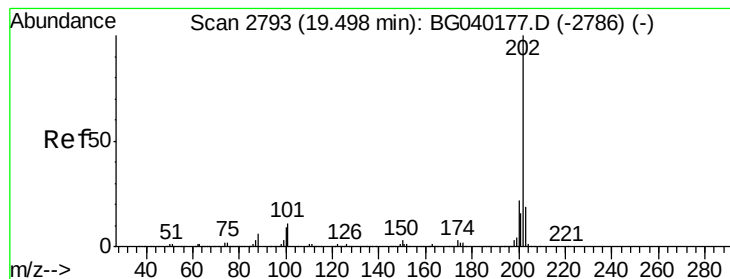
Abundance

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: 44.813 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

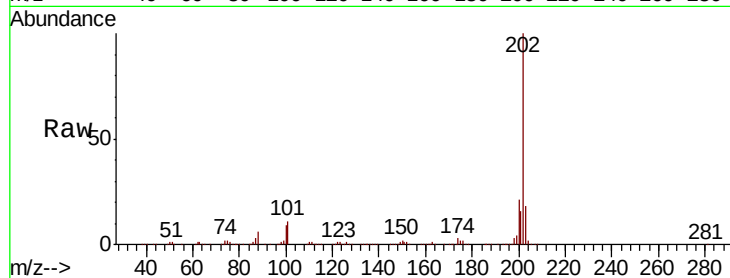
Tot Ion:202 Resp: 955683

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.8

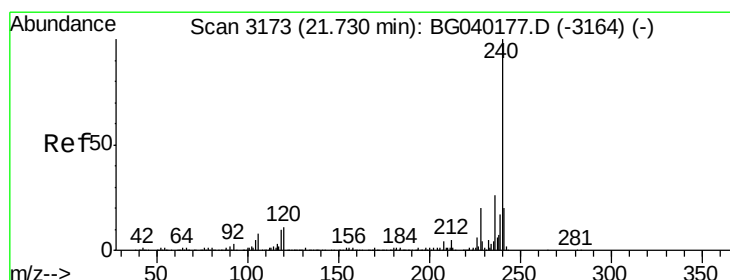
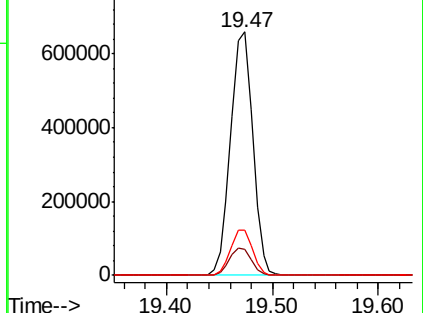
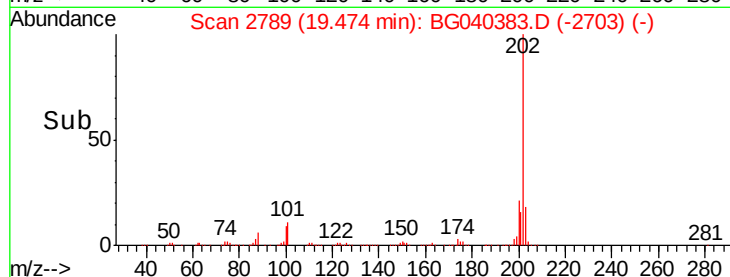
203 18.4 0.0 38.9



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: 21.69 min Scan# 3167

Delta R.T. -0.04 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

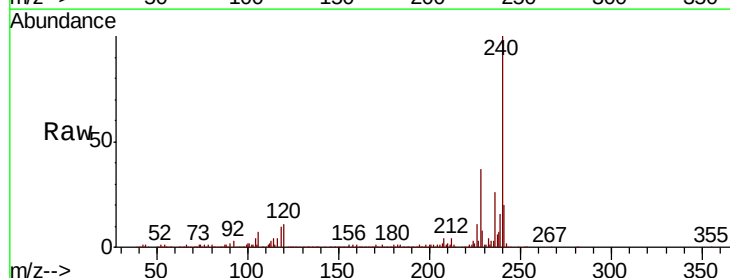
Tgt Ion:240 Resp: 376333

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

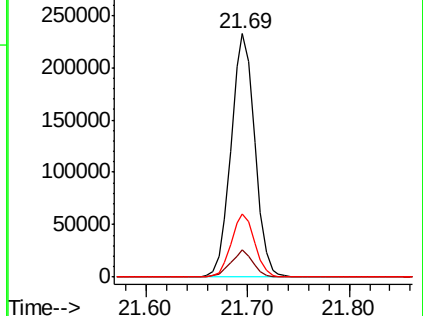
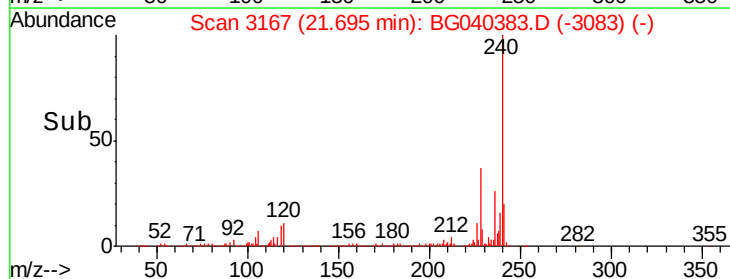
236 25.8 20.8 31.2

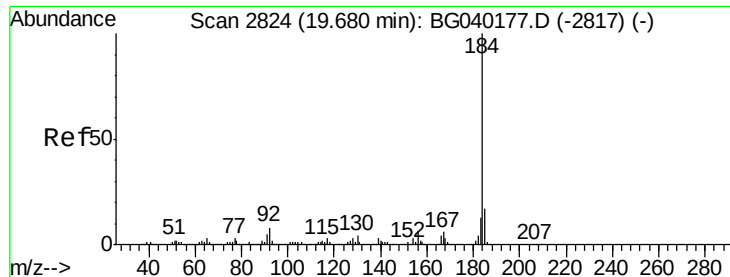


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.107 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

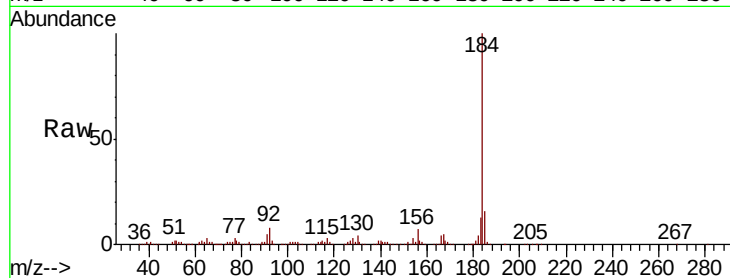
Tot Ion:184 Resp: 354790

Ion Ratio Lower Upper

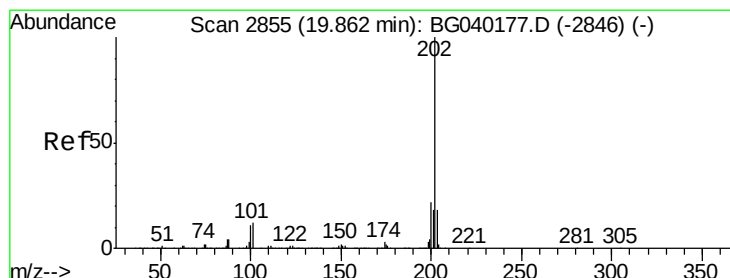
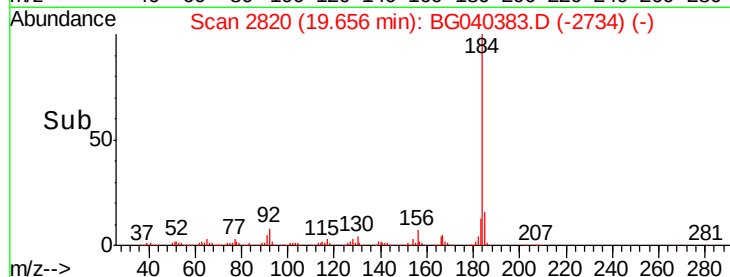
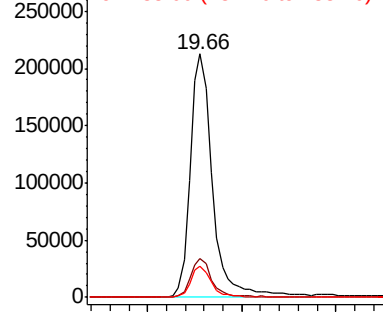
184 100

185 15.7 13.3 19.9

183 12.7 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: 39.414 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

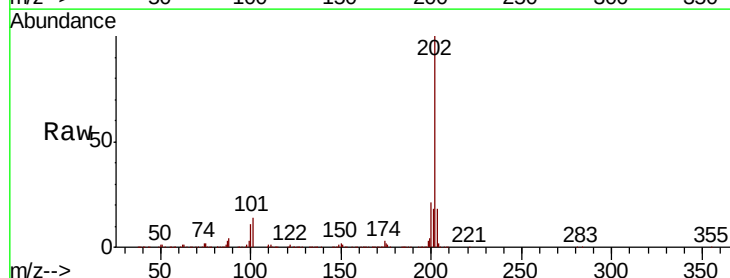
Tgt Ion:202 Resp: 975420

Ion Ratio Lower Upper

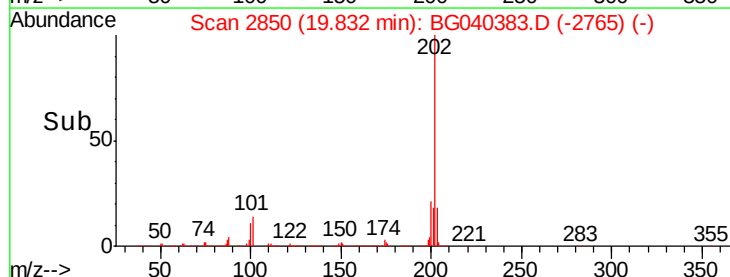
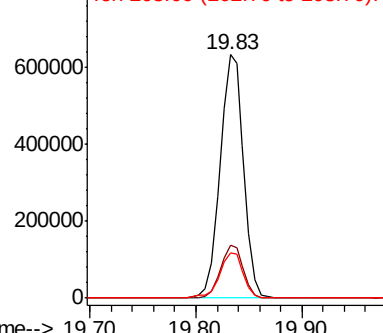
202 100

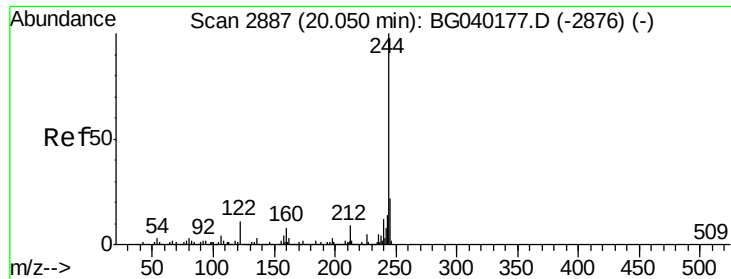
200 21.5 17.3 25.9

203 18.3 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: 73.605 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

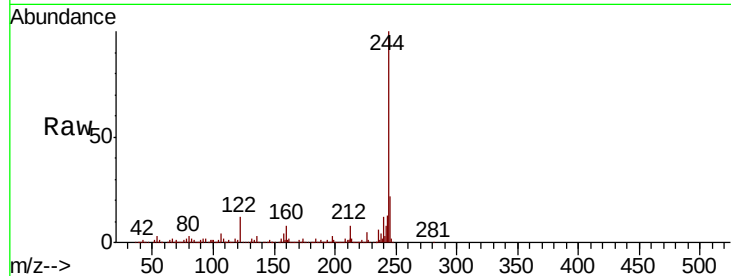
Tot Ion:244 Resp: 1231307

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

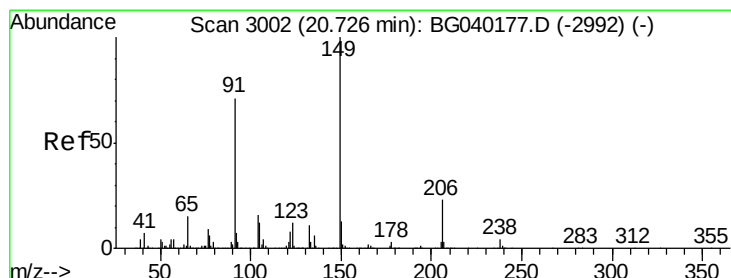
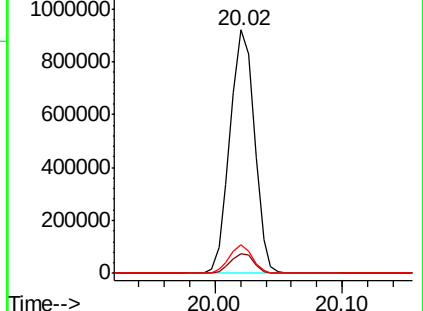
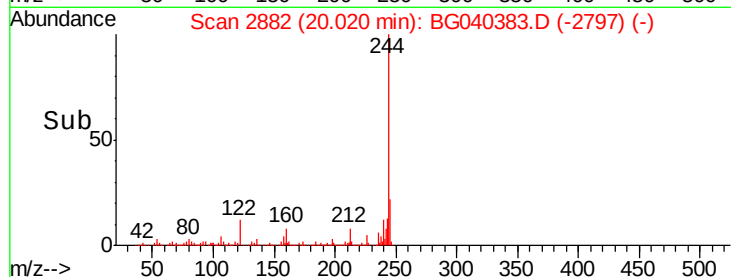
122 11.6 8.5 12.7



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: 40.840 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

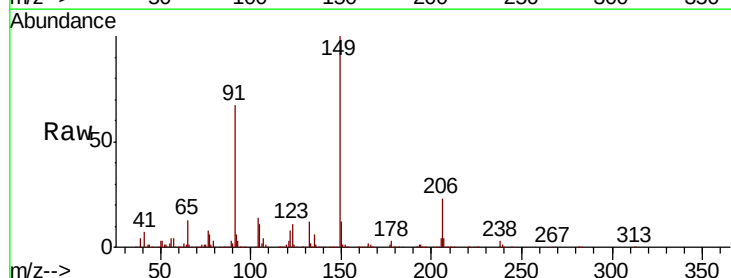
Tgt Ion:149 Resp: 432496

Ion Ratio Lower Upper

149 100

91 67.5 57.0 85.4

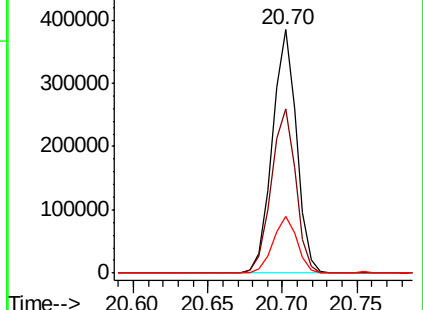
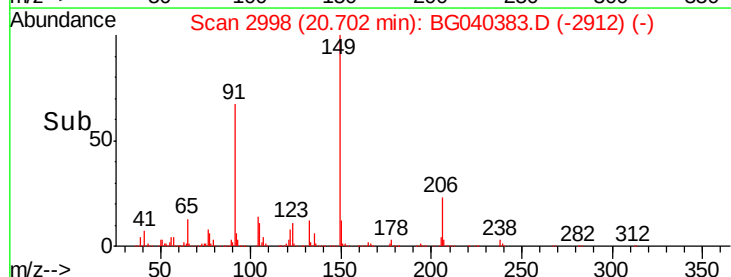
206 23.4 18.2 27.4

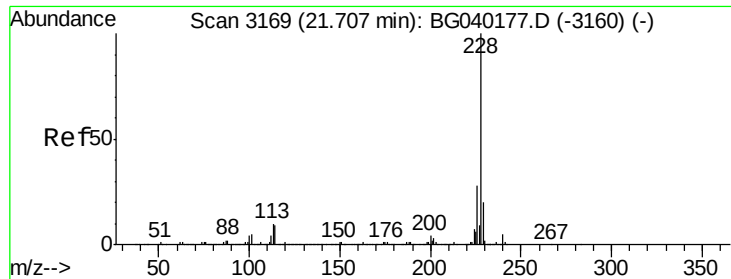


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

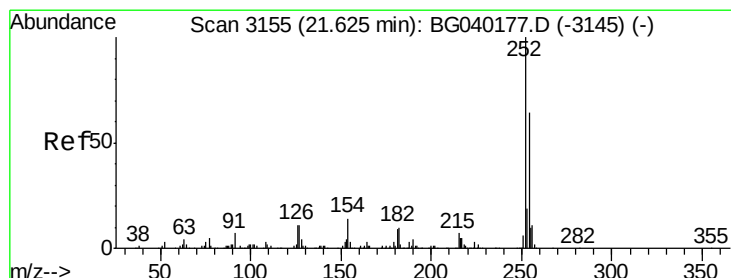
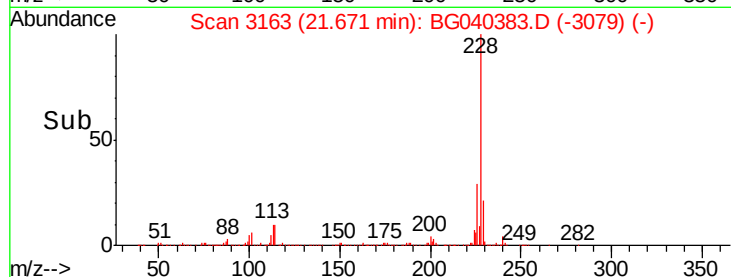
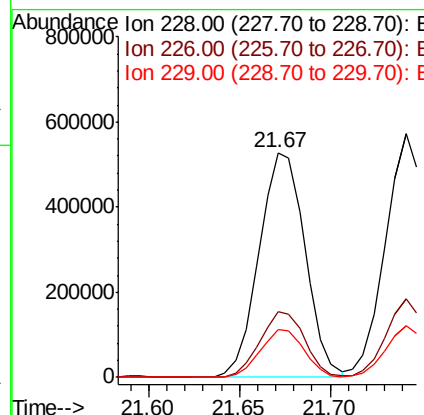
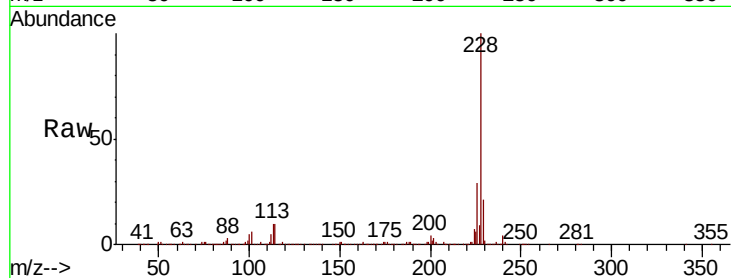




#81
Benzo(a)anthracene
Concen: 40.160 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

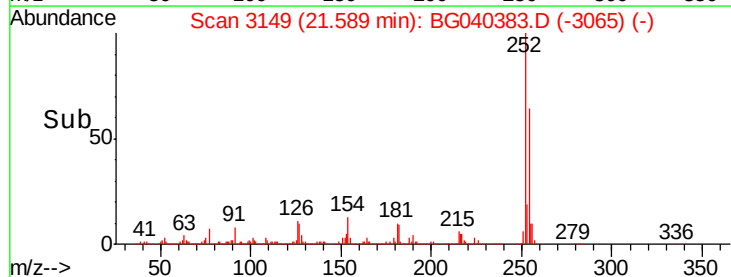
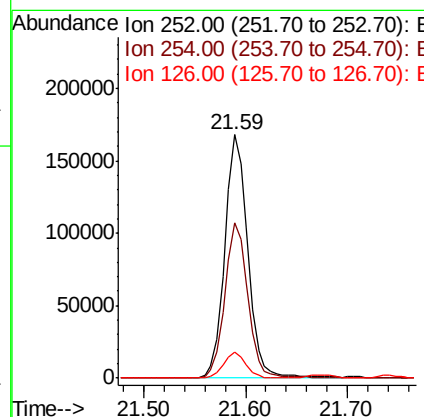
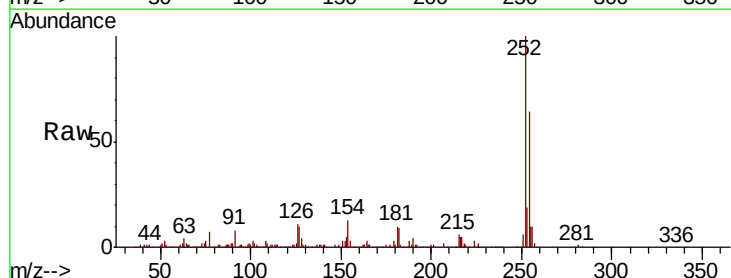
Instrument :
BNA_G
ClientSampleId :
PB118644BSD

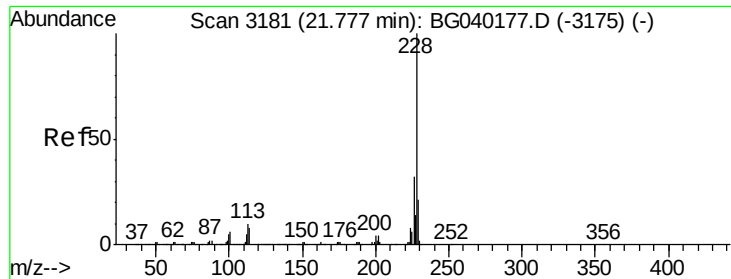
Tot Ion:228 Resp: 930907
Ion Ratio Lower Upper
228 100
226 28.9 22.6 34.0
229 21.4 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 30.107 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.04 min
Lab File: BG040383.D
Acq: 5 Apr 2019 19:06

Tgt Ion:252 Resp: 265482
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.2
126 10.9 8.5 12.7





#83

Chrysene

Concen: 41.212 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.04 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

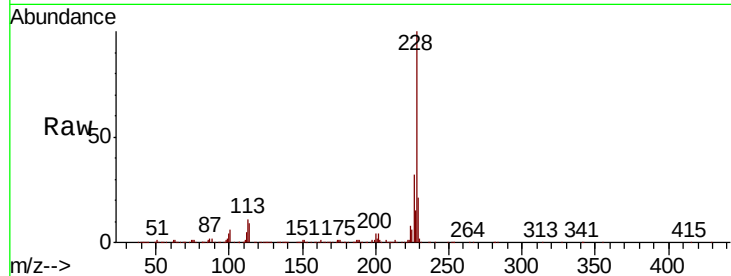
Tot Ion:228 Resp: 918094

Ion Ratio Lower Upper

228 100

226 32.4 25.4 38.0

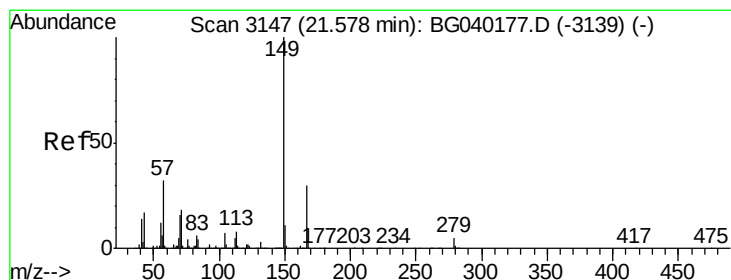
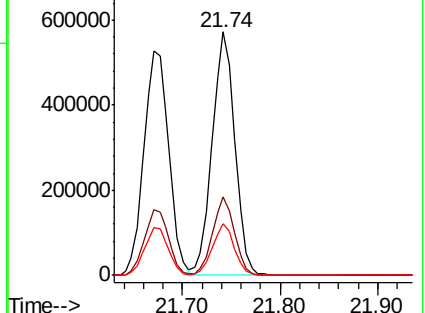
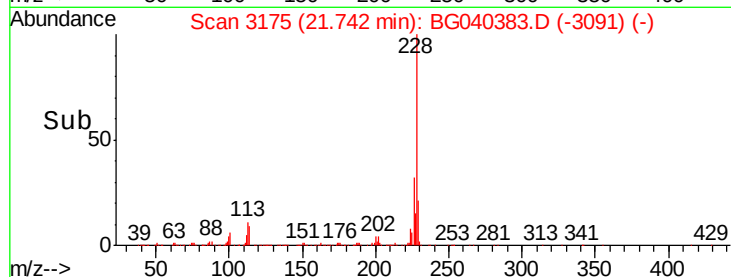
229 21.0 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.458 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.04 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

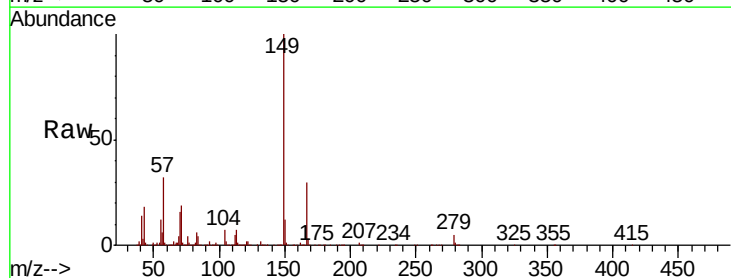
Tgt Ion:149 Resp: 612461

Ion Ratio Lower Upper

149 100

167 29.8 24.1 36.1

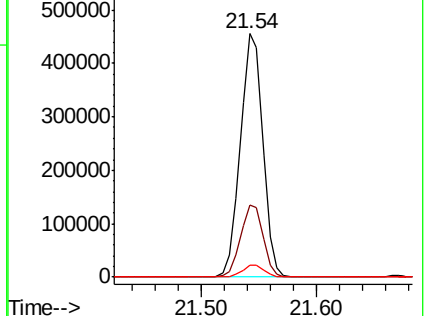
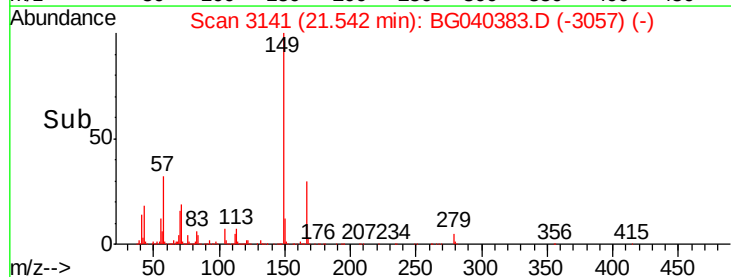
279 4.7 4.1 6.1

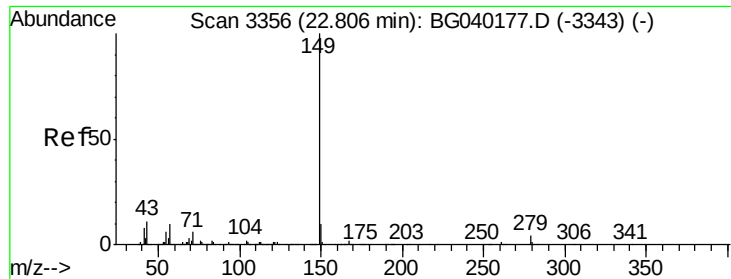


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.074 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

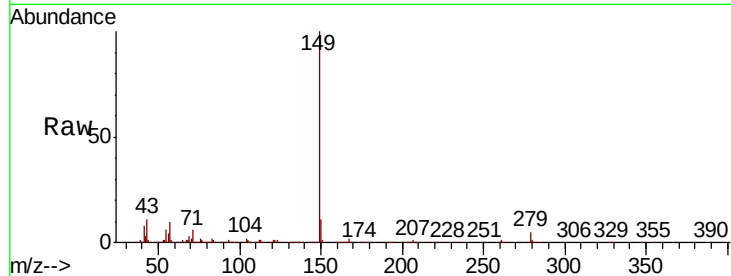
Tot Ion:149 Resp: 1059376

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

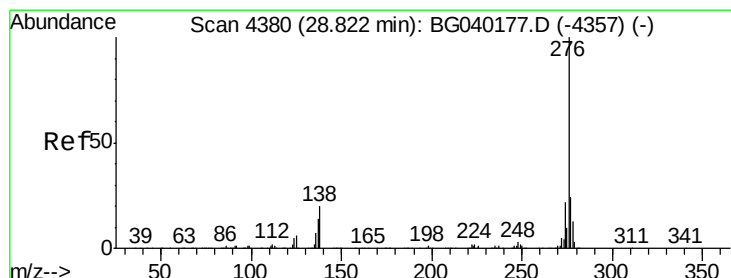
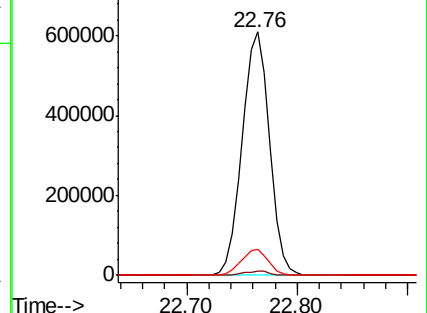
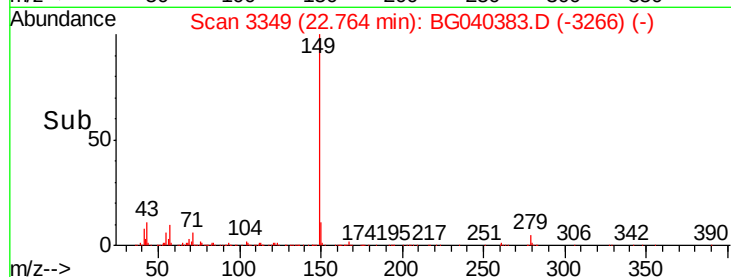
43 10.6 8.7 13.1



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.919 ng

RT: 28.74 min Scan# 4366

Delta R.T. -0.08 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

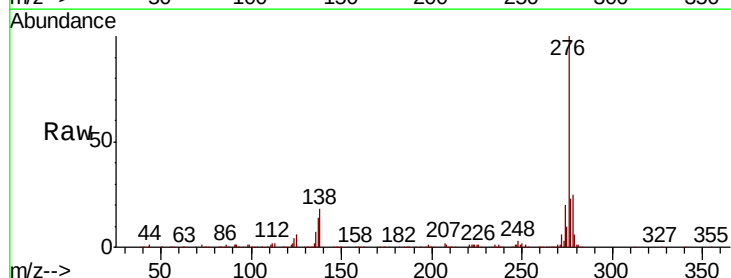
Tgt Ion:276 Resp: 1142154

Ion Ratio Lower Upper

276 100

138 23.5 18.8 28.2

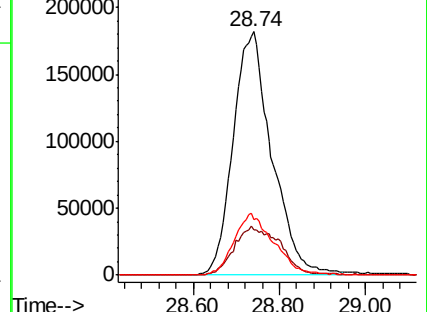
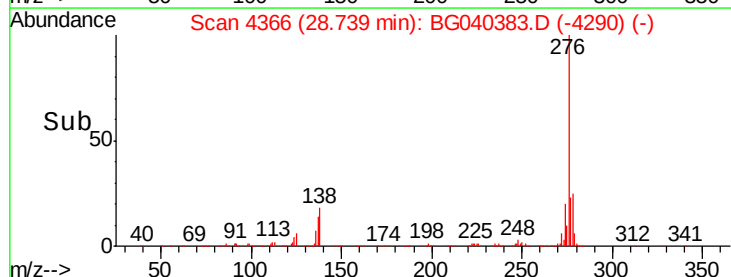
277 25.9 21.0 31.4

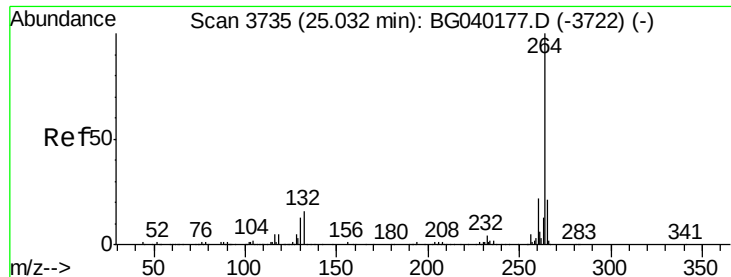


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3724

Delta R.T. -0.06 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

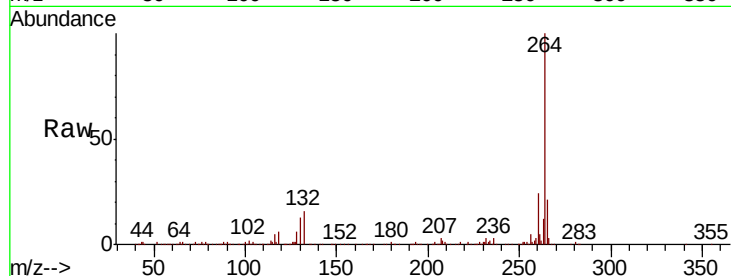
Tot Ion:264 Resp: 371932

Ion Ratio Lower Upper

264 100

260 24.0 17.9 26.9

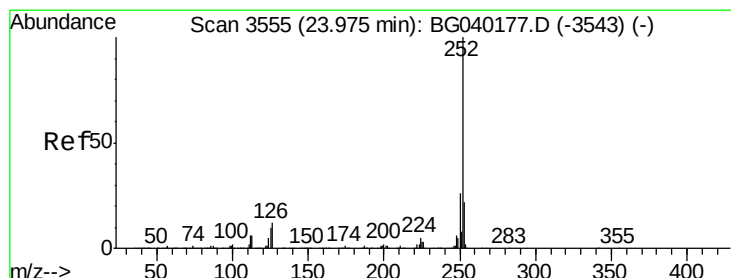
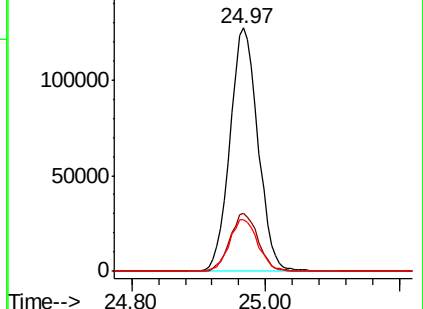
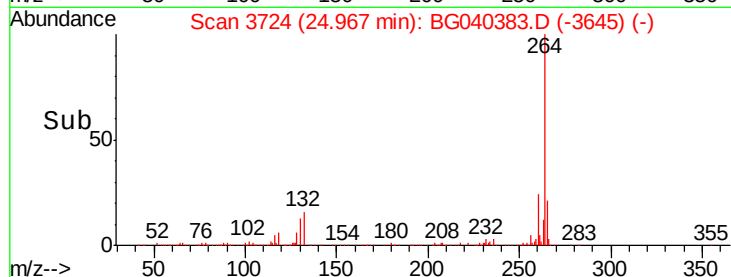
265 21.4 16.8 25.2



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: 44.091 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

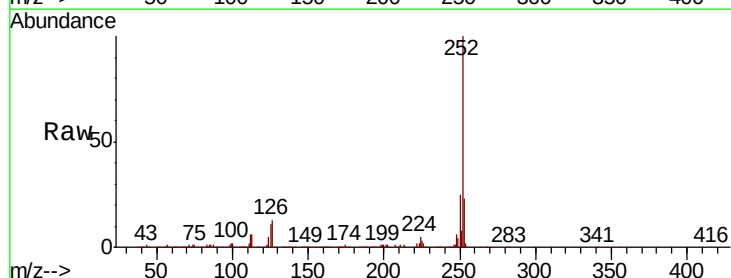
Tgt Ion:252 Resp: 1003998

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

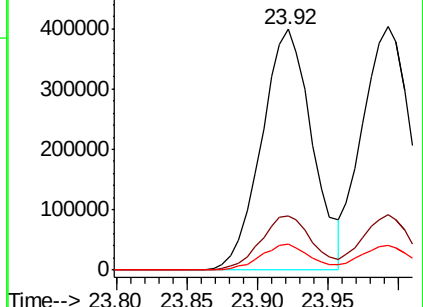
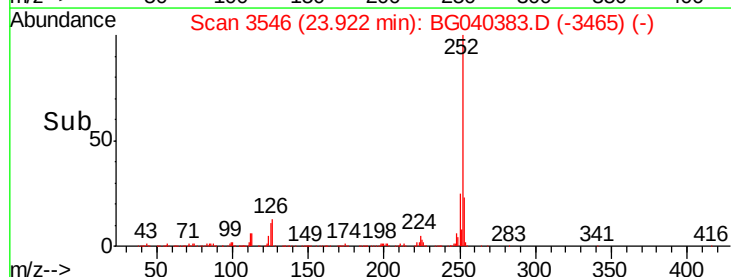
125 10.9 8.2 12.4

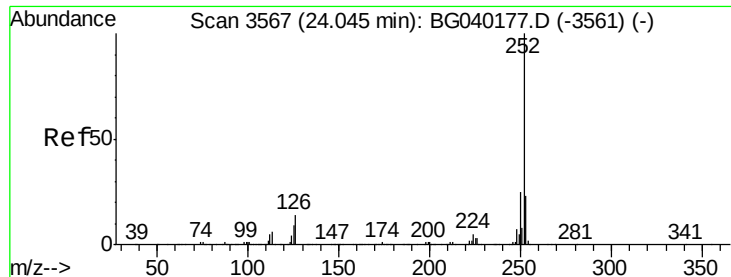


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.303 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.05 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

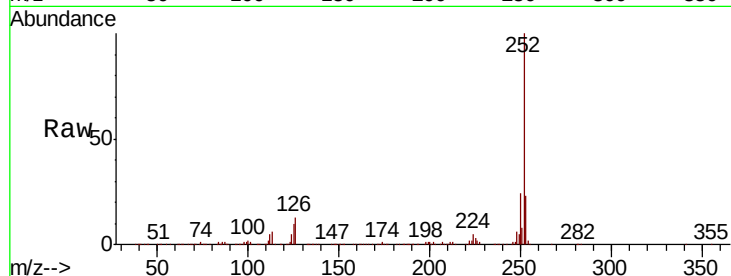
Tot Ion:252 Resp: 969606

Ion Ratio Lower Upper

252 100

253 22.7 18.6 28.0

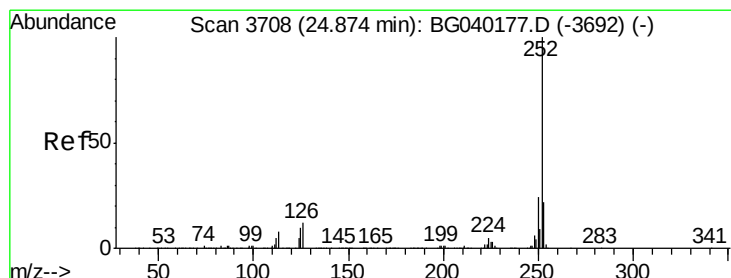
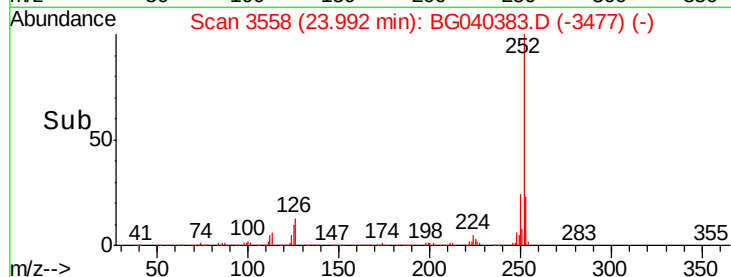
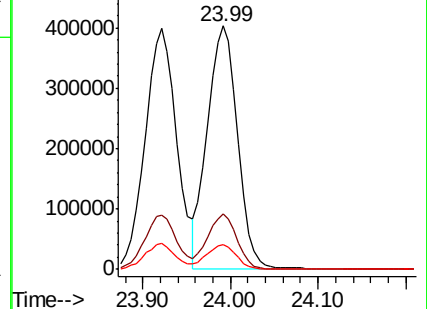
125 10.3 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.068 ng

RT: 24.81 min Scan# 3698

Delta R.T. -0.06 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

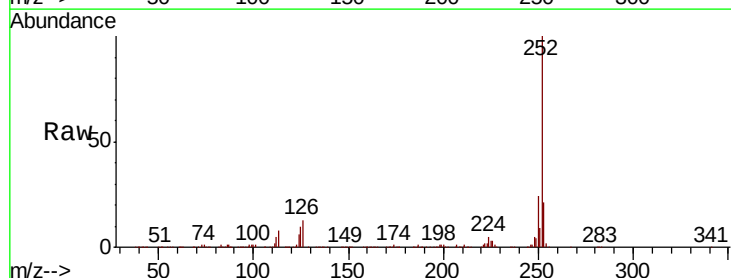
Tgt Ion:252 Resp: 984245

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

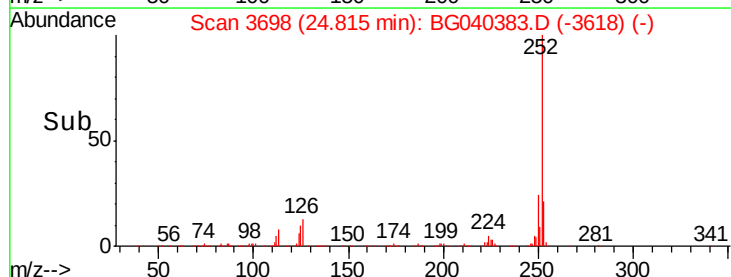
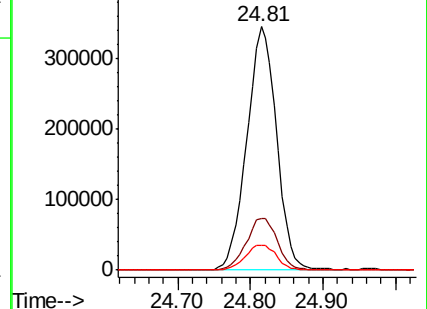
125 10.4 8.3 12.5

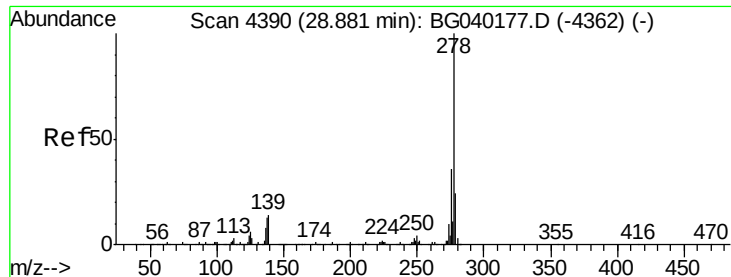


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.822 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.08 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

Instrument :

BNA_G

ClientSampleId :

PB118644BSD

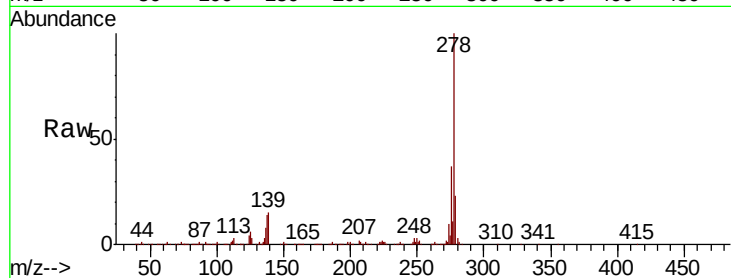
Tot Ion:278 Resp: 929085

Ion Ratio Lower Upper

278 100

139 14.7 11.2 16.8

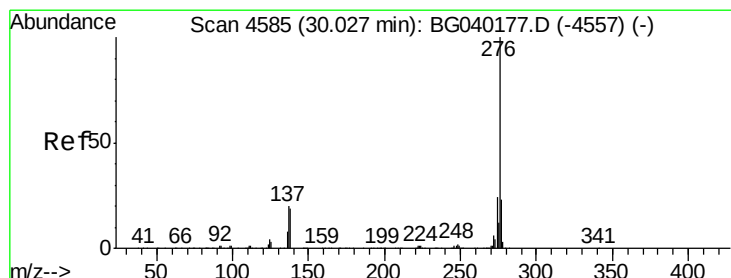
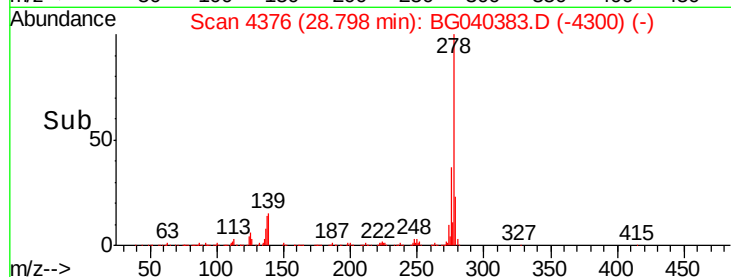
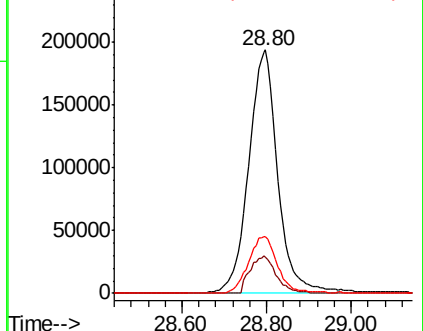
279 23.1 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.894 ng

RT: 29.91 min Scan# 4566

Delta R.T. -0.11 min

Lab File: BG040383.D

Acq: 5 Apr 2019 19:06

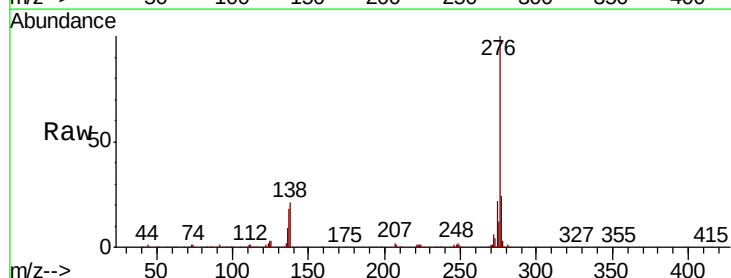
Tgt Ion:276 Resp: 956310

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 21.3 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

