

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021819\
 Data File : BG039542.D
 Acq On : 18 Feb 2019 16:47
 Operator : JU/SJ
 Sample : K1508-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-12-DMS

Quant Time: Feb 19 00:43:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54811	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	256130	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	178830	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	419399	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	411562	20.00	ng	-0.02
87) Perylene-d12	25.20	264	425040	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	282545	88.23	ng	0.00
7) Phenol-d6	7.32	99	435643	92.42	ng	0.00
23) Nitrobenzene-d5	9.34	82	252921	61.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	170504	88.54	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	649457	52.10	ng	-0.01
79) Terphenyl-d14	20.13	244	1006972	51.79	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	27932	19.939	ng	94
3) Pyridine	4.00	79	58252	15.706	ng	96
4) n-Nitrosodimethylamine	3.93	42	45403	24.478	ng	81
6) Aniline	7.49	93	143874	24.366	ng	98
8) 2-Chlorophenol	7.73	128	98369	28.100	ng	97
9) Benzaldehyde	7.31	77	69275	26.650	ng	94
10) Phenol	7.34	94	150477	30.622	ng	96
11) bis(2-Chloroethyl)ether	7.59	93	96385	24.823	ng	97
12) 1,3-Dichlorobenzene	8.06	146	100339	23.661	ng	95
13) 1,4-Dichlorobenzene	8.20	146	101771	24.077	ng	97
14) 1,2-Dichlorobenzene	8.52	146	99619	24.346	ng	97
15) Benzyl Alcohol	8.40	79	97883	26.449	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	187784	21.415	ng	97
17) 2-Methylphenol	8.60	107	86684	27.259	ng	96
18) Hexachloroethane	9.25	117	35040	24.096	ng	90
19) n-Nitroso-di-n-propylamine	8.97	70	81946	24.492	ng	91
20) 3+4-Methylphenols	8.93	107	123850	28.283	ng	98
22) Acetophenone	9.00	105	153390	22.295	ng	# 96
24) Nitrobenzene	9.39	77	120067	27.107	ng	99
25) Isophorone	9.90	82	231487	25.479	ng	97
26) 2-Nitrophenol	10.10	139	58591	36.951	ng	96
27) 2,4-Dimethylphenol	10.14	122	104063	28.314	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	141614	25.306	ng	99
29) 2,4-Dichlorophenol	10.63	162	113121	28.162	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	111892	24.811	ng	98
31) Naphthalene	11.04	128	329711	25.948	ng	99
32) Benzoic acid	10.20	122	7089	11.413	ng	# 85
33) 4-Chloroaniline	11.15	127	140987	23.930	ng	96
34) Hexachlorobutadiene	11.31	225	70428	23.483	ng	96
35) Caprolactam	11.92	113	33602	20.215	ng	# 77
36) 4-Chloro-3-methylphenol	12.25	107	124170	26.729	ng	98
37) 2-Methylnaphthalene	12.63	142	256081	27.211	ng	96
38) 1-Methylnaphthalene	12.85	142	243223	26.811	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	138856	24.404	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	163975	52.887	ng	97
43) 2,4,6-Trichlorophenol	13.23	196	94849	27.112	ng	96
44) 2,4,5-Trichlorophenol	13.30	196	104411	28.476	ng	99
46) 1,1'-Biphenyl	13.63	154	343071	23.057	ng	99
47) 2-Chloronaphthalene	13.68	162	265527	23.722	ng	97
48) 2-Nitroaniline	13.88	65	89868	31.415	ng	94
49) Acenaphthylene	14.52	152	439428	26.018	ng	98
50) Dimethylphthalate	14.24	163	395293	27.369	ng	100
51) 2,6-Dinitrotoluene	14.37	165	79971	32.137	ng	93
52) Acenaphthene	14.86	154	260097	23.724	ng	99
53) 3-Nitroaniline	14.70	138	74986	28.431	ng	# 93
54) 2,4-Dinitrophenol	14.90	184	49178	50.467	ng	95
55) Dibenzofuran	15.19	168	440082	25.036	ng	98
56) 4-Nitrophenol	15.00	139	120655	48.650	ng	90
57) 2,4-Dinitrotoluene	15.15	165	110568	34.590	ng	89
58) Fluorene	15.84	166	345537	26.369	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	102601	29.886	ng	96
60) Diethylphthalate	15.59	149	354699	23.753	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	181494	24.461	ng	95
62) 4-Nitroaniline	15.86	138	81949	28.891	ng	93
63) Azobenzene	16.12	77	322981	22.129	ng	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	50449	34.711	ng	96
66) n-Nitrosodiphenylamine	16.04	169	311743	24.446	ng	98
67) 4-Bromophenyl-phenylether	16.72	248	117026	25.152	ng	96
68) Hexachlorobenzene	16.83	284	119023	25.497	ng	96
69) Atrazine	16.97	200	112884	24.223	ng	96
70) Pentachlorophenol	17.17	266	136972	42.218	ng	99
71) Phenanthrene	17.58	178	565675	26.060	ng	100
72) Anthracene	17.67	178	574224	26.856	ng	100
73) Carbazole	17.94	167	492028	23.059	ng	98
74) Di-n-butylphthalate	18.47	149	600991	24.142	ng	99
75) Fluoranthene	19.58	202	658235	26.126	ng	99
77) Benzidine	19.76	184	102660	7.608	ng	98
78) Pyrene	19.94	202	665494	25.975	ng	99
80) Butylbenzylphthalate	20.81	149	272292	25.194	ng	93
81) Benzo(a)anthracene	21.80	228	645942	26.561	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	200727	22.260	ng	96
83) Chrysene	21.88	228	595751	25.734	ng	97
84) Bis(2-ethylhexyl)phthalate	21.67	149	385150	24.979	ng	99
85) Di-n-octyl phthalate	22.94	149	656383	25.767	ng	95
86) Indeno(1,2,3-cd)pyrene	29.09	276	643720	25.917	ng	98
88) Benzo(b)fluoranthene	24.19	252	589906	25.449	ng	98
89) Benzo(k)fluoranthene	24.19	252	589906	25.348	ng	98
90) Benzo(a)pyrene	25.05	252	593329	26.578	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	505219	24.166	ng	97
92) Benzo(g,h,i)perylene	30.32	276	518457	24.881	ng	97

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

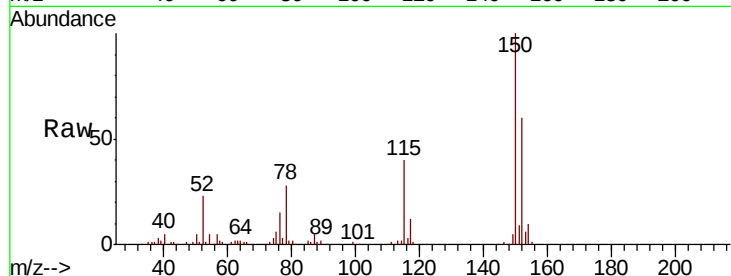


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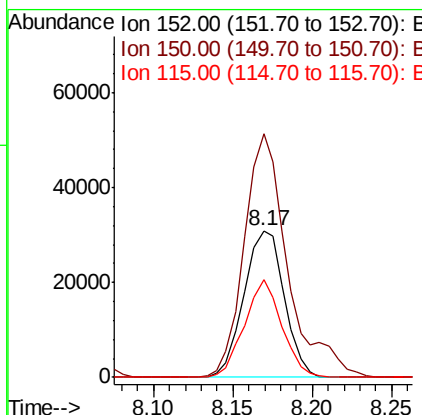
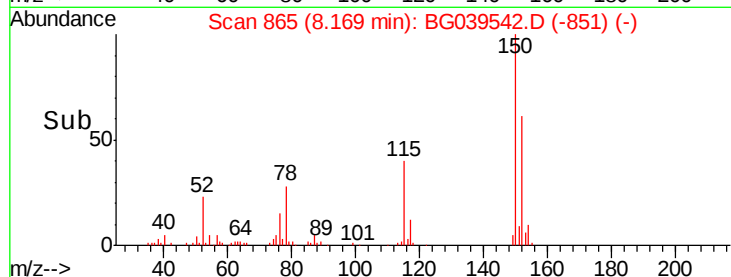
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Instrument :
BNA_G
ClientSampleId :
M-12-DMS

Tgt Ion:152 Resp: 54811
Ion Ratio Lower Upper
152 100
150 165.7 123.7 185.5
115 66.8 45.9 68.9



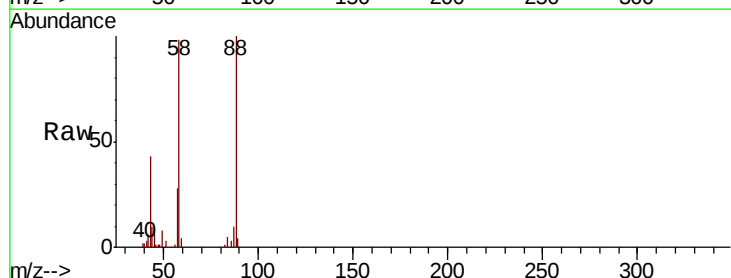
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



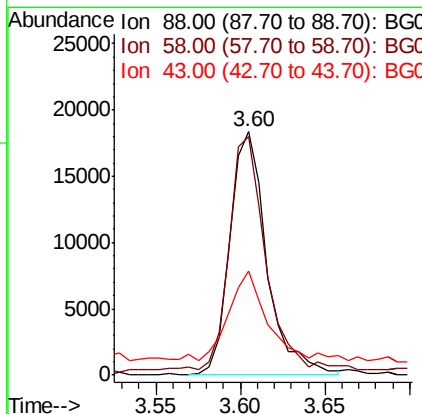
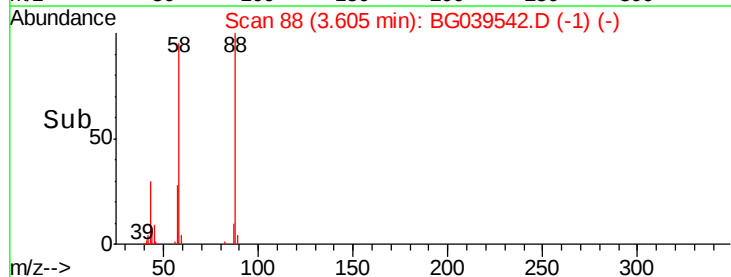
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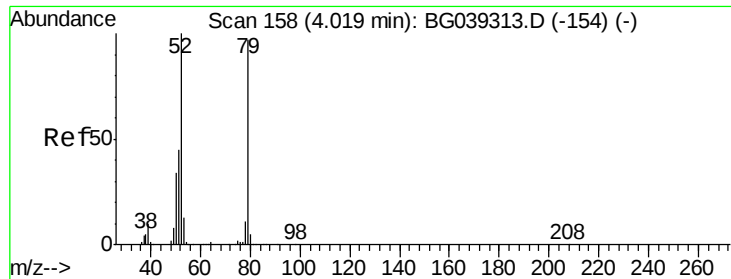
1,4-Dioxane
Concen: 19.939 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion: 88 Resp: 27932
Ion Ratio Lower Upper
88 100
58 95.0 81.1 121.7
43 36.2 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 15.706 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

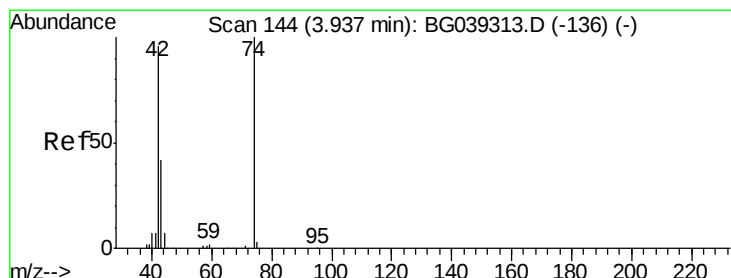
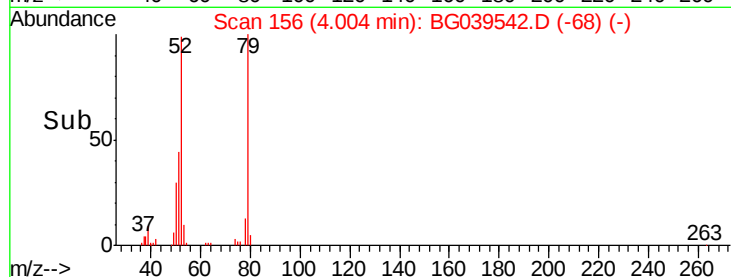
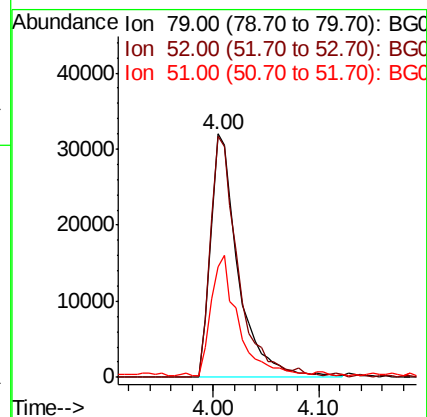
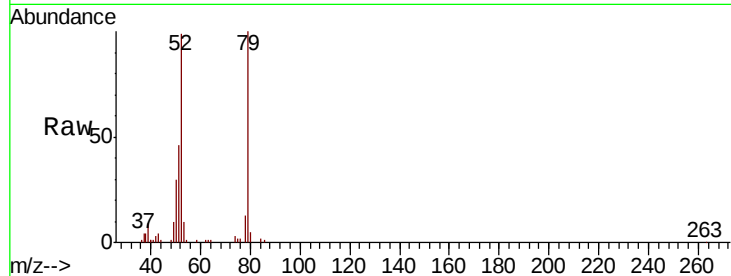
Tgt Ion: 79 Resp: 58252

Ion Ratio Lower Upper

79 100

52 98.9 82.6 124.0

51 45.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 24.478 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

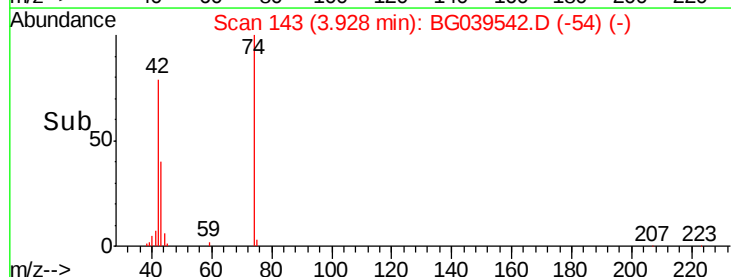
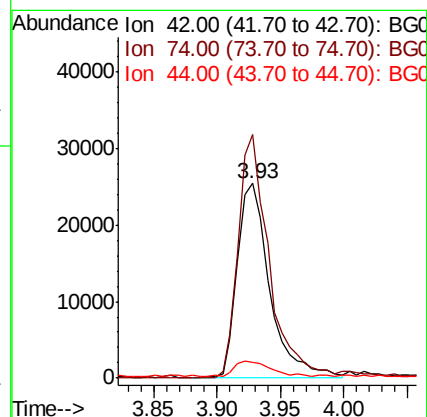
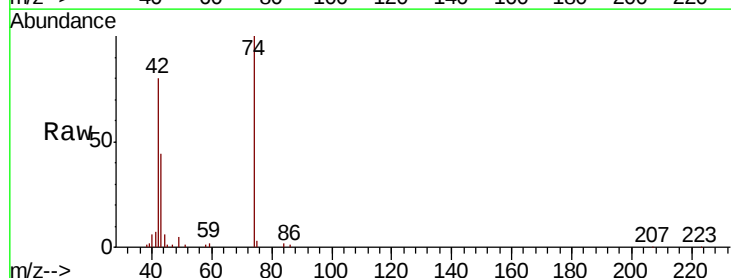
Tgt Ion: 42 Resp: 45403

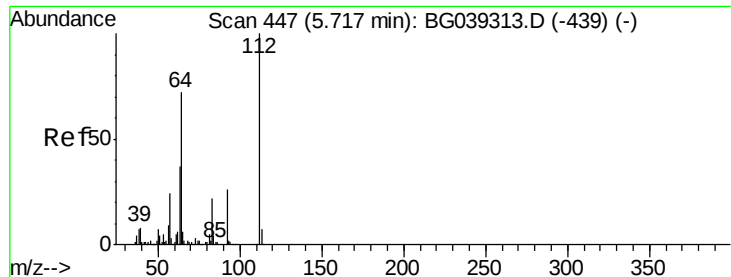
Ion Ratio Lower Upper

42 100

74 125.1 83.6 125.4

44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 88.226 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

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ClientSampleId :

M-12-DMS

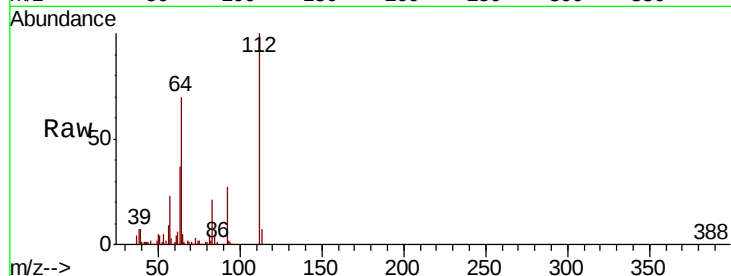
Tgt Ion: 112 Resp: 282545

Ion Ratio Lower Upper

112 100

64 69.6 57.8 86.8

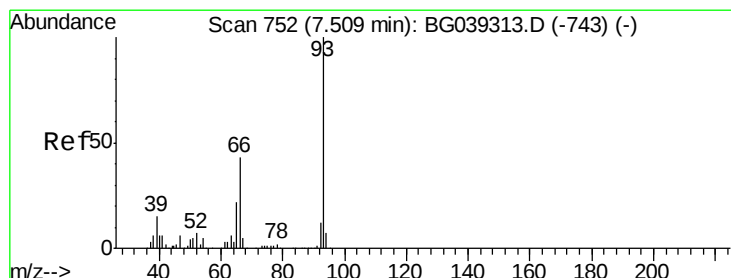
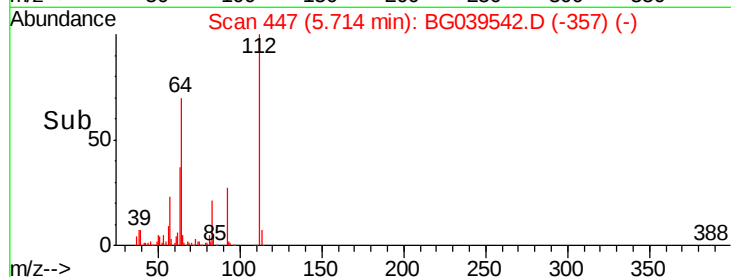
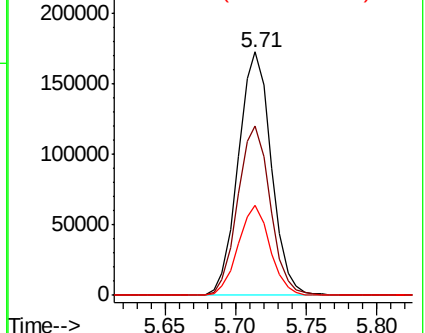
63 36.8 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.366 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

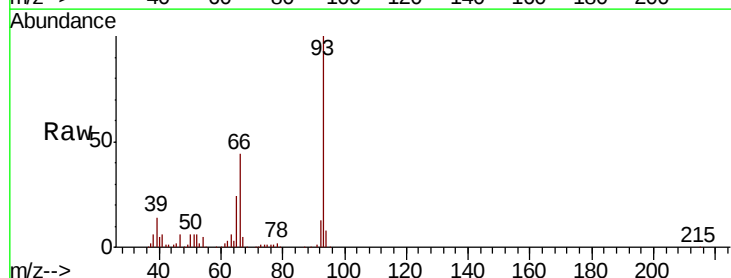
Tgt Ion: 93 Resp: 143874

Ion Ratio Lower Upper

93 100

66 43.7 34.2 51.4

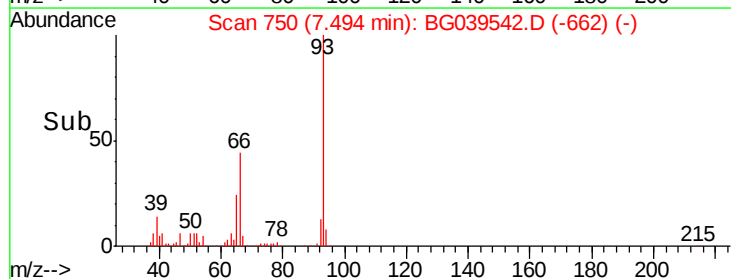
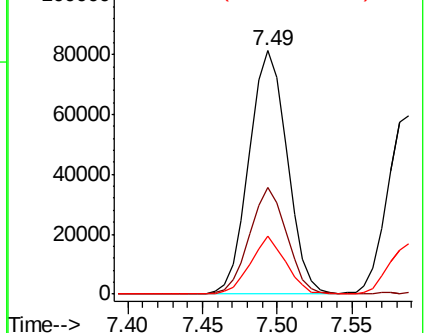
65 23.6 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.415 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

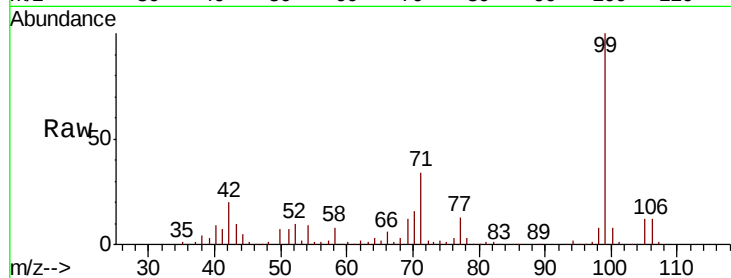
Tgt Ion: 99 Resp: 435643

Ion Ratio Lower Upper

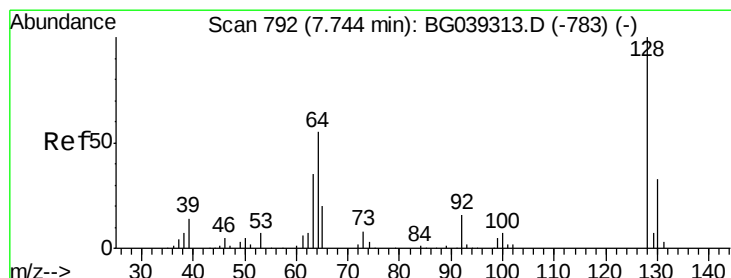
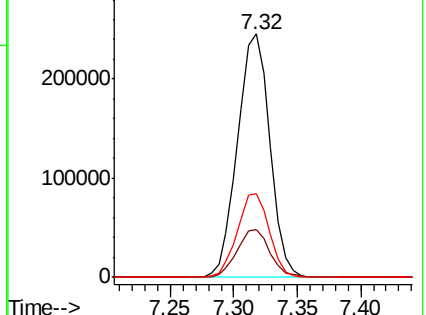
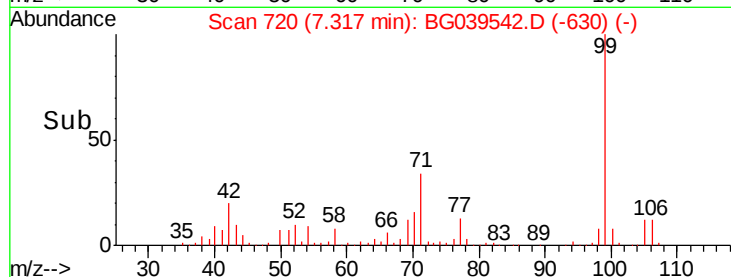
99 100

42 19.9 18.2 27.2

71 34.4 28.0 42.0



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



#8

2-Chlorophenol

Concen: 28.100 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

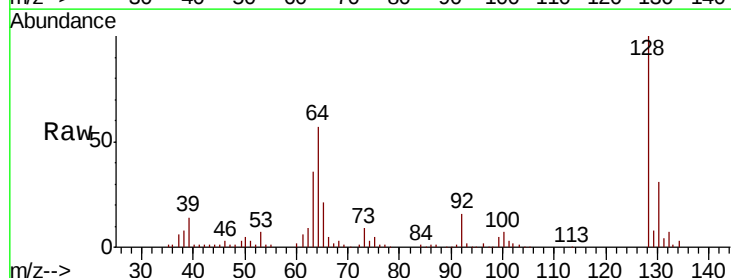
Tgt Ion: 128 Resp: 98369

Ion Ratio Lower Upper

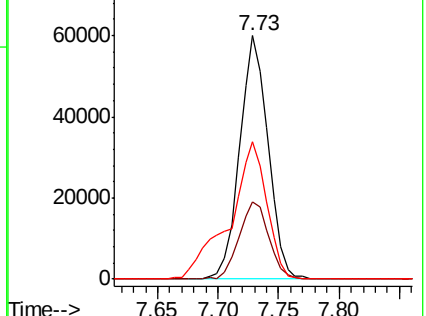
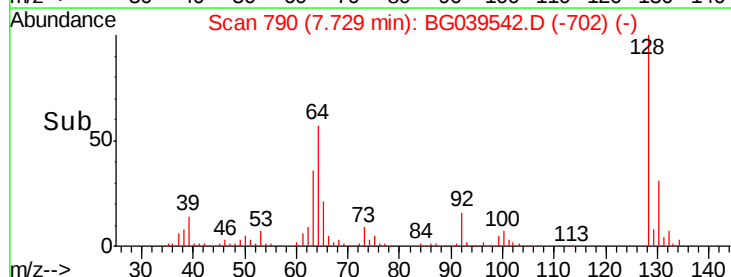
128 100

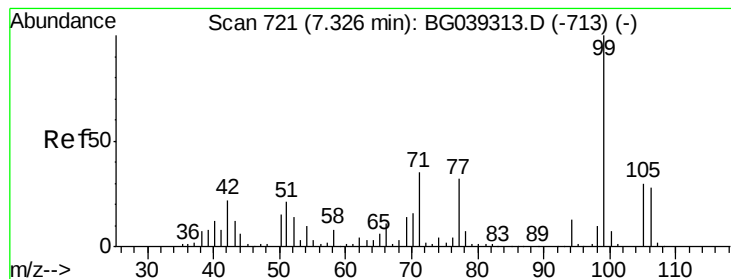
130 31.5 12.9 52.9

64 56.7 38.7 78.7



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





#9

Benzaldehyde

Concen: 26.650 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

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M-12-DMS

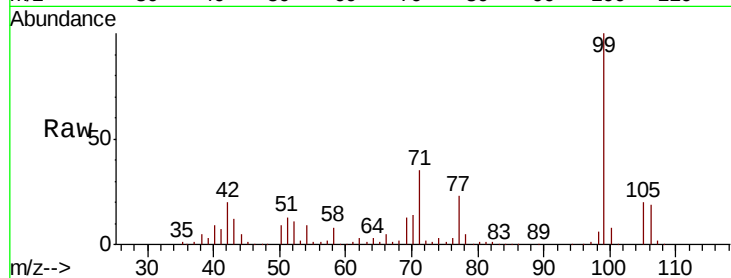
Tgt Ion: 77 Resp: 69275

Ion Ratio Lower Upper

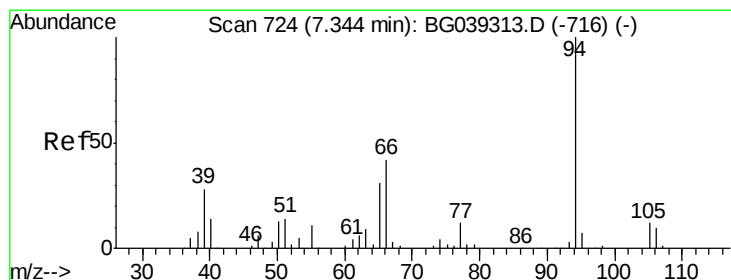
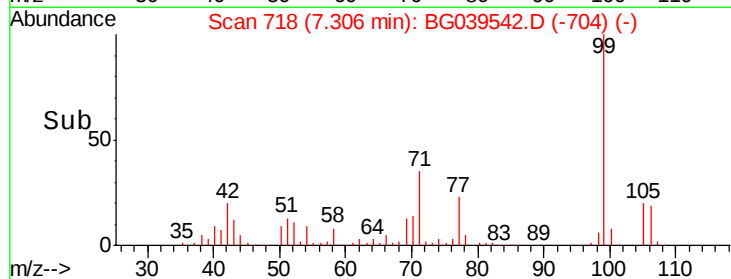
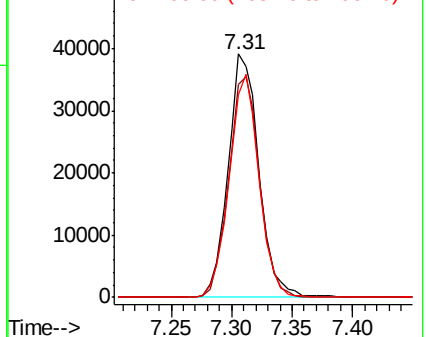
77 100

105 87.3 74.5 114.5

106 83.0 68.0 108.0



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



#10

Phenol

Concen: 30.622 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

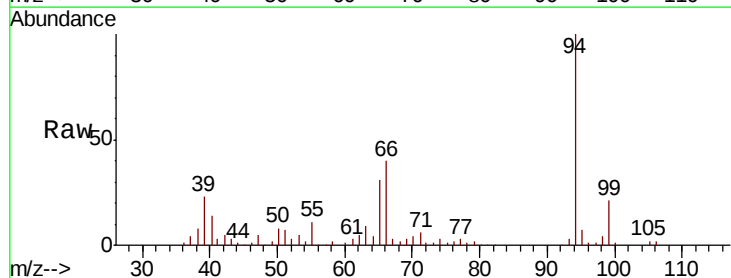
Tgt Ion: 94 Resp: 150477

Ion Ratio Lower Upper

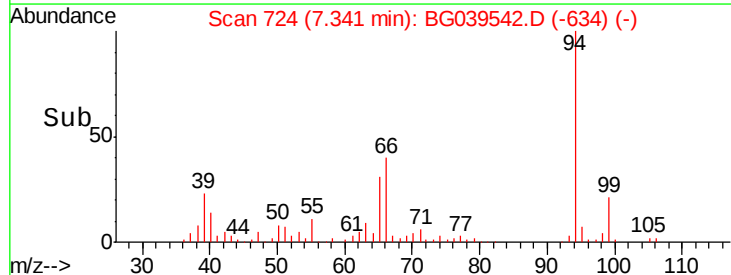
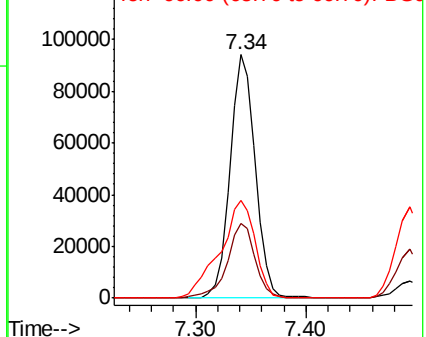
94 100

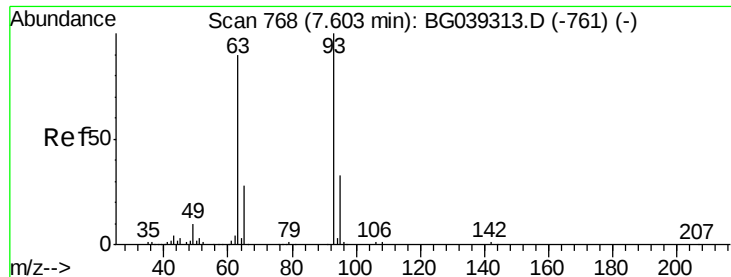
65 30.6 11.7 51.7

66 40.3 23.7 63.7



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





#11

bis(2-Chloroethyl)ether

Concen: 24.823 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

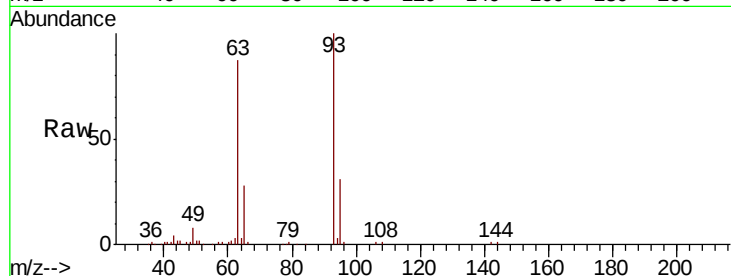
Tgt Ion: 93 Resp: 96385

Ion Ratio Lower Upper

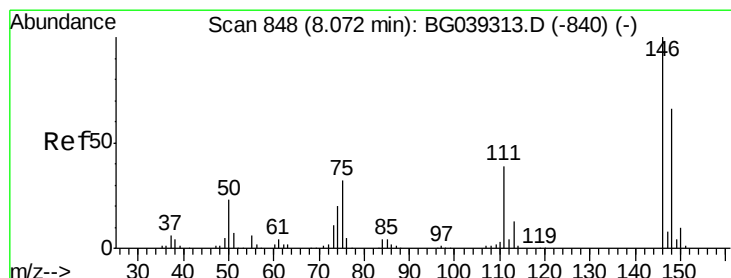
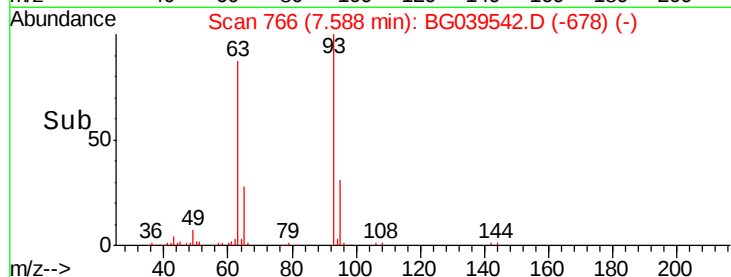
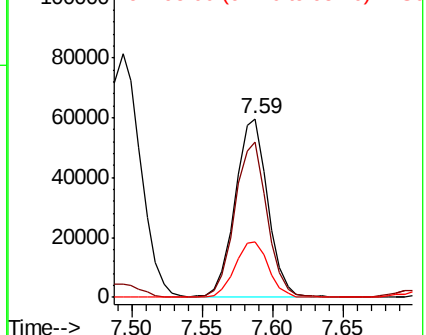
93 100

63 87.1 69.5 109.5

95 31.3 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 23.661 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

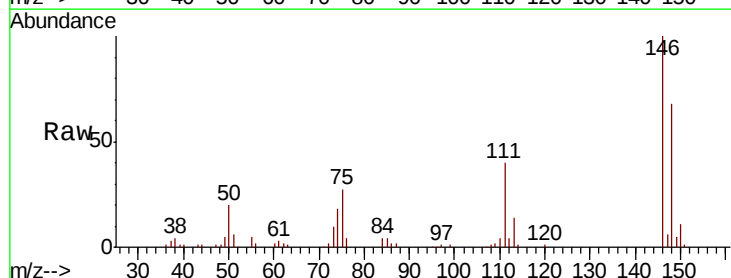
Tgt Ion: 146 Resp: 100339

Ion Ratio Lower Upper

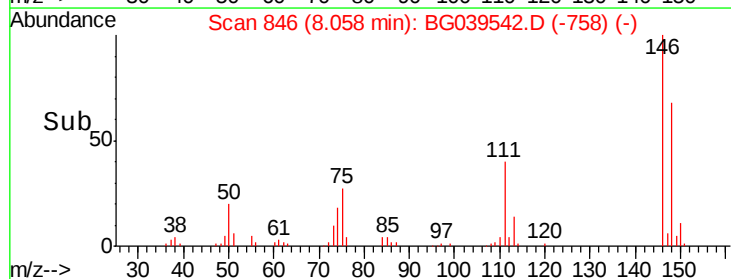
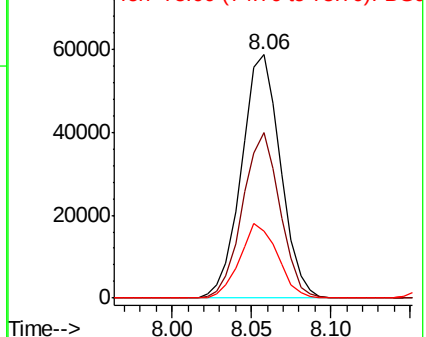
146 100

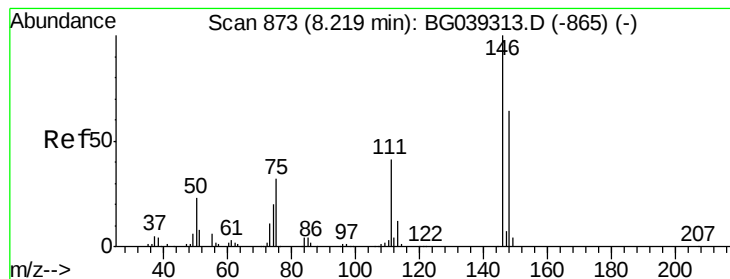
148 68.0 52.6 79.0

75 27.4 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 24.077 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

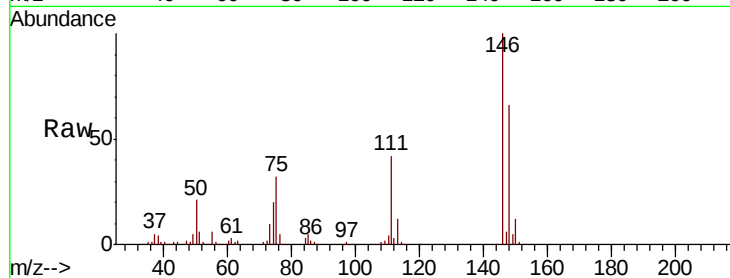
Tgt Ion:146 Resp: 101771

Ion Ratio Lower Upper

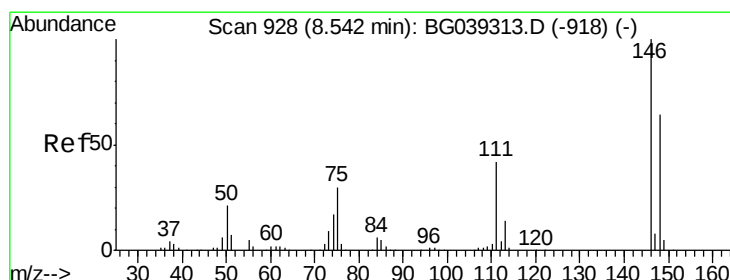
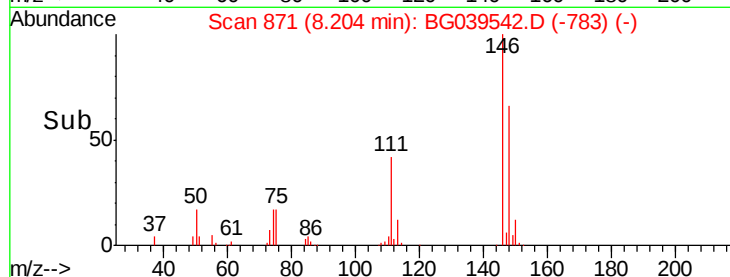
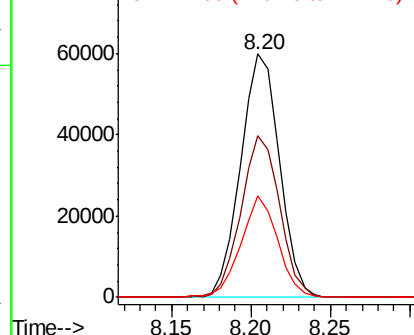
146 100

148 66.4 51.1 76.7

111 41.7 32.6 48.8



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



#14

1,2-Dichlorobenzene

Concen: 24.346 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

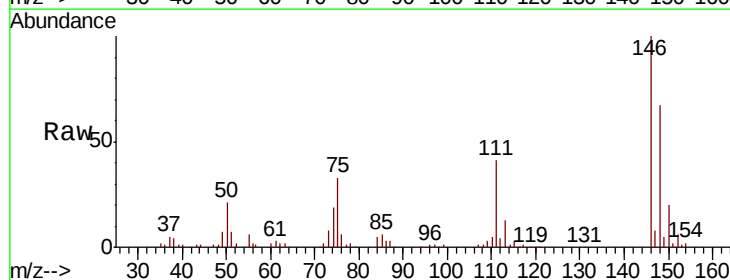
Tgt Ion:146 Resp: 99619

Ion Ratio Lower Upper

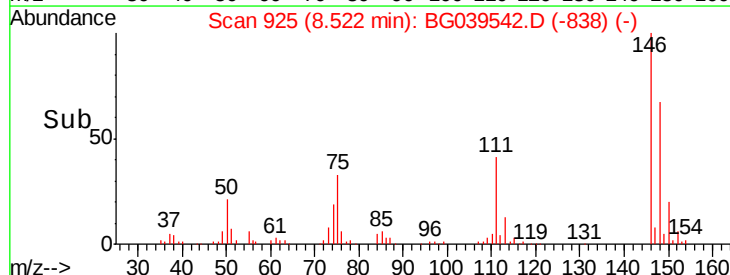
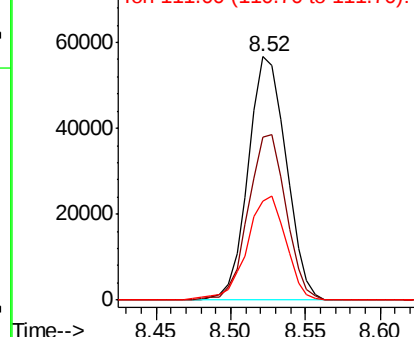
146 100

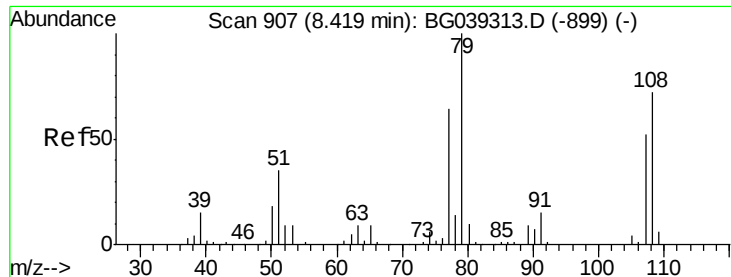
148 67.0 51.5 77.3

111 40.6 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 26.449 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

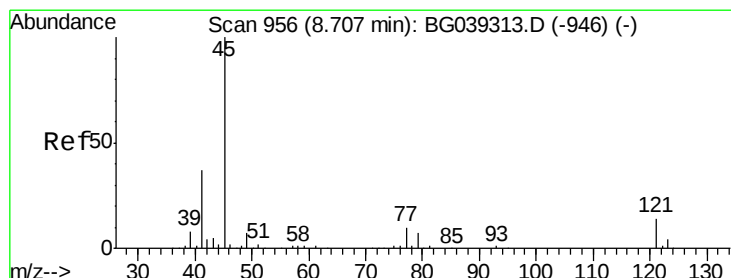
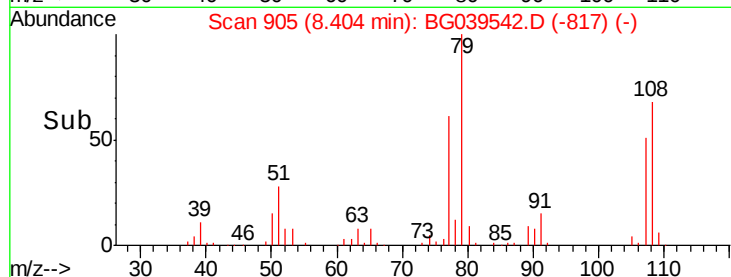
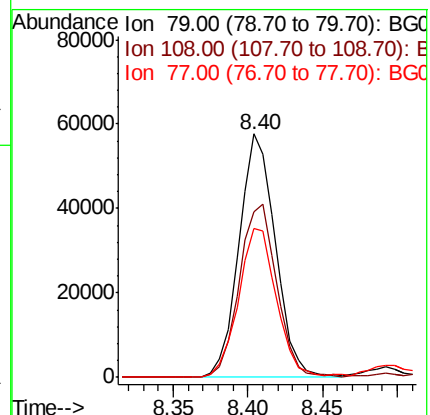
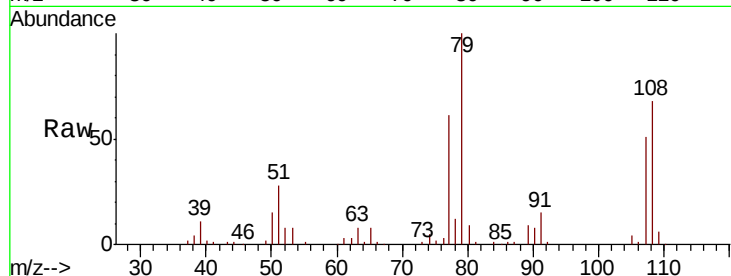
Tgt Ion: 79 Resp: 97883

Ion Ratio Lower Upper

79 100

108 68.0 57.8 86.6

77 61.4 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.415 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

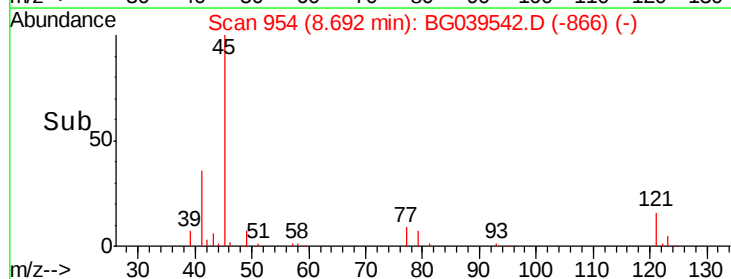
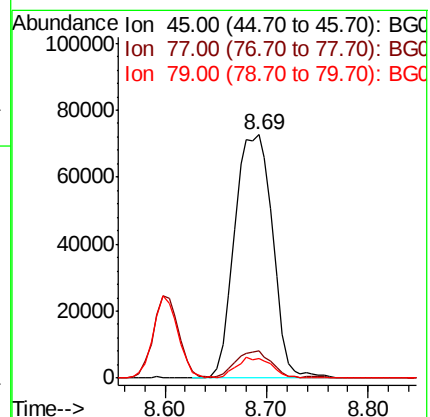
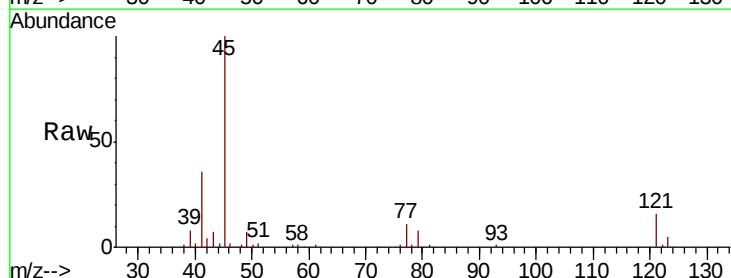
Tgt Ion: 45 Resp: 187784

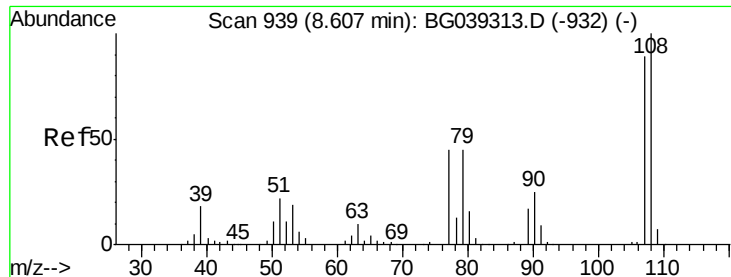
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.0

79 8.1 0.0 27.5

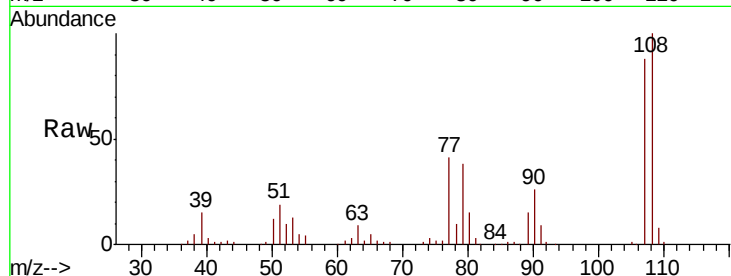




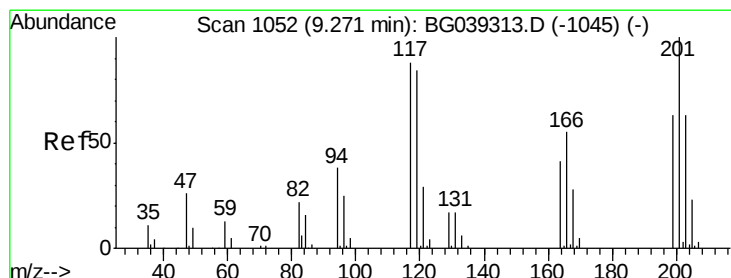
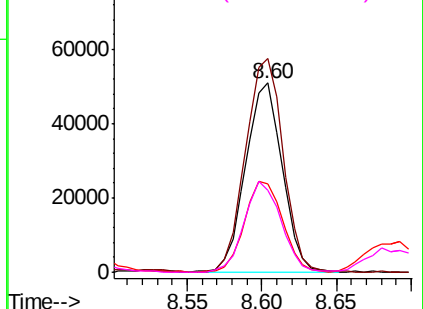
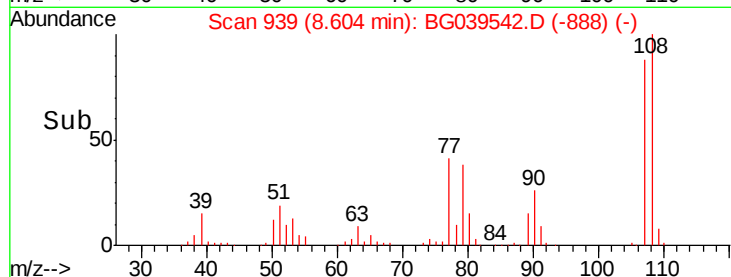
#17
2-Methylphenol
Concen: 27.259 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Instrument :
BNA_G
ClientSampleId :
M-12-DMS

Tgt Ion:107 Resp: 86684
Ion Ratio Lower Upper
107 100
108 113.0 90.8 136.2
77 46.6 40.7 61.1
79 43.5 40.6 60.8

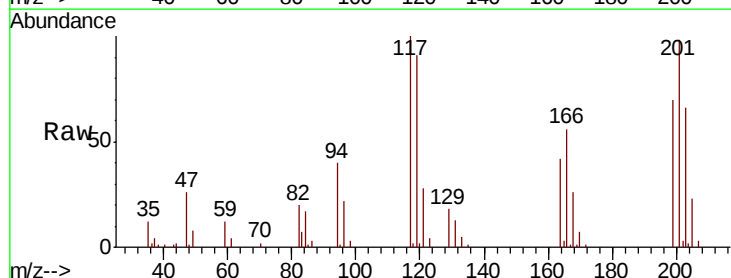


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

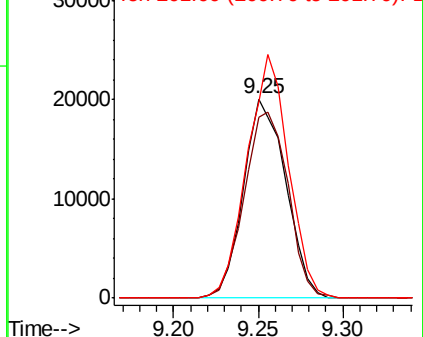
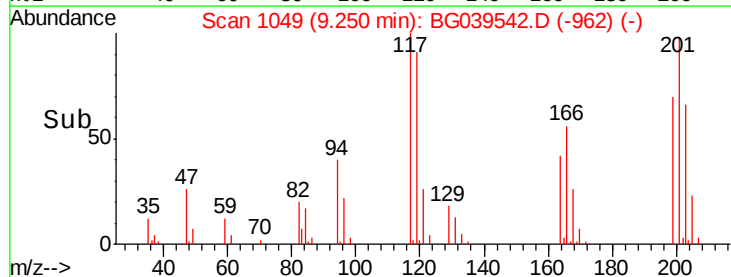


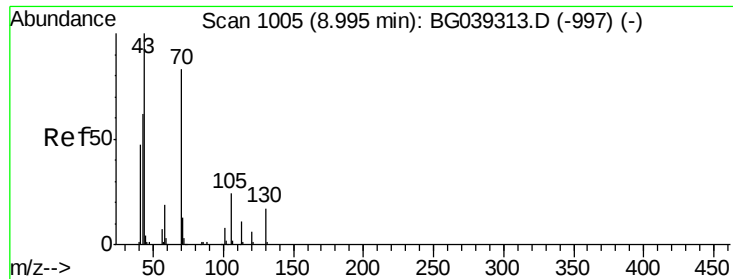
#18
Hexachloroethane
Concen: 24.096 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion:117 Resp: 35040
Ion Ratio Lower Upper
117 100
119 91.1 76.3 114.5
201 98.3 91.1 136.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

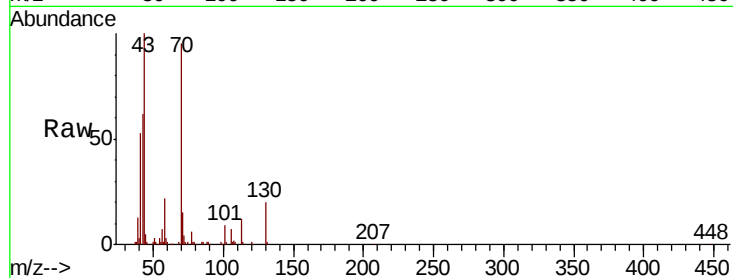




#19
n-Nitroso-di-n-propylamine
Concen: 24.492 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Instrument :
BNA_G
ClientSampleId :
M-12-DMS

Tgt Ion:	70	Resp:	81946
Ion	Ratio	Lower	Upper
70	100		
42	65.4	60.4	90.6
101	9.1	7.5	11.3
130	20.9	16.9	25.3



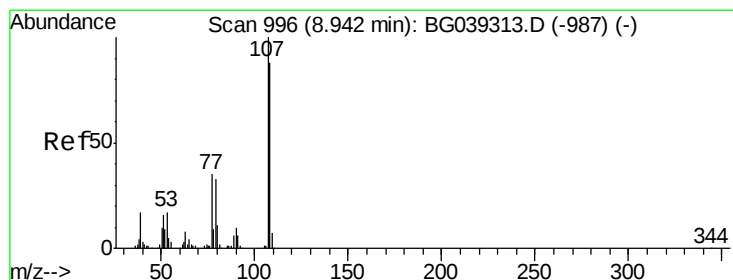
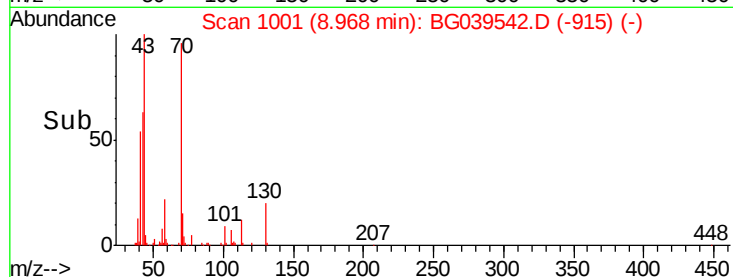
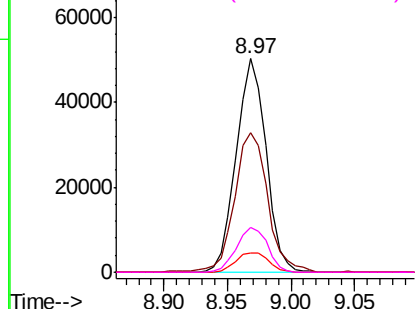
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

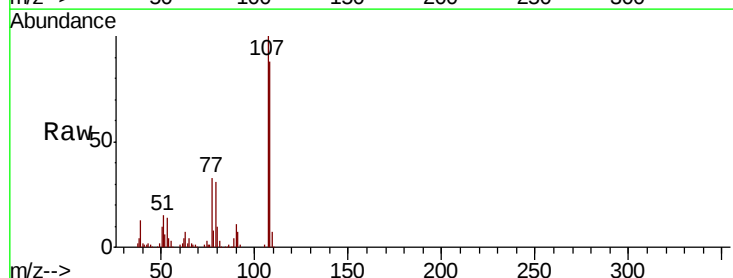
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 28.283 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion:	107	Resp:	123850
Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.9	107.9
77	33.1	15.4	55.4
79	30.8	13.7	53.7



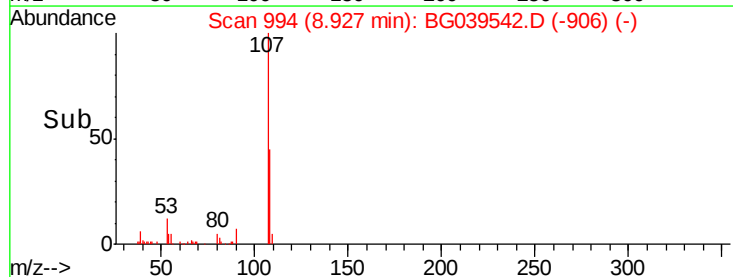
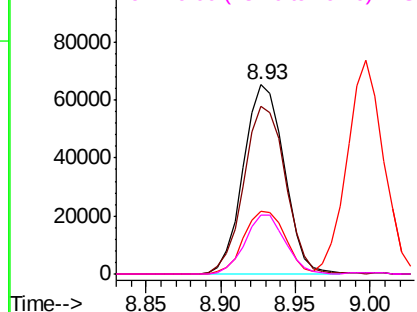
Abundance

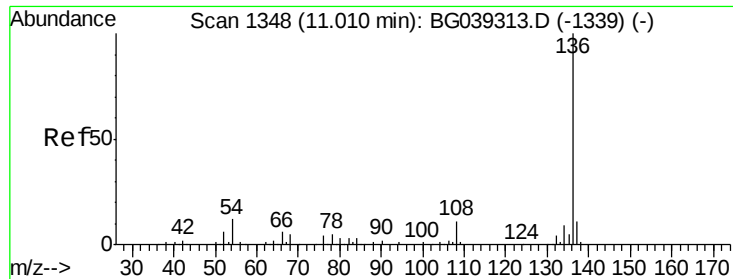
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

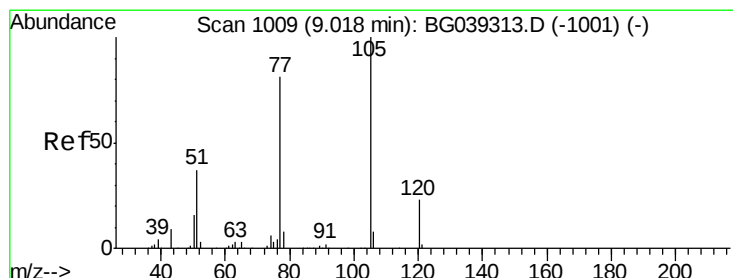
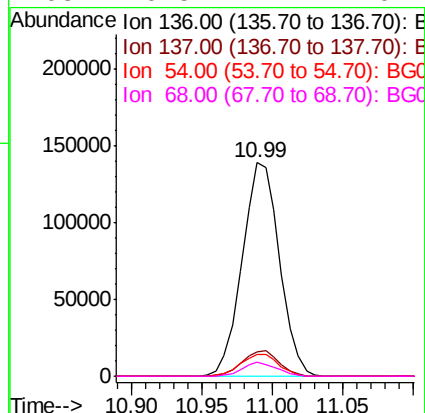
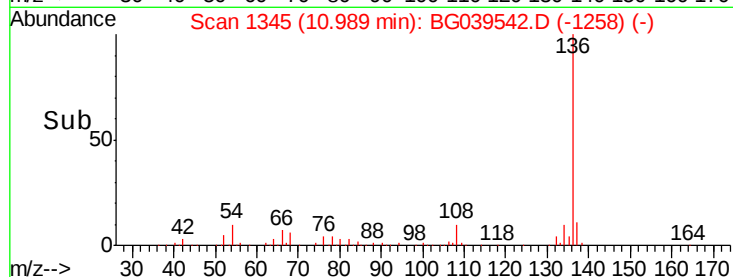
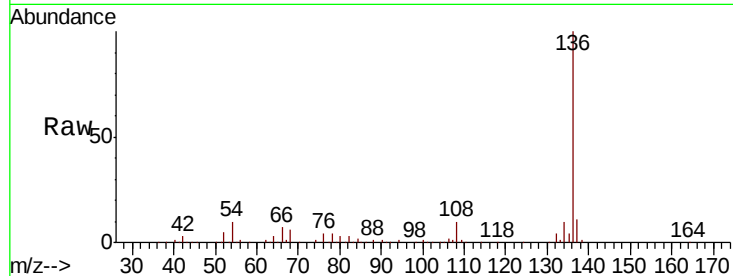




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

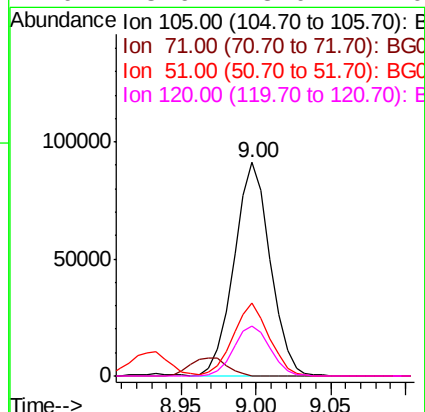
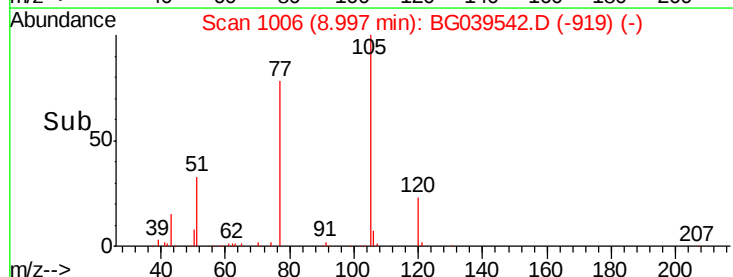
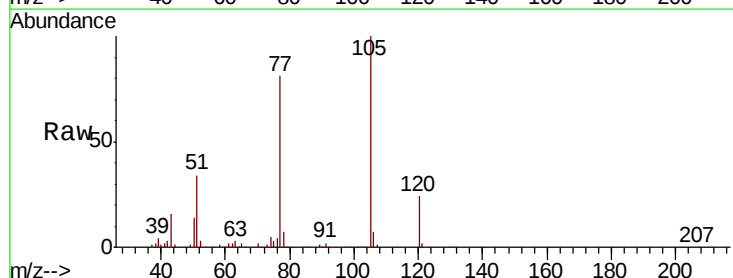
Instrument :
BNA_G
ClientSampleId :
M-12-DMS

Tgt Ion:	136	Resp:	256130
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.3	9.4	14.2
68	6.5	4.2	6.4#



#22
Acetophenone
Concen: 22.295 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion:	105	Resp:	153390
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	34.5	30.2	45.2
120	23.6	18.0	27.0

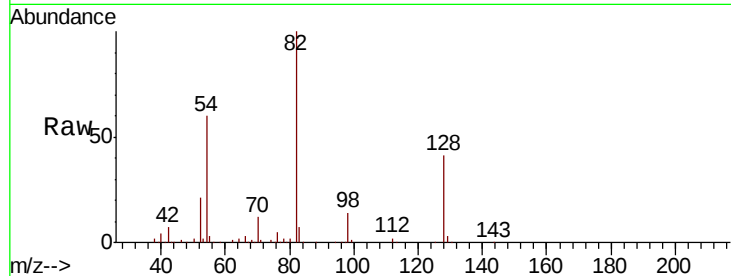




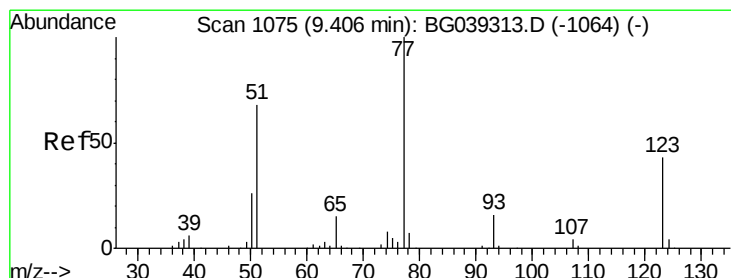
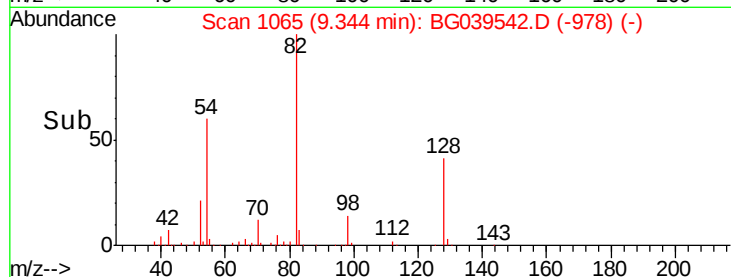
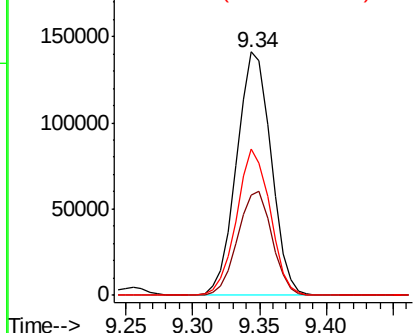
#23
Nitrobenzene-d5
Concen: 61.689 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Instrument :
BNA_G
ClientSampleId :
M-12-DMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.3	46.9
54	60.3	50.9	76.3

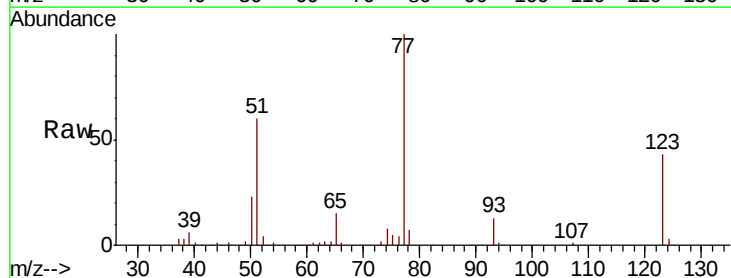


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

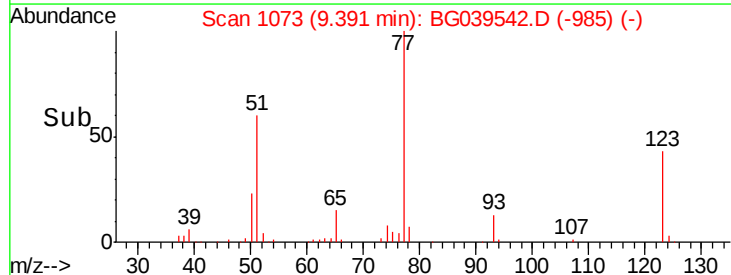
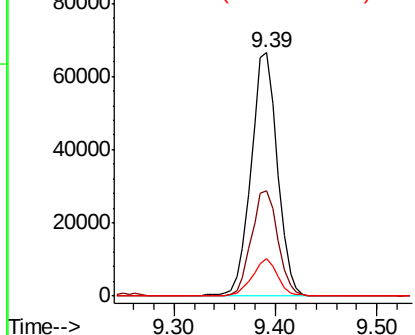


#24
Nitrobenzene
Concen: 27.107 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	34.1	51.1
65	15.3	12.3	18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 25.479 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

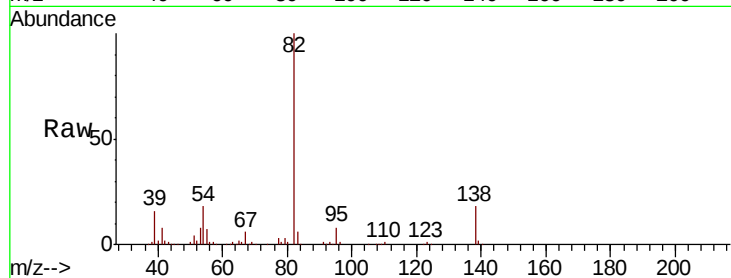
Tgt Ion: 82 Resp: 231487

Ion Ratio Lower Upper

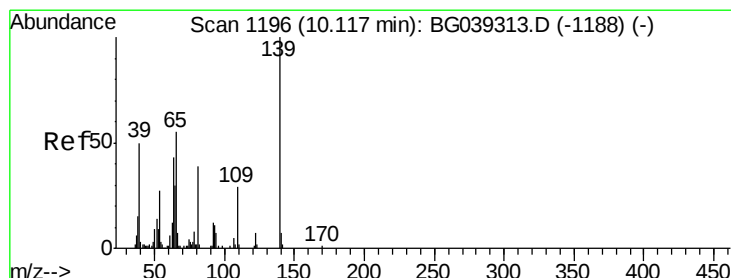
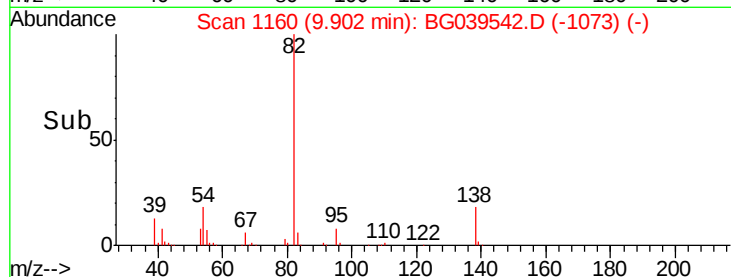
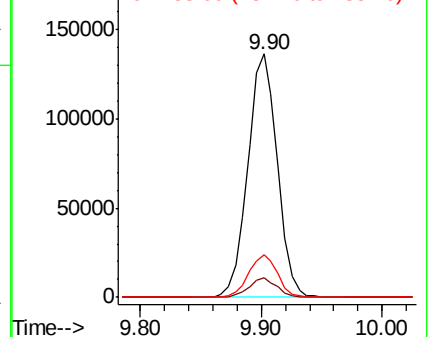
82 100

95 7.9 6.2 9.2

138 17.7 13.0 19.4



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: 36.951 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

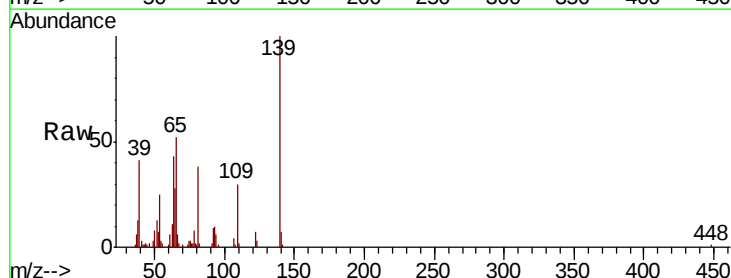
Tgt Ion: 139 Resp: 58591

Ion Ratio Lower Upper

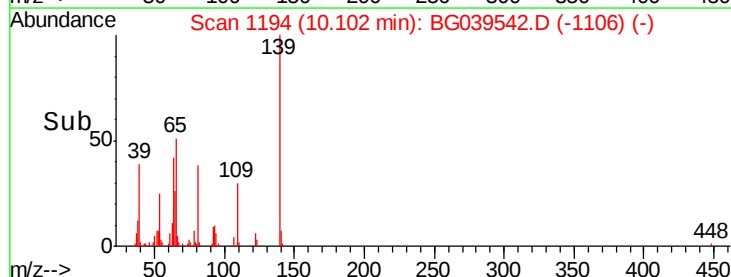
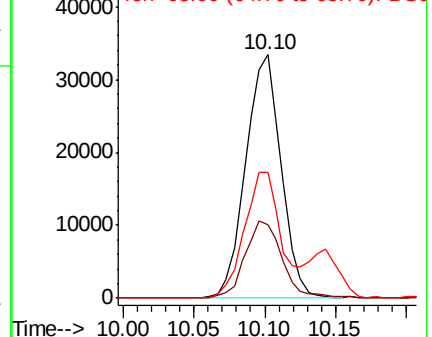
139 100

109 30.3 23.4 35.0

65 51.5 44.3 66.5



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

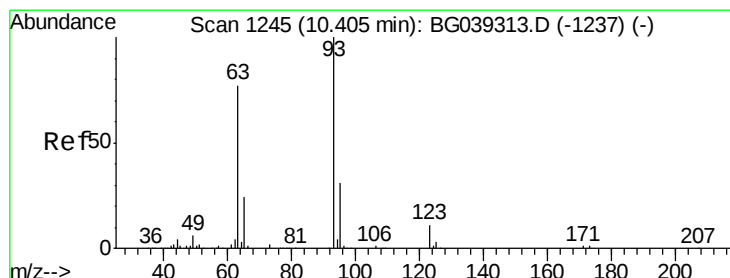
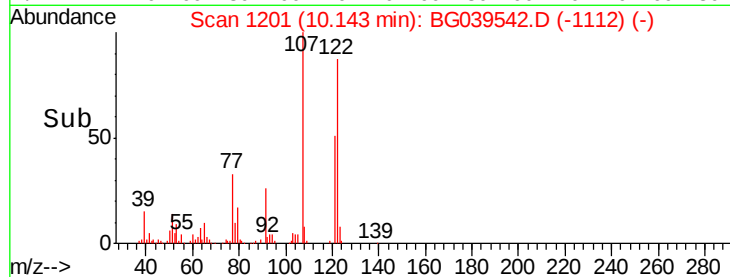
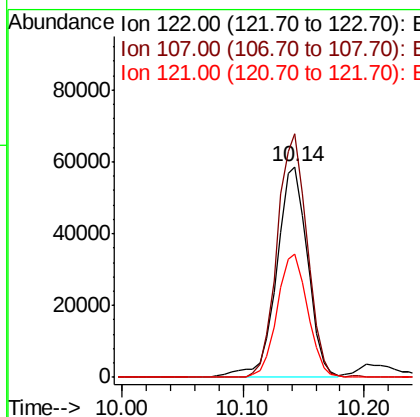
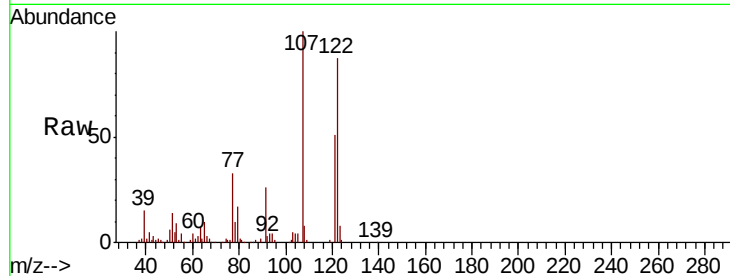




#27
 2,4-Dimethylphenol
 Concen: 28.314 ng
 RT: 10.14 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

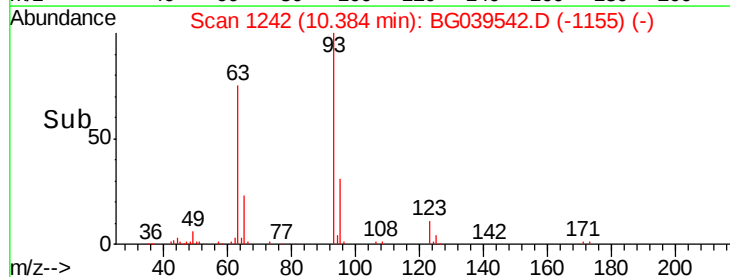
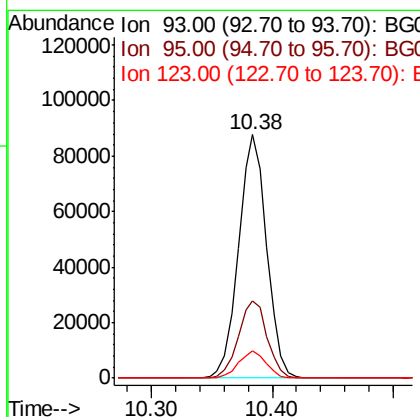
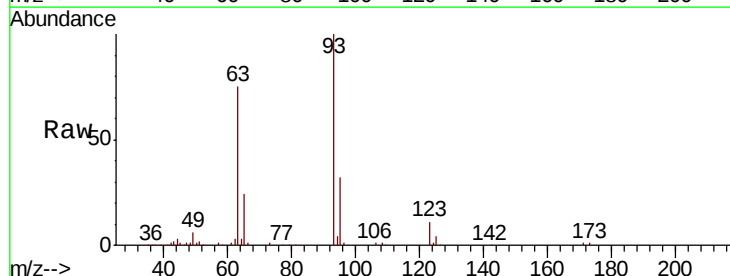
Instrument :
 BNA_G
 ClientSampleId :
 M-12-DMS

Tgt Ion: 122 Resp: 104063
 Ion Ratio Lower Upper
 122 100
 107 115.6 91.7 137.5
 121 58.7 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 25.306 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

Tgt Ion: 93 Resp: 141614
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.0 37.4
 123 11.2 8.6 12.8

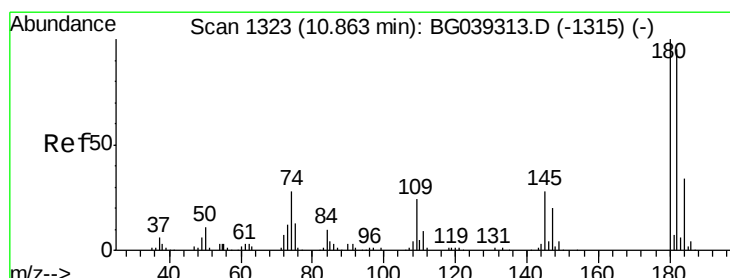
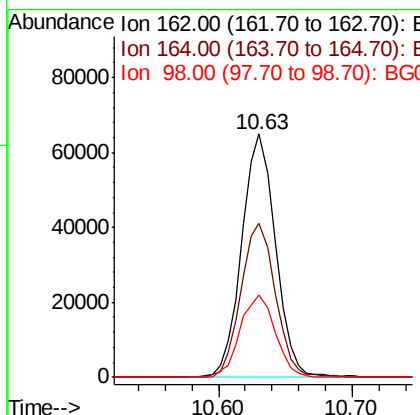
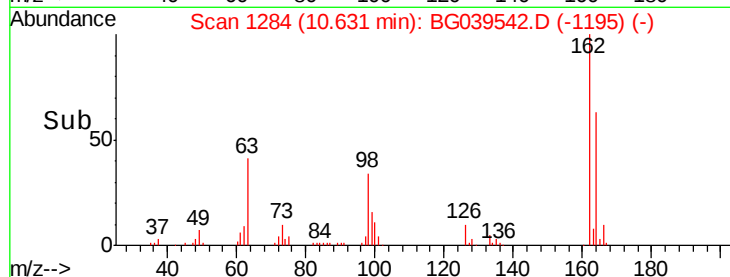
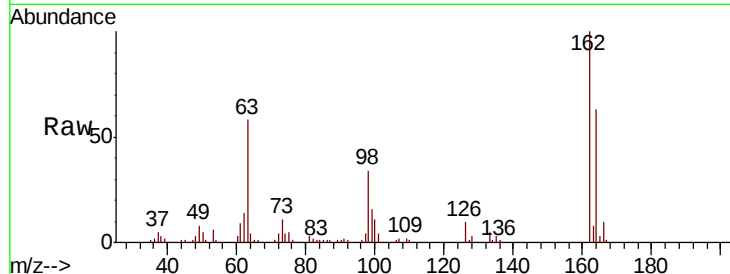




#29
 2,4-Dichlorophenol
 Concen: 28.162 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

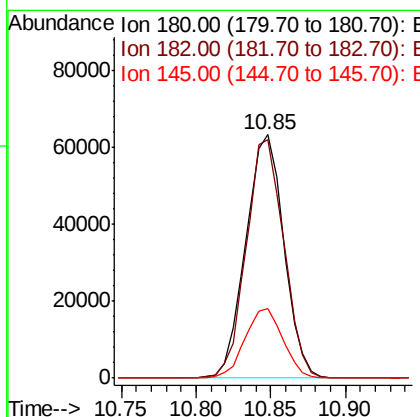
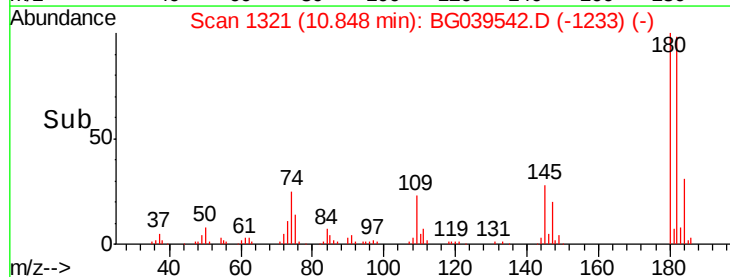
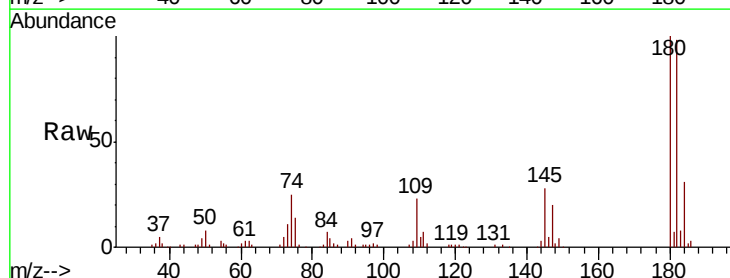
Instrument :
 BNA_G
 ClientSampleId :
 M-12-DMS

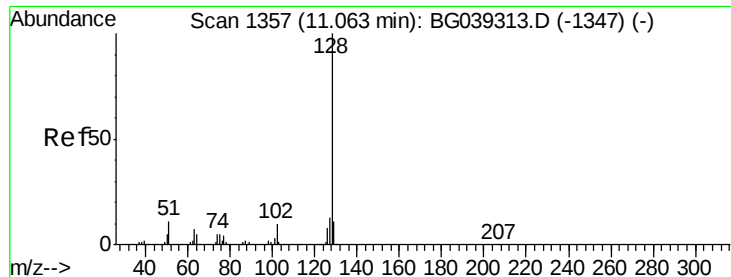
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	48.1	88.1
98	33.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 24.811 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.0	114.0
145	28.4	22.7	34.1

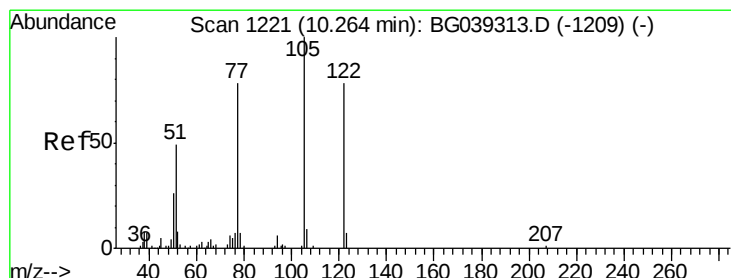
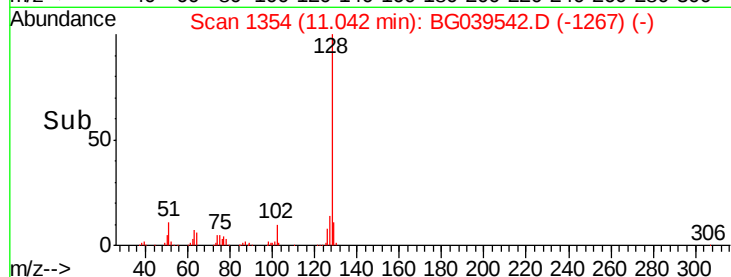
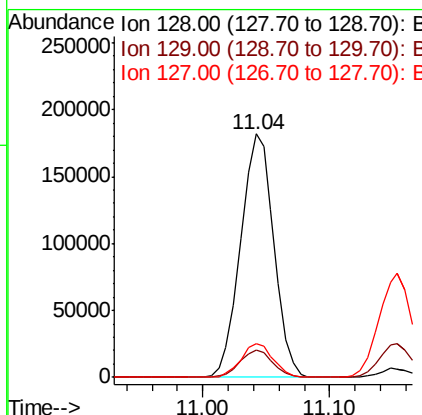
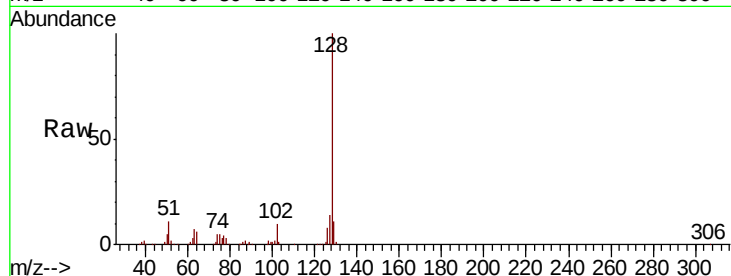




#31
Naphthalene
Concen: 25.948 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

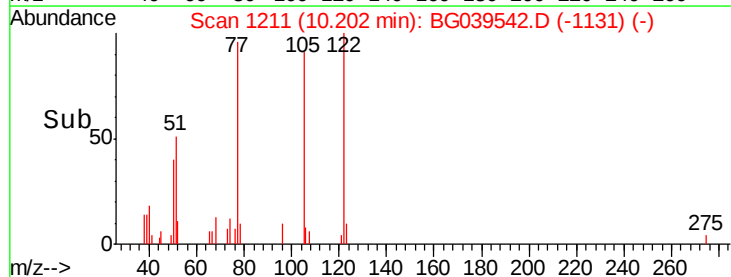
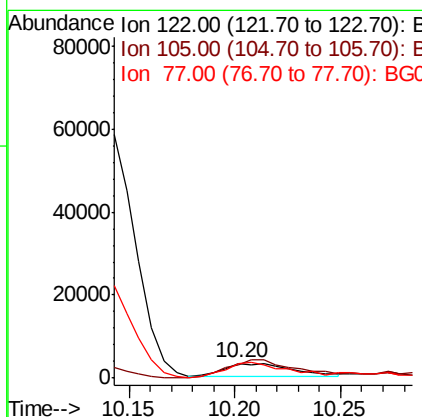
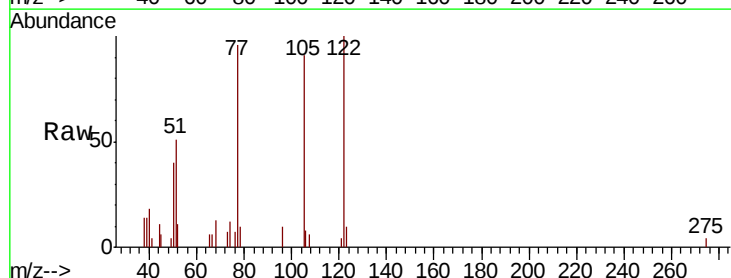
Instrument :
BNA_G
ClientSampleId :
M-12-DMS

Tgt Ion:128 Resp: 329711
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 11.413 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.06 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion:122 Resp: 7089
Ion Ratio Lower Upper
122 100
105 90.8 101.8 141.8#
77 96.3 76.3 116.3

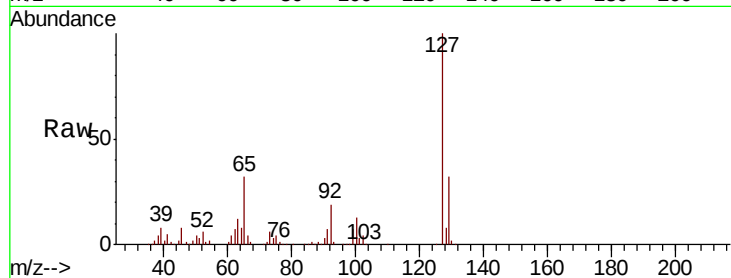




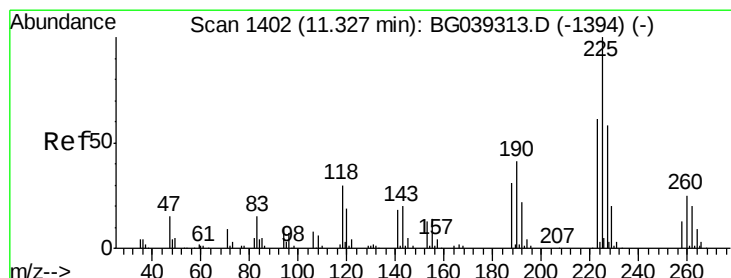
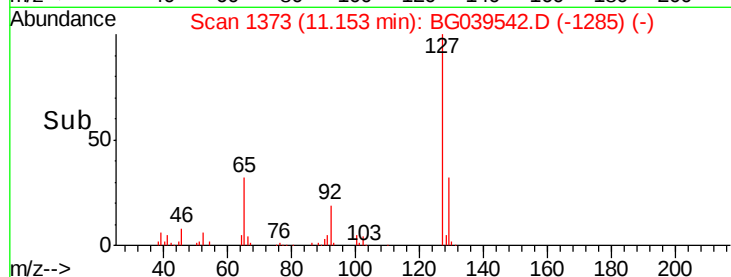
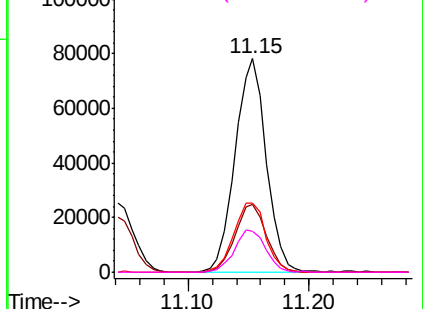
#33
4-Chloroaniline
Concen: 23.930 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Instrument :
BNA_G
ClientSampleId :
M-12-DMS

Tgt Ion:	127	Resp:	140987
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.0	40.4
65	32.5	28.8	43.2
92	19.0	16.6	25.0

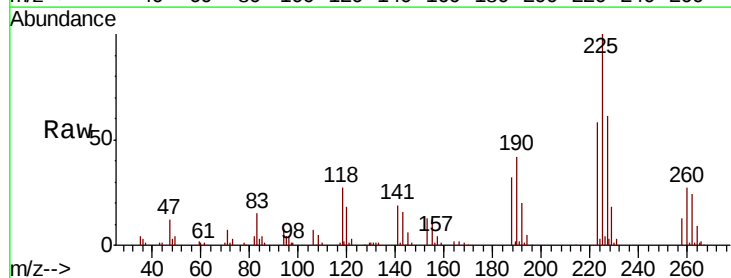


Abundance Ion 127.00 (126.70 to 127.70): E
120000 Ion 129.00 (128.70 to 129.70): E
100000 Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

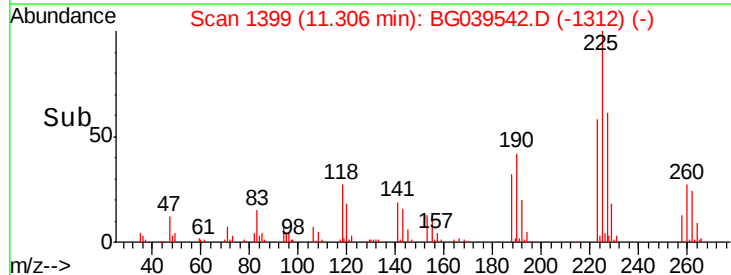
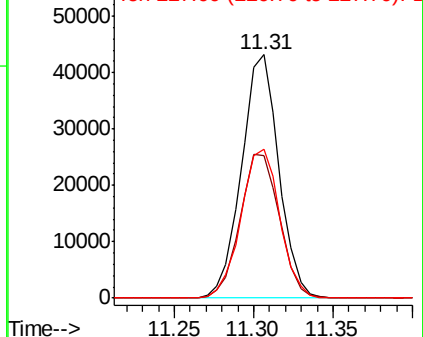


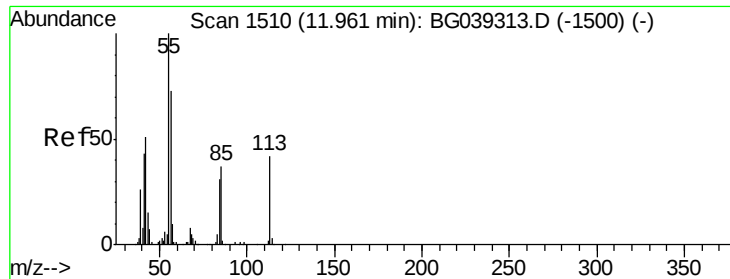
#34
Hexachlorobutadiene
Concen: 23.483 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion:	225	Resp:	70428
Ion	Ratio	Lower	Upper
225	100		
223	58.4	49.0	73.6
227	61.0	46.3	69.5



Abundance Ion 225.00 (224.70 to 225.70): E
60000 Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

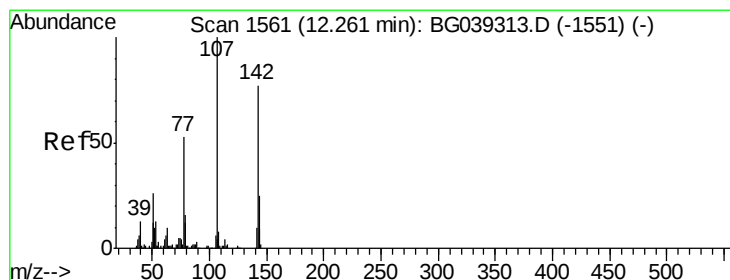
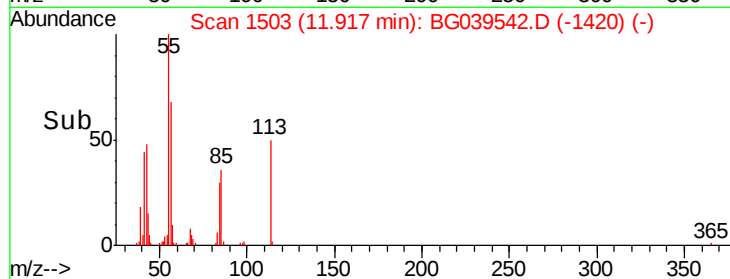
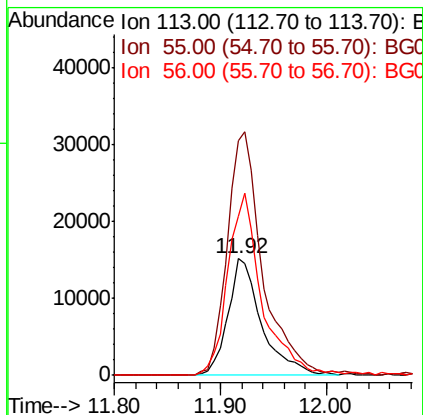
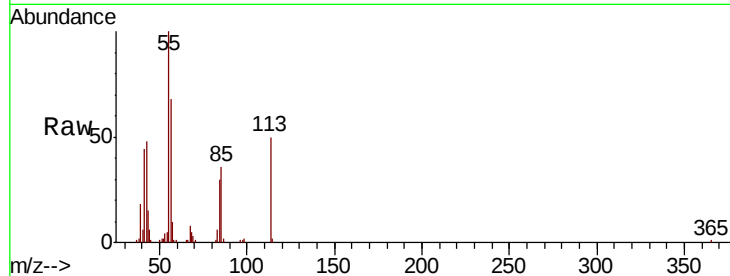




#35
 Caprolactam
 Concen: 20.215 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.04 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

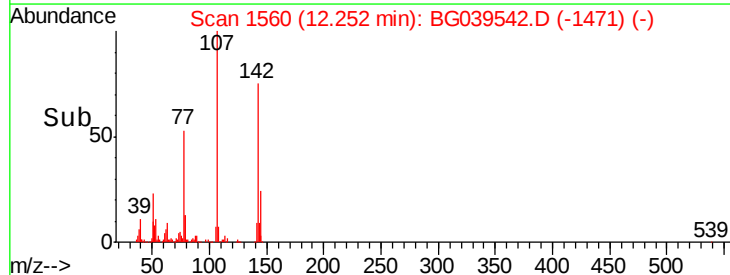
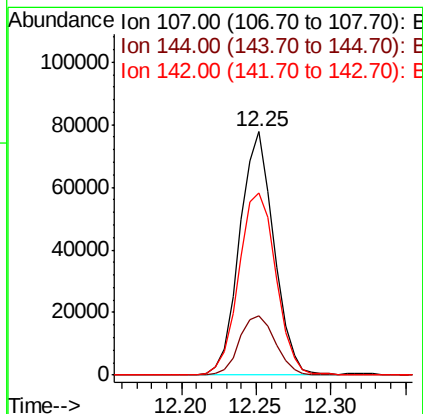
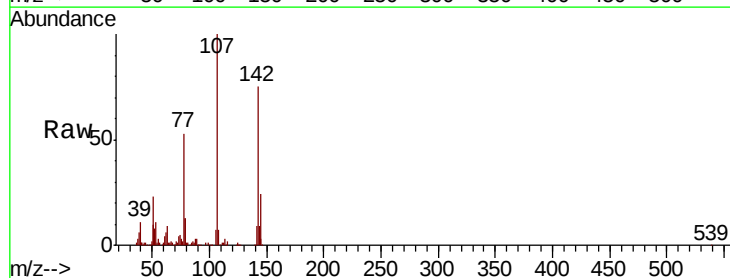
Instrument :
 BNA_G
 ClientSampleId :
 M-12-DMS

Tgt Ion:113 Resp: 33602
 Ion Ratio Lower Upper
 113 100
 55 201.8 216.9 256.9#
 56 136.5 152.6 192.6#



#36
 4-Chloro-3-methylphenol
 Concen: 26.729 ng
 RT: 12.25 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

Tgt Ion:107 Resp: 124170
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.2 30.2
 142 74.9 61.4 92.2

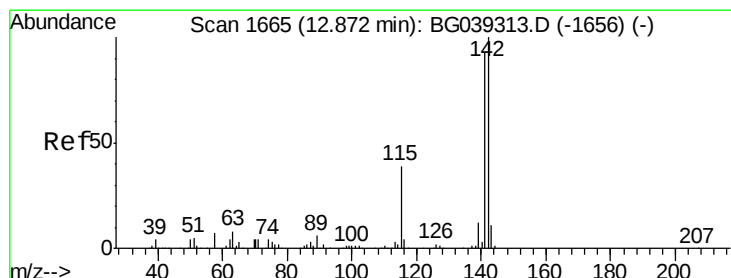
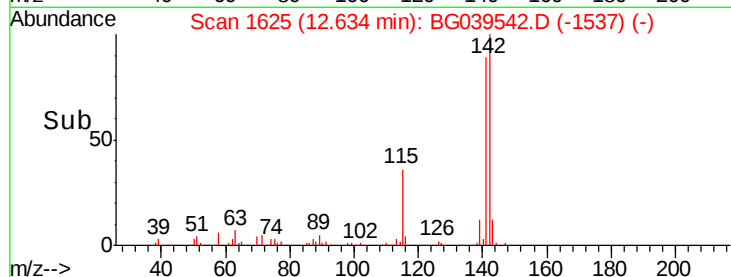
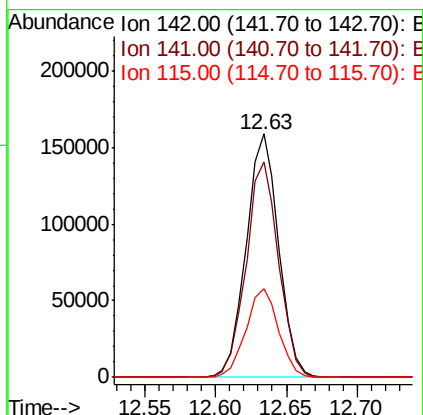
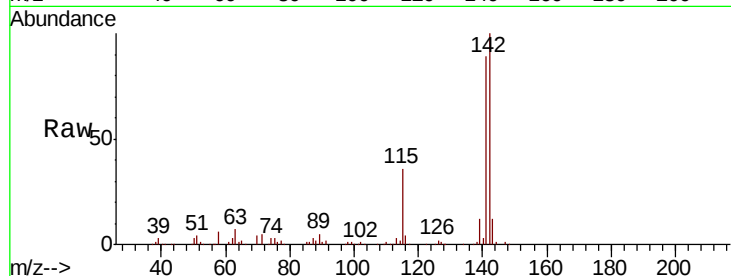




#37
2-Methylnaphthalene
Concen: 27.211 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

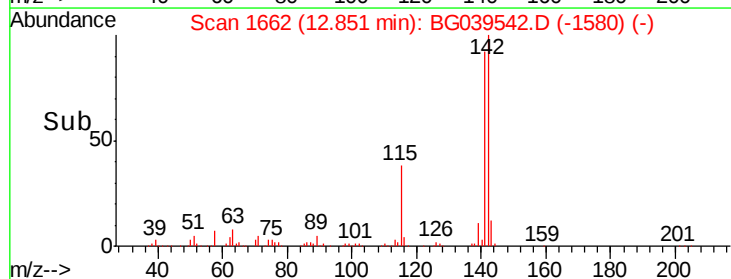
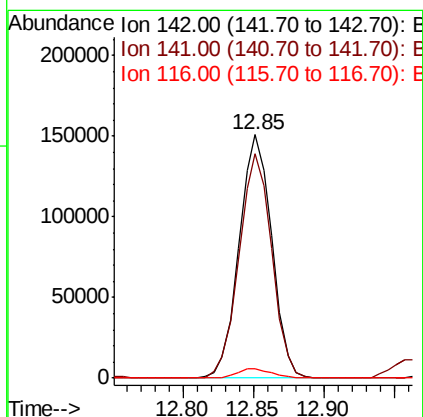
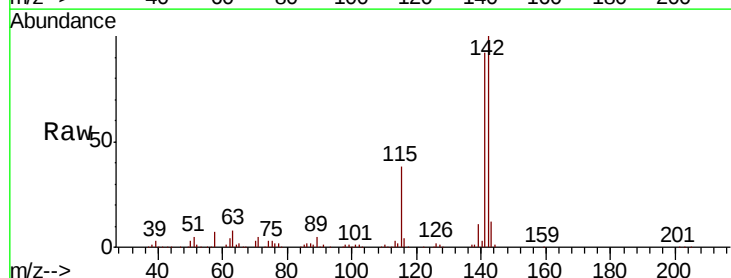
Instrument :
BNA_G
ClientSampleId :
M-12-DMS

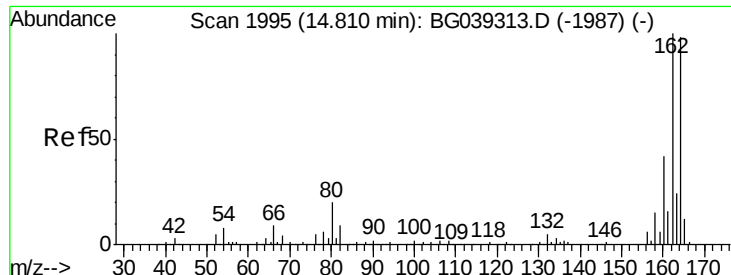
Tgt Ion:142 Resp: 256081
Ion Ratio Lower Upper
142 100
141 88.5 73.5 110.3
115 36.2 30.8 46.2



#38
1-Methylnaphthalene
Concen: 26.811 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion:142 Resp: 243223
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

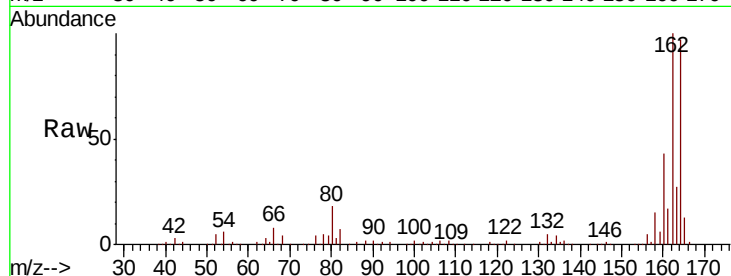
Tgt Ion:164 Resp: 178830

Ion Ratio Lower Upper

164 100

162 102.8 81.6 122.4

160 44.5 34.2 51.2

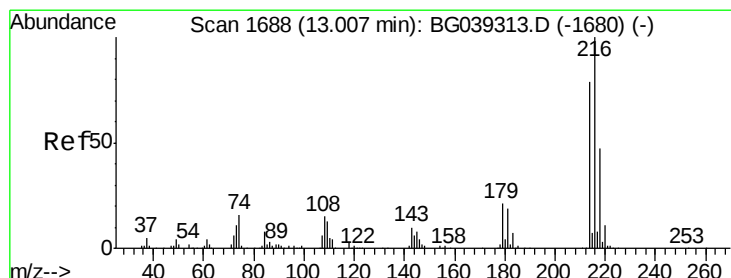
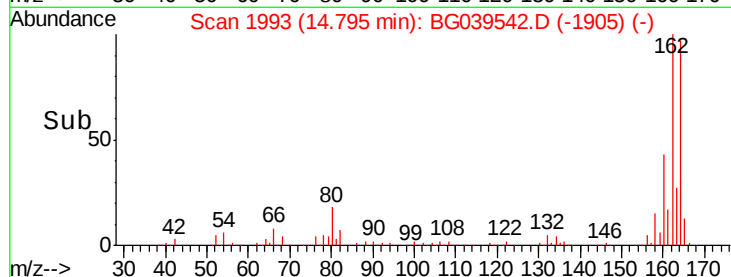
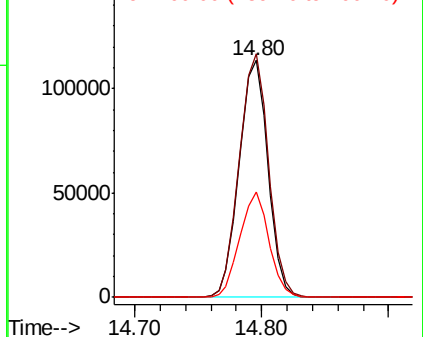


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 24.404 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Tgt Ion:216 Resp: 138856

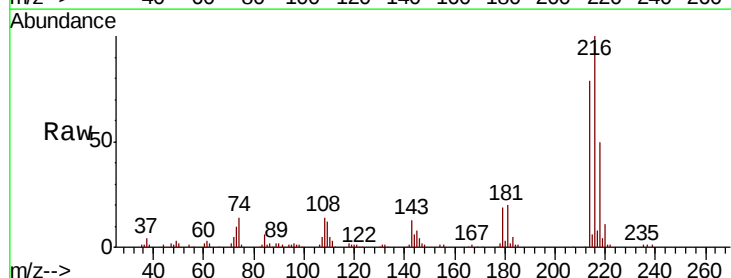
Ion Ratio Lower Upper

216 100

214 79.5 62.6 94.0

179 20.8 16.6 25.0

108 18.0 14.0 21.0



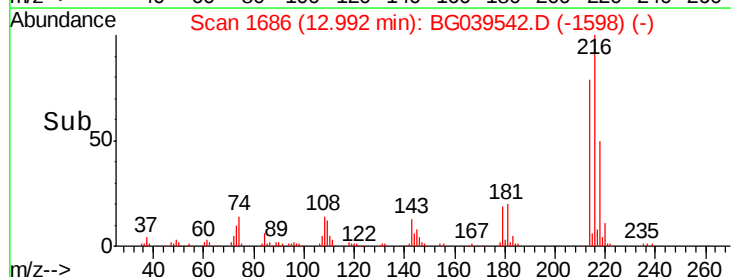
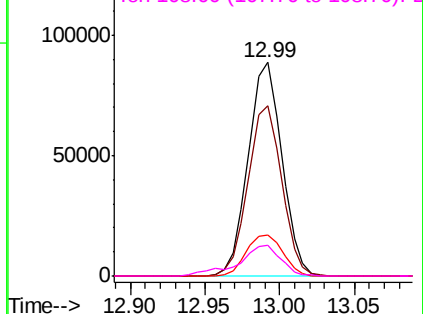
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 52.887 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

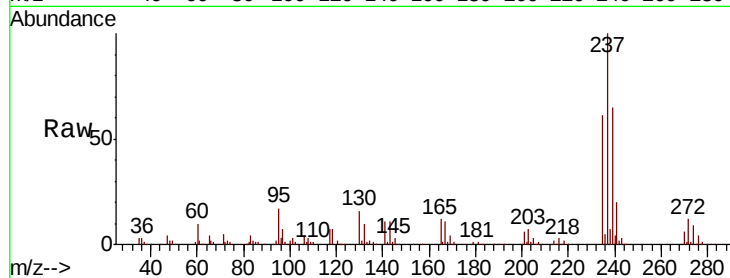
Tgt Ion:237 Resp: 163975

Ion Ratio Lower Upper

237 100

235 61.0 43.3 83.3

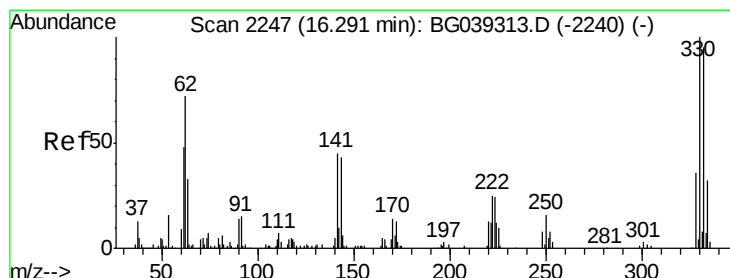
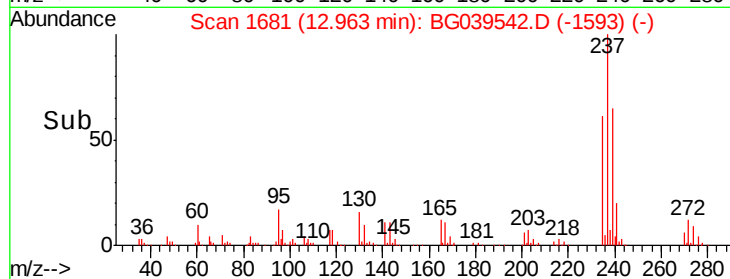
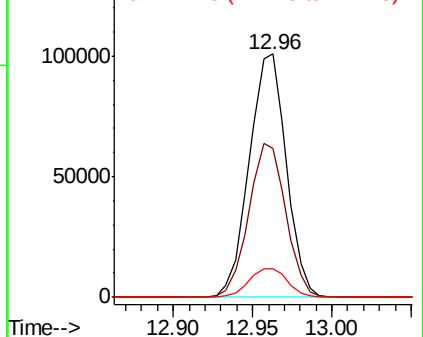
272 11.7 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 88.542 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

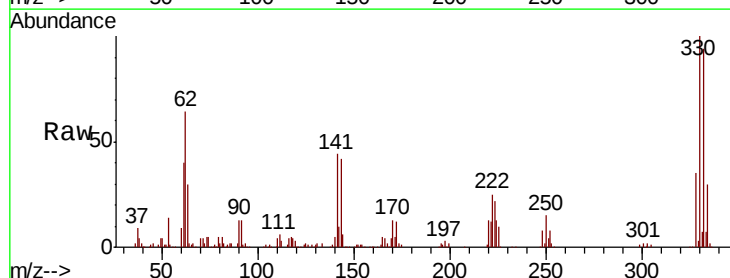
Tgt Ion:330 Resp: 170504

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

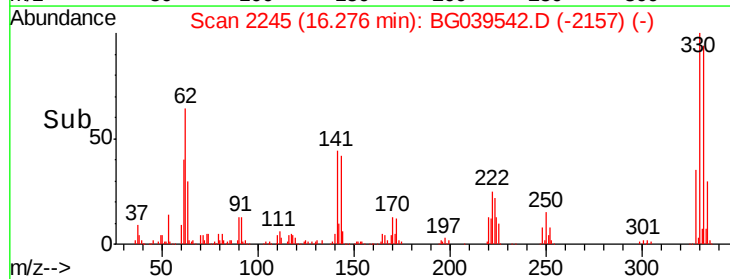
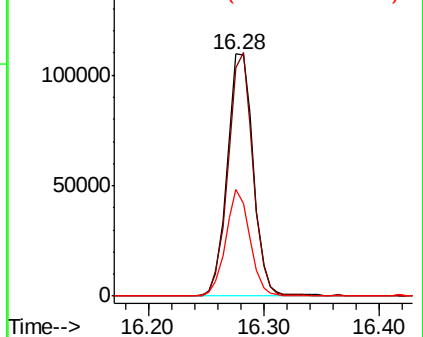
141 40.9 35.6 53.4

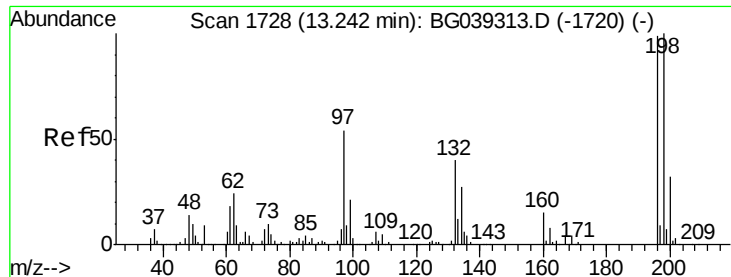


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

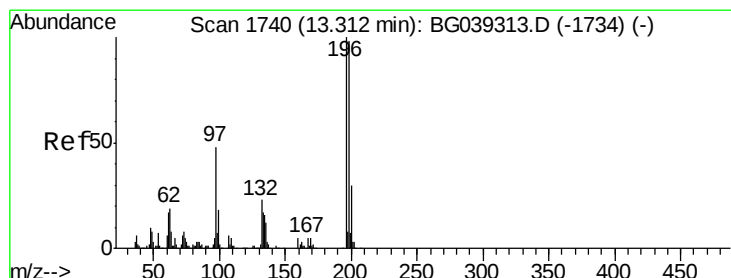
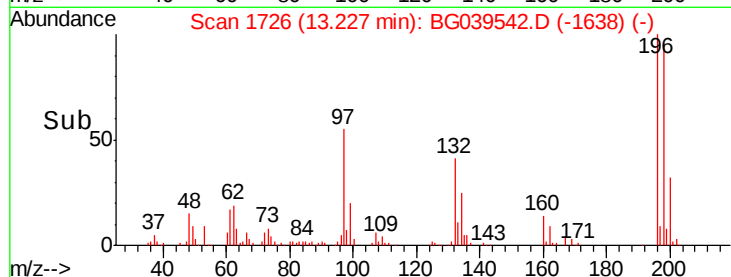
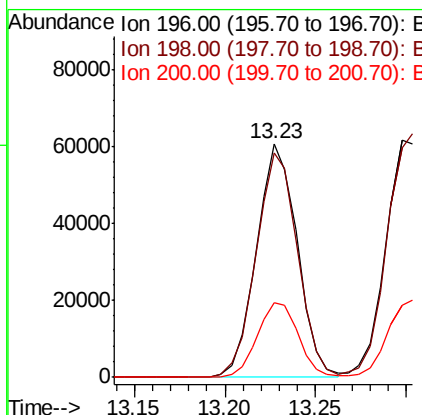
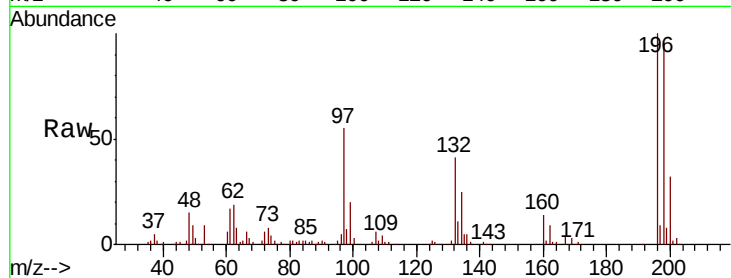




#43
 2,4,6-Trichlorophenol
 Concen: 27.112 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

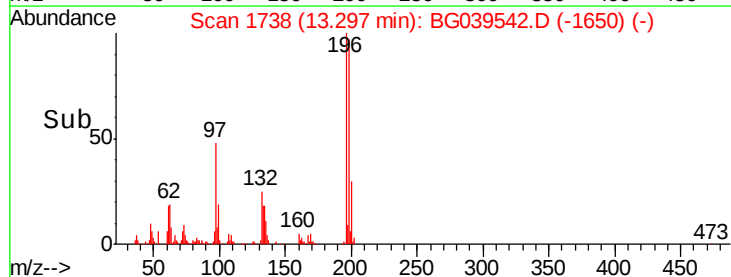
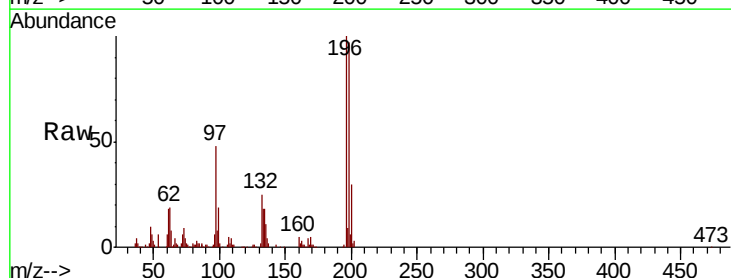
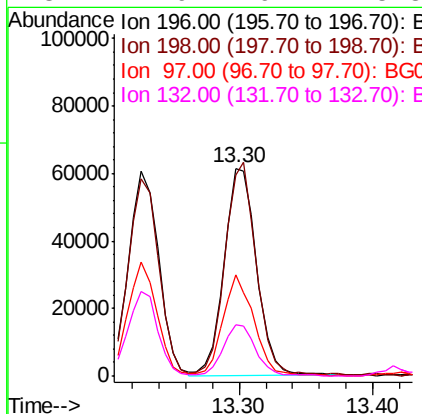
Instrument :
 BNA_G
 ClientSampleId :
 M-12-DMS

Tgt Ion:196 Resp: 94849
 Ion Ratio Lower Upper
 196 100
 198 96.2 80.6 121.0
 200 31.8 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 28.476 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

Tgt Ion:196 Resp: 104411
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.5 117.7
 97 48.5 38.4 57.6
 132 24.9 19.2 28.8

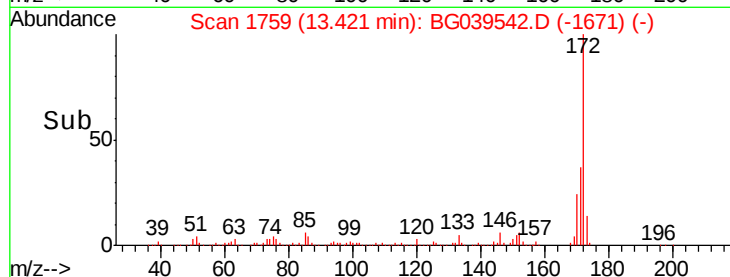
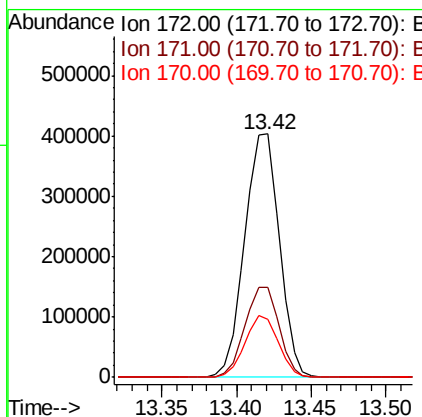
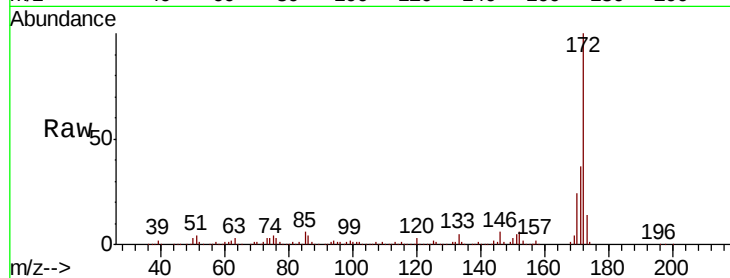




#45
2-Fluorobiphenyl
Concen: 52.099 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

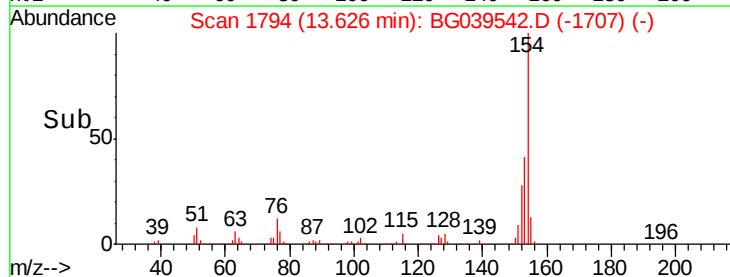
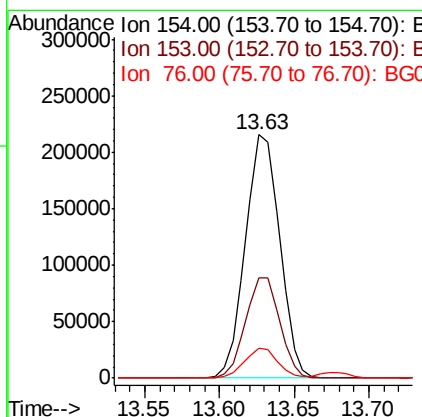
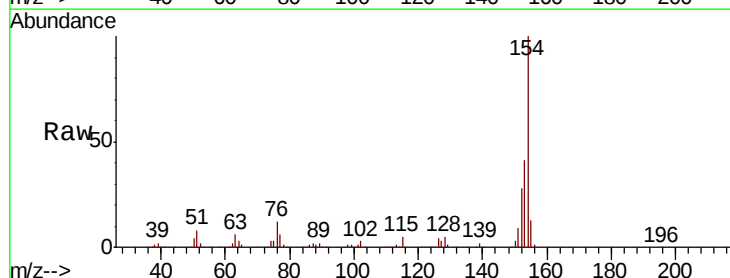
Instrument :
BNA_G
ClientSampleId :
M-12-DMS

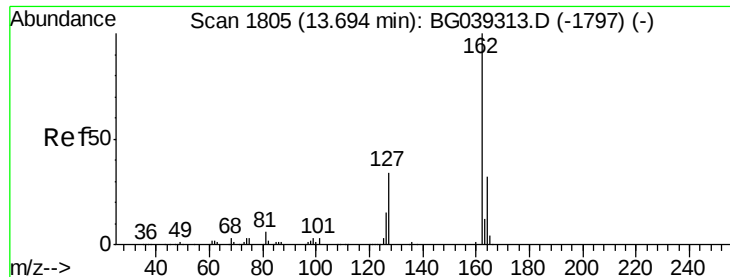
Tgt Ion:172 Resp: 649457
Ion Ratio Lower Upper
172 100
171 37.0 30.8 46.2
170 23.7 20.2 30.4



#46
1,1'-Biphenyl
Concen: 23.057 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion:154 Resp: 343071
Ion Ratio Lower Upper
154 100
153 41.3 22.1 62.1
76 12.3 0.0 32.4





#47

2-Chloronaphthalene

Concen: 23.722 ng

RT: 13.68 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

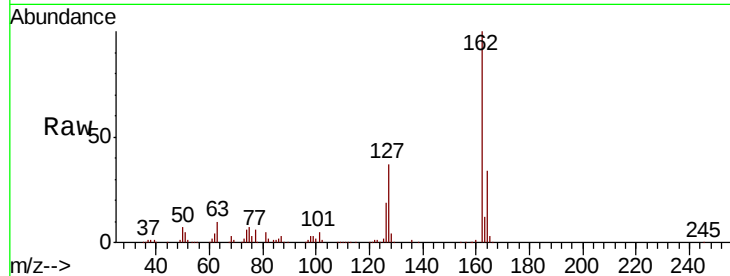
Tgt Ion: 162 Resp: 265527

Ion Ratio Lower Upper

162 100

127 37.4 31.0 46.6

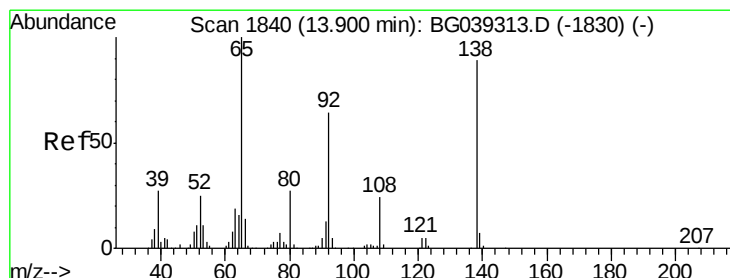
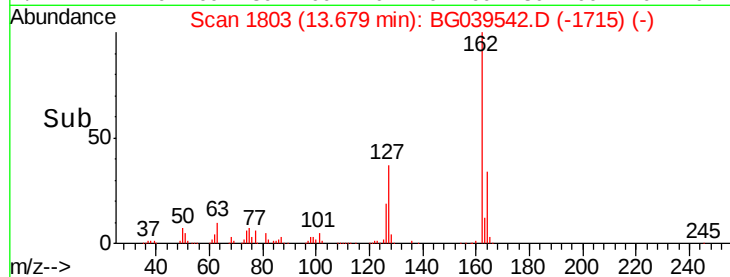
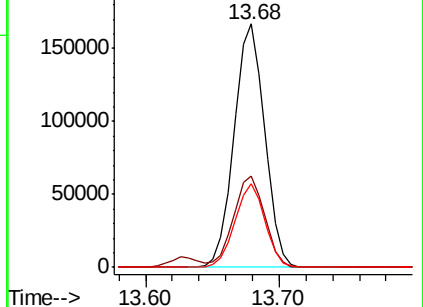
164 34.2 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 31.415 ng

RT: 13.88 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

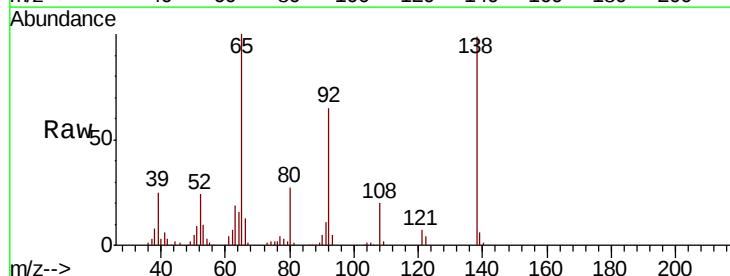
Tgt Ion: 65 Resp: 89868

Ion Ratio Lower Upper

65 100

92 65.0 51.4 77.2

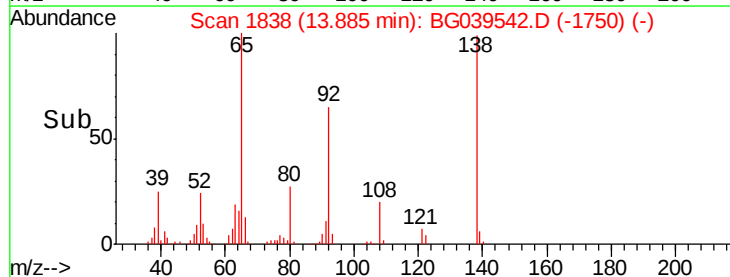
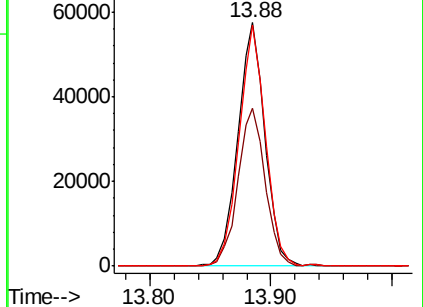
138 98.9 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 26.018 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

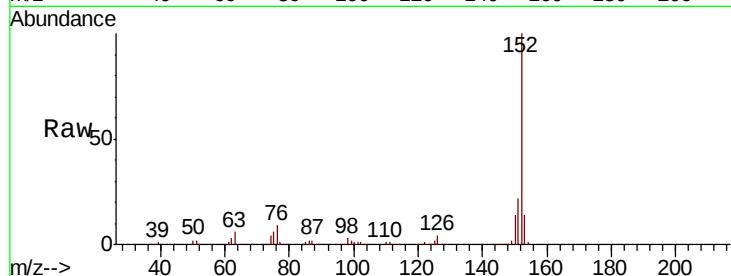
Tgt Ion:152 Resp: 439428

Ion Ratio Lower Upper

152 100

151 22.2 16.8 25.2

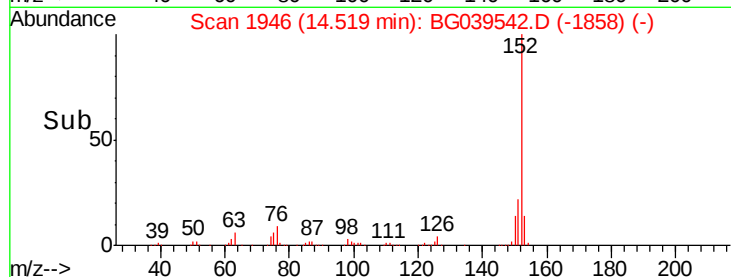
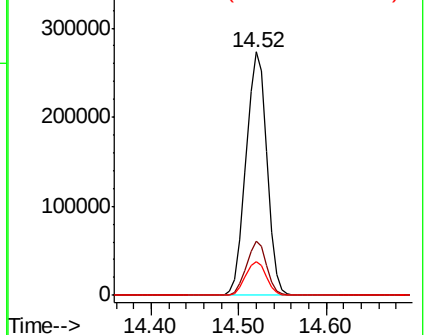
153 14.1 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 27.369 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

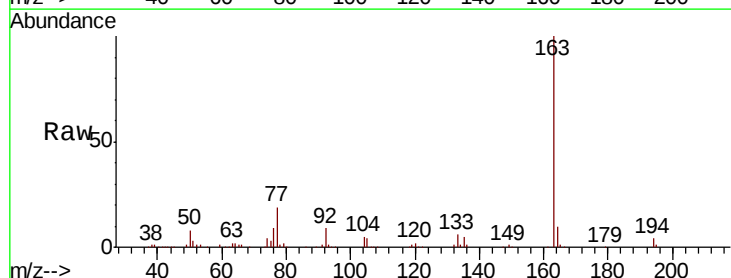
Tgt Ion:163 Resp: 395293

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

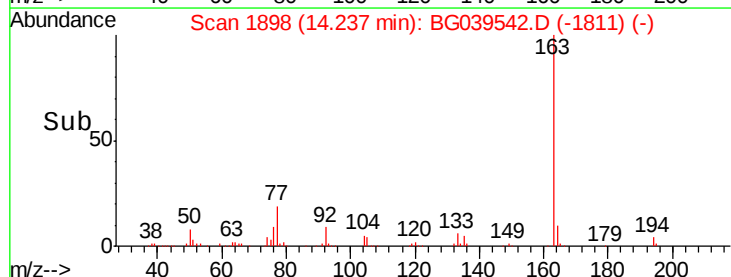
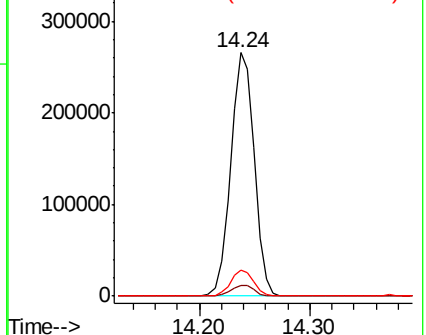
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 32.137 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

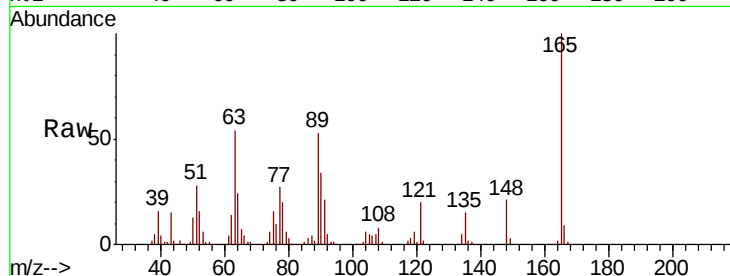
Tgt Ion:165 Resp: 79971

Ion Ratio Lower Upper

165 100

63 53.6 47.0 70.6

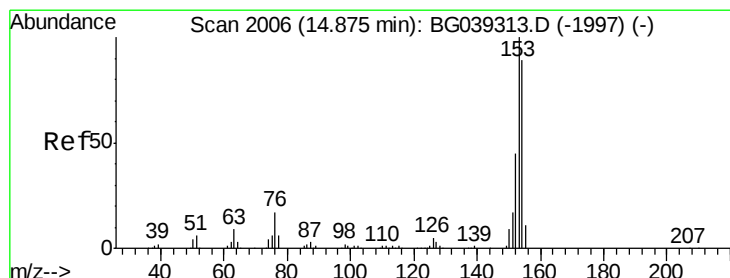
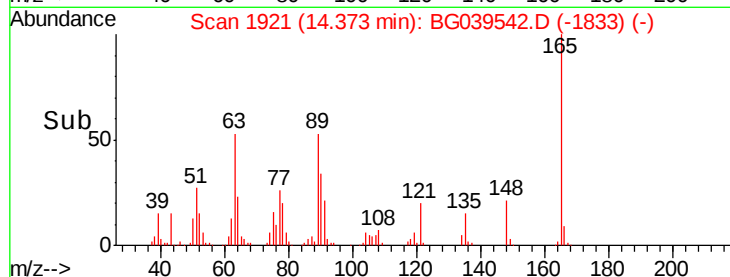
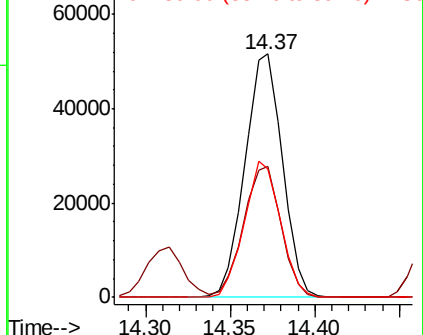
89 52.5 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 23.724 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

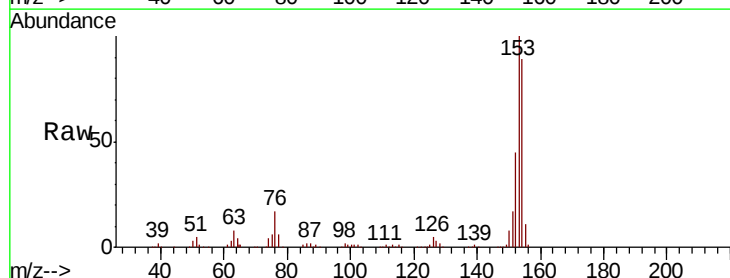
Tgt Ion:154 Resp: 260097

Ion Ratio Lower Upper

154 100

153 111.8 90.1 135.1

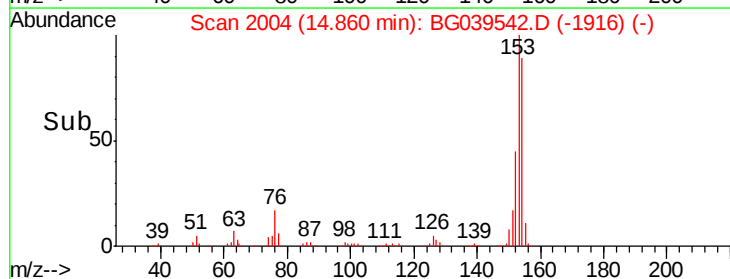
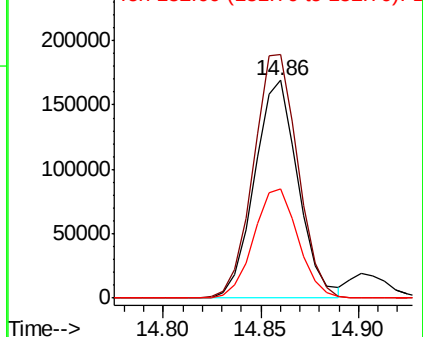
152 50.1 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.431 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

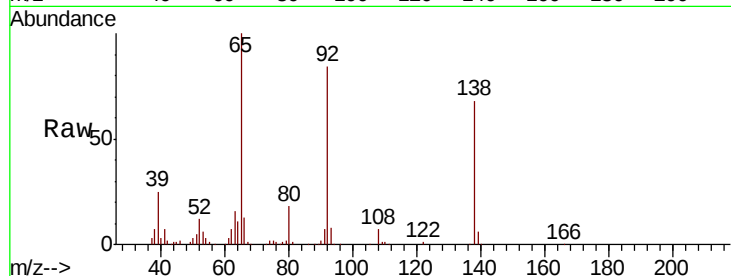
Tgt Ion:138 Resp: 74986

Ion Ratio Lower Upper

138 100

108 10.9 13.8 20.8#

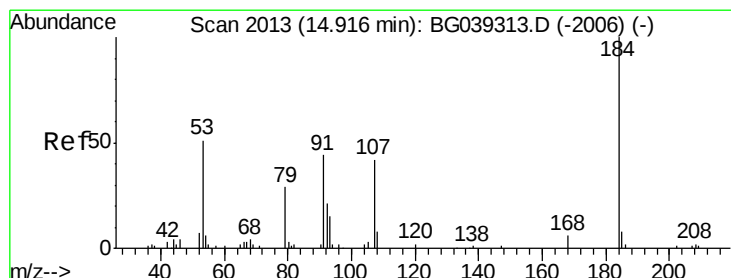
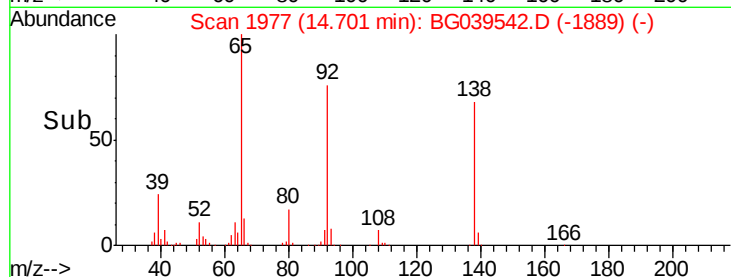
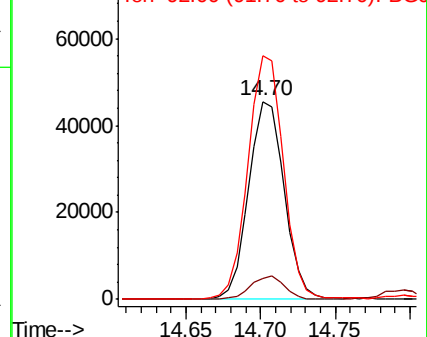
92 123.0 103.7 155.5



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: 50.467 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

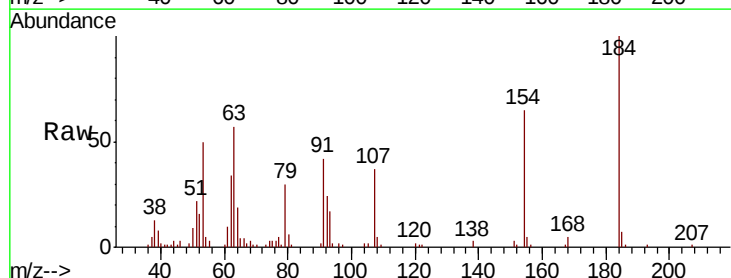
Tgt Ion:184 Resp: 49178

Ion Ratio Lower Upper

184 100

63 56.7 50.9 76.3

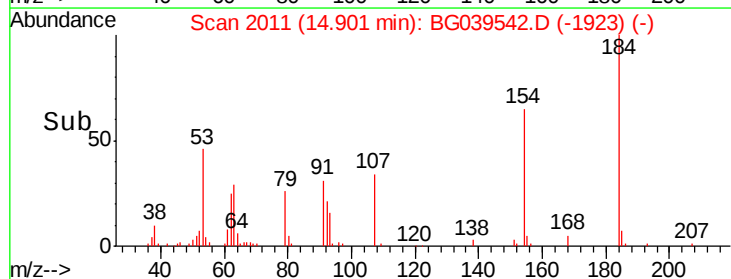
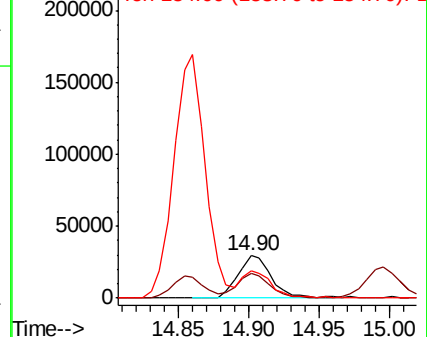
154 64.7 53.0 79.6

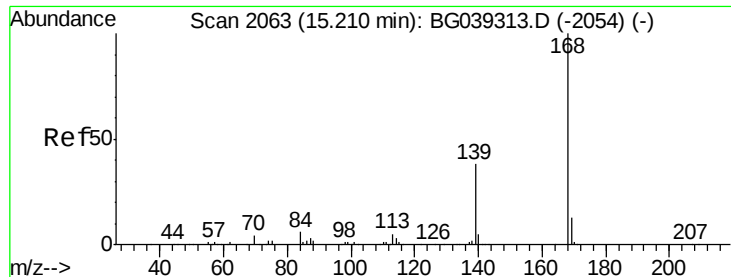


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

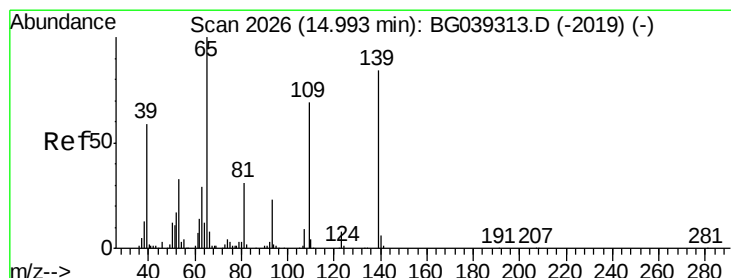
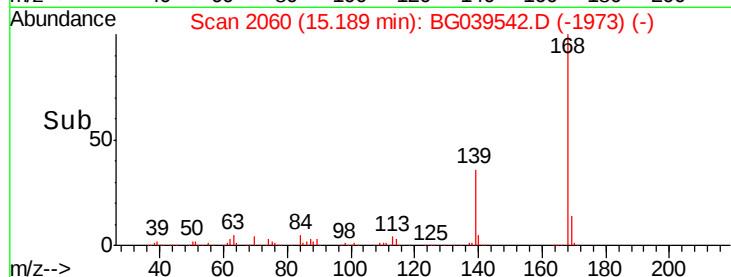
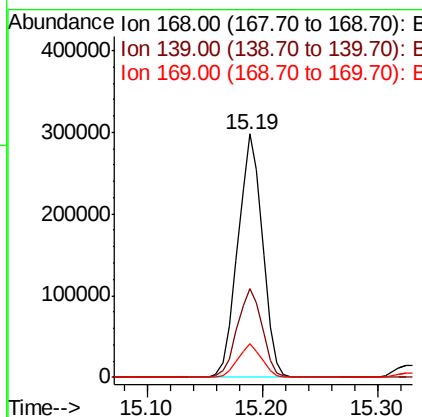
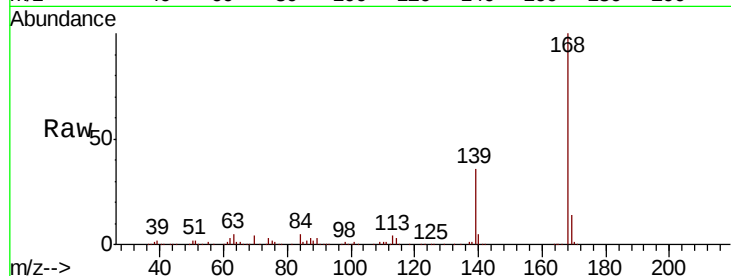




#55
Dibenzofuran
Concen: 25.036 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

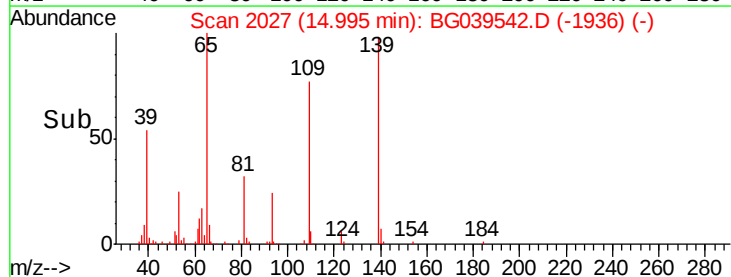
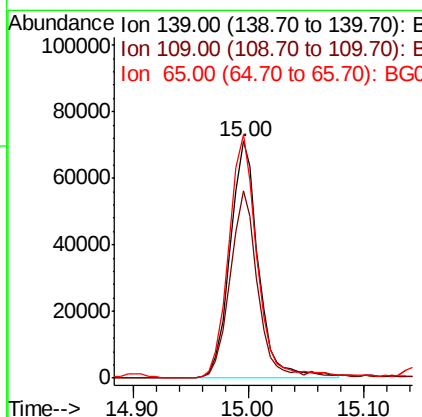
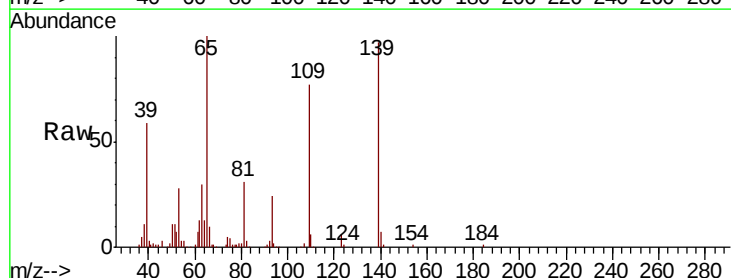
Instrument :
BNA_G
ClientSampleId :
M-12-DMS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.1	45.1
169	13.6	10.6	16.0



#56
4-Nitrophenol
Concen: 48.650 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.0	61.9	101.9
65	102.9	99.1	139.1

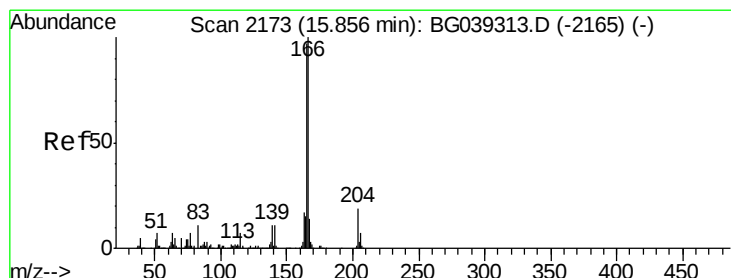
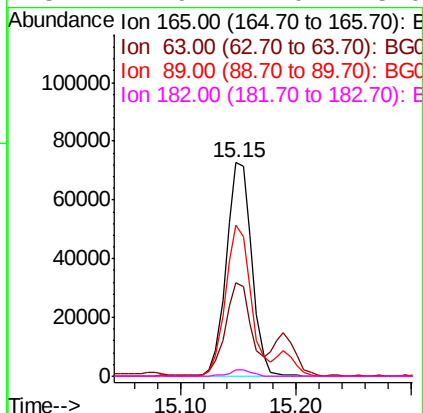
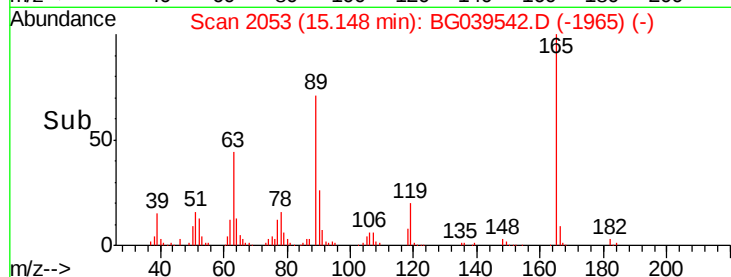
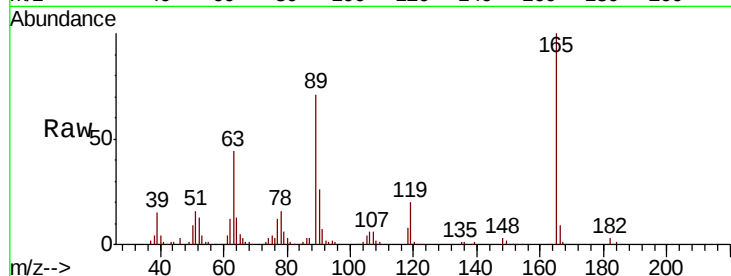




#57
2,4-Dinitrotoluene
Concen: 34.590 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

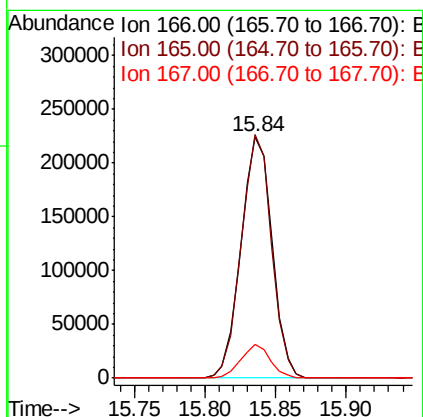
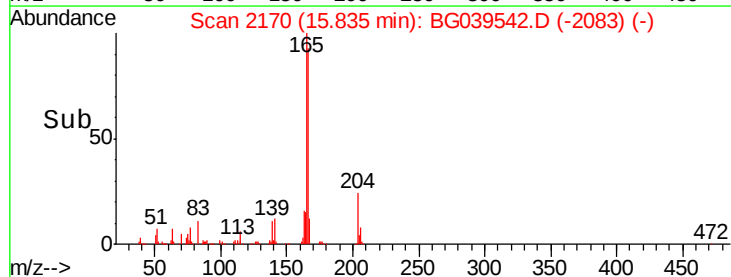
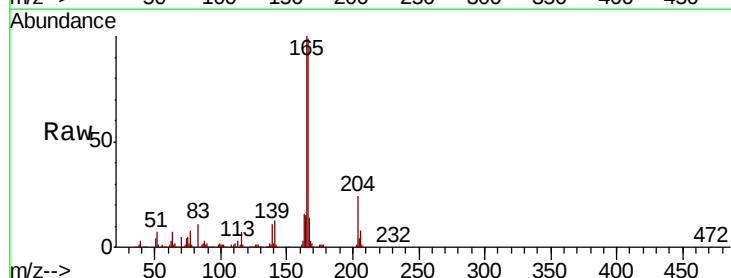
Instrument :
BNA_G
ClientSampleId :
M-12-DMS

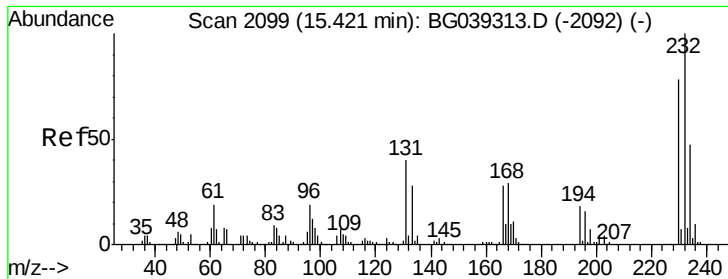
Tgt Ion:165 Resp: 110568
Ion Ratio Lower Upper
165 100
63 43.6 41.0 61.6
89 70.9 64.6 96.8
182 2.9 2.0 3.0



#58
Fluorene
Concen: 26.369 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion:166 Resp: 345537
Ion Ratio Lower Upper
166 100
165 100.9 77.9 116.9
167 14.2 10.8 16.2

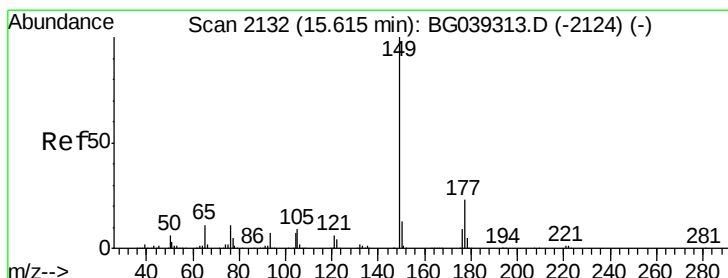
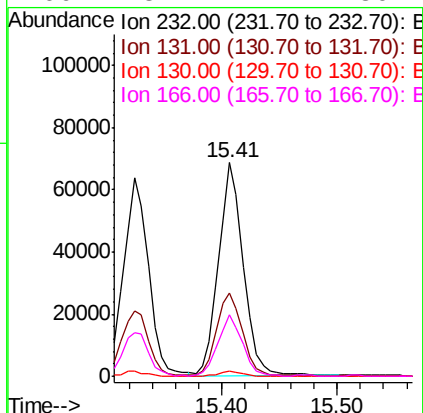
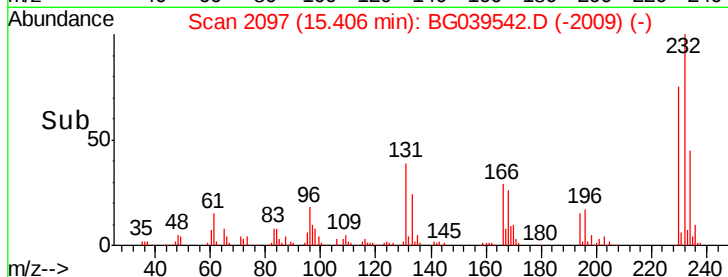
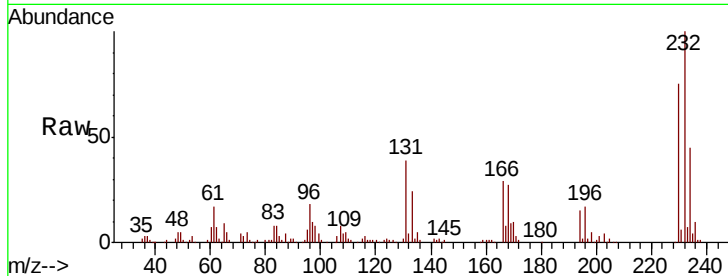




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 29.886 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

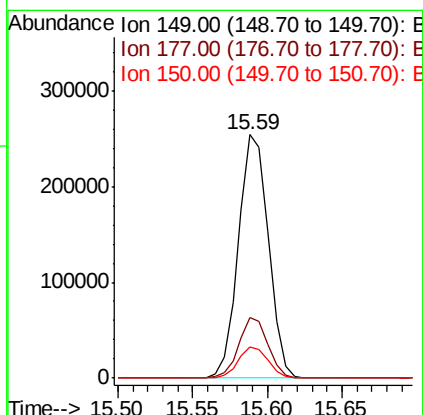
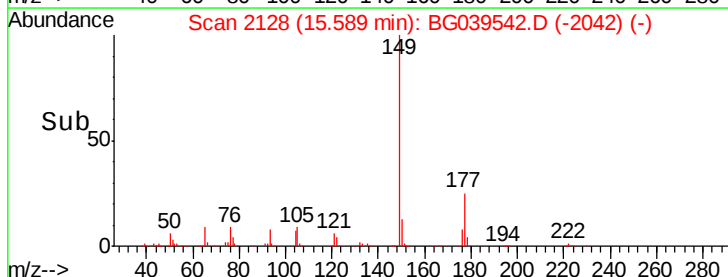
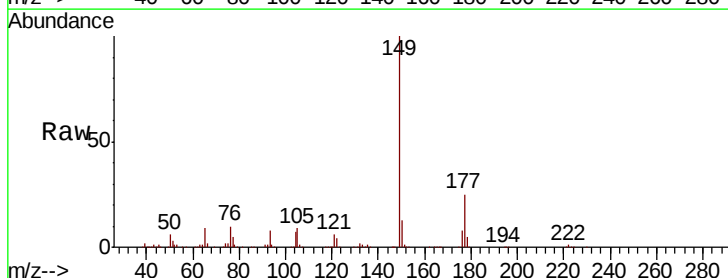
Instrument :
 BNA_G
 ClientSampleId :
 M-12-DMS

Tgt Ion:	232	Resp:	102601
Ion	Ratio	Lower	Upper
232	100		
131	40.9	34.9	52.3
130	2.3	2.0	3.0
166	28.2	24.1	36.1



#60
 Diethylphthalate
 Concen: 23.753 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

Tgt Ion:	149	Resp:	354699
Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.3	27.5
150	12.9	10.2	15.2

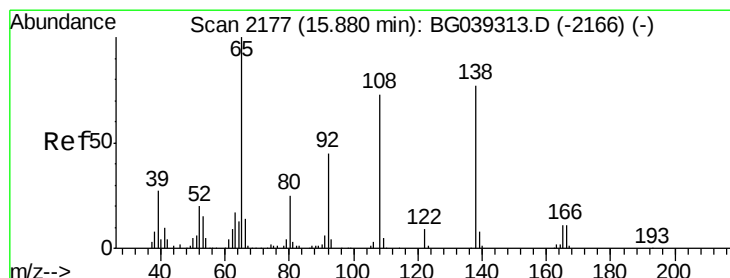
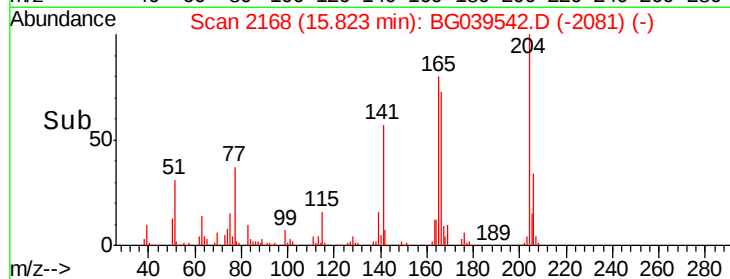
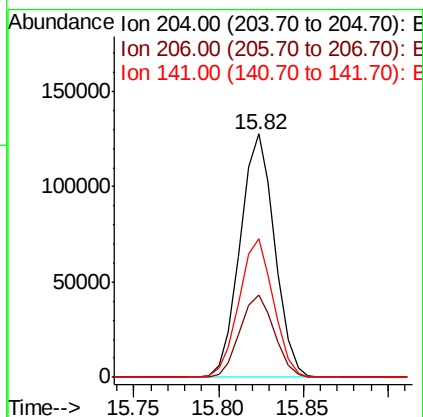
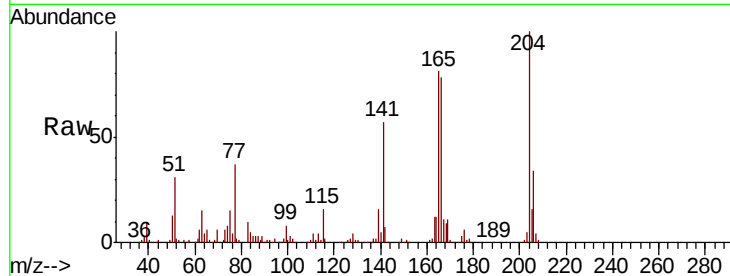




#61
4-Chlorophenyl-phenylether
Concen: 24.461 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

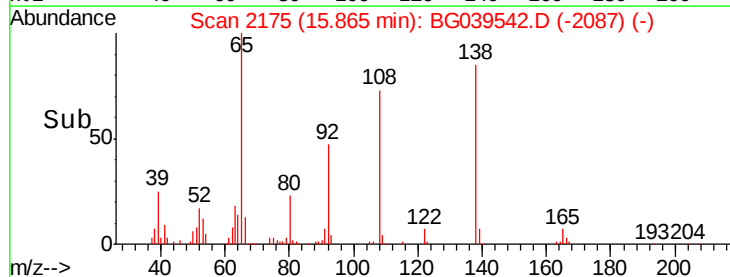
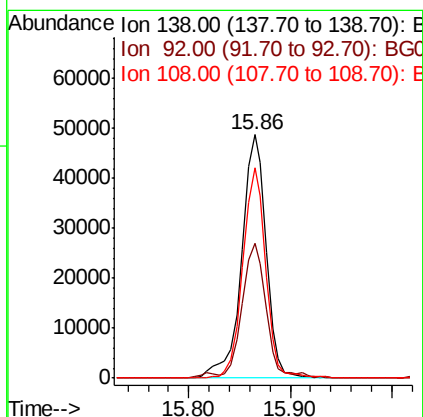
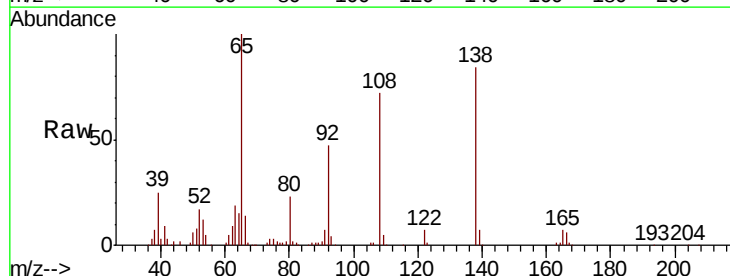
Instrument :
BNA_G
ClientSampleId :
M-12-DMS

Tgt Ion: 204 Resp: 181494
Ion Ratio Lower Upper
204 100
206 34.0 29.2 43.8
141 57.0 49.0 73.4



#62
4-Nitroaniline
Concen: 28.891 ng
RT: 15.86 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion: 138 Resp: 81949
Ion Ratio Lower Upper
138 100
92 55.6 38.7 78.7
108 86.2 74.6 114.6

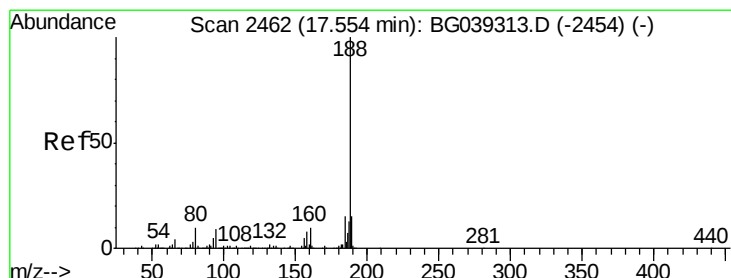
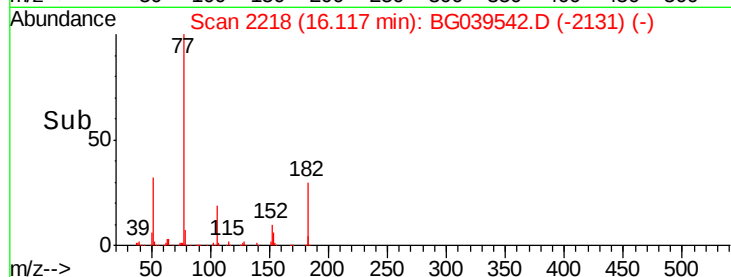
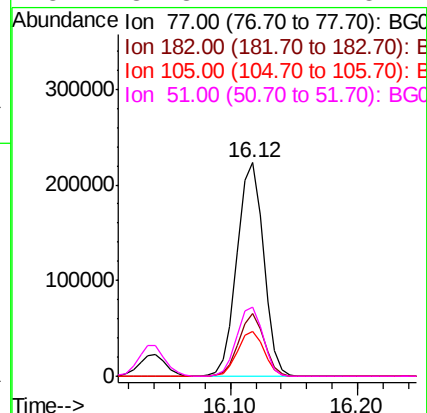
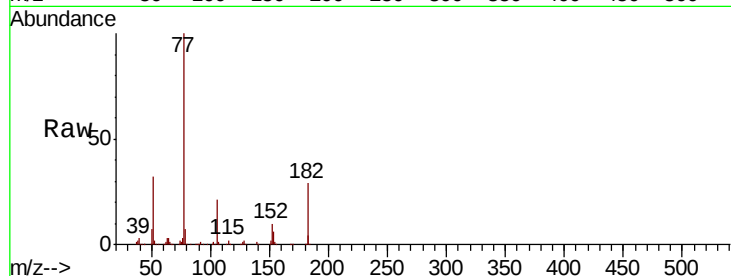




#63
Azobenzene
Concen: 22.129 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

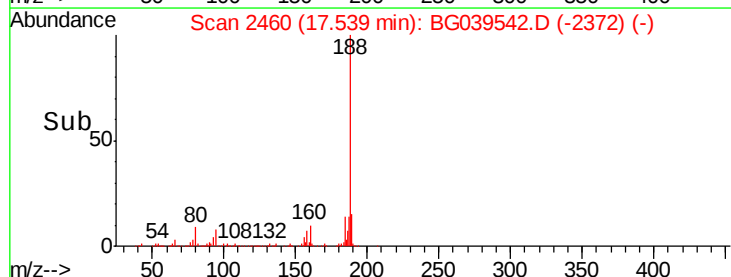
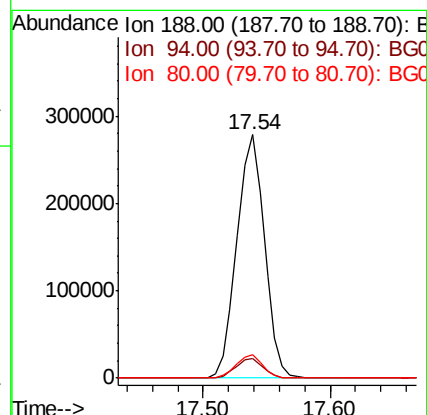
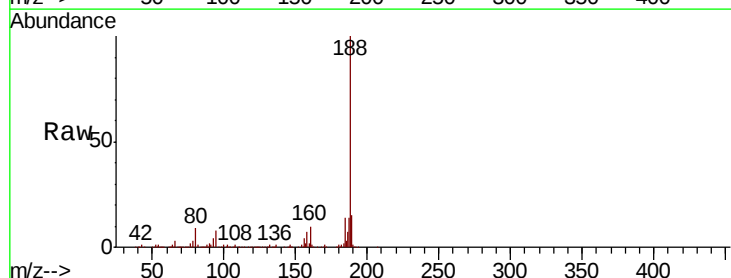
Instrument :
BNA_G
ClientSampleId :
M-12-DMS

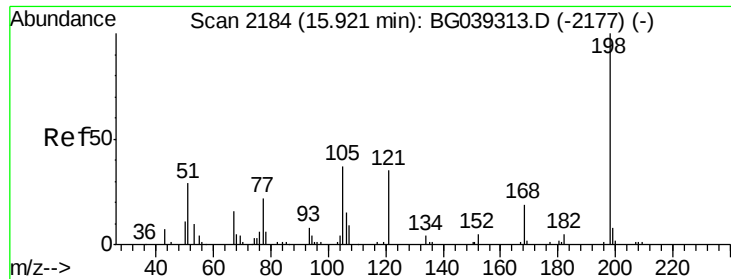
Tgt Ion:	77	Resp:	322981
Ion	Ratio	Lower	Upper
77	100		
182	29.5	6.4	46.4
105	21.0	0.0	39.8
51	32.3	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion:	188	Resp:	419399
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.4	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 34.711 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

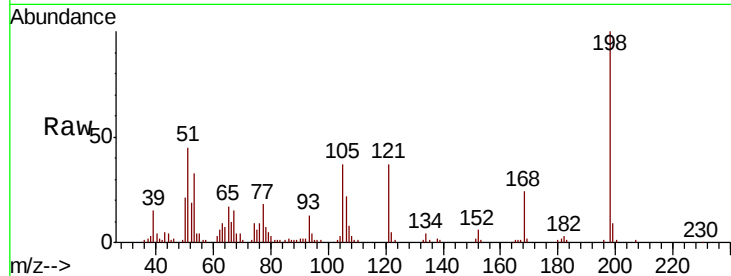
Tgt Ion:198 Resp: 50449

Ion Ratio Lower Upper

198 100

51 44.5 27.4 67.4

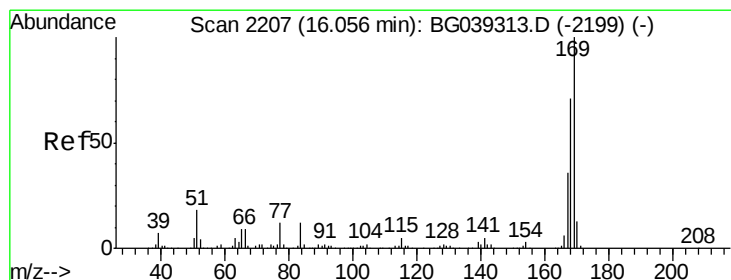
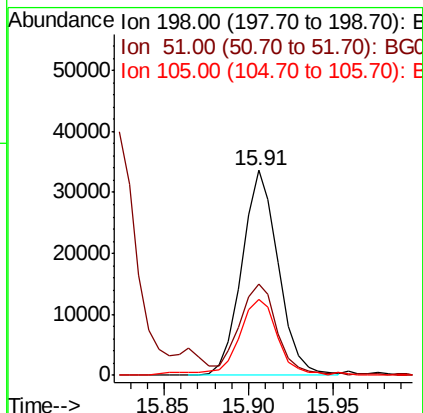
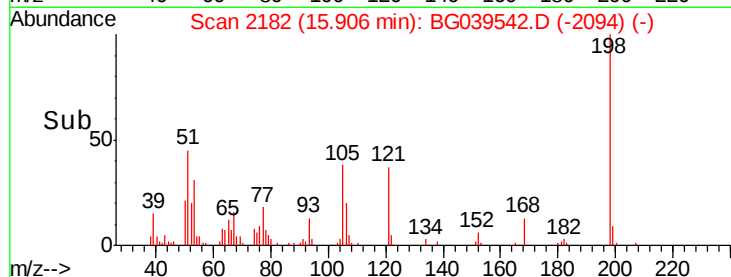
105 37.0 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039313.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 24.446 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

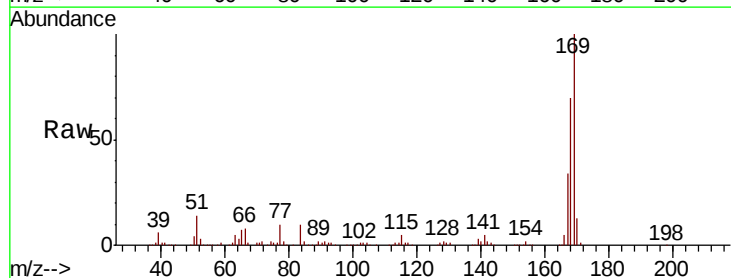
Tgt Ion:169 Resp: 311743

Ion Ratio Lower Upper

169 100

168 69.8 56.6 85.0

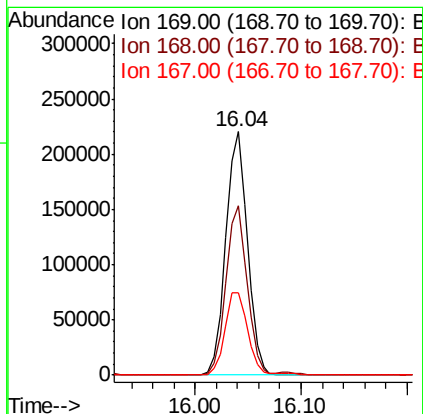
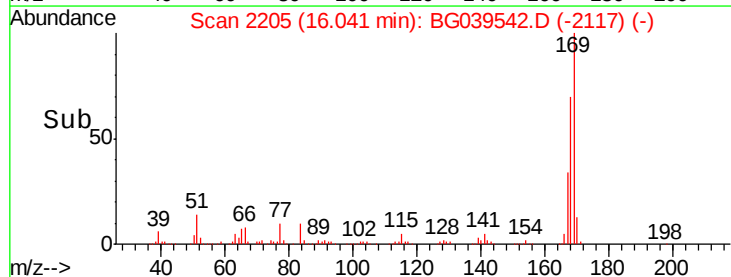
167 33.9 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

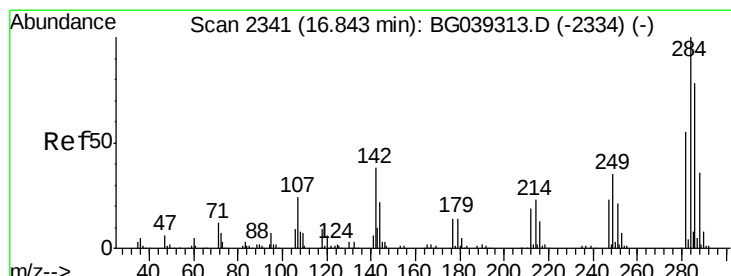
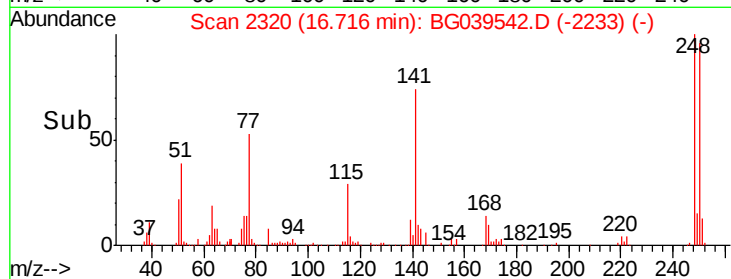
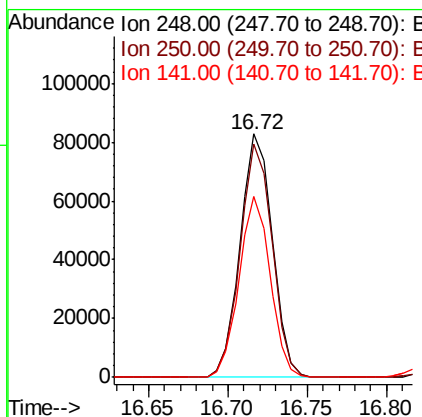
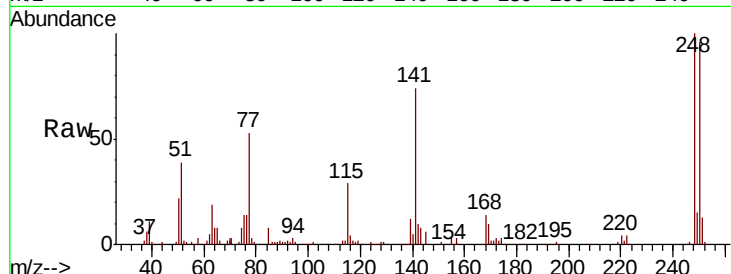




#67
 4-Bromophenyl-phenylether
 Concen: 25.152 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

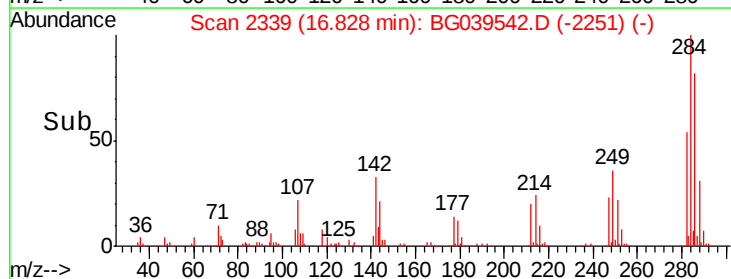
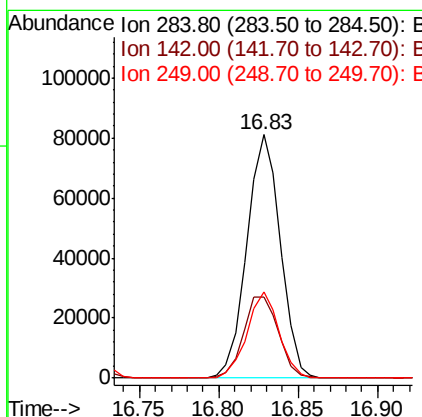
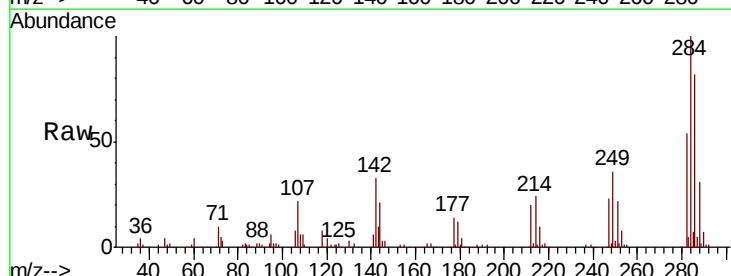
Instrument :
 BNA_G
 ClientSampled :
 M-12-DMS

Tgt Ion:248 Resp: 117026
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.6 116.4
 141 74.2 63.9 95.9



#68
 Hexachlorobenzene
 Concen: 25.497 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

Tgt Ion:284 Resp: 119023
 Ion Ratio Lower Upper
 284 100
 142 33.5 30.6 45.8
 249 35.6 28.2 42.2





#69

Atrazine

Concen: 24.223 ng

RT: 16.97 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

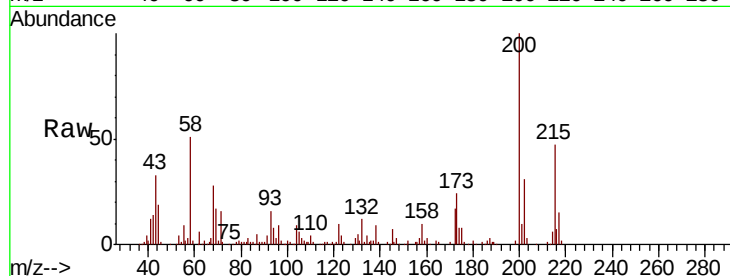
Tgt Ion:200 Resp: 112884

Ion Ratio Lower Upper

200 100

173 24.1 3.9 43.9

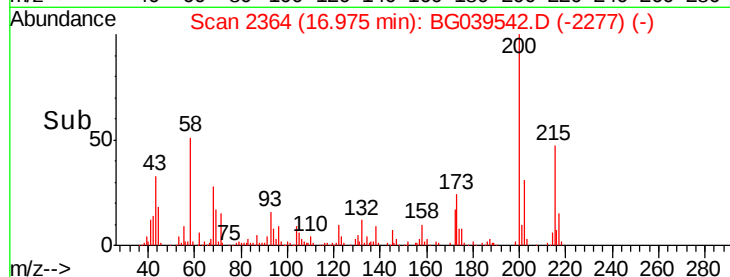
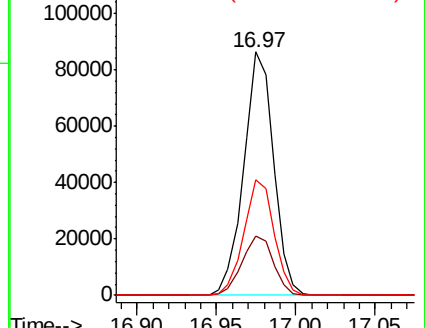
215 47.4 30.9 70.9



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: 42.218 ng

RT: 17.17 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

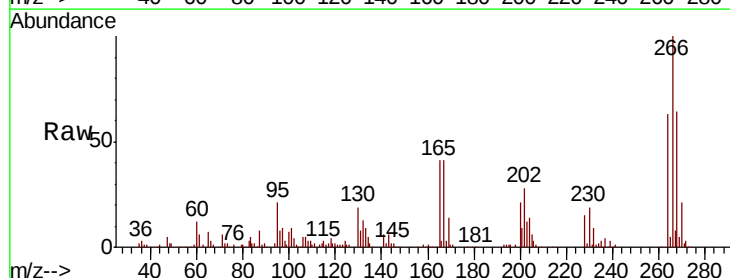
Tgt Ion:266 Resp: 136972

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

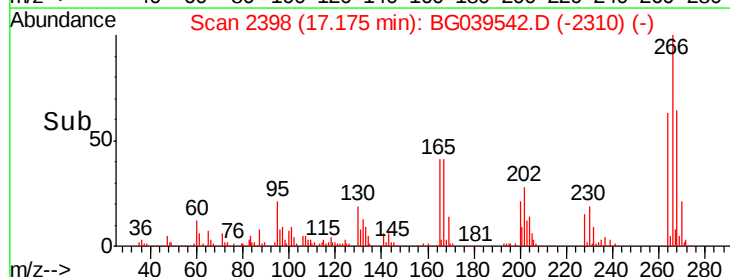
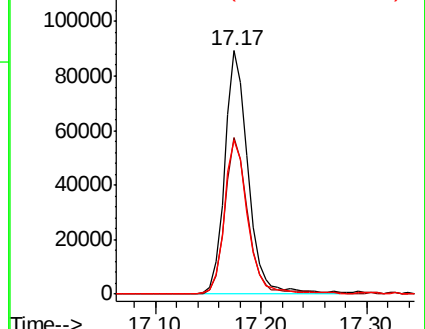
264 63.4 52.1 78.1

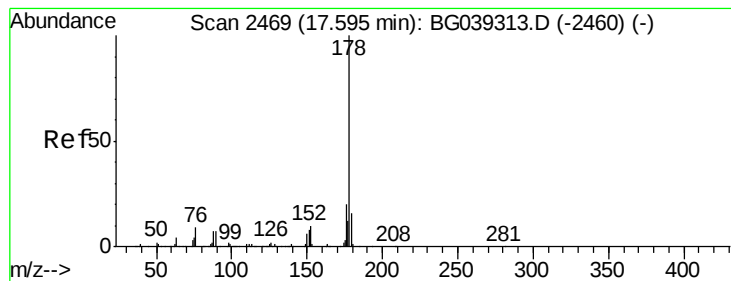


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 26.060 ng

RT: 17.58 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

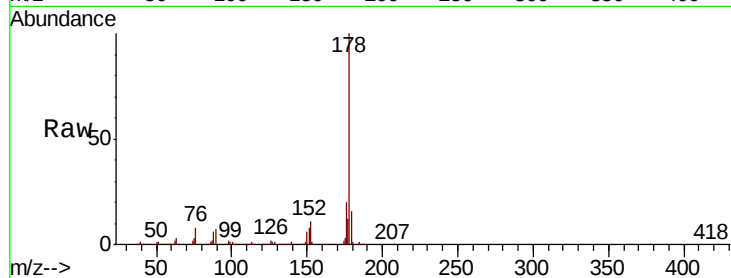
Tgt Ion:178 Resp: 565675

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

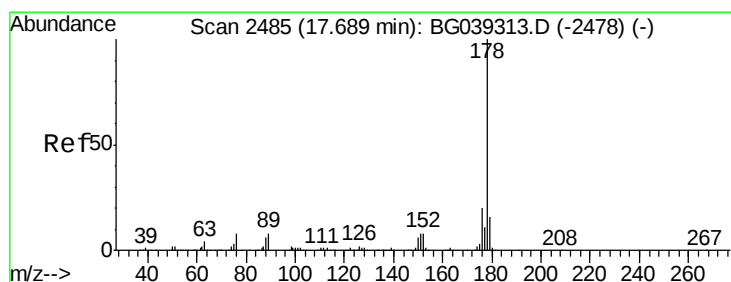
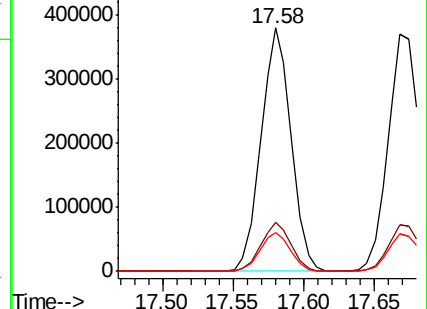
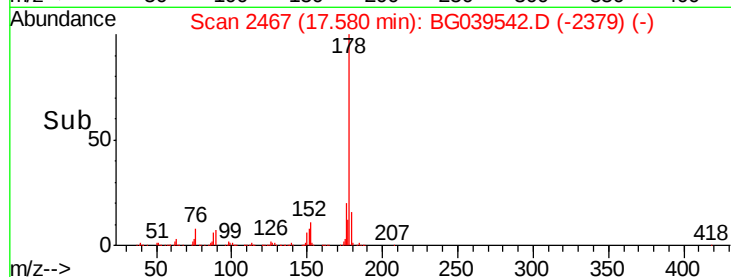
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 26.856 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.02 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

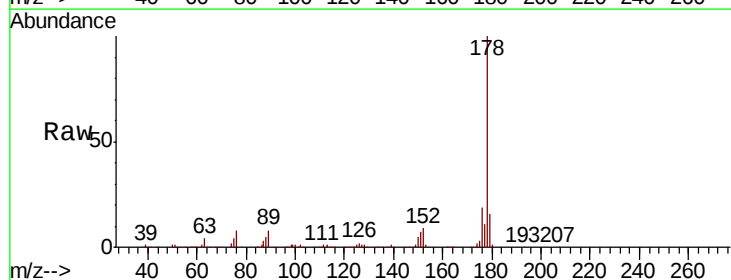
Tgt Ion:178 Resp: 574224

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

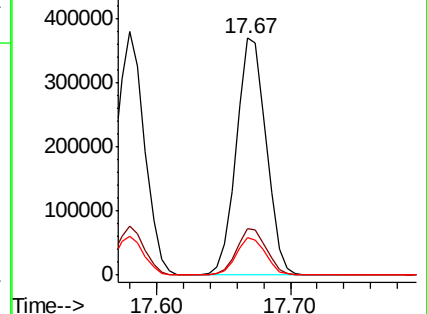
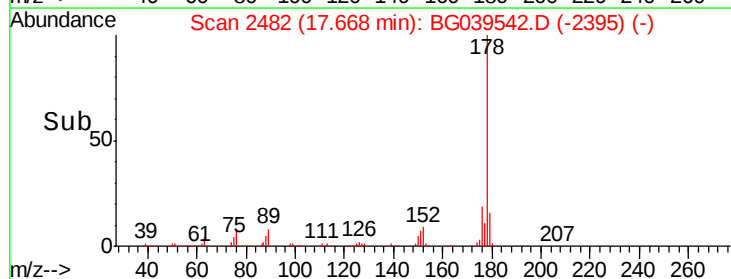
179 15.8 12.5 18.7

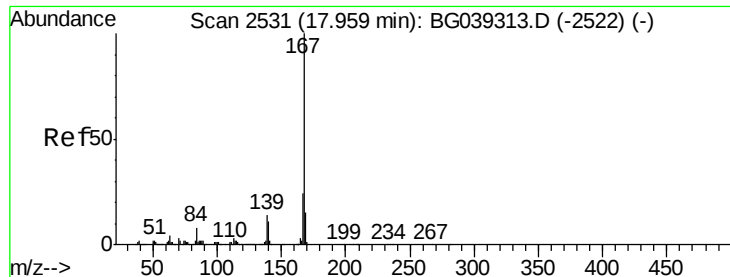


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

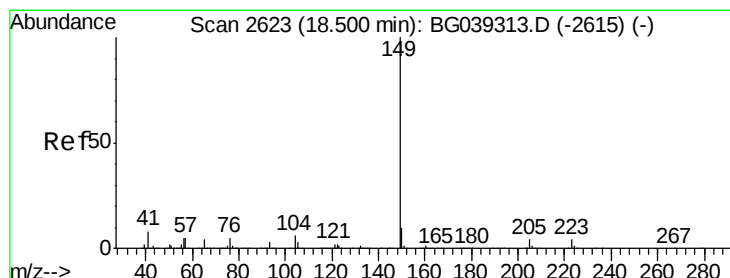
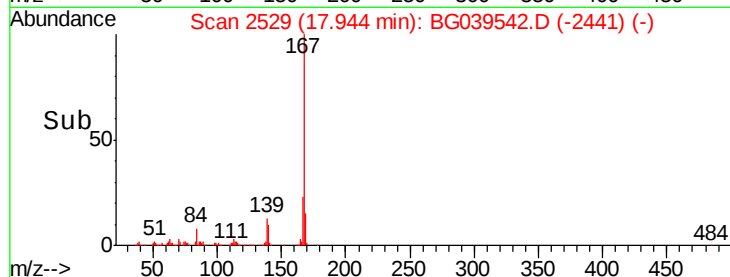
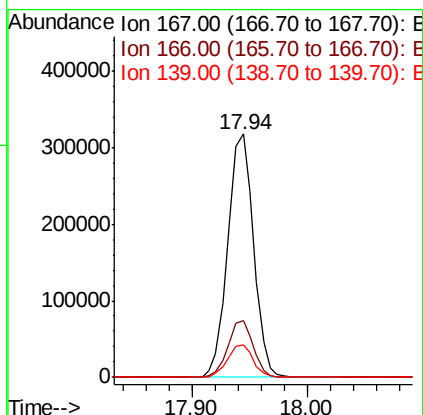
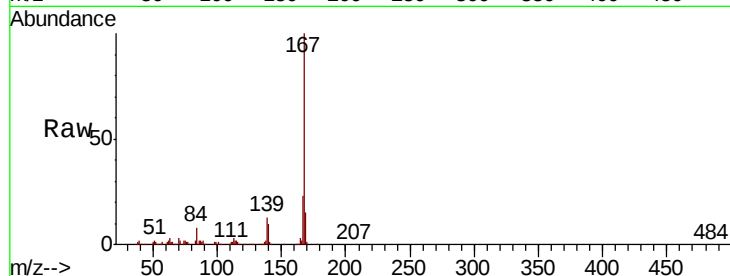




#73
 Carbazole
 Concen: 23.059 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

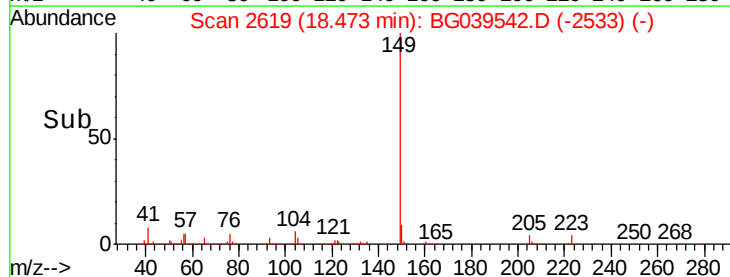
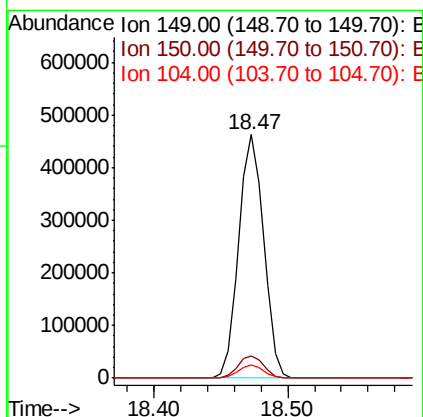
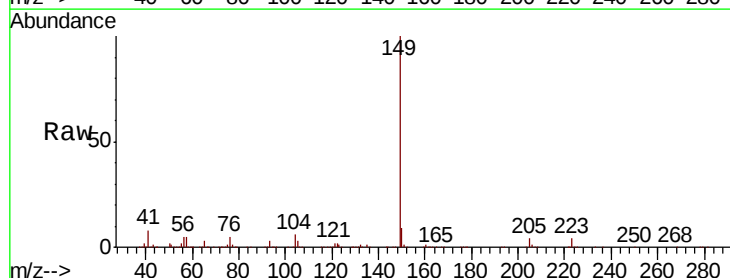
Instrument :
 BNA_G
 ClientSampleId :
 M-12-DMS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.4	29.2
139	13.4	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 24.142 ng
 RT: 18.47 min Scan# 2619
 Delta R.T. -0.03 min
 Lab File: BG039542.D
 Acq: 18 Feb 2019 16:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 26.126 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

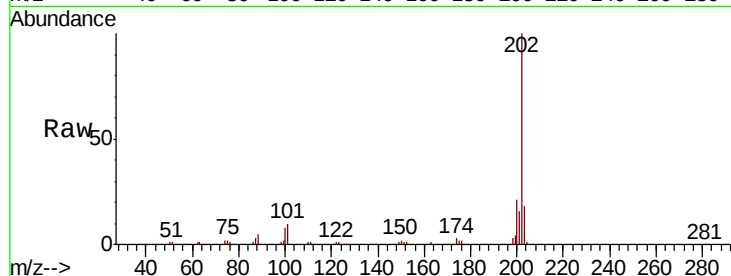
Instrument :

BNA_G

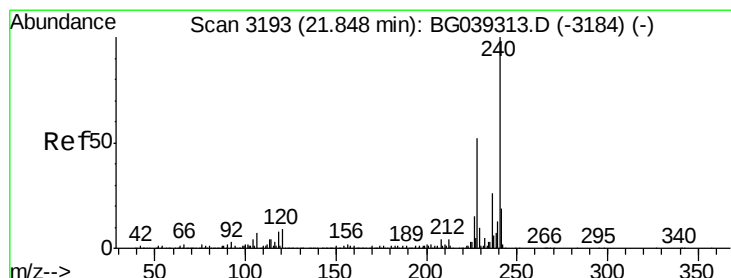
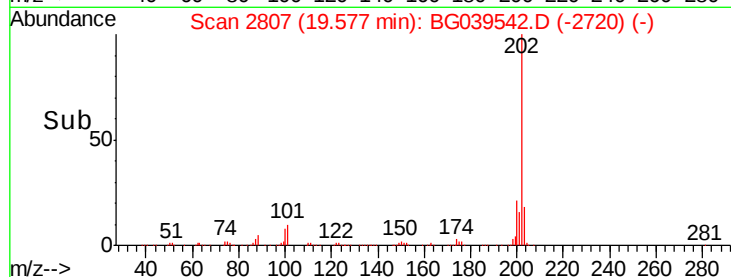
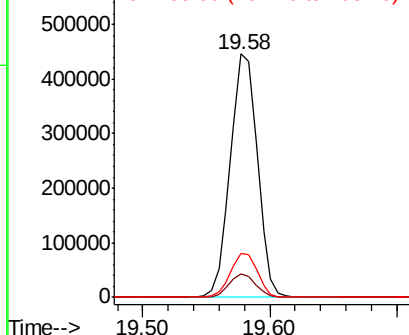
ClientSampleId :

M-12-DMS

Tgt Ion:	202	Resp:	658235
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.0
203	18.0	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

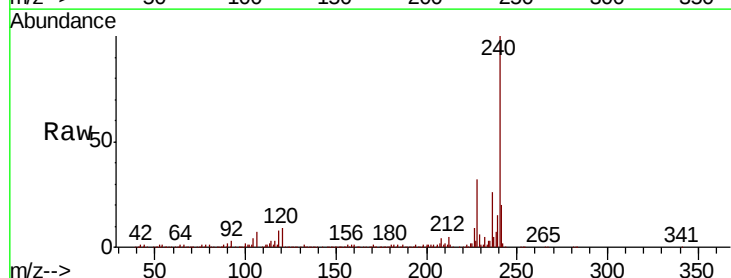
RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

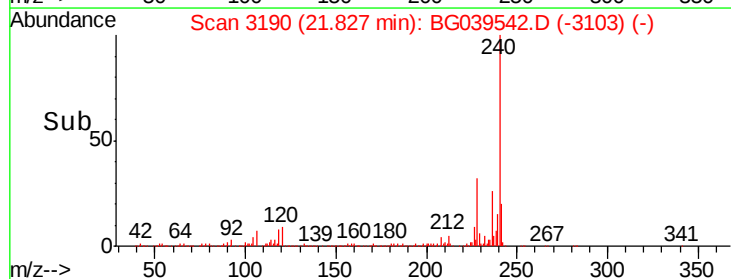
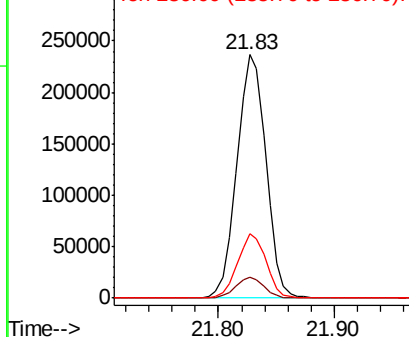
Lab File: BG039542.D

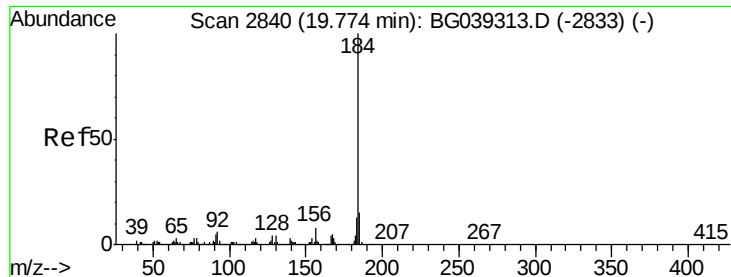
Acq: 18 Feb 2019 16:47

Tgt Ion:	240	Resp:	411562
Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.0	10.6
236	26.3	21.0	31.4



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: 7.608 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

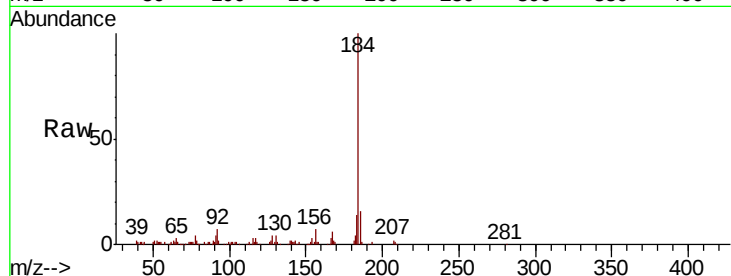
Tgt Ion:184 Resp: 102660

Ion Ratio Lower Upper

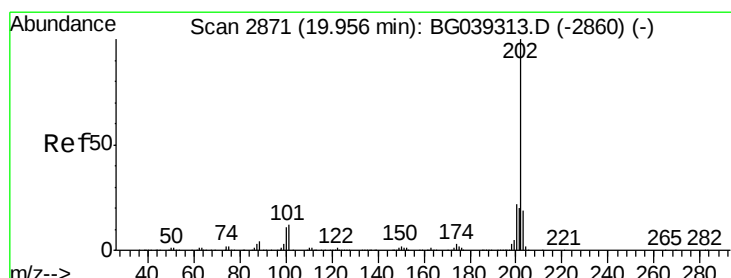
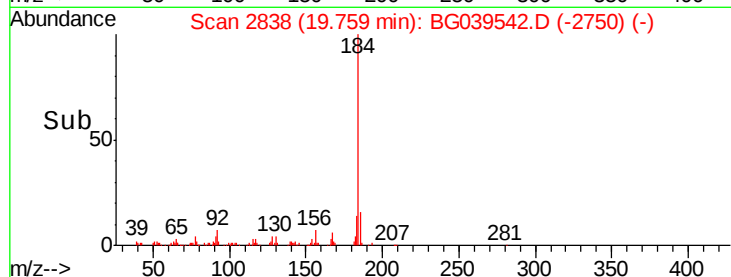
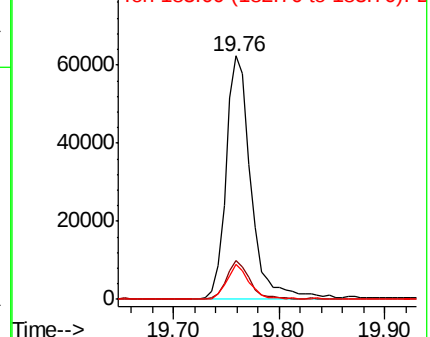
184 100

185 16.0 12.2 18.2

183 14.2 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 25.975 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

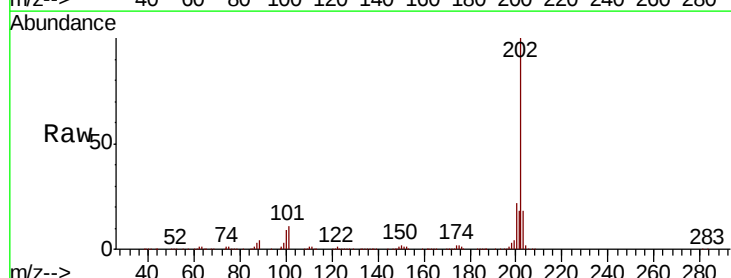
Tgt Ion:202 Resp: 665494

Ion Ratio Lower Upper

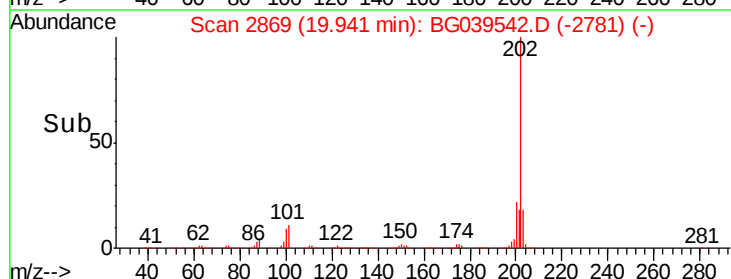
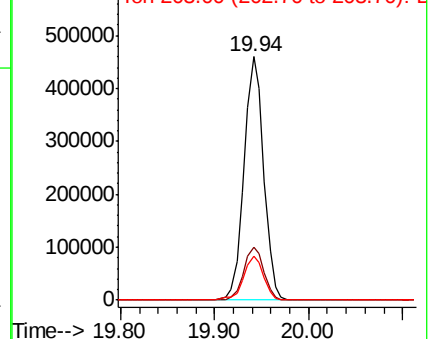
202 100

200 21.7 17.8 26.8

203 18.3 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 51.789 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

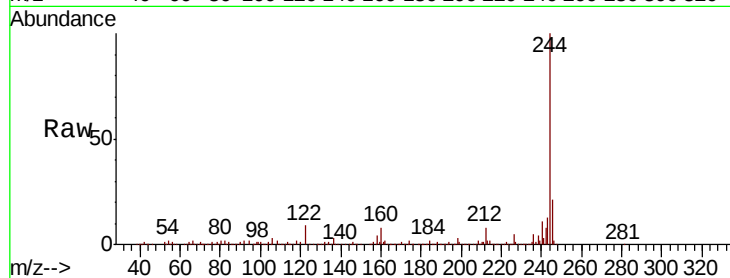
Tgt Ion:244 Resp: 1006972

Ion Ratio Lower Upper

244 100

212 8.2 7.3 10.9

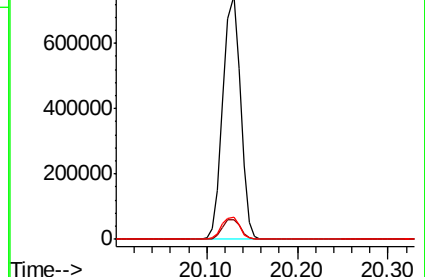
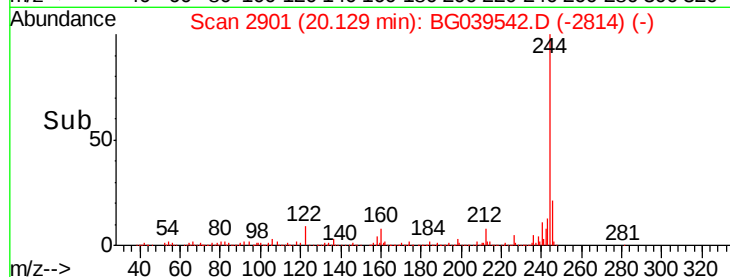
122 9.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 25.194 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

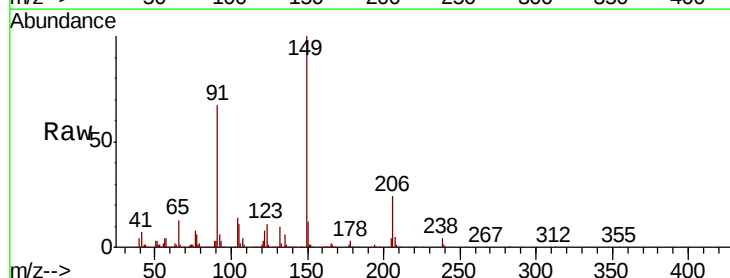
Tgt Ion:149 Resp: 272292

Ion Ratio Lower Upper

149 100

91 67.4 59.5 89.3

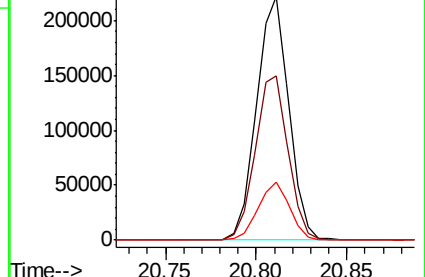
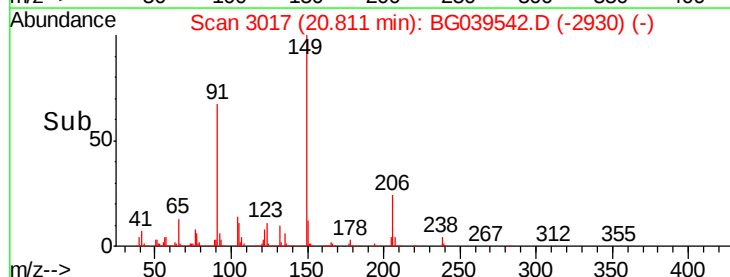
206 24.0 18.6 27.8

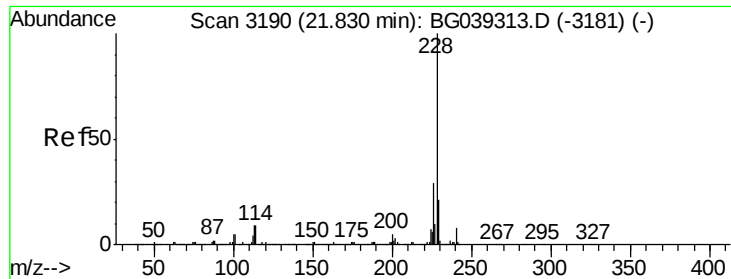


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

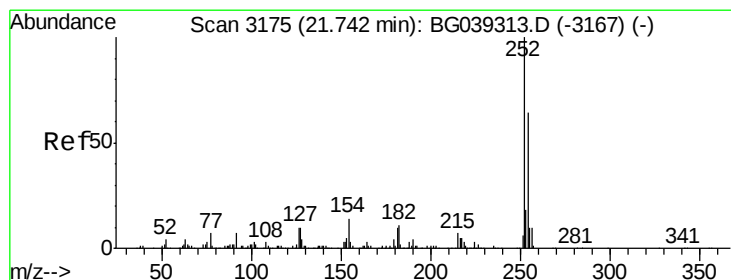
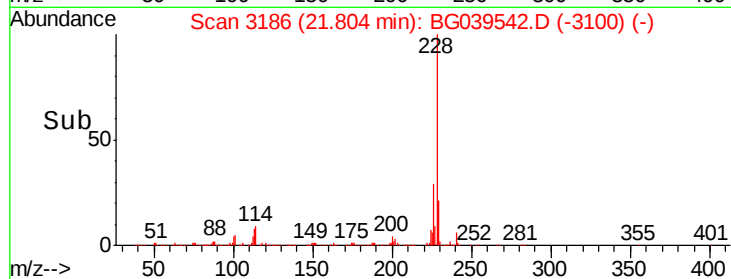
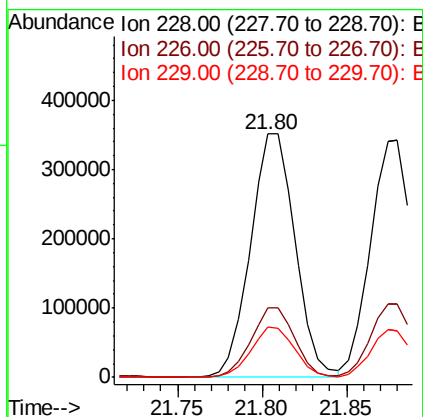
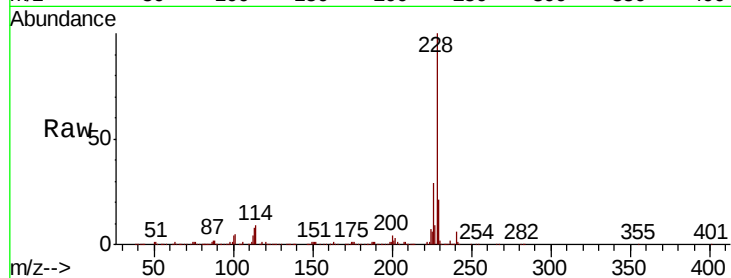




#81
Benzo(a)anthracene
Concen: 26.561 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

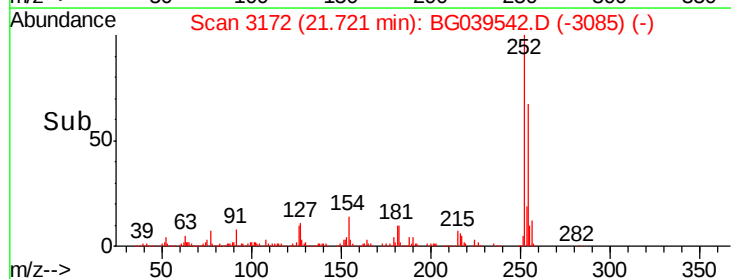
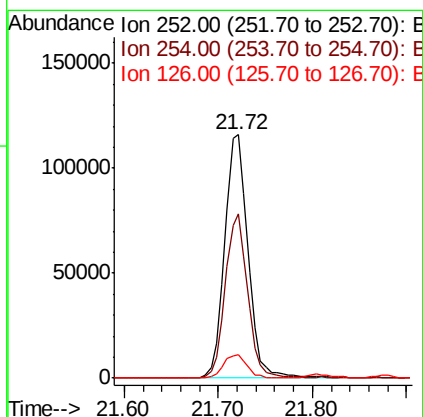
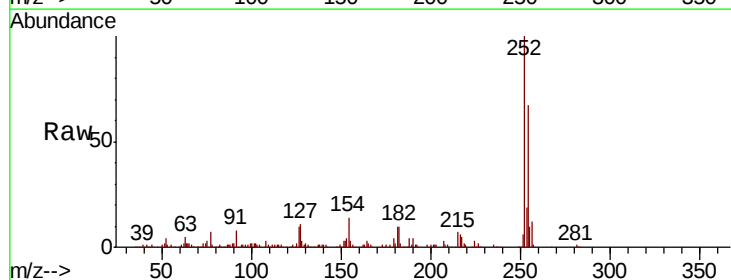
Instrument :
BNA_G
ClientSampleId :
M-12-DMS

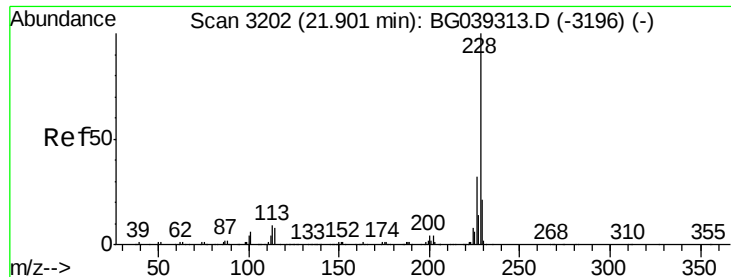
Tgt Ion: 228 Resp: 645942
Ion Ratio Lower Upper
228 100
226 28.8 23.0 34.6
229 20.6 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 22.260 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion: 252 Resp: 200727
Ion Ratio Lower Upper
252 100
254 67.4 51.3 76.9
126 9.7 8.0 12.0





#83

Chrysene

Concen: 25.734 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

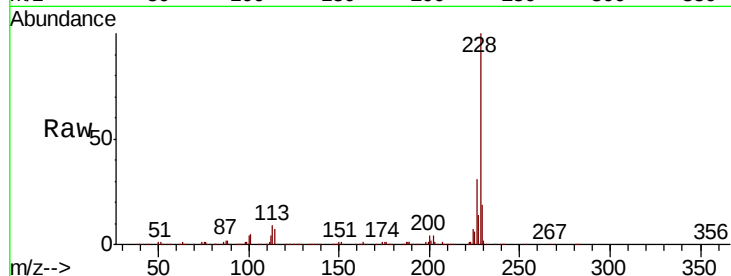
Tgt Ion:228 Resp: 595751

Ion Ratio Lower Upper

228 100

226 30.8 25.8 38.6

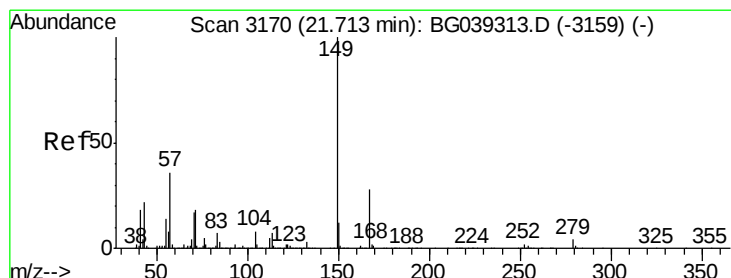
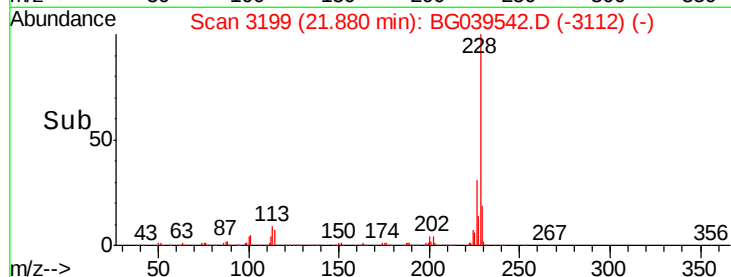
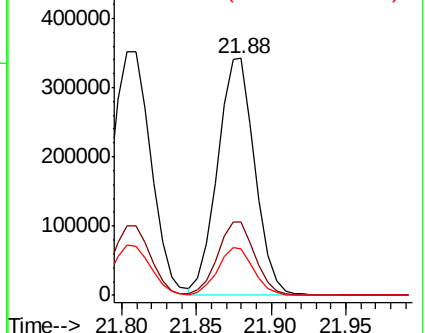
229 19.4 16.6 25.0



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: 24.979 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.04 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

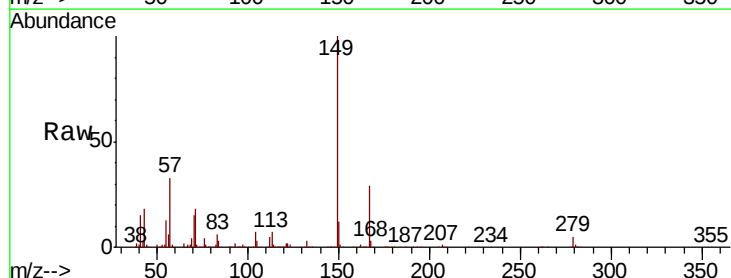
Tgt Ion:149 Resp: 385150

Ion Ratio Lower Upper

149 100

167 28.8 22.6 34.0

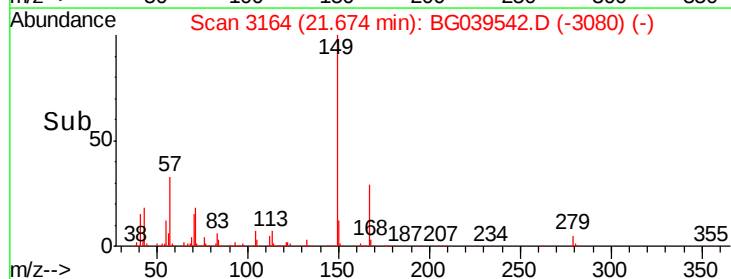
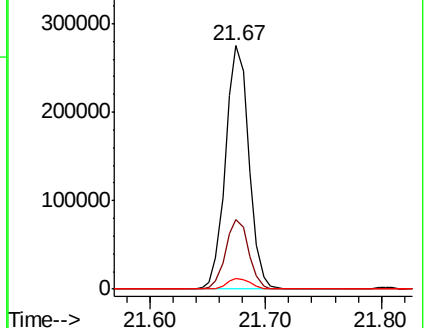
279 4.5 3.5 5.3

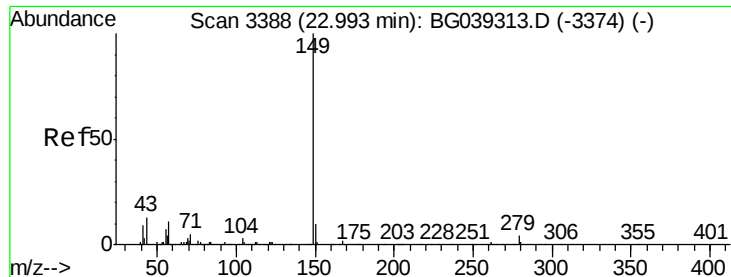


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 25.767 ng

RT: 22.94 min Scan# 3379

Delta R.T. -0.06 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

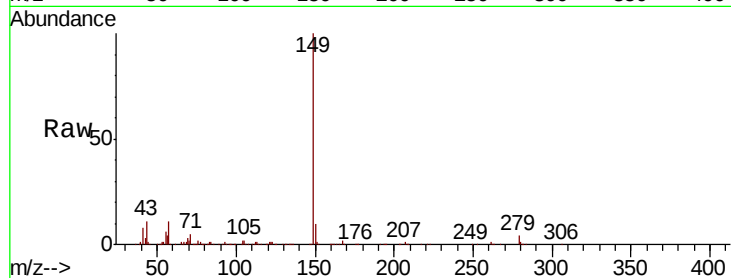
Tgt Ion:149 Resp: 656383

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

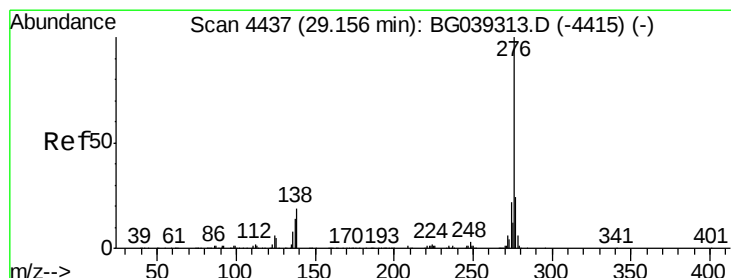
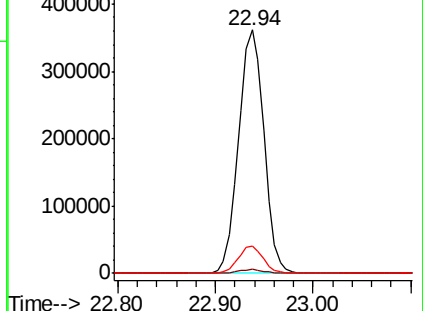
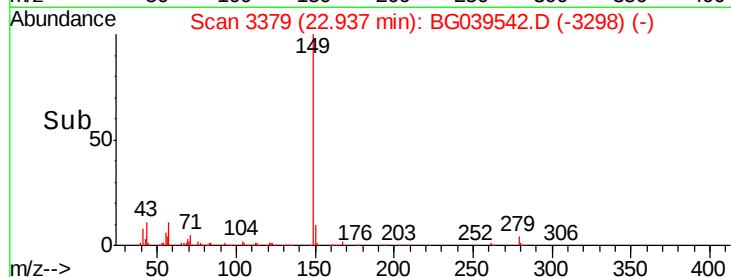
43 10.6 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 25.917 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

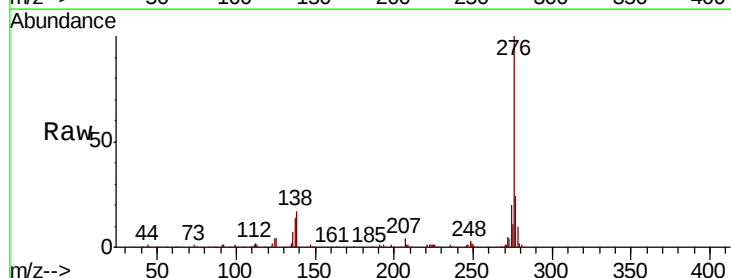
Tgt Ion:276 Resp: 643720

Ion Ratio Lower Upper

276 100

138 14.3 12.6 19.0

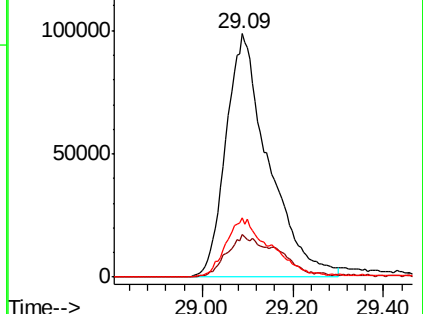
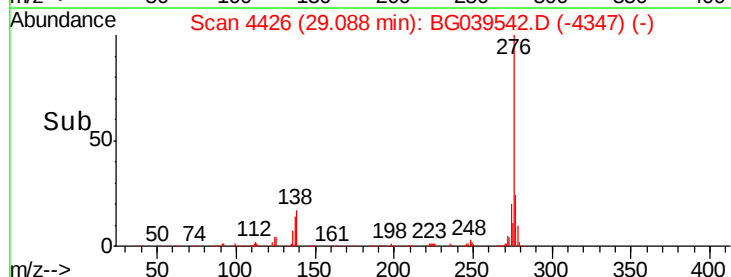
277 25.3 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



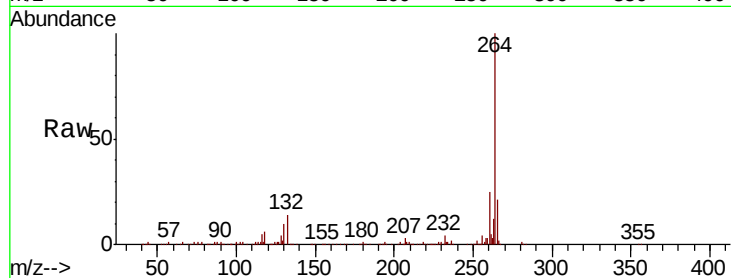


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

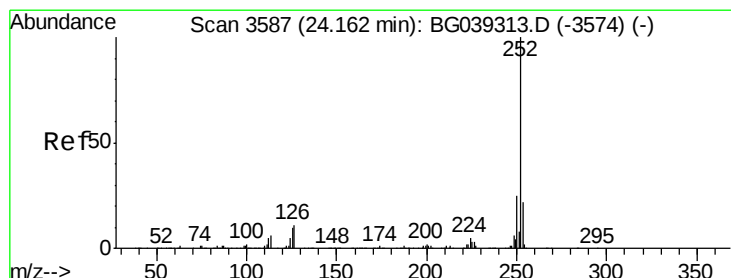
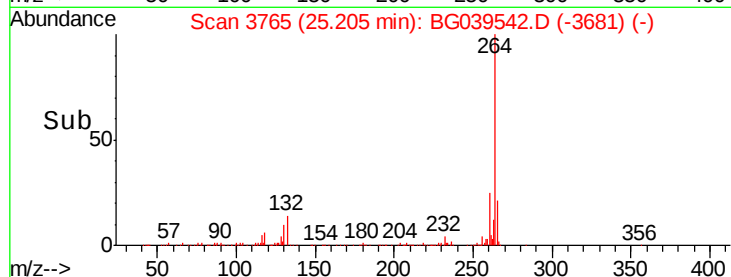
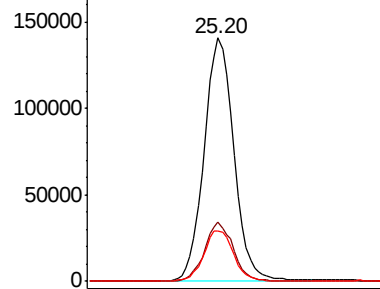
Instrument :
BNA_G
ClientSampleId :
M-12-DMS

Tgt Ion: 264 Resp: 425040

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	20.9	18.5	27.7



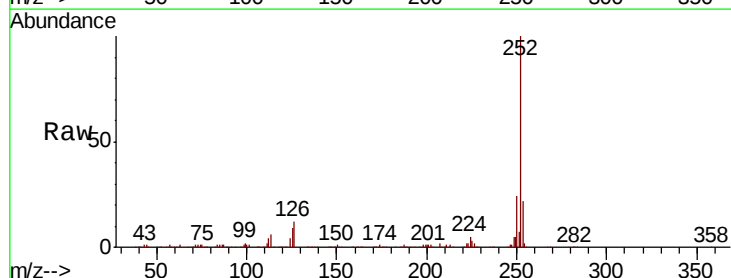
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



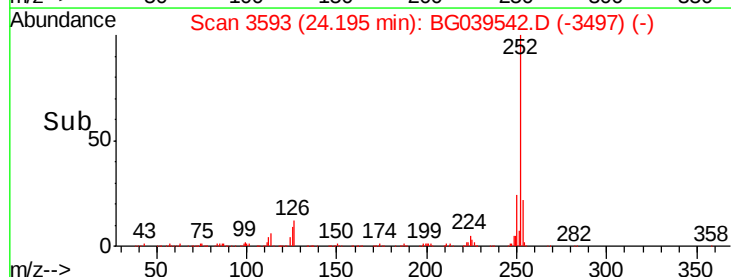
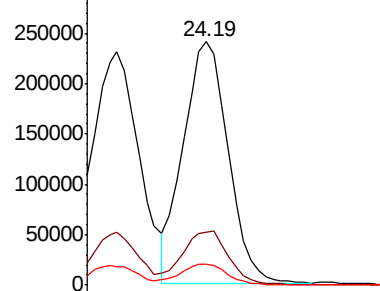
#88
Benzo(b)fluoranthene
Concen: 25.449 ng
RT: 24.19 min Scan# 3593
Delta R.T. 0.03 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion: 252 Resp: 589906

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	8.6	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 25.348 ng

RT: 24.19 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

Instrument :

BNA_G

ClientSampleId :

M-12-DMS

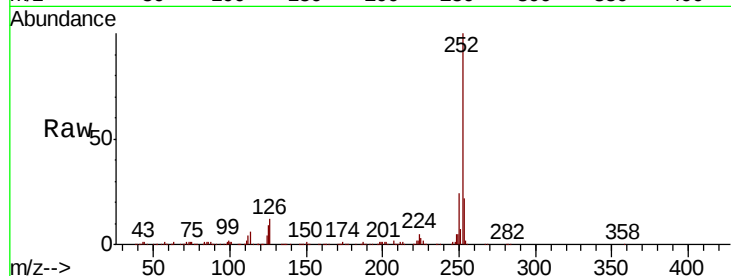
Tgt Ion:252 Resp: 589906

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

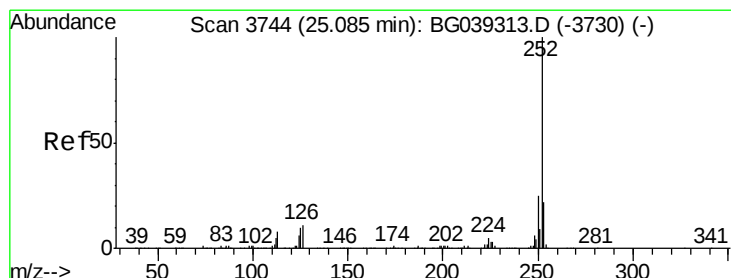
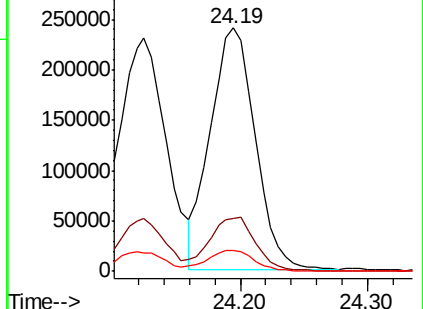
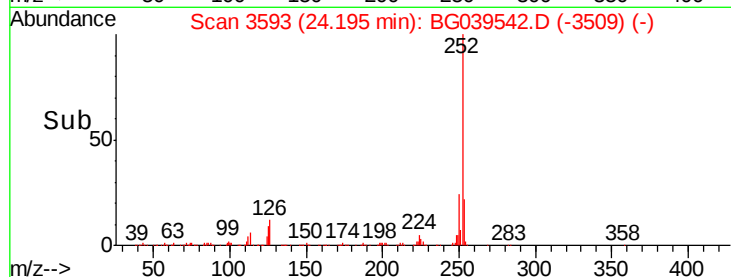
125 8.6 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 26.578 ng

RT: 25.05 min Scan# 3738

Delta R.T. -0.04 min

Lab File: BG039542.D

Acq: 18 Feb 2019 16:47

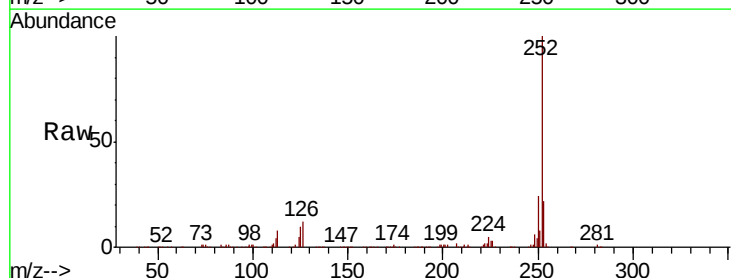
Tgt Ion:252 Resp: 593329

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

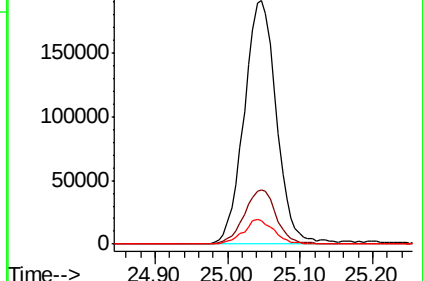
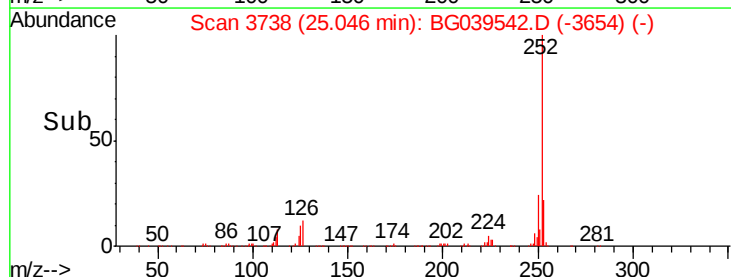
125 9.8 8.3 12.5

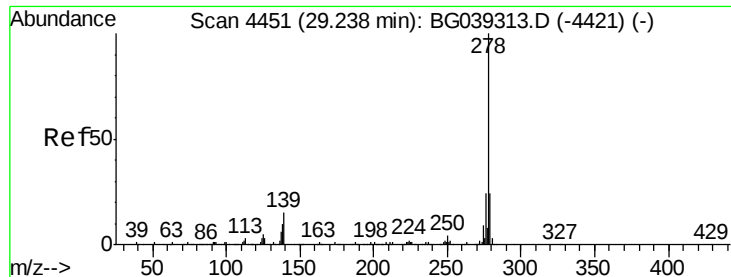


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

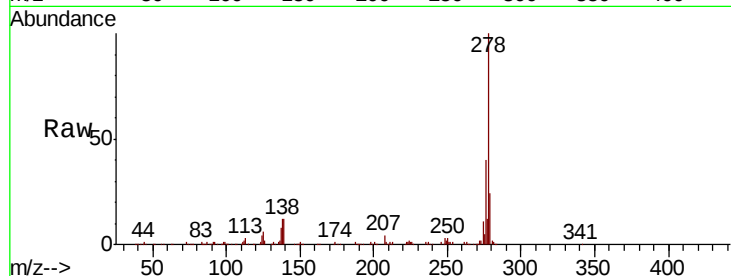




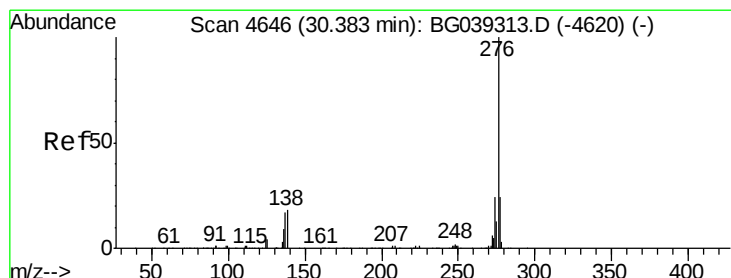
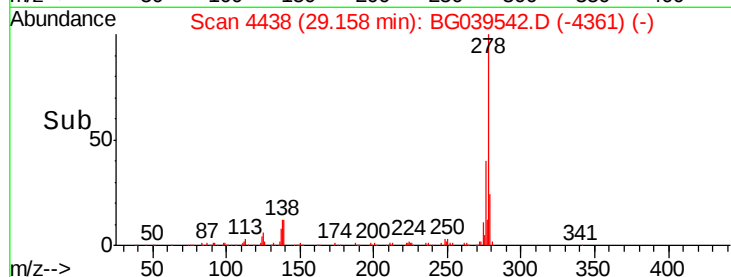
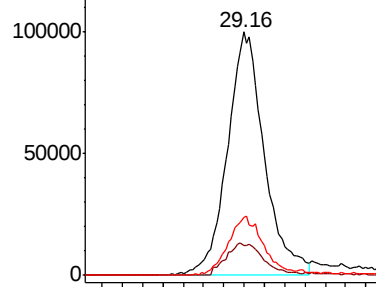
#91
Dibenzo(a,h)anthracene
Concen: 24.166 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.08 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Instrument :
BNA_G
ClientSampleId :
M-12-DMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	11.7	17.5
279	23.7	19.1	28.7

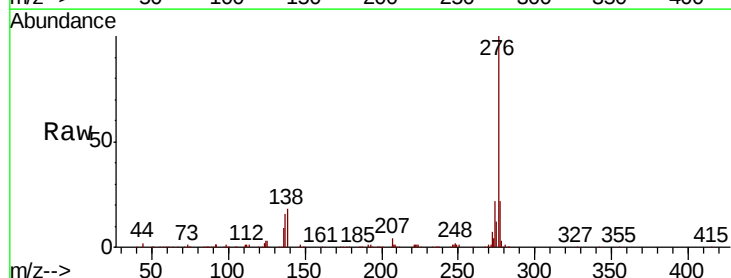


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 24.881 ng
RT: 30.32 min Scan# 4635
Delta R.T. -0.07 min
Lab File: BG039542.D
Acq: 18 Feb 2019 16:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.6	29.4
138	17.9	14.7	22.1



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

