

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
 Data File : BG039312.D
 Acq On : 29 Jan 2019 10:55
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 12:11:36 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 10:46:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	40809	20.00	ng	-0.01
21) Naphthalene-d8	11.01	136	173612	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	115179	20.00	ng	-0.03
64) Phenanthrene-d10	17.55	188	283347	20.00	ng	-0.03
76) Chrysene-d12	21.85	240	289749	20.00	ng	0.00
87) Perylene-d12	25.25	264	292580	20.00	ng	0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	120895	56.20	ng	-0.02
7) Phenol-d6	7.32	99	180563	58.32	ng	-0.04
23) Nitrobenzene-d5	9.36	82	129904	40.94	ng	0.00
42) 2,4,6-Tribromophenol	16.30	330	62551	32.40	ng	-0.04
45) 2-Fluorobiphenyl	13.43	172	420047	49.91	ng	-0.02
79) Terphenyl-d14	20.15	244	725538	46.32	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.62	88	26278	31.193	ng	# 89
3) Pyridine	4.02	79	75373	32.927	ng	98
4) n-Nitrosodimethylamine	3.94	42	34014	33.021	ng	# 94
6) Aniline	7.51	93	112287	30.200	ng	93
8) 2-Chlorophenol	7.74	128	66769	26.330	ng	90
9) Benzaldehyde	7.32	77	52594	29.457	ng	82
10) Phenol	7.34	94	94708	30.512	ng	97
11) bis(2-Chloroethyl)ether	7.60	93	74539	31.421	ng	95
12) 1,3-Dichlorobenzene	8.07	146	79486	26.161	ng	93
13) 1,4-Dichlorobenzene	8.22	146	79364	25.792	ng	97
14) 1,2-Dichlorobenzene	8.54	146	76495	26.073	ng	97
15) Benzyl Alcohol	8.42	79	70223	30.119	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.71	45	166803	36.669	ng	97
17) 2-Methylphenol	8.61	107	60665	28.147	ng	99
18) Hexachloroethane	9.28	117	28120	26.899	ng	85
19) n-Nitroso-di-n-propylamine	8.99	70	64067	31.513	ng	# 90
20) 3+4-Methylphenols	8.93	107	83402	27.141	ng	97
22) Acetophenone	9.02	105	120266	26.526	ng	94
24) Nitrobenzene	9.40	77	72267	22.535	ng	89
25) Isophorone	9.92	82	159646	29.211	ng	# 93
26) 2-Nitrophenol	10.12	139	22515	12.980	ng	94
27) 2,4-Dimethylphenol	10.15	122	63328	25.950	ng	86
28) bis(2-Chloroethoxy)methane	10.40	93	99498	30.292	ng	98
29) 2,4-Dichlorophenol	10.64	162	71719	23.656	ng	96
30) 1,2,4-Trichlorobenzene	10.86	180	78529	21.558	ng	96
31) Naphthalene	11.06	128	223774	25.699	ng	99
32) Benzoic acid	10.24	122	28866	22.330	ng	# 86
33) 4-Chloroaniline	11.17	127	103960	26.682	ng	96
34) Hexachlorobutadiene	11.33	225	51299	20.466	ng	95
35) Caprolactam	11.94	113	29551	24.307	ng	# 69
36) 4-Chloro-3-methylphenol	12.26	107	83543	25.764	ng	93
37) 2-Methylnaphthalene	12.65	142	162194	24.845	ng	98
38) 1-Methylnaphthalene	12.87	142	158991	25.373	ng	98
40) 1,2,4,5-Tetrachlorobenzene	13.01	216	93005	21.501	ng	# 98

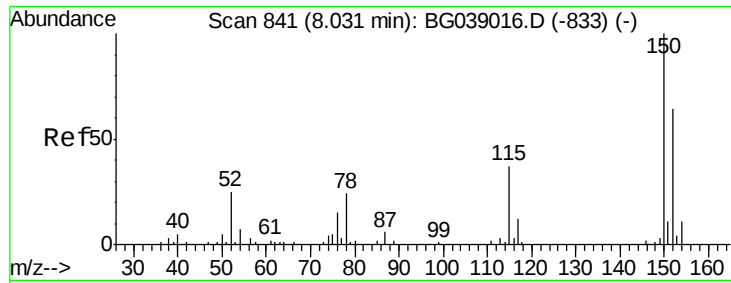
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	49570	23.309	ng	93
43) 2,4,6-Trichlorophenol	13.25	196	57709	21.197	ng	98
44) 2,4,5-Trichlorophenol	13.31	196	61989	21.543	ng #	91
46) 1,1'-Biphenyl	13.65	154	243608	26.692	ng	96
47) 2-Chloronaphthalene	13.69	162	181133	24.526	ng	93
48) 2-Nitroaniline	13.89	65	38958	18.829	ng #	83
49) Acenaphthylene	14.54	152	286458	25.805	ng	99
50) Dimethylphthalate	14.26	163	244470	25.117	ng	100
51) 2,6-Dinitrotoluene	14.39	165	35875	16.486	ng	94
52) Acenaphthene	14.87	154	183673	27.539	ng	95
53) 3-Nitroaniline	14.71	138	39830	18.043	ng #	85
54) 2,4-Dinitrophenol	14.91	184	12392	11.019	ng	90
55) Dibenzofuran	15.21	168	292268	24.812	ng	99
56) 4-Nitrophenol	14.99	139	34256	21.567	ng #	85
57) 2,4-Dinitrotoluene	15.16	165	44489	14.250	ng #	80
58) Fluorene	15.85	166	220450	24.863	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.42	232	59491	21.903	ng	94
60) Diethylphthalate	15.61	149	252478	25.177	ng	99
61) 4-Chlorophenyl-phenylether	15.84	204	122786	21.981	ng	92
62) 4-Nitroaniline	15.88	138	45594	19.827	ng	90
63) Azobenzene	16.14	77	245879	31.353	ng	95
65) 4,6-Dinitro-2-methylphenol	15.92	198	20532	9.781	ng	83
66) n-Nitrosodiphenylamine	16.05	169	220351	26.233	ng	98
67) 4-Bromophenyl-phenylether	16.74	248	79250	21.758	ng #	90
68) Hexachlorobenzene	16.84	284	81186	20.427	ng #	92
69) Atrazine	16.99	200	87620	24.555	ng	96
70) Pentachlorophenol	17.19	266	53231	25.033	ng	94
71) Phenanthrene	17.60	178	379197	25.319	ng	98
72) Anthracene	17.69	178	376673	25.437	ng	99
73) Carbazole	17.96	167	381102	26.070	ng	95
74) Di-n-butylphthalate	18.50	149	447752	27.533	ng	98
75) Fluoranthene	19.60	202	451646	24.326	ng	95
77) Benzidine	19.78	184	222081	25.059	ng	98
78) Pyrene	19.96	202	467816	25.335	ng	100
80) Butylbenzylphthalate	20.84	149	196333	27.956	ng	91
81) Benzo(a)anthracene	21.83	228	442493	25.087	ng	99
82) 3,3'-Dichlorobenzidine	21.74	252	166585	23.180	ng #	94
83) Chrysene	21.90	228	422299	25.173	ng	99
84) Bis(2-ethylhexyl)phthalate	21.72	149	281027	28.819	ng	95
85) Di-n-octyl phthalate	22.99	149	462235	28.033	ng #	92
86) Indeno(1,2,3-cd)pyrene	29.15	276	446782	22.289	ng #	90
88) Benzo(b)fluoranthene	24.23	252	410612	25.452	ng #	98
89) Benzo(k)fluoranthene	24.23	252	410612	25.742	ng #	97
90) Benzo(a)pyrene	25.08	252	393154	25.212	ng #	97
91) Dibenzo(a,h)anthracene	29.22	278	367242	23.677	ng #	94
92) Benzo(g,h,i)perylene	30.36	276	362760	23.625	ng #	93

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

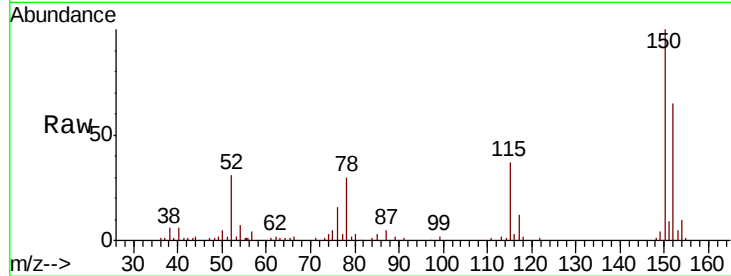


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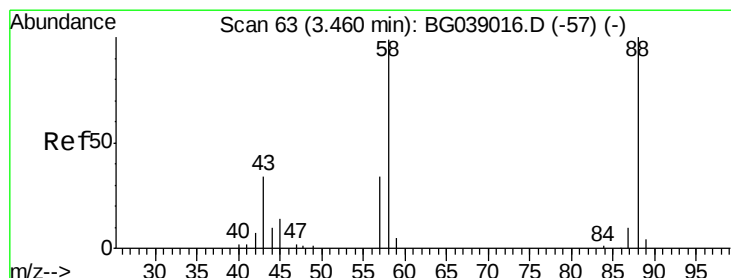
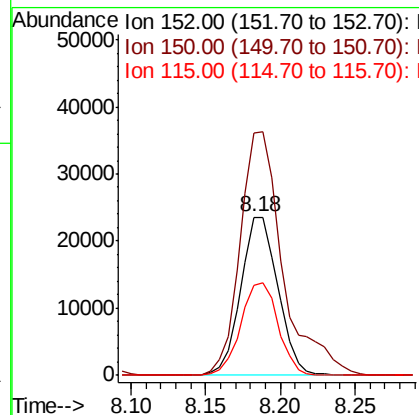
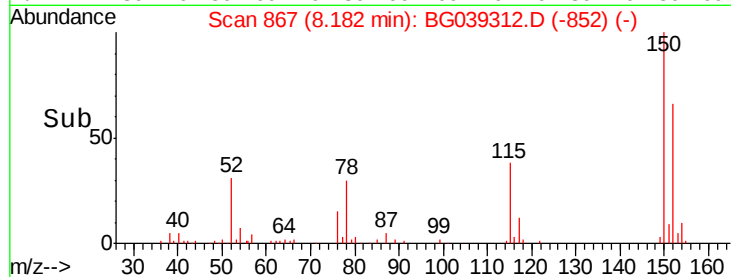
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.01 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 40809
Ion Ratio Lower Upper
152 100
150 153.4 124.7 187.1
115 56.8 46.5 69.7



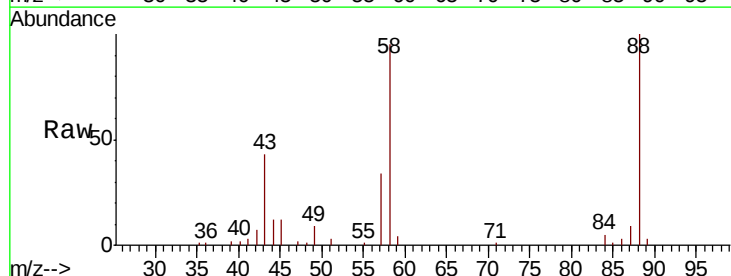
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



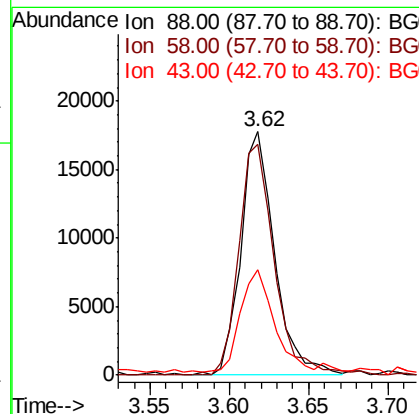
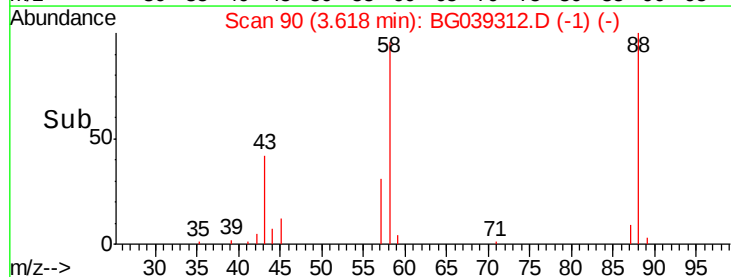
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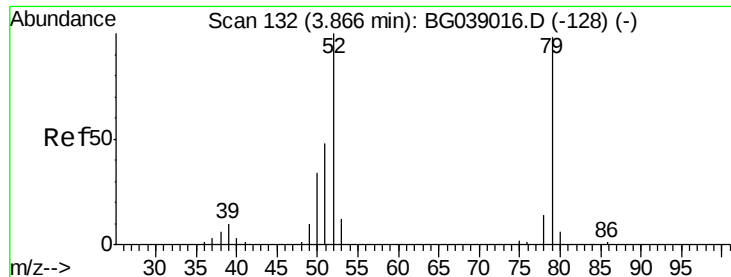
1,4-Dioxane
Concen: 31.193 ng
RT: 3.62 min Scan# 90
Delta R.T. -0.01 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion: 88 Resp: 26278
Ion Ratio Lower Upper
88 100
58 99.8 72.4 108.6
43 42.0 27.6 41.4#



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





#3

Pvridine

Concen: 32.927 ng

RT: 4.02 min Scan# 159

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampled :

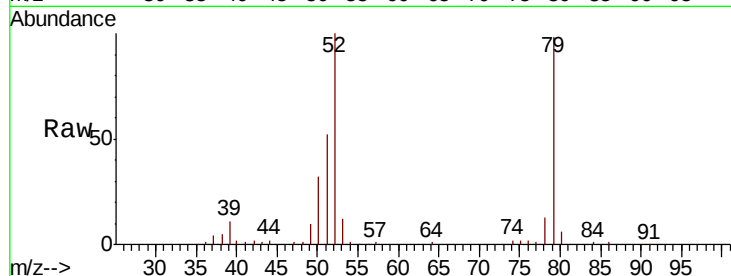
Tot Ion: 79 Resp: 75373

Ion Ratio Lower Upper

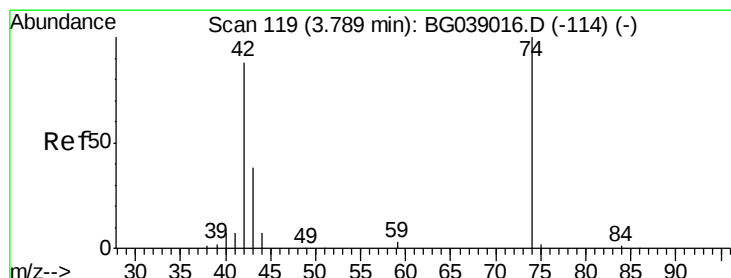
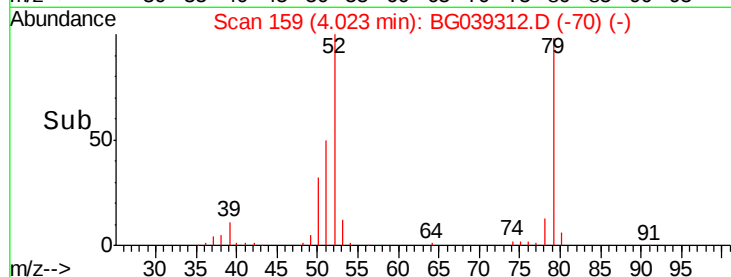
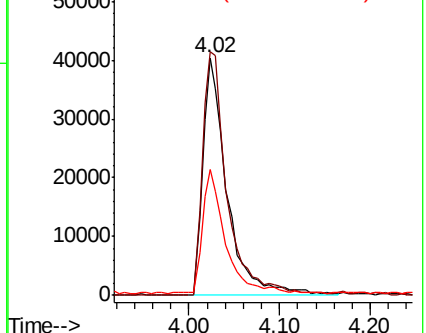
79 100

52 102.5 81.5 122.3

51 53.0 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 33.021 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

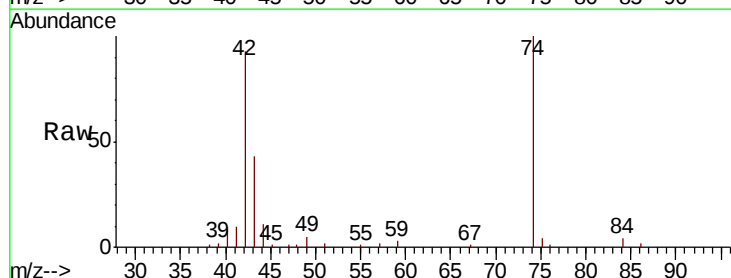
Tgt Ion: 42 Resp: 34014

Ion Ratio Lower Upper

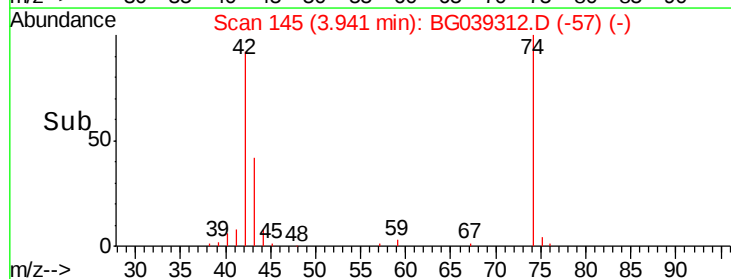
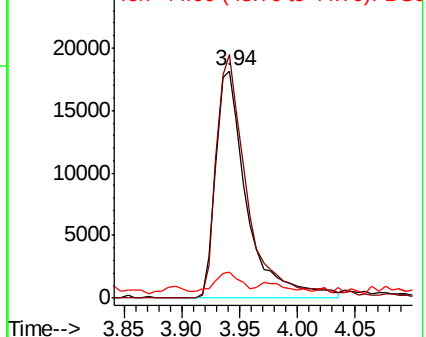
42 100

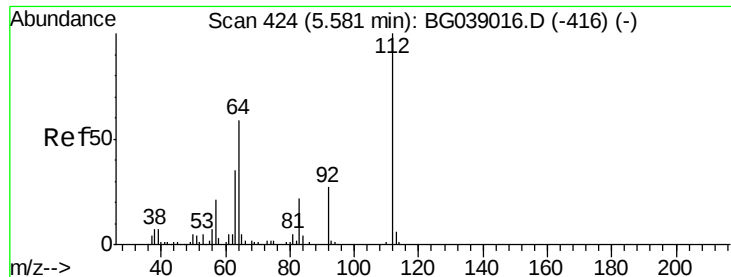
74 107.2 90.7 136.1

44 11.6 6.5 9.7#



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





#5

2-Fluorophenol

Concen: 56.197 ng

RT: 5.72 min Scan# 448

Delta R.T. -0.02 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

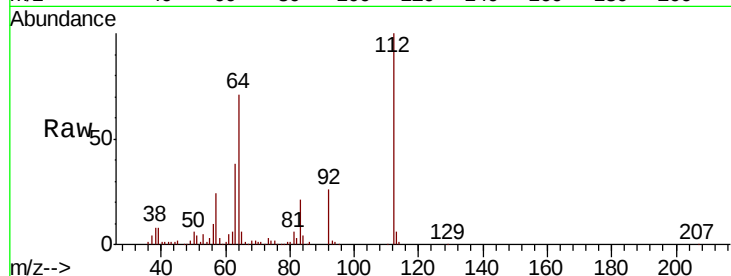
Tot Ion:112 Resp: 120895

Ion Ratio Lower Upper

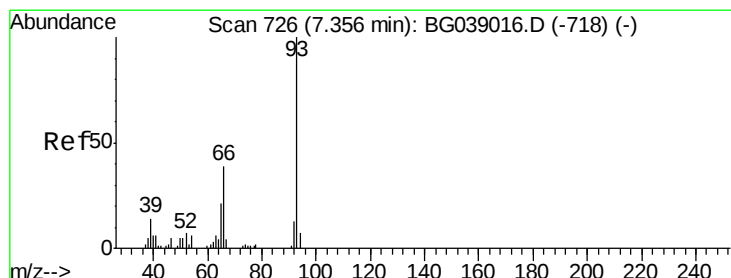
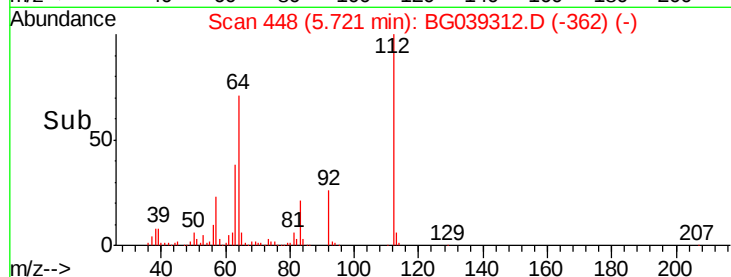
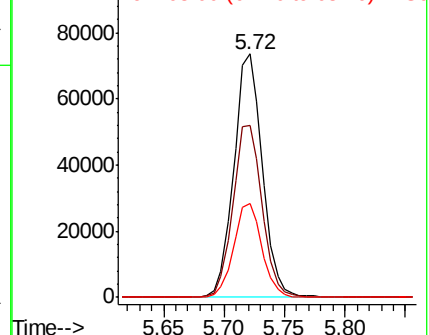
112 100

64 70.5 47.0 70.6

63 38.4 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.200 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

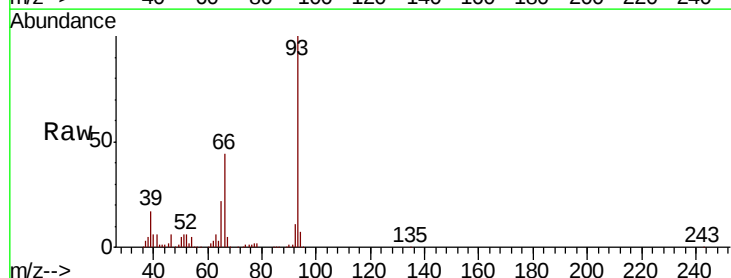
Tgt Ion: 93 Resp: 112287

Ion Ratio Lower Upper

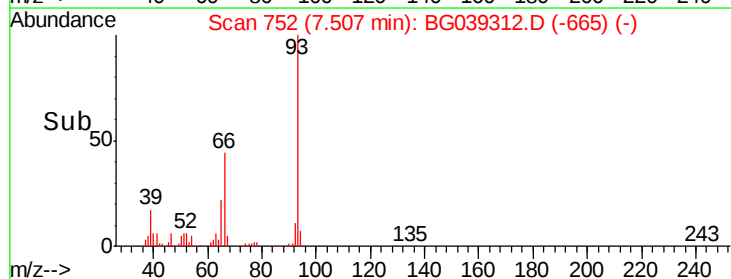
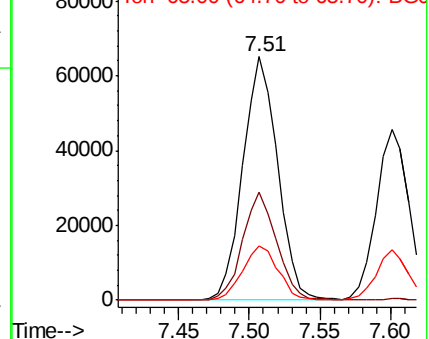
93 100

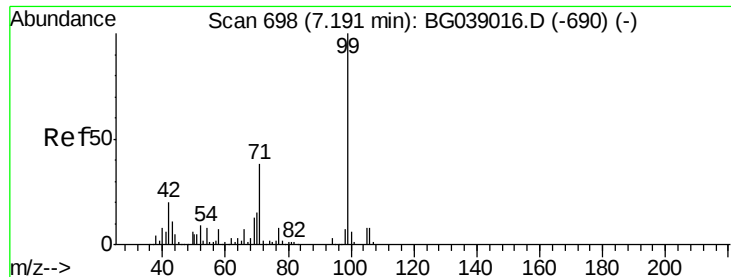
66 44.1 30.9 46.3

65 22.4 17.0 25.4



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: 58.322 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.04 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampled :

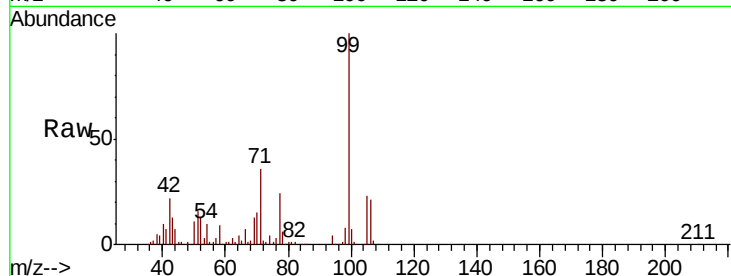
Tot Ion: 99 Resp: 180563

Ion Ratio Lower Upper

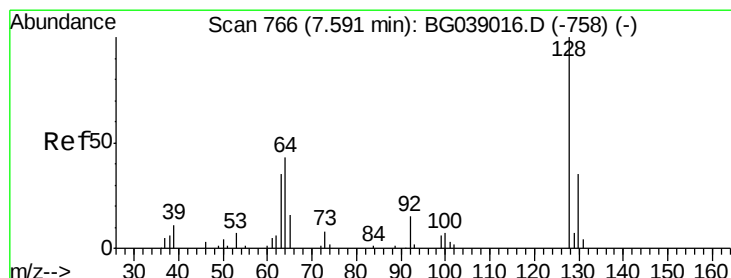
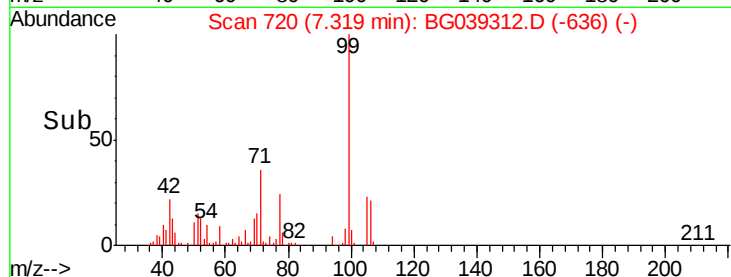
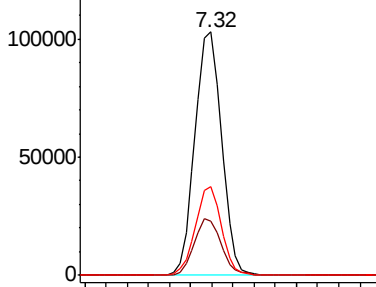
99 100

42 22.4 15.8 23.6

71 36.3 30.2 45.4



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: 26.330 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

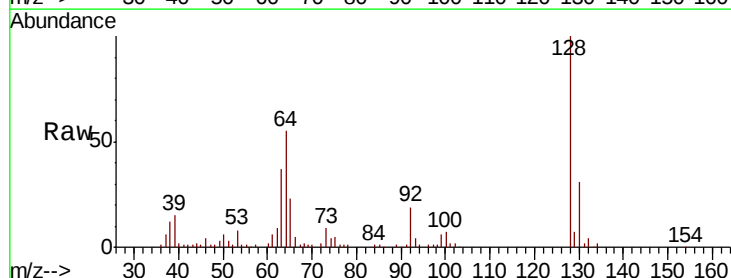
Tgt Ion: 128 Resp: 66769

Ion Ratio Lower Upper

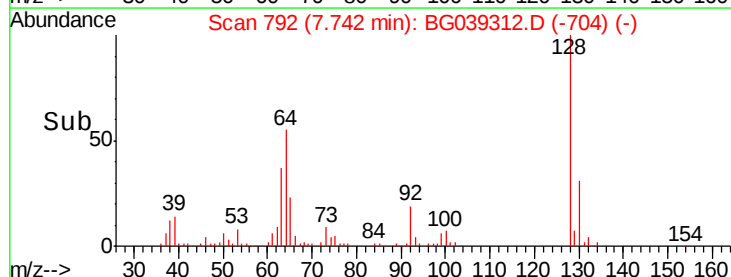
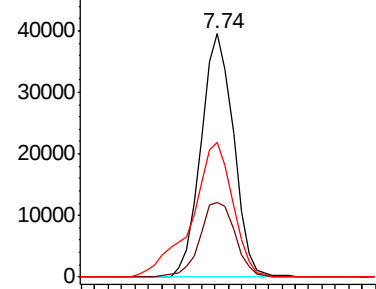
128 100

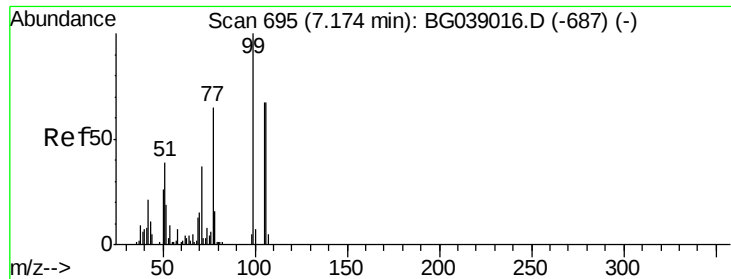
130 30.6 14.5 54.5

64 55.3 27.3 67.3



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: 29.457 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

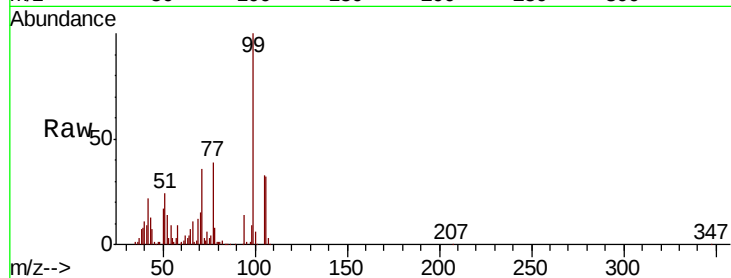
Tot Ion: 77 Resp: 52594

Ion Ratio Lower Upper

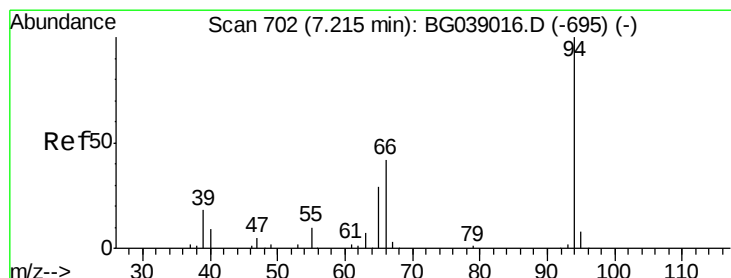
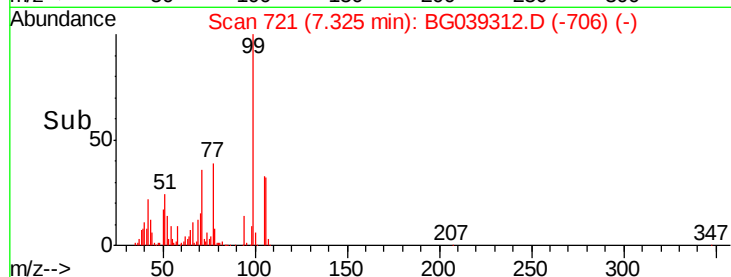
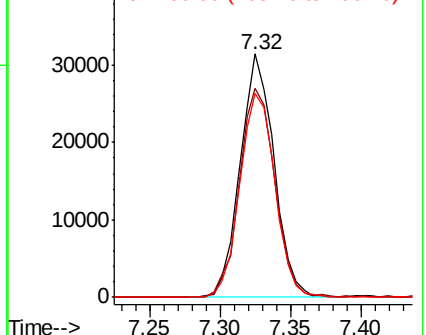
77 100

105 85.9 82.4 122.4

106 83.6 82.8 122.8



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: 30.512 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.04 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

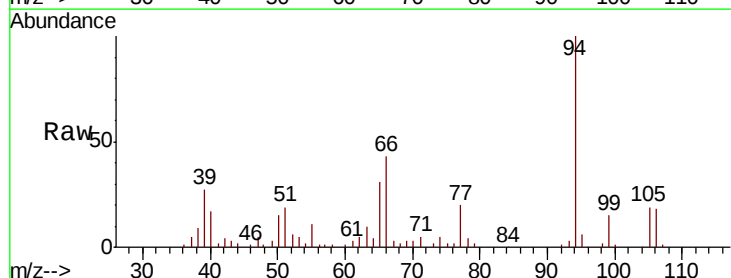
Tgt Ion: 94 Resp: 94708

Ion Ratio Lower Upper

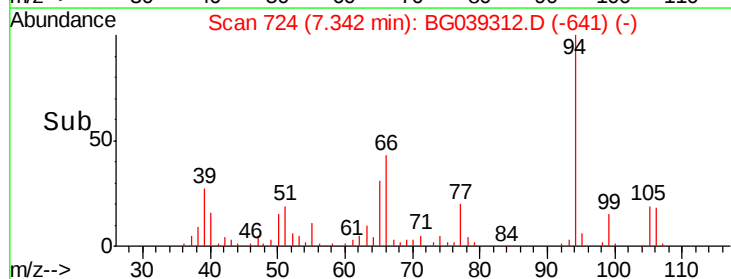
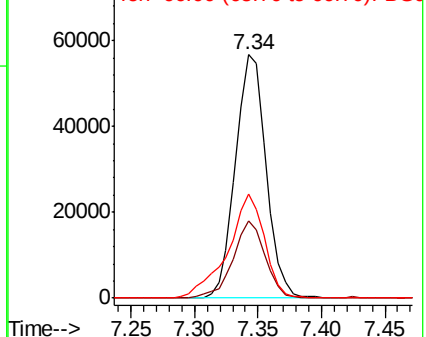
94 100

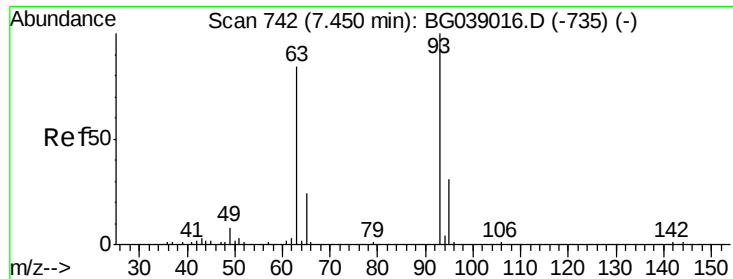
65 31.5 10.3 50.3

66 42.7 25.1 65.1



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: 31.421 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampled :

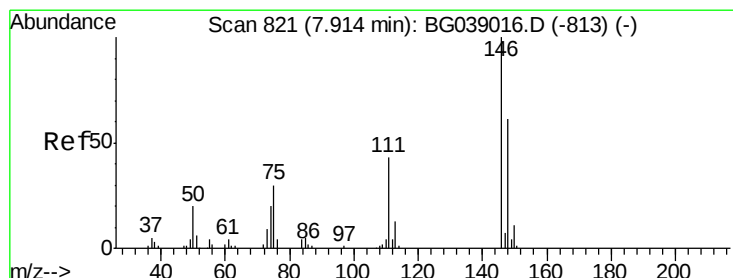
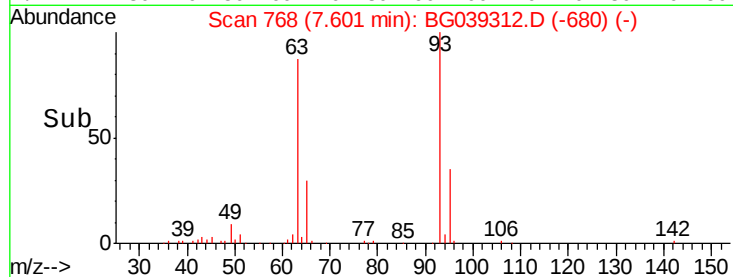
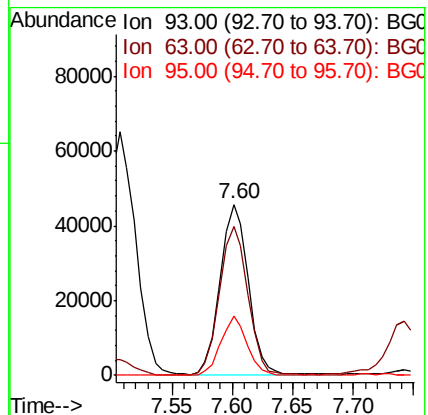
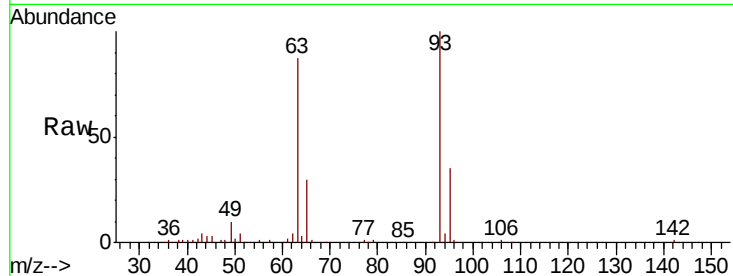
Tot Ion: 93 Resp: 74539

Ion Ratio Lower Upper

93 100

63 87.3 63.2 103.2

95 34.7 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 26.161 ng

RT: 8.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

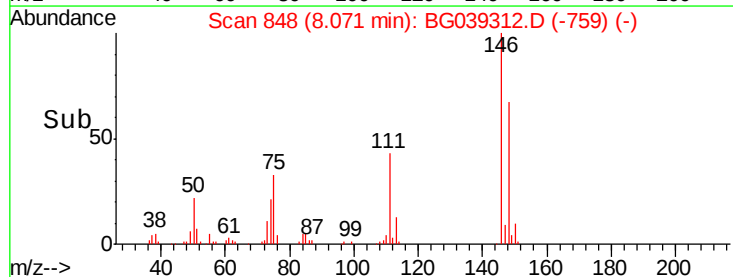
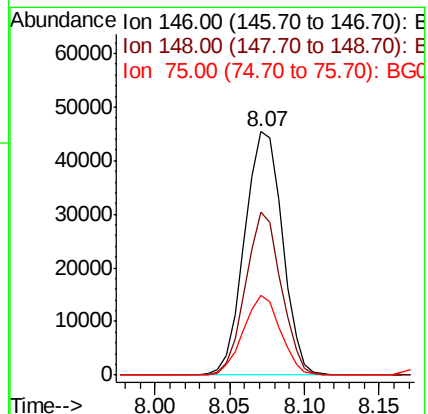
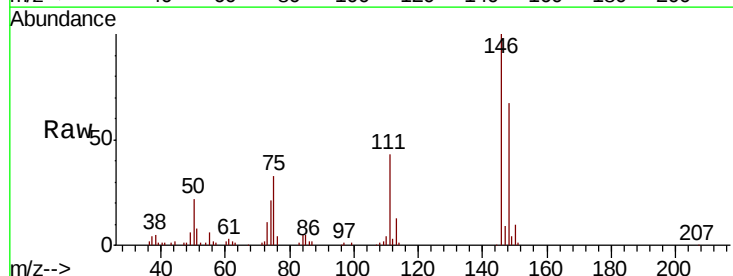
Tgt Ion: 146 Resp: 79486

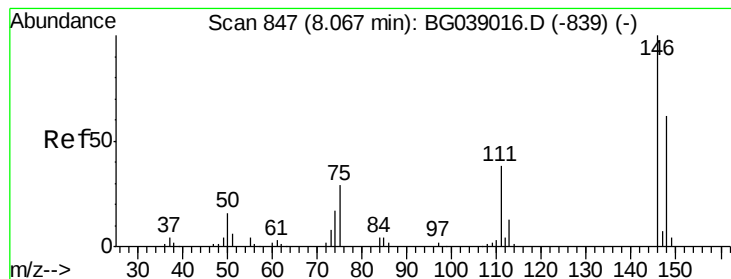
Ion Ratio Lower Upper

146 100

148 66.9 49.1 73.7

75 32.8 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 25.792 ng

RT: 8.22 min Scan# 874

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

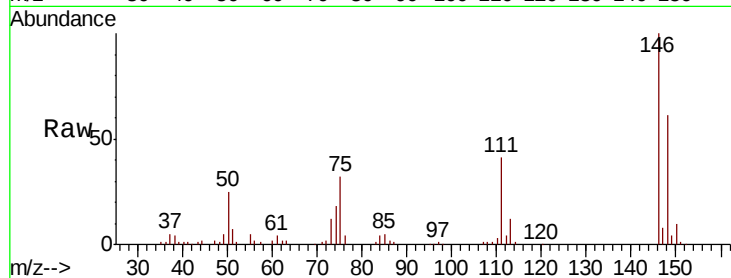
Tot Ion:146 Resp: 79364

Ion Ratio Lower Upper

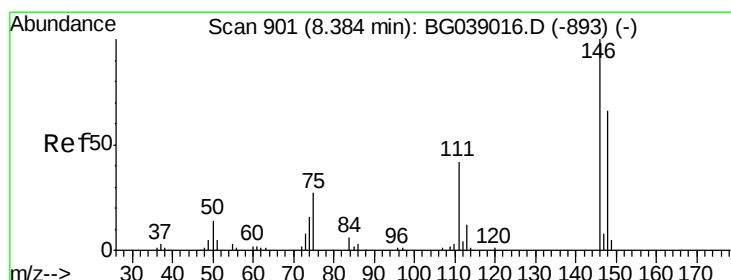
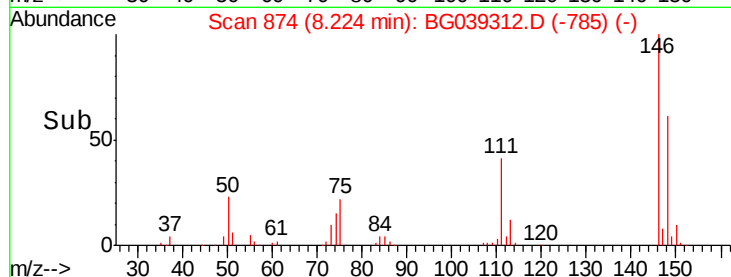
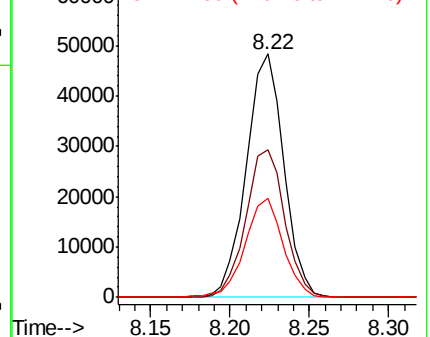
146 100

148 60.7 49.8 74.6

111 40.5 30.6 45.8



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: 26.073 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

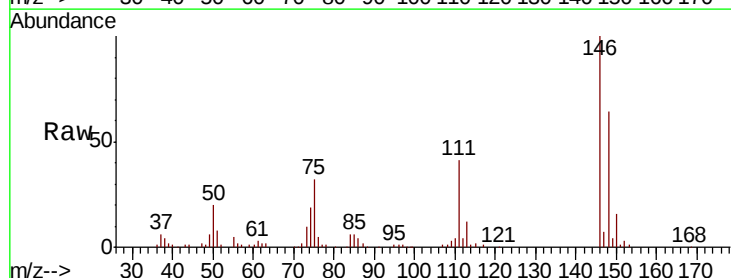
Tgt Ion:146 Resp: 76495

Ion Ratio Lower Upper

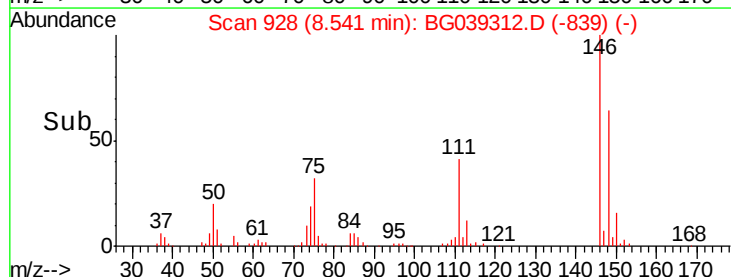
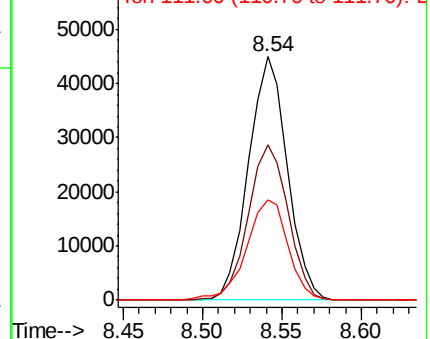
146 100

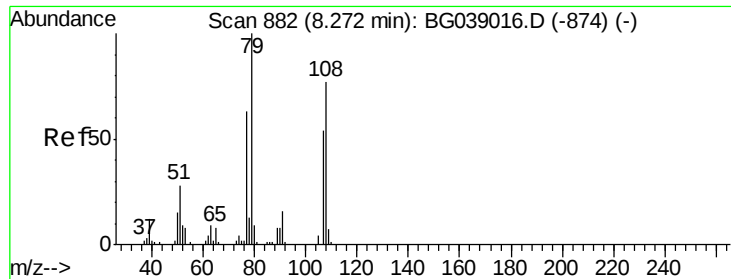
148 63.6 52.6 79.0

111 41.2 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 30.119 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.02 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampled :

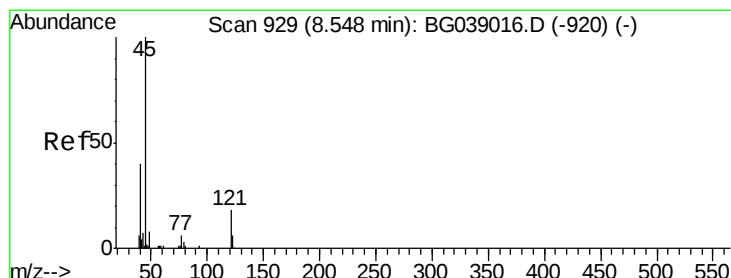
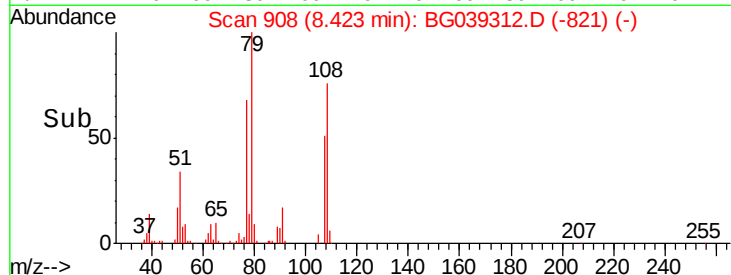
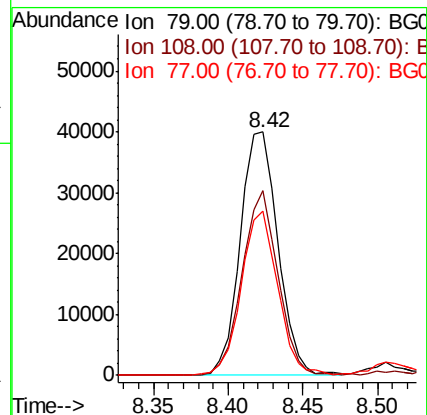
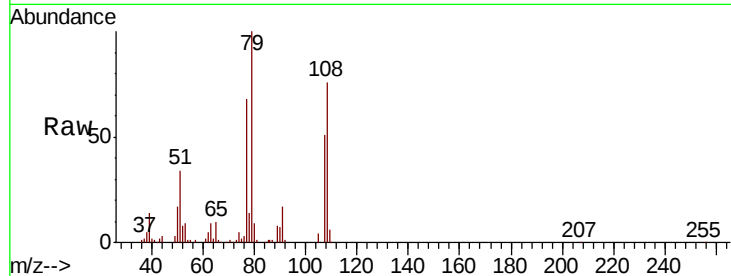
Tot Ion: 79 Resp: 70223

Ion Ratio Lower Upper

79 100

108 75.8 62.0 93.0

77 67.6 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.669 ng

RT: 8.71 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

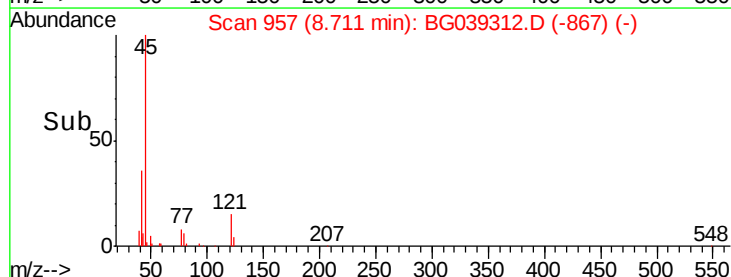
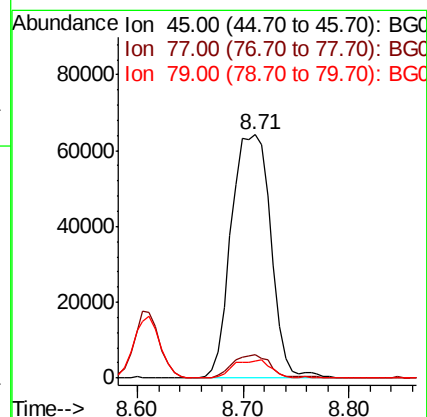
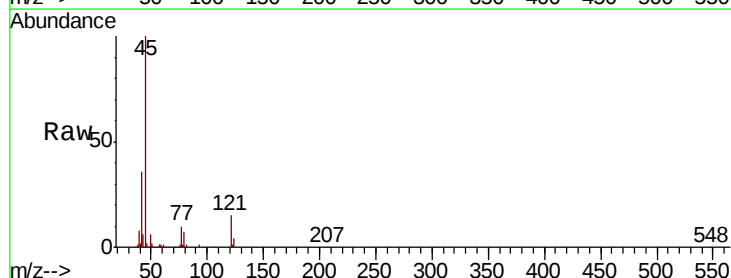
Tgt Ion: 45 Resp: 166803

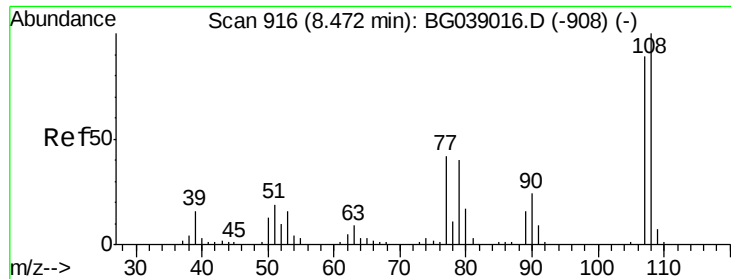
Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.7

79 7.1 0.0 28.5

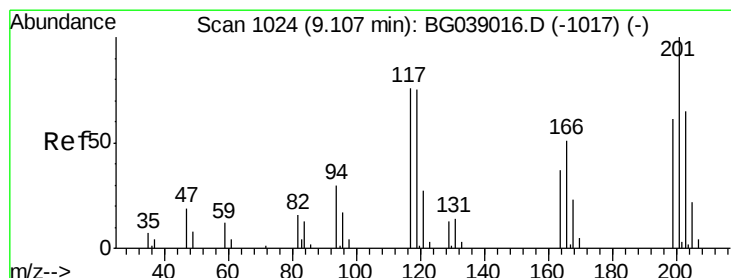
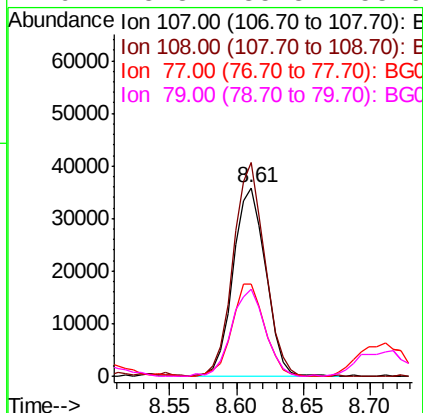
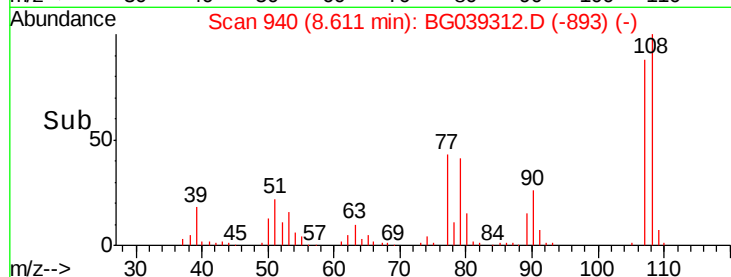
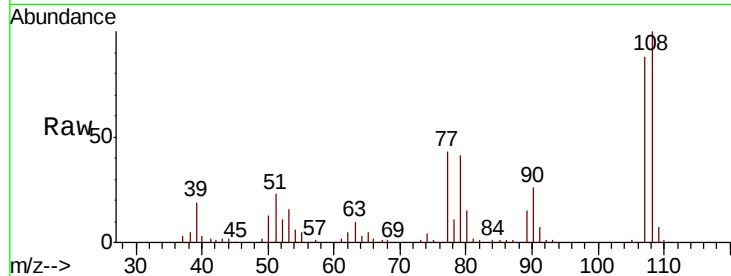




#17
2-Methylphenol
Concen: 28.147 ng
RT: 8.61 min Scan# 940
Delta R.T. -0.02 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

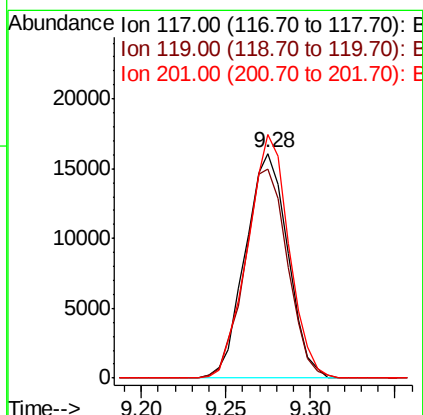
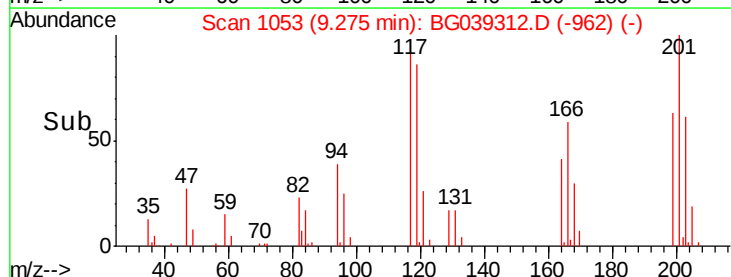
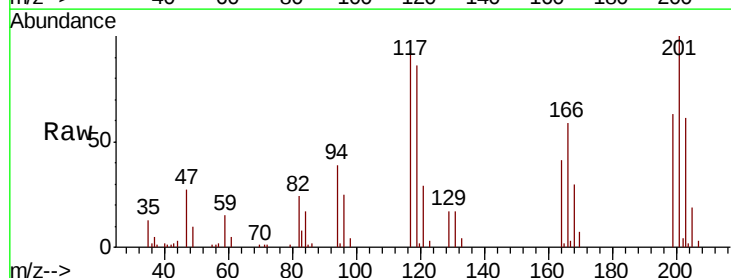
Instrument :
BNA_F
ClientSampleId :

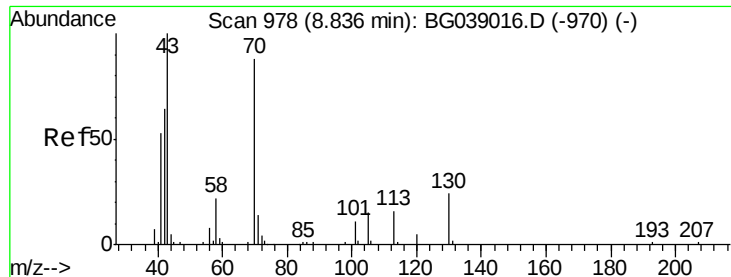
Tot Ion:	107	Resp:	60665
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.3	135.5
77	48.5	38.3	57.5
79	45.8	35.8	53.6



#18
Hexachloroethane
Concen: 26.899 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:	117	Resp:	28120
Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.7	118.1
201	108.2	108.1	162.1

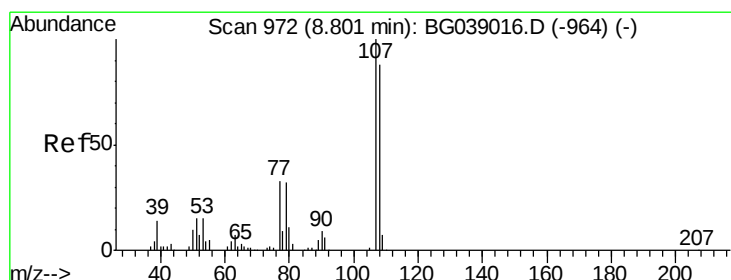
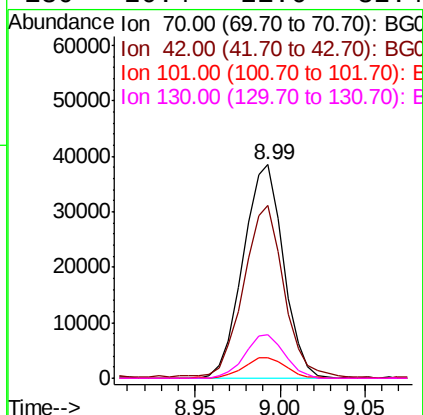
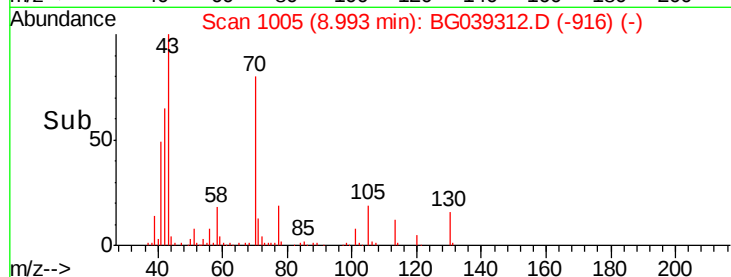
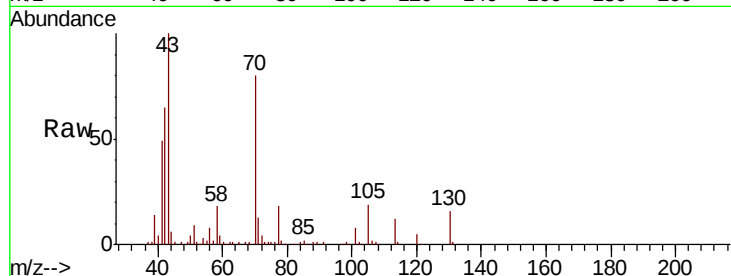




#19
n-Nitroso-di-n-propylamine
Concen: 31.513 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

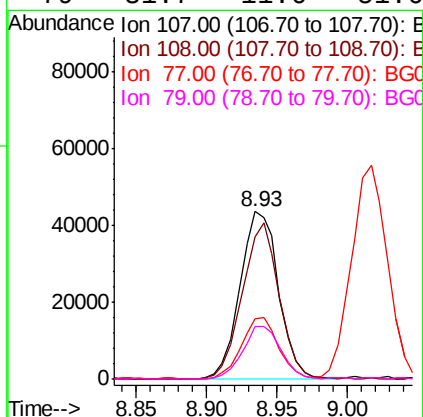
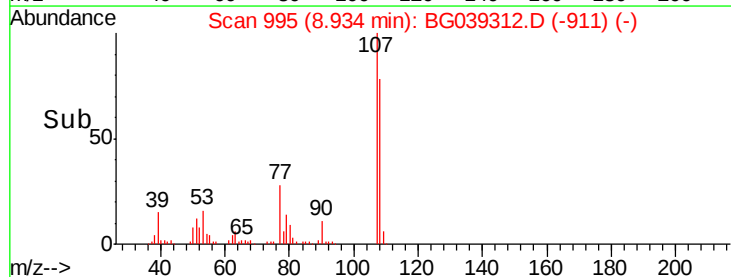
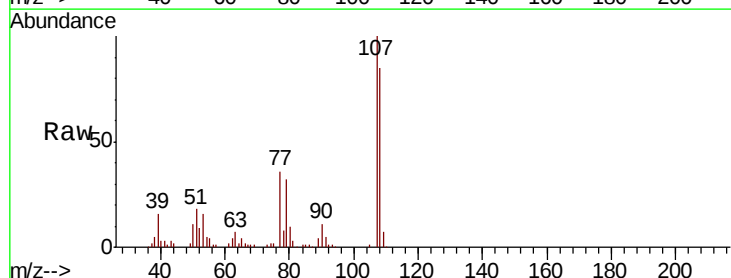
Instrument :
BNA_F
ClientSampled :

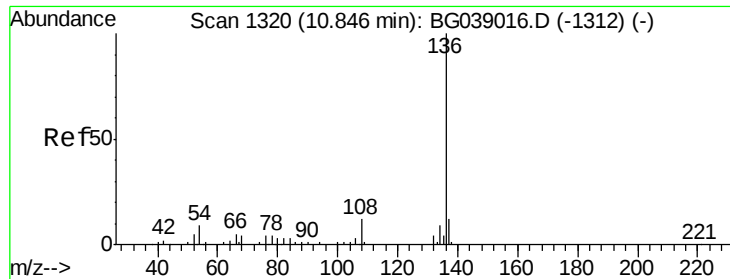
Tot Ion: 70 Resp: 64067
Ion Ratio Lower Upper
70 100
42 81.1 59.0 88.4
101 9.4 10.4 15.6#
130 20.4 21.6 32.4#



#20
3+4-Methylphenols
Concen: 27.141 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.04 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:107 Resp: 83402
Ion Ratio Lower Upper
107 100
108 84.7 68.4 108.4
77 36.2 13.3 53.3
79 31.7 11.6 51.6

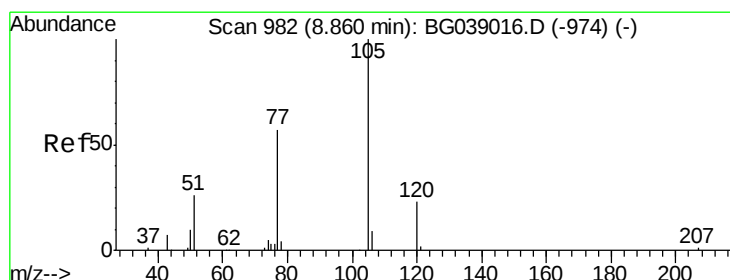
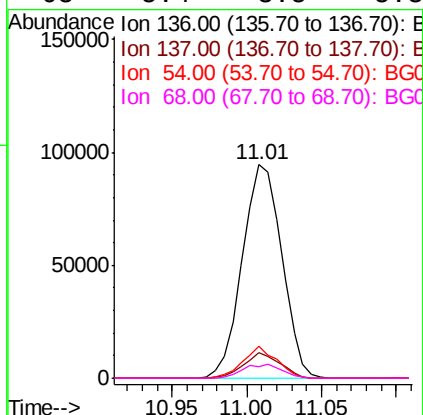
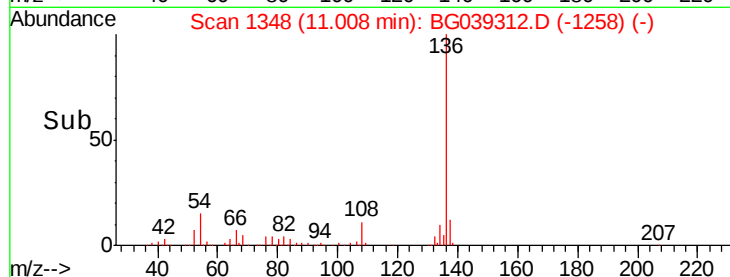
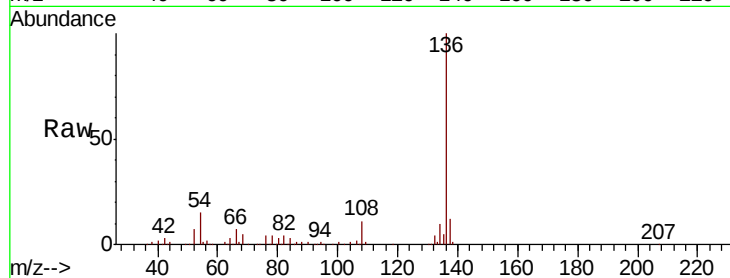




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

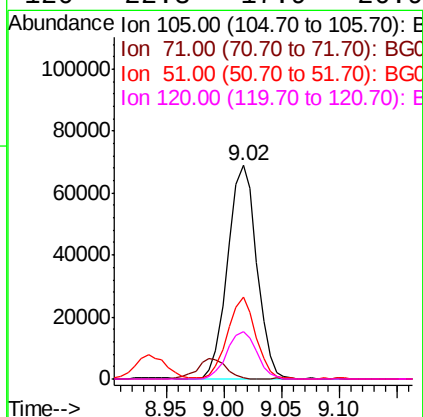
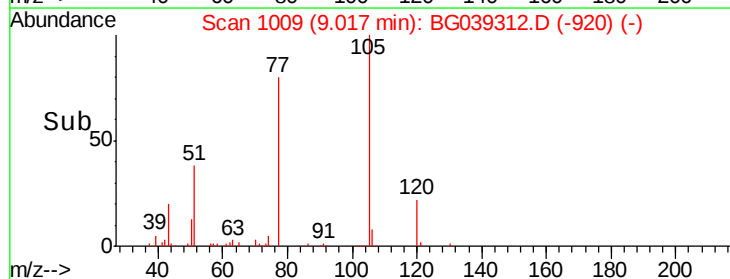
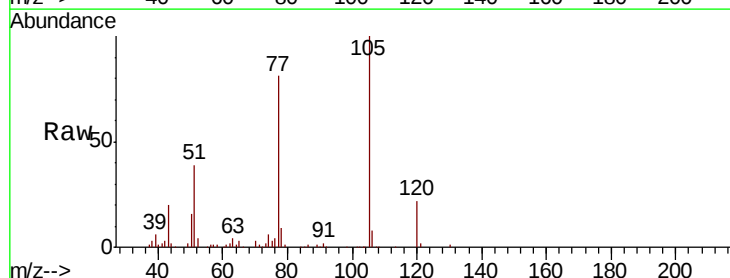
Instrument :
BNA_F
ClientSampled :

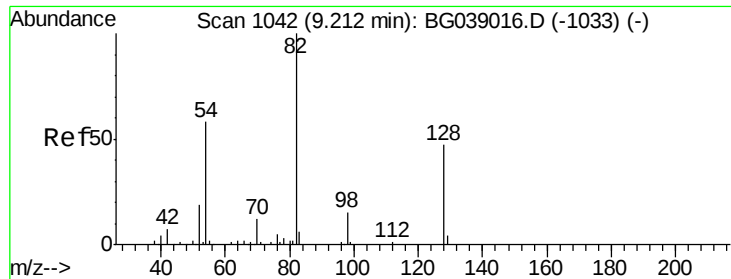
Tot Ion:136	Resp: 173612
Ion Ratio	Lower Upper
136 100	
137 11.9	9.4 14.2
54 14.9	7.2 10.8#
68 5.4	3.5 5.3#



#22
Acetophenone
Concen: 26.526 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:105	Resp: 120266
Ion Ratio	Lower Upper
105 100	
71 0.8	0.6 1.0
51 38.5	26.6 39.8
120 22.3	17.9 26.9

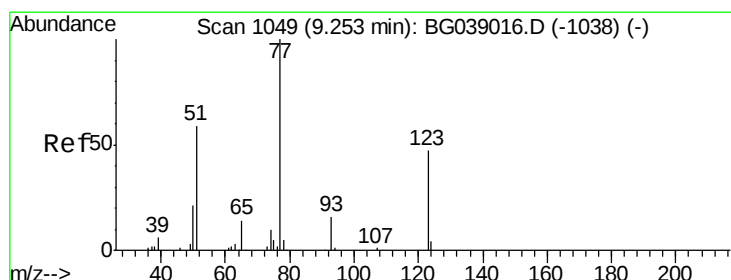
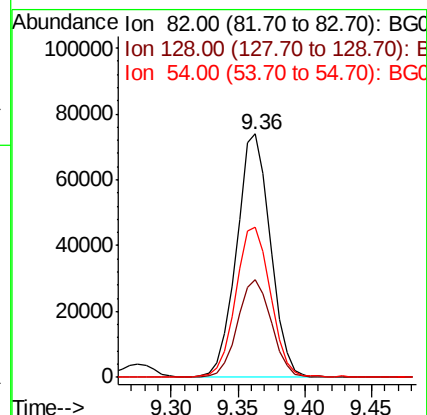
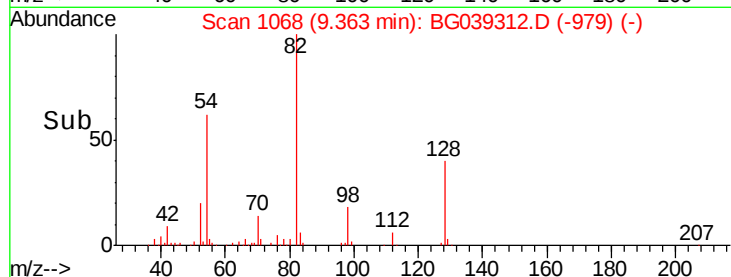
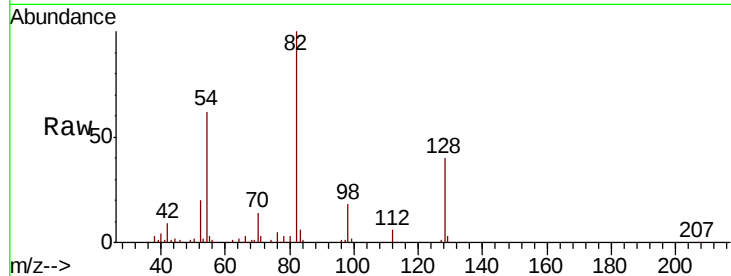




#23
Nitrobenzene-d5
Concen: 40.943 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

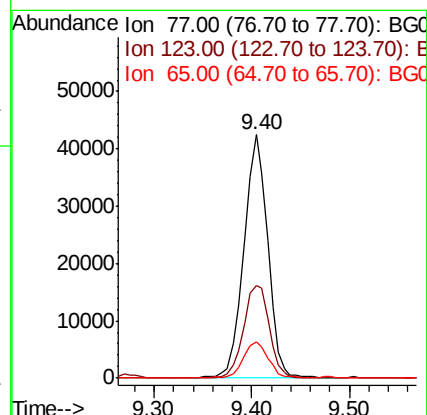
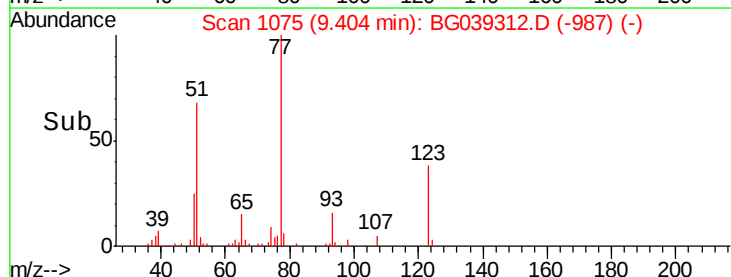
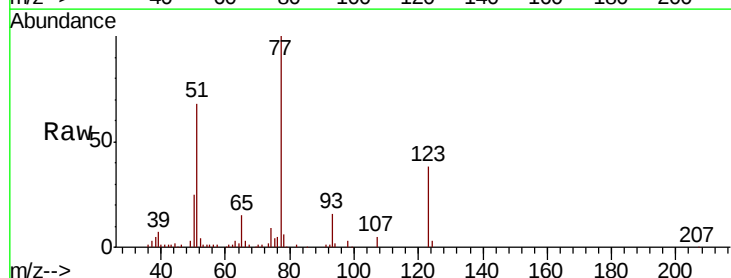
Instrument :
BNA_F
ClientSampleId :

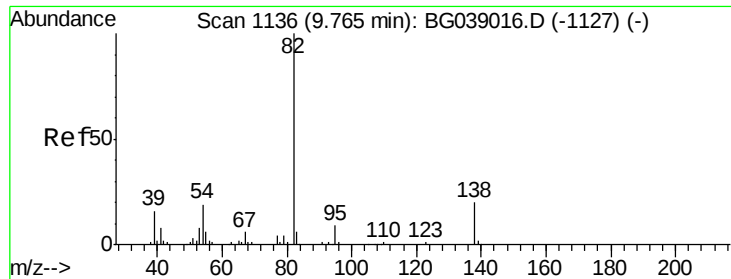
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	37.3	55.9
54	61.8	46.4	69.6



#24
Nitrobenzene
Concen: 22.535 ng
RT: 9.40 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.3	37.6	56.4
65	15.1	11.0	16.6





#25

Isophorone

Concen: 29.211 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

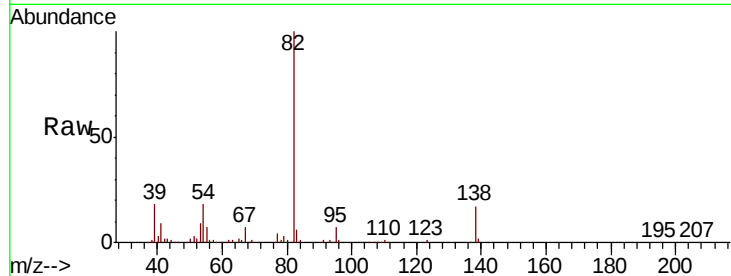
Tot Ion: 82 Resp: 159646

Ion Ratio Lower Upper

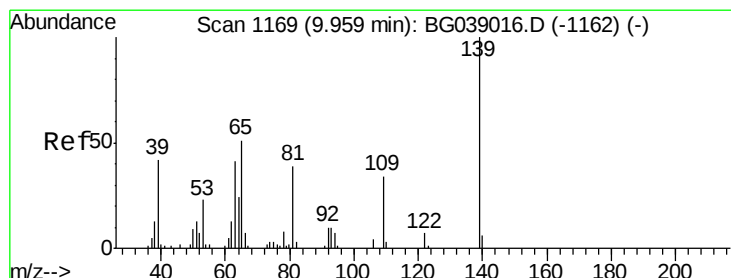
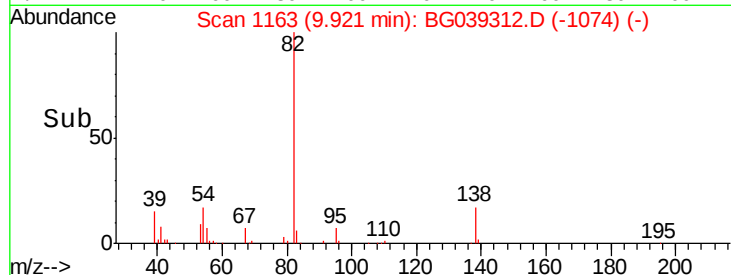
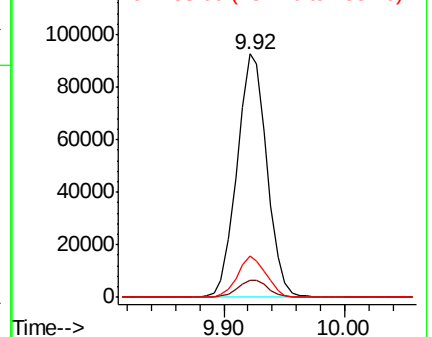
82 100

95 7.0 7.0 10.6#

138 16.8 16.2 24.4



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: 12.980 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

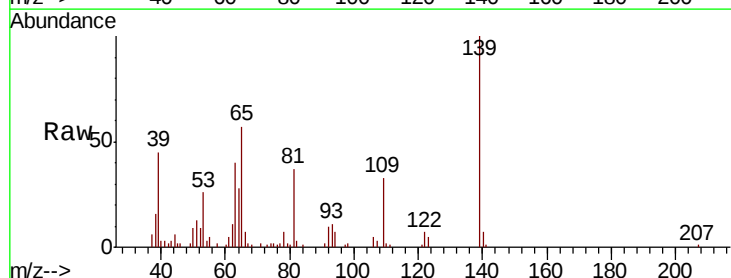
Tgt Ion: 139 Resp: 22515

Ion Ratio Lower Upper

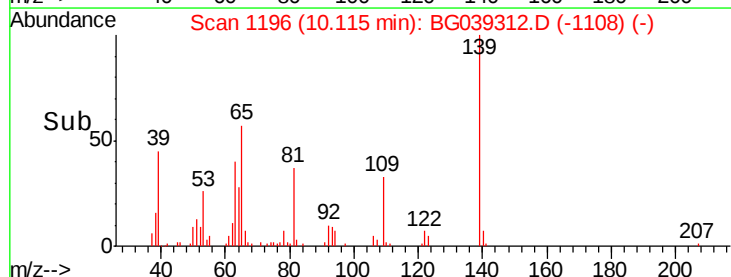
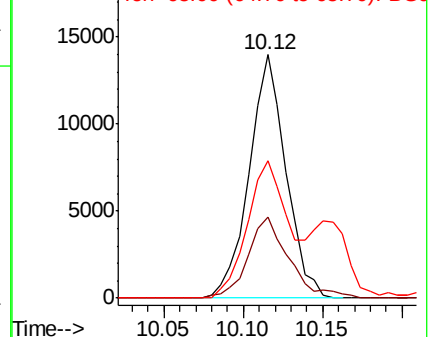
139 100

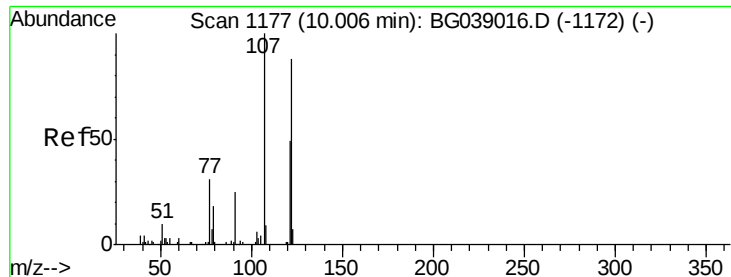
109 33.1 27.3 40.9

65 56.5 40.6 61.0



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

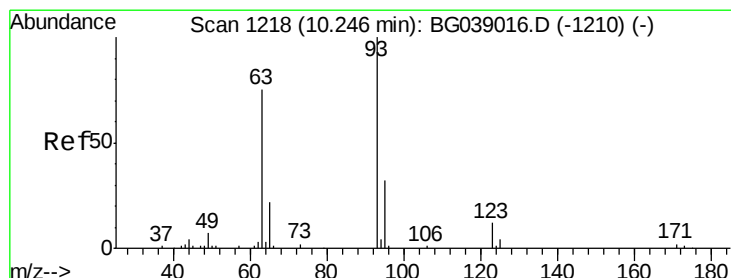
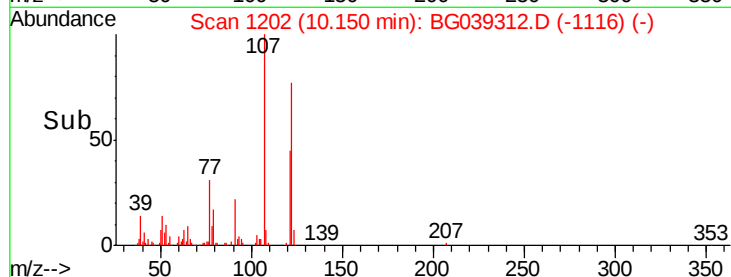
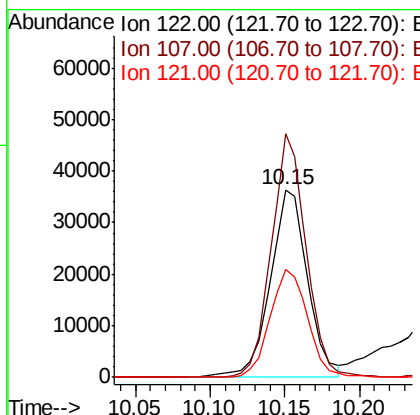
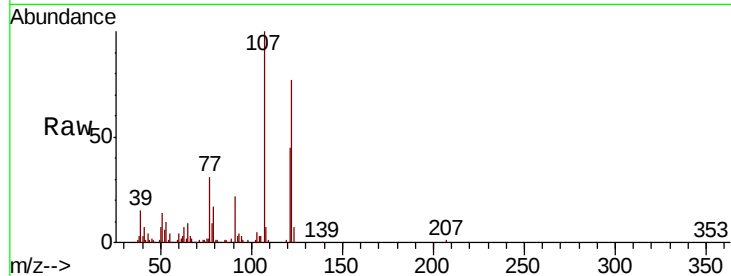




#27
 2,4-Dimethylphenol
 Concen: 25.950 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

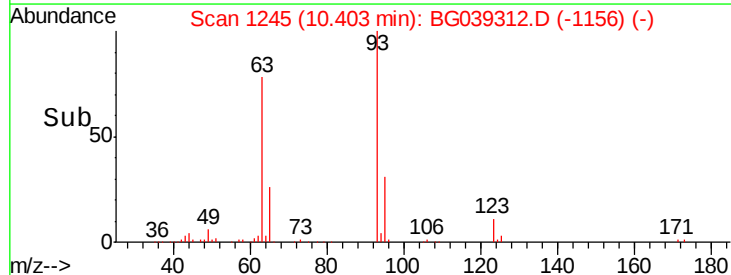
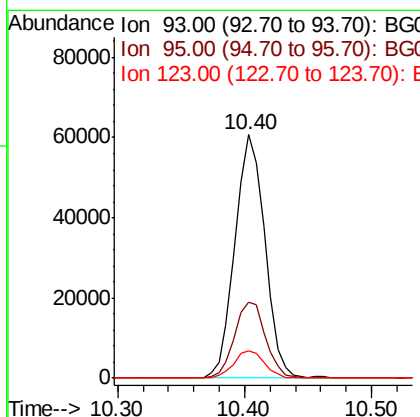
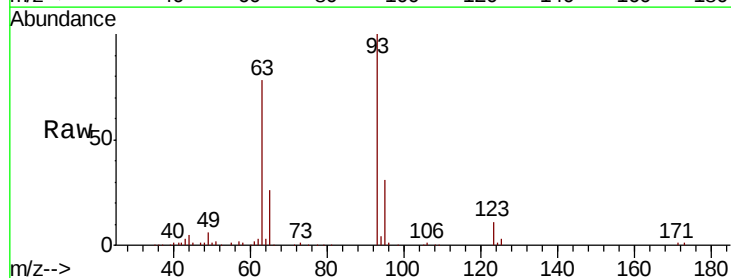
Instrument :
 BNA_F
 ClientSampleId :

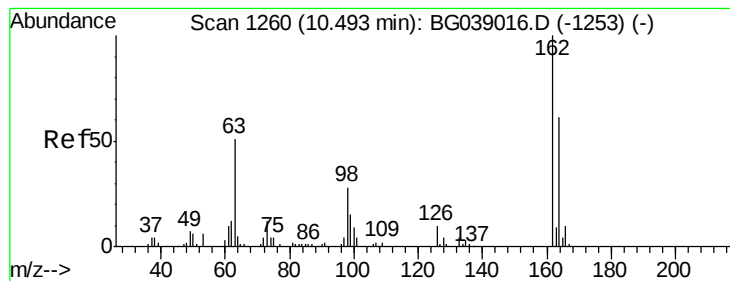
Tot Ion:122 Resp: 63328
 Ion Ratio Lower Upper
 122 100
 107 129.7 88.8 133.2
 121 57.8 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.292 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion: 93 Resp: 99498
 Ion Ratio Lower Upper
 93 100
 95 31.0 25.6 38.4
 123 11.0 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 23.656 ng

RT: 10.64 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampled :

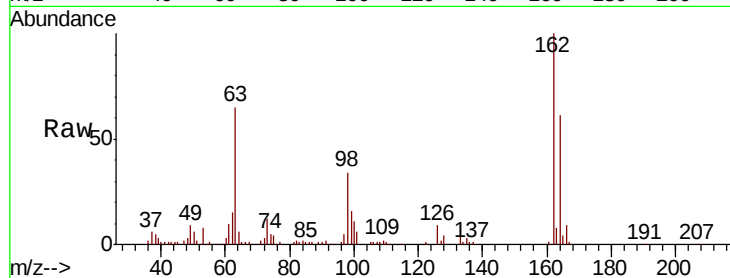
Tot Ion:162 Resp: 71719

Ion Ratio Lower Upper

162 100

164 61.0 41.3 81.3

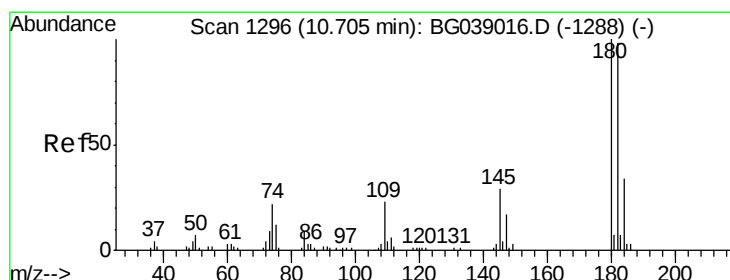
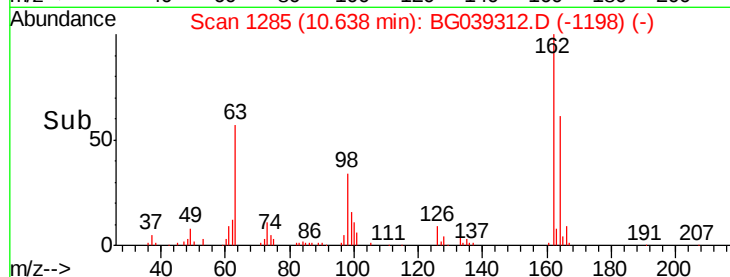
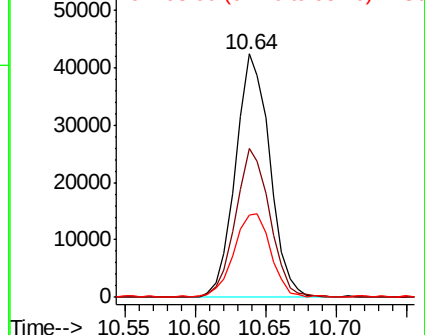
98 34.0 8.3 48.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 21.558 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

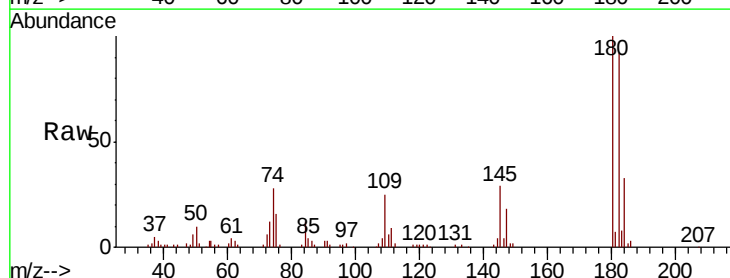
Tgt Ion:180 Resp: 78529

Ion Ratio Lower Upper

180 100

182 92.3 78.1 117.1

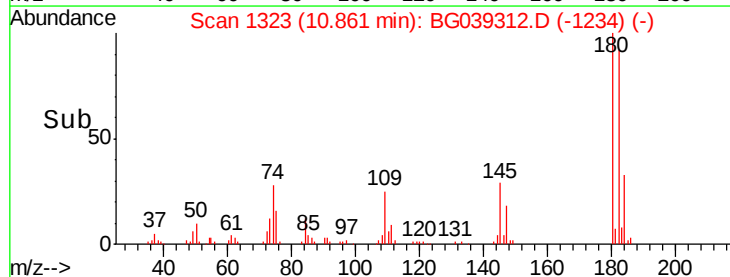
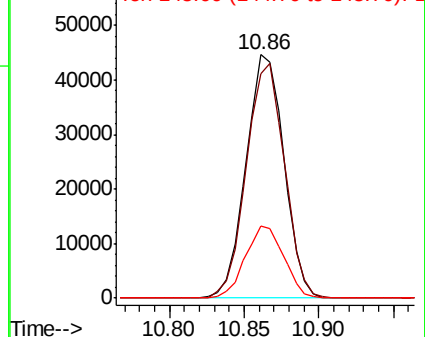
145 29.4 23.1 34.7

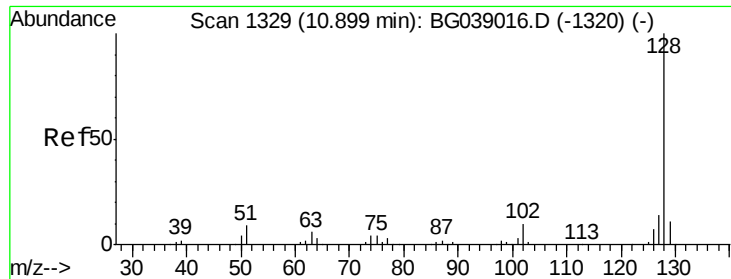


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

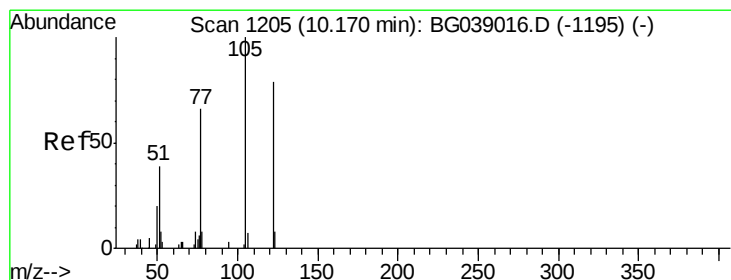
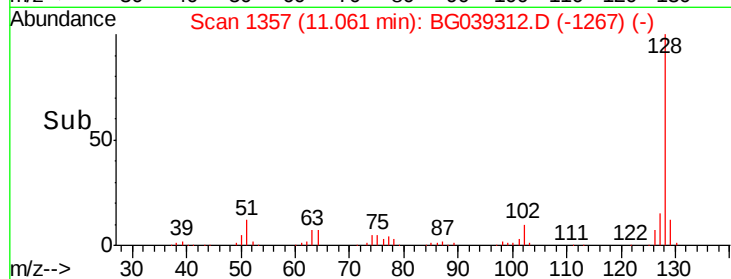
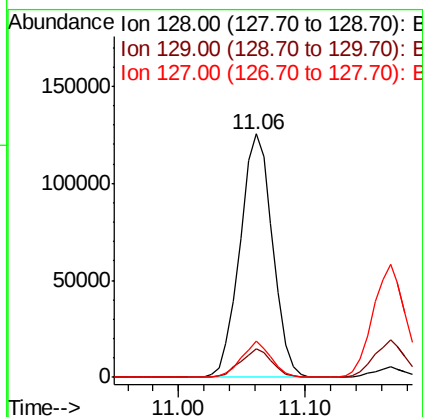
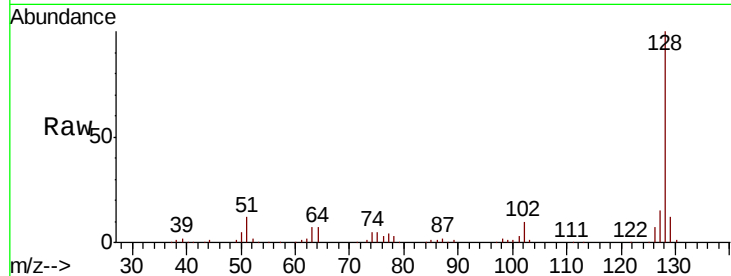




#31
Naphthalene
Concen: 25.699 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

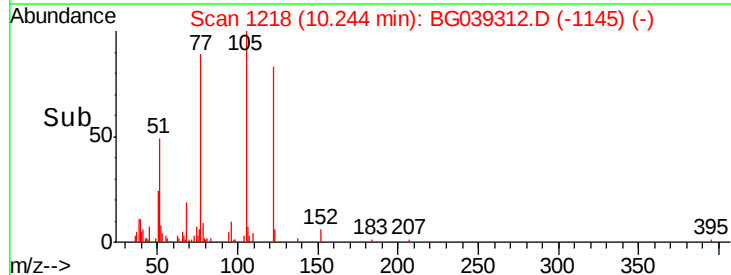
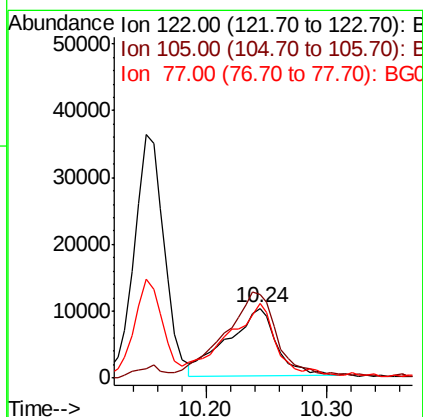
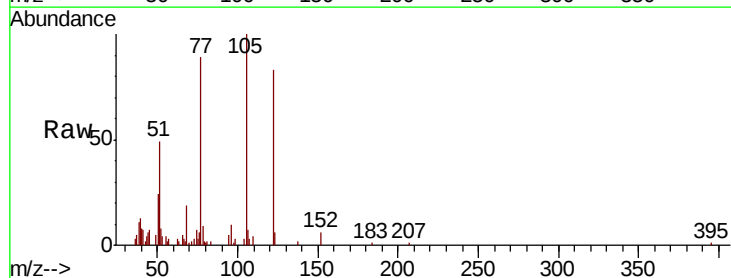
Instrument :
BNA_F
ClientSampleId :

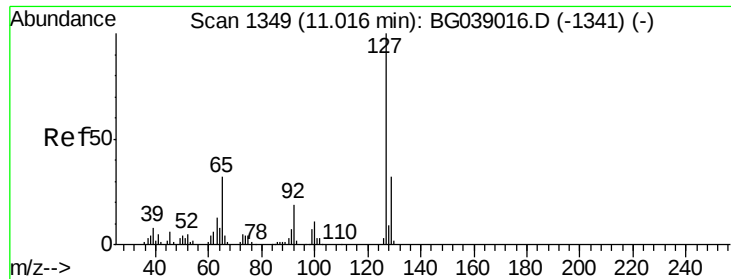
Tot Ion:128 Resp: 223774
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 14.8 11.2 16.8



#32
Benzoic acid
Concen: 22.330 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.10 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:122 Resp: 28866
Ion Ratio Lower Upper
122 100
105 120.0 106.4 146.4
77 107.0 63.6 103.6#

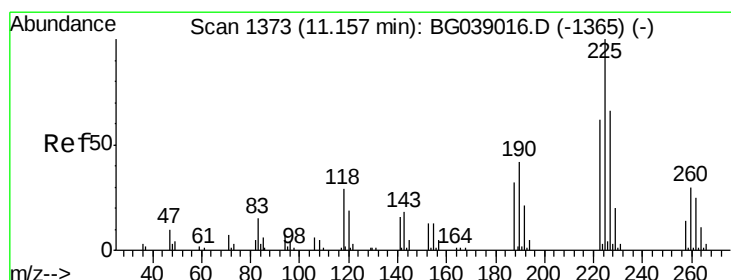
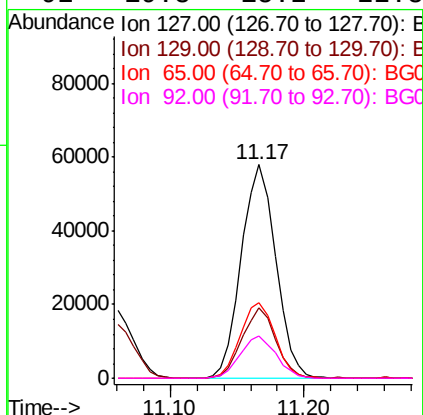
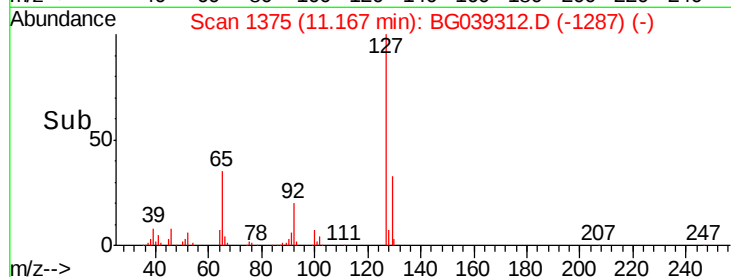
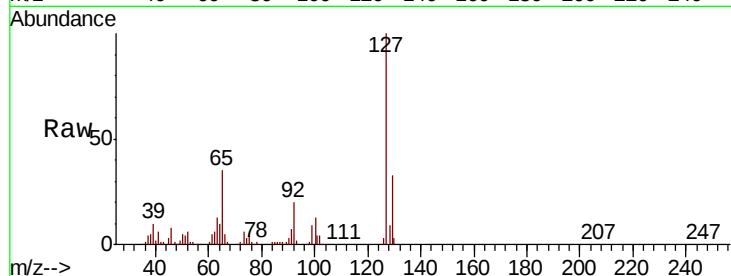




#33
4-Chloroaniline
Concen: 26.682 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

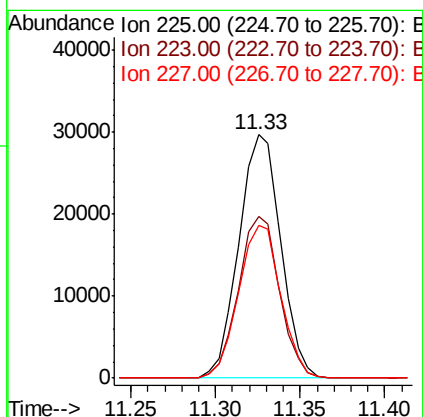
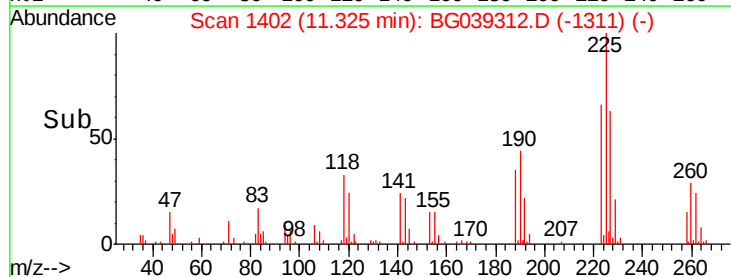
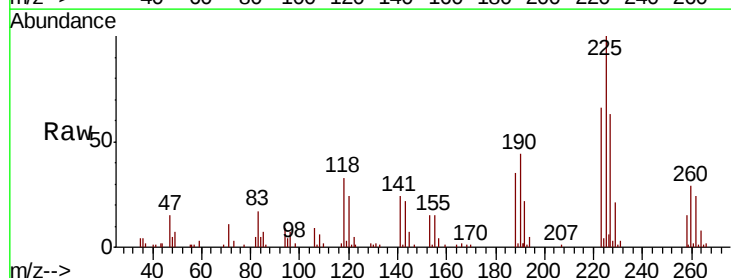
Instrument :
BNA_F
ClientSampleId :

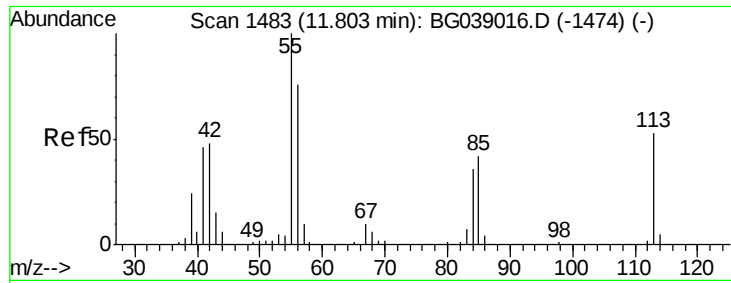
Tot Ion:	127	Resp:	103960
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.4	38.0
65	35.1	25.4	38.0
92	19.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 20.466 ng
RT: 11.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:	225	Resp:	51299
Ion	Ratio	Lower	Upper
225	100		
223	66.4	50.2	75.4
227	62.9	53.2	79.8

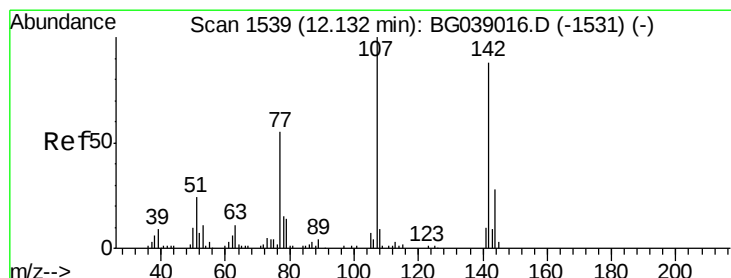
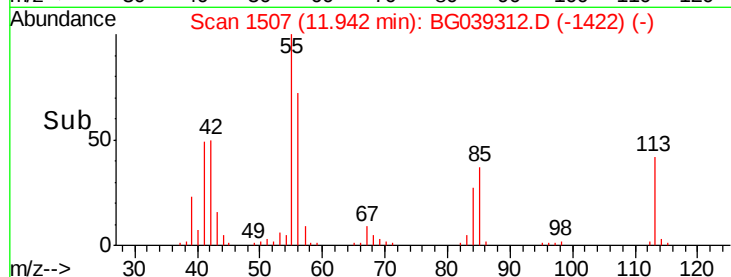
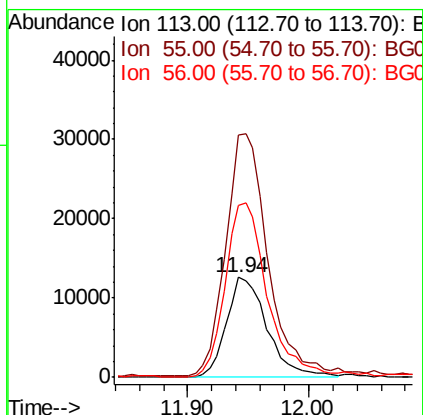
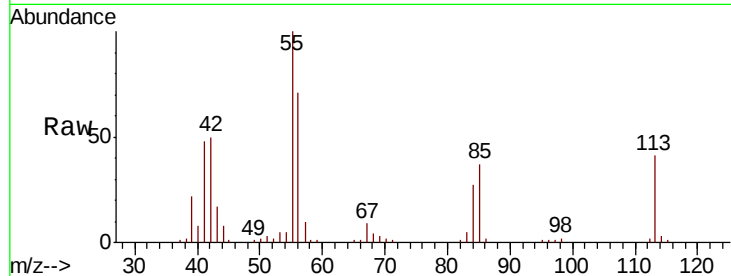




#35
Caprolactam
Concen: 24.307 ng
RT: 11.94 min Scan# 1507
Delta R.T. -0.03 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

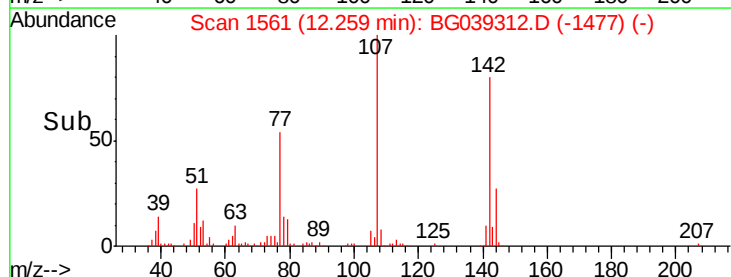
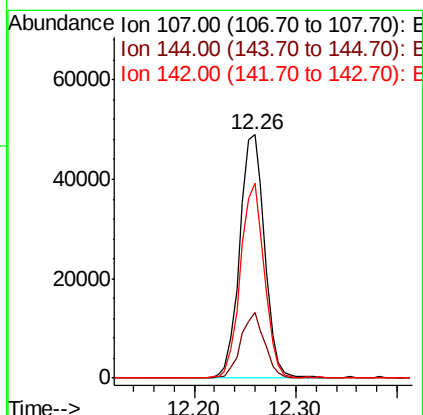
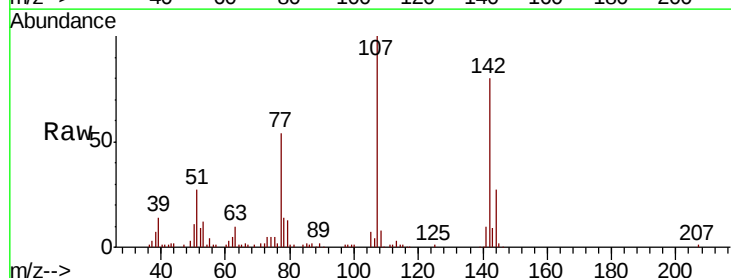
Instrument :
BNA_F
ClientSampleId :

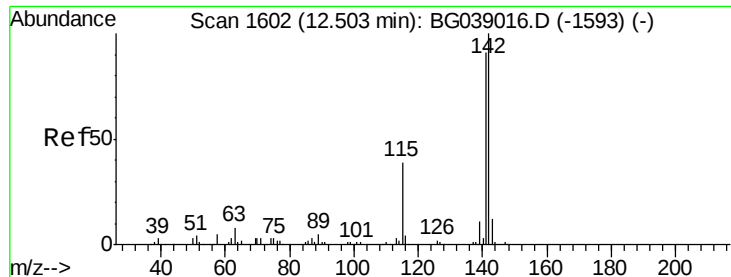
Tot Ion:113 Resp: 29551
Ion Ratio Lower Upper
113 100
55 241.7 168.6 208.6#
56 172.1 123.2 163.2#



#36
4-Chloro-3-methylphenol
Concen: 25.764 ng
RT: 12.26 min Scan# 1561
Delta R.T. -0.04 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:107 Resp: 83543
Ion Ratio Lower Upper
107 100
144 26.9 22.6 34.0
142 80.2 70.2 105.4

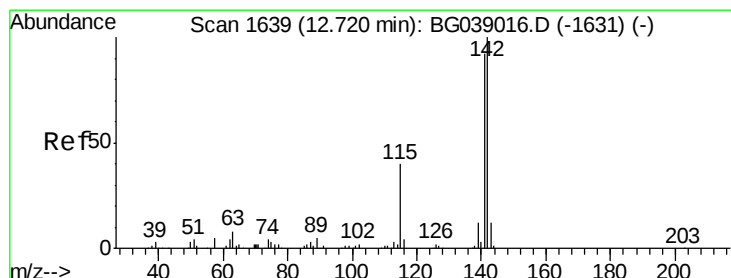
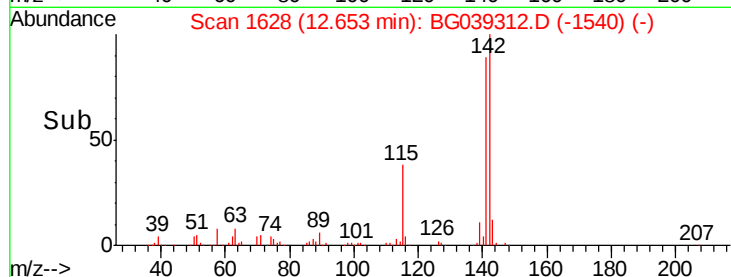
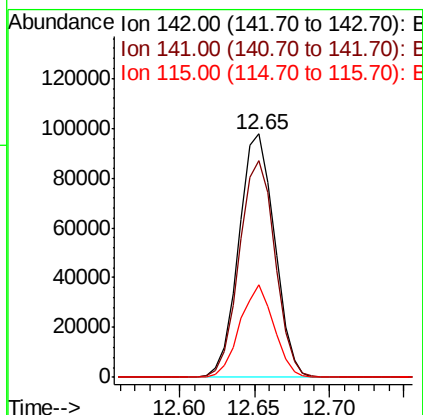
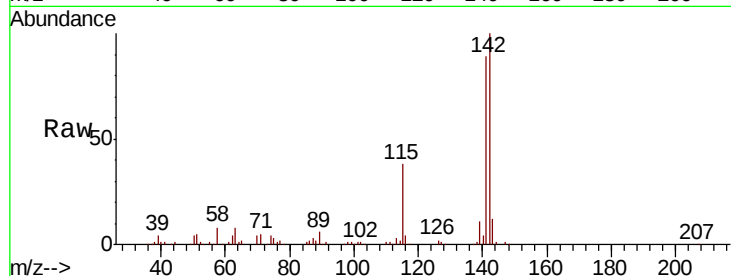




#37
2-Methylnaphthalene
Concen: 24.845 ng
RT: 12.65 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

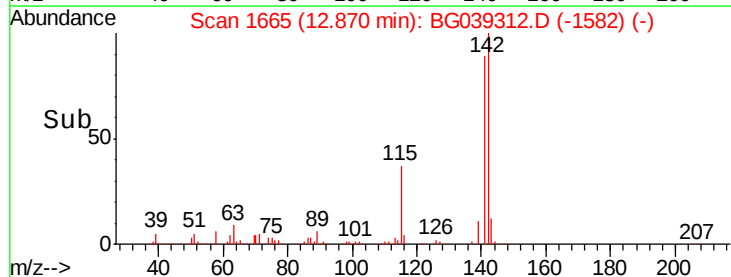
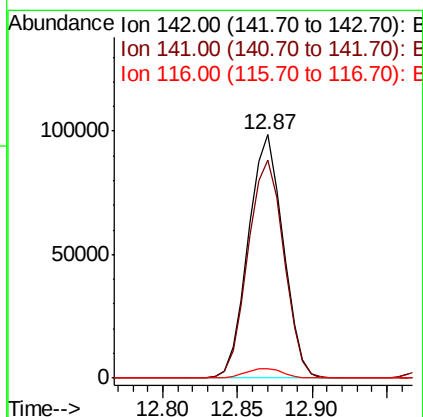
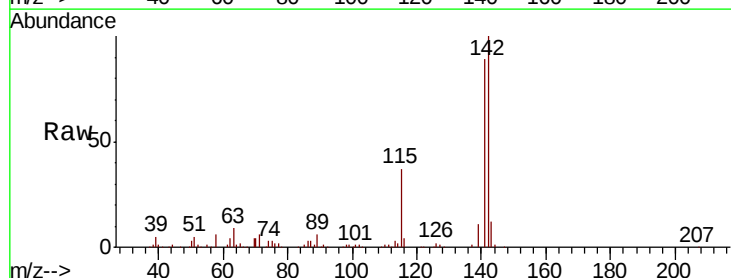
Instrument :
BNA_F
ClientSampleId :

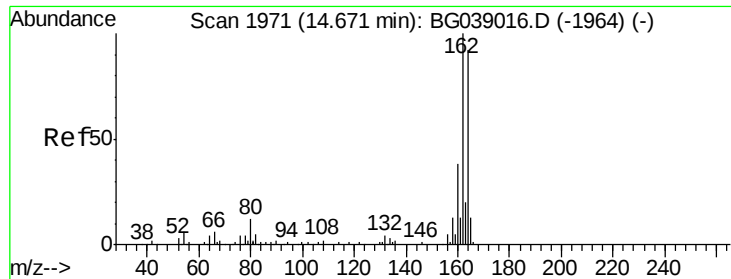
Tot Ion:142 Resp: 162194
Ion Ratio Lower Upper
142 100
141 89.3 72.6 109.0
115 38.0 31.1 46.7



#38
1-Methylnaphthalene
Concen: 25.373 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:142 Resp: 158991
Ion Ratio Lower Upper
142 100
141 89.5 73.3 109.9
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.03 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

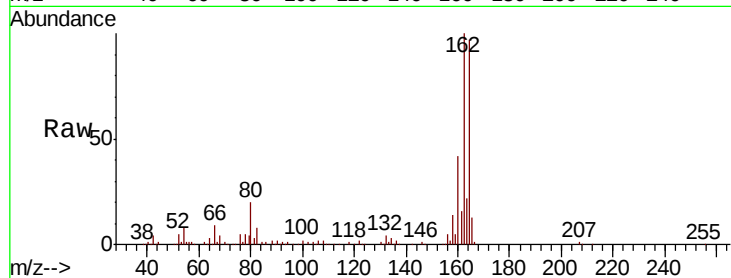
Tot Ion:164 Resp: 115179

Ion Ratio Lower Upper

164 100

162 103.0 87.2 130.8

160 43.1 33.3 49.9

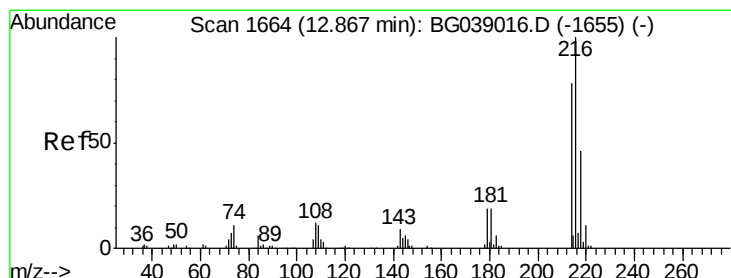
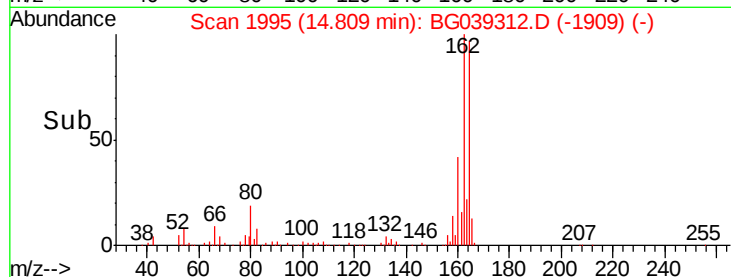
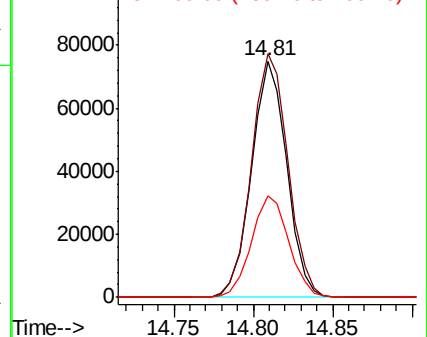


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.501 ng

RT: 13.01 min Scan# 1688

Delta R.T. -0.03 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Tgt Ion:216 Resp: 93005

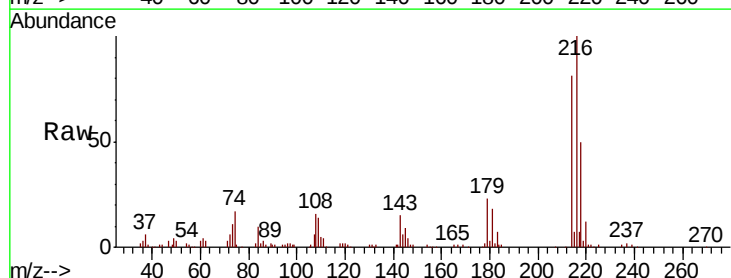
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.2

179 21.4 15.5 23.3

108 18.2 11.4 17.2#



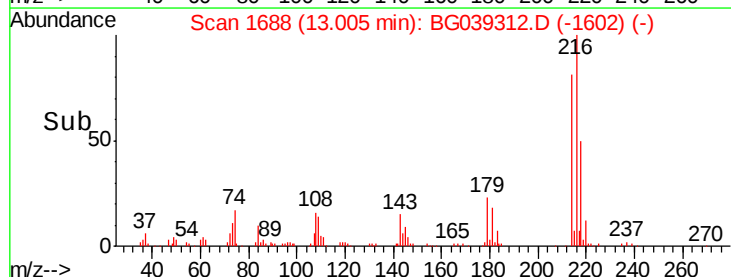
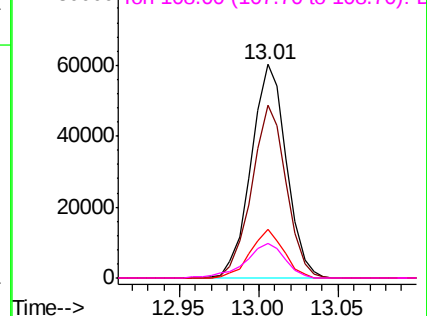
Abundance

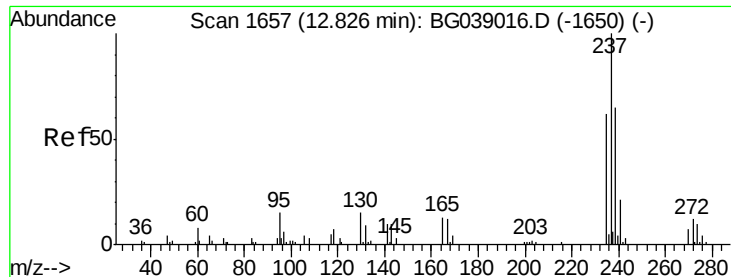
Ion 216.00 (215.70 to 216.70): E

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: 23.309 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

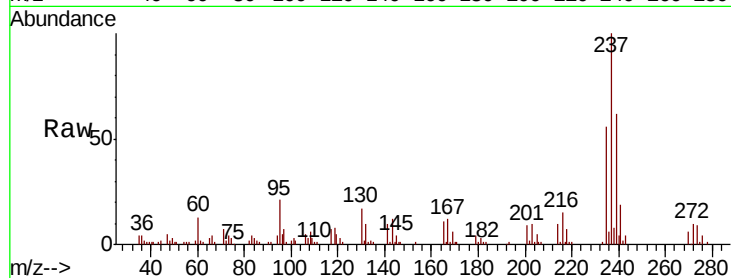
Tot Ion:237 Resp: 49570

Ion Ratio Lower Upper

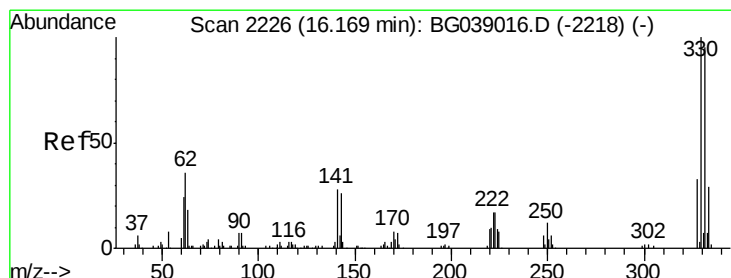
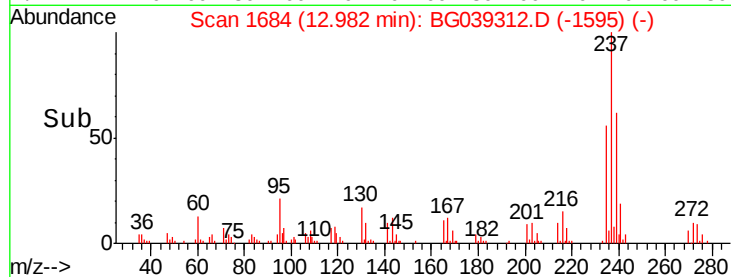
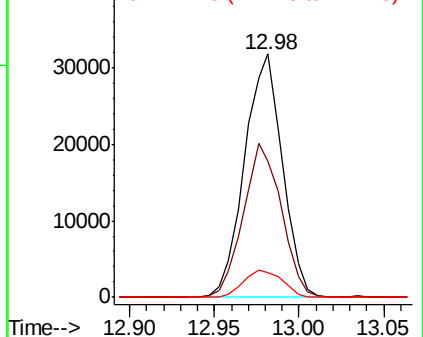
237 100

235 56.0 41.7 81.7

272 10.1 0.0 32.1



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: 32.398 ng

RT: 16.30 min Scan# 2248

Delta R.T. -0.04 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

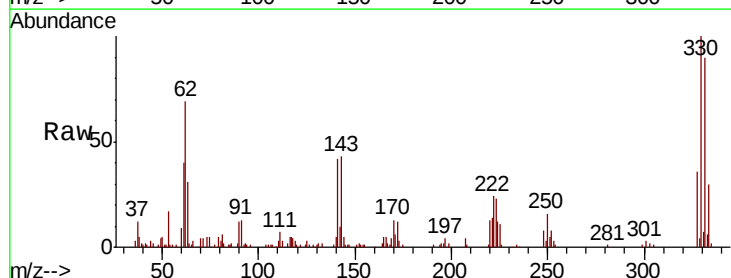
Tgt Ion:330 Resp: 62551

Ion Ratio Lower Upper

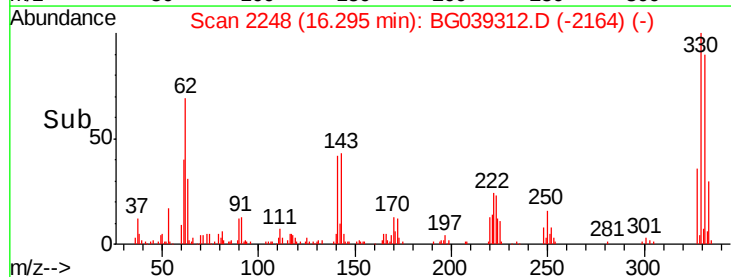
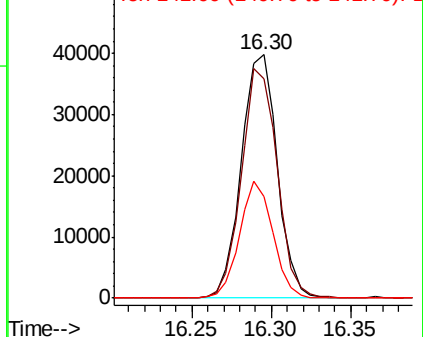
330 100

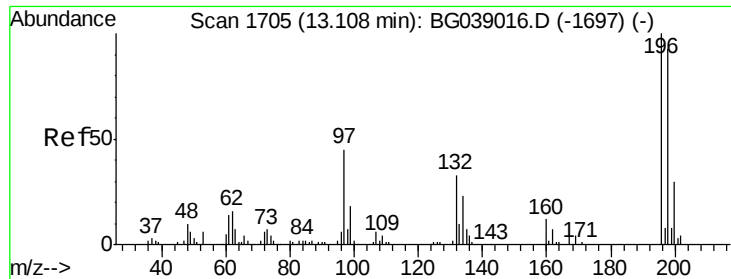
332 93.8 75.7 113.5

141 44.4 24.9 37.3#



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

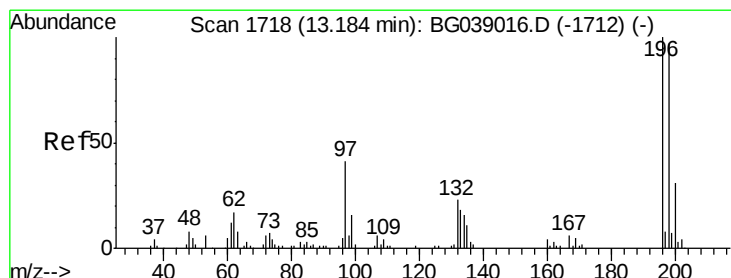
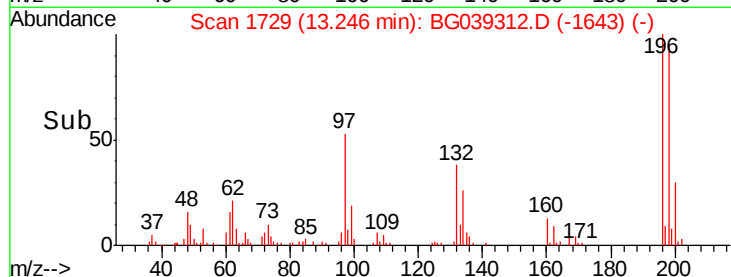
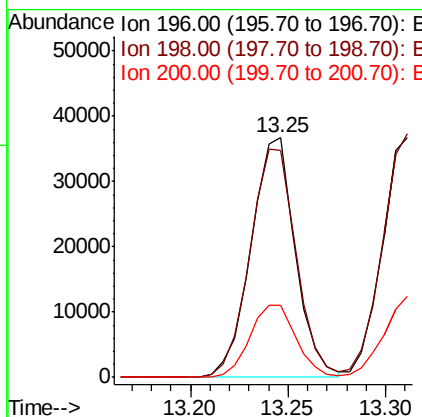
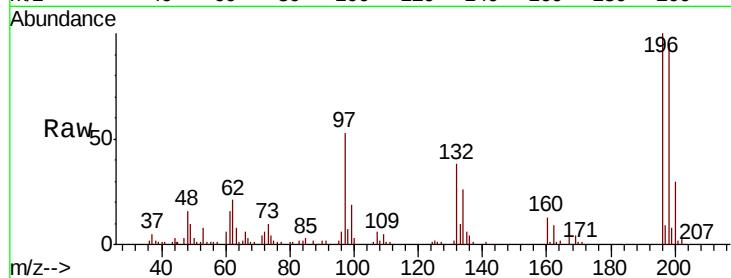




#43
 2,4,6-Trichlorophenol
 Concen: 21.197 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.03 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

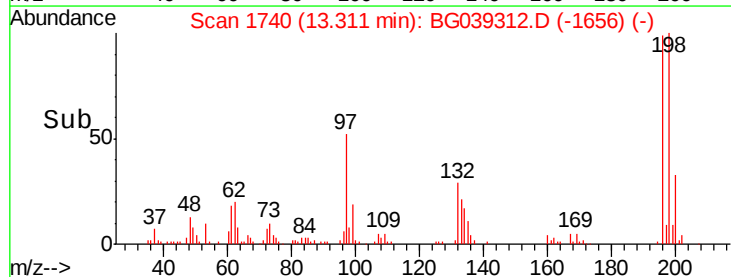
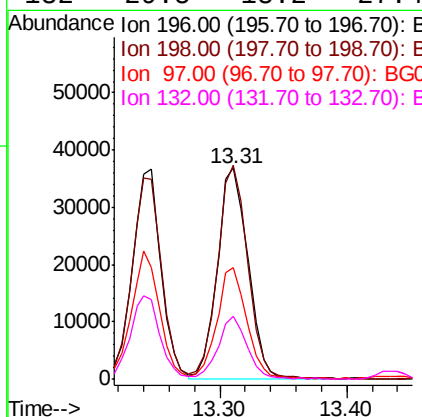
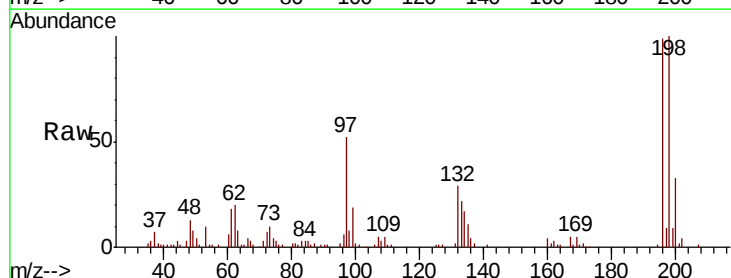
Instrument :
 BNA_F
 ClientSampled :

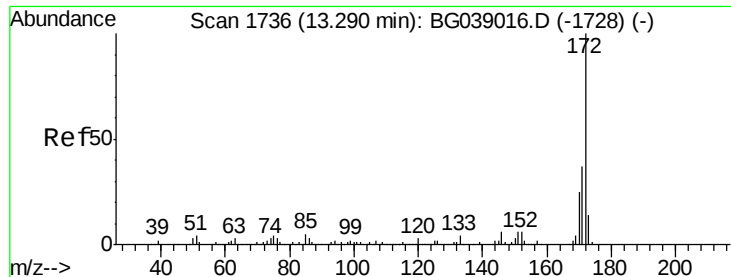
Tot Ion:196 Resp: 57709
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.5 111.7
 200 30.1 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 21.543 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.04 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion:196 Resp: 61989
 Ion Ratio Lower Upper
 196 100
 198 101.3 78.1 117.1
 97 52.7 33.2 49.8#
 132 29.5 18.2 27.4#

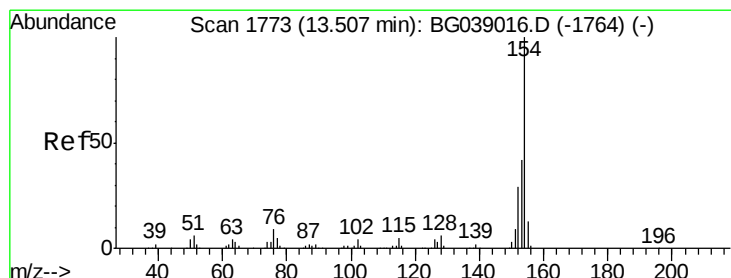
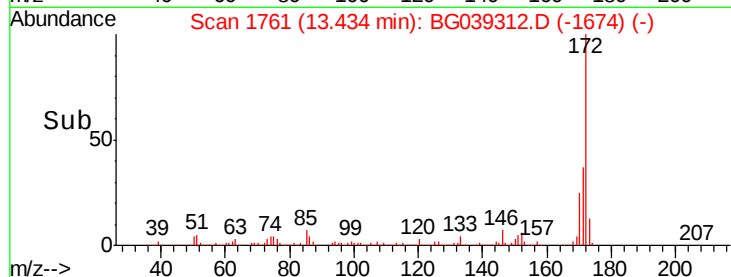
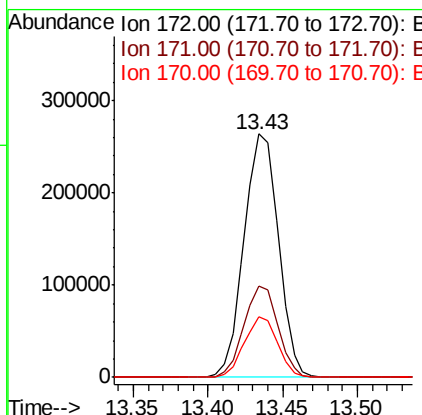
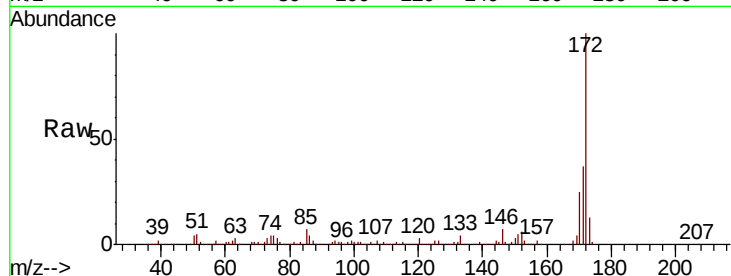




#45
2-Fluorobiphenyl
Concen: 49.910 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.02 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

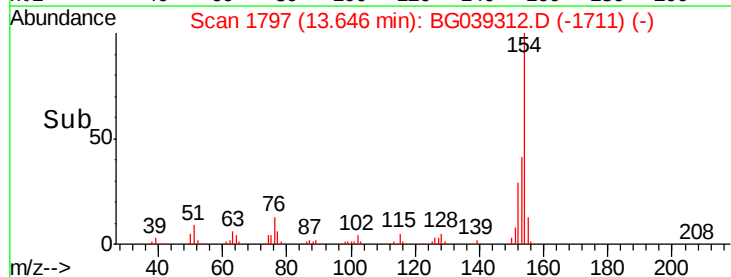
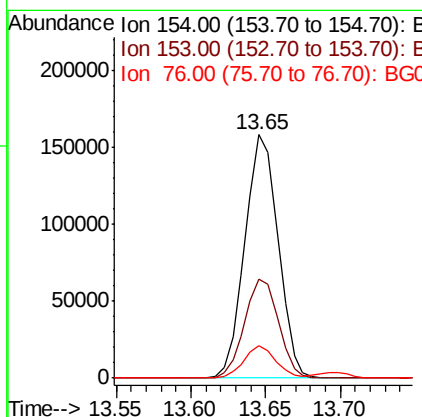
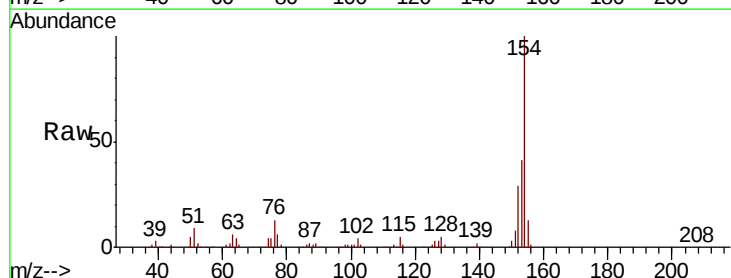
Instrument :
BNA_F
ClientSampleId :

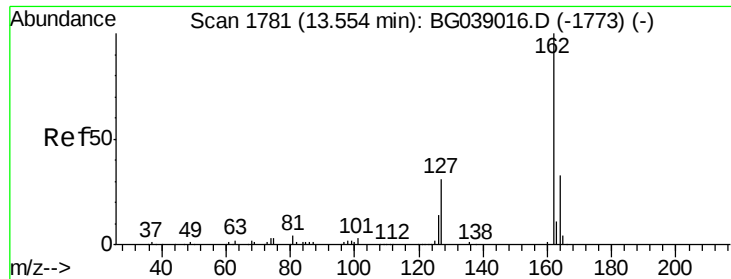
Tot Ion:172 Resp: 420047
Ion Ratio Lower Upper
172 100
171 37.3 29.4 44.0
170 24.6 20.1 30.1



#46
1,1'-Biphenyl
Concen: 26.692 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.03 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:154 Resp: 243608
Ion Ratio Lower Upper
154 100
153 40.6 22.4 62.4
76 13.3 0.0 29.4

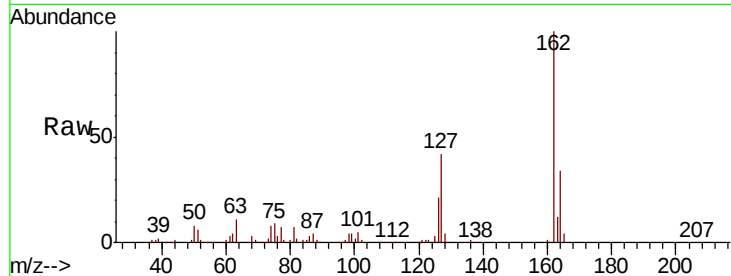




#47
2-Chloronaphthalene
Concen: 24.526 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.03 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	28.4	42.6
164	34.2	26.3	39.5

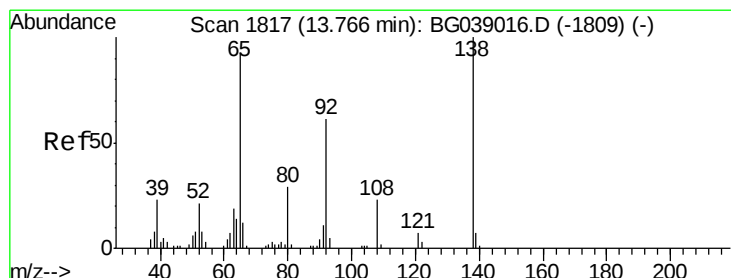
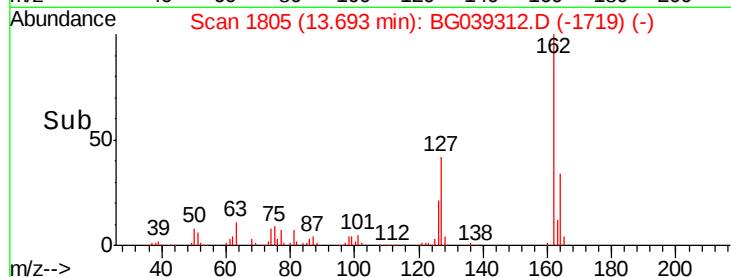
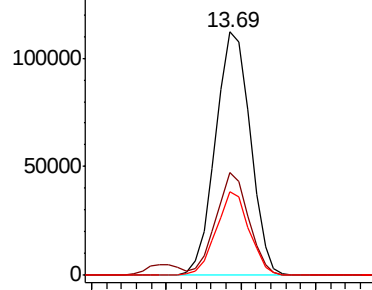


Abundance

Ion 162.00 (161.70 to 162.70): E

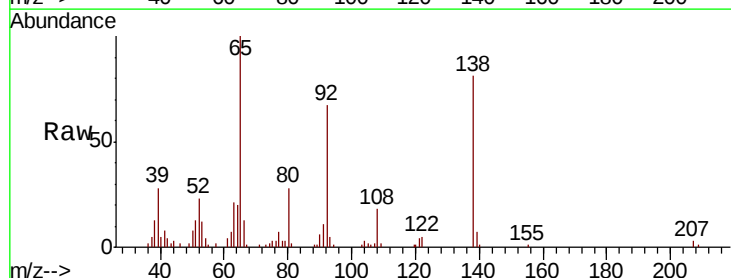
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 18.829 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.04 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	52.2	78.4
138	80.9	86.0	129.0

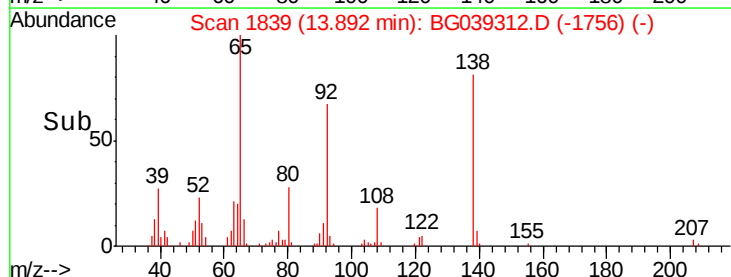
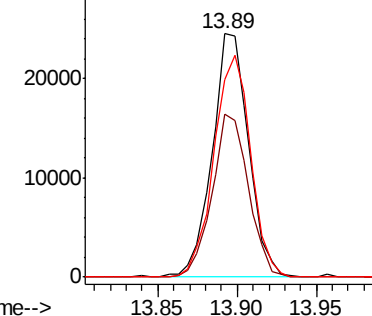


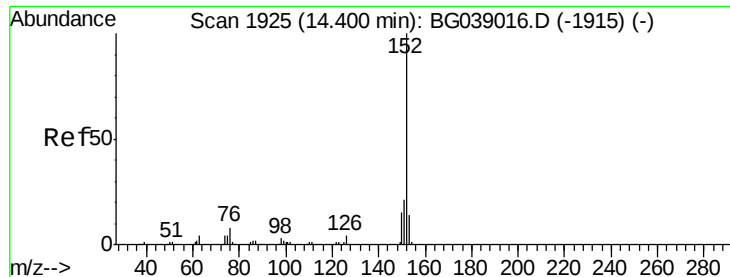
Abundance

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: 25.805 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.03 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

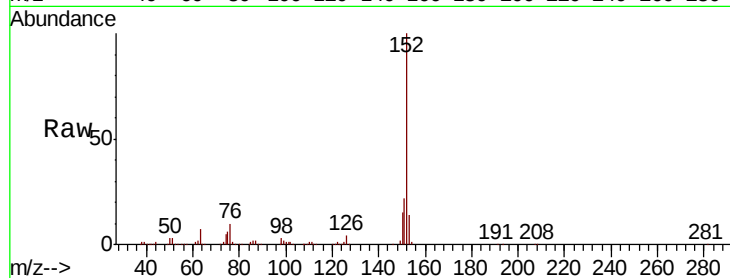
Tot Ion:152 Resp: 286458

Ion Ratio Lower Upper

152 100

151 21.6 17.0 25.4

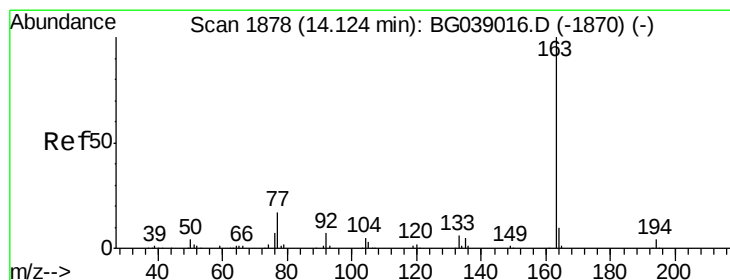
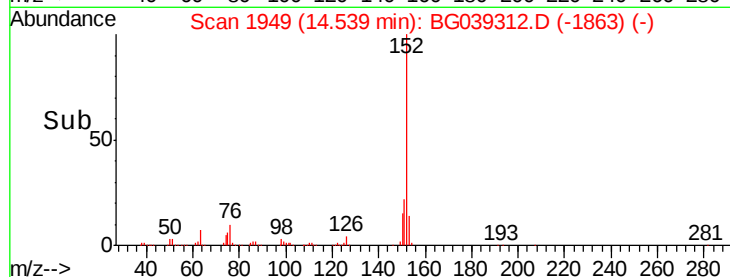
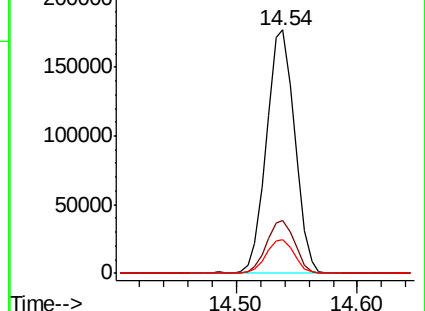
153 13.7 11.2 16.8



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: 25.117 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.03 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

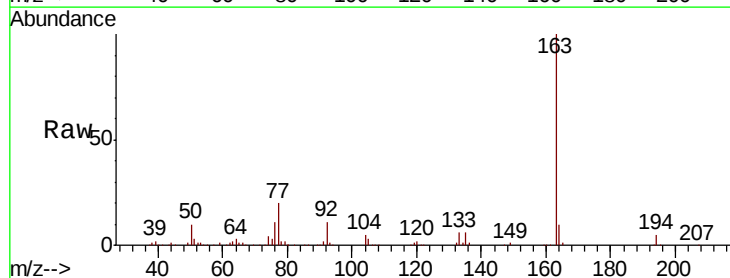
Tgt Ion:163 Resp: 244470

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

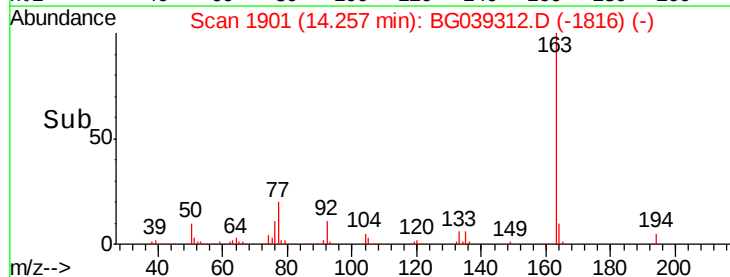
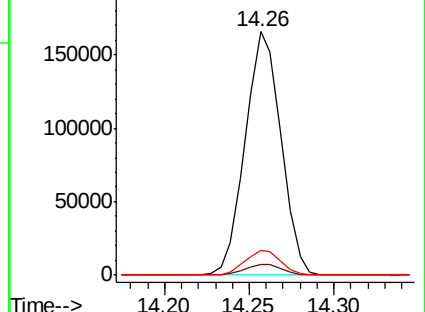
164 10.0 8.2 12.2

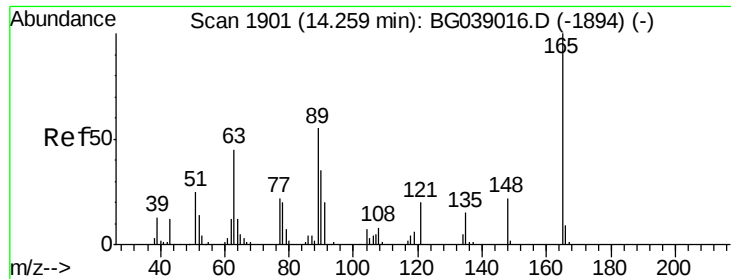


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 16.486 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.04 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

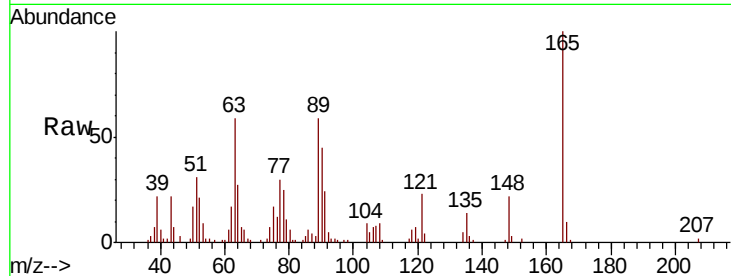
Tot Ion:165 Resp: 35875

Ion Ratio Lower Upper

165 100

63 58.6 43.6 65.4

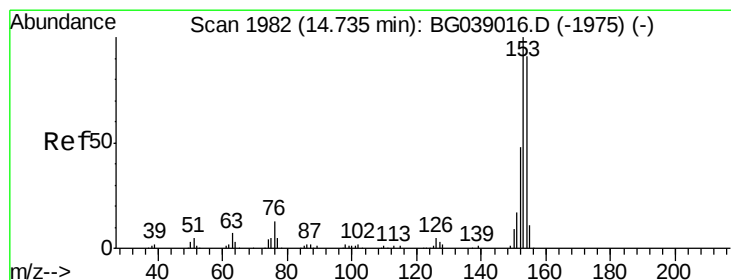
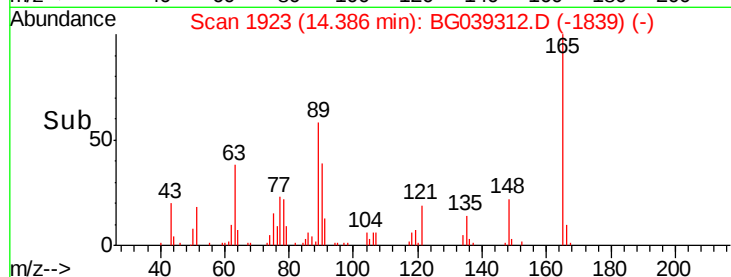
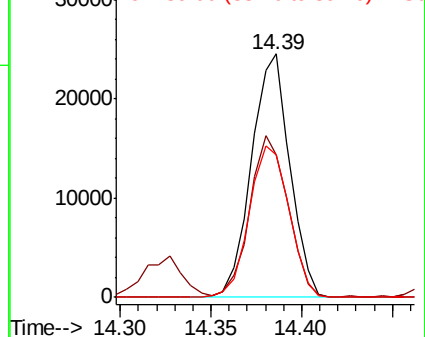
89 58.8 43.7 65.5



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: 27.539 ng

RT: 14.87 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

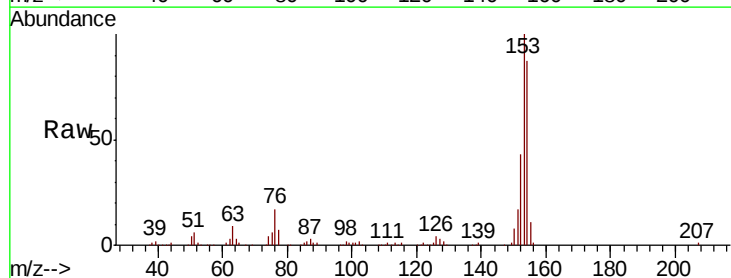
Tgt Ion:154 Resp: 183673

Ion Ratio Lower Upper

154 100

153 115.4 87.9 131.9

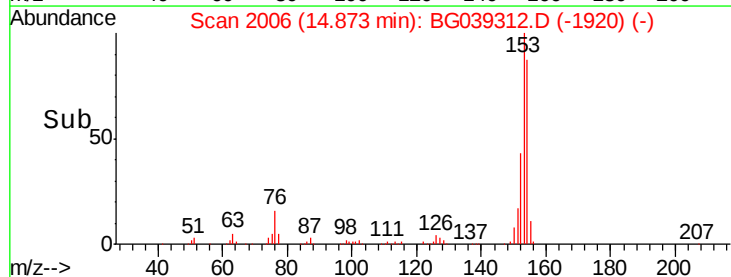
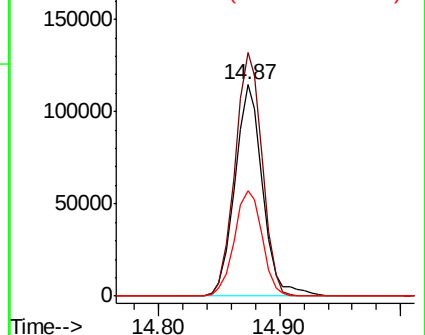
152 50.2 42.2 63.2

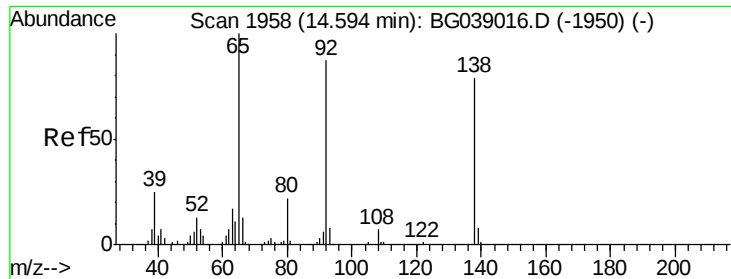


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

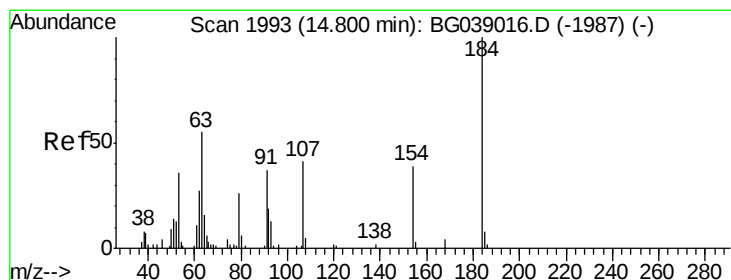
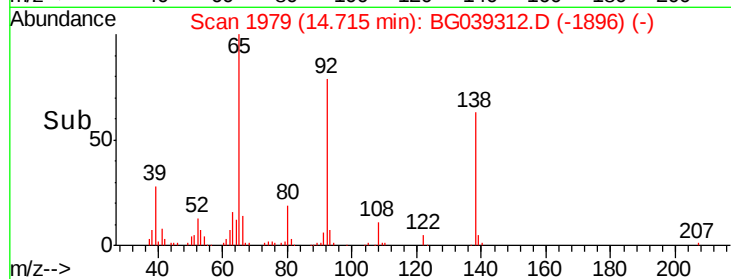
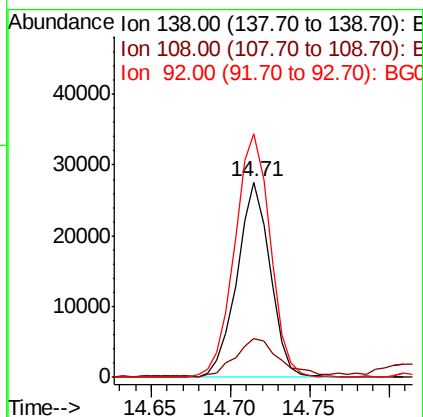
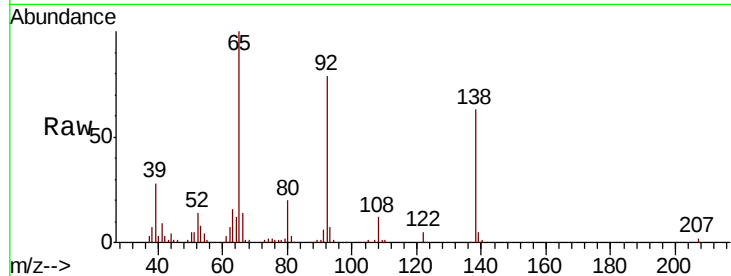




#53
3-Nitroaniline
Concen: 18.043 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.04 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

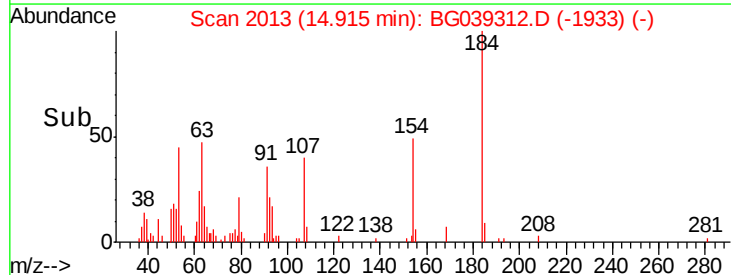
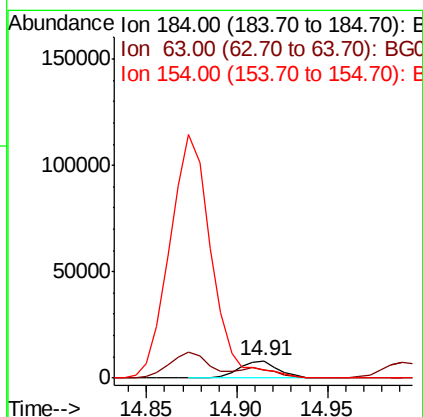
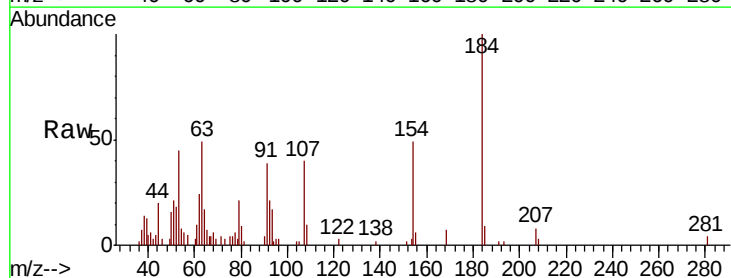
Instrument :
BNA_F
ClientSampleId :

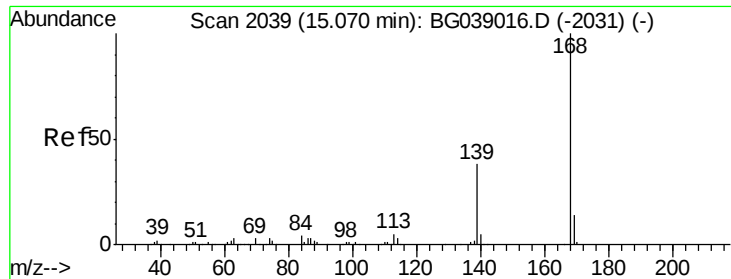
Tot Ion:138 Resp: 39830
Ion Ratio Lower Upper
138 100
108 19.6 7.4 11.0#
92 124.6 88.2 132.4



#54
2,4-Dinitrophenol
Concen: 11.019 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.06 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:184 Resp: 12392
Ion Ratio Lower Upper
184 100
63 48.8 44.0 66.0
154 49.0 46.1 69.1

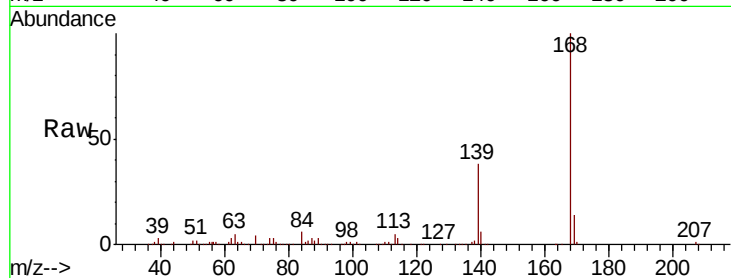




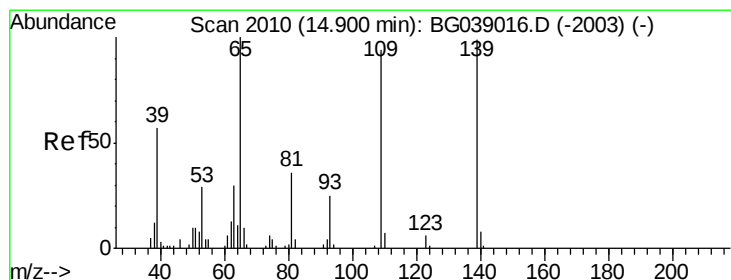
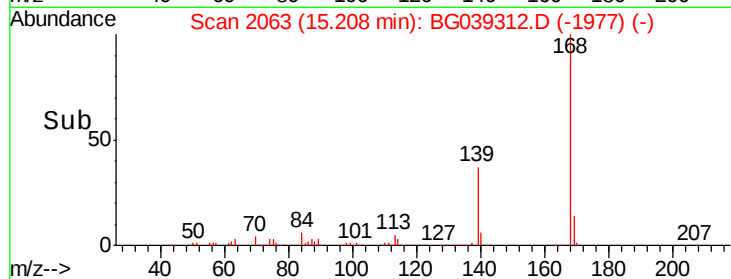
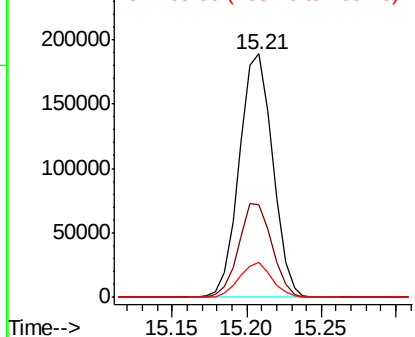
#55
Dibenzofuran
Concen: 24.812 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.03 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 292268
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 14.1 10.9 16.3

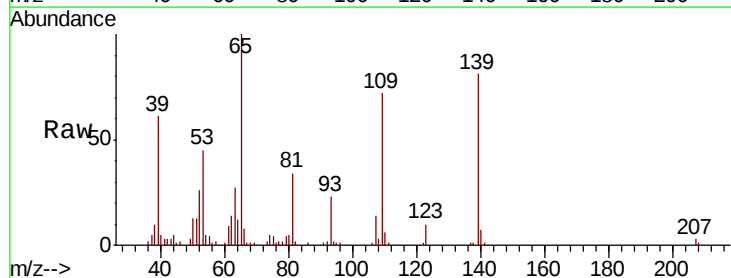


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

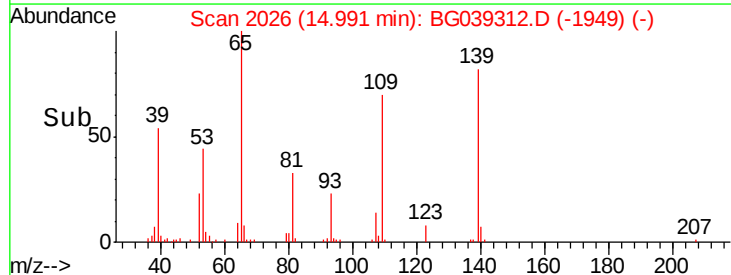
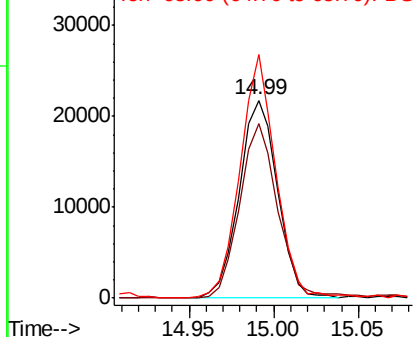


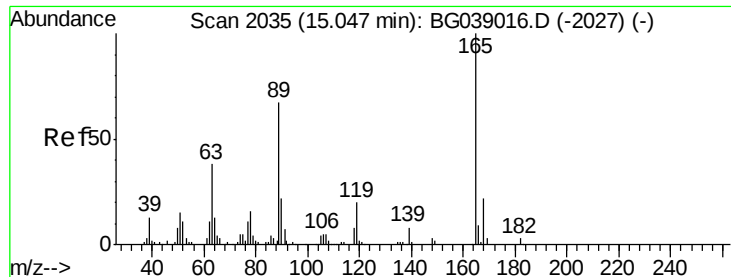
#56
4-Nitrophenol
Concen: 21.567 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.08 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:139 Resp: 34256
Ion Ratio Lower Upper
139 100
109 88.5 75.6 115.6
65 123.1 81.2 121.2#



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

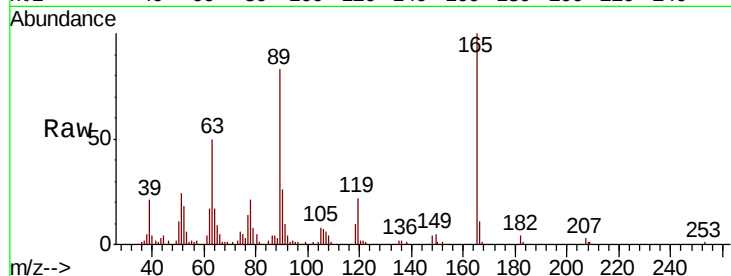




#57
2,4-Dinitrotoluene
Concen: 14.250 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.05 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.4	30.2	45.4#
89	83.2	53.2	79.8#
182	3.7	2.7	4.1



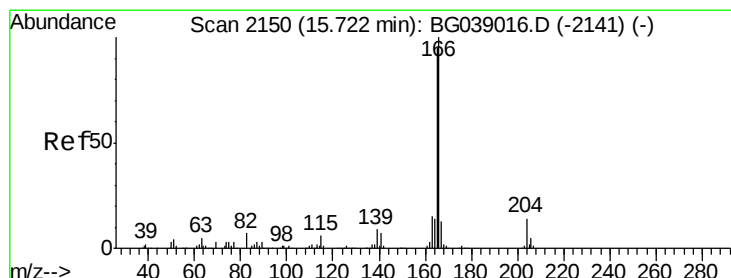
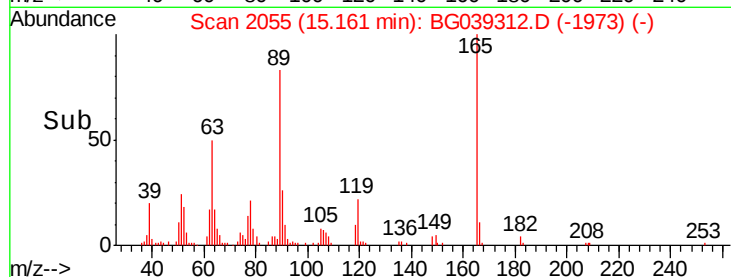
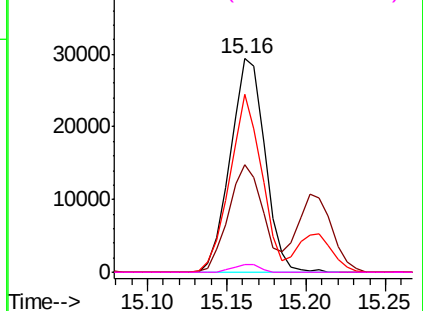
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

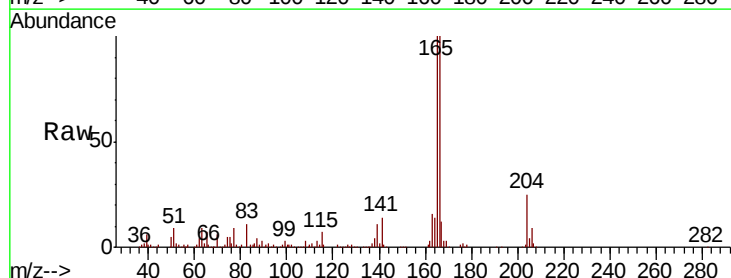
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 24.863 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	76.2	114.2
167	12.5	10.6	16.0

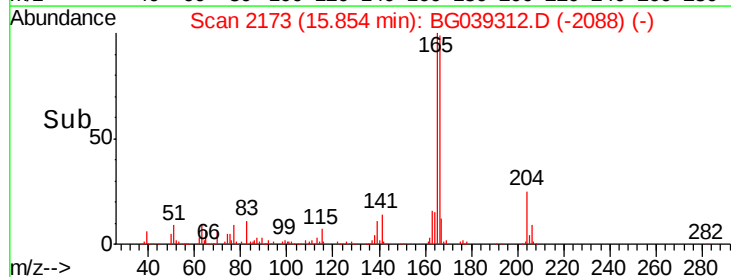
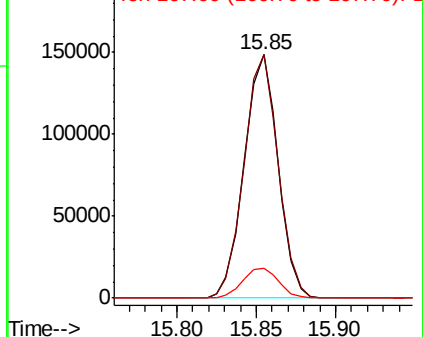


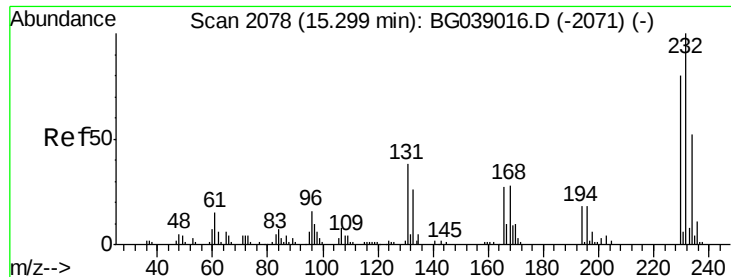
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

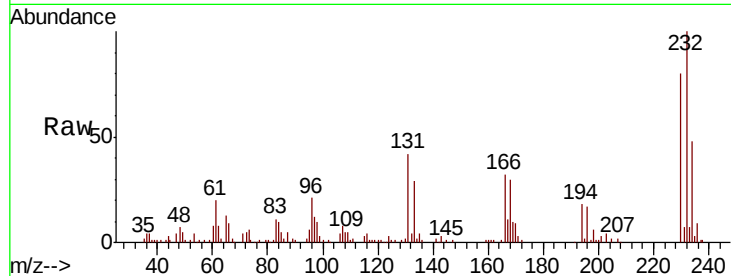




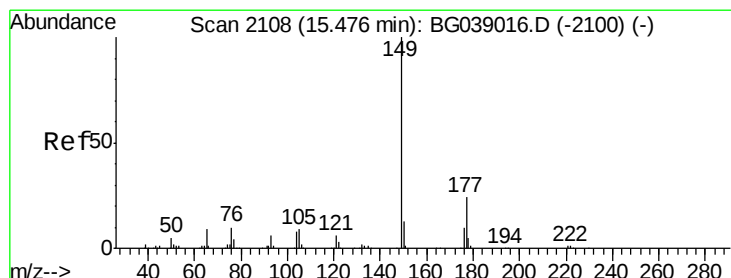
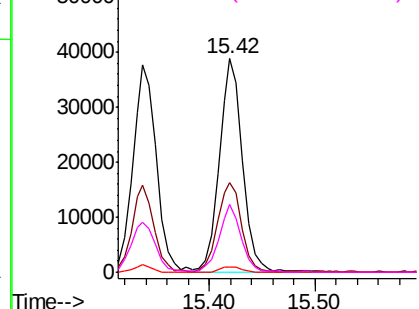
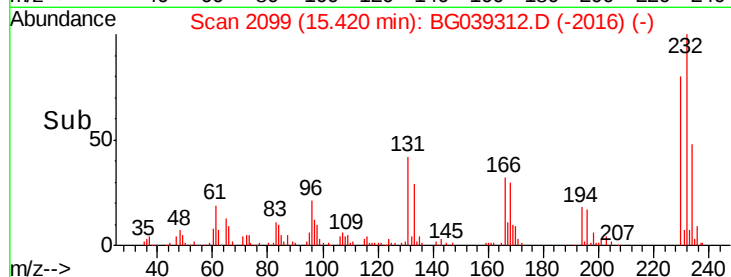
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 21.903 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.04 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	30.9	46.3
130	2.4	1.9	2.9
166	30.2	22.1	33.1

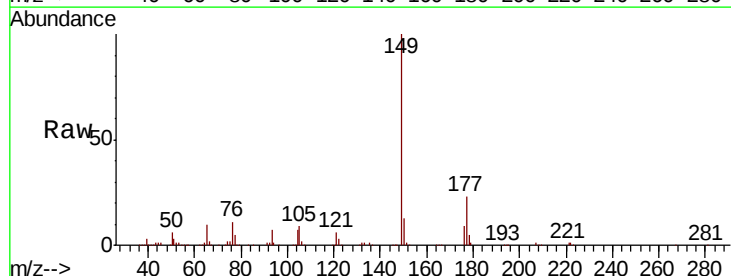


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

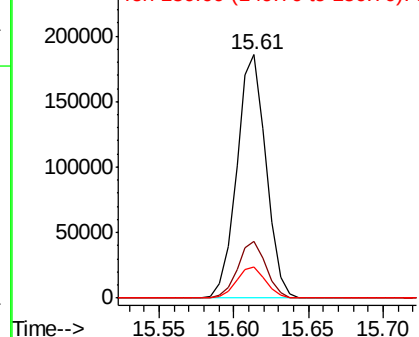
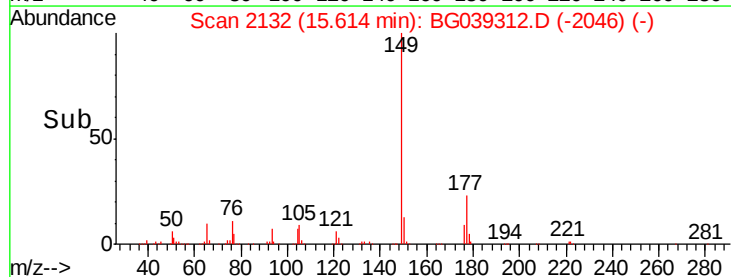


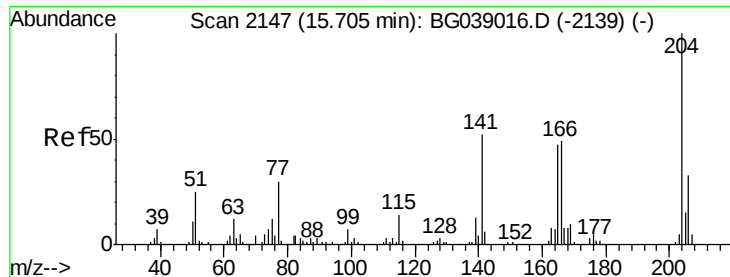
#60
 Diethylphthalate
 Concen: 25.177 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.03 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.0	28.6
150	12.8	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

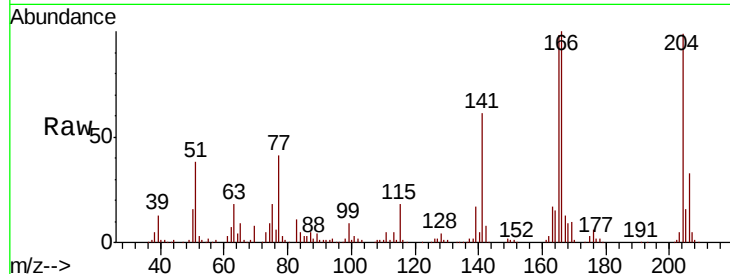




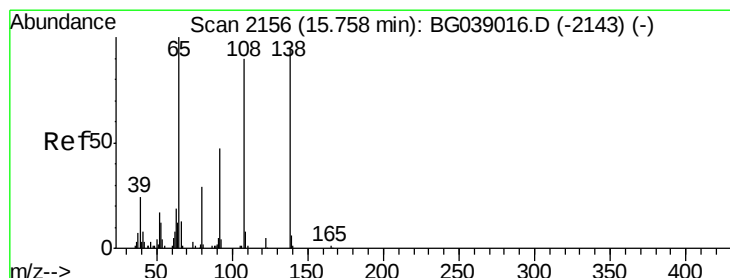
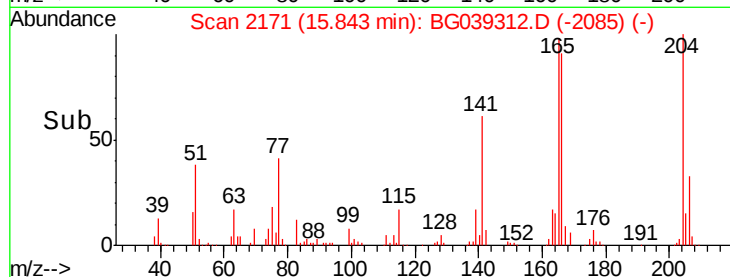
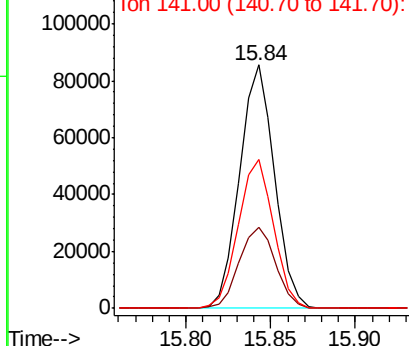
#61
4-Chlorophenyl-phenylether
Concen: 21.981 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.03 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 122786
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 61.3 41.4 62.0

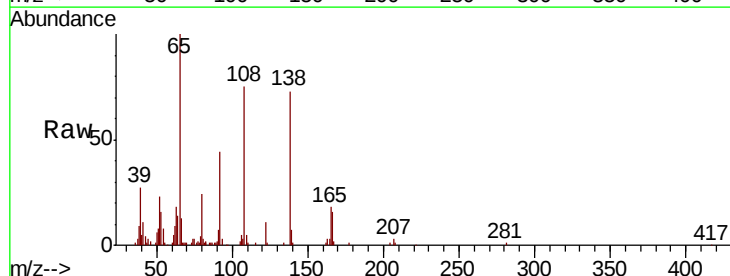


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

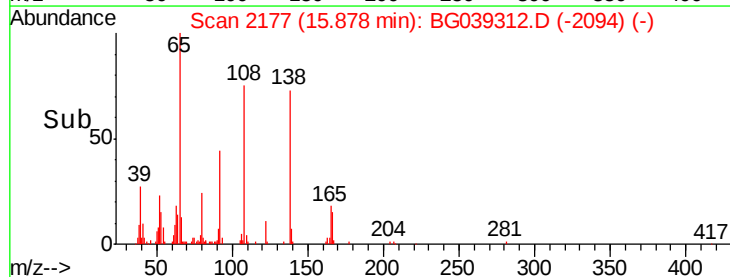
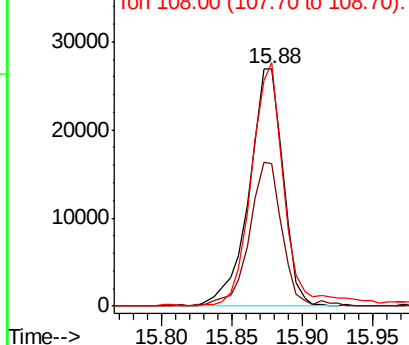


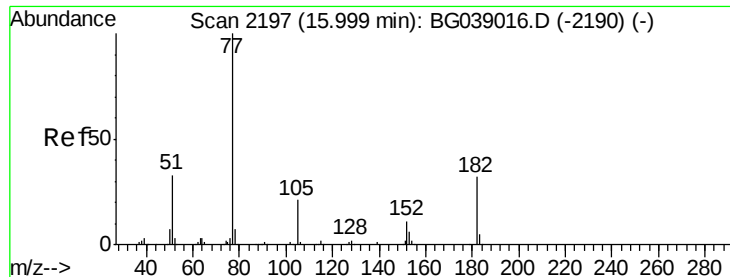
#62
4-Nitroaniline
Concen: 19.827 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.04 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:138 Resp: 45594
Ion Ratio Lower Upper
138 100
92 59.8 29.7 69.7
108 102.4 75.7 115.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

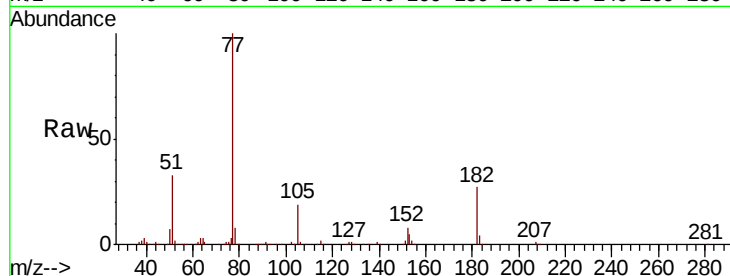




#63
Azobenzene
Concen: 31.353 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.03 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	26.8	12.2	52.2
105	105	19.5	1.2	41.2
51	51	32.9	13.4	53.4



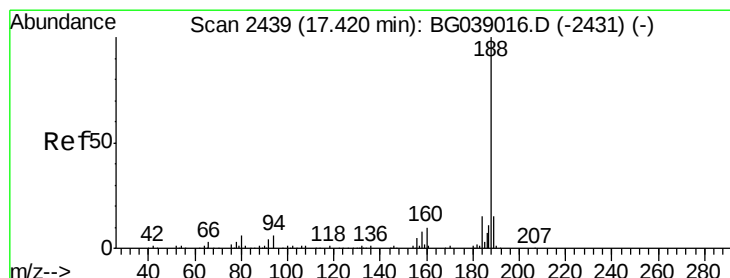
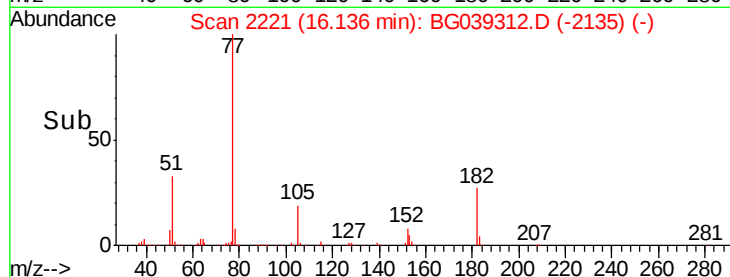
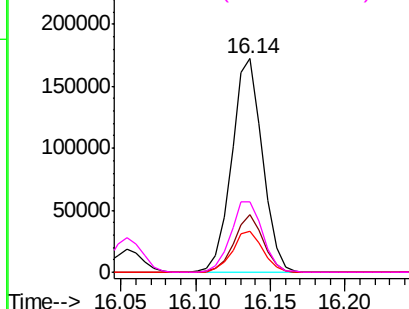
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

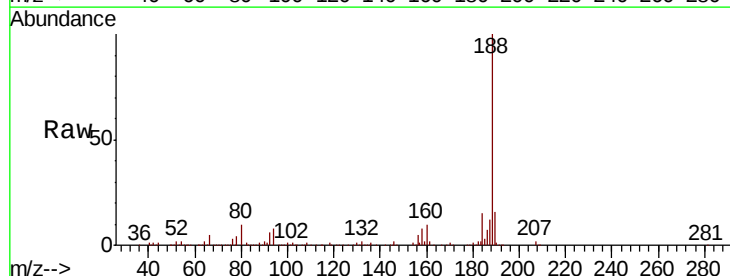
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	8.5	5.0	7.4#
80	80	10.0	4.7	7.1#

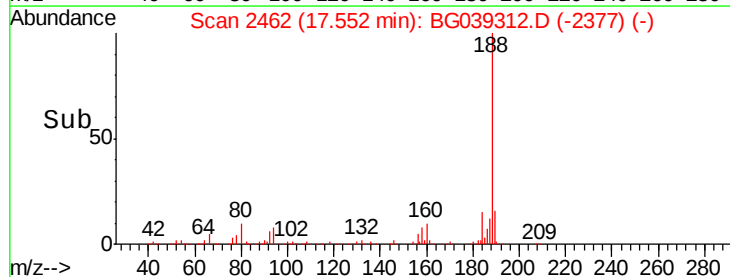
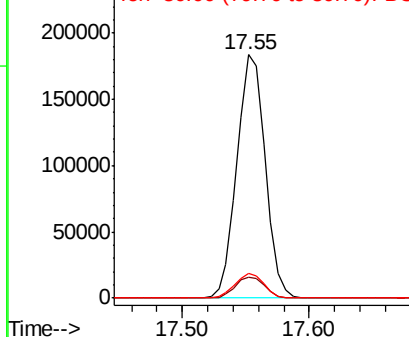


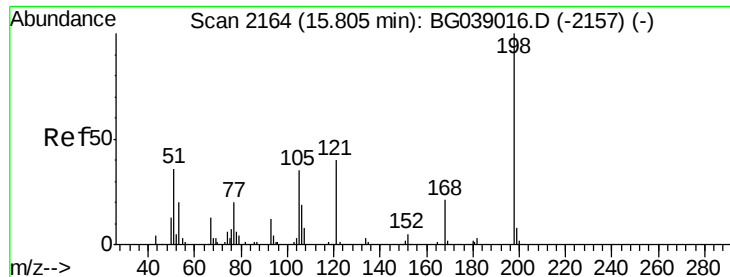
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 9.781 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.06 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

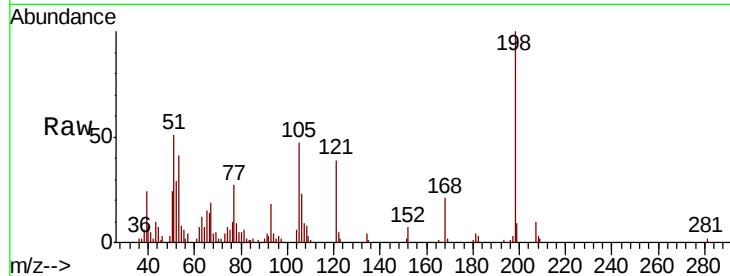
Tot Ion:198 Resp: 20532

Ion Ratio Lower Upper

198 100

51 50.7 20.8 60.8

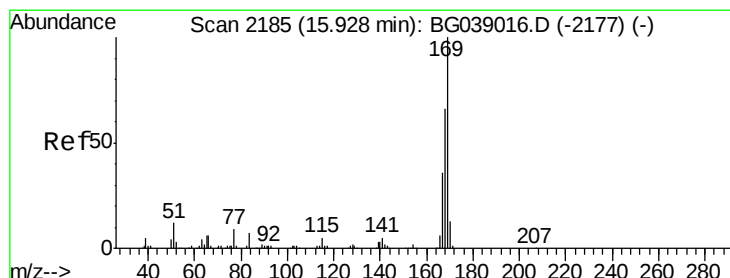
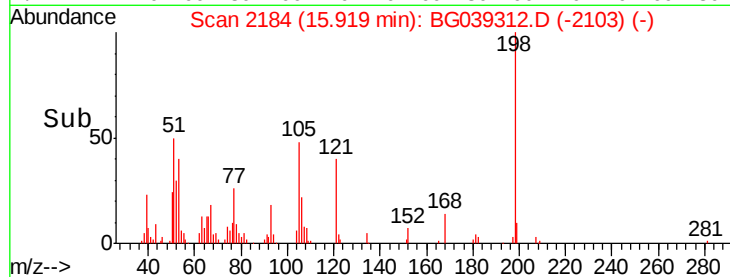
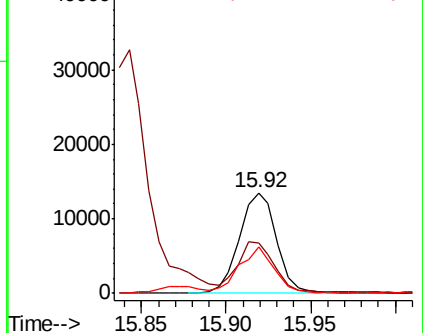
105 46.9 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 26.233 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.04 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

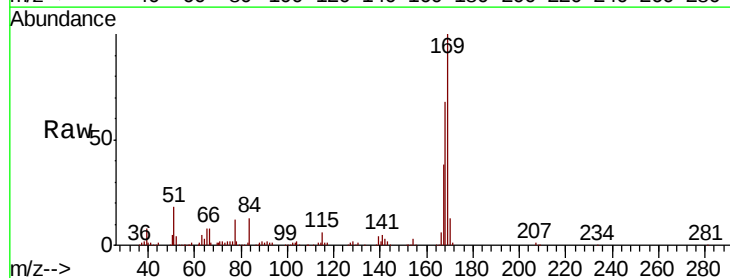
Tgt Ion:169 Resp: 220351

Ion Ratio Lower Upper

169 100

168 67.9 53.2 79.8

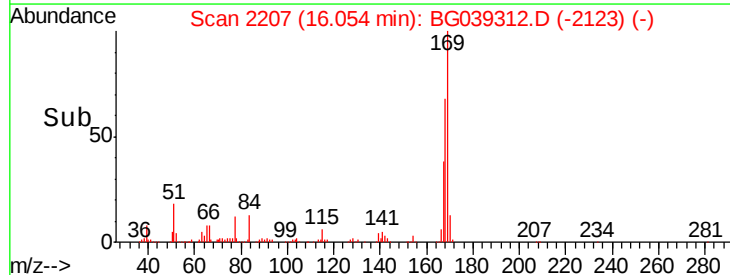
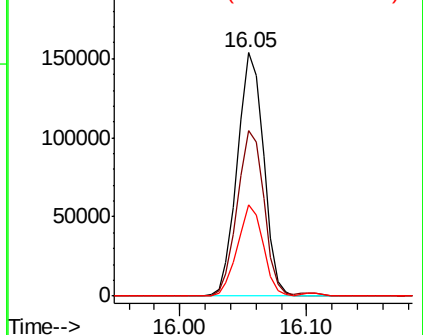
167 37.5 29.1 43.7

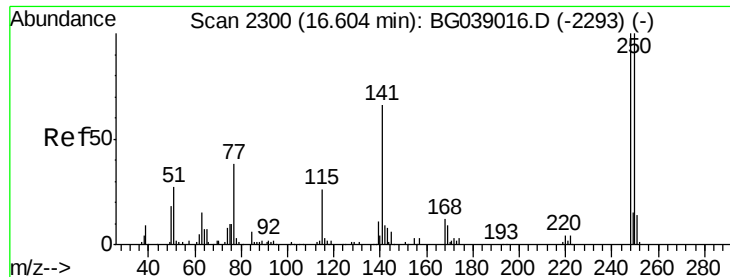


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

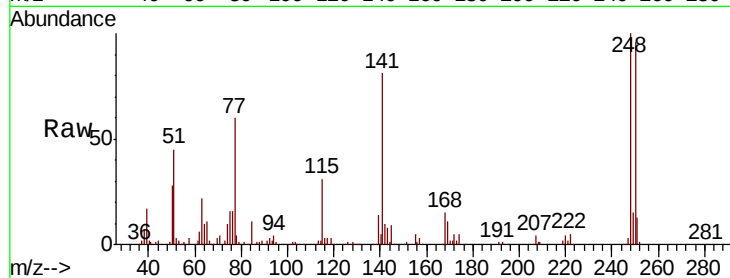




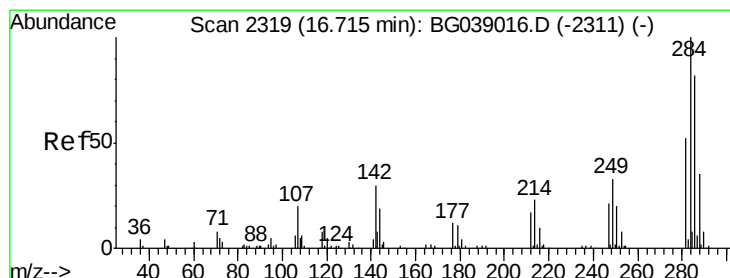
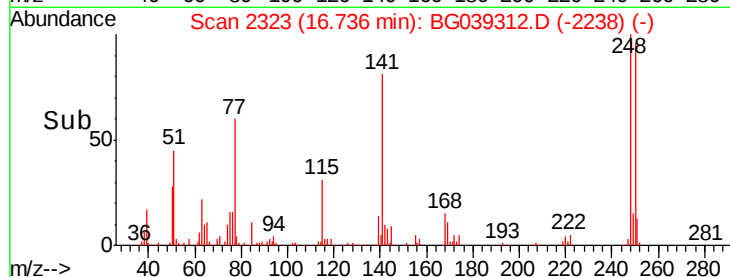
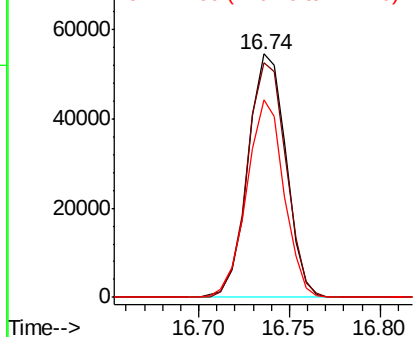
#67
 4-Bromophenyl-phenylether
 Concen: 21.758 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.03 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 79250
 Ion Ratio Lower Upper
 248 100
 250 96.5 79.9 119.9
 141 81.0 52.7 79.1#

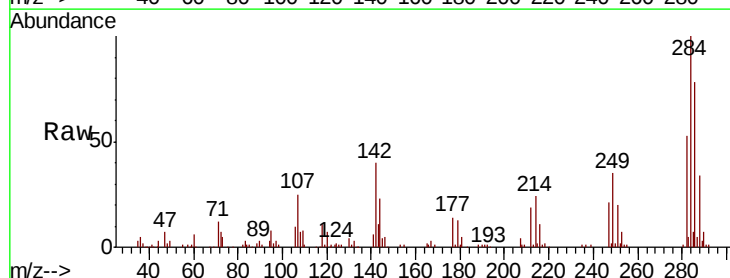


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

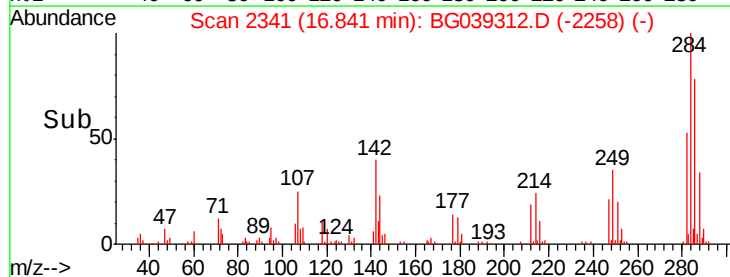
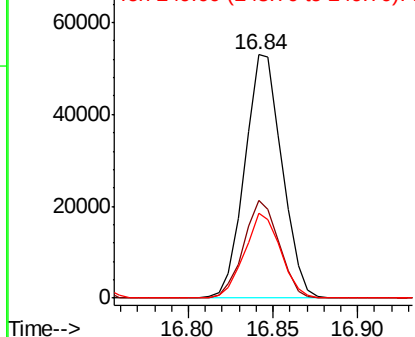


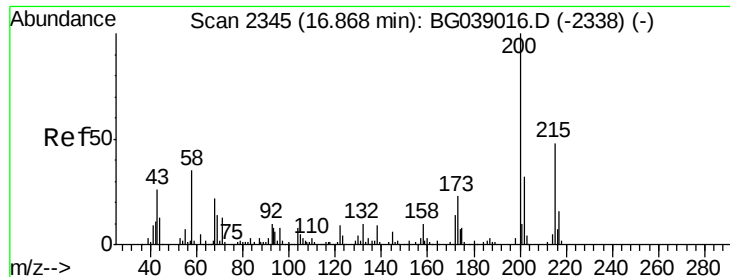
#68
 Hexachlorobenzene
 Concen: 20.427 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.04 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion:284 Resp: 81186
 Ion Ratio Lower Upper
 284 100
 142 40.0 24.3 36.5#
 249 35.0 27.8 41.8



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





#69

Atrazine

Concen: 24.555 ng

RT: 16.99 min Scan# 2367

Delta R.T. -0.04 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

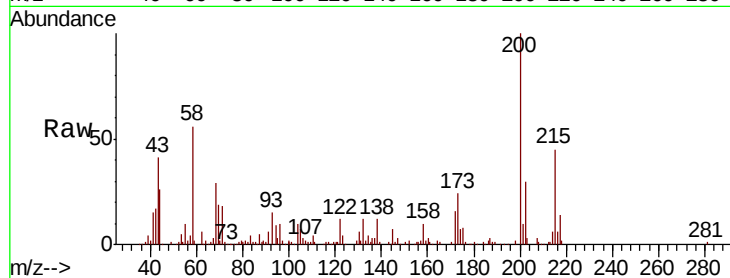
Tot Ion:200 Resp: 87620

Ion Ratio Lower Upper

200 100

173 24.1 2.6 42.6

215 45.3 28.0 68.0

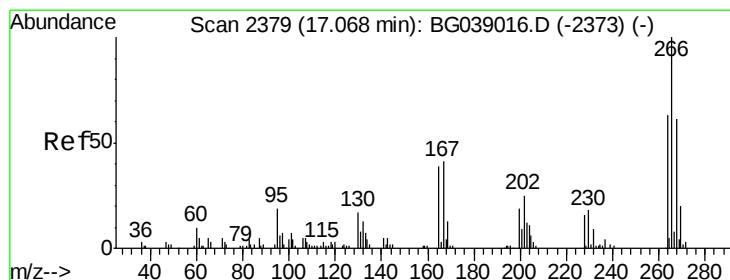
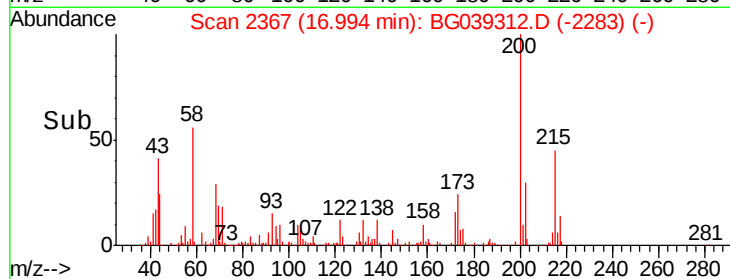
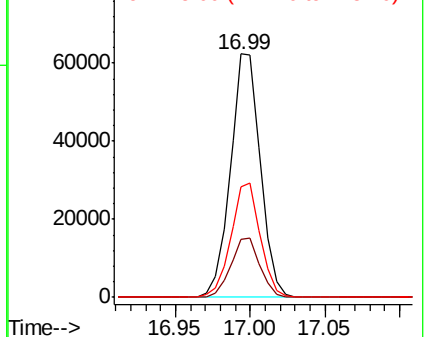


Abundance

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: 25.033 ng

RT: 17.19 min Scan# 2400

Delta R.T. -0.05 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

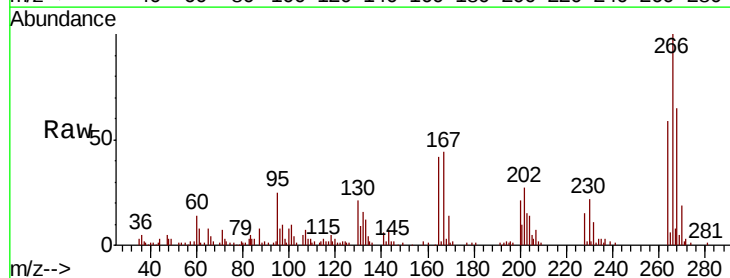
Tgt Ion:266 Resp: 53231

Ion Ratio Lower Upper

266 100

268 64.7 52.0 78.0

264 59.2 54.6 81.8

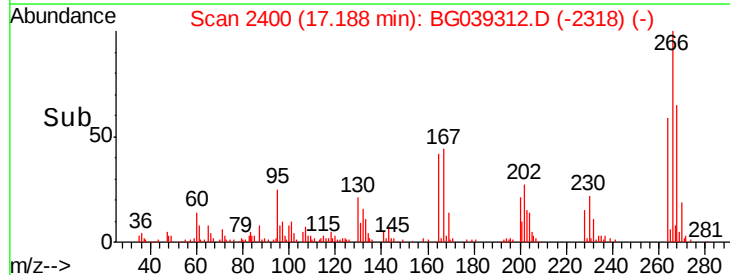
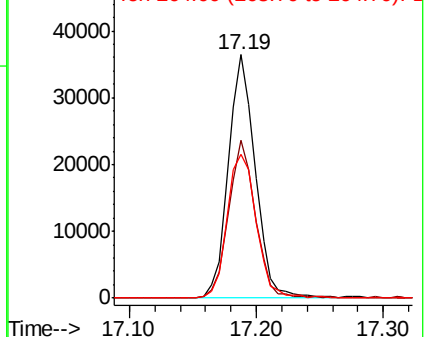


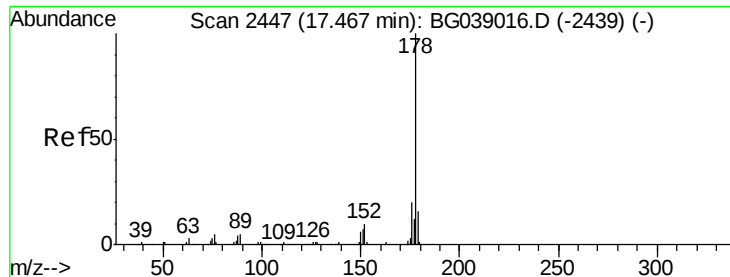
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

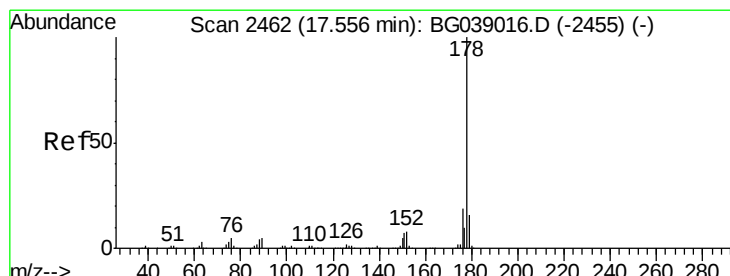
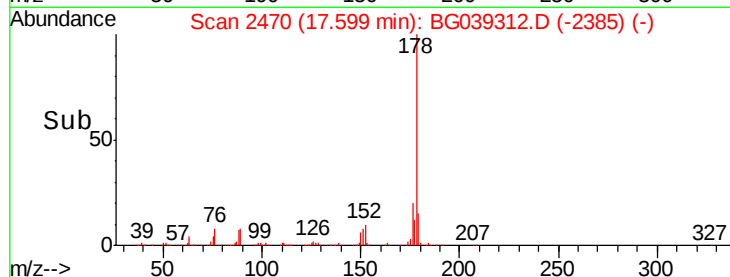
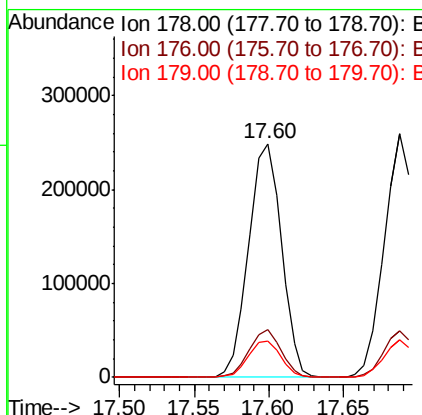
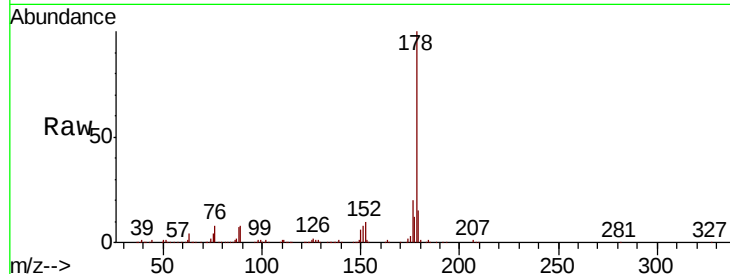




#71
Phenanthrene
Concen: 25.319 ng
RT: 17.60 min Scan# 2470
Delta R.T. -0.03 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

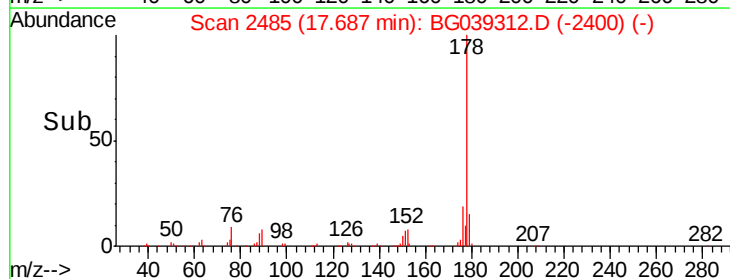
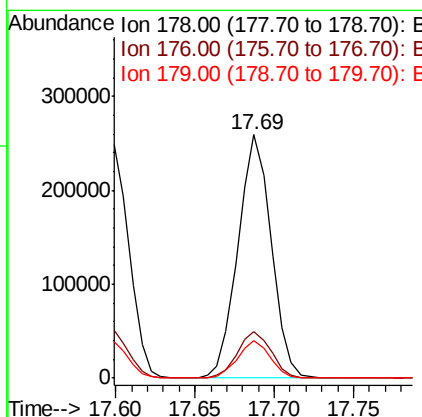
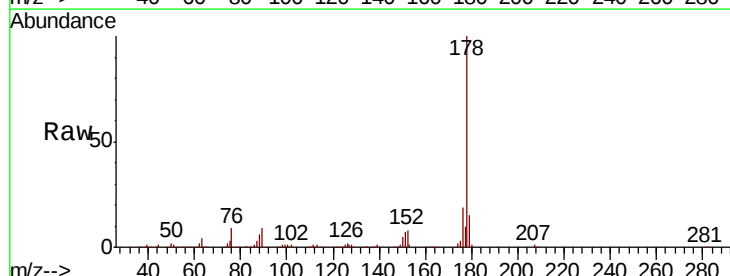
Instrument :
BNA_F
ClientSampleId :

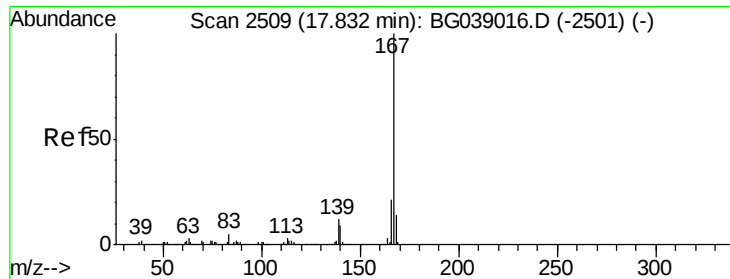
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	15.3	12.9	19.3



#72
Anthracene
Concen: 25.437 ng
RT: 17.69 min Scan# 2485
Delta R.T. -0.03 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.3	13.0	19.4

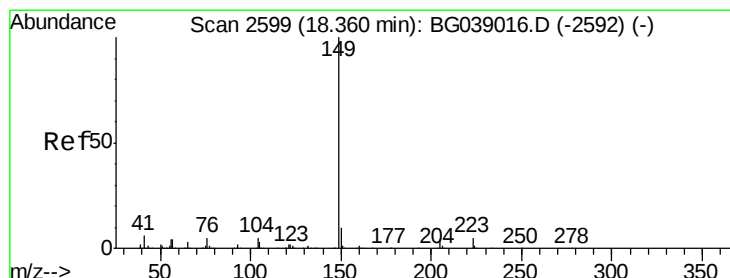
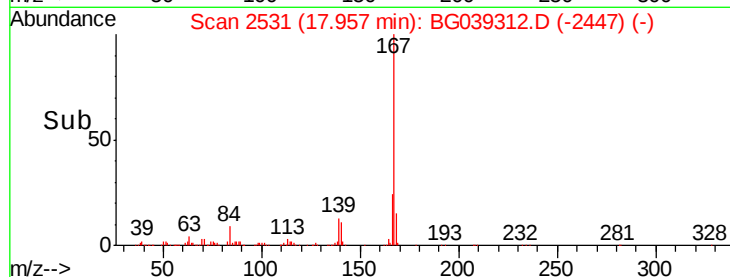
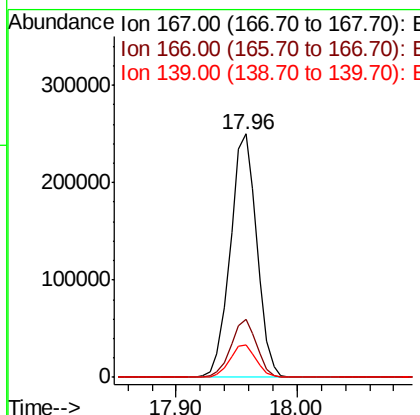
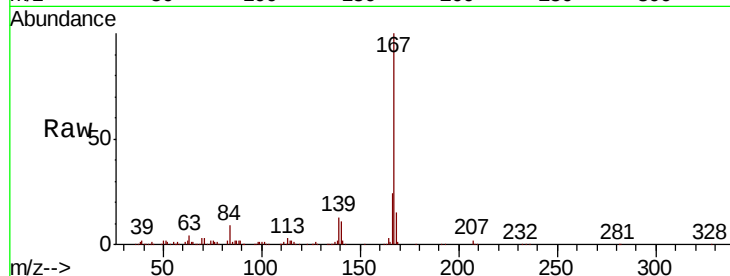




#73
 Carbazole
 Concen: 26.070 ng
 RT: 17.96 min Scan# 2531
 Delta R.T. -0.04 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

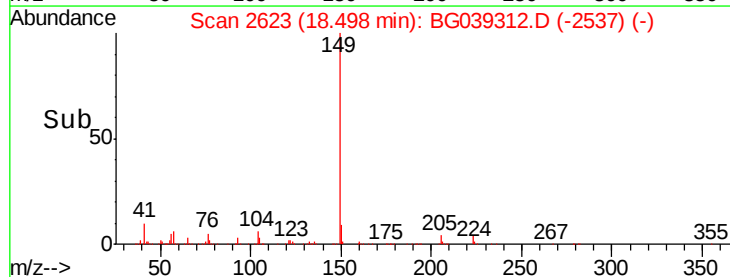
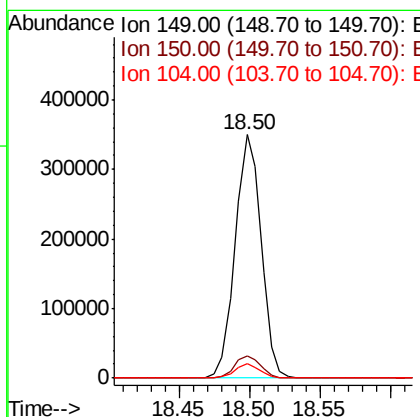
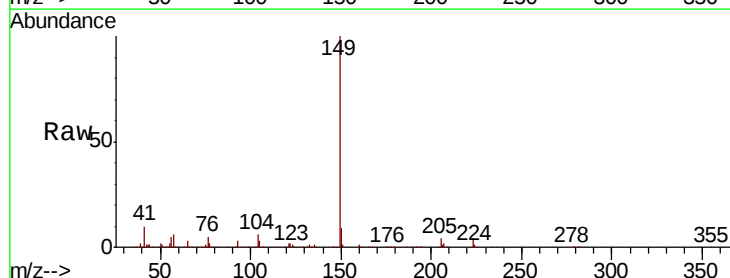
Instrument :
 BNA_F
 ClientSampleId :

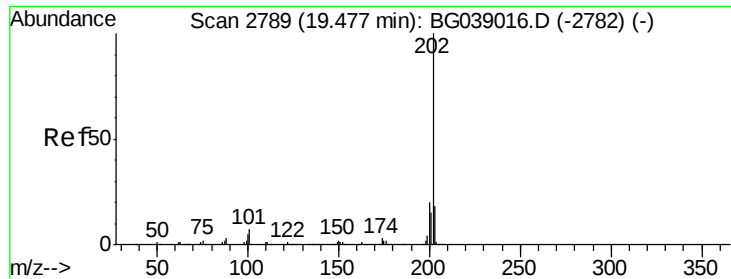
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	16.9	25.3
139	13.4	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 27.533 ng
 RT: 18.50 min Scan# 2623
 Delta R.T. -0.03 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.7	4.2	6.2





#75

Fluoranthene

Concen: 24.326 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.04 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

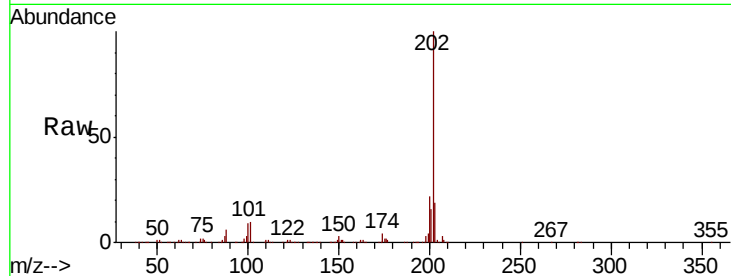
Tot Ion:202 Resp: 451646

Ion Ratio Lower Upper

202 100

101 10.4 0.0 26.9

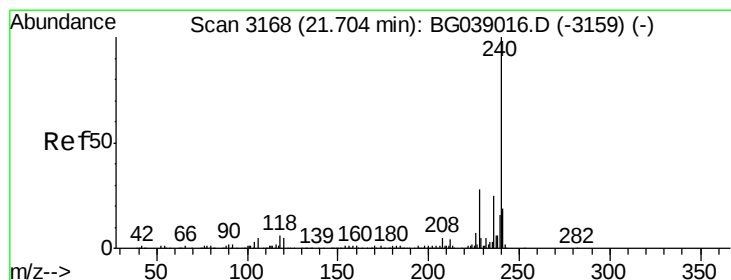
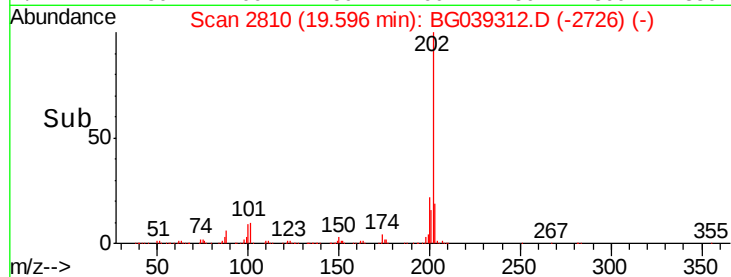
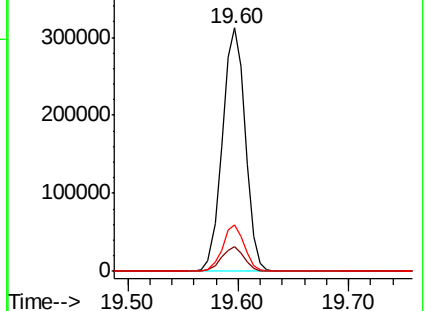
203 19.3 0.0 38.1



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: 21.85 min Scan# 3194

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

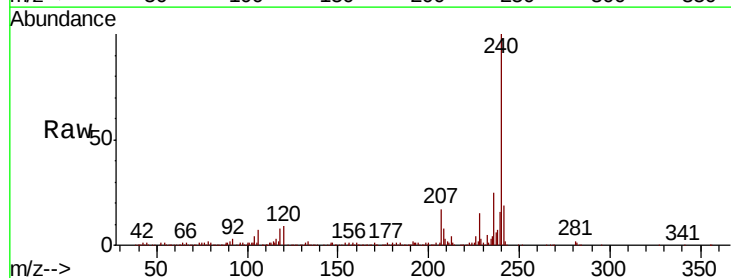
Tgt Ion:240 Resp: 289749

Ion Ratio Lower Upper

240 100

120 8.7 4.3 6.5#

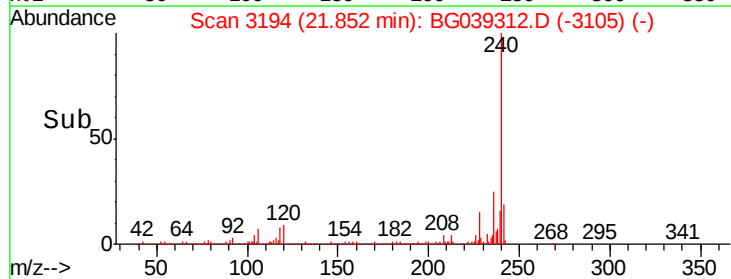
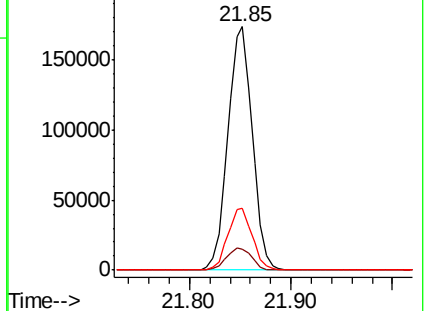
236 25.4 20.1 30.1

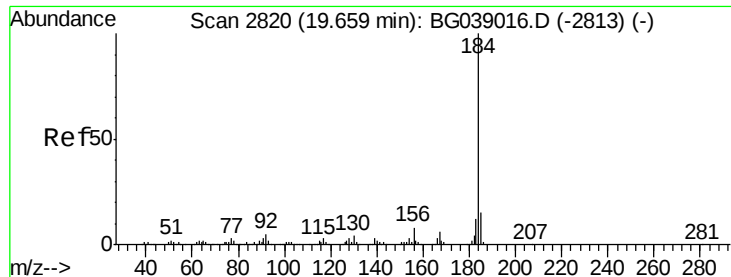


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.059 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.04 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

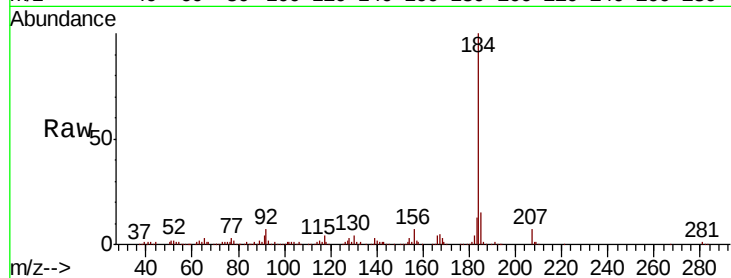
Tot Ion:184 Resp: 222081

Ion Ratio Lower Upper

184 100

185 14.7 12.1 18.1

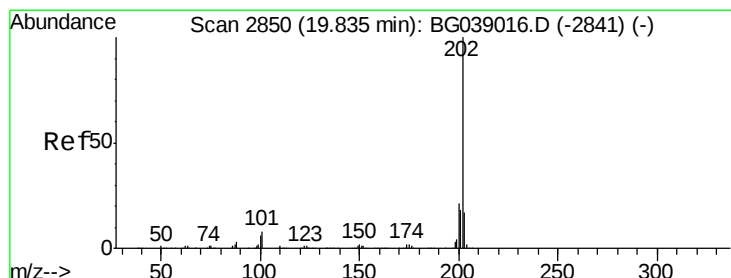
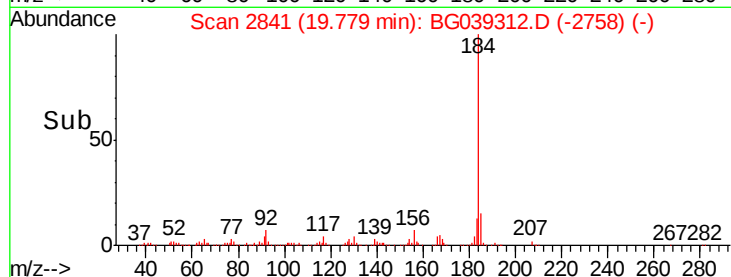
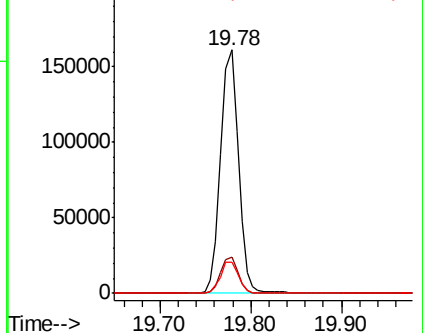
183 12.8 9.5 14.3



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: 25.335 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.04 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

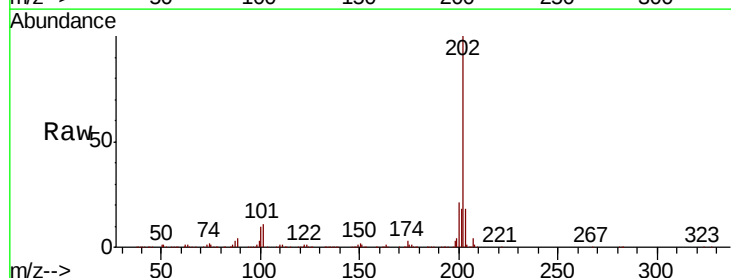
Tgt Ion:202 Resp: 467816

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

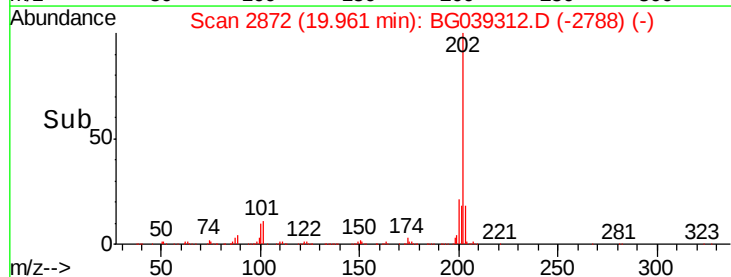
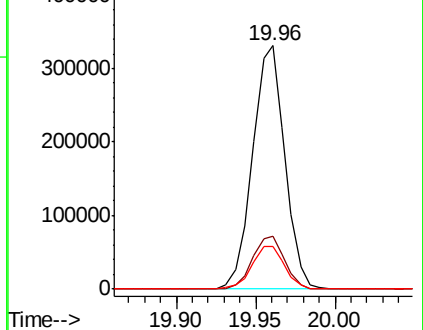
203 17.7 14.0 21.0

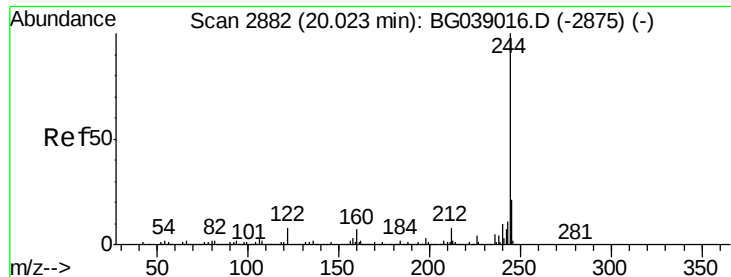


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

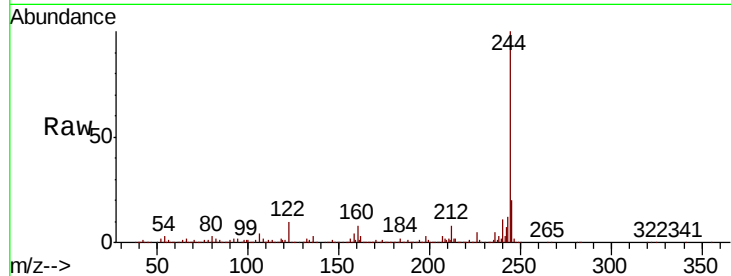




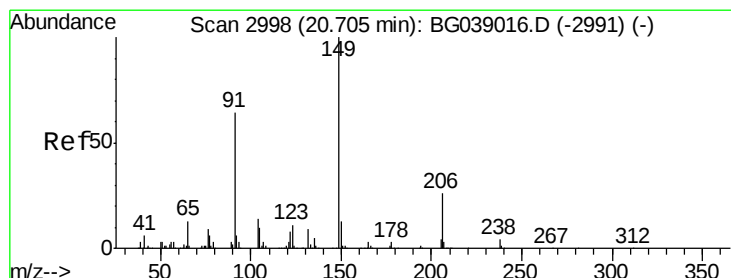
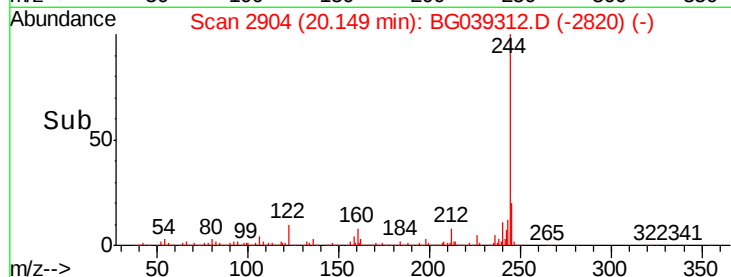
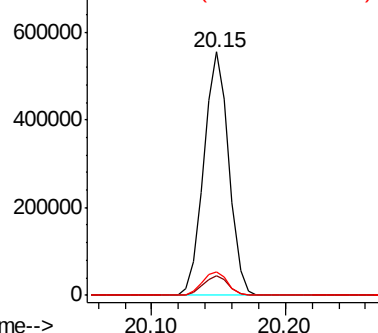
#79
 Terphenyl-d14
 Concen: 46.322 ng
 RT: 20.15 min Scan# 2904
 Delta R.T. -0.04 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 725538
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 9.7 6.1 9.1#

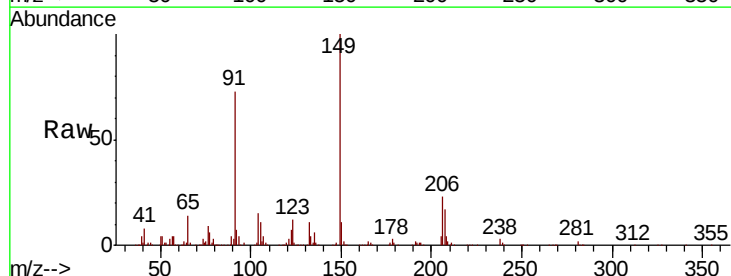


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

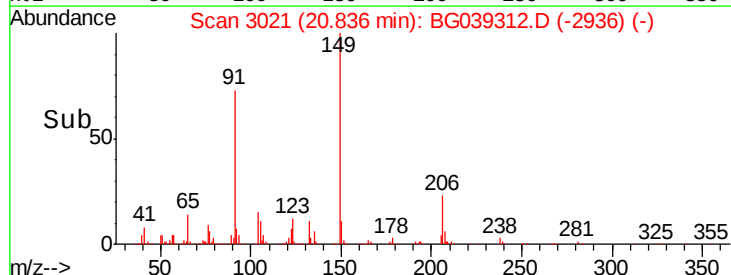
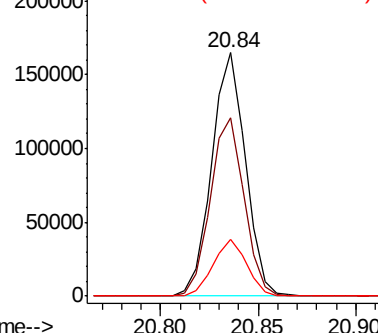


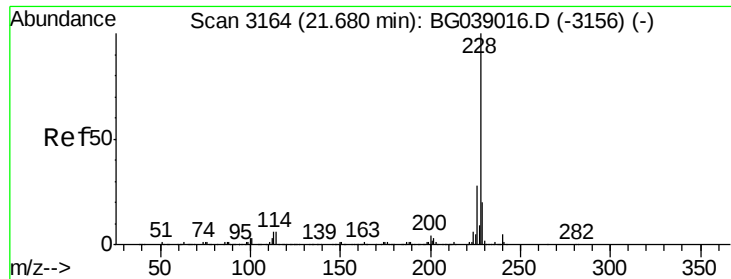
#80
 Butylbenzylphthalate
 Concen: 27.956 ng
 RT: 20.84 min Scan# 3021
 Delta R.T. -0.03 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion:149 Resp: 196333
 Ion Ratio Lower Upper
 149 100
 91 73.2 51.4 77.0
 206 23.2 20.4 30.6



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

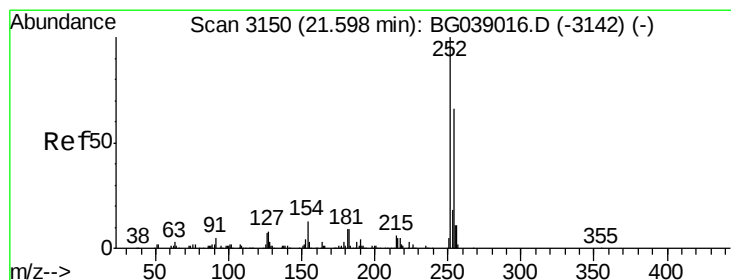
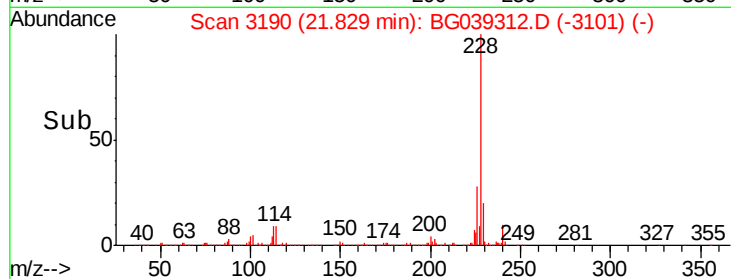
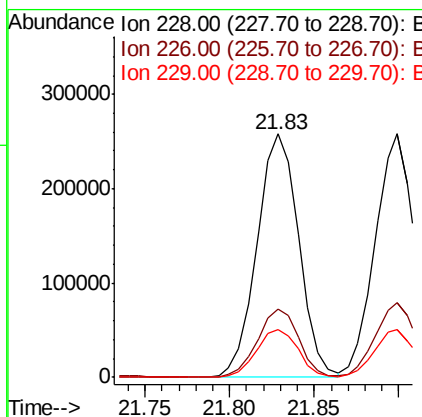
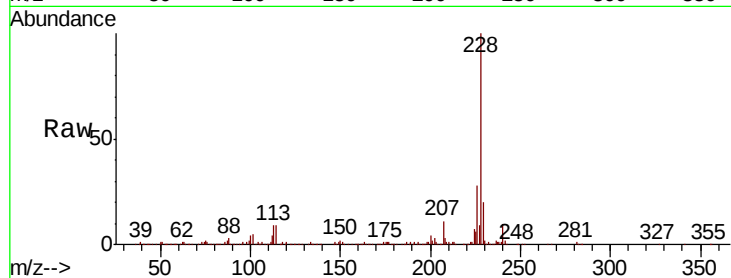




#81
Benzo(a)anthracene
Concen: 25.087 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.01 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

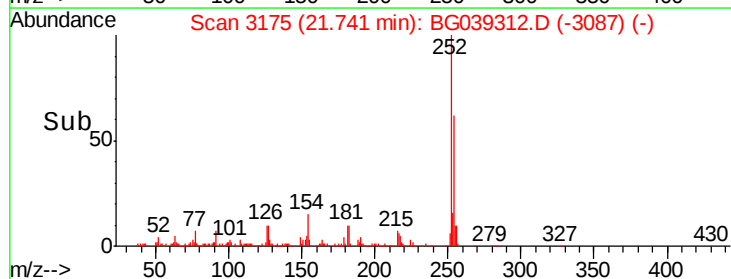
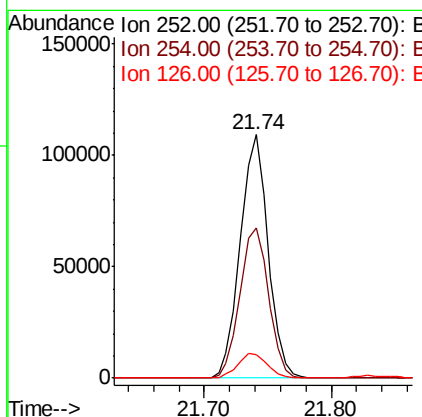
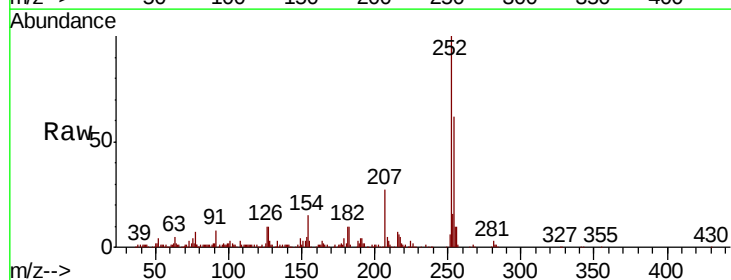
Instrument :
BNA_F
ClientSampleId :

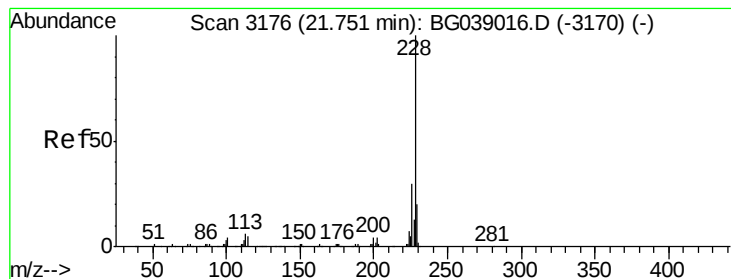
Tot Ion:228 Resp: 442493
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 19.6 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 23.180 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:252 Resp: 166585
Ion Ratio Lower Upper
252 100
254 61.6 53.0 79.6
126 9.8 6.0 9.0#





#83

Chrvsene

Concen: 25.173 ng

RT: 21.90 min Scan# 3202

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

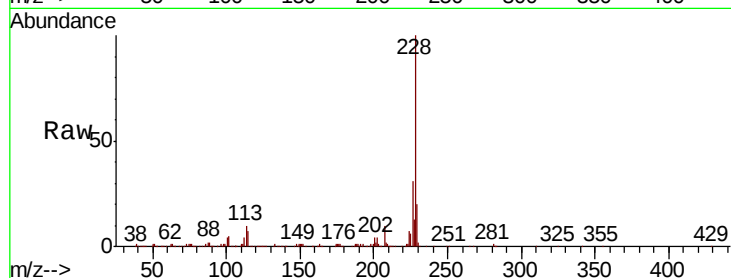
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 422299

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	19.9	16.0	24.0

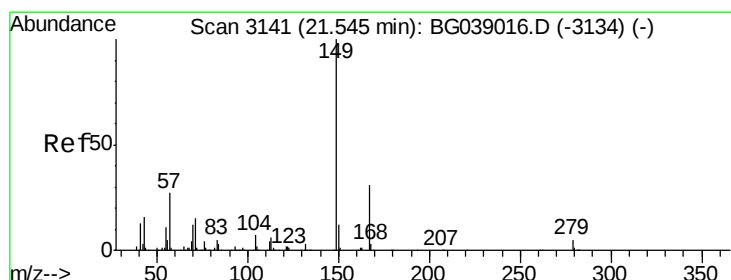
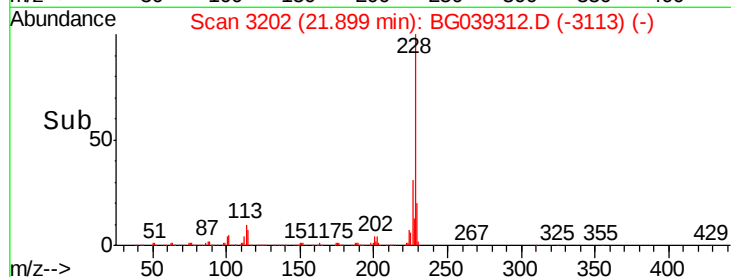
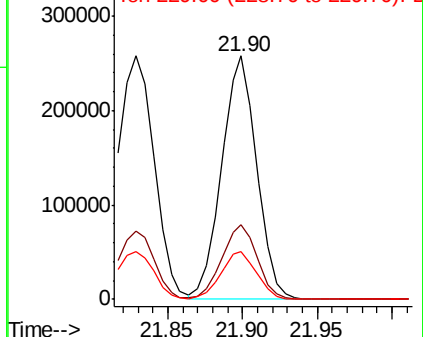


Abundance

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: 28.819 ng

RT: 21.72 min Scan# 3171

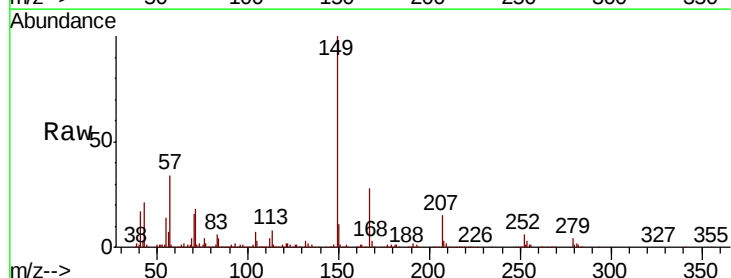
Delta R.T. 0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Tgt Ion:149 Resp: 281027

Ion	Ratio	Lower	Upper
149	100		
167	28.1	25.0	37.4
279	4.4	4.3	6.5

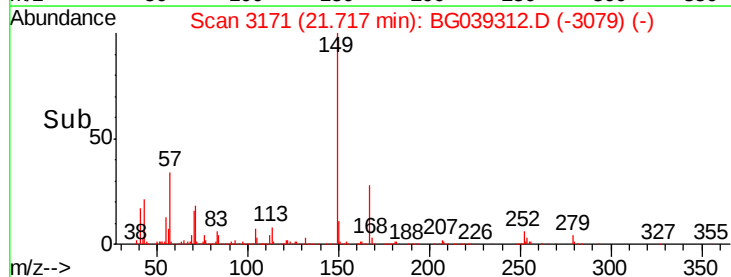
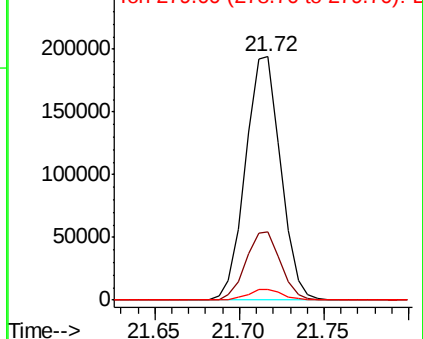


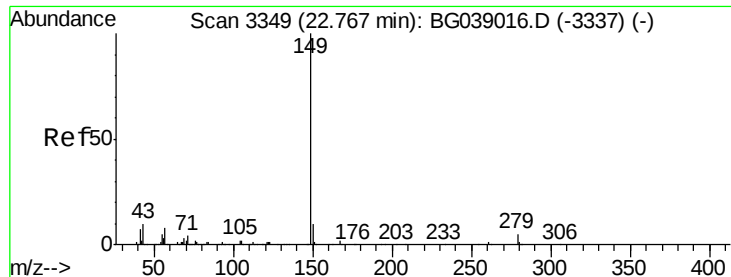
Abundance

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: 28.033 ng

RT: 22.99 min Scan# 3388

Delta R.T. 0.07 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

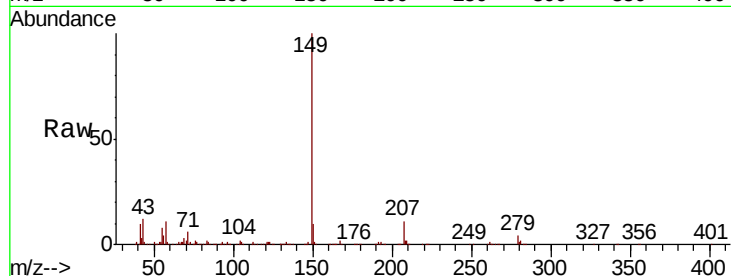
Tot Ion:149 Resp: 462235

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

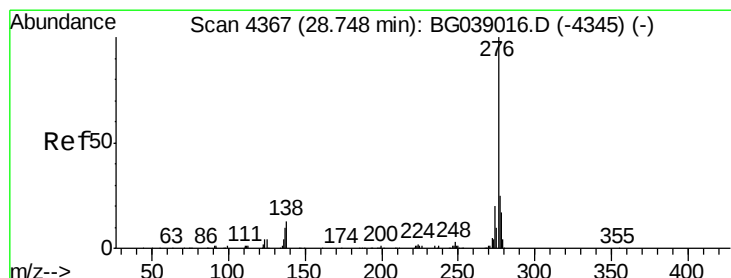
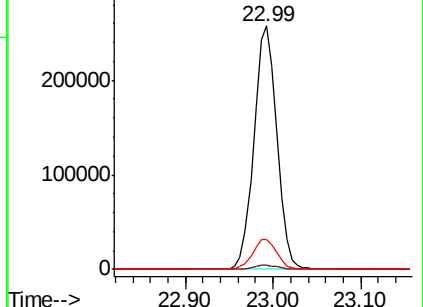
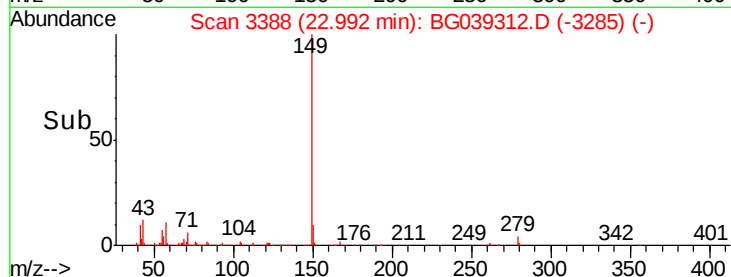
43 13.0 7.5 11.3#



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: 22.289 ng

RT: 29.15 min Scan# 4436

Delta R.T. 0.28 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

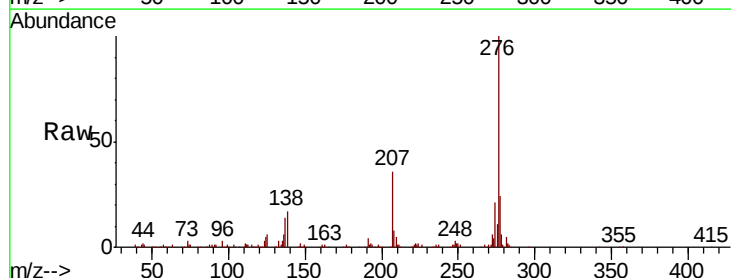
Tgt Ion:276 Resp: 446782

Ion Ratio Lower Upper

276 100

138 14.4 8.0 12.0#

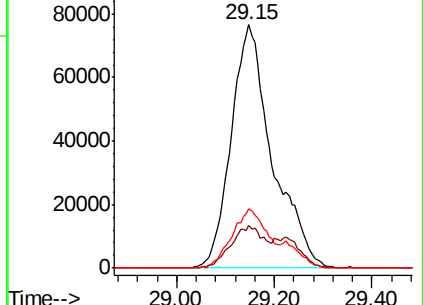
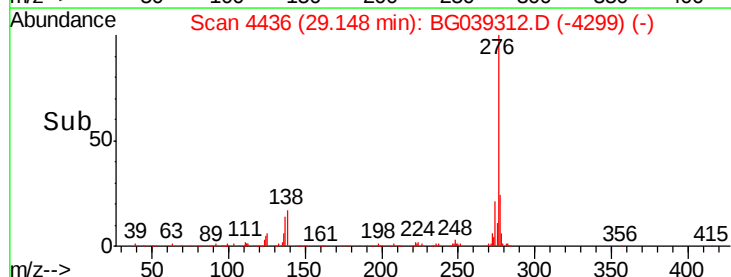
277 21.1 20.3 30.5

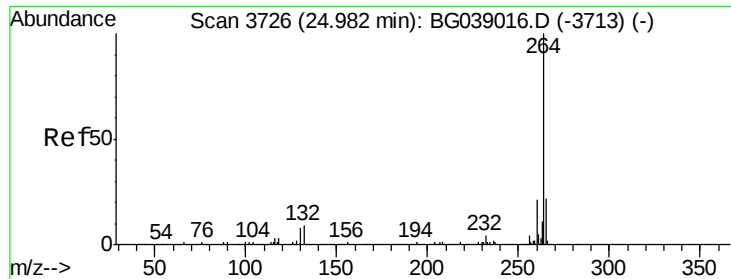


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

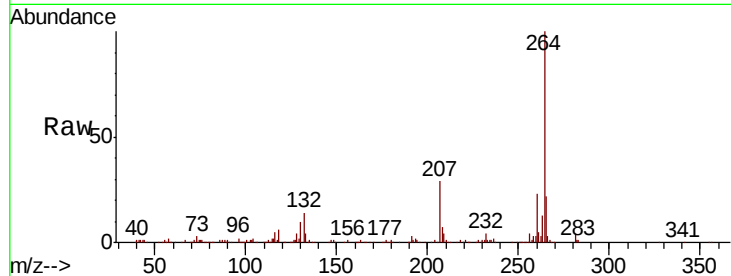




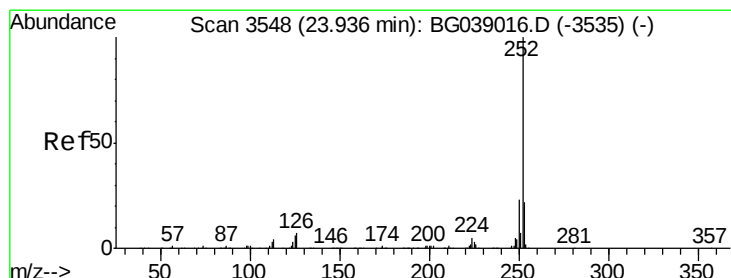
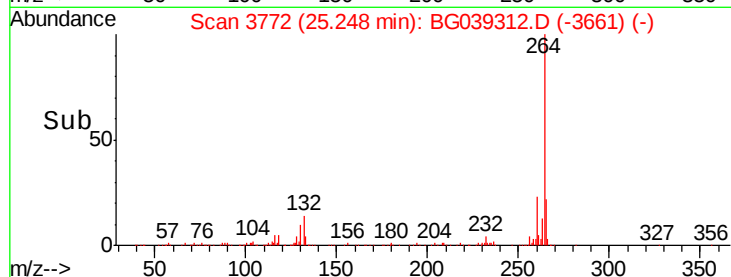
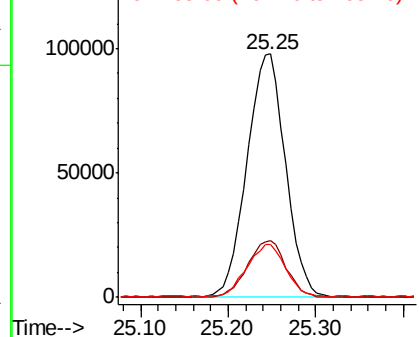
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.25 min Scan# 3772
Delta R.T. 0.12 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 292580
Ion Ratio Lower Upper
264 100
260 23.1 17.0 25.6
265 21.6 17.2 25.8

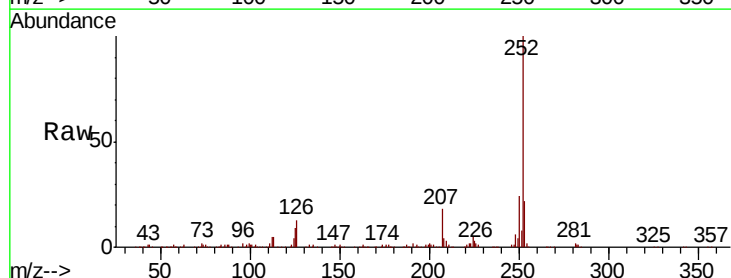


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

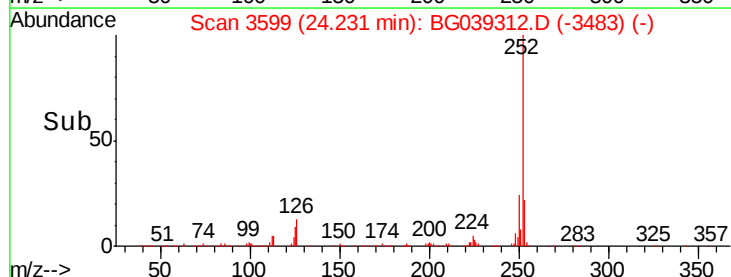
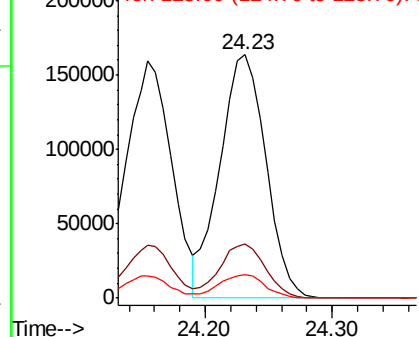


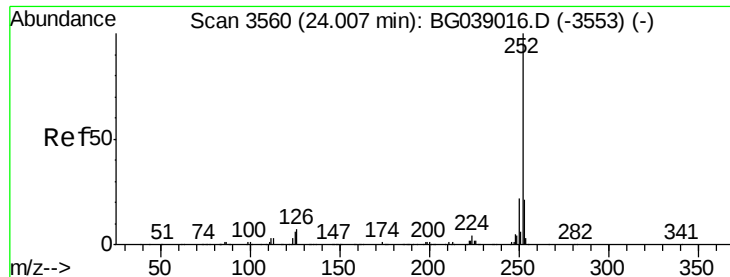
#88
Benzo(b)fluoranthene
Concen: 25.452 ng
RT: 24.23 min Scan# 3599
Delta R.T. 0.15 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:252 Resp: 410612
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.5 4.9 7.3#



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: 25.742 ng

RT: 24.23 min Scan# 3599

Delta R.T. 0.08 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampled :

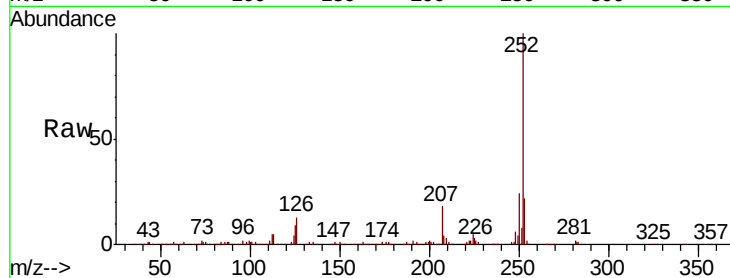
Tot Ion:252 Resp: 410612

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

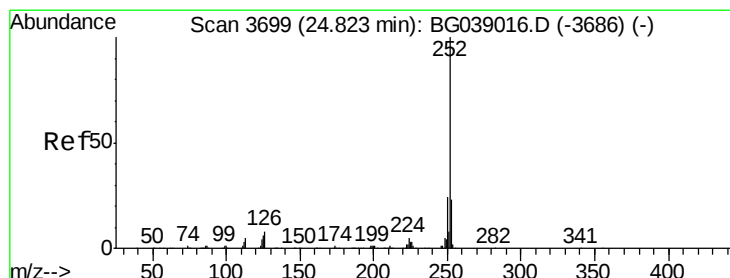
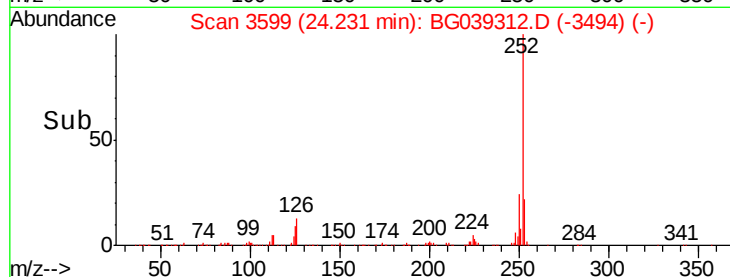
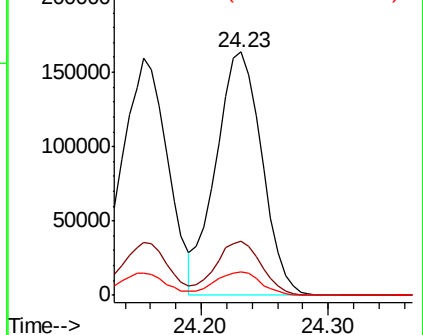
125 9.5 4.6 7.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 25.212 ng

RT: 25.08 min Scan# 3744

Delta R.T. 0.11 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

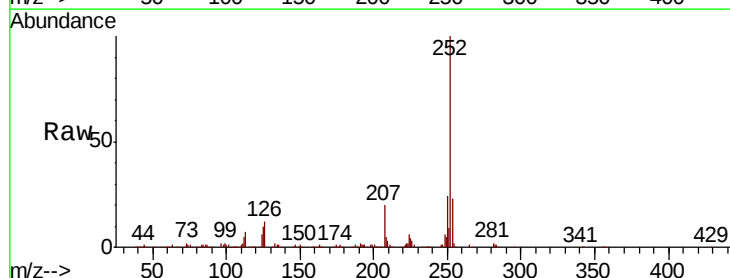
Tgt Ion:252 Resp: 393154

Ion Ratio Lower Upper

252 100

253 23.3 18.3 27.5

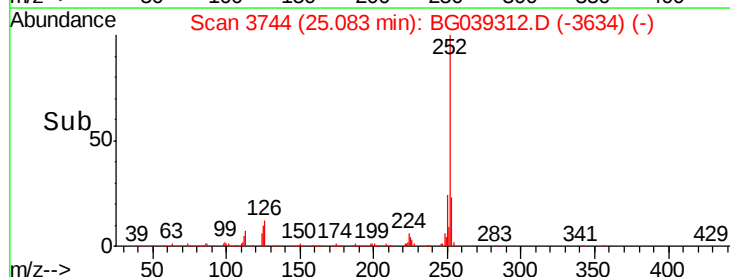
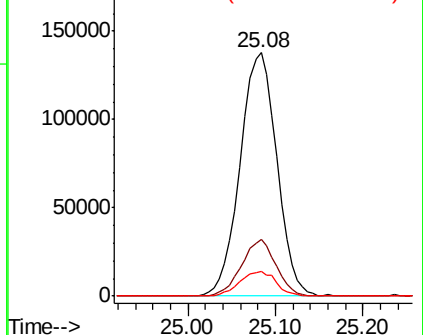
125 10.0 4.9 7.3#

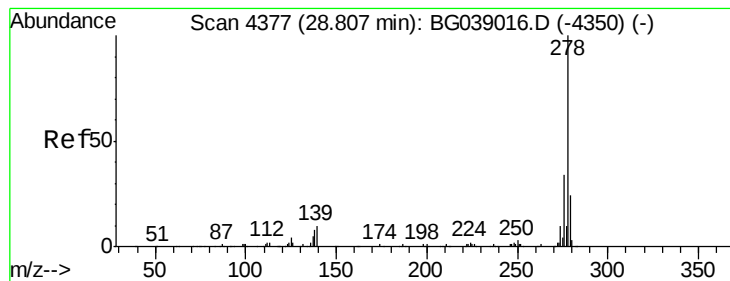


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 23.677 ng

RT: 29.22 min Scan# 4449

Delta R.T. 0.30 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_F

ClientSampleId :

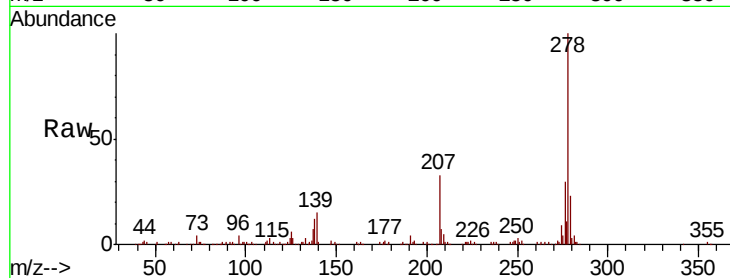
Tot Ion:278 Resp: 367242

Ion Ratio Lower Upper

278 100

139 14.8 7.9 11.9#

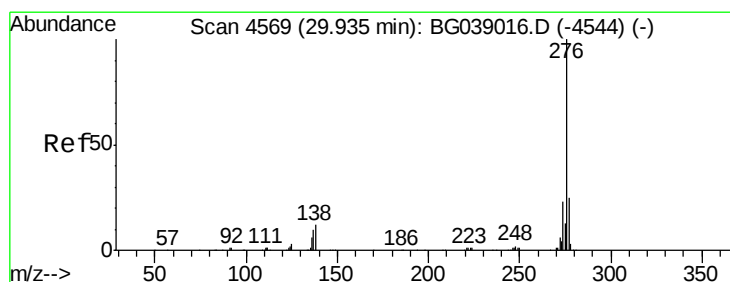
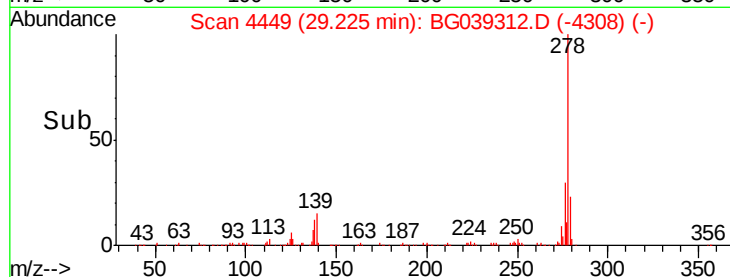
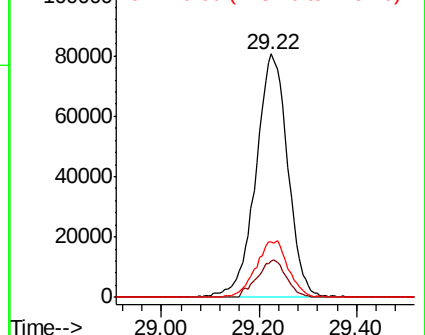
279 22.6 19.3 28.9



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: 23.625 ng

RT: 30.36 min Scan# 4643

Delta R.T. 0.31 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

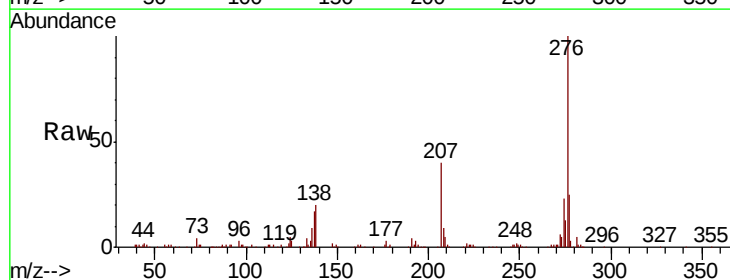
Tgt Ion:276 Resp: 362760

Ion Ratio Lower Upper

276 100

277 24.9 20.3 30.5

138 19.8 9.4 14.2#



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

