

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039327.D
 Acq On : 30 Jan 2019 14:33
 Operator : JU/SJ
 Sample : PB116707BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 17:18:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	40317	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	173664	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	115688	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	289127	20.00	ng	0.00
76) Chrysene-d12	21.84	240	295204	20.00	ng	0.00
87) Perylene-d12	25.24	264	307922	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	342643	145.46	ng	0.00
7) Phenol-d6	7.32	99	490354	141.42	ng	0.00
23) Nitrobenzene-d5	9.36	82	252461	90.82	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	172681	138.61	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	635362	78.79	ng	0.00
79) Terphenyl-d14	20.15	244	1121015	80.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	50317	48.832	ng	97
3) Pyridine	4.01	79	105955	38.838	ng	96
4) n-Nitrosodimethylamine	3.93	42	59213	43.399	ng	99
6) Aniline	7.51	93	132060	30.406	ng	99
8) 2-Chlorophenol	7.74	128	119522	46.417	ng	98
9) Benzaldehyde	7.32	77	29491	13.512	ng	97
10) Phenol	7.35	94	166074	45.946	ng	97
11) bis(2-Chloroethyl)ether	7.60	93	114530	40.099	ng	97
12) 1,3-Dichlorobenzene	8.07	146	125559	40.252	ng	98
13) 1,4-Dichlorobenzene	8.22	146	127114	40.884	ng	98
14) 1,2-Dichlorobenzene	8.54	146	119764	39.791	ng	98
15) Benzyl Alcohol	8.42	79	115900	42.575	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	248463	38.522	ng	99
17) 2-Methylphenol	8.61	107	106146	45.380	ng	99
18) Hexachloroethane	9.27	117	43771	40.921	ng	94
19) n-Nitroso-di-n-propylamine	8.99	70	93001	37.789	ng	99
20) 3+4-Methylphenols	8.93	107	146092	45.356	ng	98
22) Acetophenone	9.01	105	176197	37.771	ng	# 98
24) Nitrobenzene	9.40	77	133699	44.519	ng	96
25) Isophorone	9.92	82	267025	43.347	ng	100
26) 2-Nitrophenol	10.11	139	52585	45.581	ng	# 93
27) 2,4-Dimethylphenol	10.15	122	126628	50.815	ng	98
28) bis(2-Chloroethoxy)methane	10.40	93	160457	42.288	ng	96
29) 2,4-Dichlorophenol	10.64	162	124074	45.556	ng	95
30) 1,2,4-Trichlorobenzene	10.86	180	129588	42.381	ng	97
31) Naphthalene	11.06	128	371259	43.093	ng	99
32) Benzoic acid	10.27	122	75756	46.721	ng	91
33) 4-Chloroaniline	11.16	127	82172	20.570	ng	99
34) Hexachlorobutadiene	11.32	225	79759	39.223	ng	96
35) Caprolactam	11.95	113	25015	22.196	ng	95
36) 4-Chloro-3-methylphenol	12.26	107	137092	43.524	ng	98
37) 2-Methylnaphthalene	12.65	142	282201	44.225	ng	96
38) 1-Methylnaphthalene	12.87	142	267459	43.482	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	144859	39.355	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039327.D
 Acq On : 30 Jan 2019 14:33
 Operator : JU/SJ
 Sample : PB116707BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 17:18:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

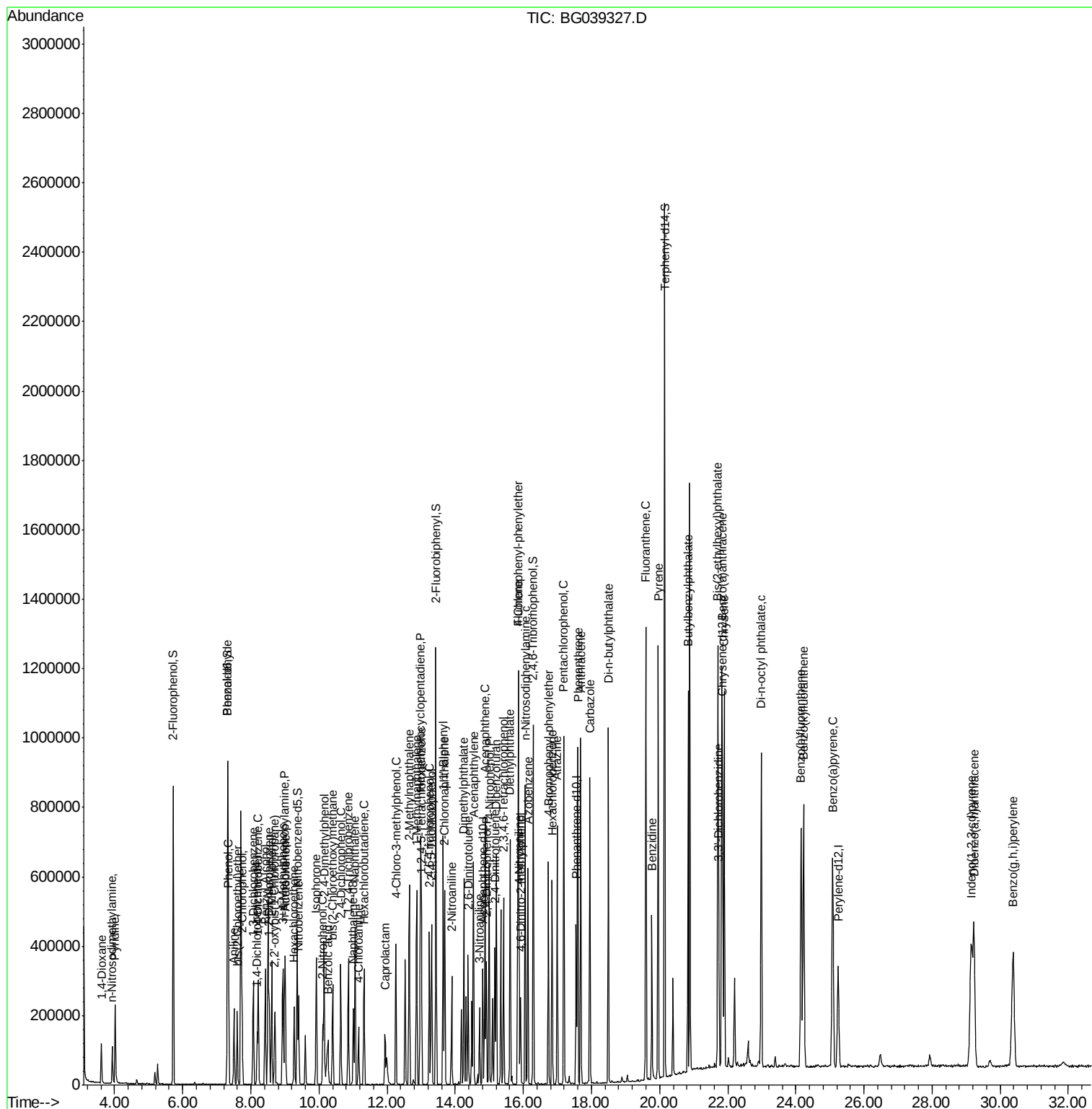
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	201334	100.378	ng	99
43) 2,4,6-Trichlorophenol	13.24	196	104368	46.116	ng	97
44) 2,4,5-Trichlorophenol	13.31	196	109250	46.058	ng	97
46) 1,1'-Biphenyl	13.64	154	372756	38.726	ng	99
47) 2-Chloronaphthalene	13.69	162	283289	39.122	ng	98
48) 2-Nitroaniline	13.90	65	90027	44.096	ng	97
49) Acenaphthylene	14.54	152	469619	42.981	ng	99
50) Dimethylphthalate	14.25	163	378974	40.561	ng	100
51) 2,6-Dinitrotoluene	14.38	165	75810	44.040	ng	99
52) Acenaphthene	14.87	154	292726	41.273	ng	99
53) 3-Nitroaniline	14.71	138	49451	28.870	ng	96
54) 2,4-Dinitrophenol	14.91	184	74358	90.466	ng	96
55) Dibenzofuran	15.21	168	458814	40.348	ng	99
56) 4-Nitrophenol	14.99	139	149611	87.940	ng	95
57) 2,4-Dinitrotoluene	15.17	165	107118	47.906	ng	# 90
58) Fluorene	15.85	166	363522	42.883	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.42	232	106316	47.870	ng	99
60) Diethylphthalate	15.61	149	389327	40.301	ng	98
61) 4-Chlorophenyl-phenylether	15.84	204	188104	39.189	ng	98
62) 4-Nitroaniline	15.88	138	86547	44.508	ng	94
63) Azobenzene	16.13	77	363808	38.530	ng	98
65) 4,6-Dinitro-2-methylphenol	15.92	198	53734	47.413	ng	95
66) n-Nitrosodiphenylamine	16.05	169	341239	38.815	ng	98
67) 4-Bromophenyl-phenylether	16.73	248	121738	37.954	ng	97
68) Hexachlorobenzene	16.85	284	125550	39.013	ng	94
69) Atrazine	16.99	200	138280	43.041	ng	97
70) Pentachlorophenol	17.19	266	175927	78.656	ng	99
71) Phenanthrene	17.60	178	625254	41.783	ng	99
72) Anthracene	17.69	178	637142	43.226	ng	99
73) Carbazole	17.96	167	575270	39.107	ng	98
74) Di-n-butylphthalate	18.50	149	709794	41.360	ng	100
75) Fluoranthene	19.59	202	776865	44.727	ng	99
77) Benzidine	19.77	184	271101	28.011	ng	99
78) Pyrene	19.96	202	779991	42.443	ng	99
80) Butylbenzylphthalate	20.83	149	332711	42.918	ng	96
81) Benzo(a)anthracene	21.83	228	752073	43.115	ng	100
82) 3,3'-Dichlorobenzidine	21.74	252	151809	23.471	ng	97
83) Chrysene	21.90	228	708694	42.679	ng	99
84) Bis(2-ethylhexyl)phthalate	21.71	149	459431	41.541	ng	100
85) Di-n-octyl phthalate	22.98	149	796755	43.606	ng	98
86) Indeno(1,2,3-cd)pyrene	29.15	276	829181	46.542	ng	99
88) Benzo(b)fluoranthene	24.16	252	746701	44.466	ng	98
89) Benzo(k)fluoranthene	24.23	252	711240	42.186	ng	99
90) Benzo(a)pyrene	25.09	252	721046	44.584	ng	98
91) Dibenzo(a,h)anthracene	29.22	278	669356	44.195	ng	99
92) Benzo(g,h,i)perylene	30.39	276	682397	45.204	ng	98

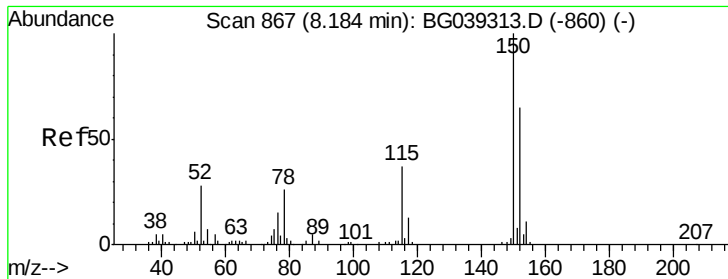
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\  
Data File : BG039327.D  
Acq On    : 30 Jan 2019   14:33  
Operator  : JU/SJ  
Sample    : PB116707BS  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 30 17:18:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



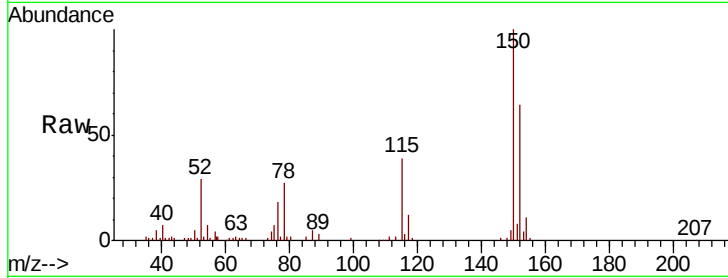


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.7	185.5
115	61.8	45.9	68.9

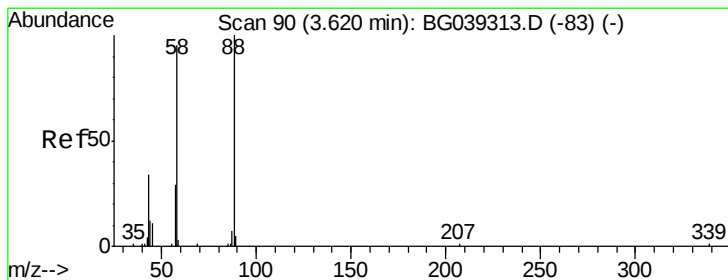
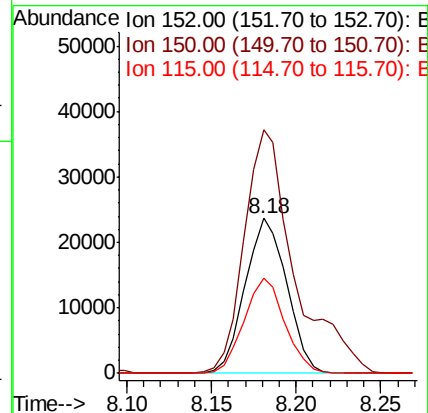
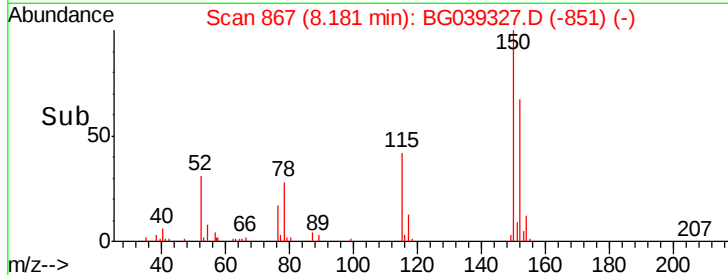


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

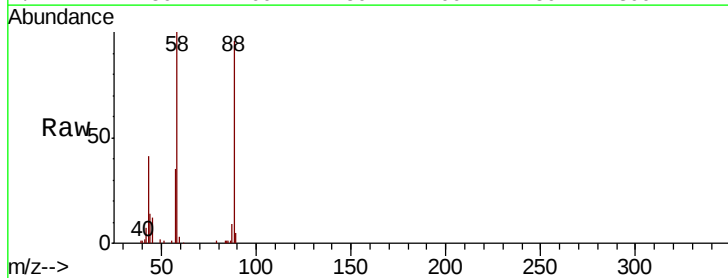
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 48.832 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.1	81.1	121.7
43	38.8	31.4	47.0

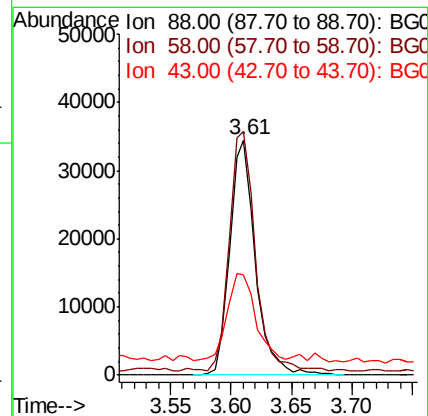
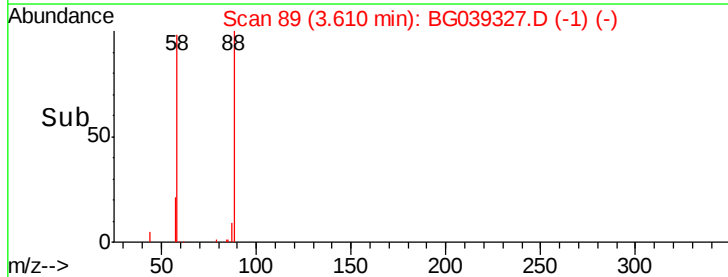


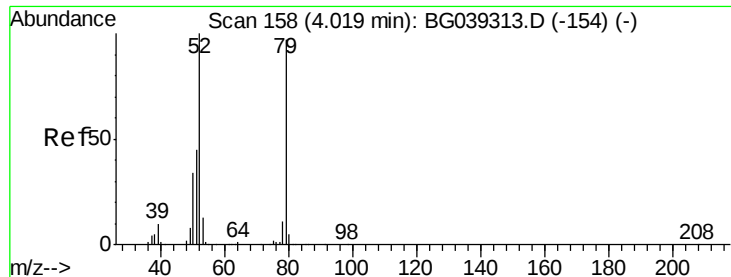
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.838 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

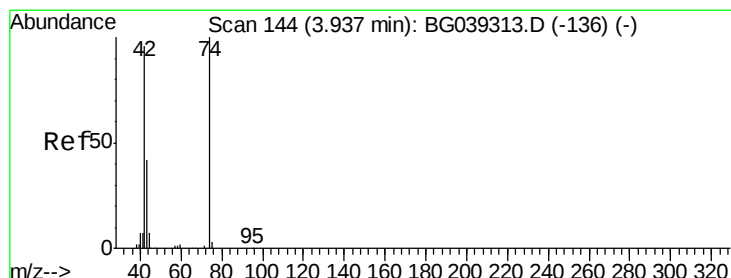
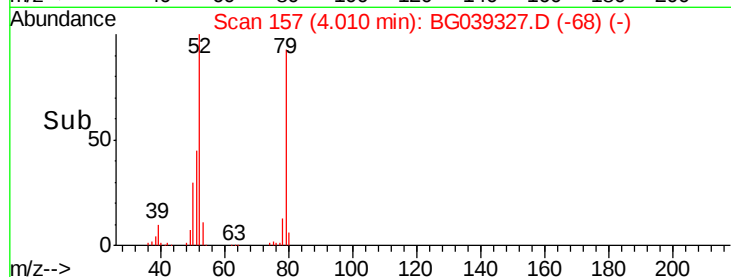
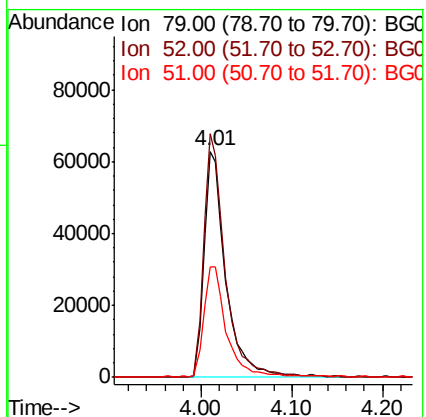
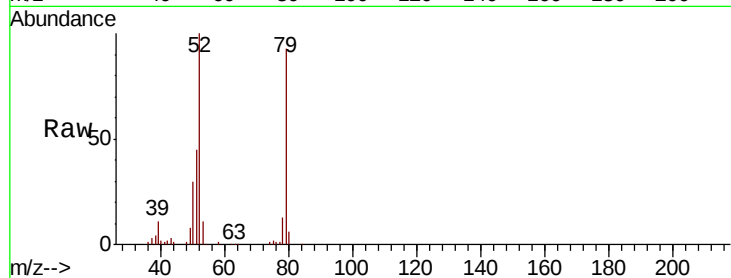
Tot Ion: 79 Resp: 105955

Ion Ratio Lower Upper

79 100

52 107.7 82.6 124.0

51 48.7 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 43.399 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

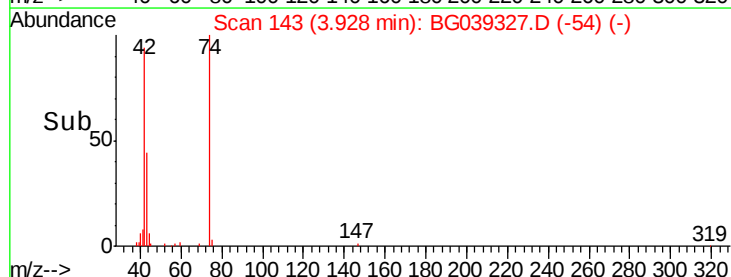
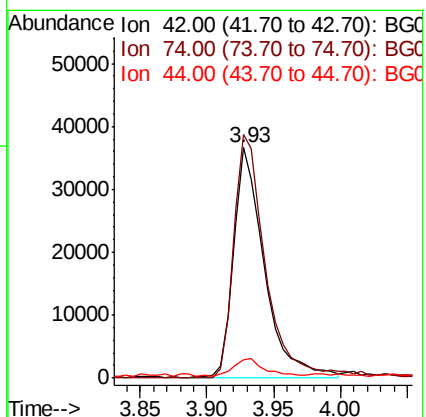
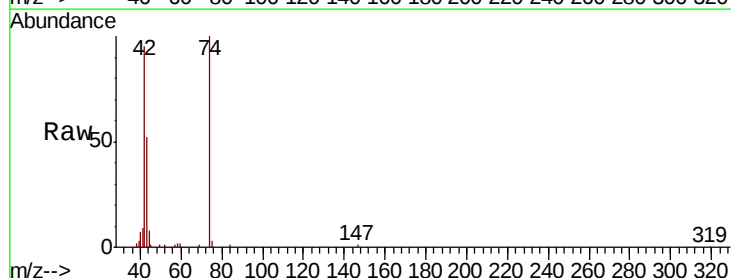
Tgt Ion: 42 Resp: 59213

Ion Ratio Lower Upper

42 100

74 105.5 83.6 125.4

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 145.456 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampled :

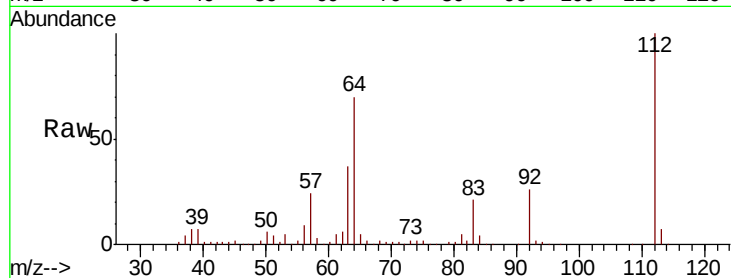
Tot Ion: 112 Resp: 342643

Ion Ratio Lower Upper

112 100

64 70.1 57.8 86.8

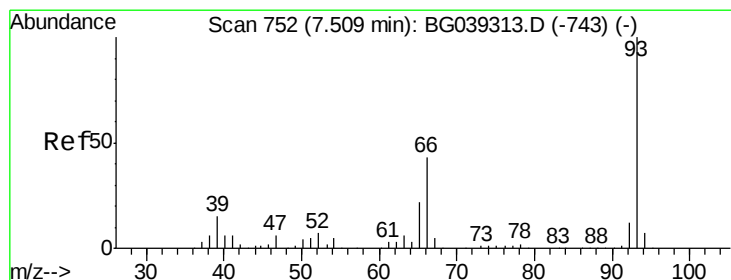
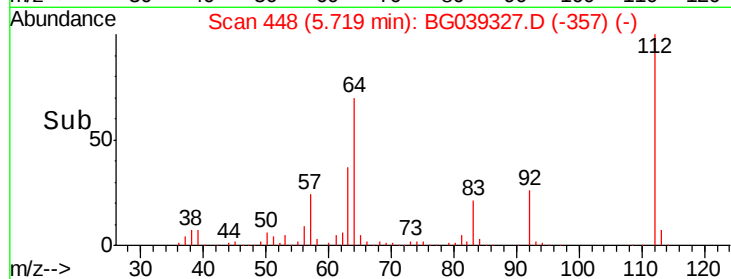
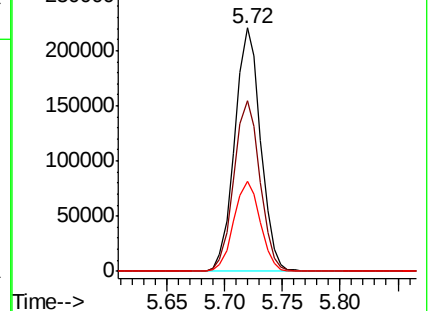
63 37.0 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.406 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

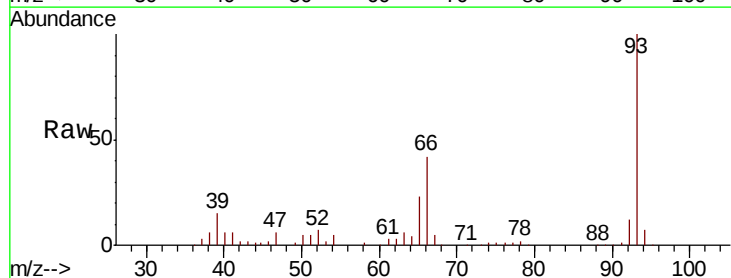
Tgt Ion: 93 Resp: 132060

Ion Ratio Lower Upper

93 100

66 42.3 34.2 51.4

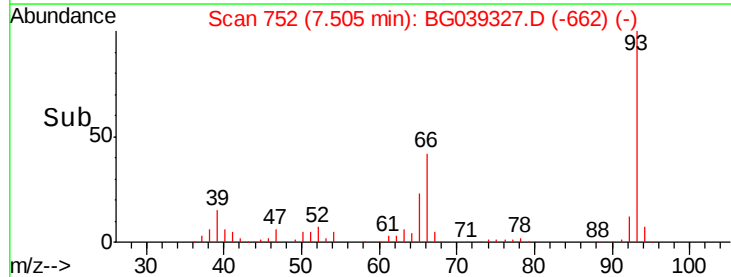
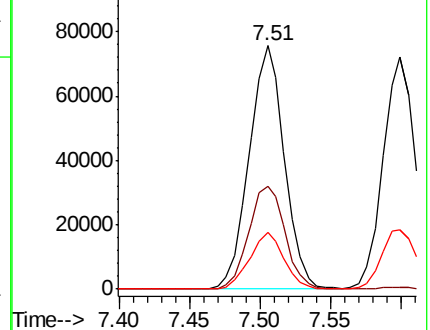
65 23.4 17.7 26.5

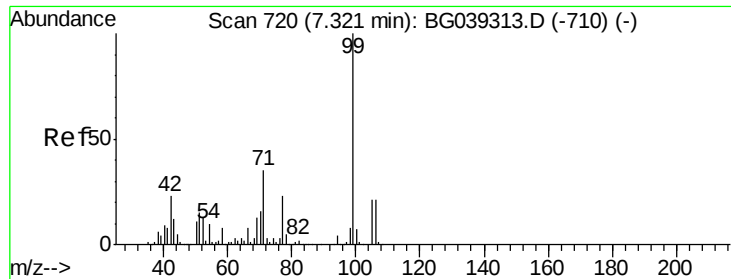


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.417 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampled :

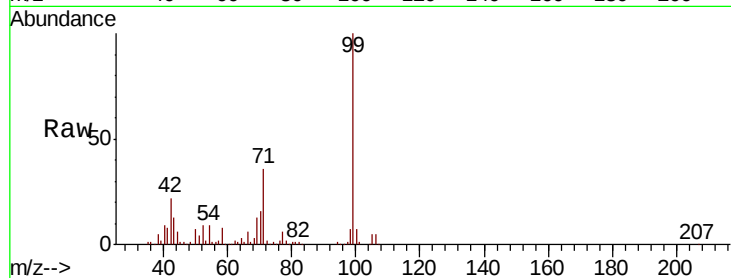
Tot Ion: 99 Resp: 490354

Ion Ratio Lower Upper

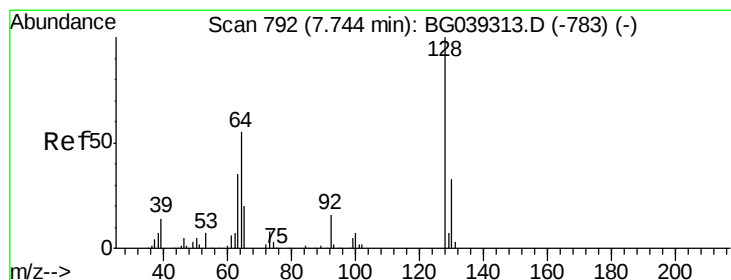
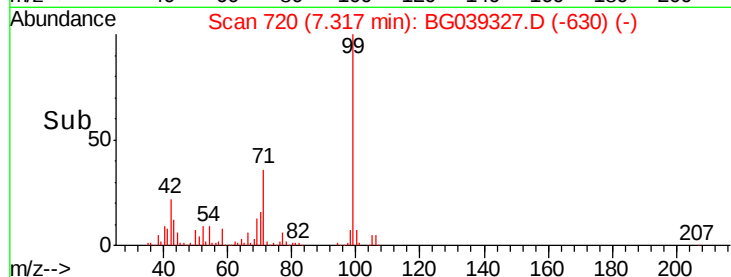
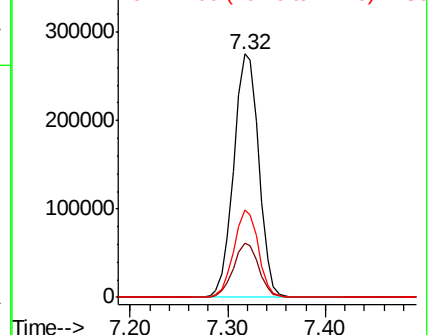
99 100

42 22.3 18.2 27.2

71 35.9 28.0 42.0



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



#8

2-Chlorophenol

Concen: 46.417 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

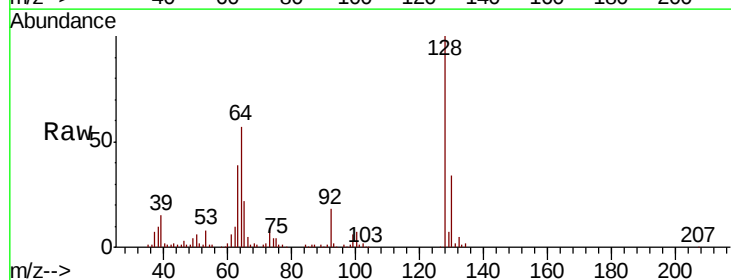
Tgt Ion: 128 Resp: 119522

Ion Ratio Lower Upper

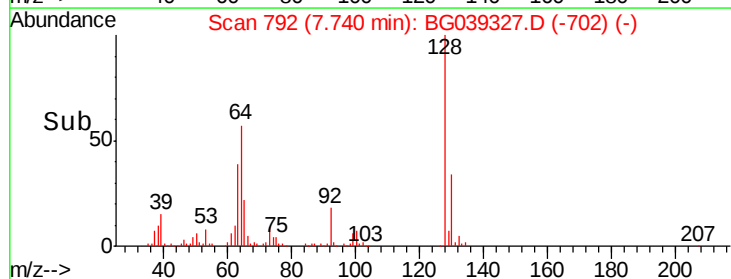
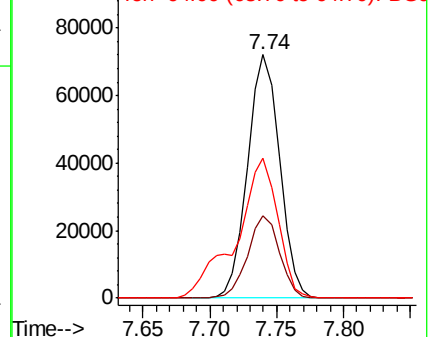
128 100

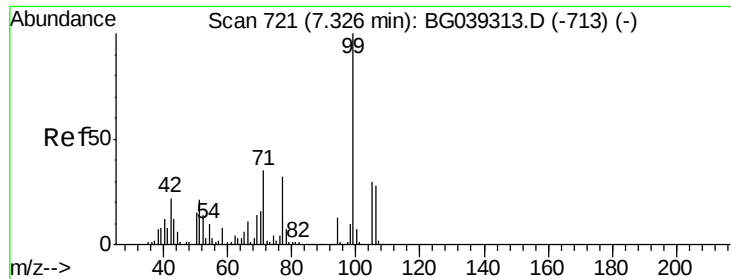
130 33.8 12.9 52.9

64 57.4 38.7 78.7



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





#9

Benzaldehyde

Concen: 13.512 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

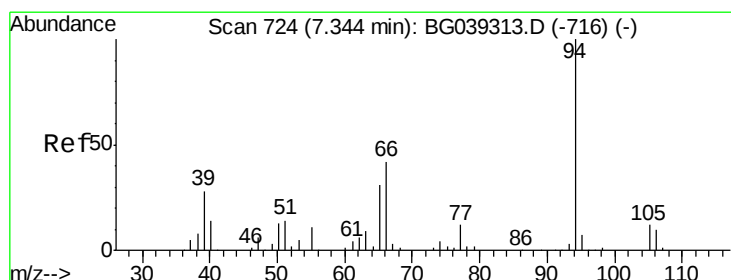
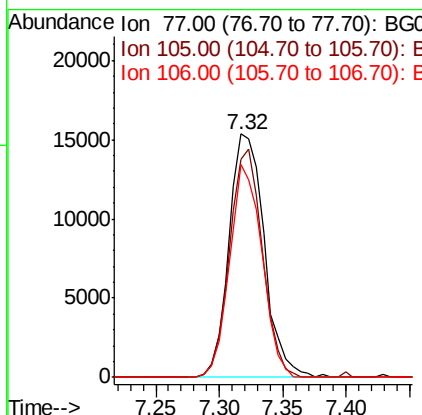
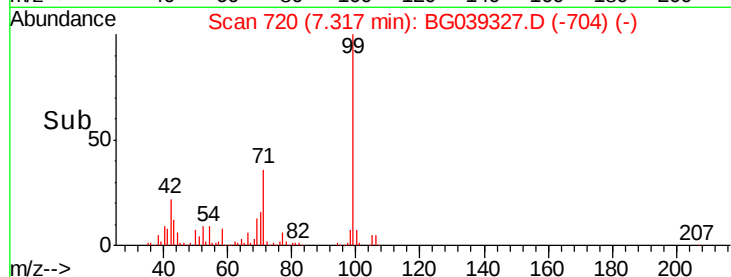
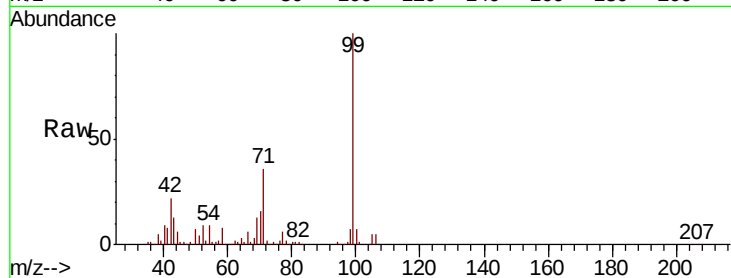
Tot Ion: 77 Resp: 29491

Ion Ratio Lower Upper

77 100

105 89.8 74.5 114.5

106 87.2 68.0 108.0



#10

Phenol

Concen: 45.946 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

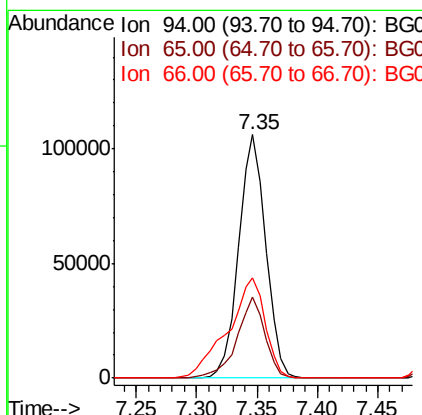
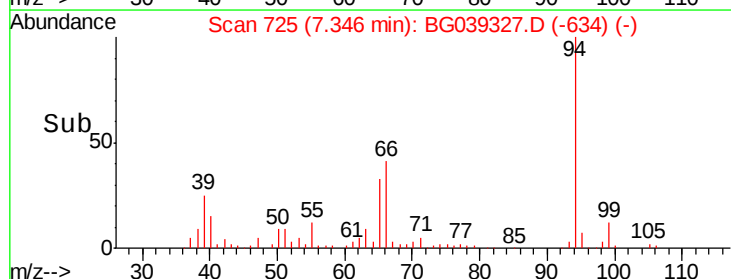
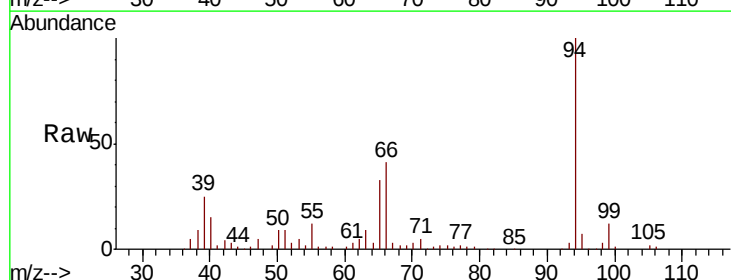
Tgt Ion: 94 Resp: 166074

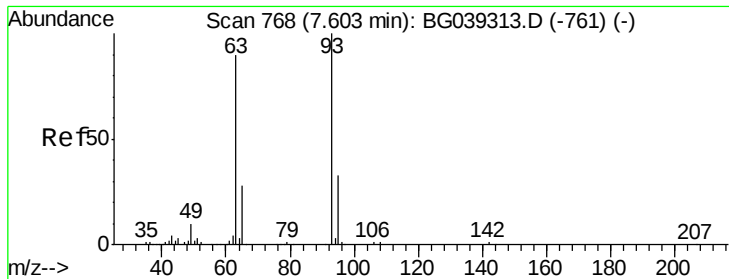
Ion Ratio Lower Upper

94 100

65 33.1 11.7 51.7

66 41.1 23.7 63.7

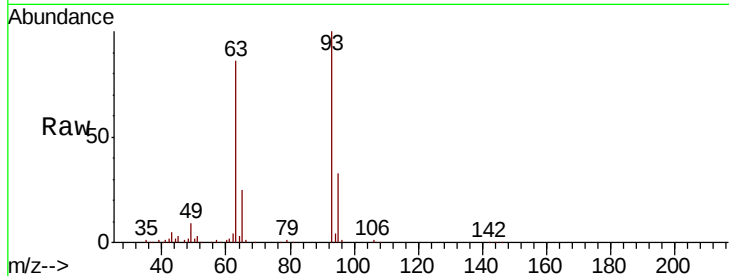




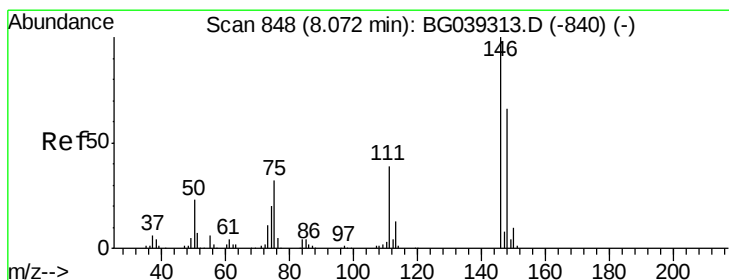
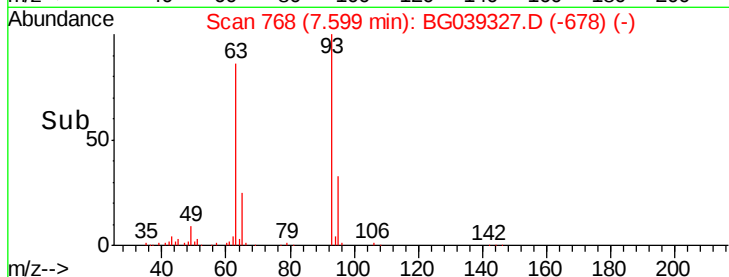
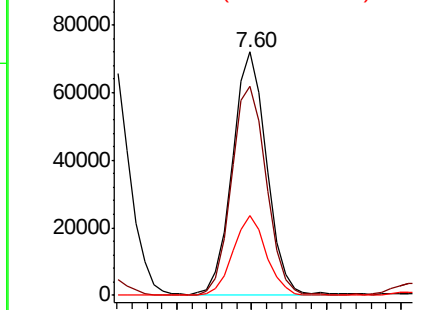
#11
bis(2-Chloroethyl)ether
Concen: 40.099 ng
RT: 7.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 114530
Ion Ratio Lower Upper
93 100
63 85.8 69.5 109.5
95 32.7 12.7 52.7

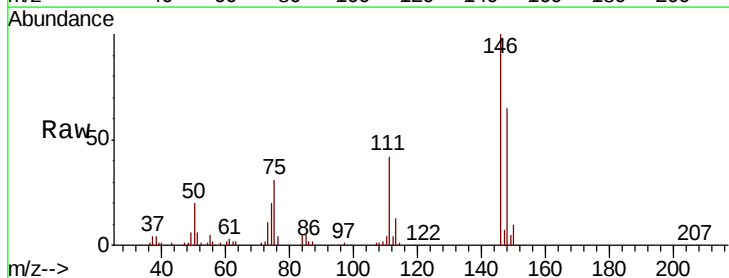


Abundance Ion 93.00 (92.70 to 93.70): BG039313.D (-761) (-)
Ion 63.00 (62.70 to 63.70): BG039313.D (-761) (-)
Ion 95.00 (94.70 to 95.70): BG039313.D (-761) (-)

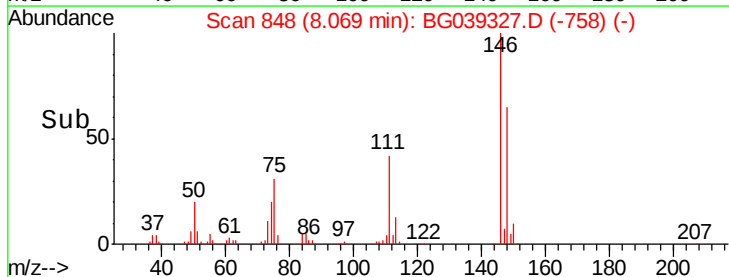
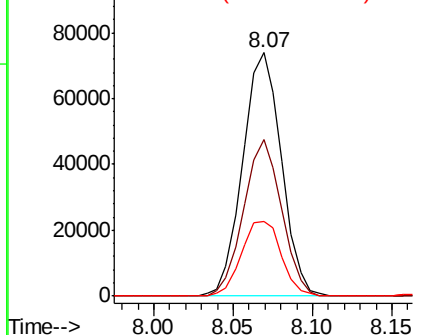


#12
1,3-Dichlorobenzene
Concen: 40.252 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Tgt Ion: 146 Resp: 125559
Ion Ratio Lower Upper
146 100
148 64.5 52.6 79.0
75 30.6 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): BG039313.D (-840) (-)
Ion 148.00 (147.70 to 148.70): BG039313.D (-840) (-)
Ion 75.00 (74.70 to 75.70): BG039313.D (-840) (-)





#13

1,4-Dichlorobenzene

Concen: 40.884 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampled :

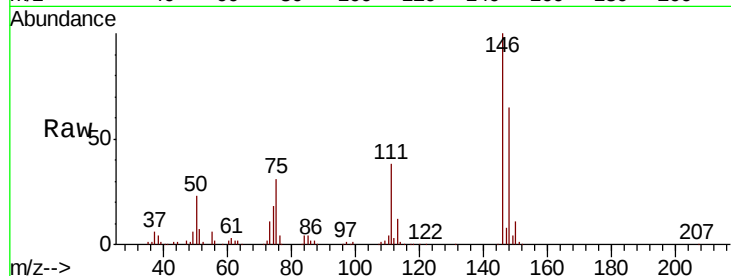
Tot Ion:146 Resp: 127114

Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

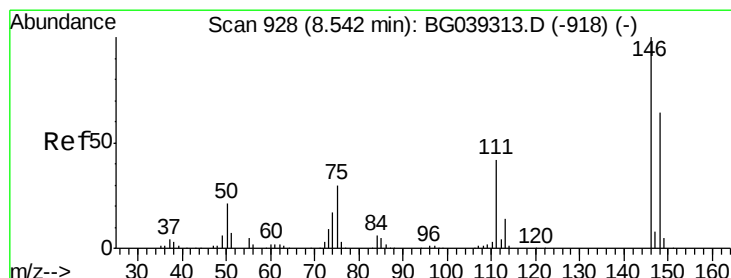
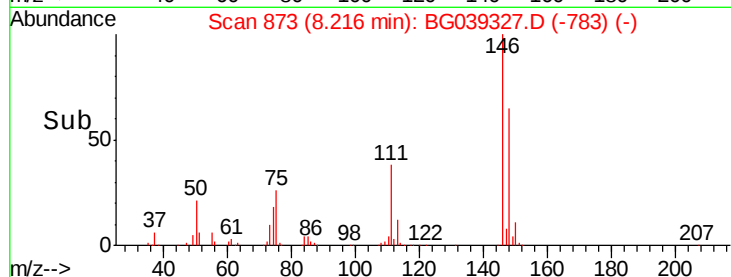
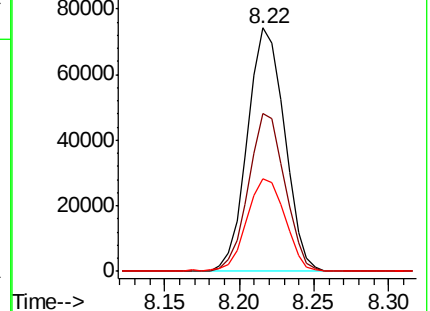
111 38.2 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.791 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

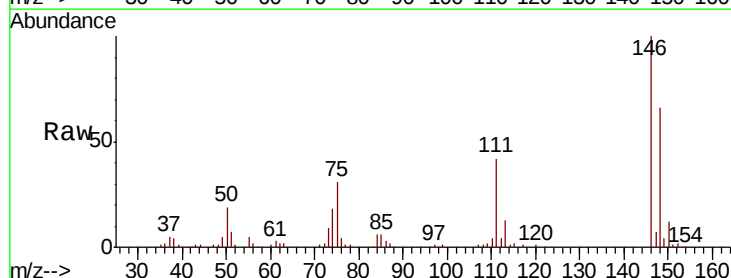
Tgt Ion:146 Resp: 119764

Ion Ratio Lower Upper

146 100

148 66.0 51.5 77.3

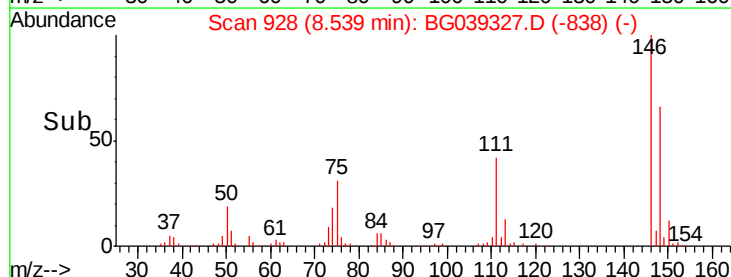
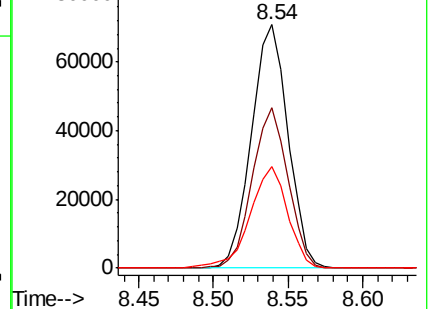
111 41.5 33.8 50.6

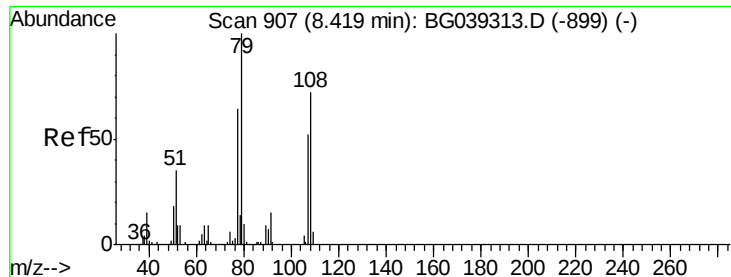


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.575 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

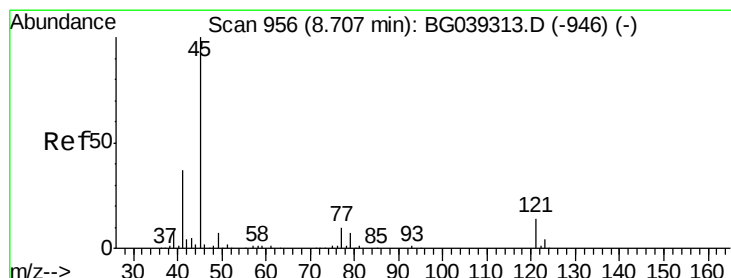
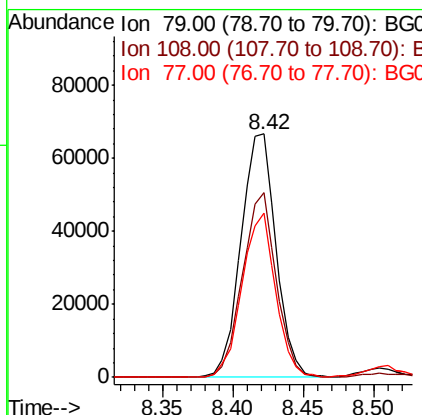
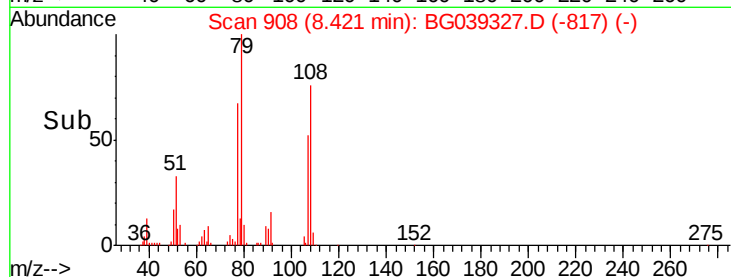
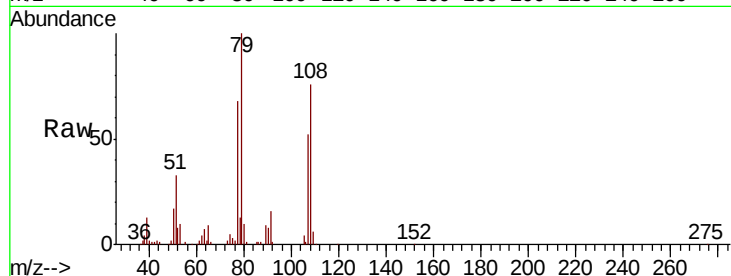
Tot Ion: 79 Resp: 115900

Ion Ratio Lower Upper

79 100

108 76.0 57.8 86.6

77 67.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.522 ng

RT: 8.70 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

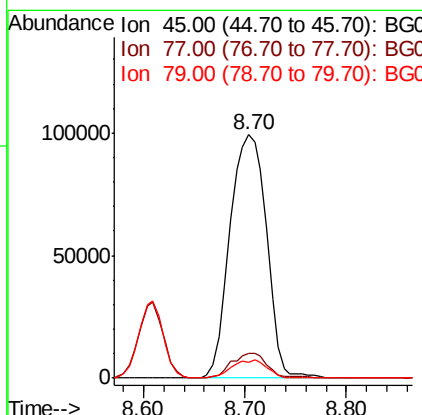
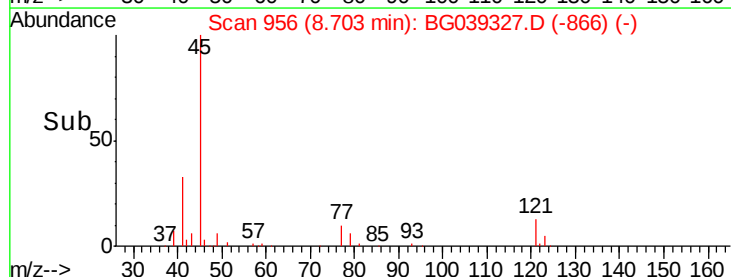
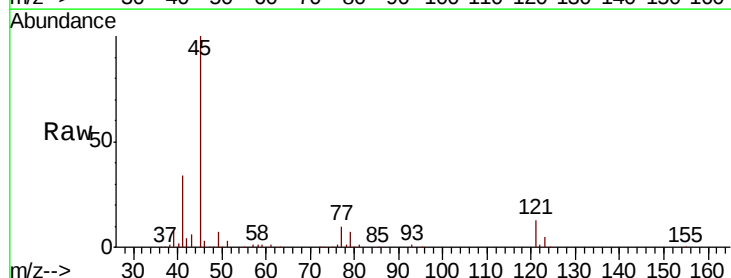
Tgt Ion: 45 Resp: 248463

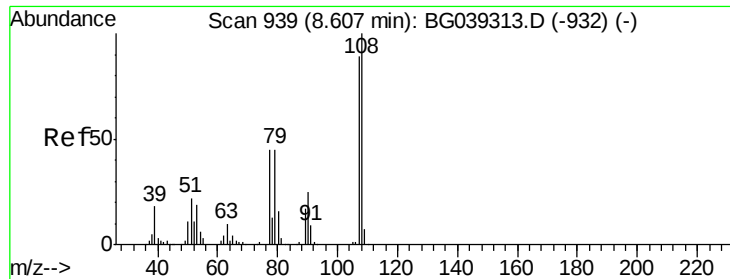
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.0

79 6.7 0.0 27.5

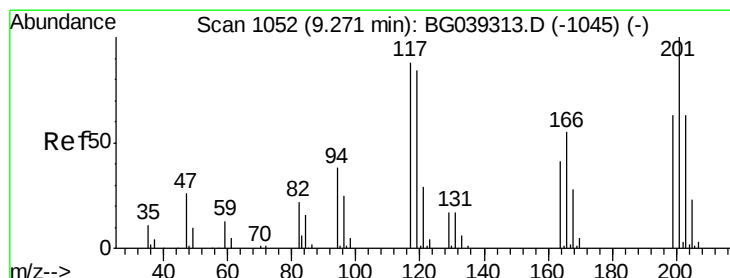
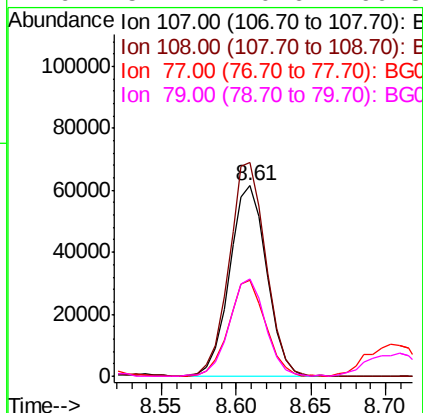
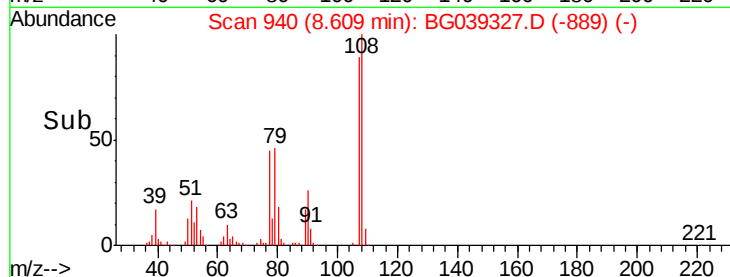
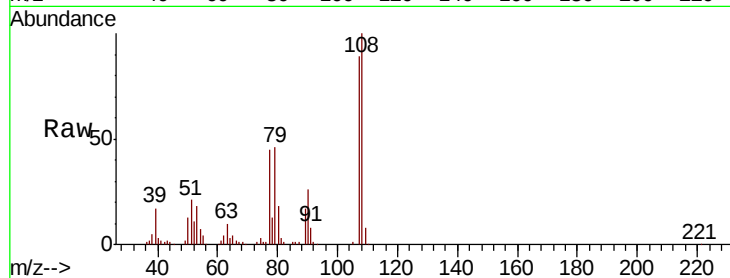




#17
2-Methylphenol
Concen: 45.380 ng
RT: 8.61 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

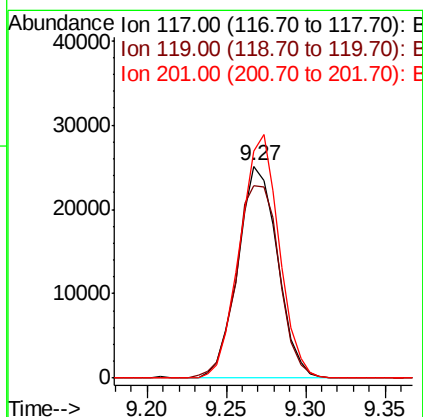
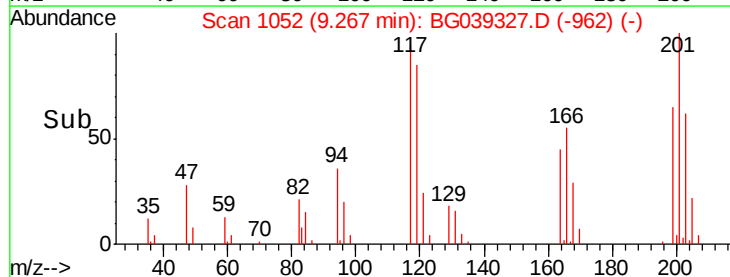
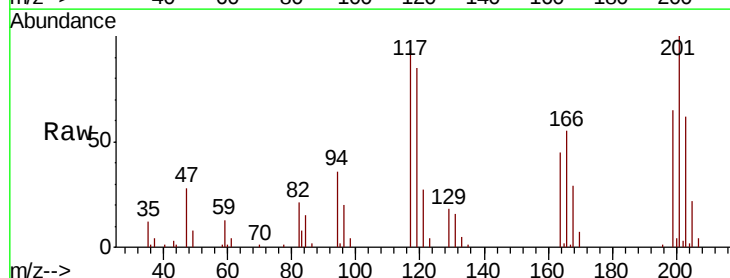
Instrument :
BNA_G
ClientSampleId :

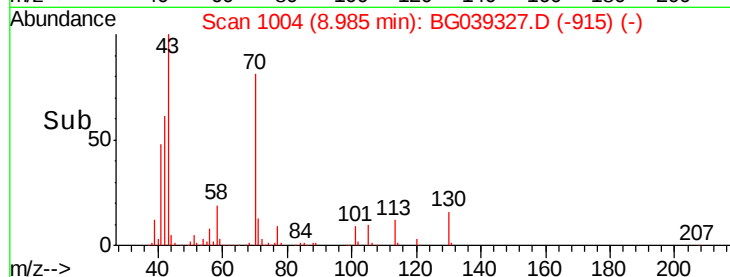
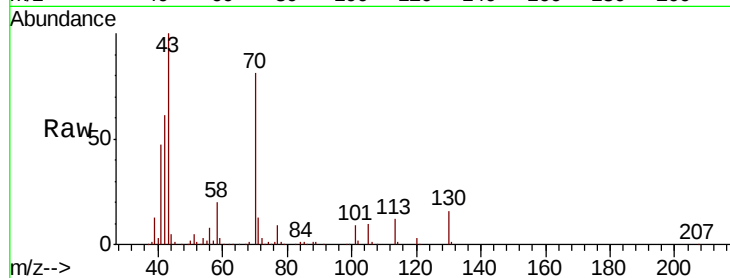
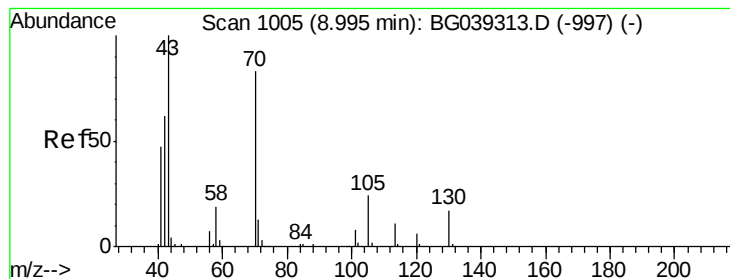
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.8	136.2
77	50.8	40.7	61.1
79	51.2	40.6	60.8



#18
Hexachloroethane
Concen: 40.921 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.7	76.3	114.5
201	106.9	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.789 ng

RT: 8.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 93001

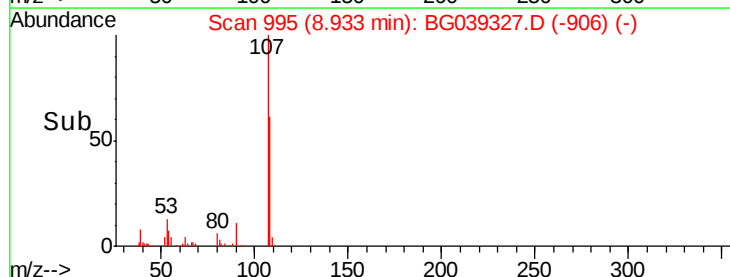
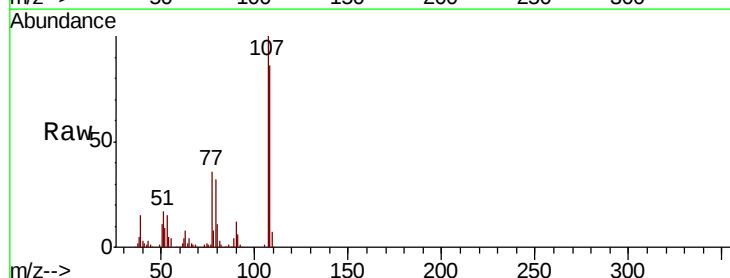
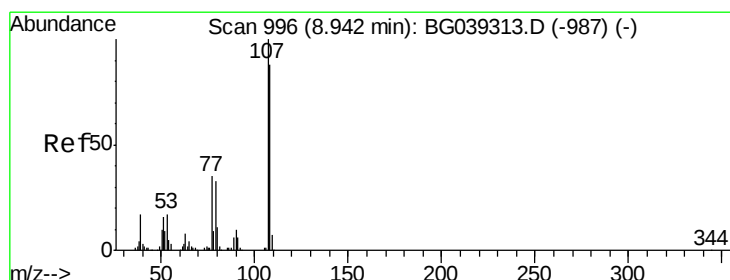
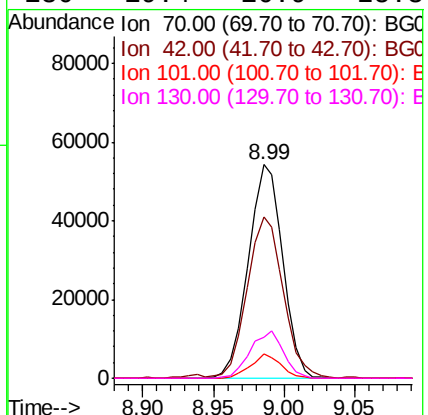
Ion Ratio Lower Upper

70 100

42 75.4 60.4 90.6

101 11.3 7.5 11.3

130 19.4 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.356 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Tgt Ion: 107 Resp: 146092

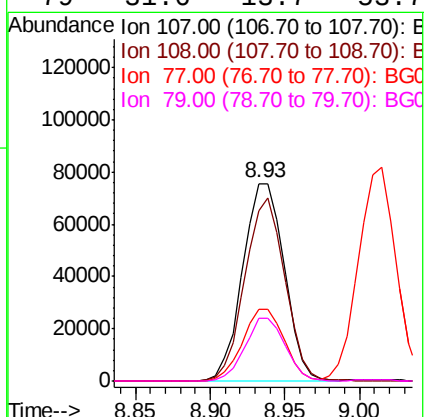
Ion Ratio Lower Upper

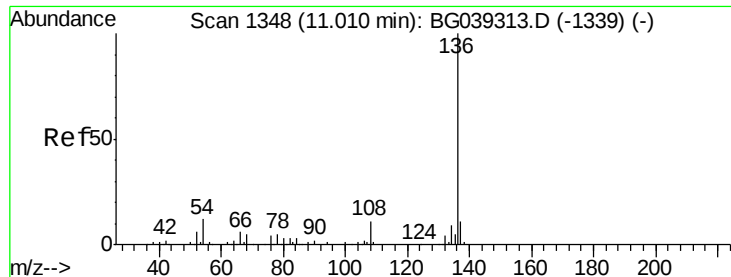
107 100

108 86.3 67.9 107.9

77 36.0 15.4 55.4

79 31.6 13.7 53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.01 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 173664

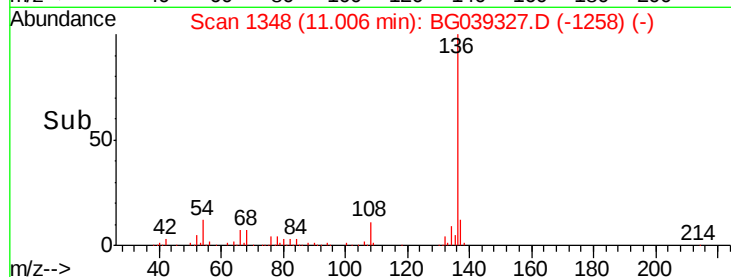
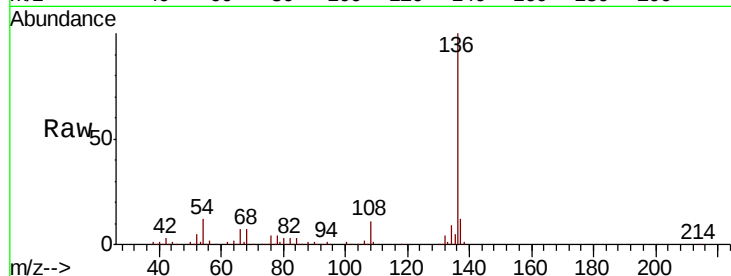
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 11.7 9.4 14.2

68 6.6 4.2 6.4#



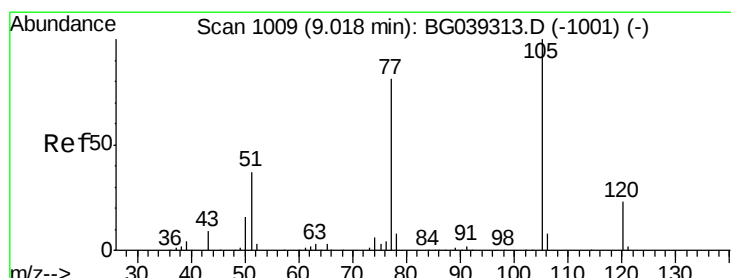
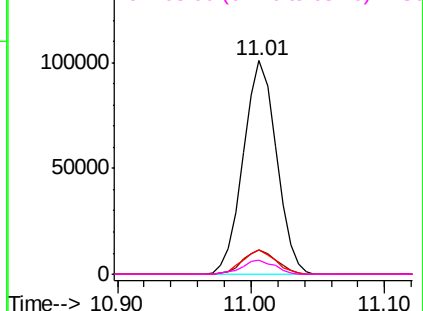
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.771 ng

RT: 9.01 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Tgt Ion:105 Resp: 176197

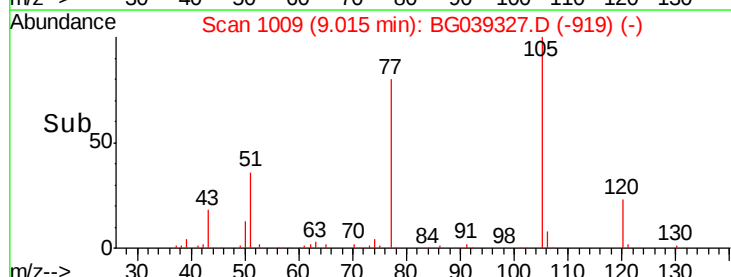
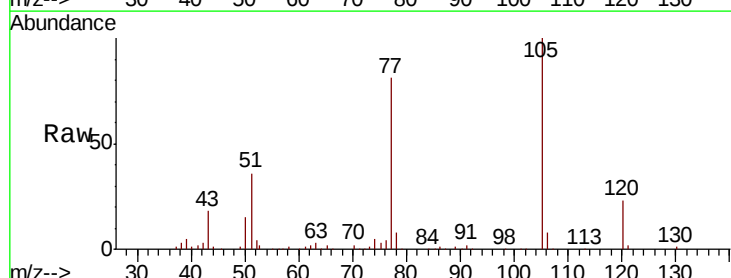
Ion Ratio Lower Upper

105 100

71 0.4 0.8 1.2#

51 36.4 30.2 45.2

120 23.2 18.0 27.0



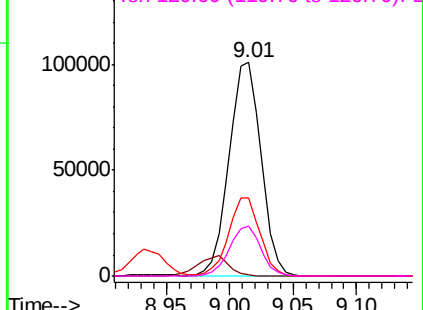
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

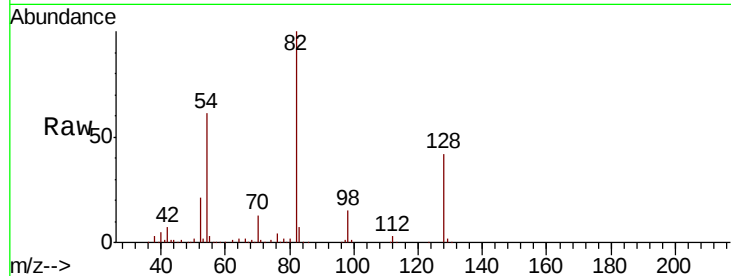




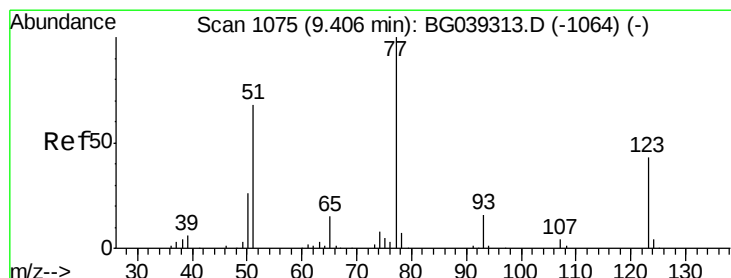
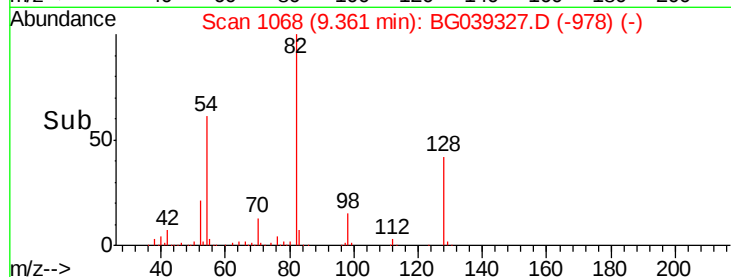
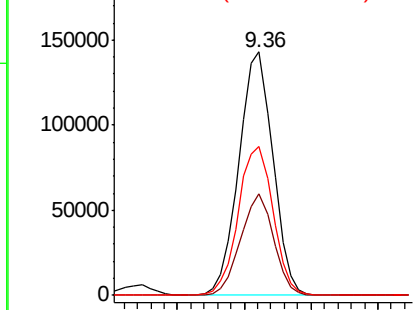
#23
Nitrobenzene-d5
Concen: 90.817 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	252461
Ion Ratio	100	Lower	Upper
128	41.8	31.3	46.9
54	61.1	50.9	76.3

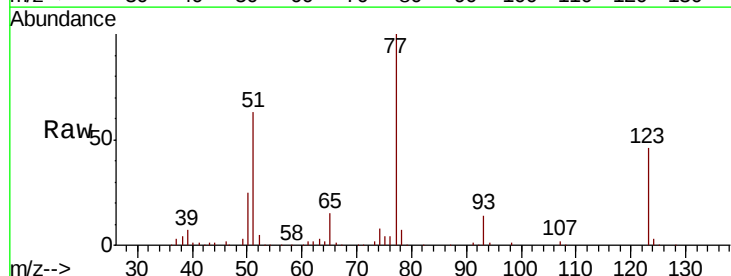


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

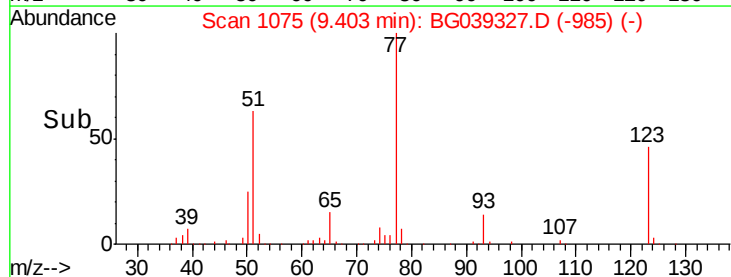
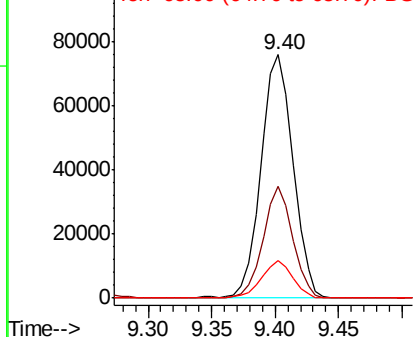


#24
Nitrobenzene
Concen: 44.519 ng
RT: 9.40 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Tgt Ion	77	Resp	133699
Ion Ratio	100	Lower	Upper
123	45.9	34.1	51.1
65	15.2	12.3	18.5



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





#25

Isophorone

Concen: 43.347 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

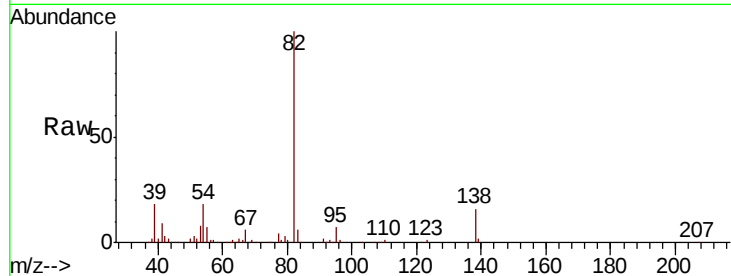
Tot Ion: 82 Resp: 267025

Ion Ratio Lower Upper

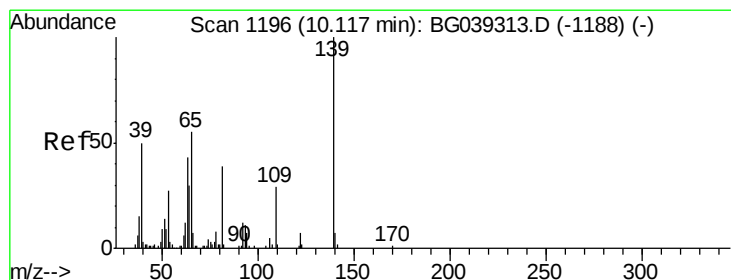
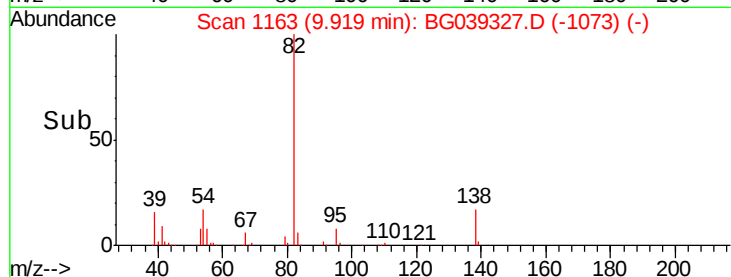
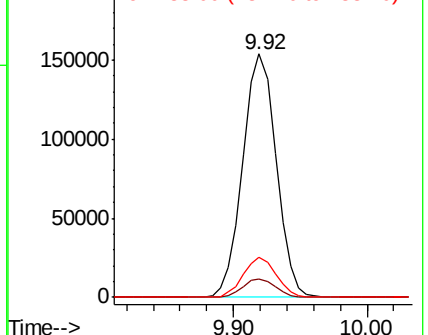
82 100

95 7.4 6.2 9.2

138 16.3 13.0 19.4



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



#26

2-Nitrophenol

Concen: 45.581 ng

RT: 10.11 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

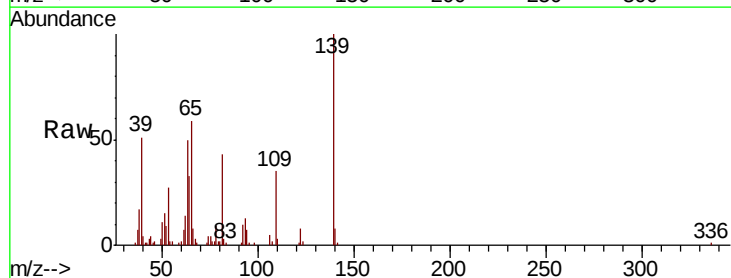
Tgt Ion: 139 Resp: 52585

Ion Ratio Lower Upper

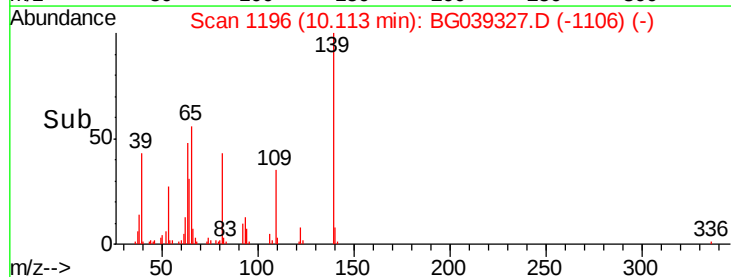
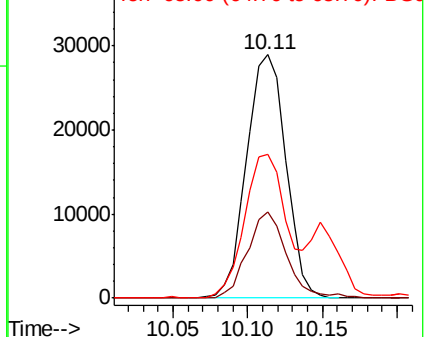
139 100

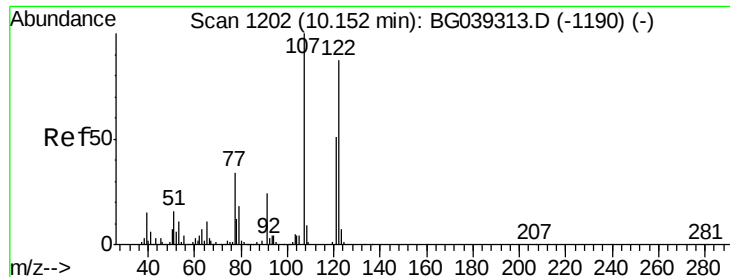
109 35.3 23.4 35.0#

65 59.1 44.3 66.5



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





#27

2,4-Dimethylphenol

Concen: 50.815 ng

RT: 10.15 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampled :

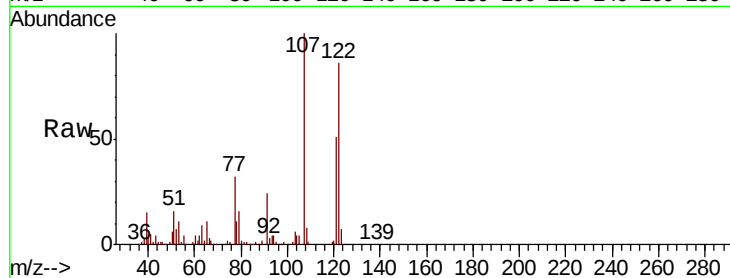
Tot Ion:122 Resp: 126628

Ion Ratio Lower Upper

122 100

107 116.6 91.7 137.5

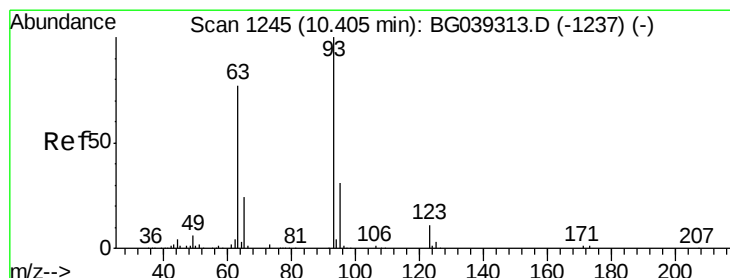
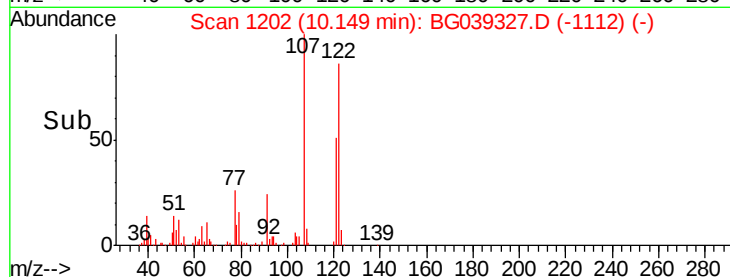
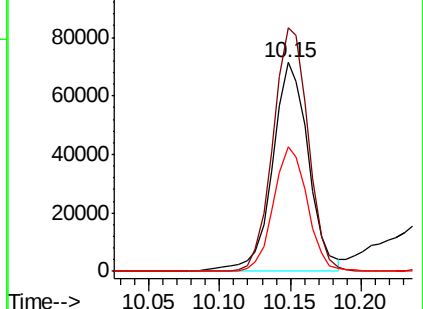
121 59.4 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.288 ng

RT: 10.40 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

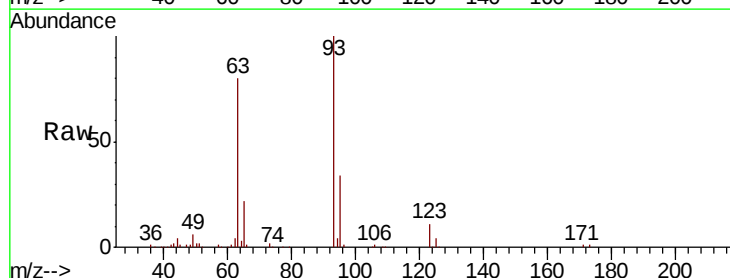
Tgt Ion: 93 Resp: 160457

Ion Ratio Lower Upper

93 100

95 33.9 25.0 37.4

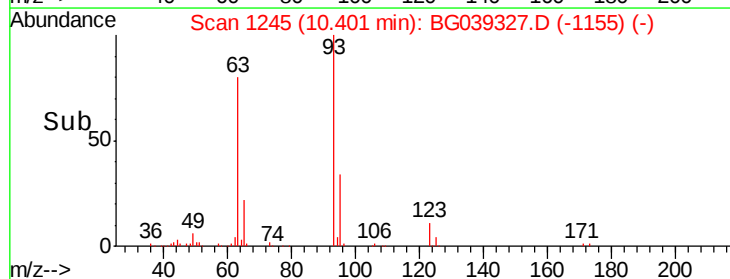
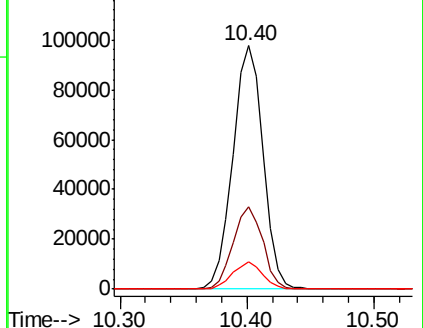
123 11.4 8.6 12.8

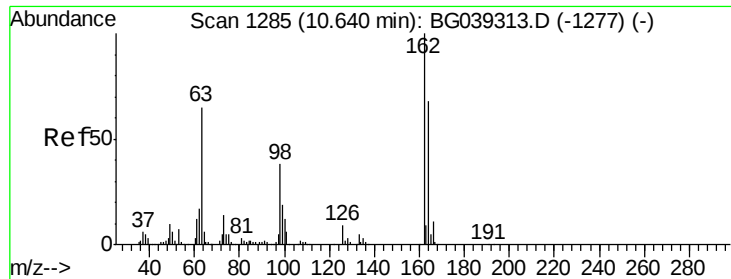


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

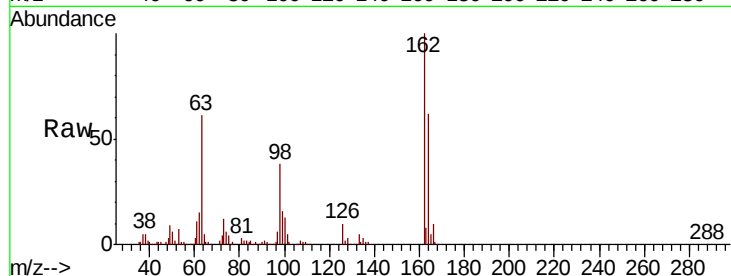




#29
 2,4-Dichlorophenol
 Concen: 45.556 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	48.1	88.1
98	37.6	18.1	58.1

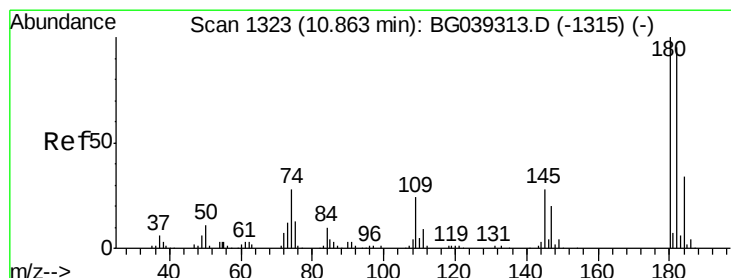
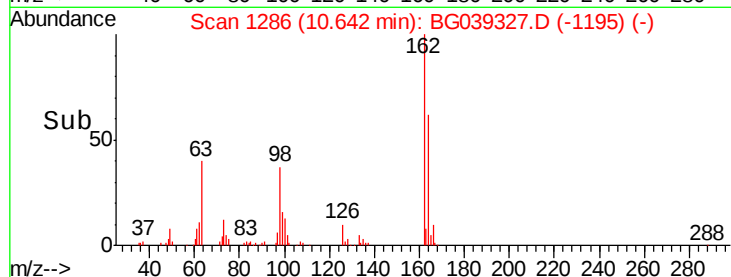
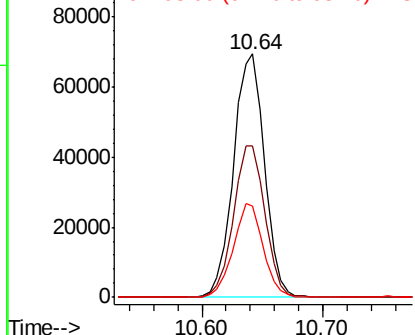


Abundance

Ion 162.00 (161.70 to 162.70): E

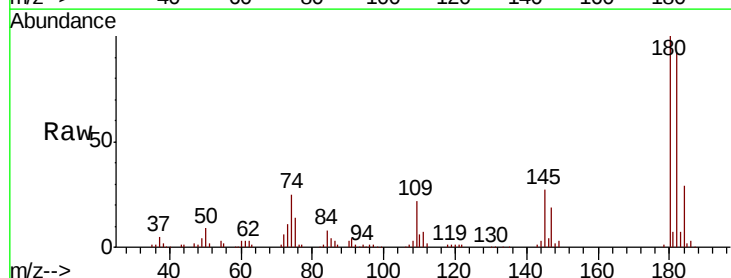
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 42.381 ng
 RT: 10.86 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.0	114.0
145	27.2	22.7	34.1

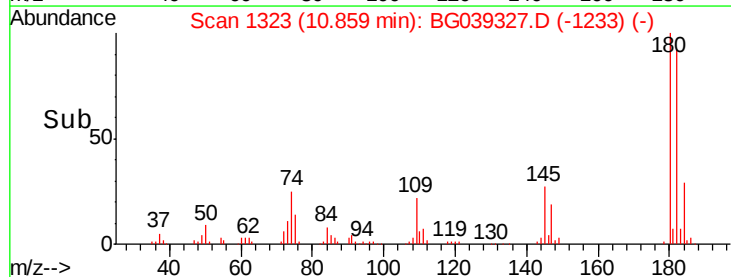
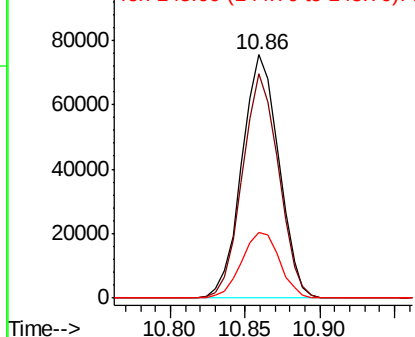


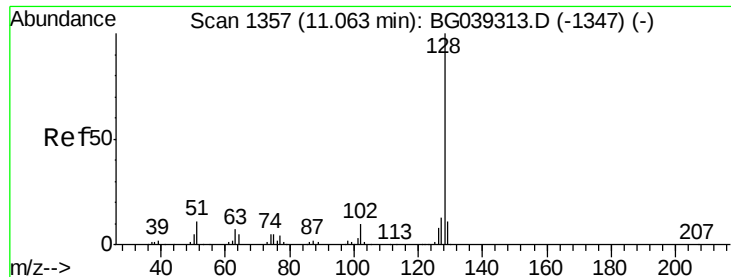
Abundance

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: 43.093 ng

RT: 11.06 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampled :

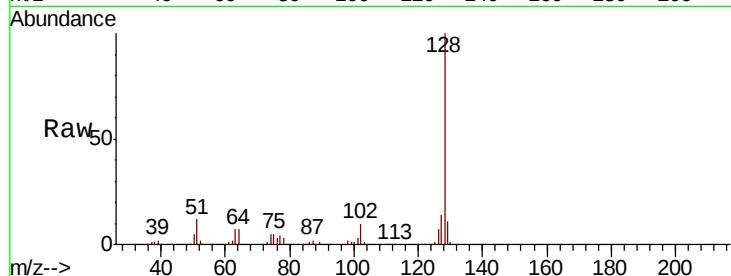
Tot Ion:128 Resp: 371259

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

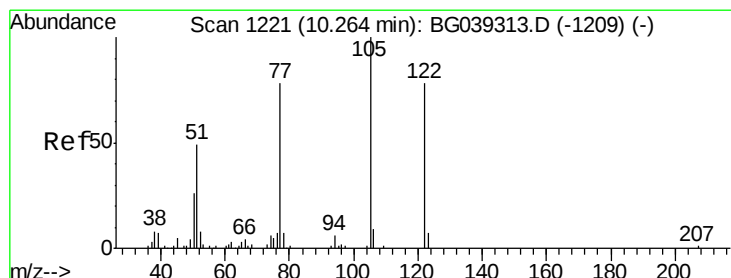
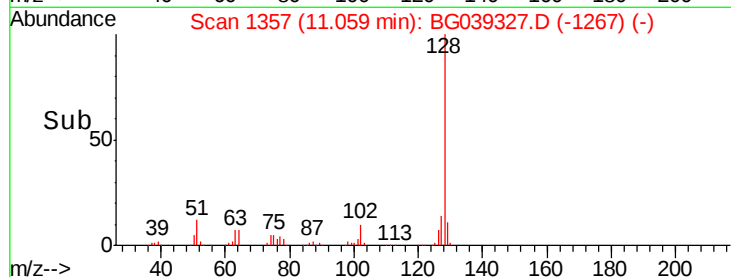
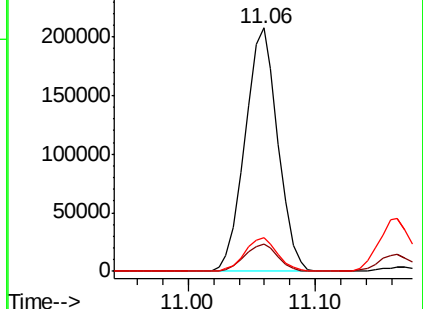
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.721 ng

RT: 10.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

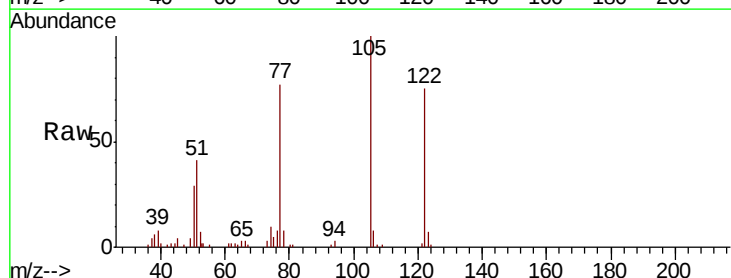
Tgt Ion:122 Resp: 75756

Ion Ratio Lower Upper

122 100

105 133.9 101.8 141.8

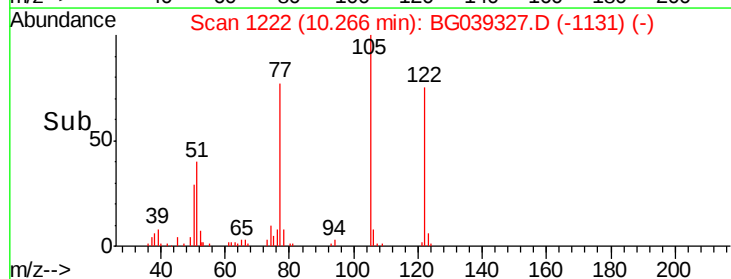
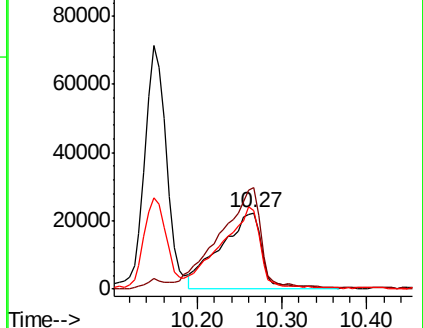
77 102.6 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

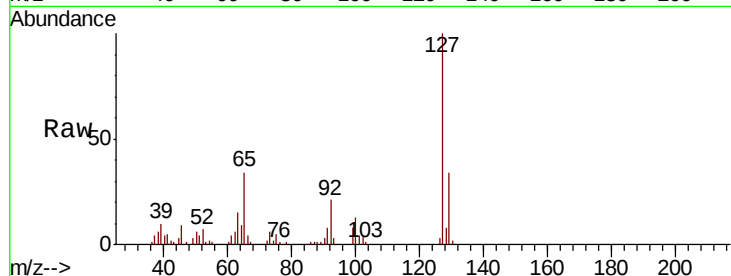




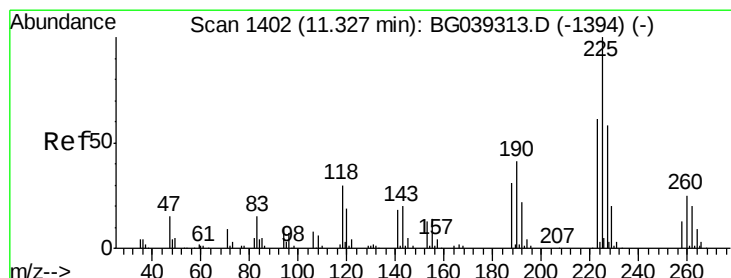
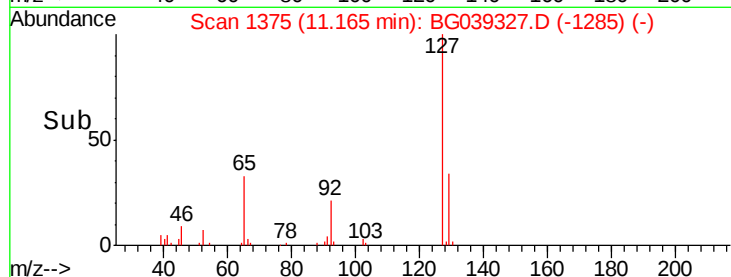
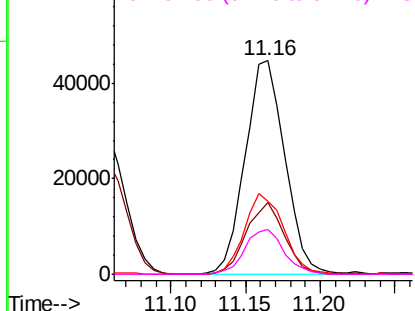
#33
4-Chloroaniline
Concen: 20.570 ng
RT: 11.16 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	82172
Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.0	40.4
65	34.3	28.8	43.2
92	20.9	16.6	25.0

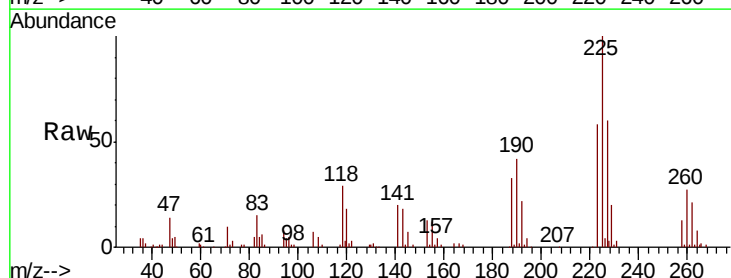


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

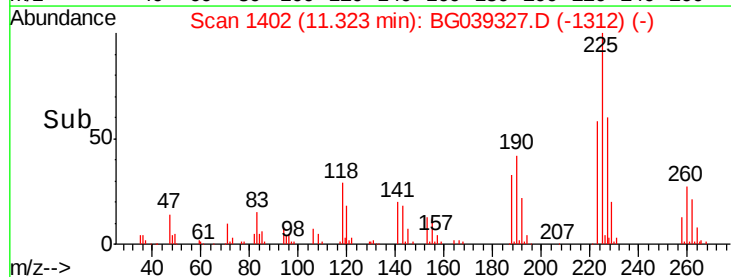
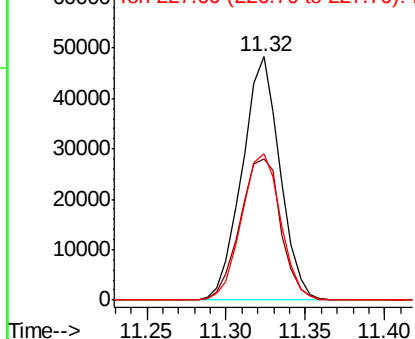


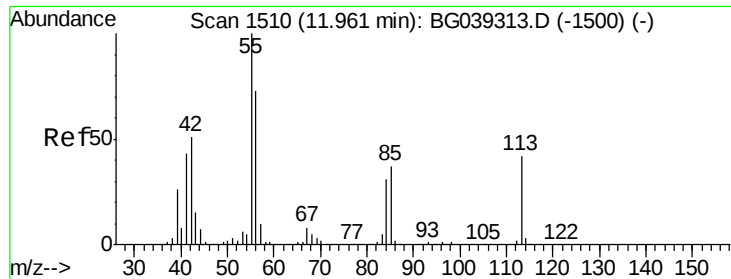
#34
Hexachlorobutadiene
Concen: 39.223 ng
RT: 11.32 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Tgt Ion:	225	Resp:	79759
Ion	Ratio	Lower	Upper
225	100		
223	57.9	49.0	73.6
227	60.0	46.3	69.5



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

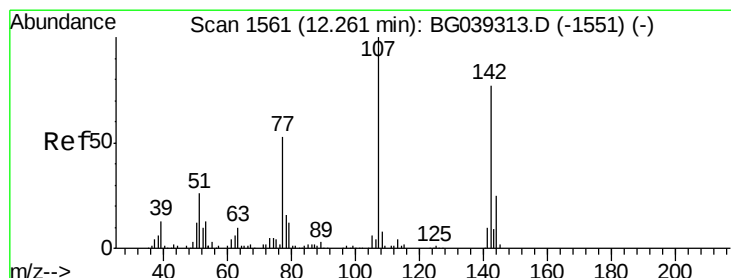
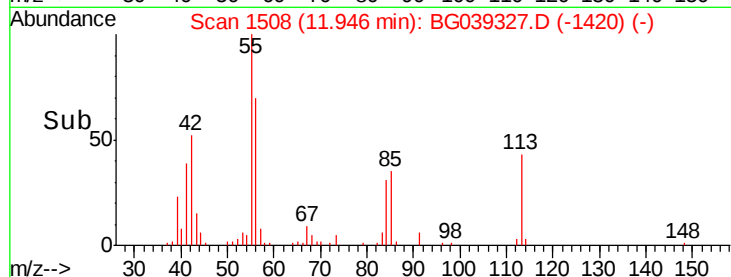
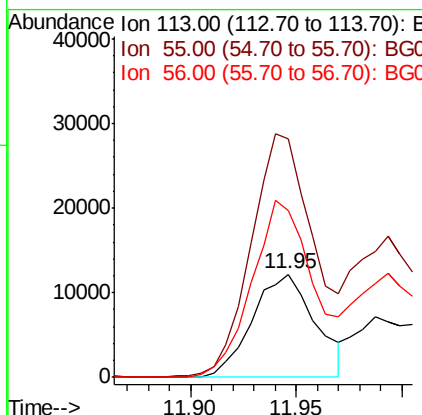
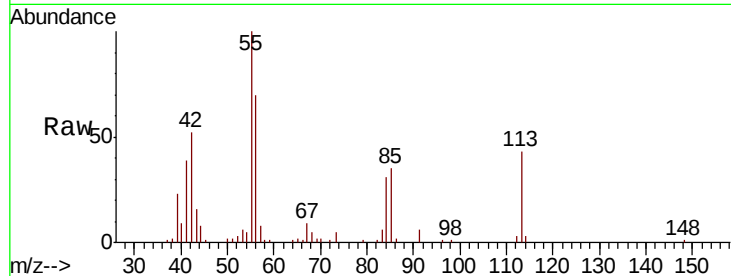




#35
 Caprolactam
 Concen: 22.196 ng
 RT: 11.95 min Scan# 1508
 Delta R.T. -0.02 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

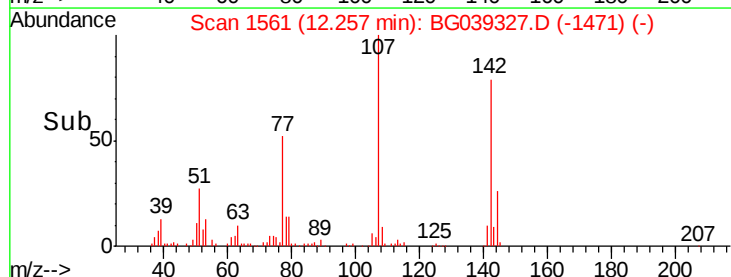
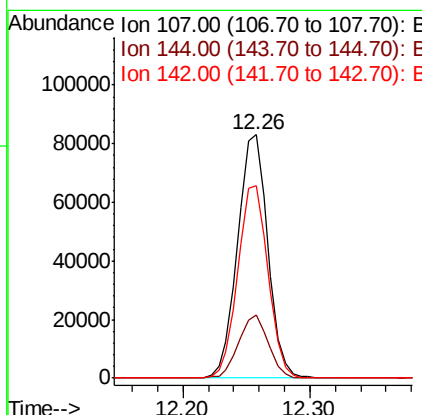
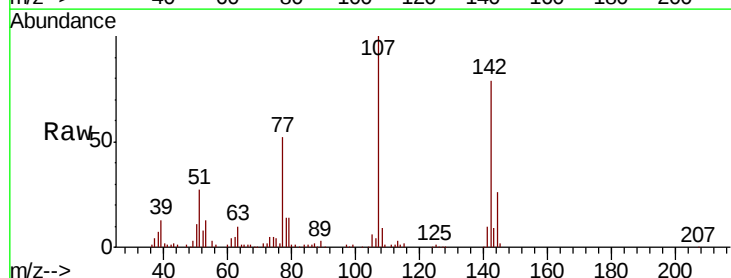
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 25015
 Ion Ratio Lower Upper
 113 100
 55 231.6 216.9 256.9
 56 162.3 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.524 ng
 RT: 12.26 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

Tgt Ion:107 Resp: 137092
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.2 30.2
 142 79.0 61.4 92.2

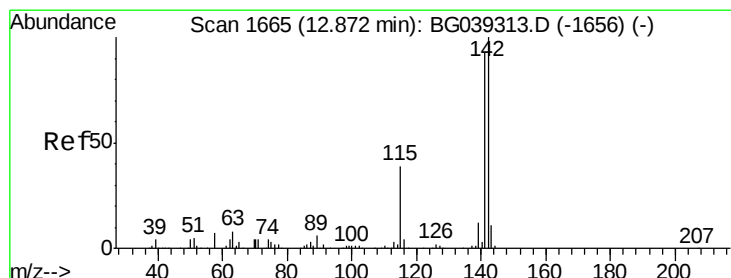
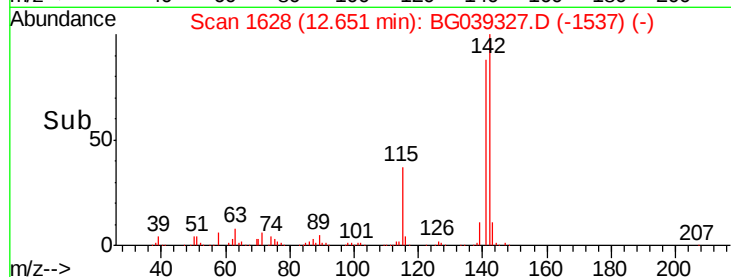
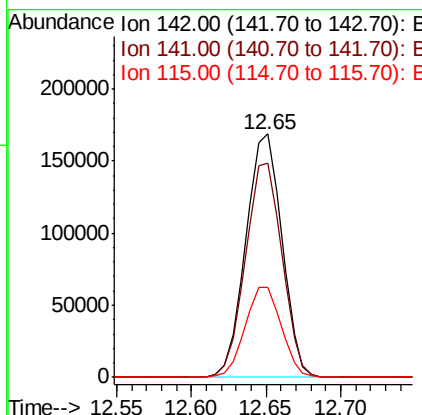
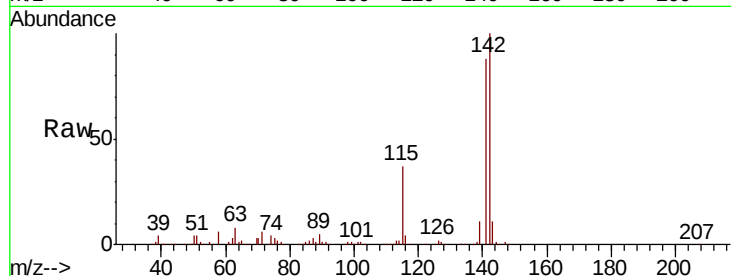




#37
2-Methylnaphthalene
Concen: 44.225 ng
RT: 12.65 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

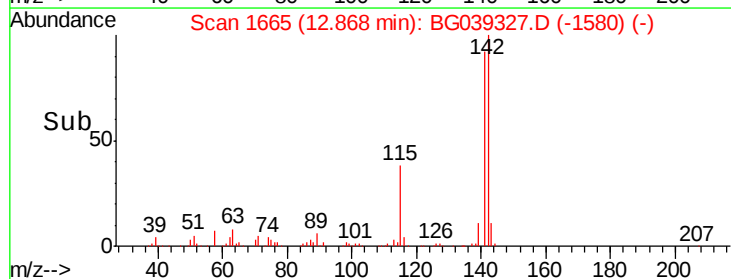
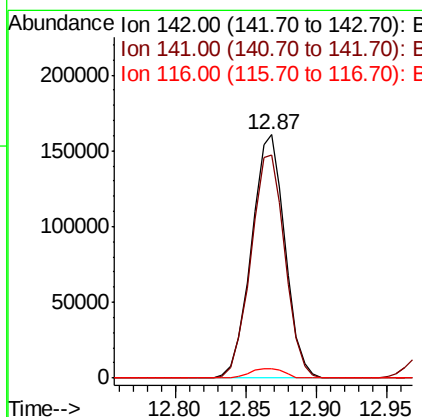
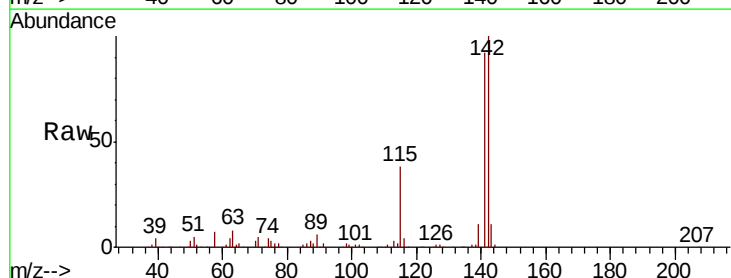
Instrument :
BNA_G
ClientSampleId :

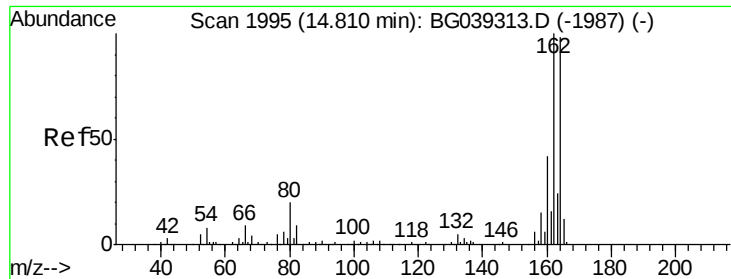
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	73.5	110.3
115	36.8	30.8	46.2



#38
1-Methylnaphthalene
Concen: 43.482 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.2	111.4
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

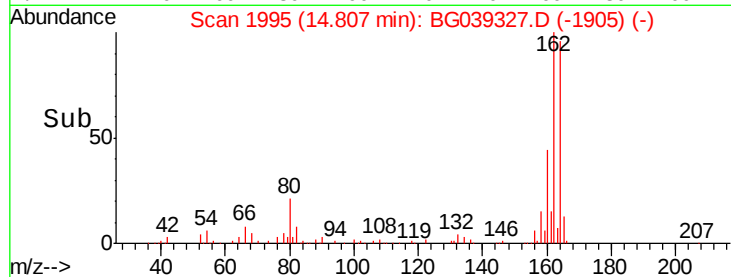
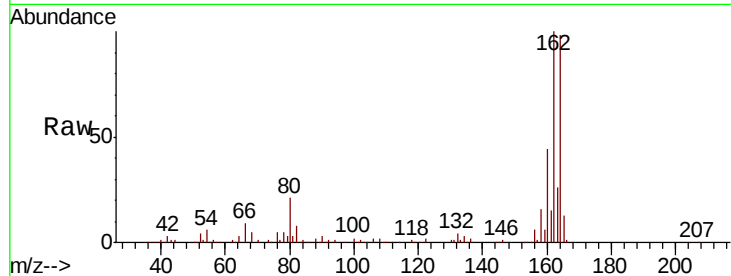
Tot Ion:164 Resp: 115688

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

160 44.6 34.2 51.2

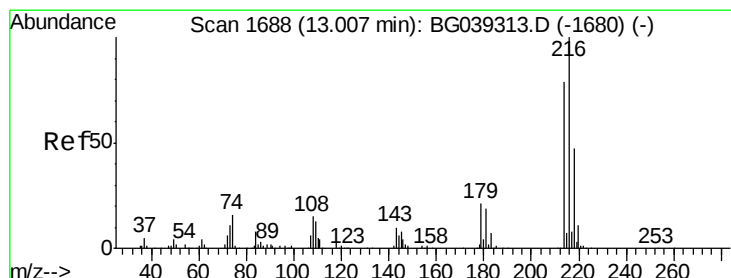
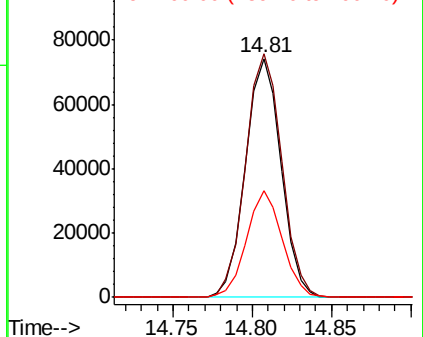


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.355 ng

RT: 13.00 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Tgt Ion:216 Resp: 144859

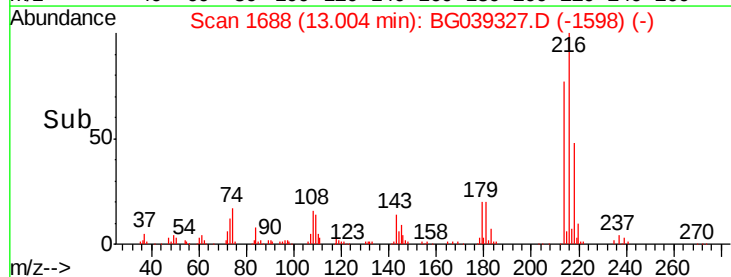
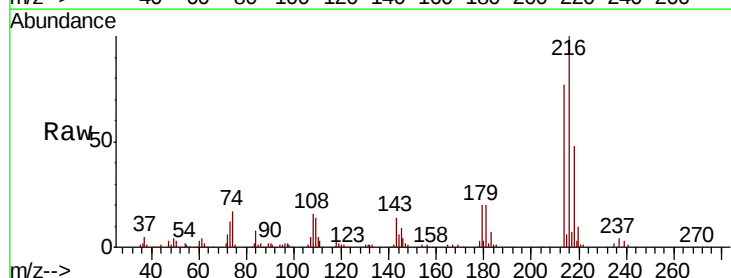
Ion Ratio Lower Upper

216 100

214 79.7 62.6 94.0

179 20.8 16.6 25.0

108 20.0 14.0 21.0



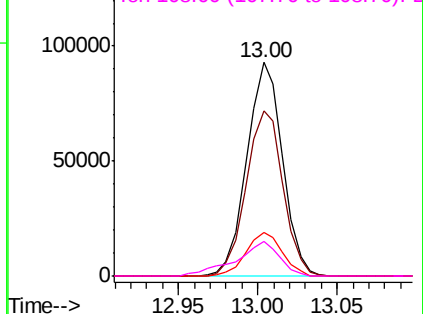
Abundance

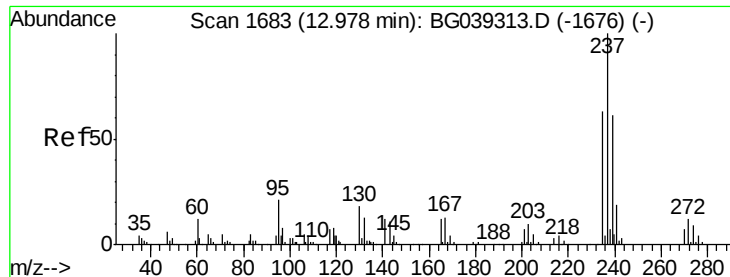
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.378 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

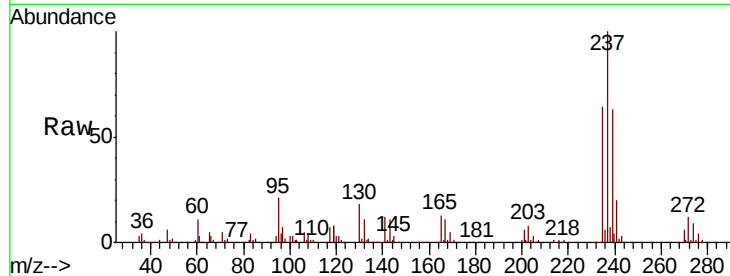
Tot Ion:237 Resp: 201334

Ion Ratio Lower Upper

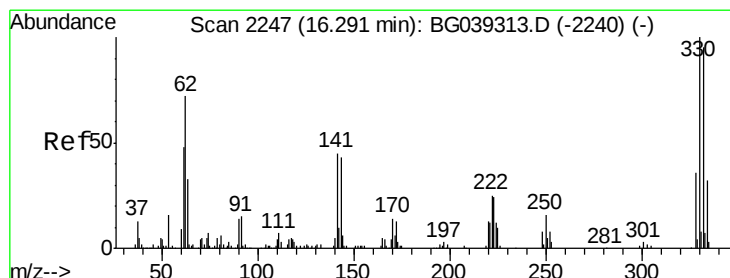
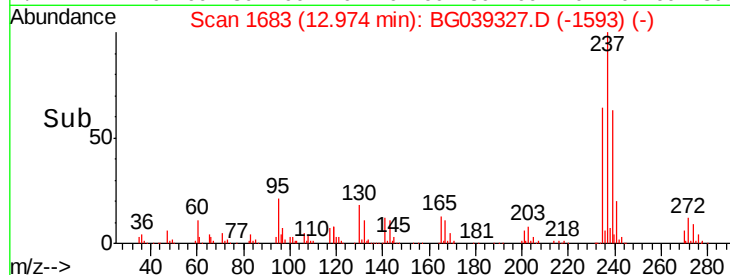
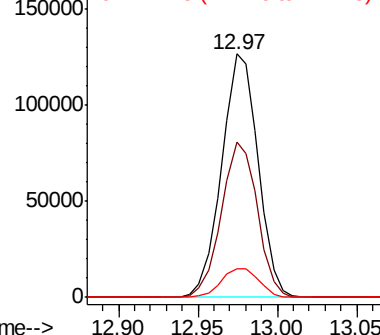
237 100

235 63.8 43.3 83.3

272 11.5 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 138.615 ng

RT: 16.29 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

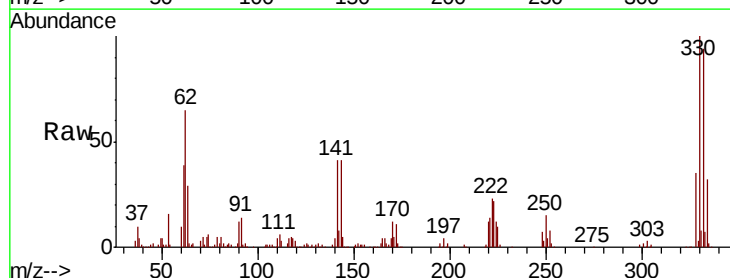
Tgt Ion:330 Resp: 172681

Ion Ratio Lower Upper

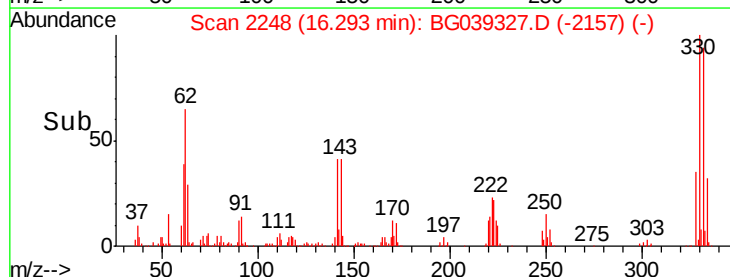
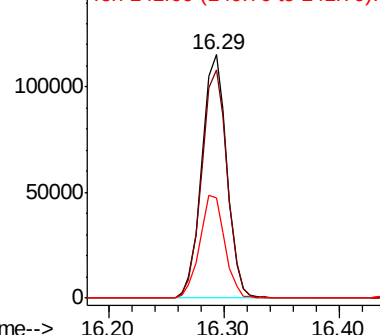
330 100

332 95.7 75.7 113.5

141 42.2 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

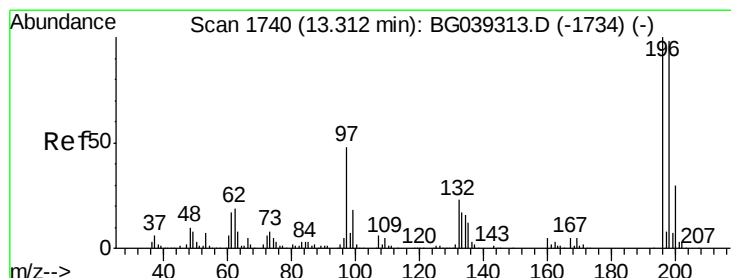
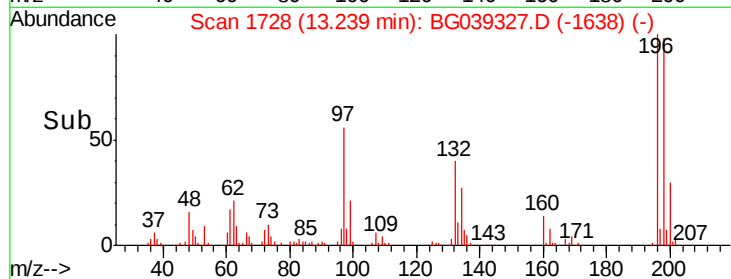
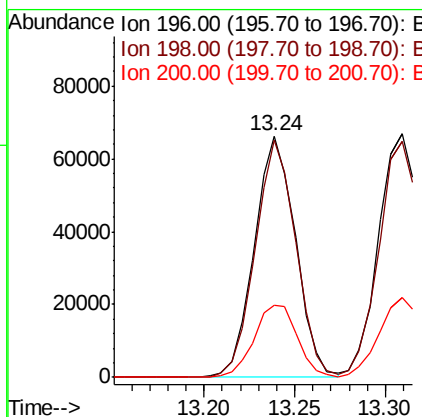
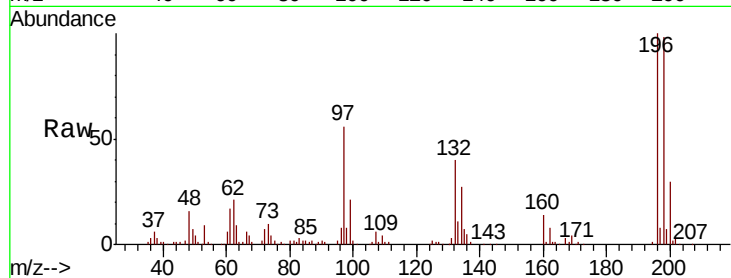




#43
 2,4,6-Trichlorophenol
 Concen: 46.116 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

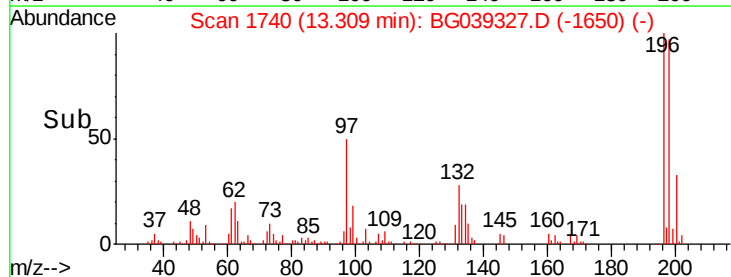
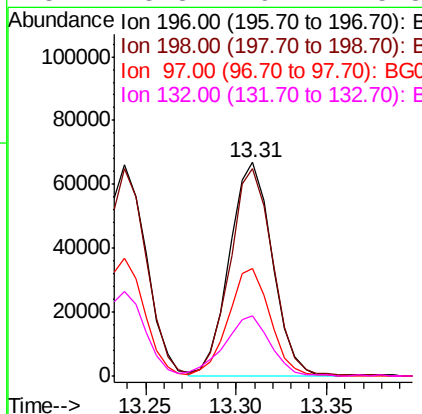
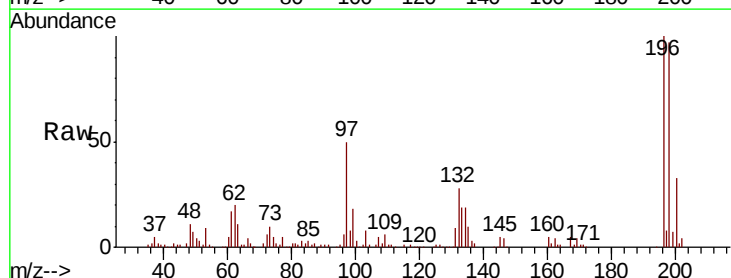
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	104368		
198	98.2	80.6	121.0	
200	30.0	26.1	39.1	



#44
 2,4,5-Trichlorophenol
 Concen: 46.058 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109250		
198	97.1	78.5	117.7	
97	50.2	38.4	57.6	
132	28.3	19.2	28.8	

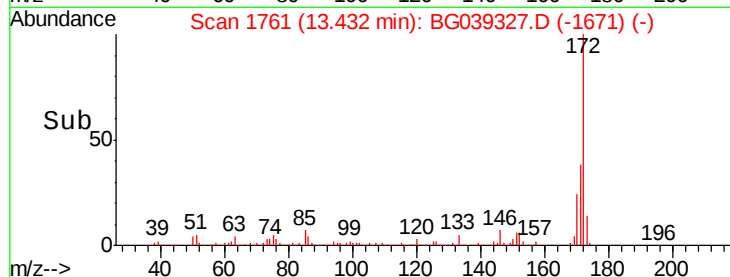
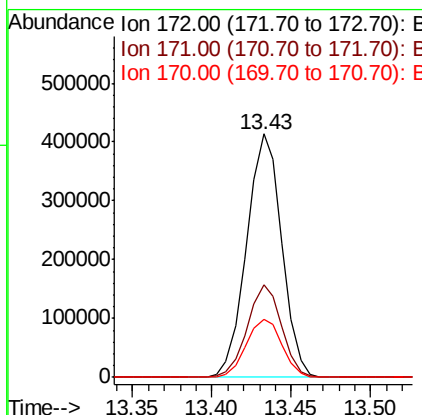
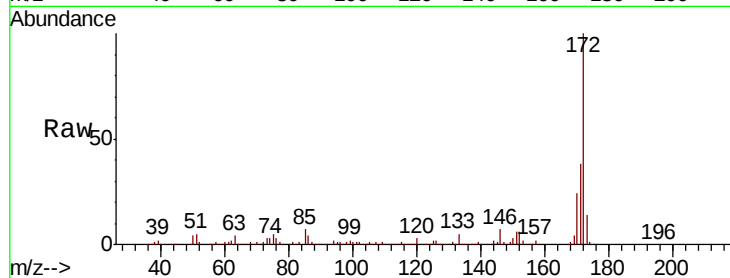




#45
 2-Fluorobiphenyl
 Concen: 78.786 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

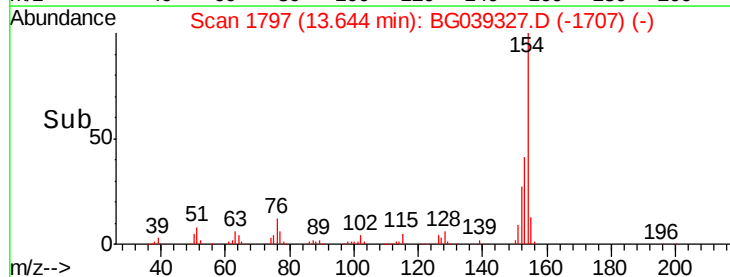
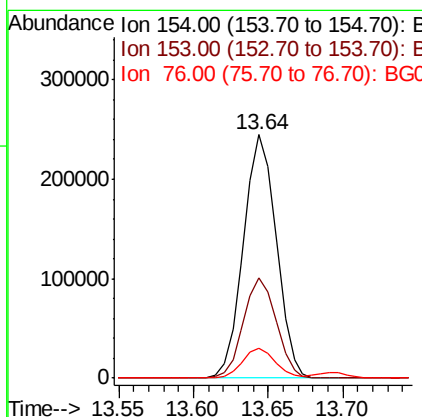
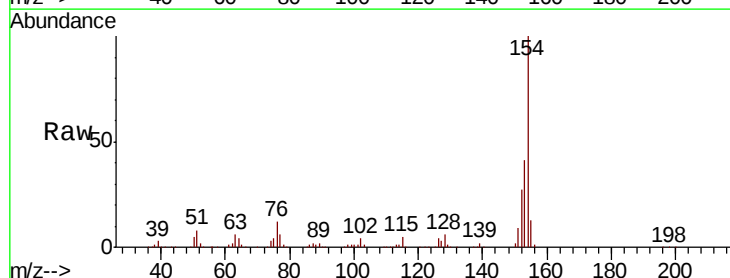
Instrument :
 BNA_G
 ClientSampleId :

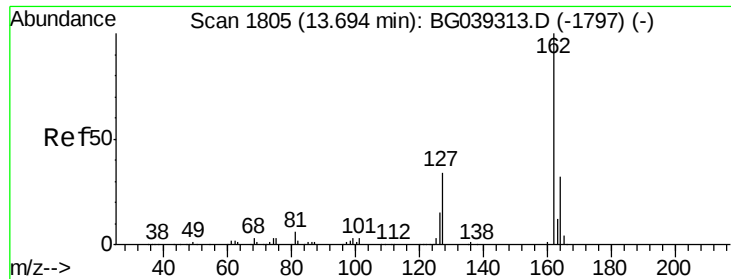
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	23.9	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 38.726 ng
 RT: 13.64 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.1	62.1
76	12.2	0.0	32.4





#47

2-Chloronaphthalene

Concen: 39.122 ng

RT: 13.69 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

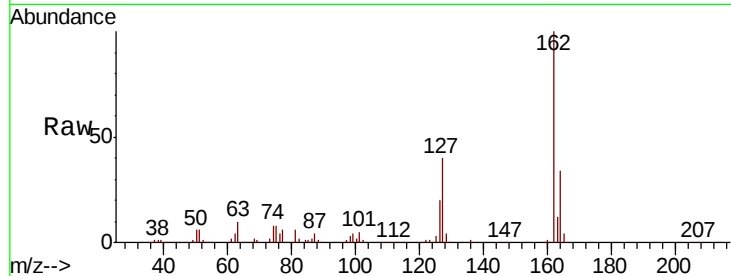
Tot Ion: 162 Resp: 283289

Ion Ratio Lower Upper

162 100

127 39.7 31.0 46.6

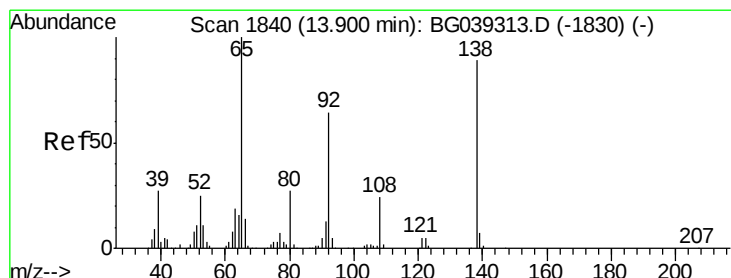
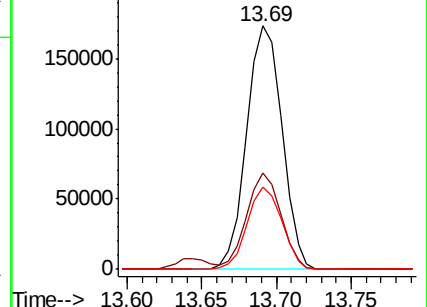
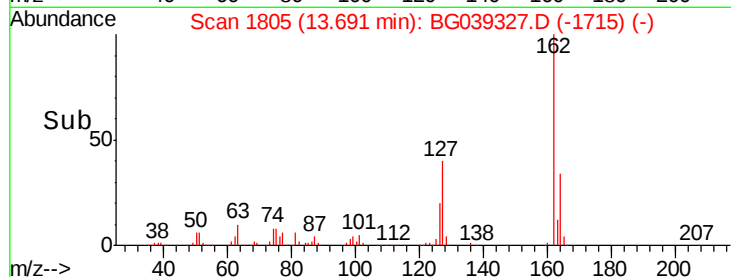
164 33.7 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.096 ng

RT: 13.90 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

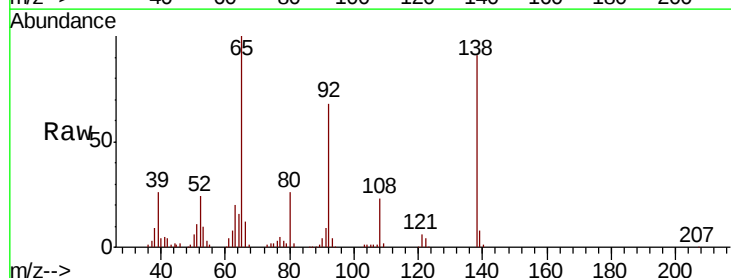
Tgt Ion: 65 Resp: 90027

Ion Ratio Lower Upper

65 100

92 68.3 51.4 77.2

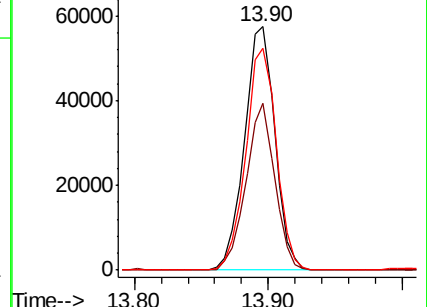
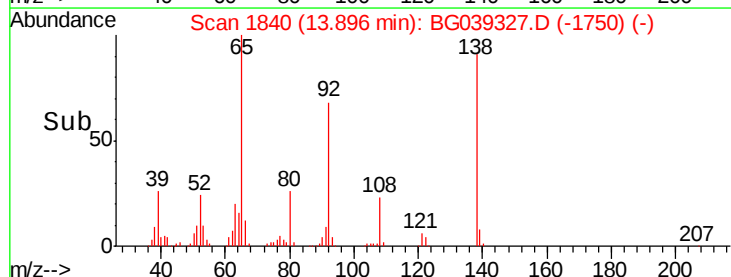
138 90.9 71.4 107.2

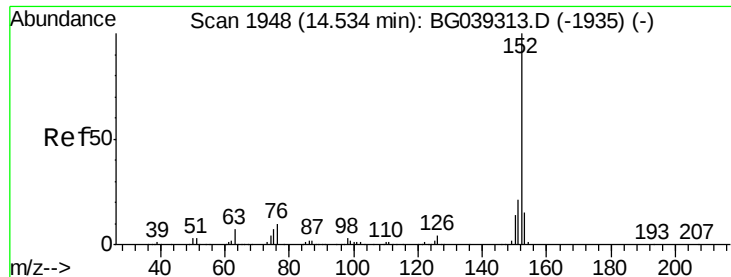


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.981 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

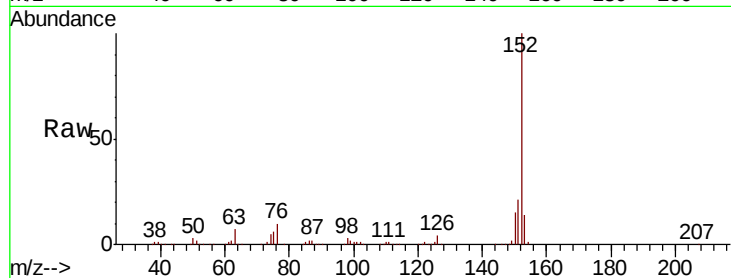
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 469619

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.8	25.2
153	14.2	11.7	17.5

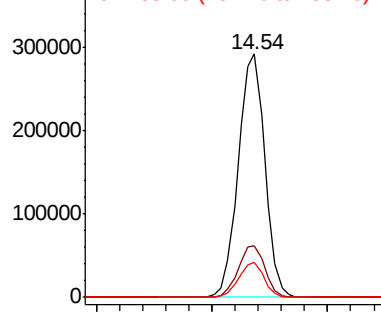


Abundance

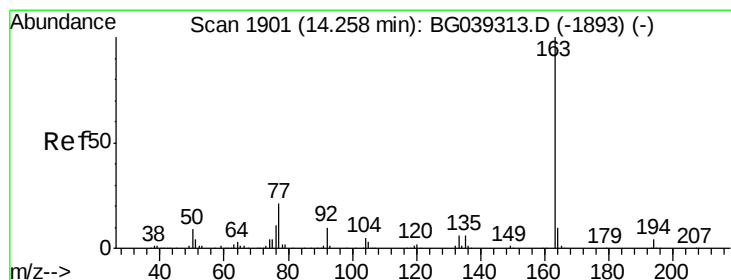
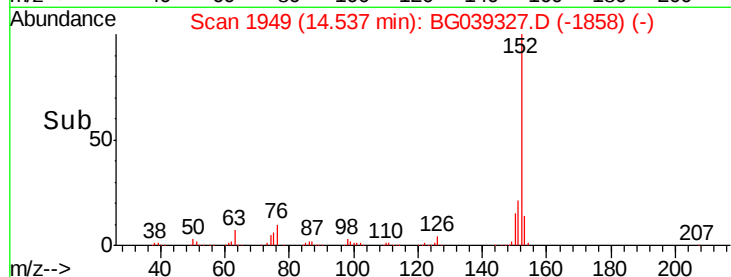
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 14.40 14.50 14.60



#50

Dimethylphthalate

Concen: 40.561 ng

RT: 14.25 min Scan# 1901

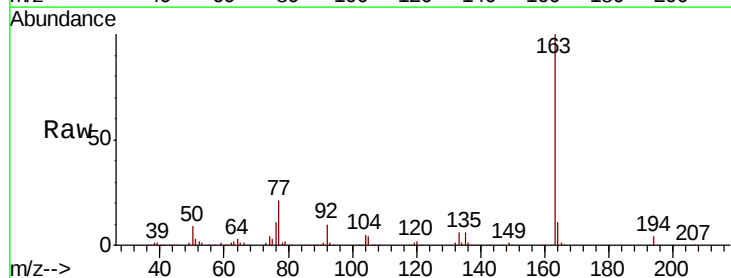
Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Tgt Ion:163 Resp: 378974

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.6	8.4	12.6

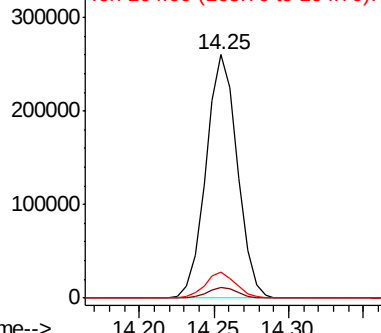


Abundance

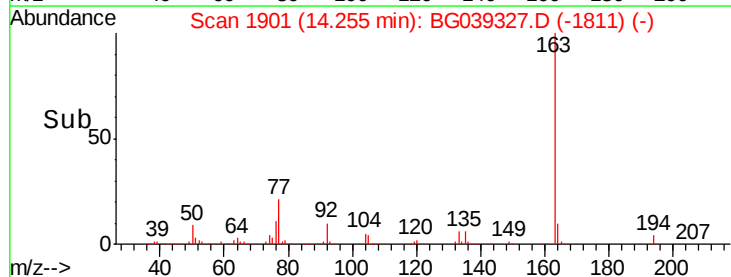
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 14.20 14.25 14.30

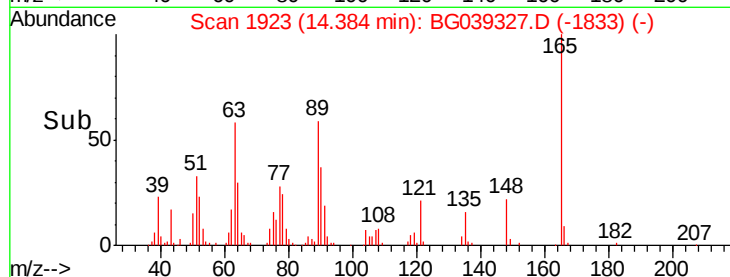
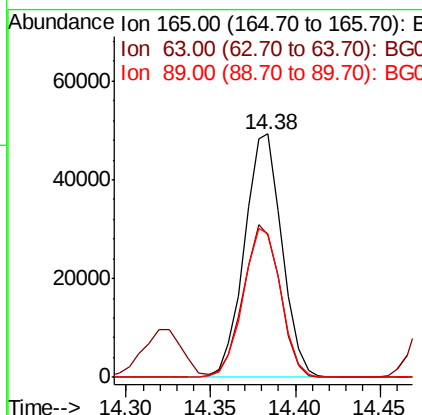
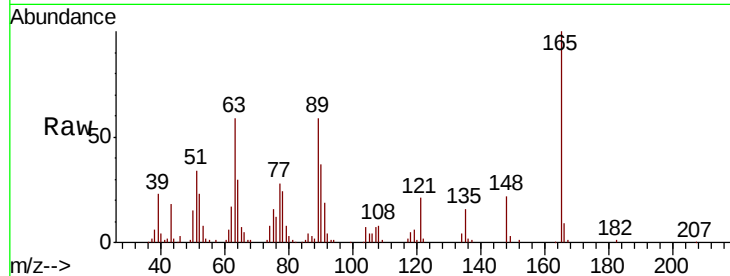




#51
2,6-Dinitrotoluene
Concen: 44.040 ng
RT: 14.38 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

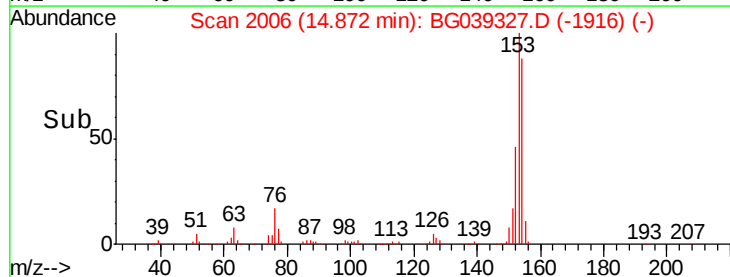
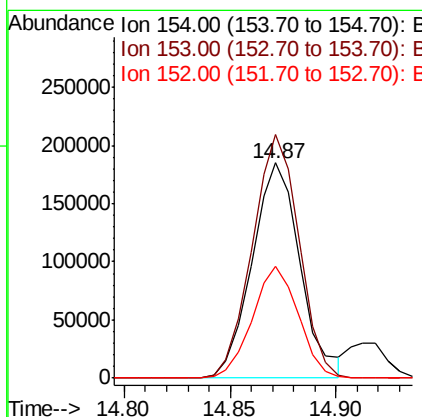
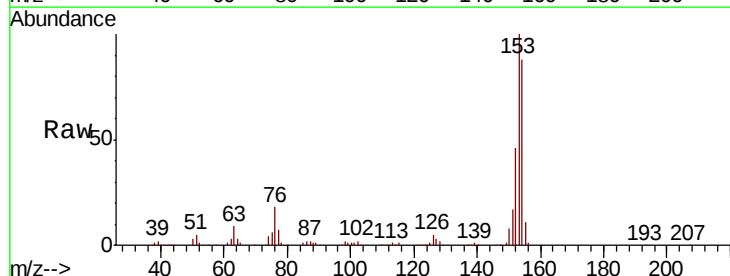
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 75810
Ion Ratio Lower Upper
165 100
63 58.5 47.0 70.6
89 58.8 45.8 68.8



#52
Acenaphthene
Concen: 41.273 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Tgt Ion:154 Resp: 292726
Ion Ratio Lower Upper
154 100
153 113.0 90.1 135.1
152 52.0 40.9 61.3

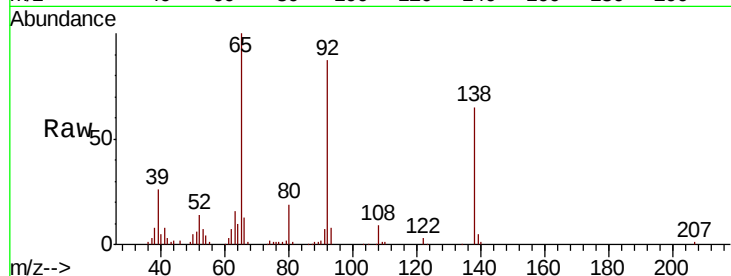




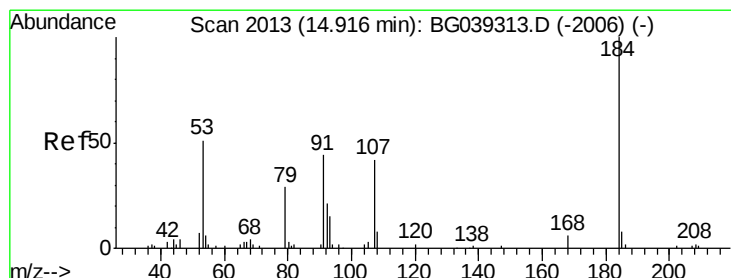
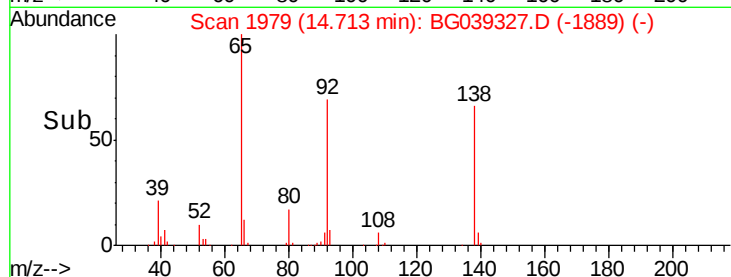
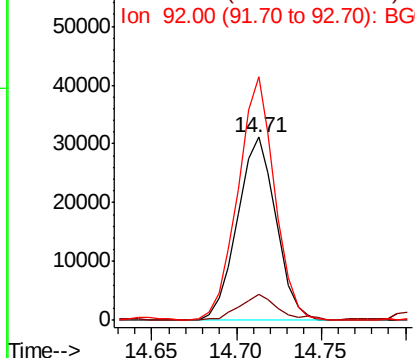
#53
3-Nitroaniline
Concen: 28.870 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 49451
Ion Ratio Lower Upper
138 100
108 13.9 13.8 20.8
92 133.1 103.7 155.5

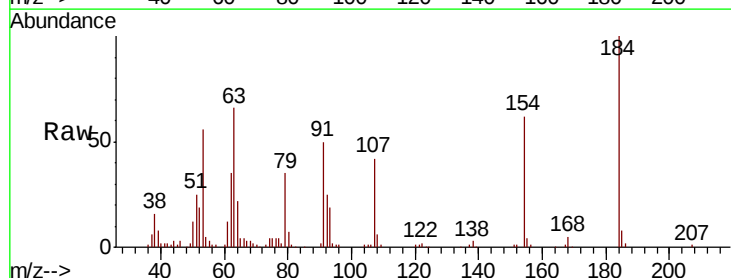


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

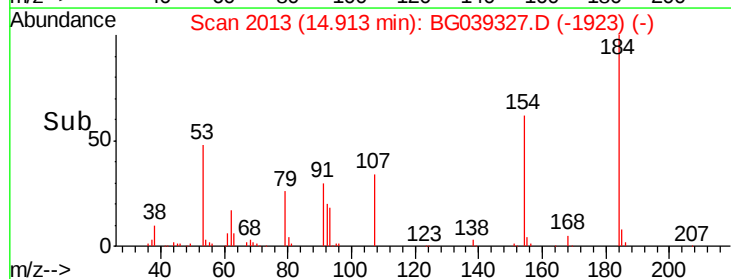
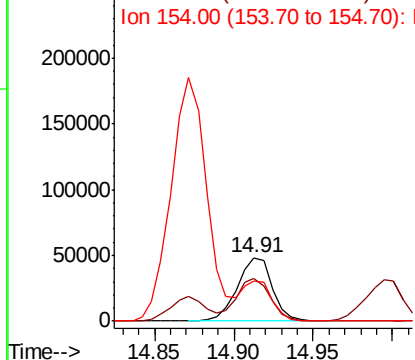


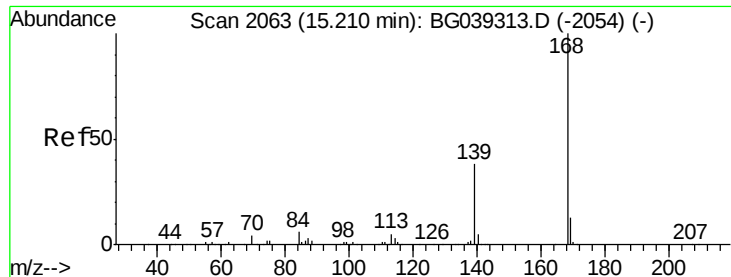
#54
2,4-Dinitrophenol
Concen: 90.466 ng
RT: 14.91 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Tgt Ion:184 Resp: 74358
Ion Ratio Lower Upper
184 100
63 66.0 50.9 76.3
154 62.4 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

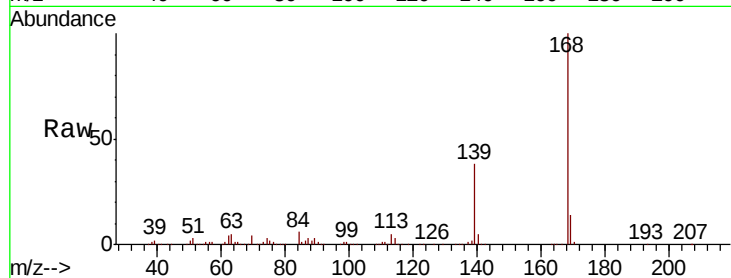




#55
Dibenzofuran
Concen: 40.348 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	13.7	10.6	16.0

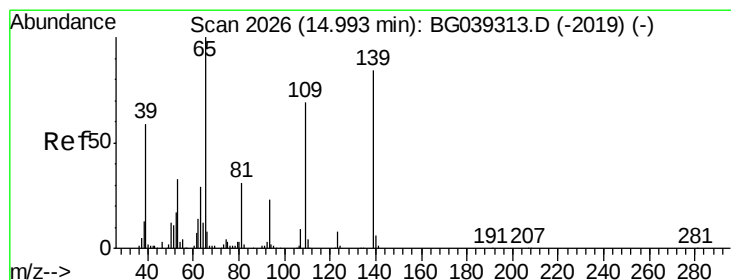
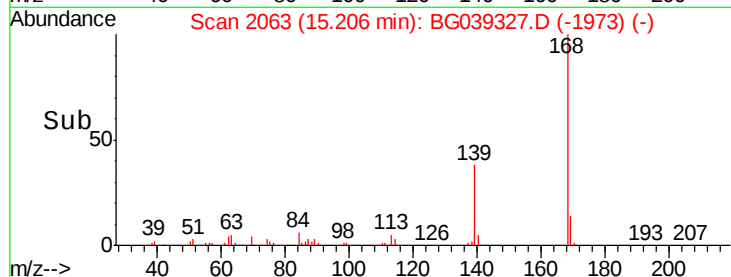
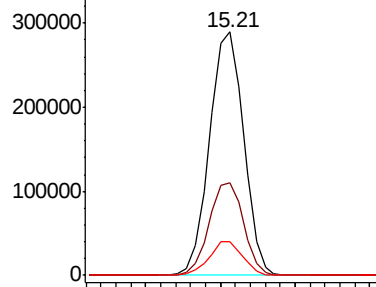


Abundance

Ion 168.00 (167.70 to 168.70): E

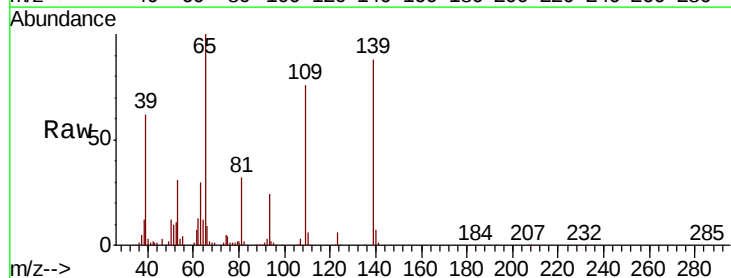
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 87.940 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.5	61.9	101.9
65	113.1	99.1	139.1

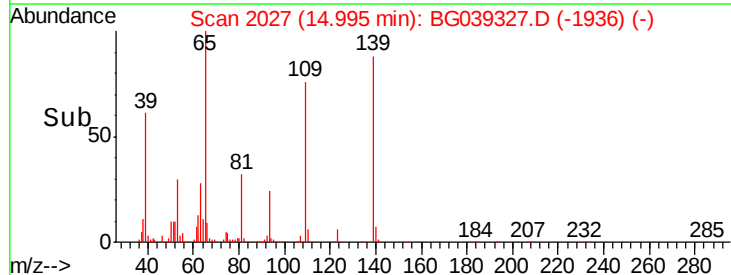
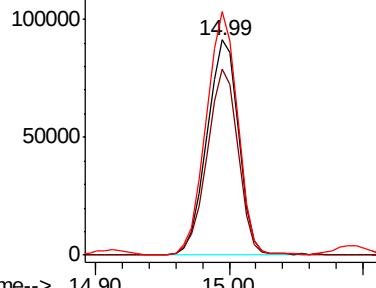


Abundance

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

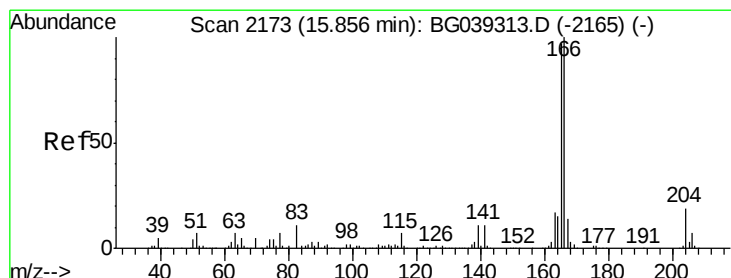
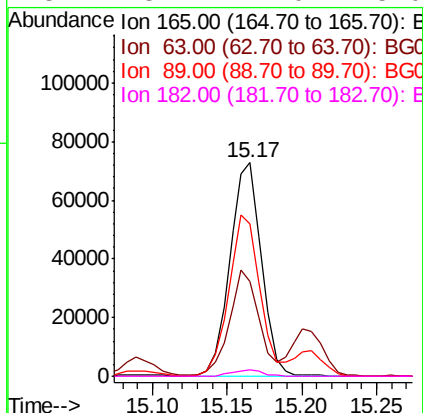
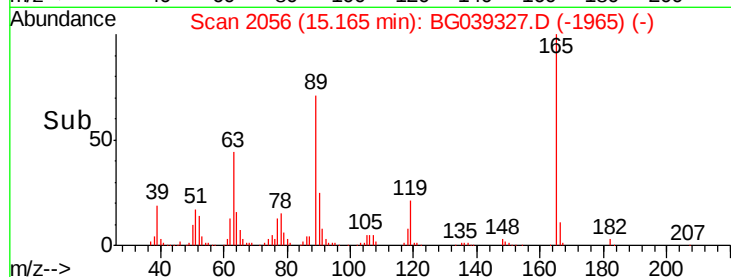
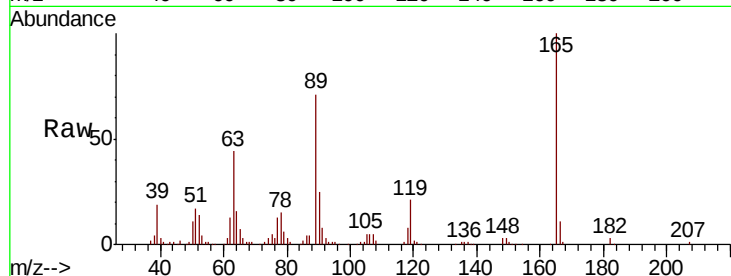




#57
 2,4-Dinitrotoluene
 Concen: 47.906 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

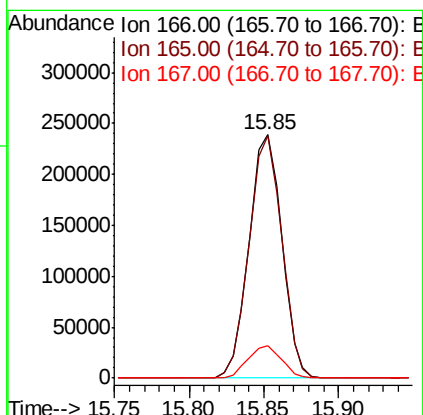
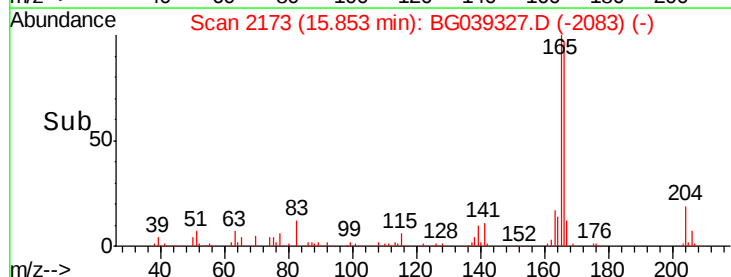
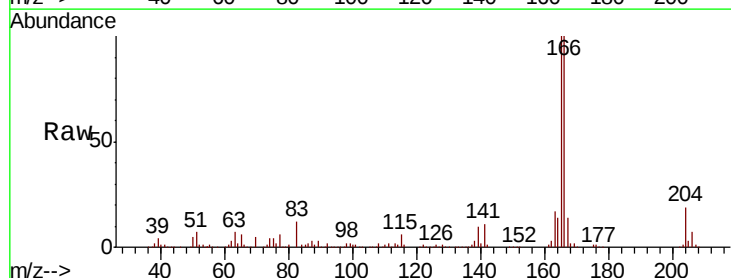
Instrument :
 BNA_G
 ClientSampled :

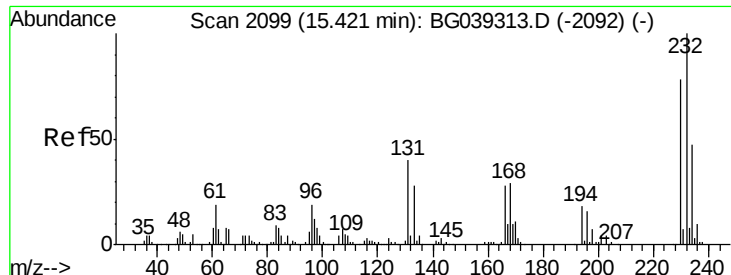
Tot Ion:165 Resp: 107118
 Ion Ratio Lower Upper
 165 100
 63 44.4 41.0 61.6
 89 71.2 64.6 96.8
 182 3.2 2.0 3.0#



#58
 Fluorene
 Concen: 42.883 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

Tgt Ion:166 Resp: 363522
 Ion Ratio Lower Upper
 166 100
 165 99.5 77.9 116.9
 167 13.5 10.8 16.2

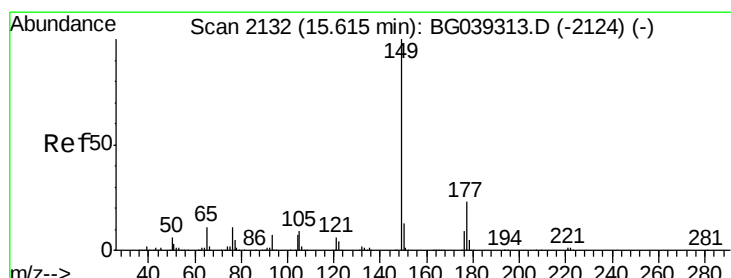
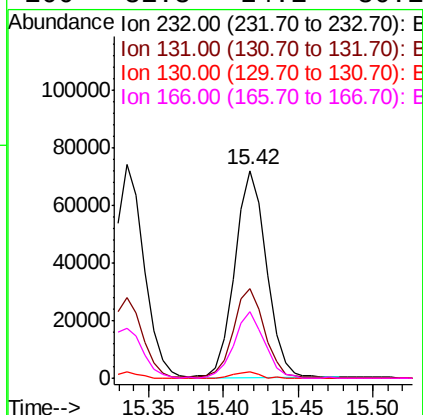
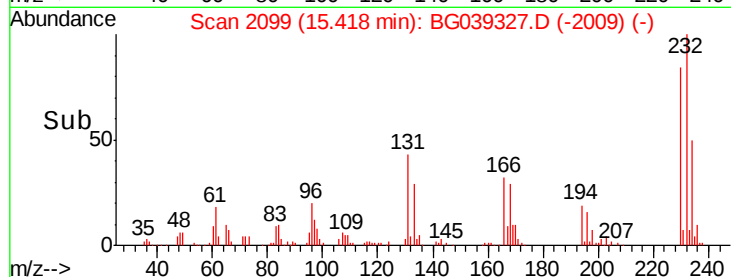
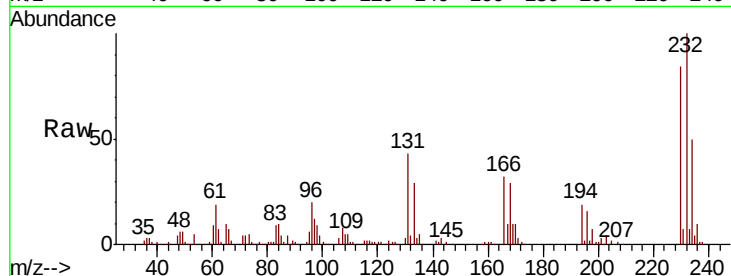




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.870 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

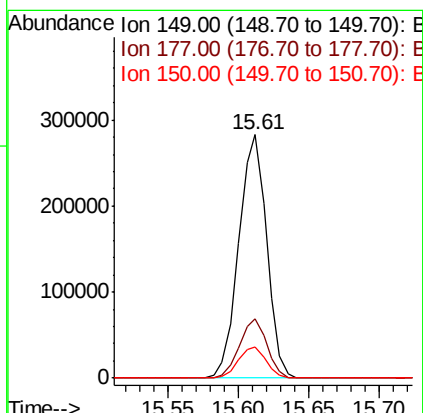
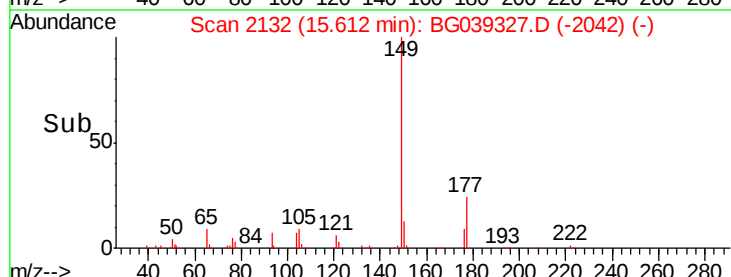
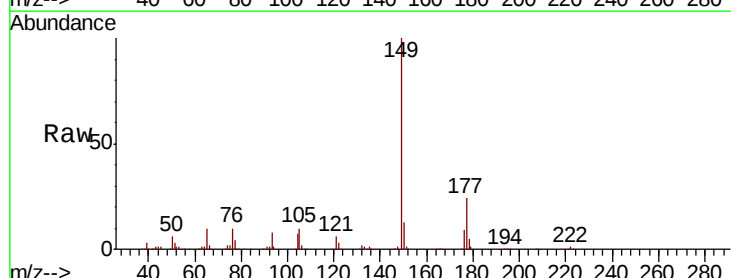
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	34.9	52.3
130	2.6	2.0	3.0
166	31.3	24.1	36.1



#60
 Diethylphthalate
 Concen: 40.301 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.3	27.5
150	12.9	10.2	15.2

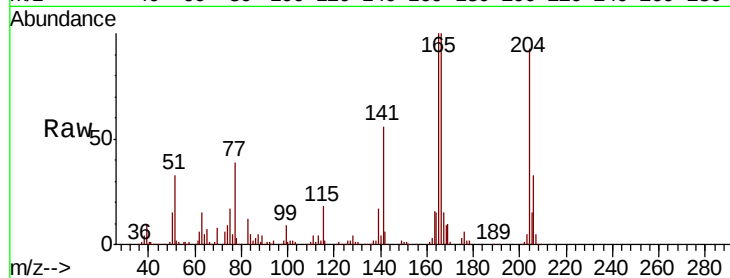




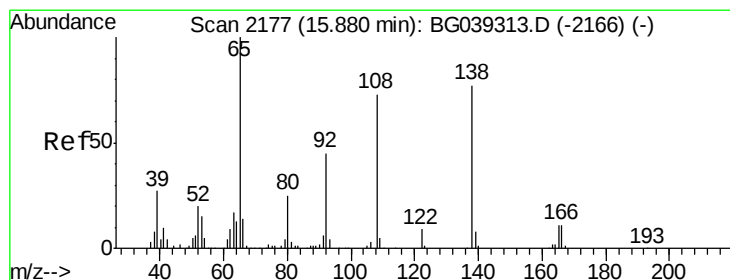
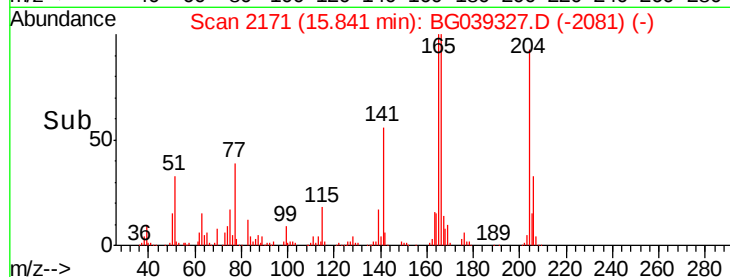
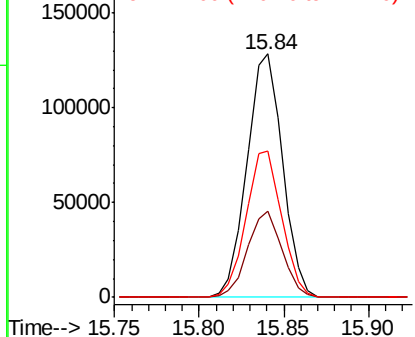
#61
4-Chlorophenyl-phenylether
Concen: 39.189 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 188104
Ion Ratio Lower Upper
204 100
206 35.2 29.2 43.8
141 60.1 49.0 73.4

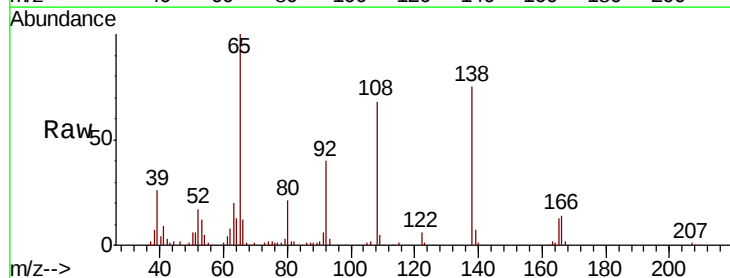


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

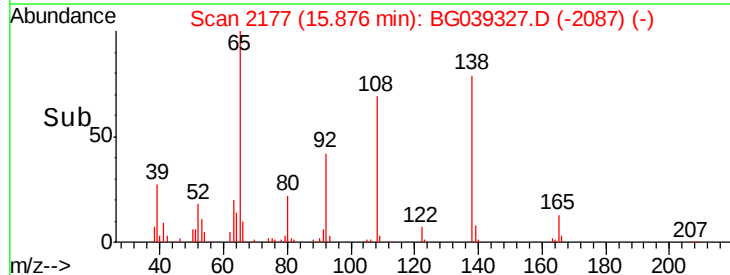
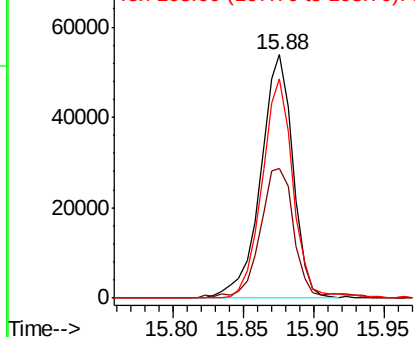


#62
4-Nitroaniline
Concen: 44.508 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Tgt Ion:138 Resp: 86547
Ion Ratio Lower Upper
138 100
92 53.2 38.7 78.7
108 90.2 74.6 114.6



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

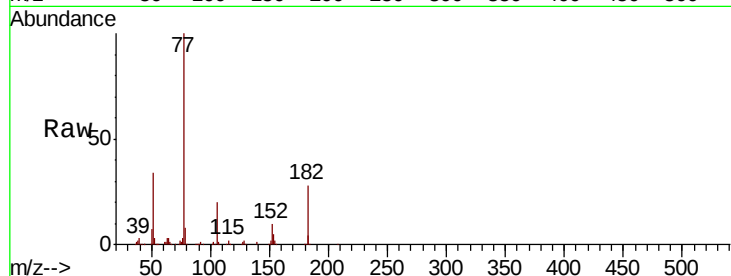




#63
Azobenzene
Concen: 38.530 ng
RT: 16.13 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.1	6.4	46.4	
105	20.4	0.0	39.8	
51	34.3	14.1	54.1	

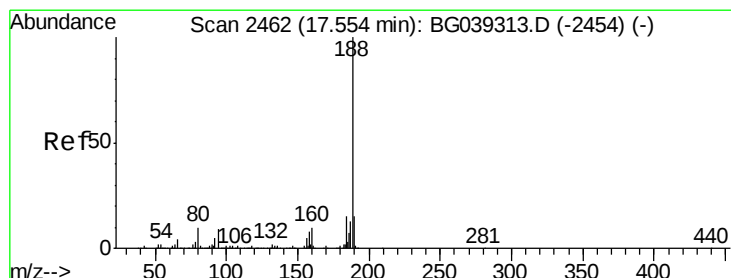
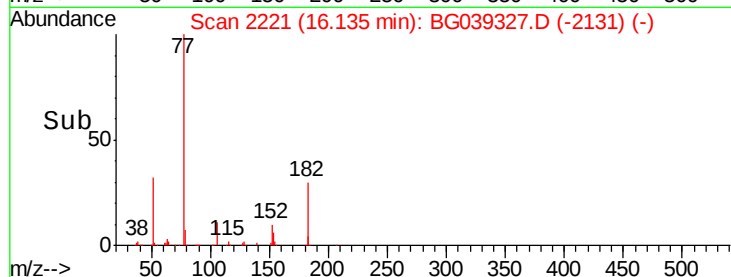
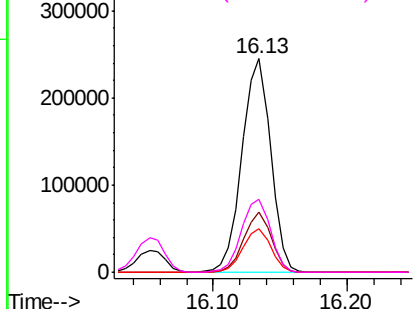


Abundance Ion 77.00 (76.70 to 77.70): BG039327.D (-2131) (-)

Ion 182.00 (181.70 to 182.70): BG039327.D (-2131) (-)

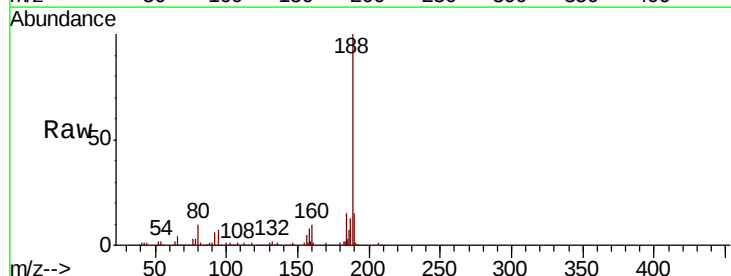
Ion 105.00 (104.70 to 105.70): BG039327.D (-2131) (-)

Ion 51.00 (50.70 to 51.70): BG039327.D (-2131) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

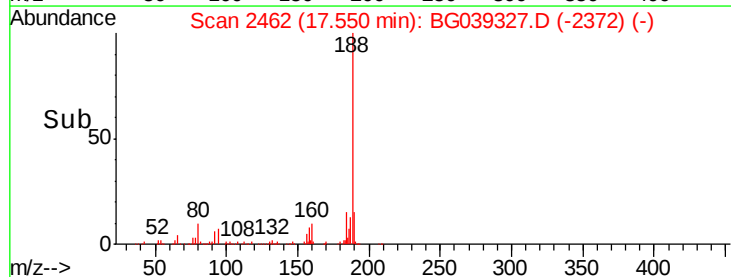
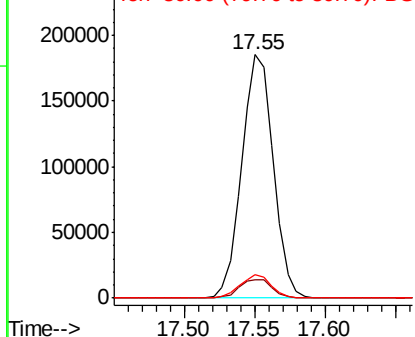
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.3	6.9	10.3	
80	9.8	8.1	12.1	

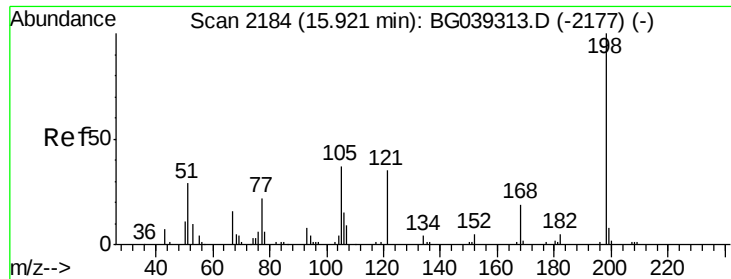


Abundance Ion 188.00 (187.70 to 188.70): BG039327.D (-2372) (-)

Ion 94.00 (93.70 to 94.70): BG039327.D (-2372) (-)

Ion 80.00 (79.70 to 80.70): BG039327.D (-2372) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 47.413 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

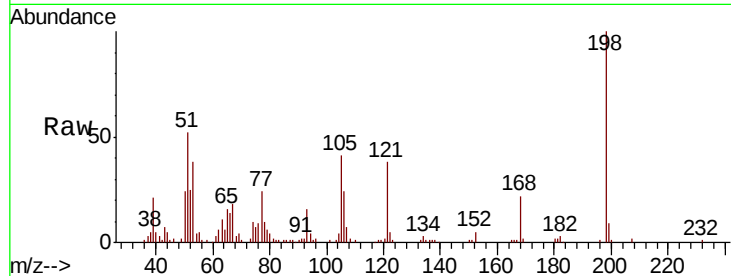
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 53734

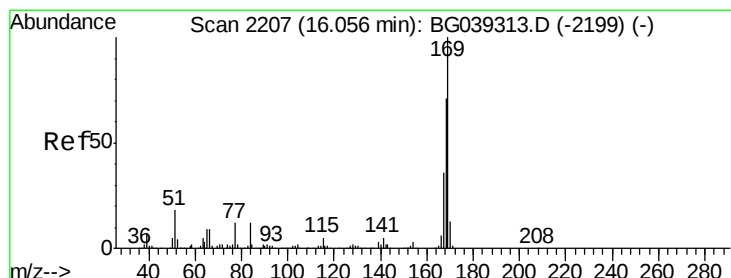
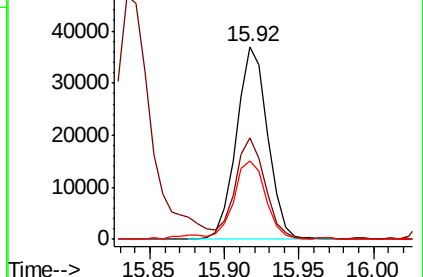
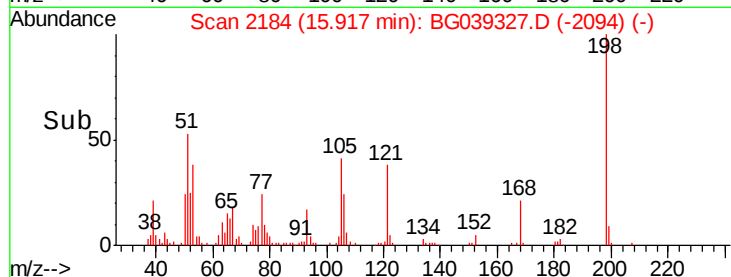
Ion	Ratio	Lower	Upper
198	100		
51	52.5	27.4	67.4
105	40.8	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039327.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.815 ng

RT: 16.05 min Scan# 2207

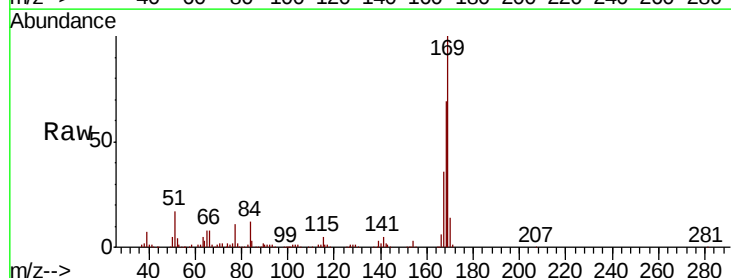
Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Tgt Ion:169 Resp: 341239

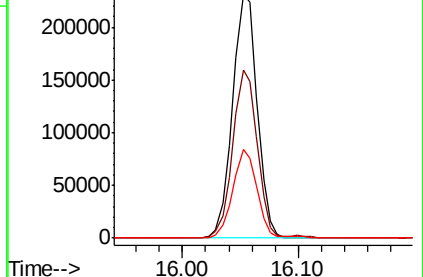
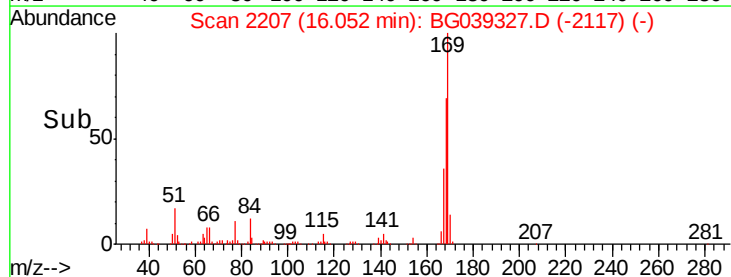
Ion	Ratio	Lower	Upper
169	100		
168	69.2	56.6	85.0
167	36.5	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

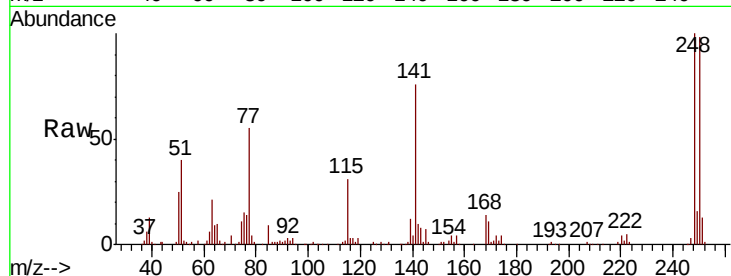




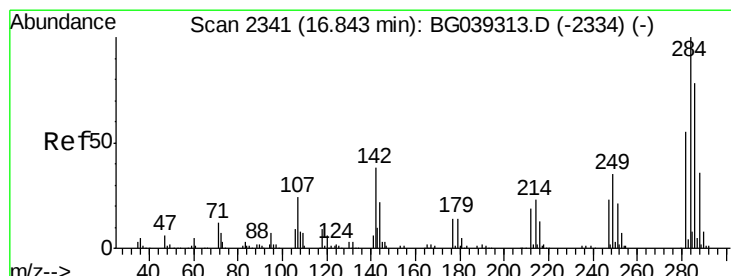
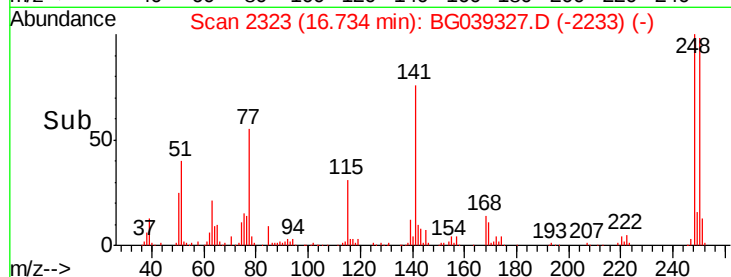
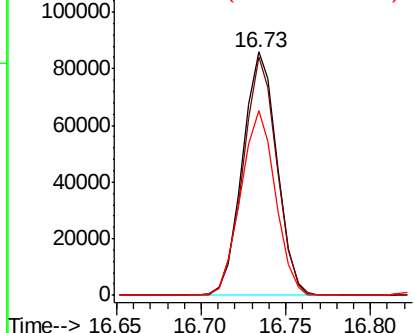
#67
 4-Bromophenyl-phenylether
 Concen: 37.954 ng
 RT: 16.73 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 121738
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.6 116.4
 141 76.0 63.9 95.9

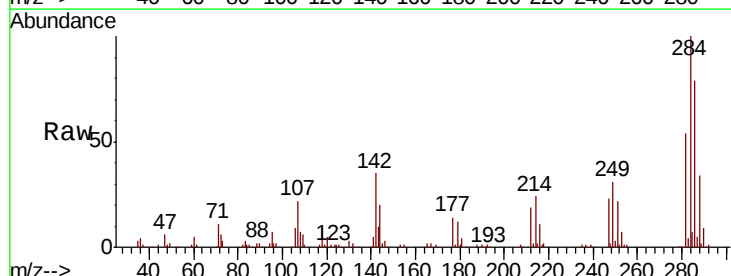


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

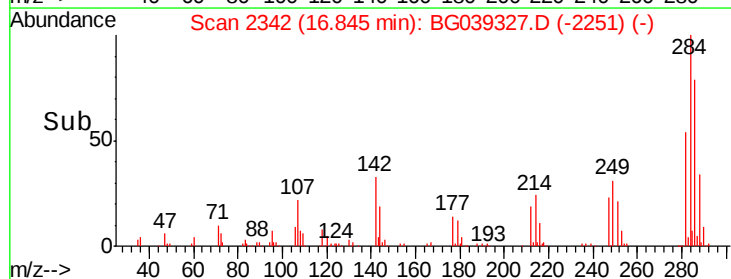
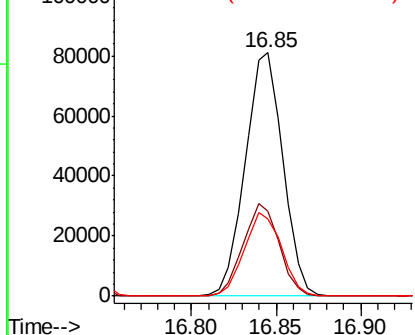


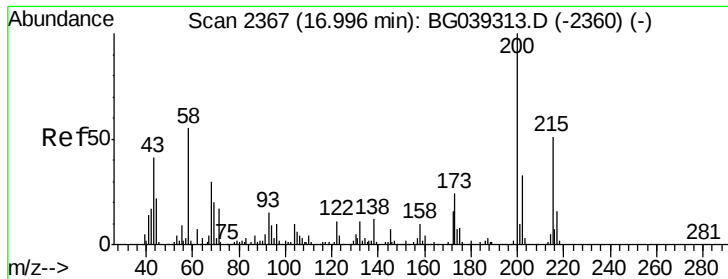
#68
 Hexachlorobenzene
 Concen: 39.013 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG039327.D
 Acq: 30 Jan 2019 14:33

Tgt Ion:284 Resp: 125550
 Ion Ratio Lower Upper
 284 100
 142 34.6 30.6 45.8
 249 31.5 28.2 42.2



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





#69

Atrazine

Concen: 43.041 ng

RT: 16.99 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

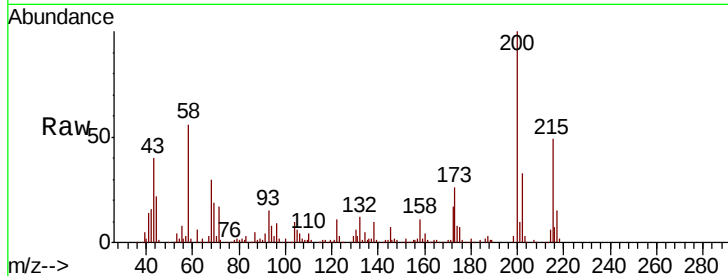
Tot Ion:200 Resp: 138280

Ion Ratio Lower Upper

200 100

173 26.0 3.9 43.9

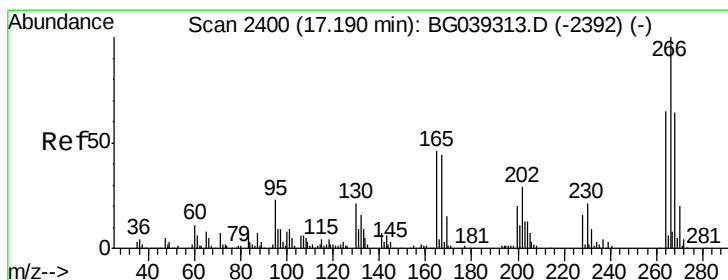
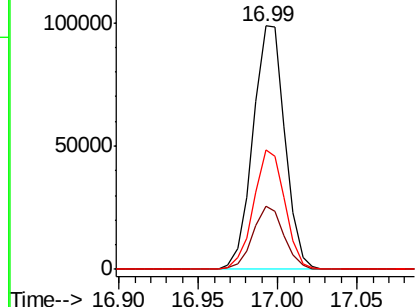
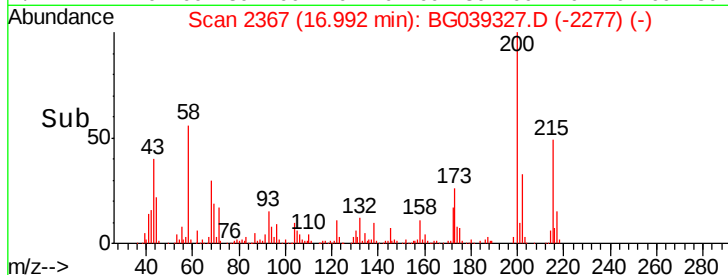
215 49.0 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.656 ng

RT: 17.19 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

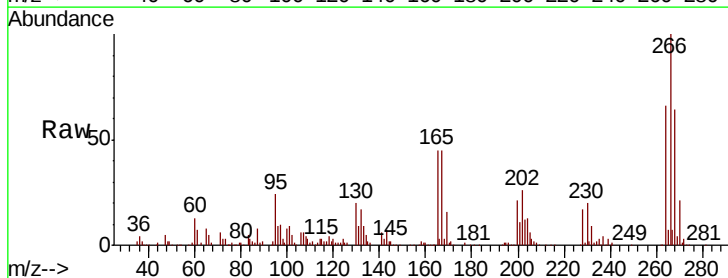
Tgt Ion:266 Resp: 175927

Ion Ratio Lower Upper

266 100

268 64.4 51.1 76.7

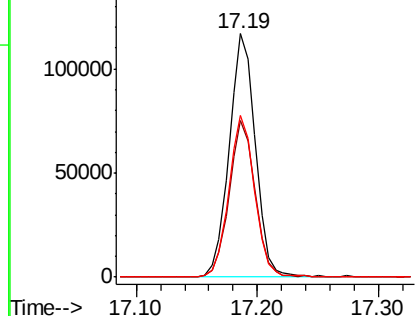
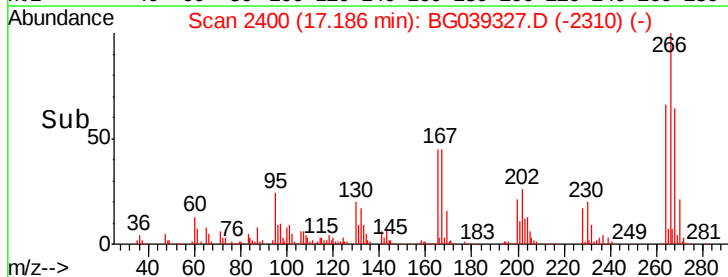
264 66.3 52.1 78.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

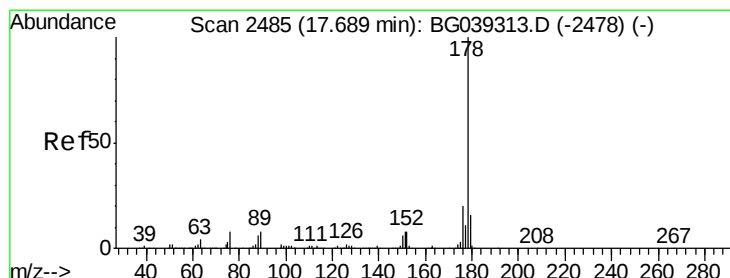
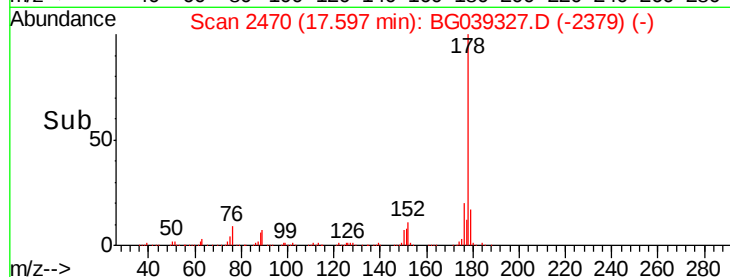
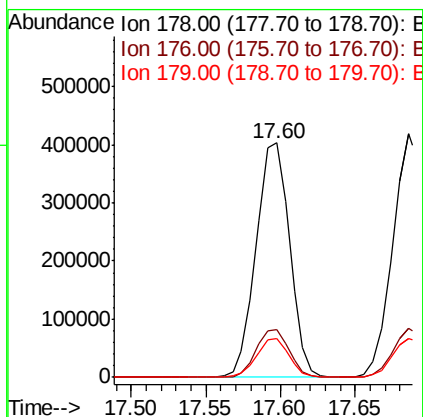
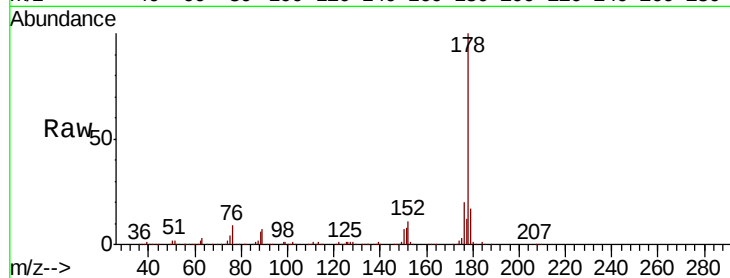




#71
Phenanthrene
Concen: 41.783 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

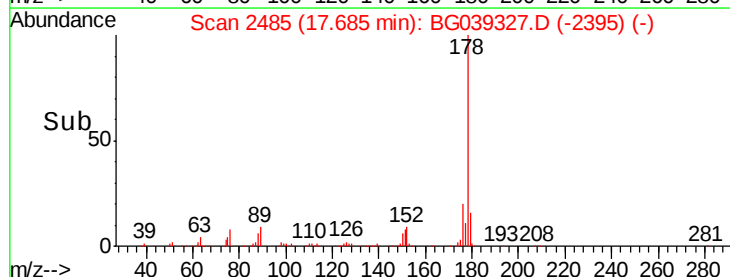
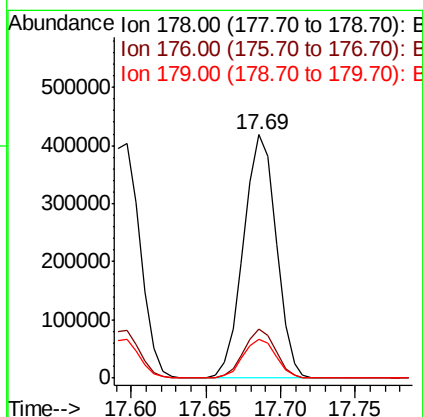
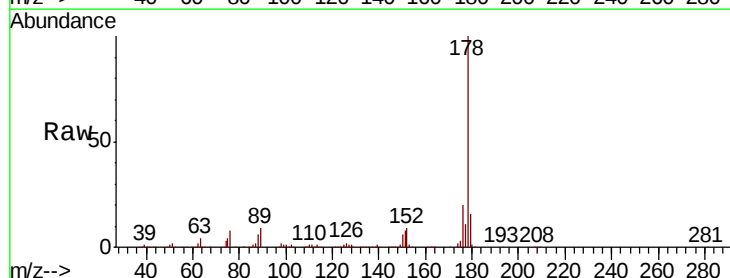
Instrument :
BNA_G
ClientSampled :

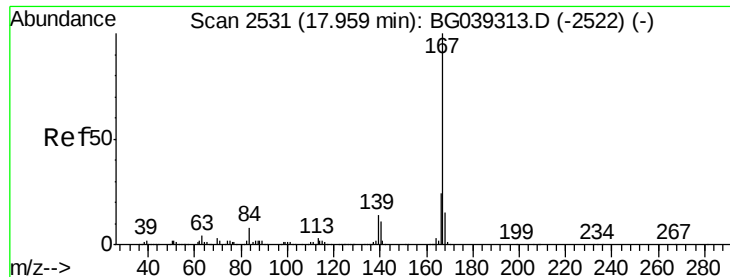
Tot Ion:178 Resp: 625254
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.7 12.6 19.0



#72
Anthracene
Concen: 43.226 ng
RT: 17.69 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Tgt Ion:178 Resp: 637142
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 16.1 12.5 18.7





#73

Carbazole

Concen: 39.107 ng

RT: 17.96 min Scan# 2531

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampled :

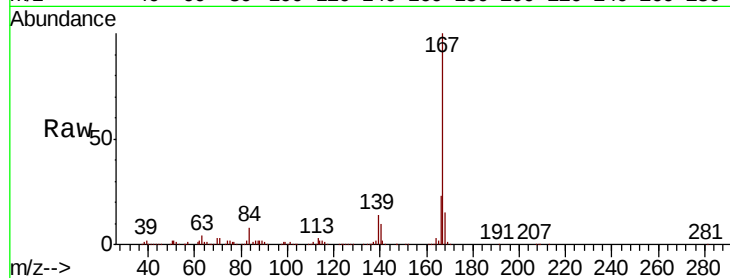
Tot Ion:167 Resp: 575270

Ion Ratio Lower Upper

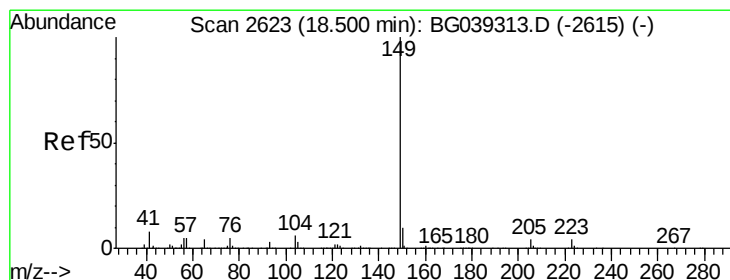
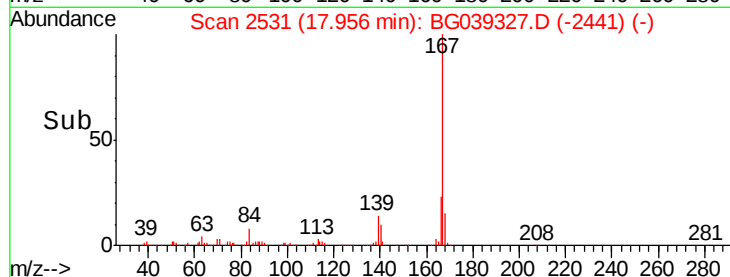
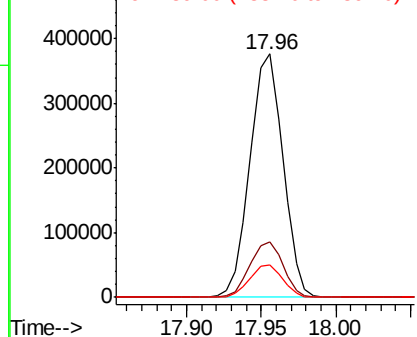
167 100

166 22.9 19.4 29.2

139 13.6 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.360 ng

RT: 18.50 min Scan# 2623

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

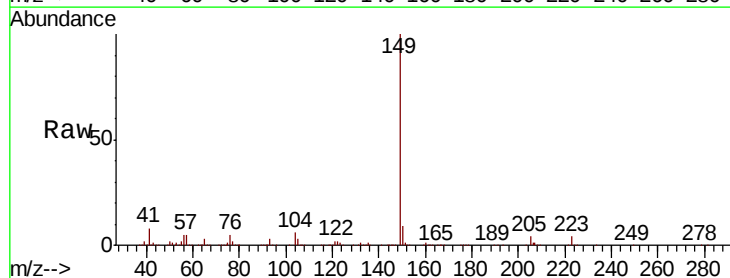
Tgt Ion:149 Resp: 709794

Ion Ratio Lower Upper

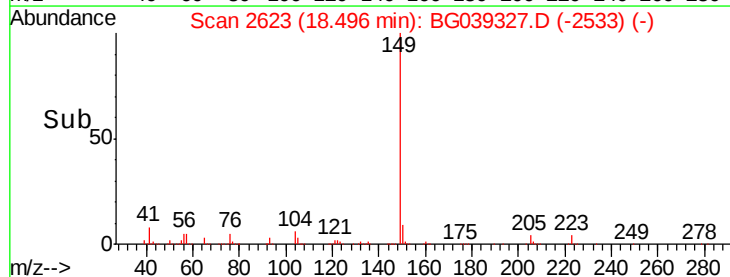
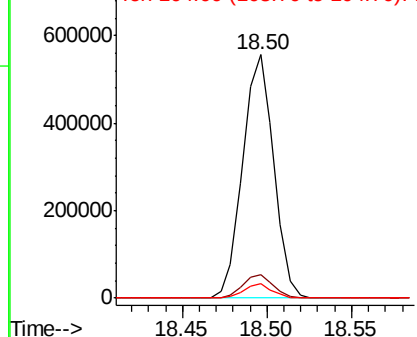
149 100

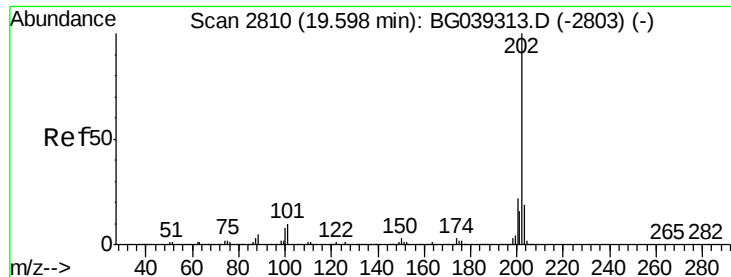
150 9.4 7.7 11.5

104 5.7 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.727 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

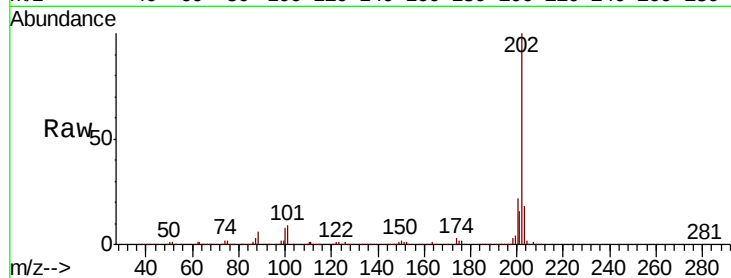
Tot Ion:202 Resp: 776865

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.0

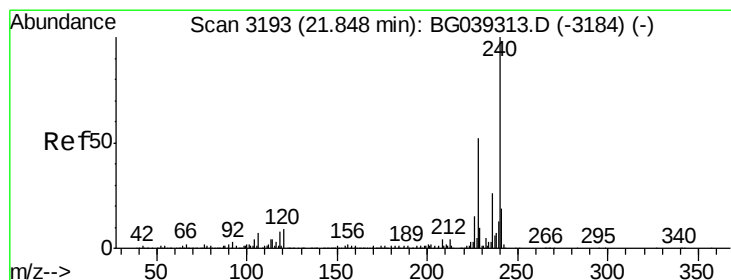
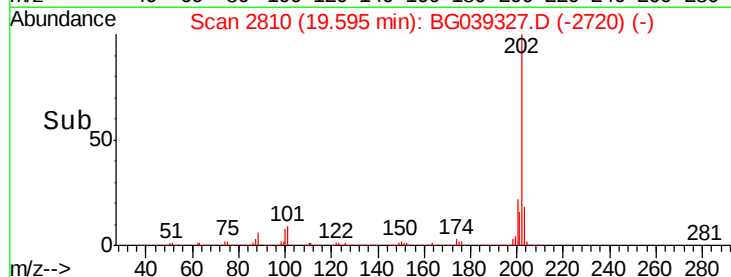
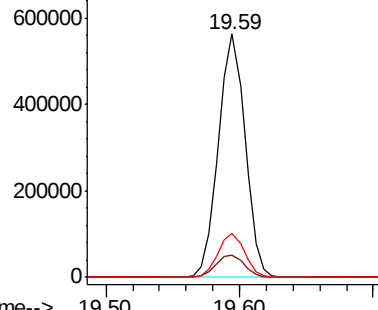
203 18.3 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3193

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

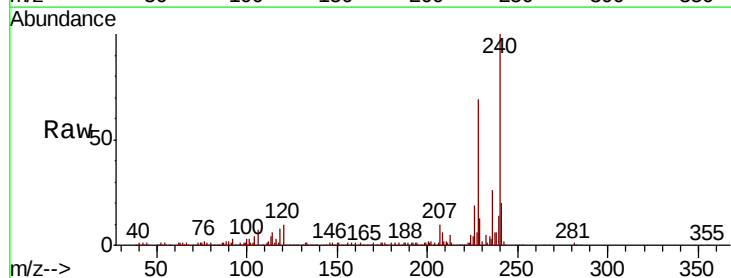
Tgt Ion:240 Resp: 295204

Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.6

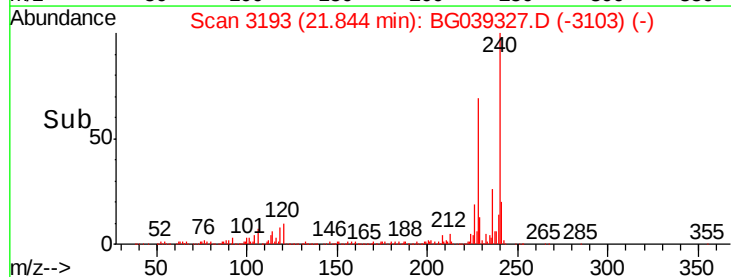
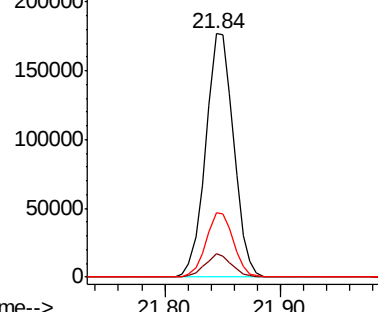
236 26.3 21.0 31.4

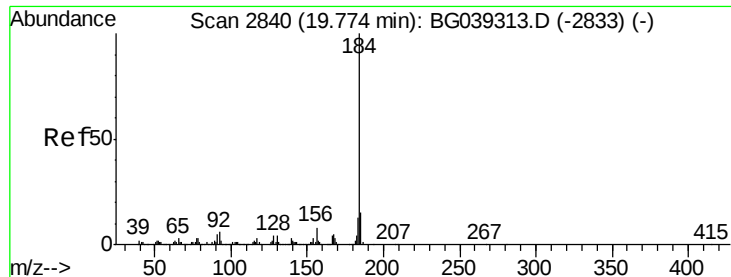


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.011 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampled :

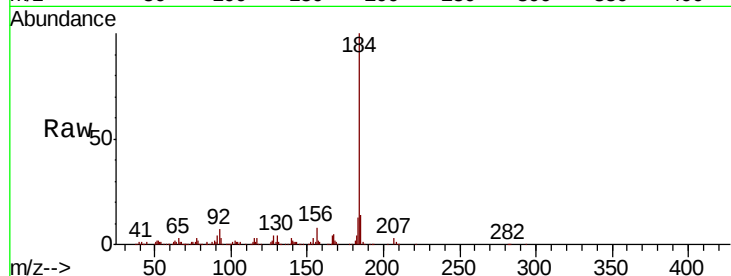
Tot Ion:184 Resp: 271101

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

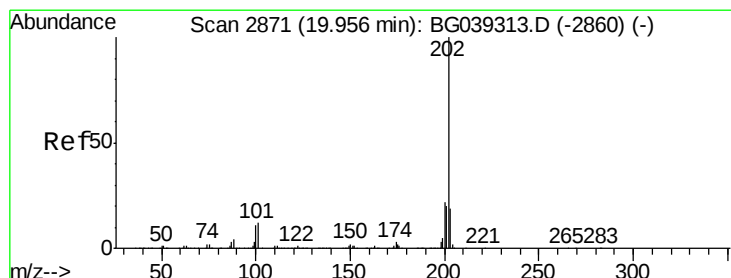
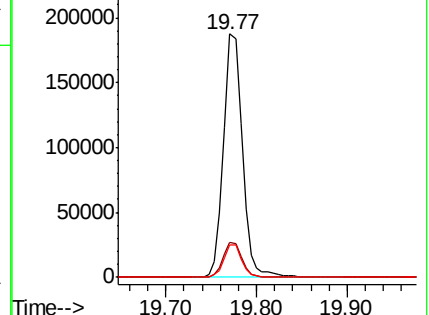
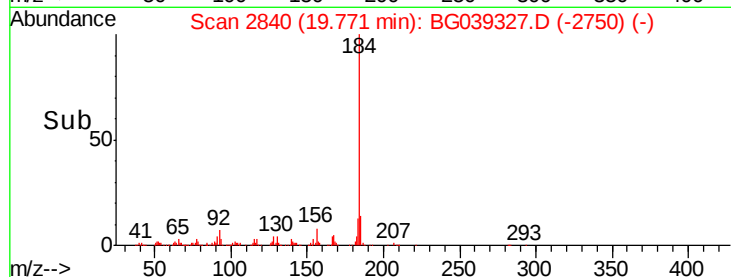
183 13.3 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.443 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

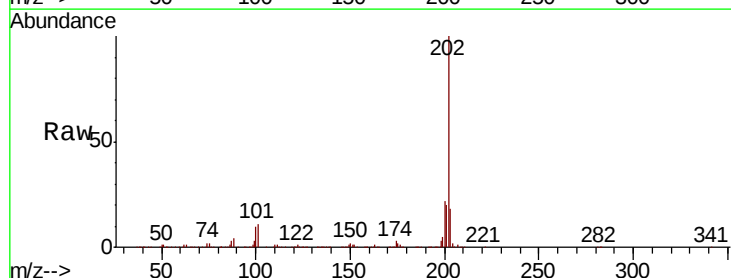
Tgt Ion:202 Resp: 779991

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.8

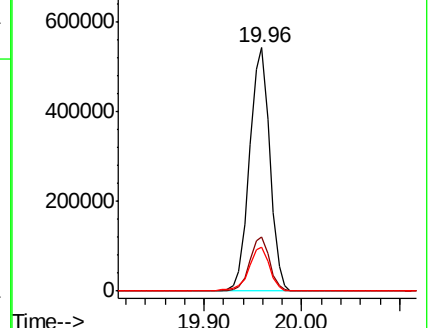
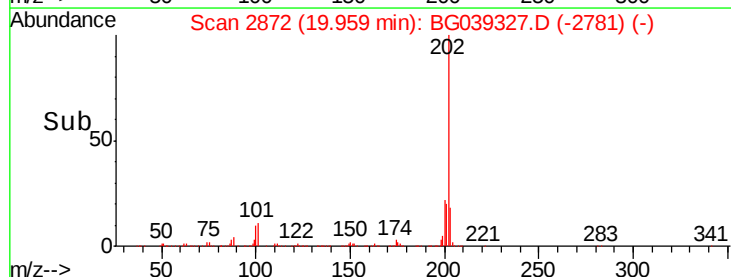
203 17.8 15.3 22.9

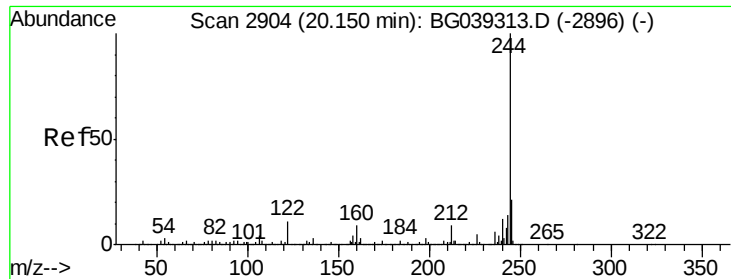


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.380 ng

RT: 20.15 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

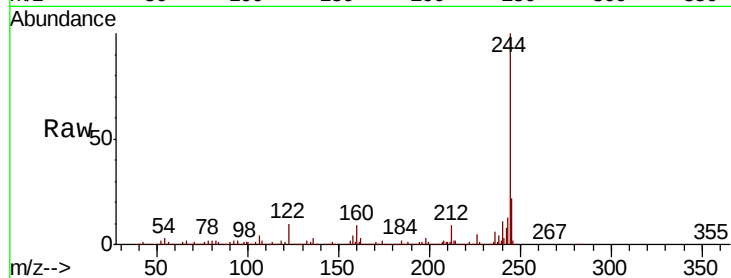
Tot Ion:244 Resp: 1121015

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

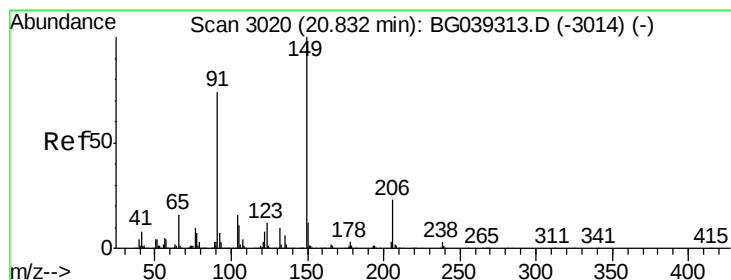
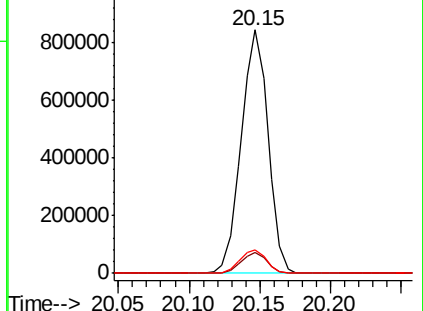
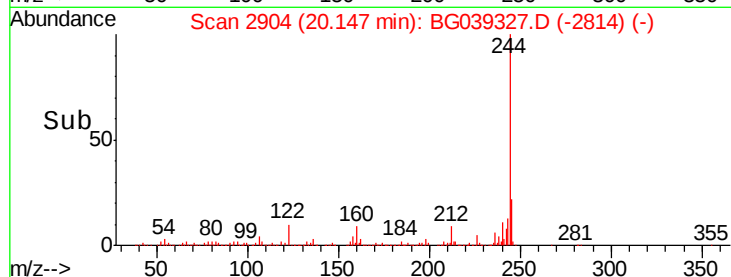
122 9.8 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.918 ng

RT: 20.83 min Scan# 3021

Delta R.T. 0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

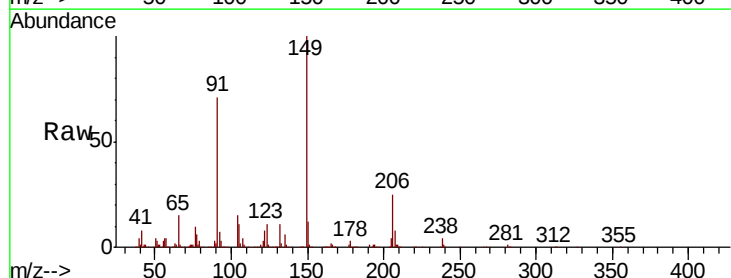
Tgt Ion:149 Resp: 332711

Ion Ratio Lower Upper

149 100

91 71.0 59.5 89.3

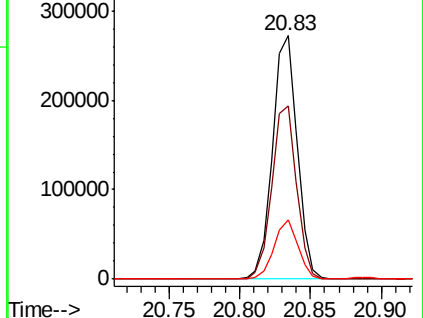
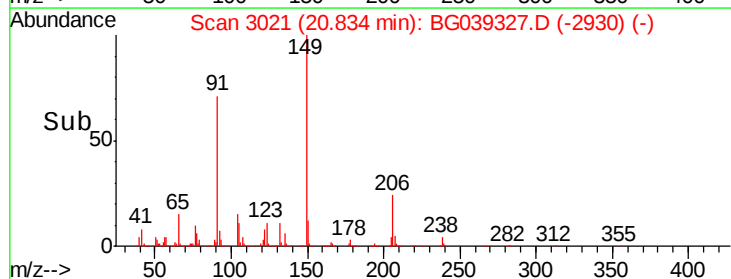
206 24.5 18.6 27.8

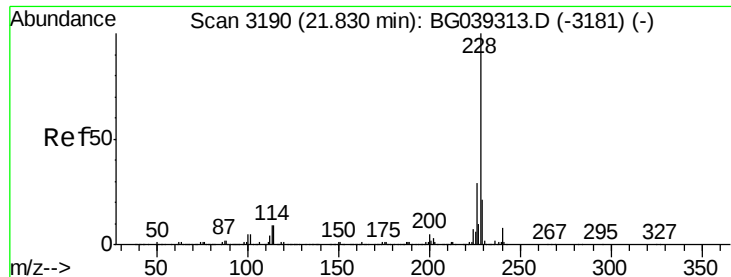


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.115 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampled :

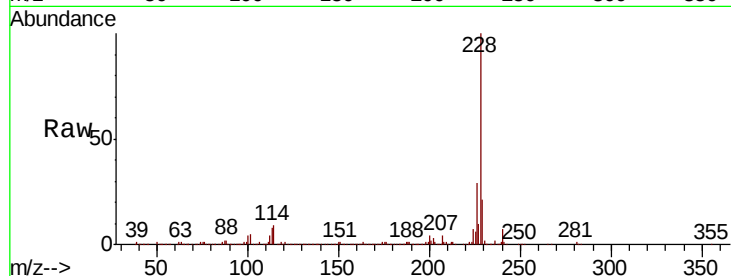
Tot Ion:228 Resp: 752073

Ion Ratio Lower Upper

228 100

226 28.6 23.0 34.6

229 20.9 16.9 25.3

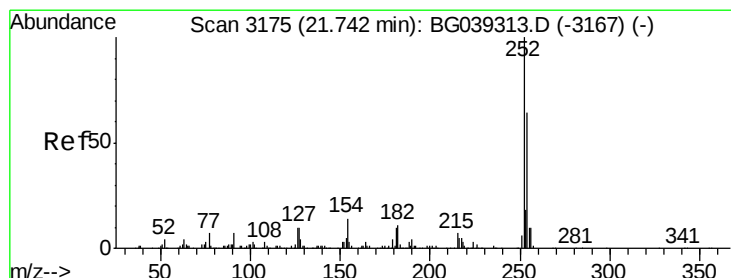
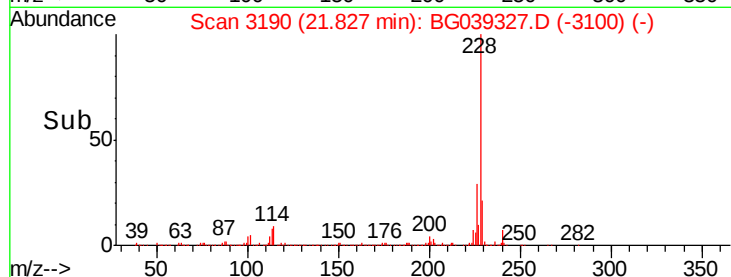
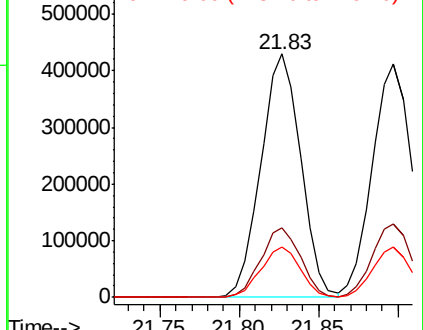


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.471 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

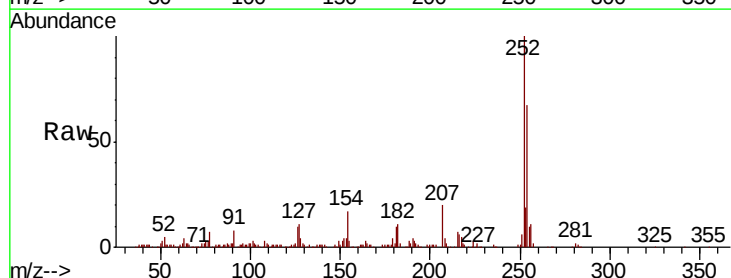
Tgt Ion:252 Resp: 151809

Ion Ratio Lower Upper

252 100

254 67.0 51.3 76.9

126 9.9 8.0 12.0

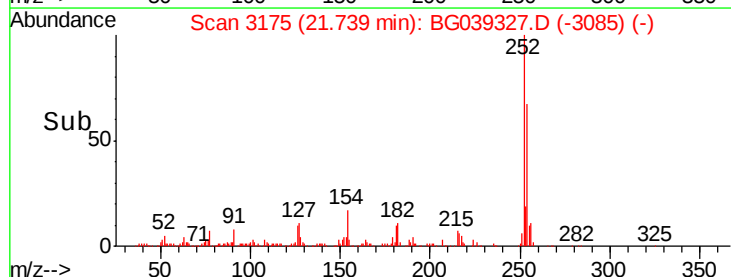
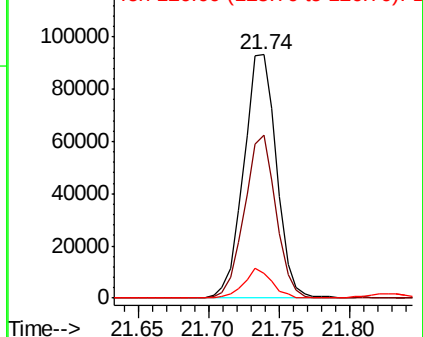


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.679 ng

RT: 21.90 min Scan# 3202

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

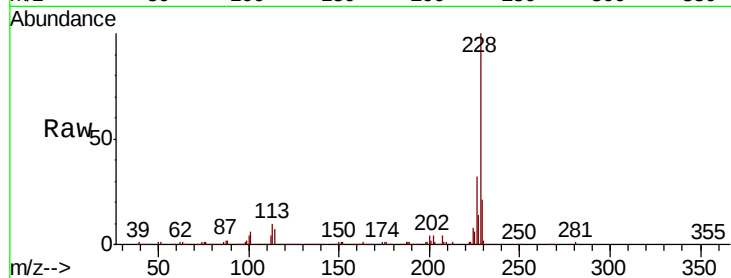
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 708694

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.8	38.6
229	21.5	16.6	25.0

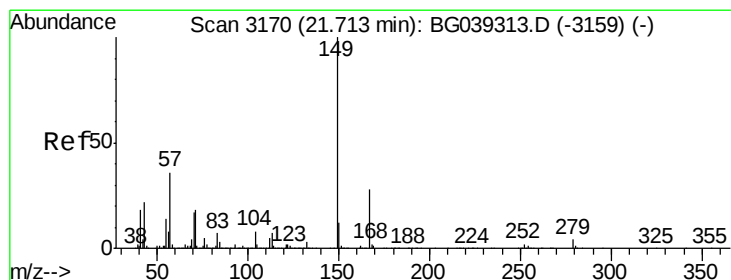
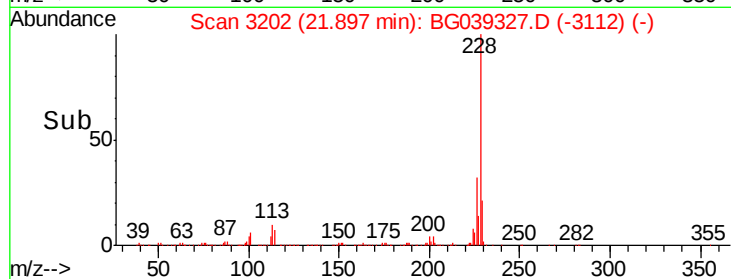
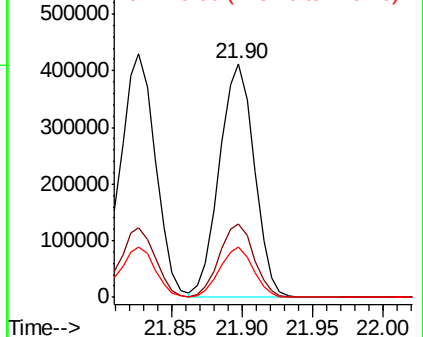


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.541 ng

RT: 21.71 min Scan# 3170

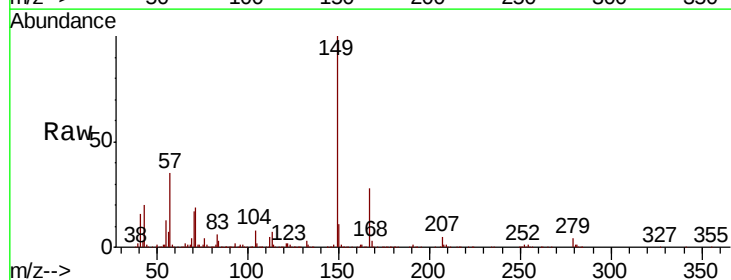
Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Tgt Ion:149 Resp: 459431

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	34.0
279	4.3	3.5	5.3

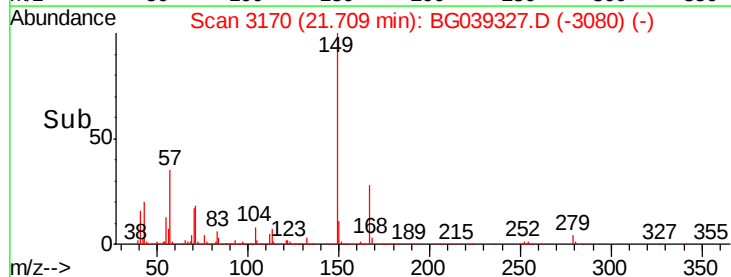
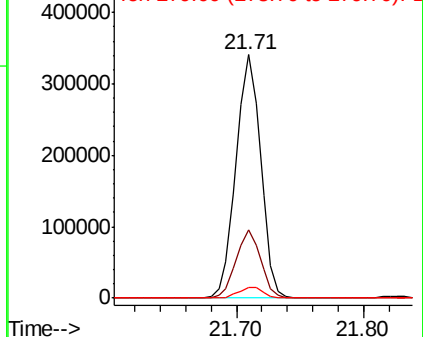


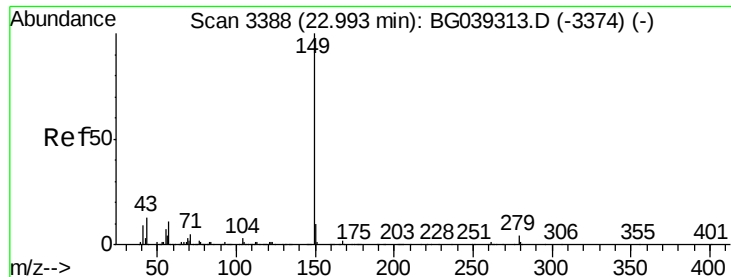
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.606 ng

RT: 22.98 min Scan# 3387

Delta R.T. -0.01 min

Lab File: BG039327.D

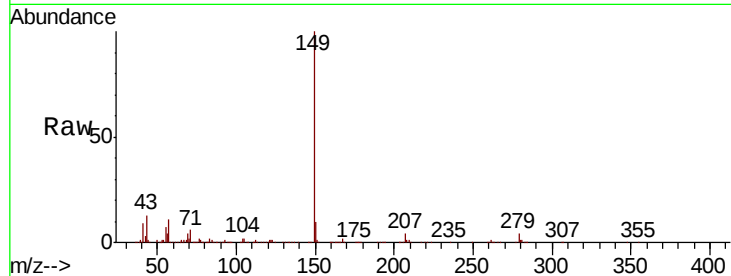
Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:149	Resp:	796755
Ion Ratio	Lower	Upper
149	100	
167	1.6	1.3 1.9
43	12.1	10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.98

400000

300000

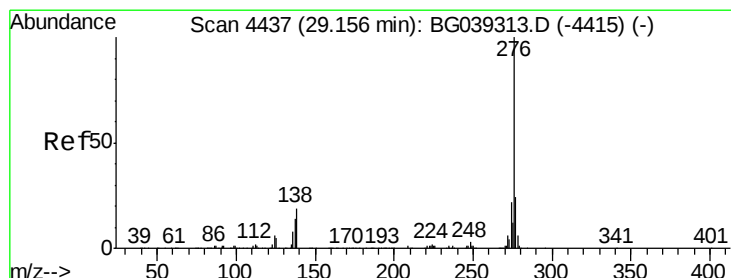
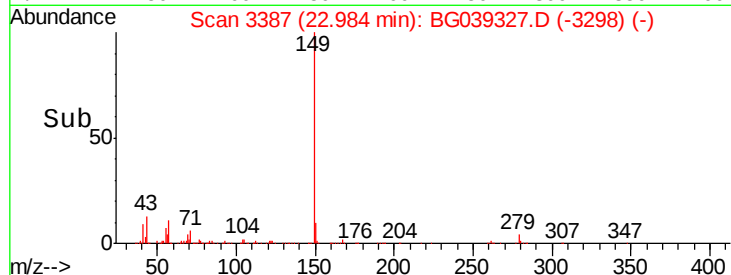
200000

100000

0

Time-->

22.90 23.00 23.10



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.542 ng

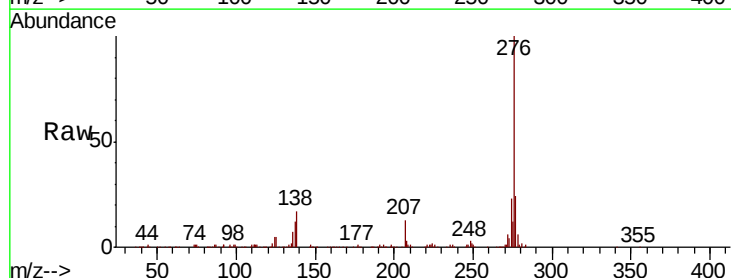
RT: 29.15 min Scan# 4436

Delta R.T. -0.01 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Tgt Ion:276	Resp:	829181
Ion Ratio	Lower	Upper
276	100	
138	14.5	12.6 19.0
277	25.8	20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

150000

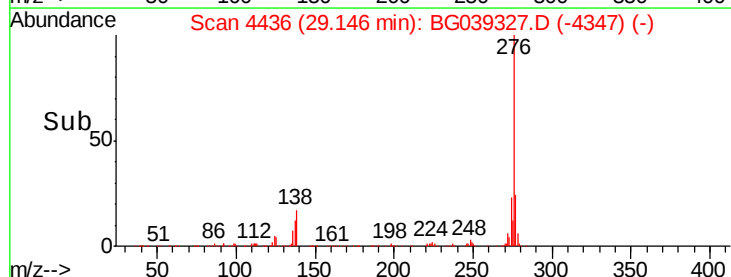
100000

50000

0

Time-->

29.00 29.20 29.40





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.24 min Scan# 3771

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

Instrument :

BNA_G

ClientSampleId :

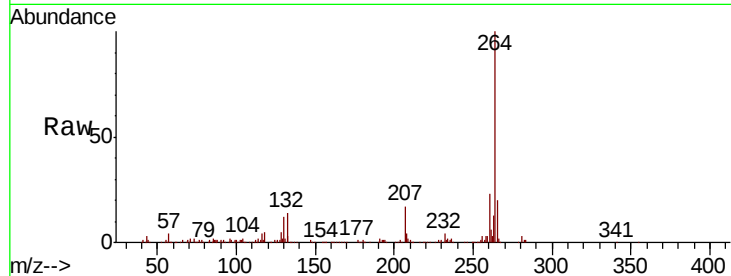
Tot Ion:264 Resp: 307922

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

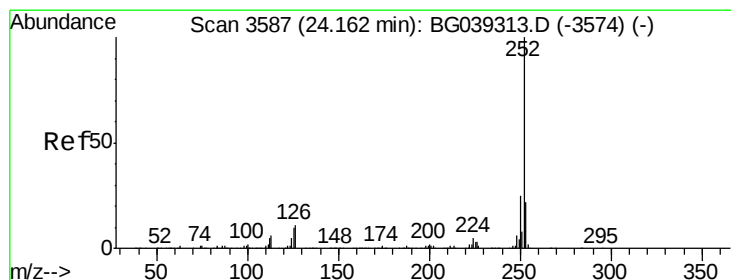
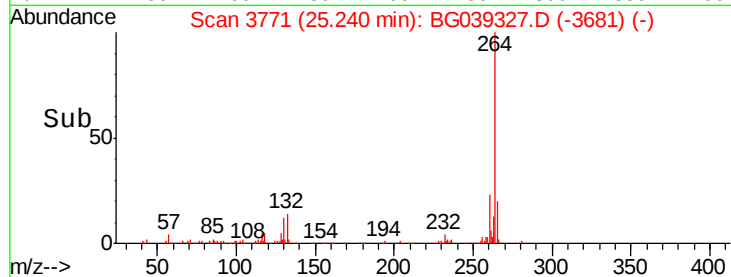
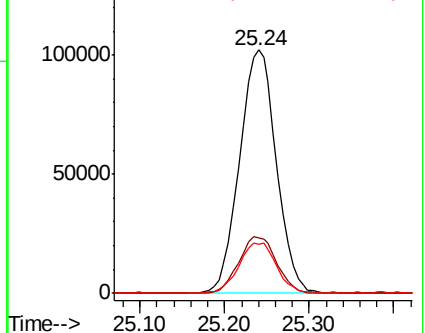
265 20.0 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.466 ng

RT: 24.16 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BG039327.D

Acq: 30 Jan 2019 14:33

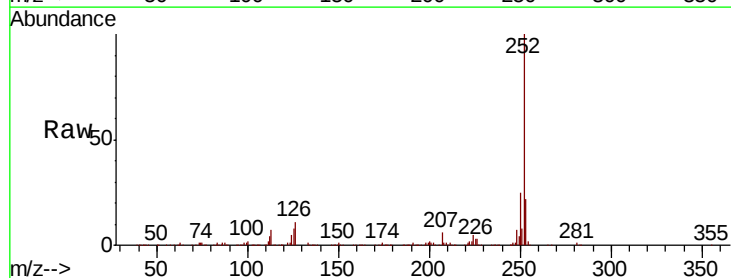
Tgt Ion:252 Resp: 746701

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

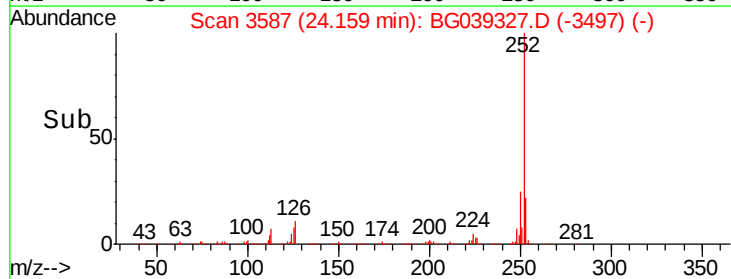
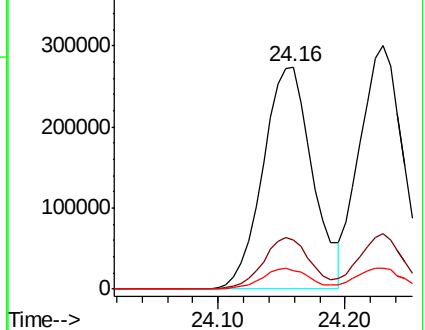
125 8.4 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

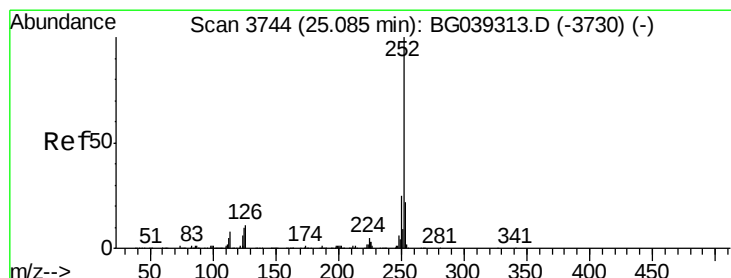
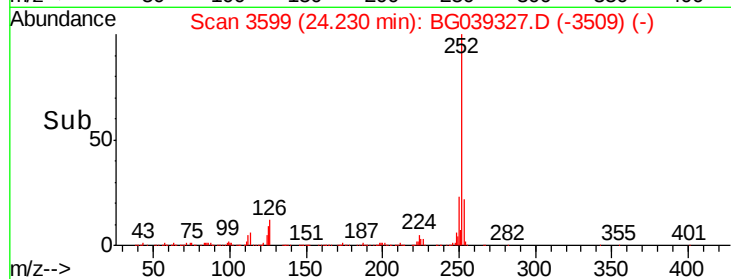
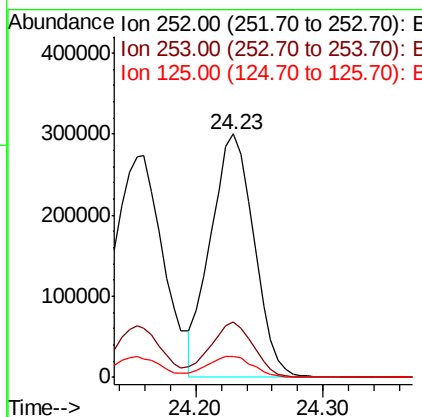
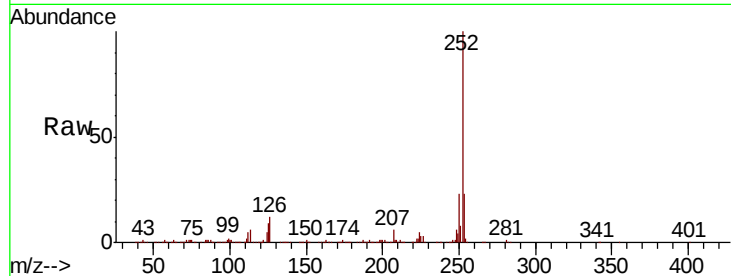




#89
Benzo(k)fluoranthene
Concen: 42.186 ng
RT: 24.23 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

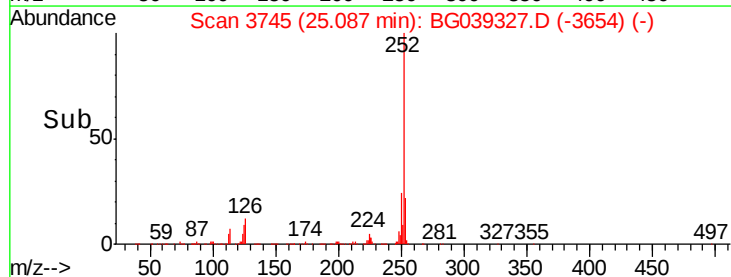
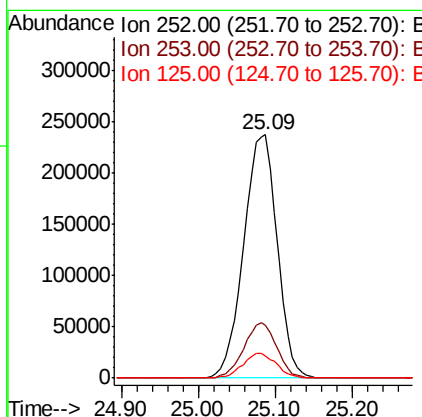
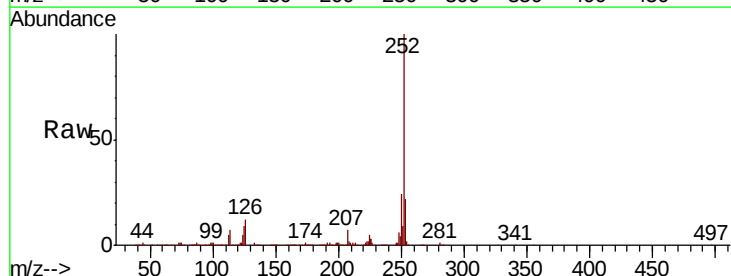
Instrument :
BNA_G
ClientSampleId :

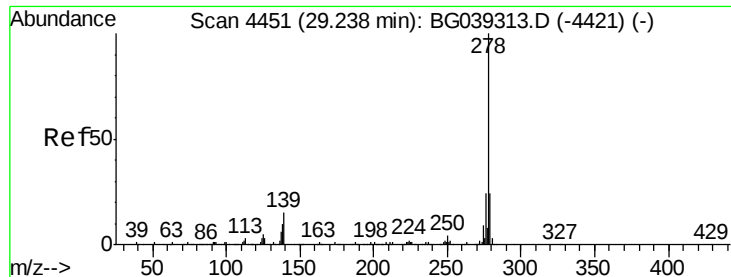
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	8.6	7.4	11.2



#90
Benzo(a)pyrene
Concen: 44.584 ng
RT: 25.09 min Scan# 3745
Delta R.T. 0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.2	8.3	12.5

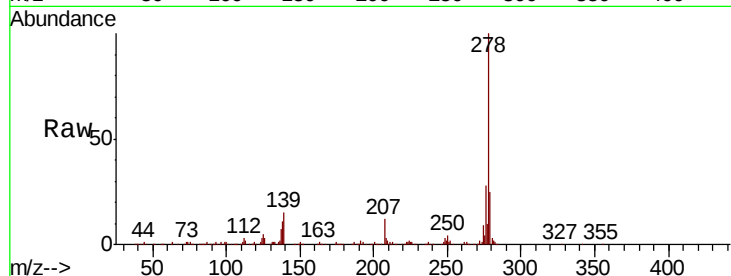




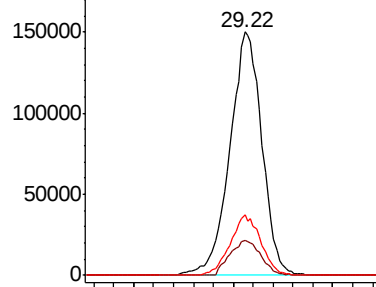
#91
Dibenzo(a,h)anthracene
Concen: 44.195 ng
RT: 29.22 min Scan# 4449
Delta R.T. -0.02 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Instrument :
BNA_G
ClientSampleId :

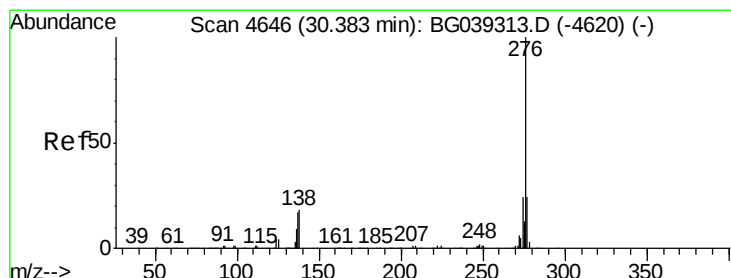
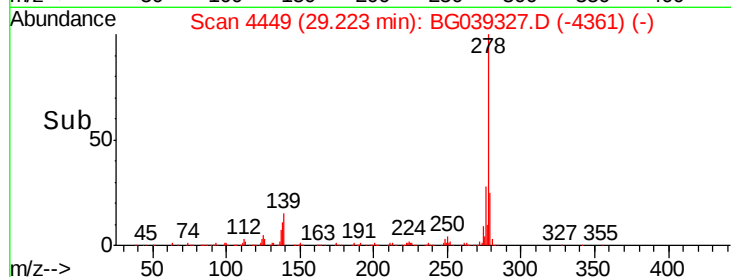
Tot Ion:278 Resp: 669356
Ion Ratio Lower Upper
278 100
139 14.5 11.7 17.5
279 24.8 19.1 28.7



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

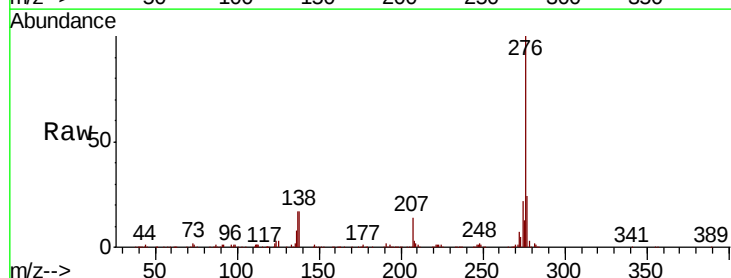


Time-->

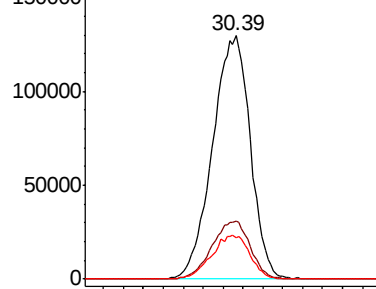


#92
Benzo(g,h,i)perylene
Concen: 45.204 ng
RT: 30.39 min Scan# 4647
Delta R.T. 0.00 min
Lab File: BG039327.D
Acq: 30 Jan 2019 14:33

Tgt Ion:276 Resp: 682397
Ion Ratio Lower Upper
276 100
277 23.7 19.6 29.4
138 16.8 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

