

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012919\
 Data File : BG039318.D
 Acq On : 29 Jan 2019 15:44
 Operator : JU/SJ
 Sample : PB116679BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BS

Quant Time: Jan 30 01:30:54 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	8.19	152	38468	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	168100	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	109922	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	276258	20.00	ng	0.00
76) Chrysene-d12	21.85	240	287480	20.00	ng	0.00
87) Perylene-d12	25.24	264	289233	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	202907	90.28	ng	0.00
7) Phenol-d6	7.32	99	294550	89.03	ng	0.00
23) Nitrobenzene-d5	9.36	82	229255	85.20	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	99588	84.13	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	600472	78.37	ng	0.00
79) Terphenyl-d14	20.15	244	905639	66.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	30150	30.666	ng	98
3) Pyridine	4.02	79	85958	33.022	ng	96
4) n-Nitrosodimethylamine	3.93	42	52585	40.394	ng	99
6) Aniline	7.51	93	104179	25.139	ng	96
8) 2-Chlorophenol	7.74	128	103027	41.935	ng	99
9) Benzaldehyde	7.32	77	81132	54.359	ng	99
10) Phenol	7.35	94	147200	42.682	ng	98
11) bis(2-Chloroethyl)ether	7.60	93	98863	36.278	ng	99
12) 1,3-Dichlorobenzene	8.07	146	105787	35.543	ng	96
13) 1,4-Dichlorobenzene	8.22	146	107418	36.210	ng	98
14) 1,2-Dichlorobenzene	8.54	146	100368	34.949	ng	98
15) Benzyl Alcohol	8.42	79	102747	39.558	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	213715	34.727	ng	98
17) 2-Methylphenol	8.61	107	92221	41.321	ng	97
18) Hexachloroethane	9.27	117	38569	37.790	ng	91
19) n-Nitroso-di-n-propylamine	8.99	70	81541	34.725	ng	# 98
20) 3+4-Methylphenols	8.94	107	129438	42.117	ng	96
22) Acetophenone	9.02	105	152671	33.811	ng	# 97
24) Nitrobenzene	9.40	77	116088	39.934	ng	94
25) Isophorone	9.92	82	233894	39.225	ng	99
26) 2-Nitrophenol	10.11	139	45627	42.008	ng	96
27) 2,4-Dimethylphenol	10.15	122	111351	46.163	ng	93
28) bis(2-Chloroethoxy)methane	10.40	93	141340	38.483	ng	98
29) 2,4-Dichlorophenol	10.64	162	111641	42.348	ng	96
30) 1,2,4-Trichlorobenzene	10.86	180	106676	36.042	ng	99
31) Naphthalene	11.06	128	319389	38.299	ng	99
32) Benzoic acid	10.26	122	62833	41.325	ng	90
33) 4-Chloroaniline	11.17	127	61555	15.919	ng	96
34) Hexachlorobutadiene	11.32	225	67523	34.305	ng	98
35) Caprolactam	11.95	113	22235	20.382	ng	94
36) 4-Chloro-3-methylphenol	12.26	107	124484	40.830	ng	97
37) 2-Methylnaphthalene	12.65	142	247828	40.124	ng	99
38) 1-Methylnaphthalene	12.87	142	234313	39.354	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	129285	36.966	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012919\
 Data File : BG039318.D
 Acq On : 29 Jan 2019 15:44
 Operator : JU/SJ
 Sample : PB116679BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BS

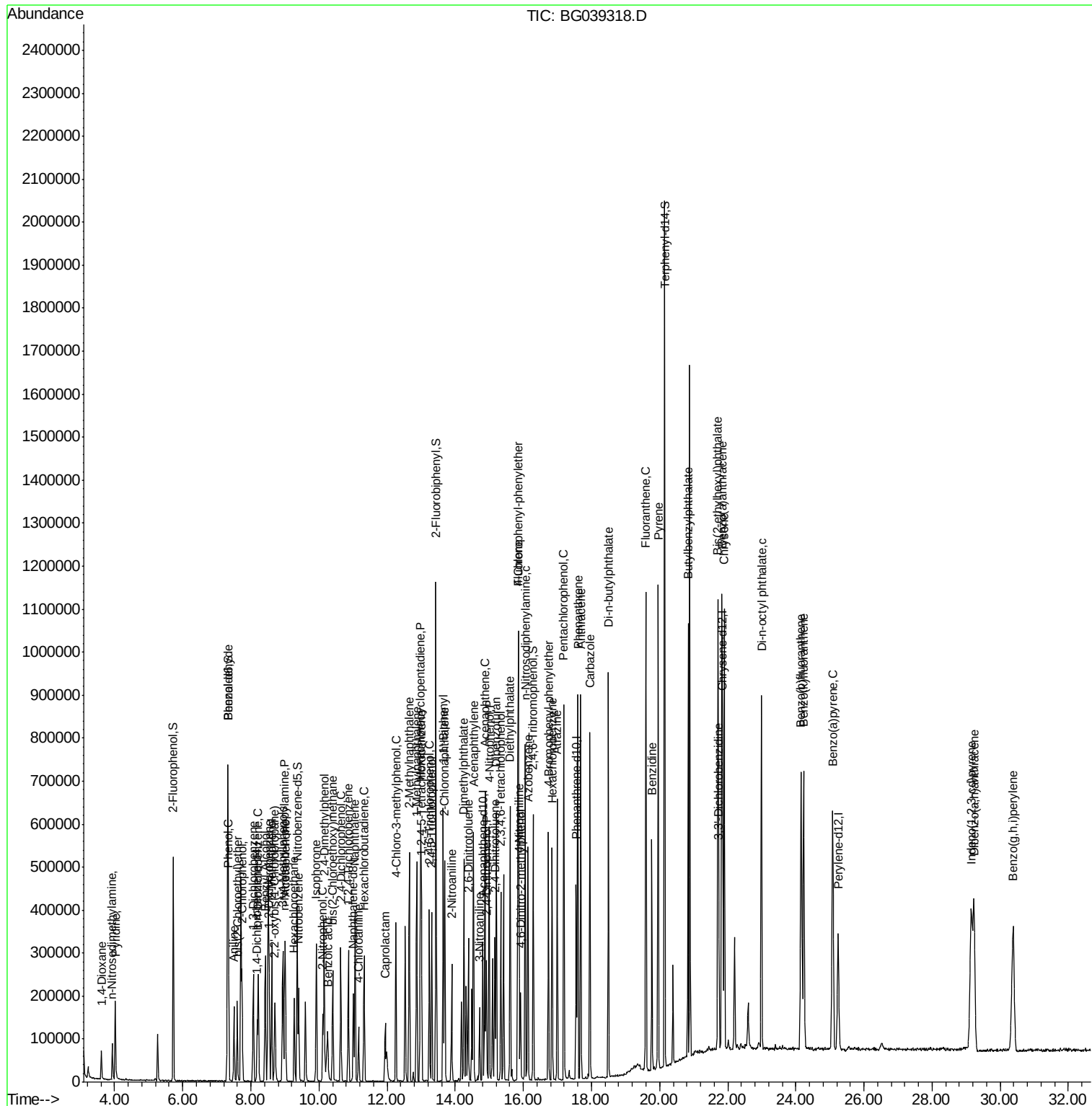
Quant Time: Jan 30 01:30:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

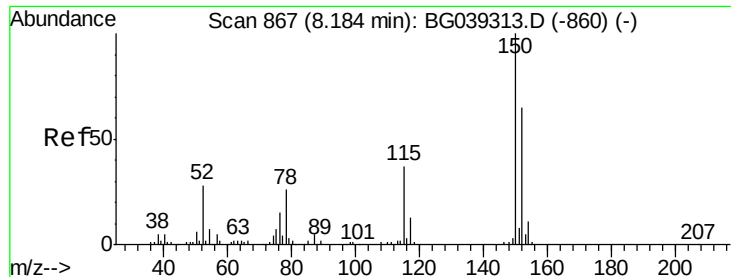
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	167706	87.998	ng	98
43) 2,4,6-Trichlorophenol	13.24	196	90529	42.099	ng	97
44) 2,4,5-Trichlorophenol	13.31	196	98563	43.732	ng	96
46) 1,1'-Biphenyl	13.64	154	334378	36.561	ng	99
47) 2-Chloronaphthalene	13.69	162	251037	36.487	ng	99
48) 2-Nitroaniline	13.90	65	77491	40.727	ng	96
49) Acenaphthylene	14.54	152	412302	39.715	ng	99
50) Dimethylphthalate	14.26	163	341730	38.493	ng	100
51) 2,6-Dinitrotoluene	14.38	165	67650	41.760	ng	98
52) Acenaphthene	14.87	154	253761	37.656	ng	99
53) 3-Nitroaniline	14.71	138	36755	23.845	ng	95
54) 2,4-Dinitrophenol	14.91	184	55379	76.917	ng	95
55) Dibenzofuran	15.21	168	411643	38.098	ng	99
56) 4-Nitrophenol	15.00	139	131866	81.995	ng	95
57) 2,4-Dinitrotoluene	15.17	165	90938	43.637	ng	# 96
58) Fluorene	15.85	166	327417	40.650	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	93577	44.344	ng	92
60) Diethylphthalate	15.61	149	355935	38.777	ng	98
61) 4-Chlorophenyl-phenylether	15.84	204	166812	36.576	ng	97
62) 4-Nitroaniline	15.88	138	75274	41.097	ng	93
63) Azobenzene	16.13	77	331391	36.938	ng	99
65) 4,6-Dinitro-2-methylphenol	15.92	198	42586	41.492	ng	96
66) n-Nitrosodiphenylamine	16.05	169	304485	36.248	ng	98
67) 4-Bromophenyl-phenylether	16.73	248	110242	35.971	ng	99
68) Hexachlorobenzene	16.85	284	110416	35.909	ng	92
69) Atrazine	17.00	200	120582	39.281	ng	98
70) Pentachlorophenol	17.19	266	149178	69.804	ng	99
71) Phenanthrene	17.60	178	560836	39.224	ng	99
72) Anthracene	17.69	178	575020	40.828	ng	99
73) Carbazole	17.96	167	520710	37.047	ng	99
74) Di-n-butylphthalate	18.50	149	644721	39.318	ng	100
75) Fluoranthene	19.59	202	686893	41.389	ng	99
77) Benzidine	19.77	184	290304	30.801	ng	97
78) Pyrene	19.96	202	697579	38.979	ng	98
80) Butylbenzylphthalate	20.83	149	300019	39.741	ng	97
81) Benzo(a)anthracene	21.83	228	680118	40.038	ng	98
82) 3,3'-Dichlorobenzidine	21.74	252	119931	19.041	ng	99
83) Chrysene	21.90	228	640653	39.618	ng	99
84) Bis(2-ethylhexyl)phthalate	21.71	149	407192	37.807	ng	99
85) Di-n-octyl phthalate	22.99	149	711021	39.960	ng	99
86) Indeno(1,2,3-cd)pyrene	29.15	276	725159	41.797	ng	99
88) Benzo(b)fluoranthene	24.15	252	663736	42.079	ng	98
89) Benzo(k)fluoranthene	24.23	252	627149	39.602	ng	99
90) Benzo(a)pyrene	25.08	252	633128	41.678	ng	98
91) Dibenzo(a,h)anthracene	29.23	278	585663	41.167	ng	99
92) Benzo(g,h,i)perylene	30.37	276	597040	42.105	ng	100

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

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012919\  
Data File : BG039318.D  
Acq On    : 29 Jan 2019   15:44  
Operator  : JU/SJ  
Sample    : PB116679BS  
Misc      :  
ALS Vial  : 10      Sample Multiplier: 1
```

Quant Time: Jan 30 01:30:54 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



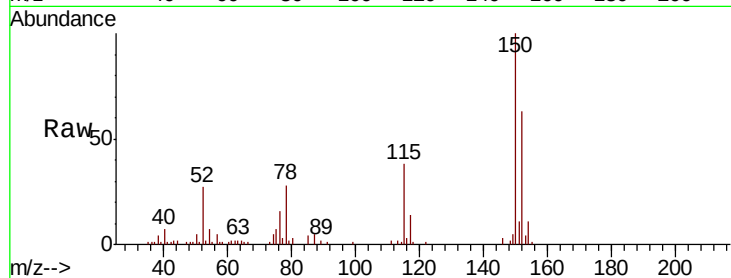


#1

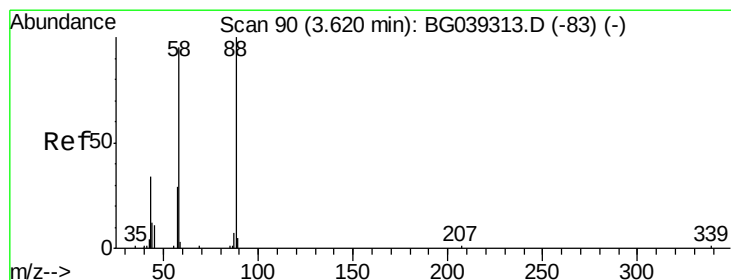
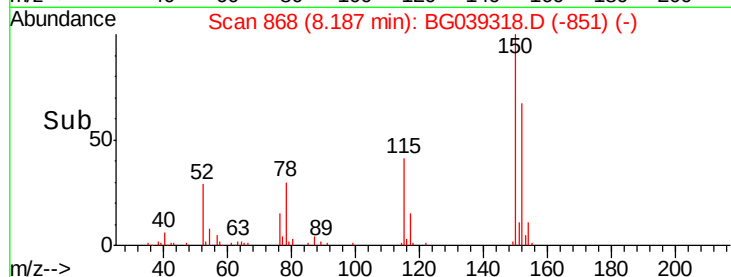
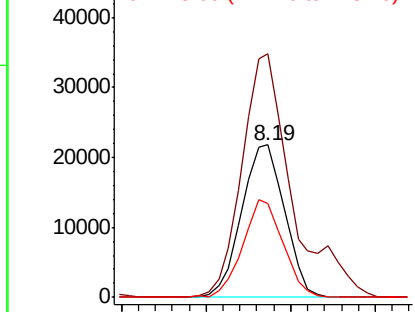
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Instrument :
BNA_G
ClientSampleId :
PB116679BS

Tgt Ion:152 Resp: 38468
Ion Ratio Lower Upper
152 100
150 159.6 123.7 185.5
115 61.2 45.9 68.9



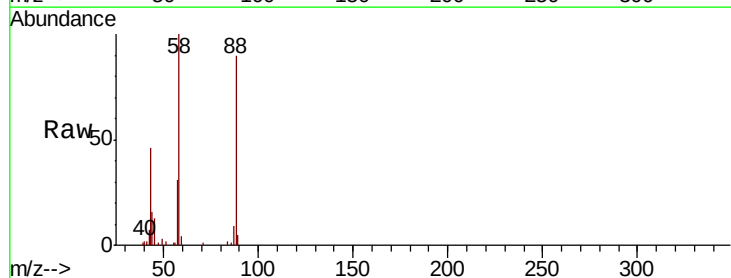
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



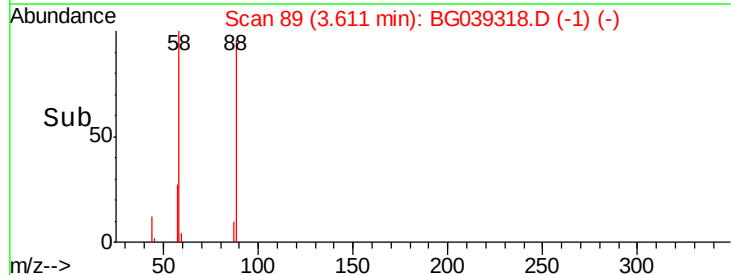
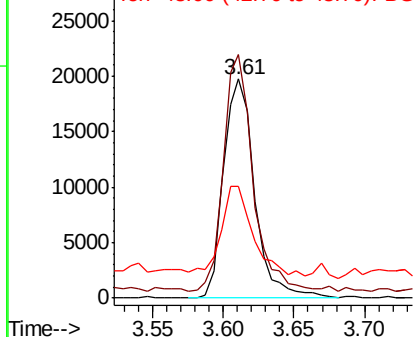
#2

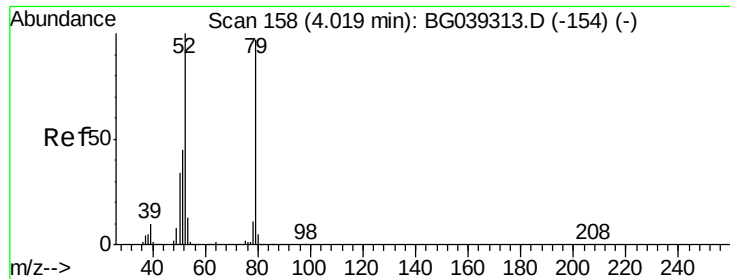
1,4-Dioxane
Concen: 30.666 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Tgt Ion: 88 Resp: 30150
Ion Ratio Lower Upper
88 100
58 103.1 81.1 121.7
43 41.1 31.4 47.0



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





#3

Pyridine

Concen: 33.022 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

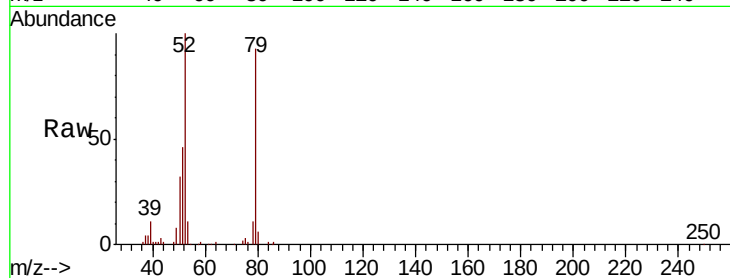
Tgt Ion: 79 Resp: 85958

Ion Ratio Lower Upper

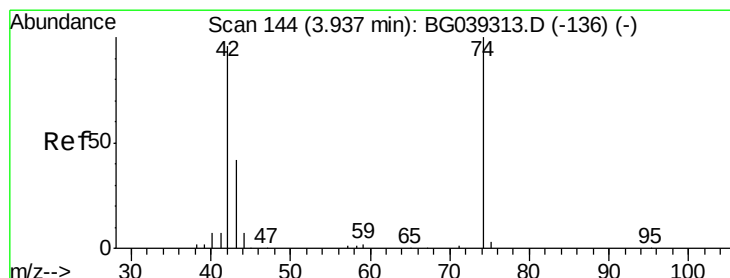
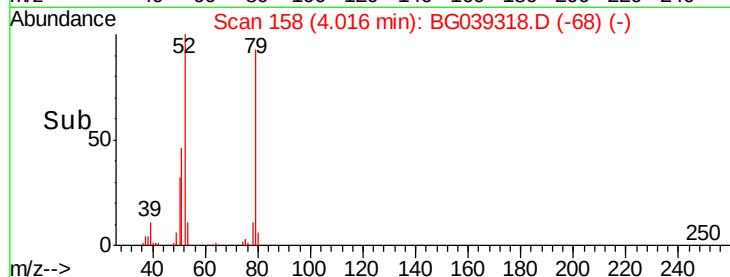
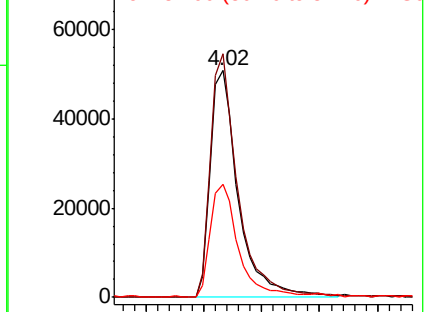
79 100

52 107.5 82.6 124.0

51 49.8 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 40.394 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

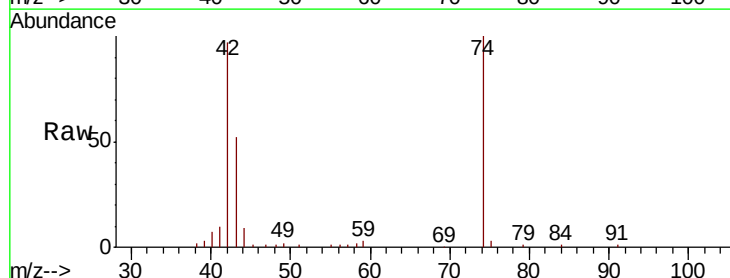
Tgt Ion: 42 Resp: 52585

Ion Ratio Lower Upper

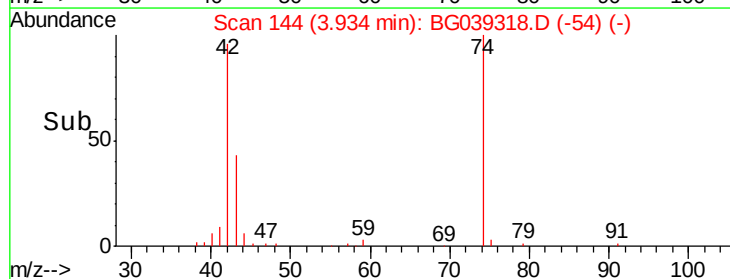
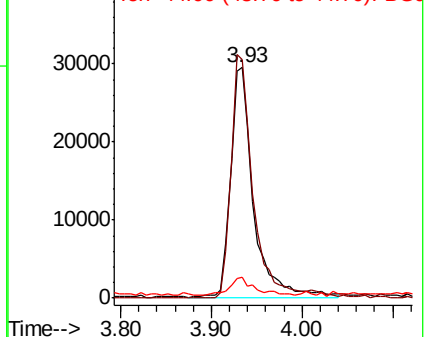
42 100

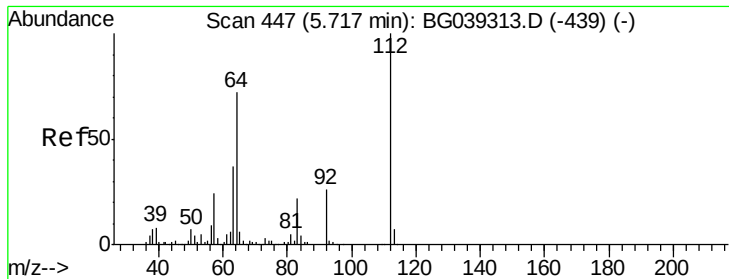
74 103.6 83.6 125.4

44 9.0 6.9 10.3



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





#5

2-Fluorophenol

Concen: 90.277 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

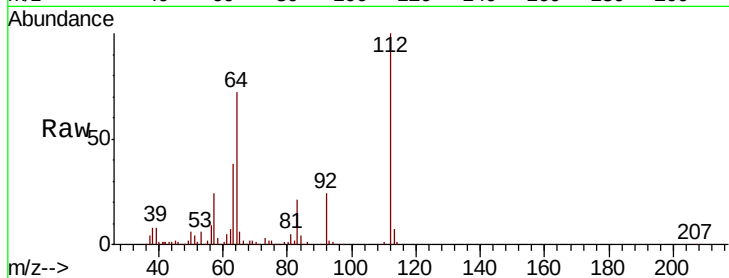
Tgt Ion: 112 Resp: 202907

Ion Ratio Lower Upper

112 100

64 72.5 57.8 86.8

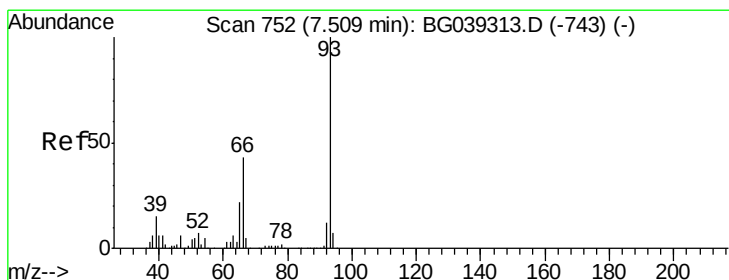
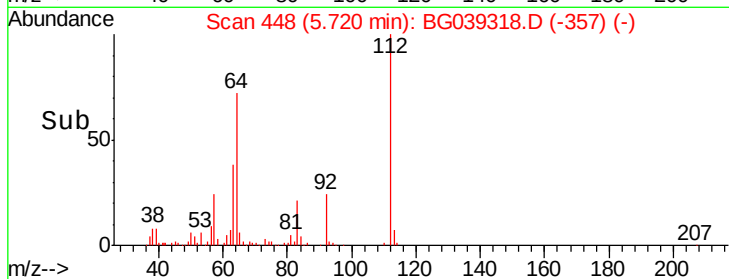
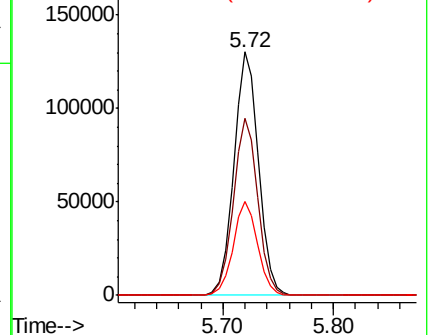
63 38.3 29.8 44.6



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: 25.139 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

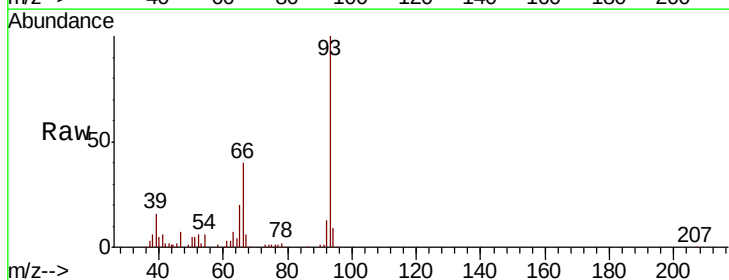
Tgt Ion: 93 Resp: 104179

Ion Ratio Lower Upper

93 100

66 39.7 34.2 51.4

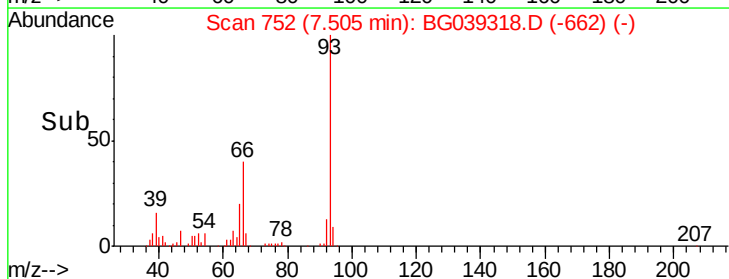
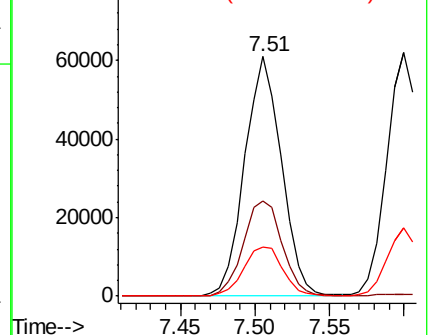
65 20.5 17.7 26.5

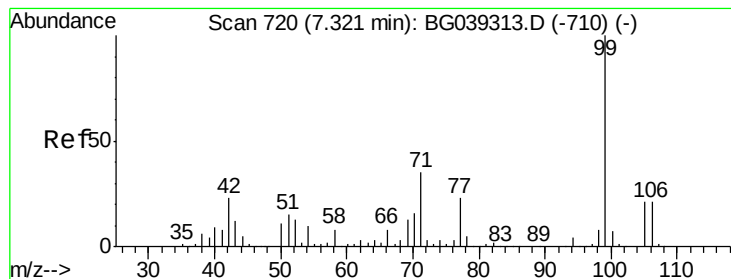


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 89.031 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

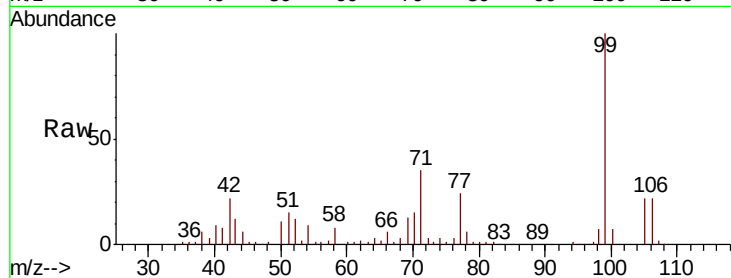
Tgt Ion: 99 Resp: 294550

Ion Ratio Lower Upper

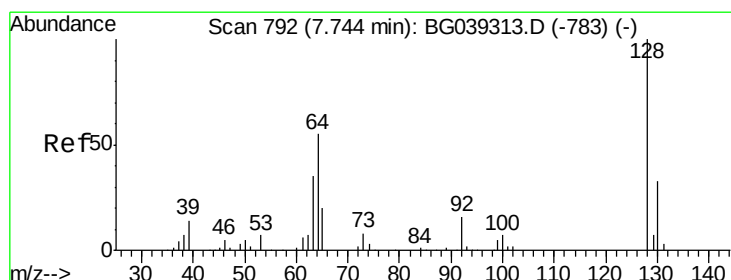
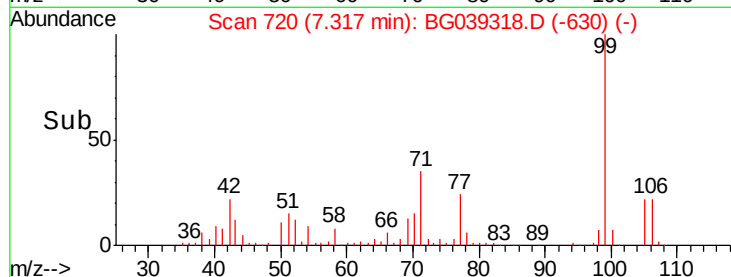
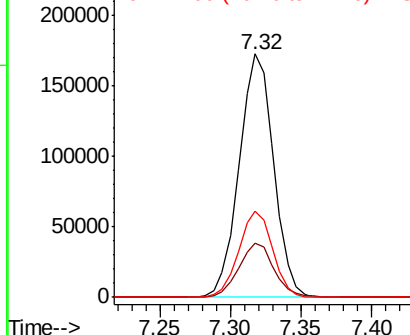
99 100

42 22.2 18.2 27.2

71 35.4 28.0 42.0



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



#8

2-Chlorophenol

Concen: 41.935 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

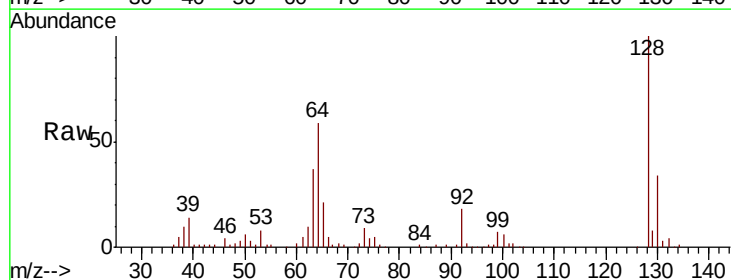
Tgt Ion: 128 Resp: 103027

Ion Ratio Lower Upper

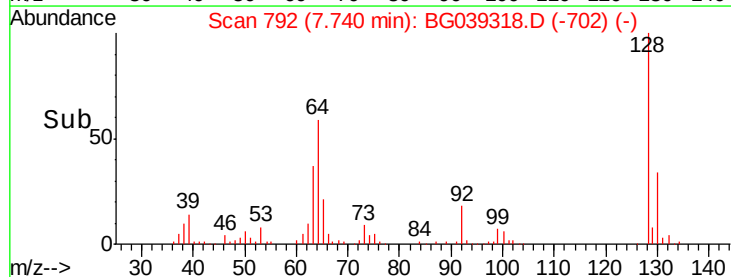
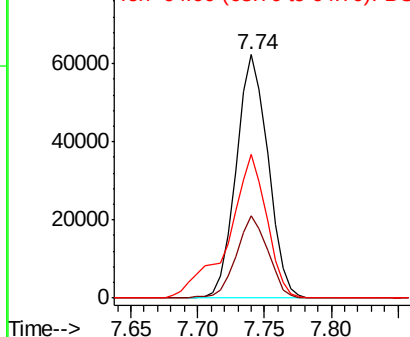
128 100

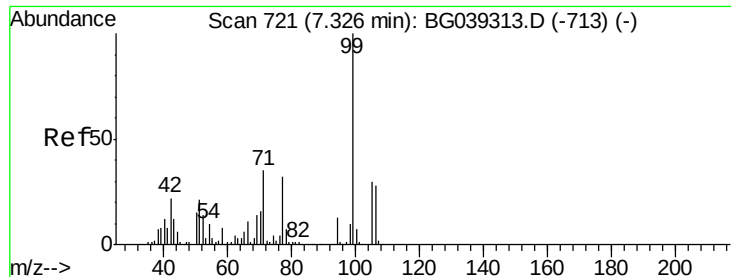
130 33.9 12.9 52.9

64 59.2 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: 54.359 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

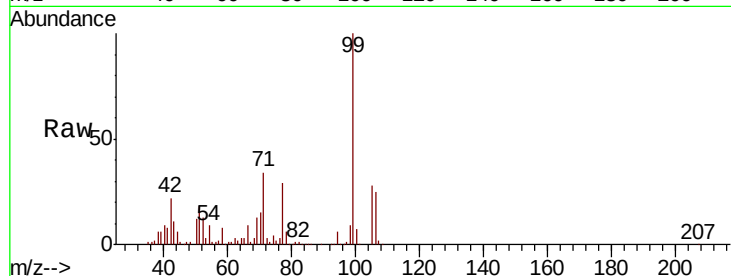
Tgt Ion: 77 Resp: 81132

Ion Ratio Lower Upper

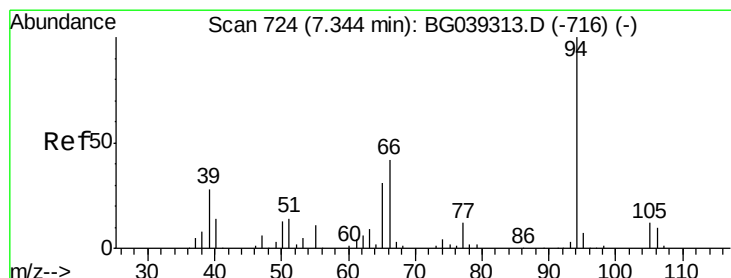
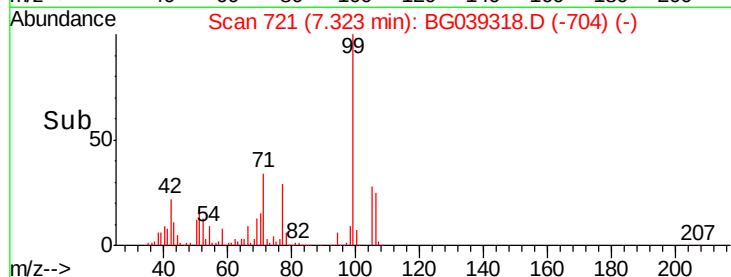
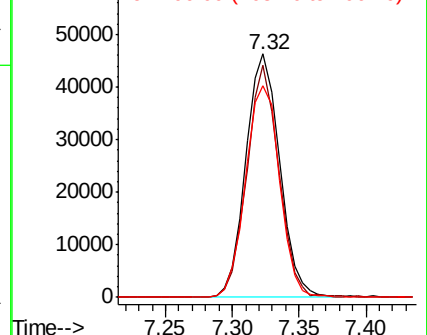
77 100

105 95.3 74.5 114.5

106 86.7 68.0 108.0



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



#10

Phenol

Concen: 42.682 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

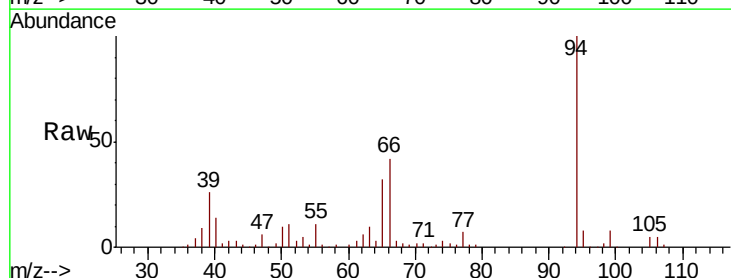
Tgt Ion: 94 Resp: 147200

Ion Ratio Lower Upper

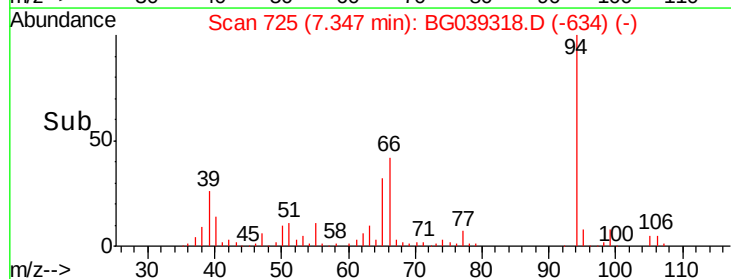
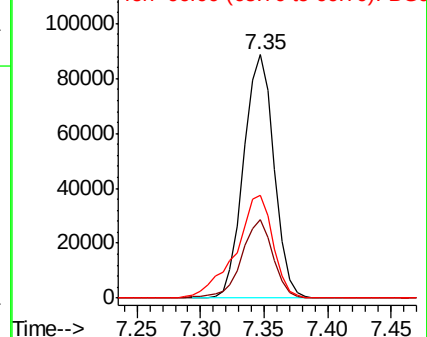
94 100

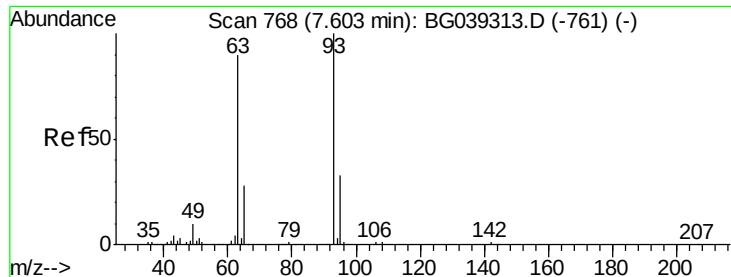
65 32.3 11.7 51.7

66 42.0 23.7 63.7



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





#11

bis(2-Chloroethyl)ether

Concen: 36.278 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

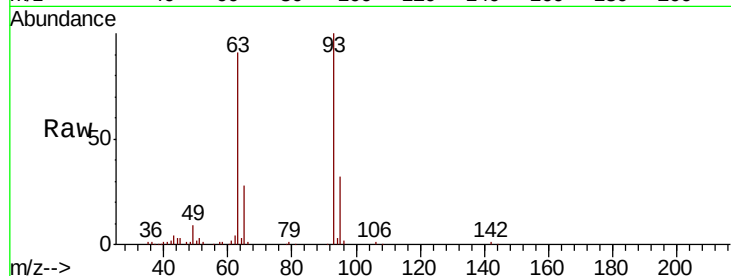
Tgt Ion: 93 Resp: 98863

Ion Ratio Lower Upper

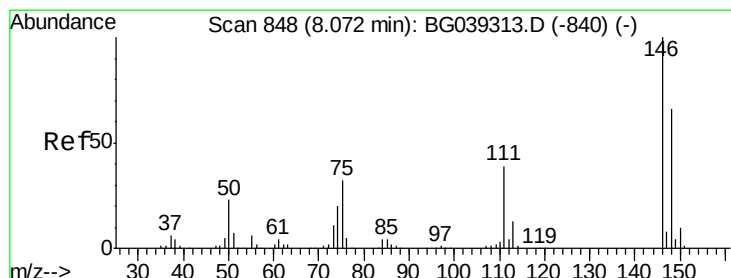
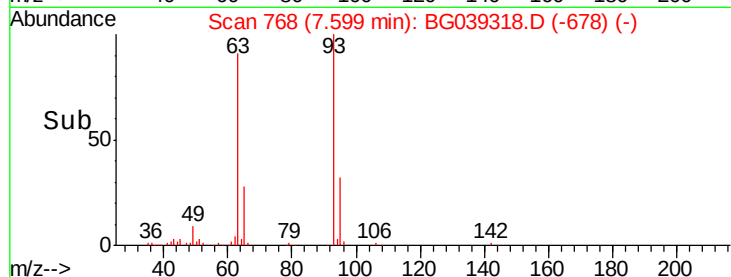
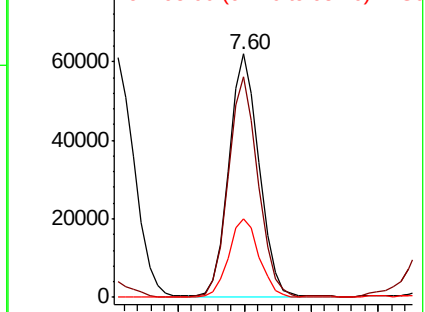
93 100

63 90.8 69.5 109.5

95 32.4 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 35.543 ng

RT: 8.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

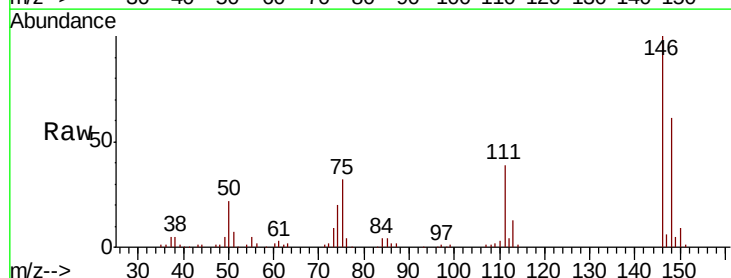
Tgt Ion: 146 Resp: 105787

Ion Ratio Lower Upper

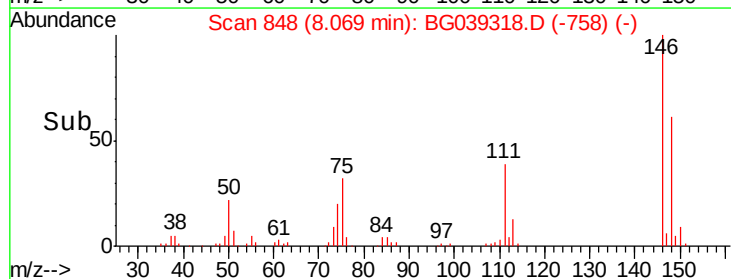
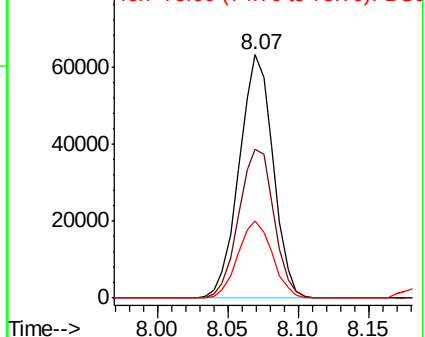
146 100

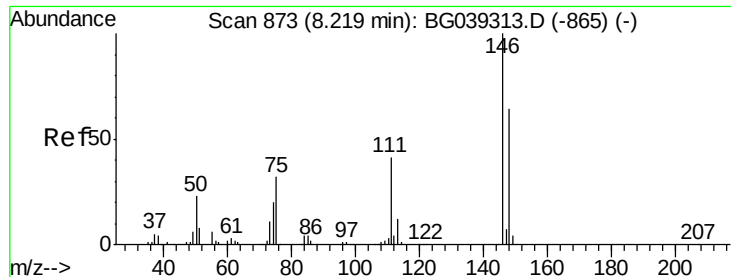
148 61.3 52.6 79.0

75 31.7 25.8 38.6



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

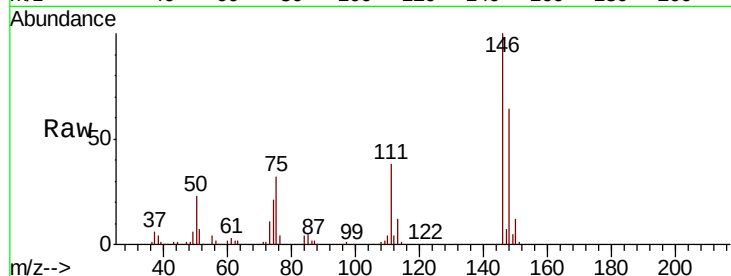




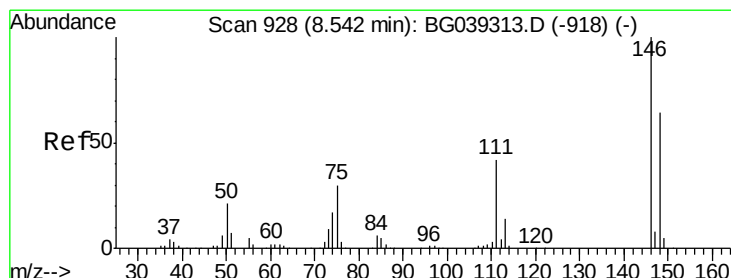
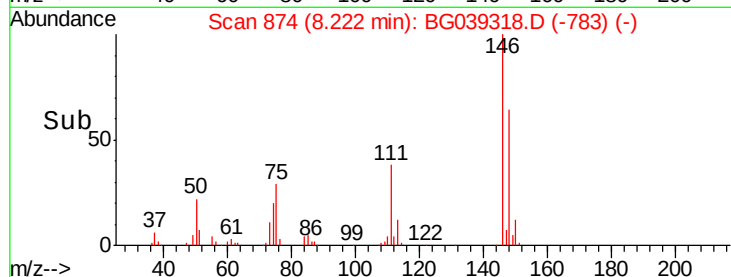
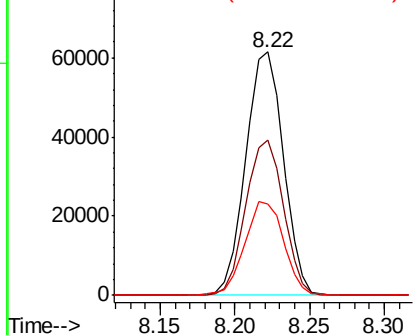
#13
 1,4-Dichlorobenzene
 Concen: 36.210 ng
 RT: 8.22 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BS

Tgt Ion:146 Resp: 107418
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 37.6 32.6 48.8

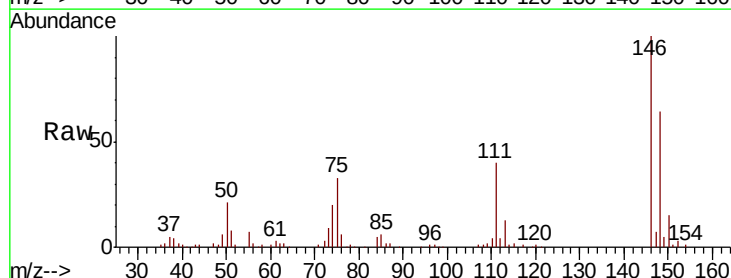


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

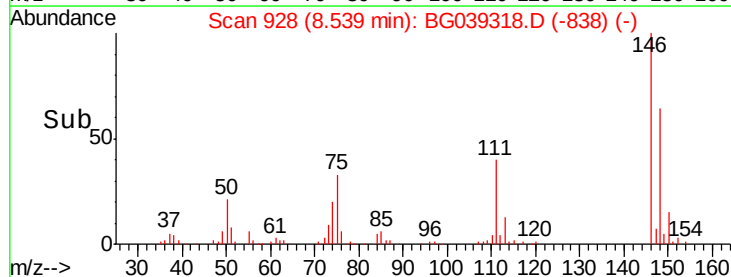
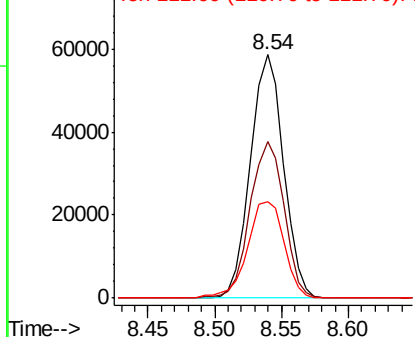


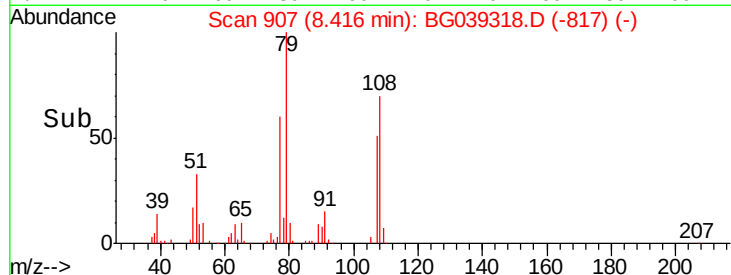
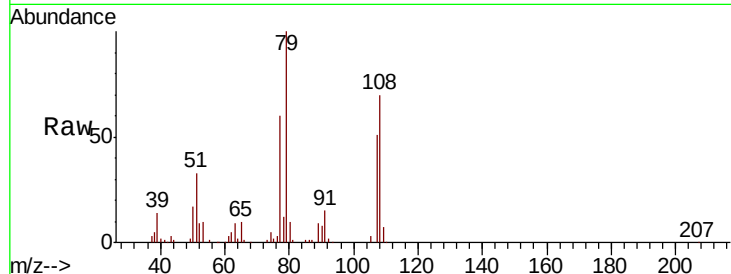
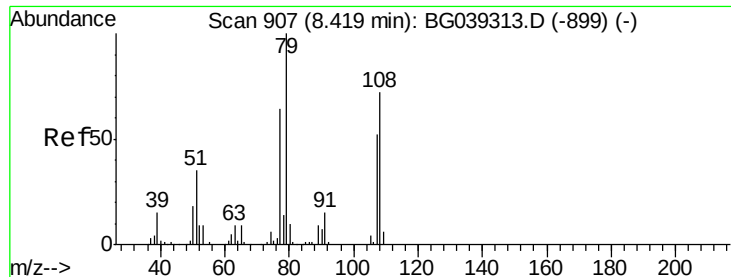
#14
 1,2-Dichlorobenzene
 Concen: 34.949 ng
 RT: 8.54 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Tgt Ion:146 Resp: 100368
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 39.6 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 39.558 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

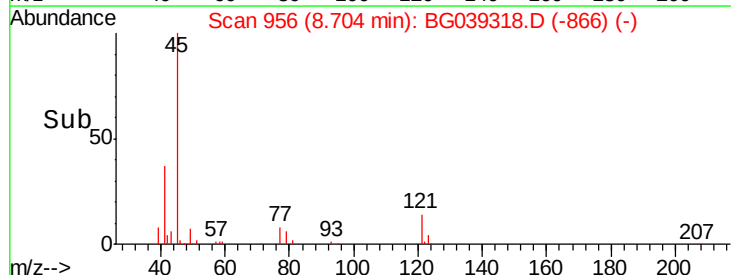
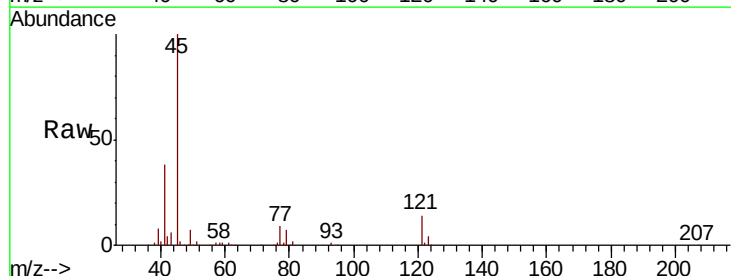
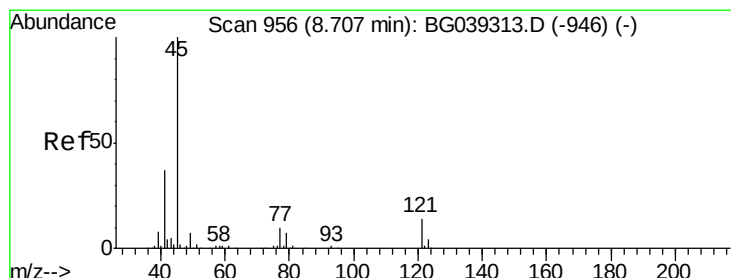
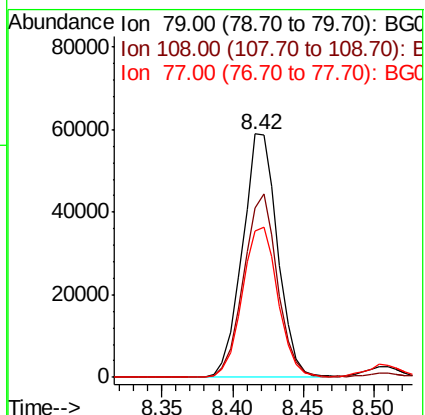
Tgt Ion: 79 Resp: 102747

Ion Ratio Lower Upper

79 100

108 69.8 57.8 86.6

77 60.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.727 ng

RT: 8.70 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

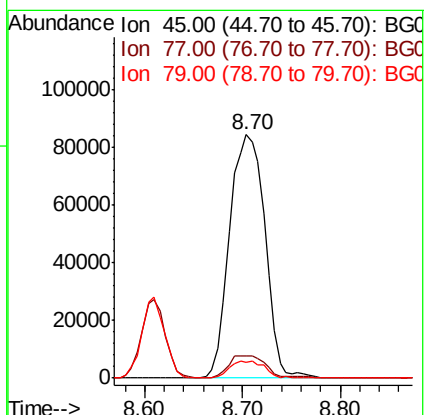
Tgt Ion: 45 Resp: 213715

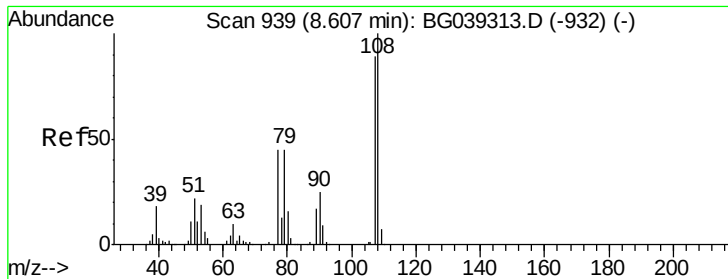
Ion Ratio Lower Upper

45 100

77 9.2 0.0 30.0

79 6.5 0.0 27.5

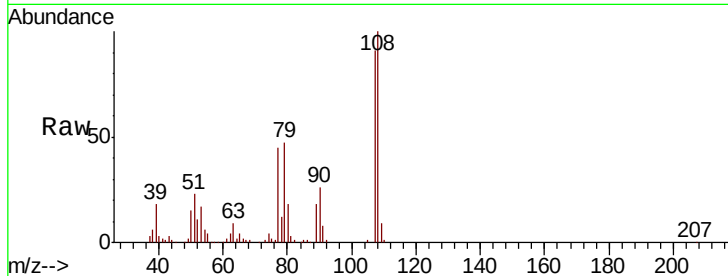




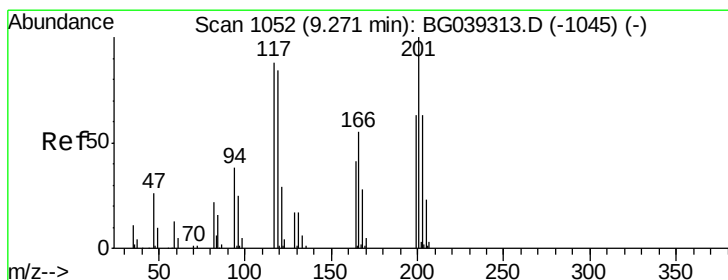
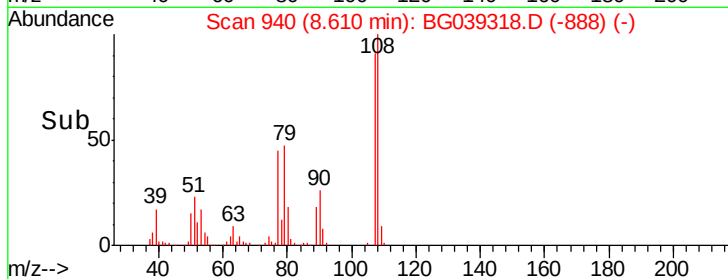
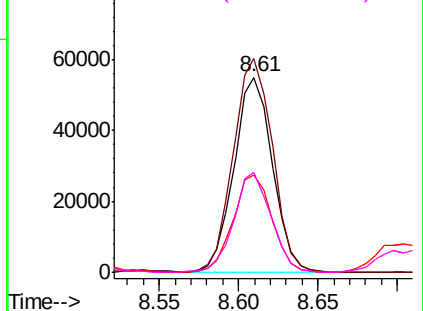
#17
2-Methylphenol
Concen: 41.321 ng
RT: 8.61 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Instrument :
BNA_G
ClientSampleId :
PB116679BS

Tgt Ion:	107	Resp:	92221
Ion	Ratio	Lower	Upper
107	100		
108	109.7	90.8	136.2
77	49.7	40.7	61.1
79	51.5	40.6	60.8

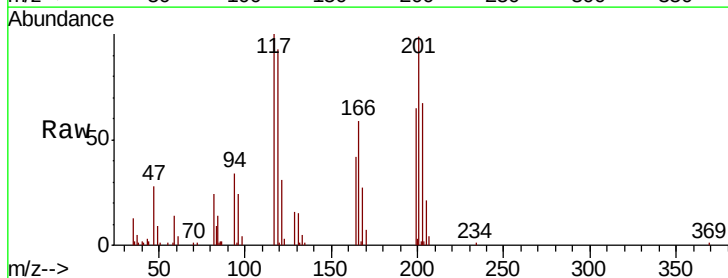


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

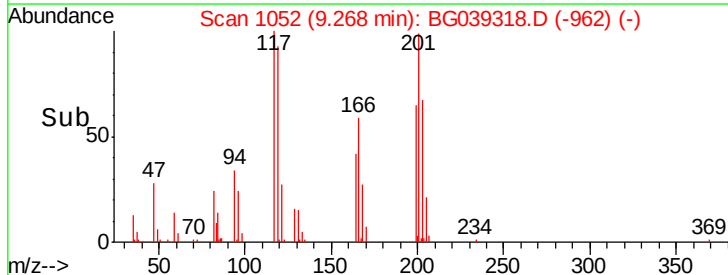
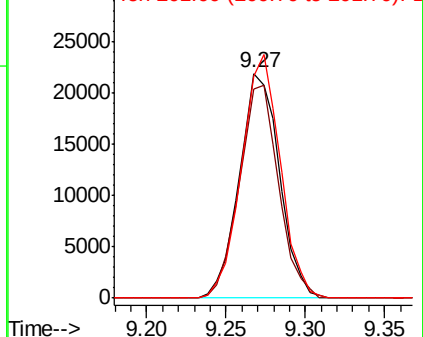


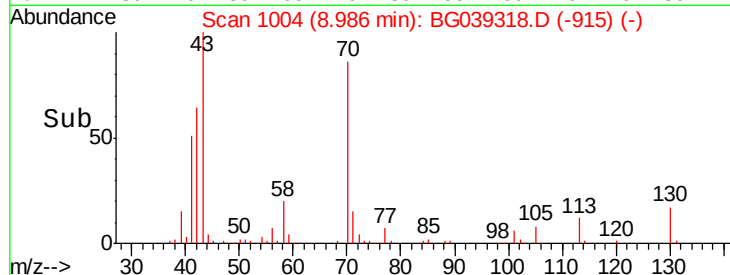
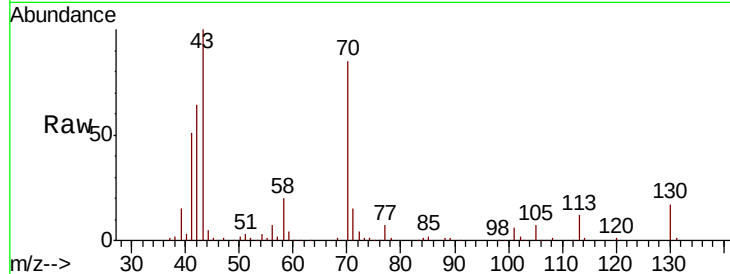
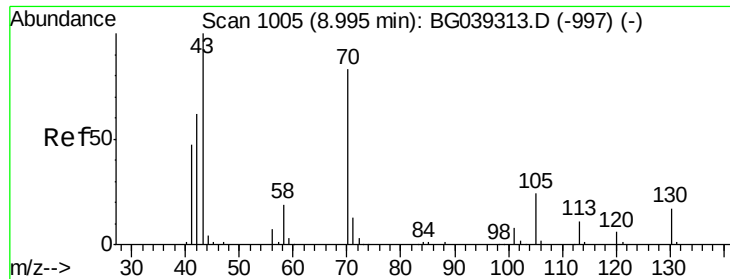
#18
Hexachloroethane
Concen: 37.790 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Tgt Ion:	117	Resp:	38569
Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.3	114.5
201	98.9	91.1	136.7



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

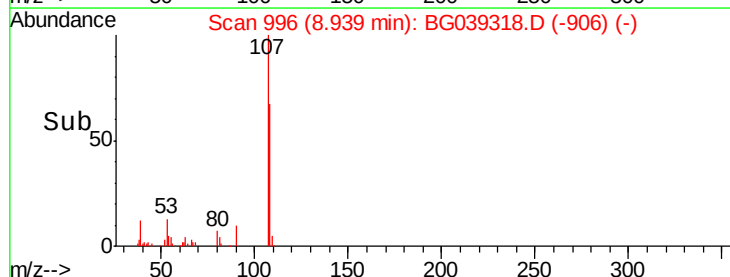
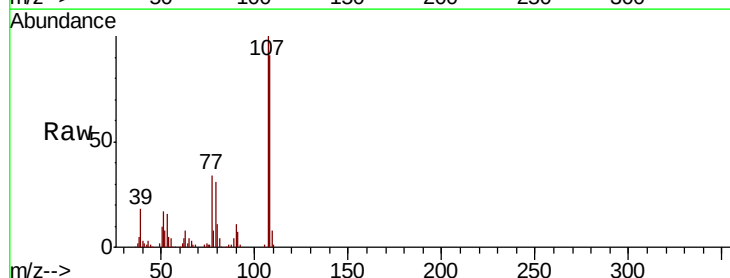
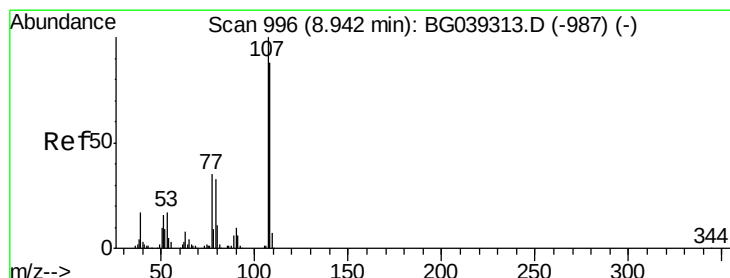
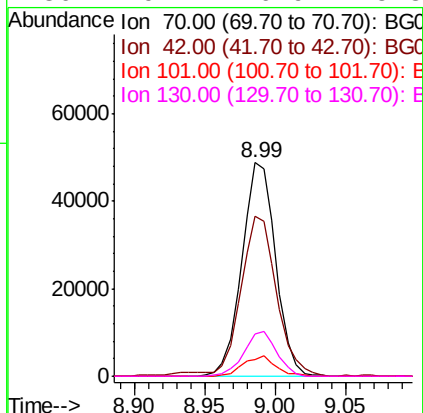




#19
n-Nitroso-di-n-propylamine
Concen: 34.725 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

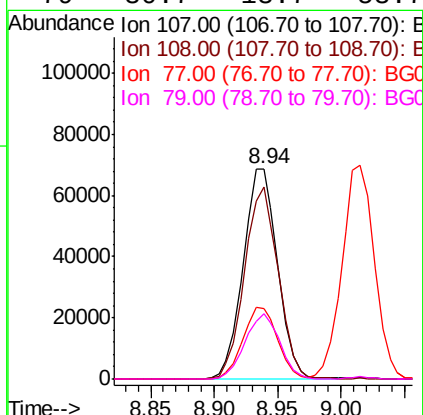
Instrument :
BNA_G
ClientSampleId :
PB116679BS

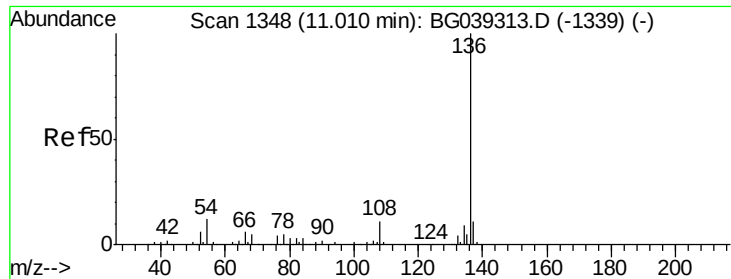
Tgt Ion:	70	Resp:	81541
Ion	Ratio	Lower	Upper
70	100		
42	74.8	60.4	90.6
101	7.5	7.5	11.3#
130	19.7	16.9	25.3



#20
3+4-Methylphenols
Concen: 42.117 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Tgt Ion:	107	Resp:	129438
Ion	Ratio	Lower	Upper
107	100		
108	91.3	67.9	107.9
77	33.6	15.4	55.4
79	30.7	13.7	53.7

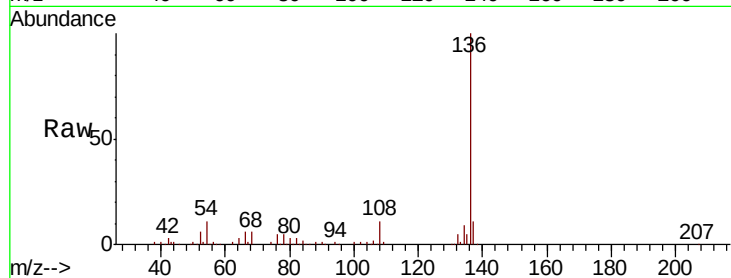




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Instrument :
BNA_G
ClientSampleId :
PB116679BS

Tgt Ion:	136	Resp:	168100
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	11.4	9.4	14.2
68	6.1	4.2	6.4



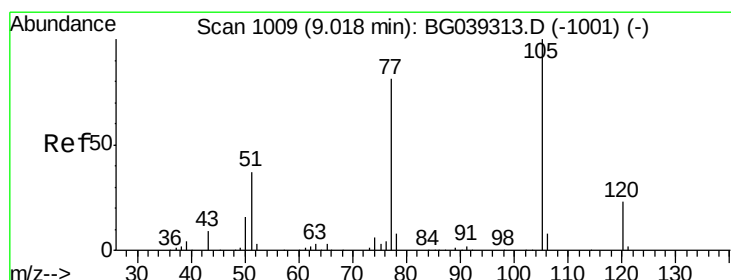
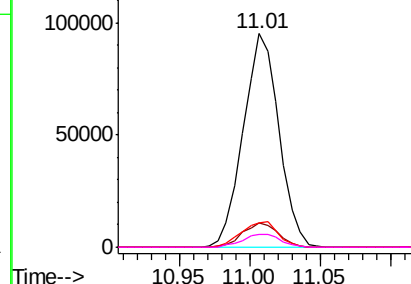
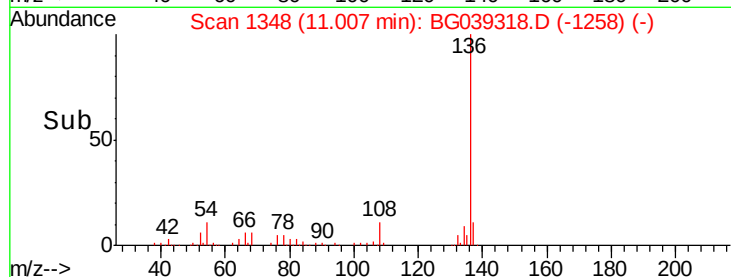
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

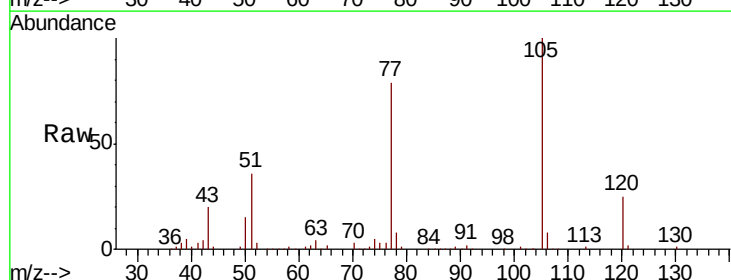
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 33.811 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Tgt Ion:	105	Resp:	152671
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	36.3	30.2	45.2
120	25.2	18.0	27.0



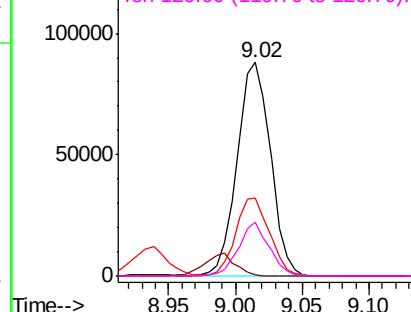
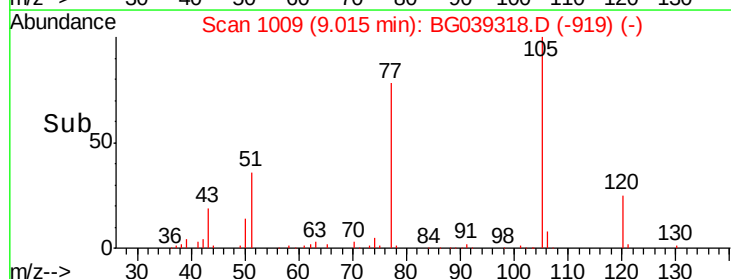
Abundance

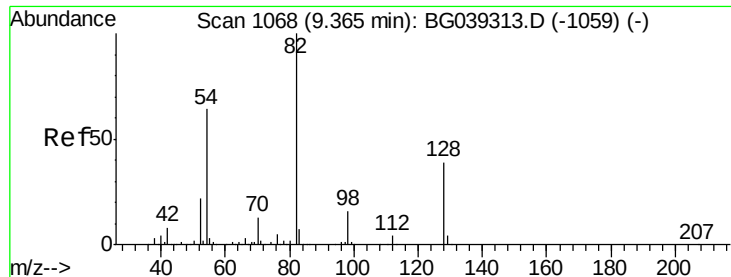
Ion 105.00 (104.70 to 105.70): E

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

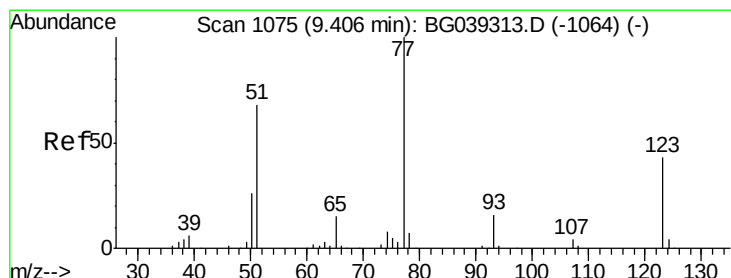
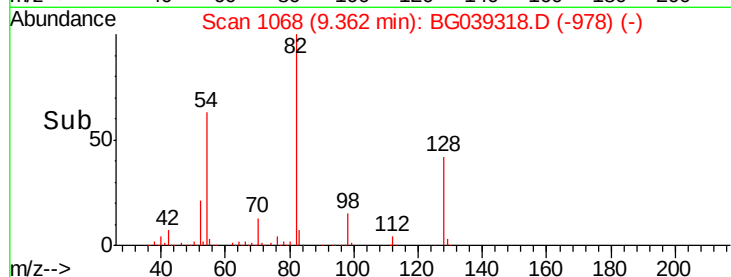
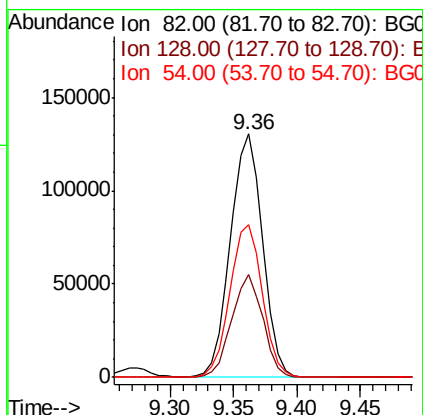
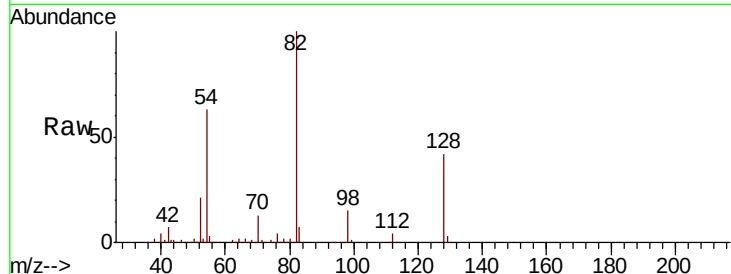




#23
 Nitrobenzene-d5
 Concen: 85.199 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

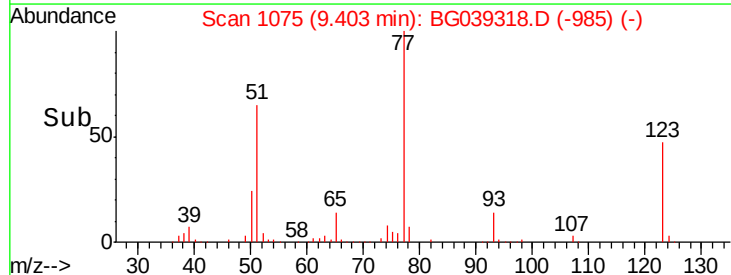
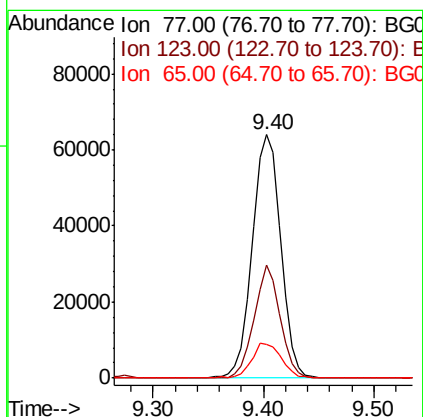
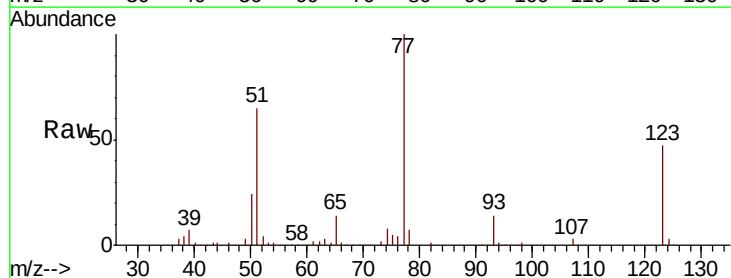
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BS

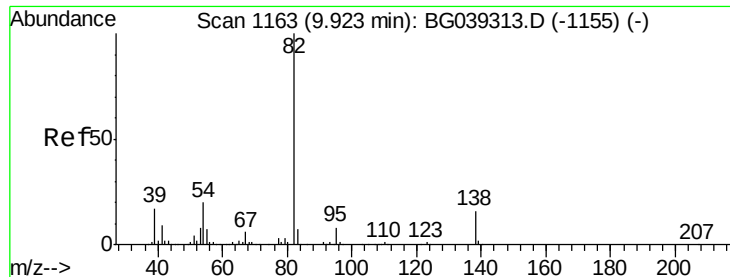
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.3	46.9
54	62.5	50.9	76.3



#24
 Nitrobenzene
 Concen: 39.934 ng
 RT: 9.40 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	34.1	51.1
65	13.8	12.3	18.5





#25

Isophorone

Concen: 39.225 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

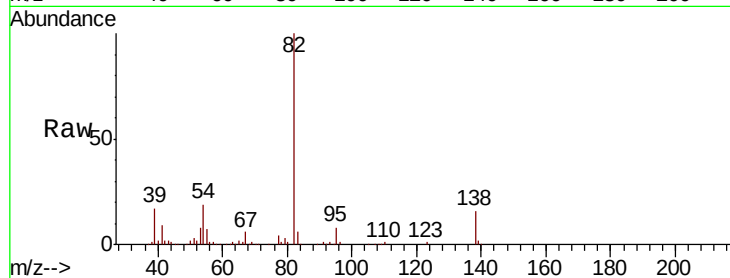
Tgt Ion: 82 Resp: 233894

Ion Ratio Lower Upper

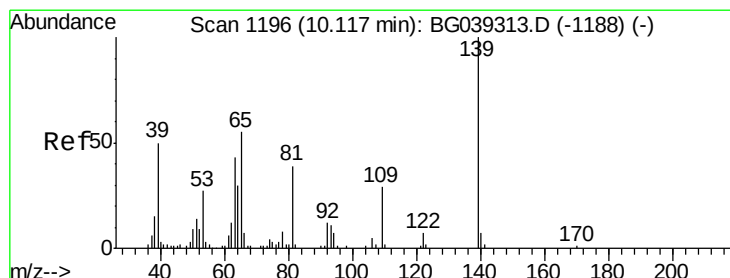
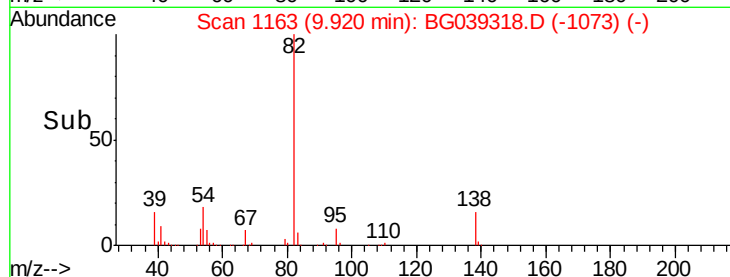
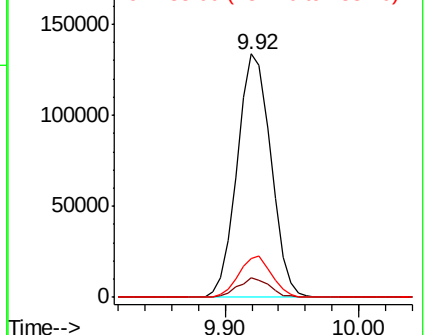
82 100

95 8.1 6.2 9.2

138 15.8 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: 42.008 ng

RT: 10.11 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

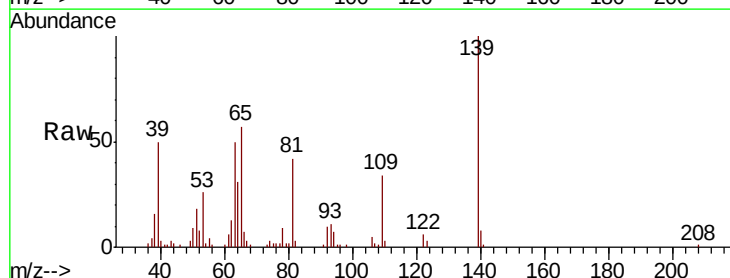
Tgt Ion: 139 Resp: 45627

Ion Ratio Lower Upper

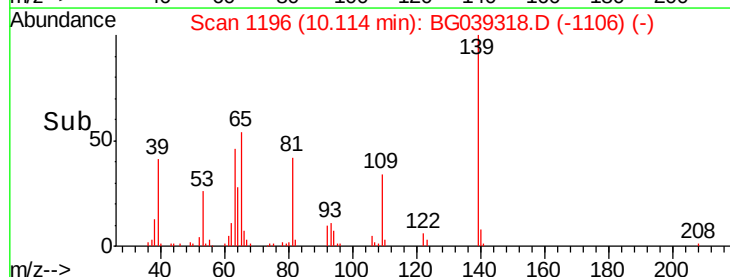
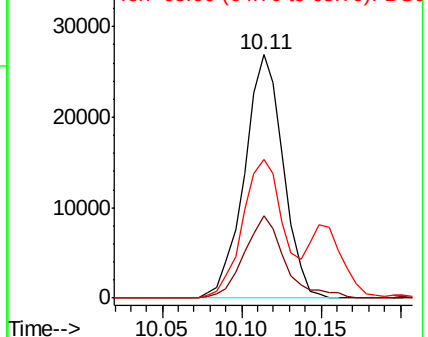
139 100

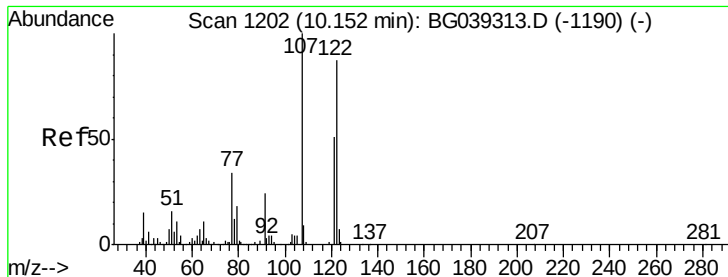
109 33.6 23.4 35.0

65 57.0 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

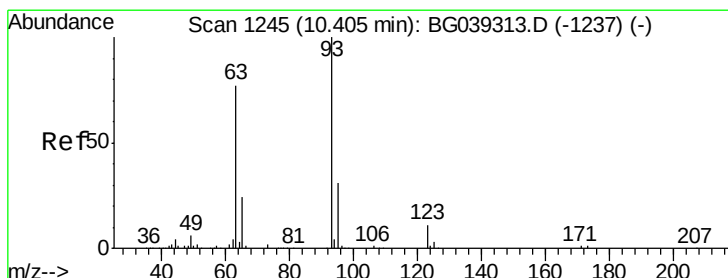
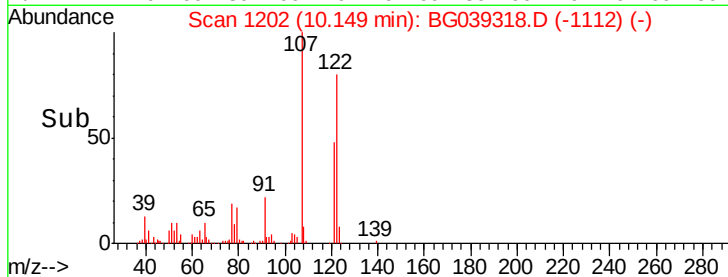
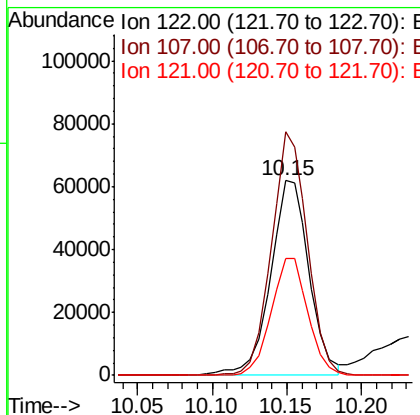
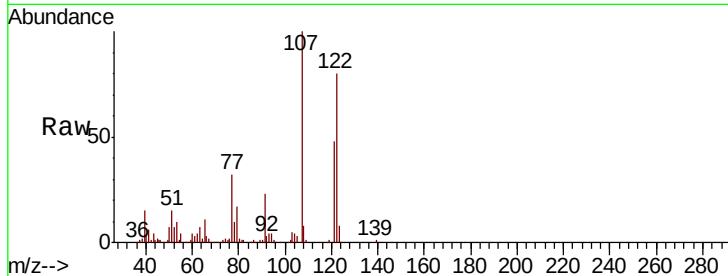




#27
 2,4-Dimethylphenol
 Concen: 46.163 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

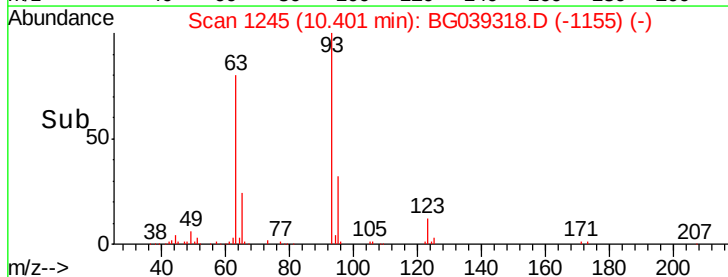
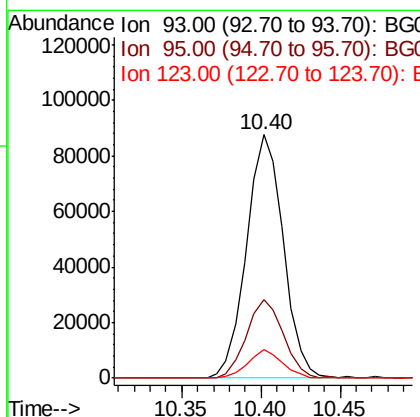
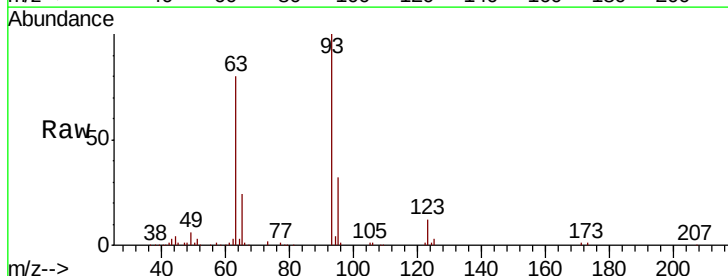
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BS

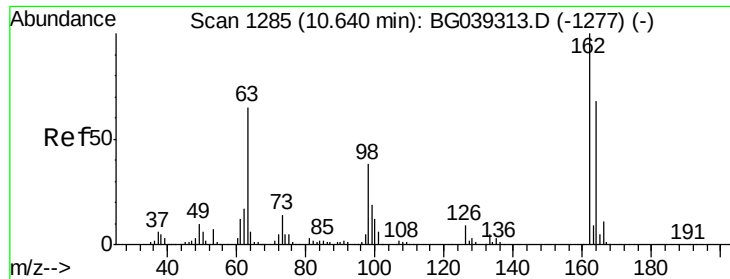
Tgt Ion: 122 Resp: 111351
 Ion Ratio Lower Upper
 122 100
 107 124.9 91.7 137.5
 121 60.2 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.483 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Tgt Ion: 93 Resp: 141340
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.0 37.4
 123 11.9 8.6 12.8

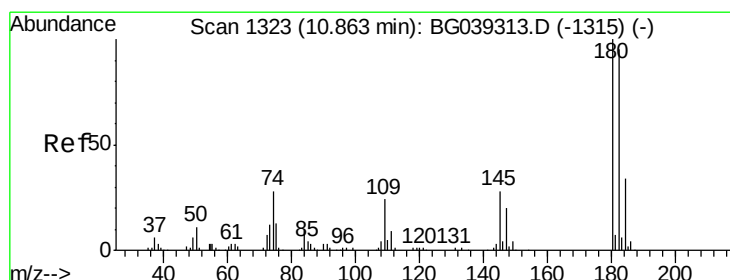
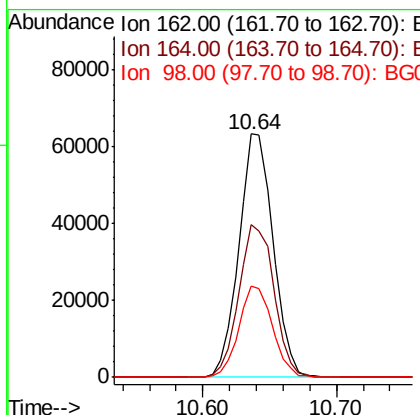
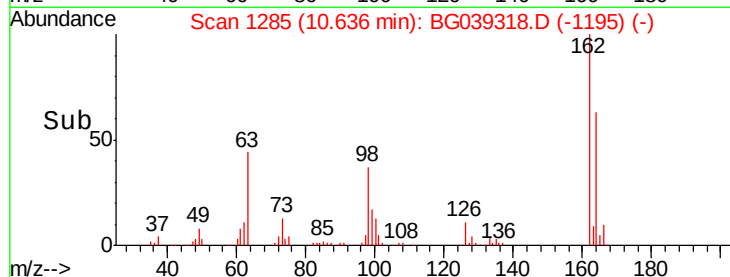
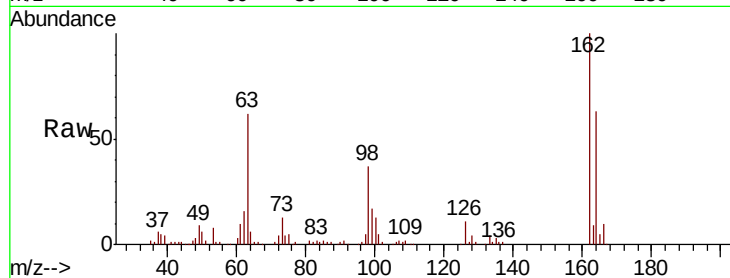




#29
 2,4-Dichlorophenol
 Concen: 42.348 ng
 RT: 10.64 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

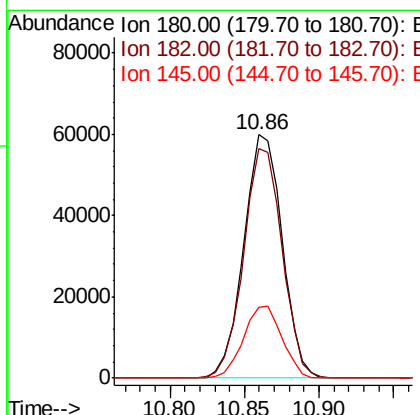
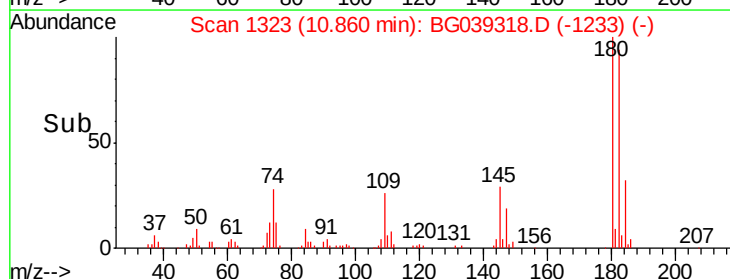
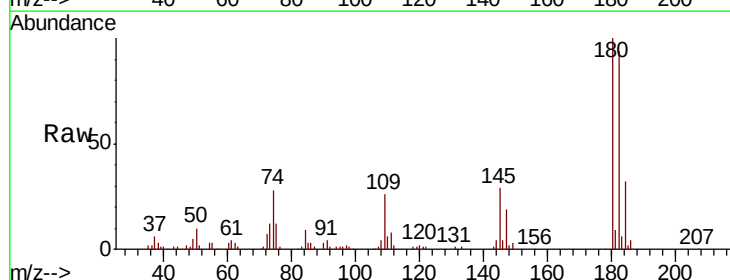
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BS

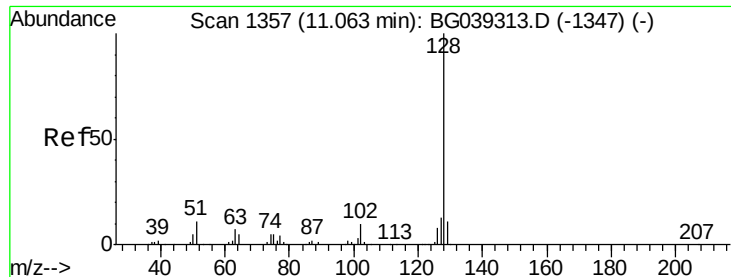
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	48.1	88.1
98	37.5	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.042 ng
 RT: 10.86 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.0	114.0
145	29.1	22.7	34.1

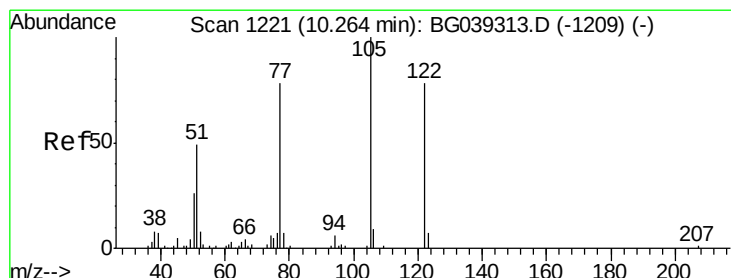
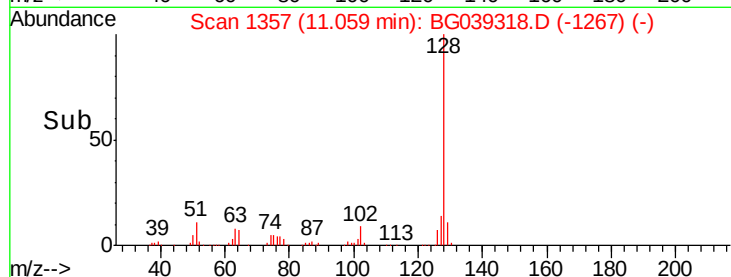
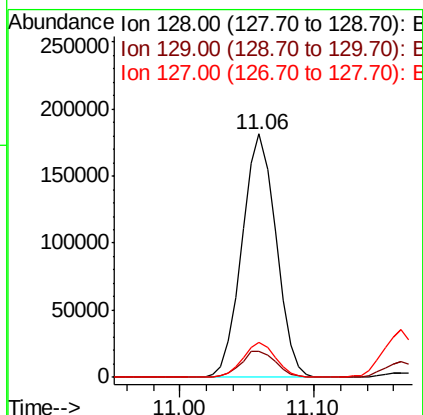
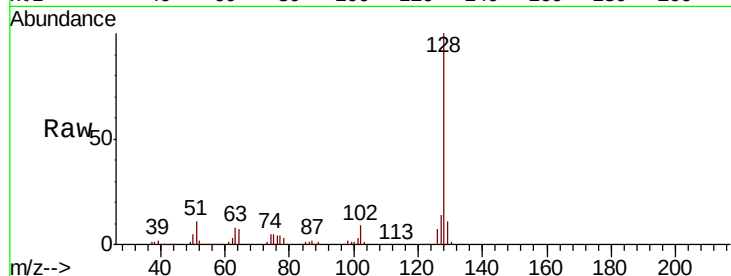




#31
Naphthalene
Concen: 38.299 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

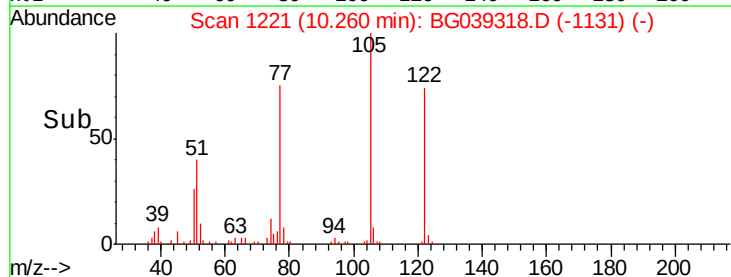
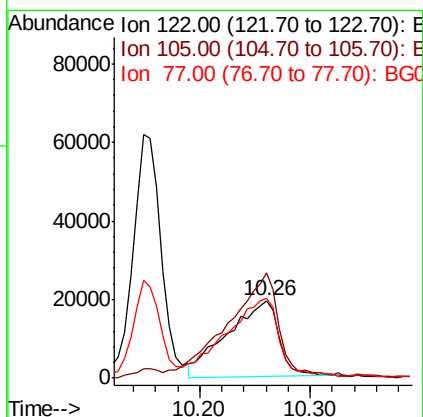
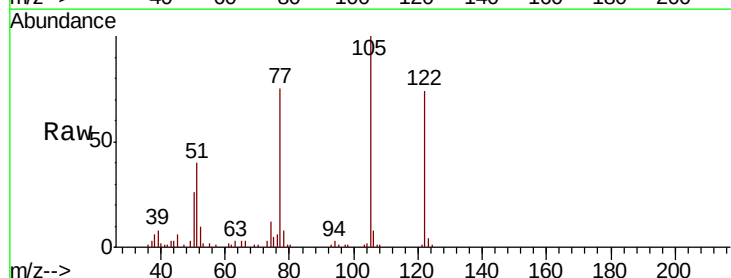
Instrument :
BNA_G
ClientSampleId :
PB116679BS

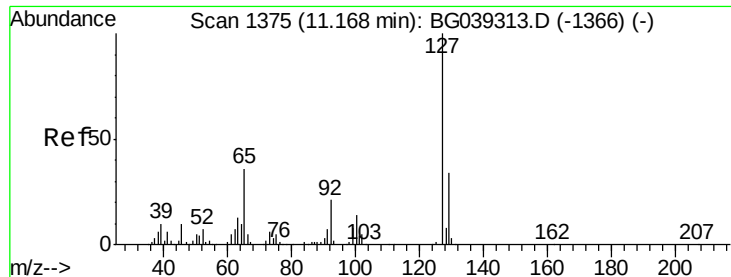
Tgt Ion:128 Resp: 319389
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 14.2 10.8 16.2



#32
Benzoic acid
Concen: 41.325 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Tgt Ion:122 Resp: 62833
Ion Ratio Lower Upper
122 100
105 135.9 101.8 141.8
77 102.1 76.3 116.3

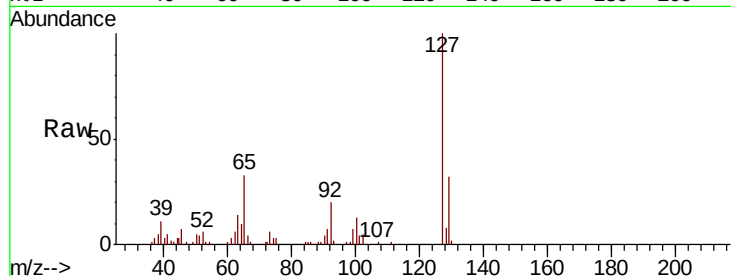




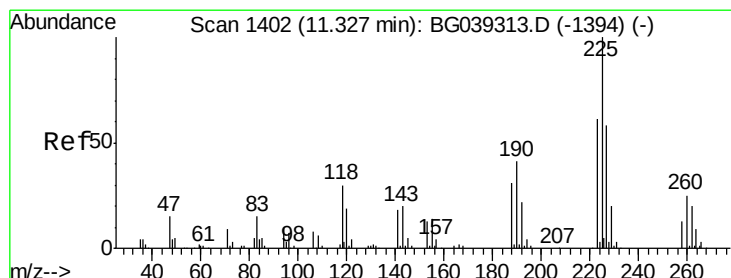
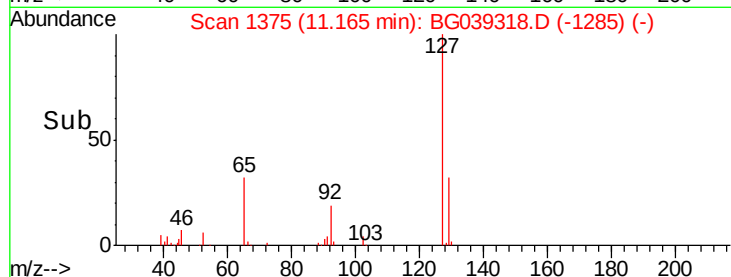
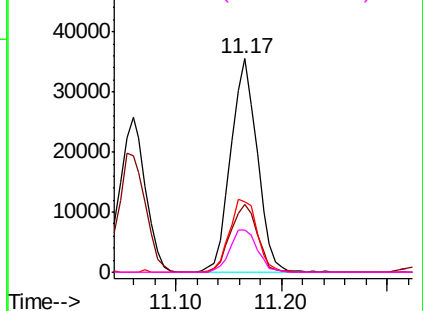
#33
4-Chloroaniline
Concen: 15.919 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Instrument :
BNA_G
ClientSampleId :
PB116679BS

Tgt Ion:	127	Resp:	61555
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.0	40.4
65	32.7	28.8	43.2
92	19.5	16.6	25.0

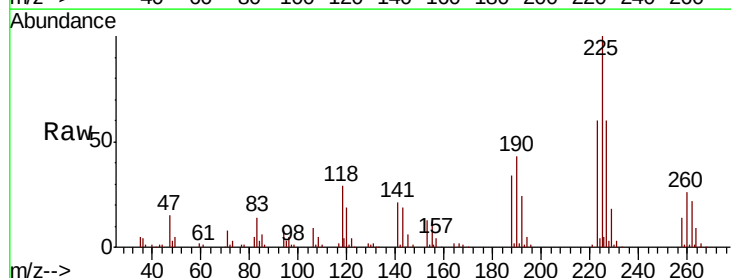


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

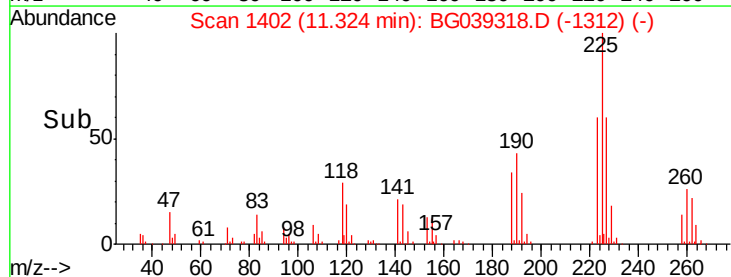
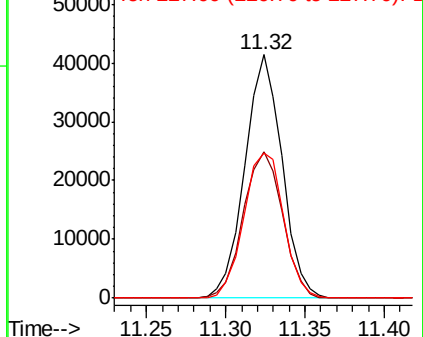


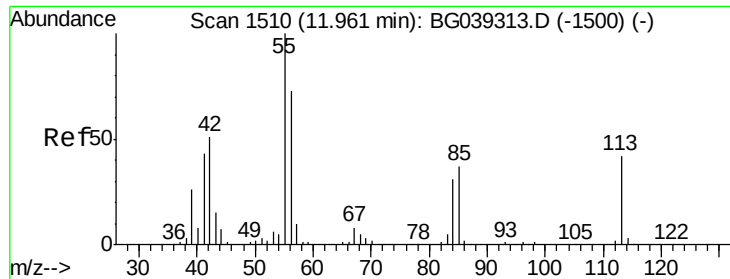
#34
Hexachlorobutadiene
Concen: 34.305 ng
RT: 11.32 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Tgt Ion:	225	Resp:	67523
Ion	Ratio	Lower	Upper
225	100		
223	60.0	49.0	73.6
227	59.6	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

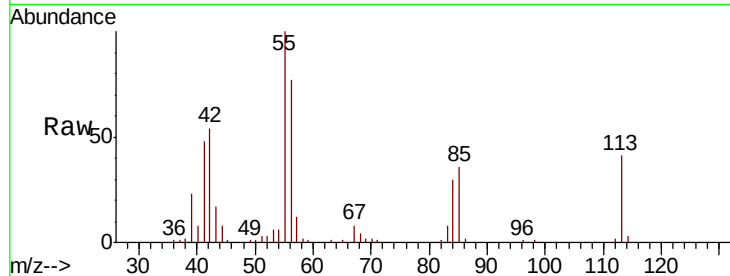




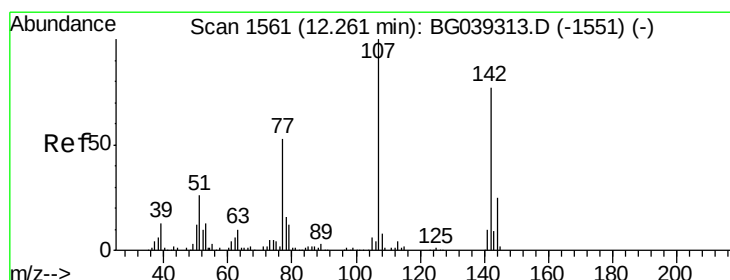
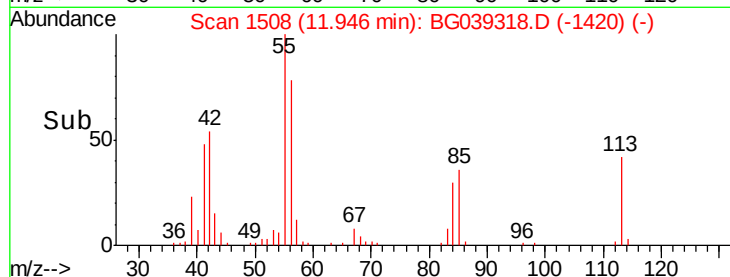
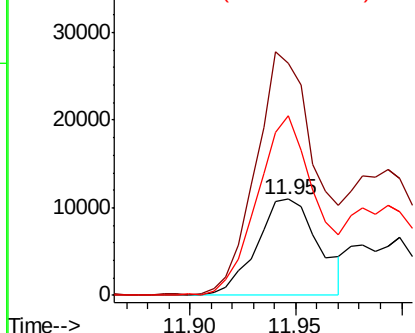
#35
 Caprolactam
 Concen: 20.382 ng
 RT: 11.95 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BS

Tgt Ion:113 Resp: 22235
 Ion Ratio Lower Upper
 113 100
 55 242.0 216.9 256.9
 56 186.6 152.6 192.6

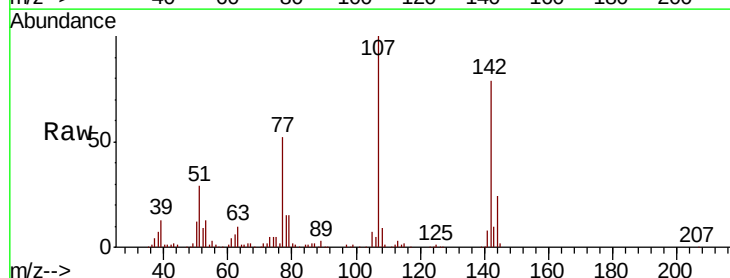


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

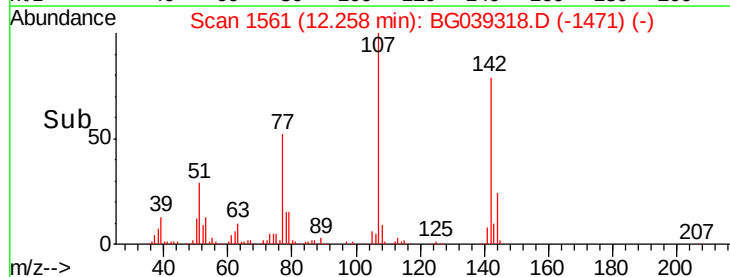
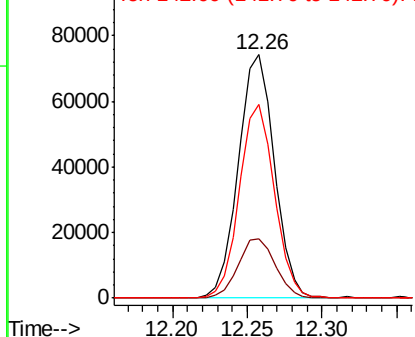


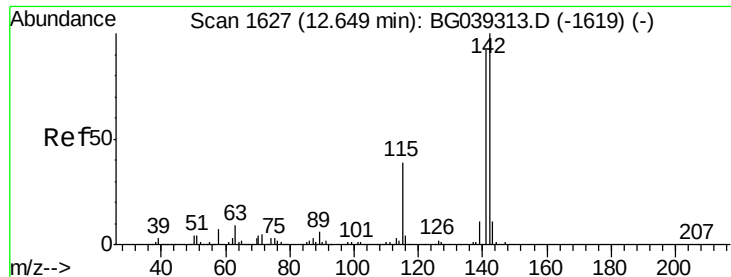
#36
 4-Chloro-3-methylphenol
 Concen: 40.830 ng
 RT: 12.26 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Tgt Ion:107 Resp: 124484
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.2 30.2
 142 79.3 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

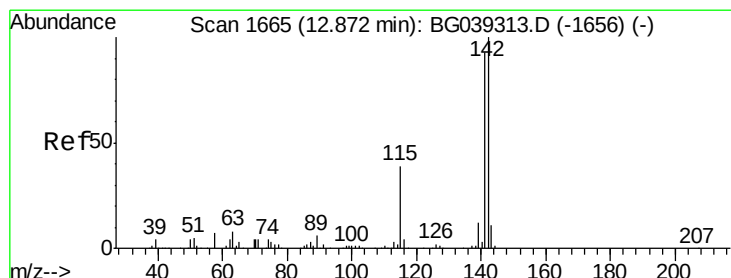
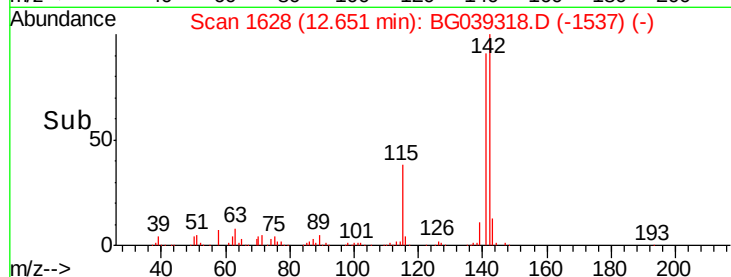
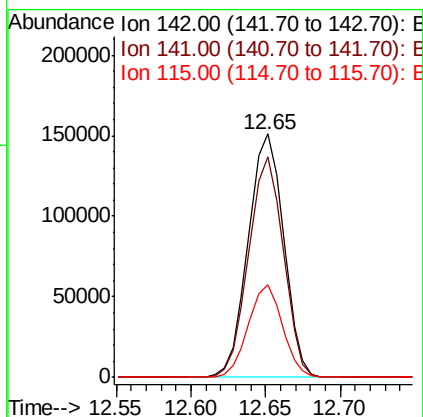
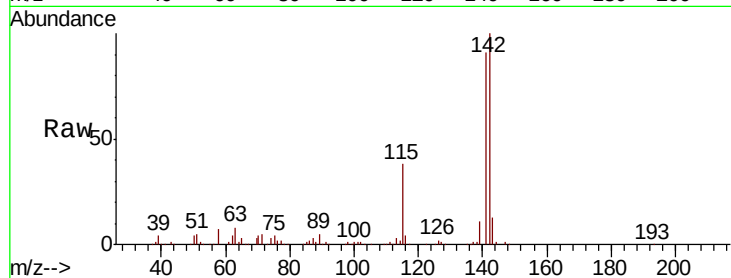




#37
2-Methylnaphthalene
Concen: 40.124 ng
RT: 12.65 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

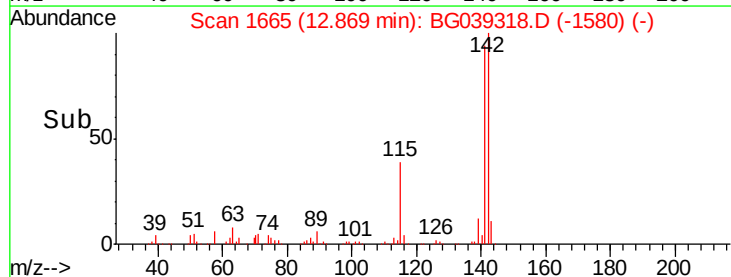
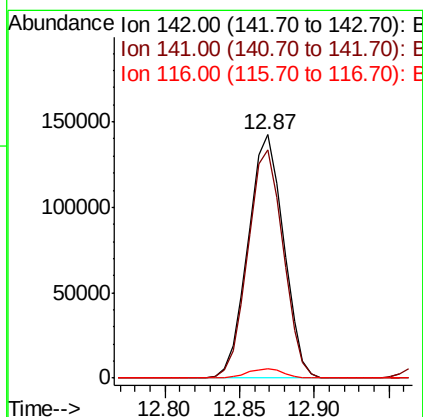
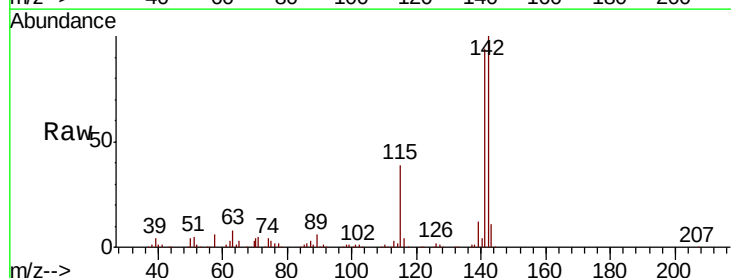
Instrument :
BNA_G
ClientSampleId :
PB116679BS

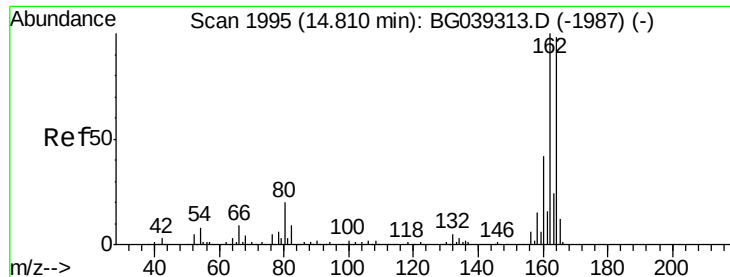
Tgt Ion:142 Resp: 247828
Ion Ratio Lower Upper
142 100
141 90.8 73.5 110.3
115 38.1 30.8 46.2



#38
1-Methylnaphthalene
Concen: 39.354 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Tgt Ion:142 Resp: 234313
Ion Ratio Lower Upper
142 100
141 93.9 74.2 111.4
116 3.9 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: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

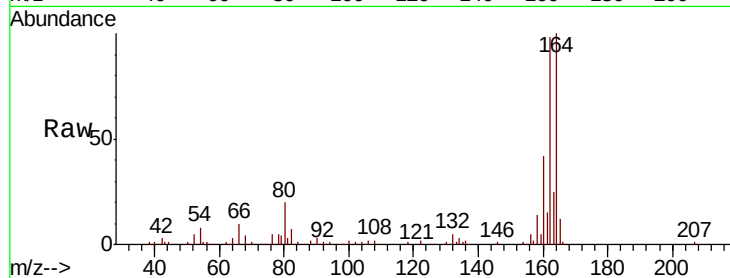
Tgt Ion:164 Resp: 109922

Ion Ratio Lower Upper

164 100

162 98.0 81.6 122.4

160 42.1 34.2 51.2

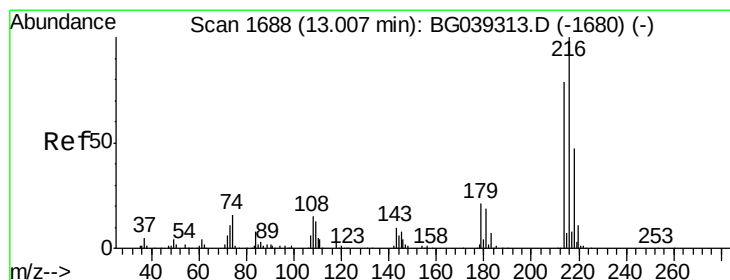
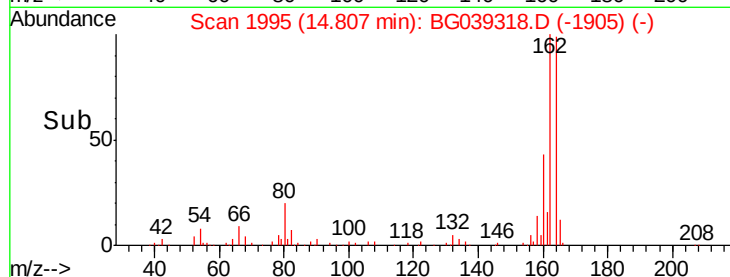
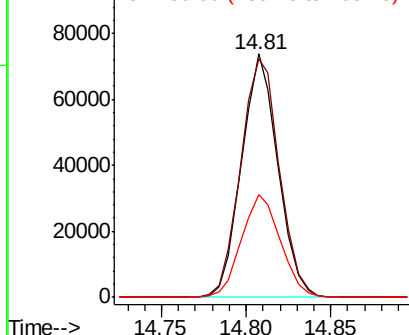


Abundance

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: 36.966 ng

RT: 13.00 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Tgt Ion:216 Resp: 129285

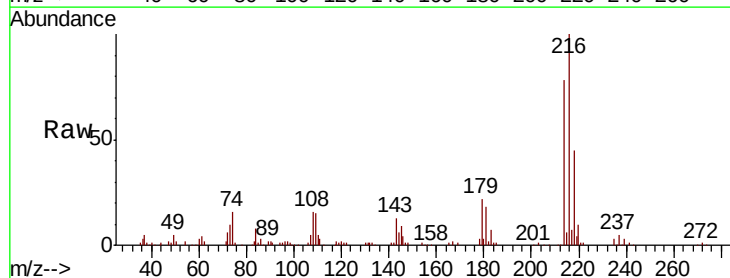
Ion Ratio Lower Upper

216 100

214 80.5 62.6 94.0

179 20.6 16.6 25.0

108 19.9 14.0 21.0



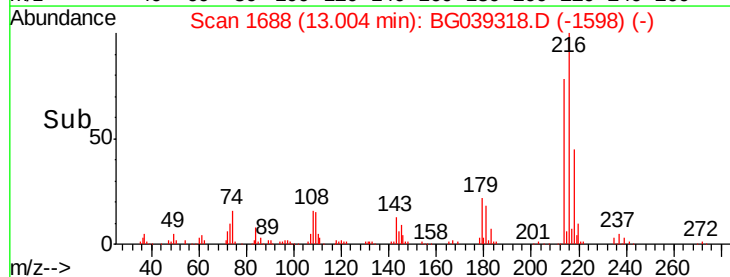
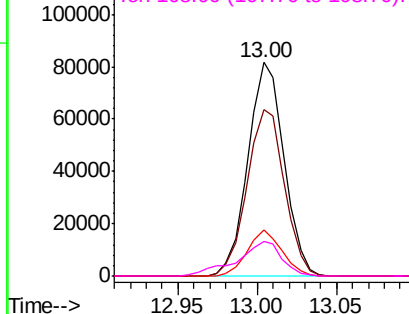
Abundance

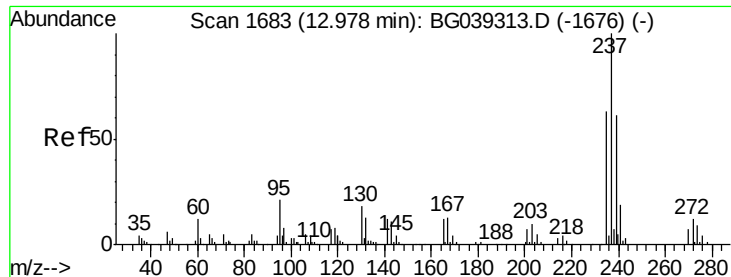
Ion 216.00 (215.70 to 216.70): E

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: 87.998 ng

RT: 12.98 min Scan# 1684

Delta R.T. 0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

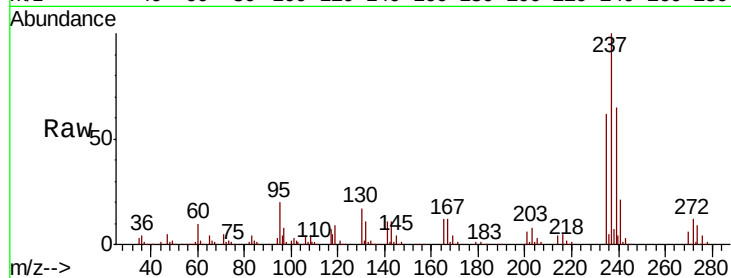
Tgt Ion:237 Resp: 167706

Ion Ratio Lower Upper

237 100

235 61.6 43.3 83.3

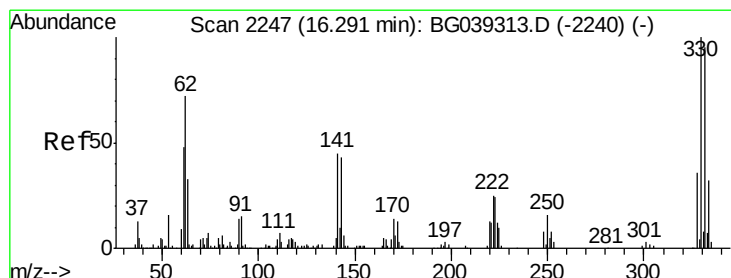
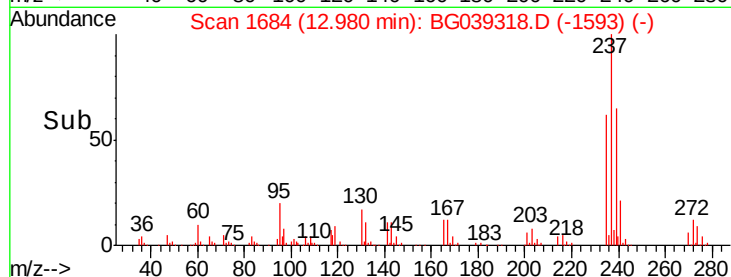
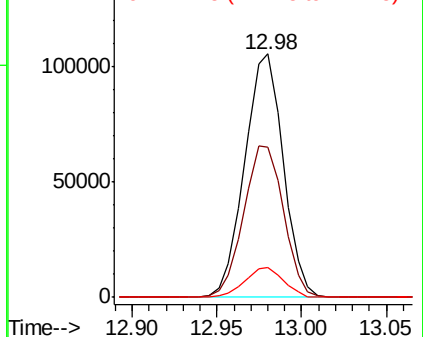
272 12.1 0.0 32.3



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: 84.135 ng

RT: 16.29 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

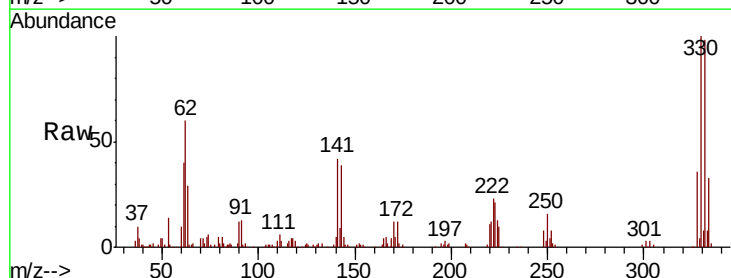
Tgt Ion:330 Resp: 99588

Ion Ratio Lower Upper

330 100

332 97.1 75.7 113.5

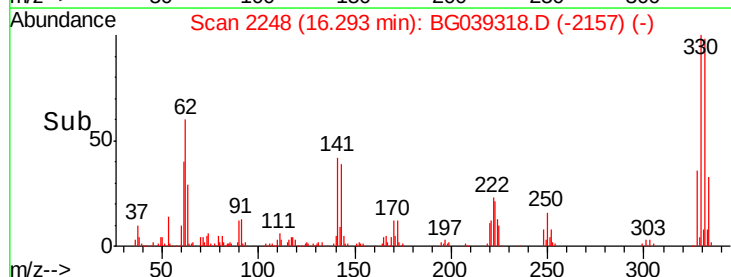
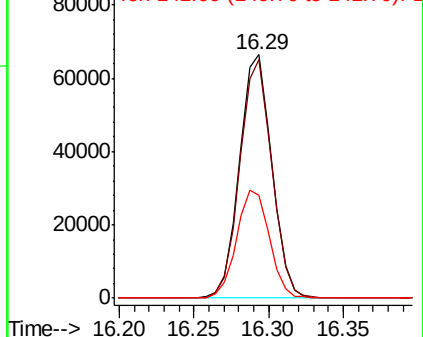
141 45.0 35.6 53.4

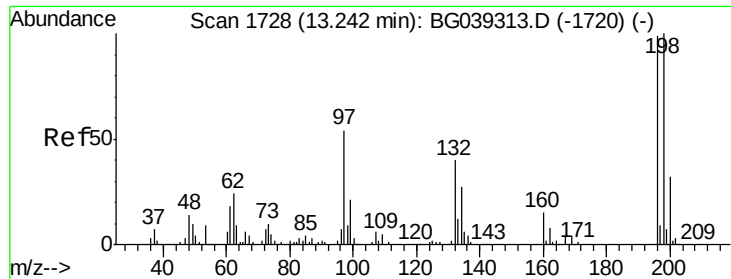


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

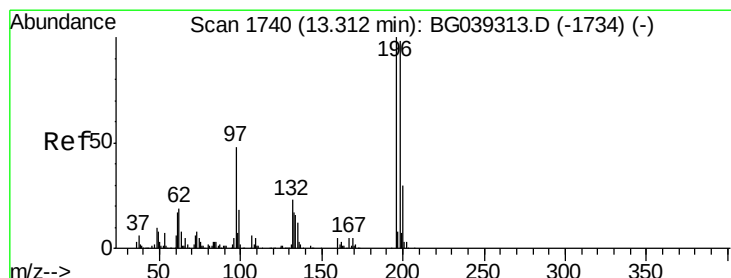
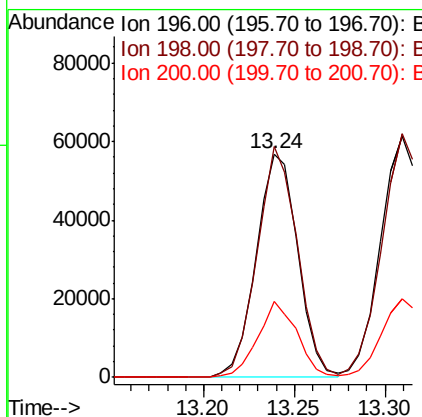
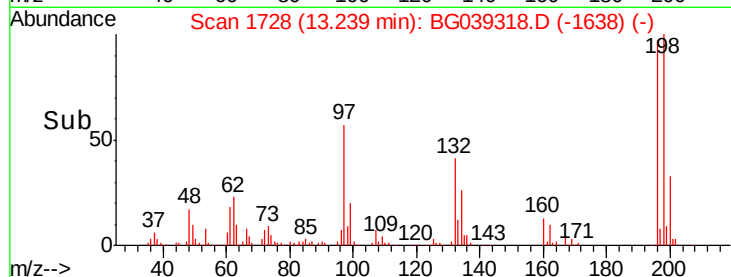
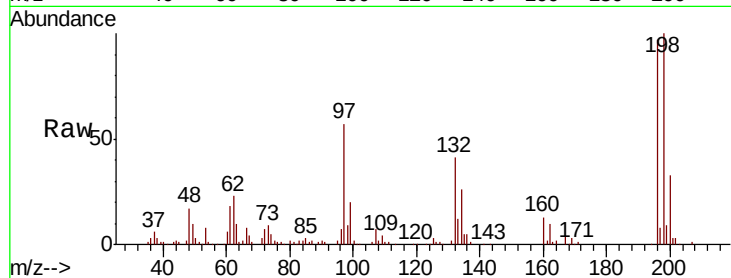




#43
 2,4,6-Trichlorophenol
 Concen: 42.099 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

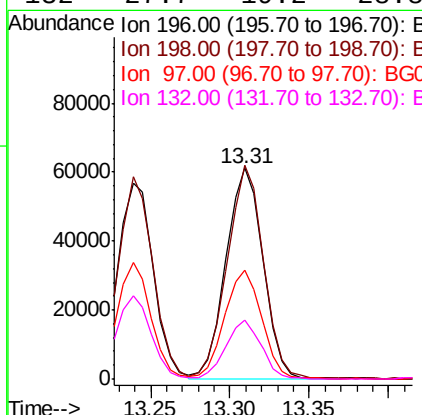
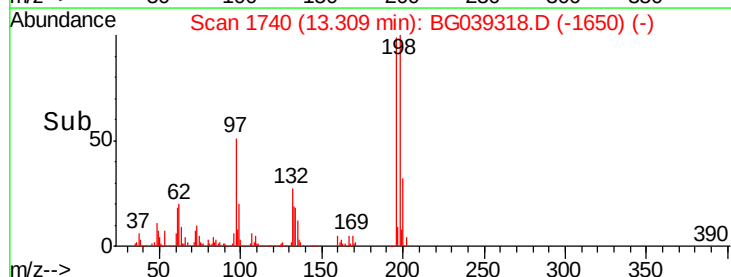
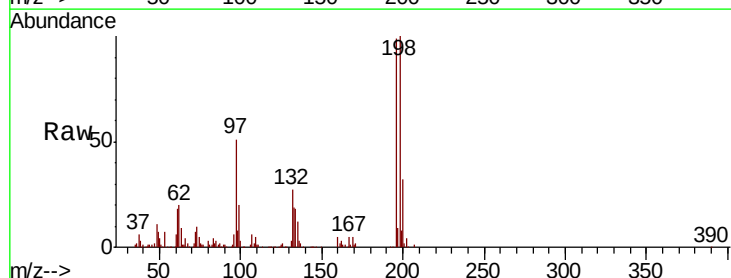
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BS

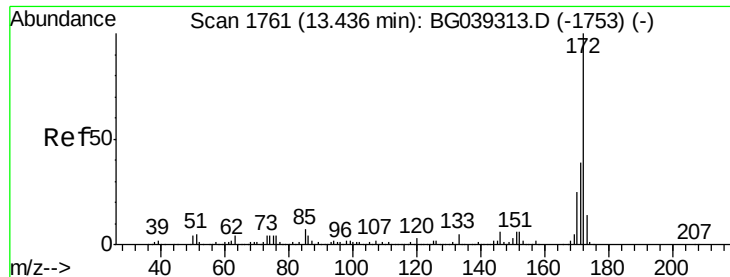
Tgt Ion:196 Resp: 90529
 Ion Ratio Lower Upper
 196 100
 198 103.4 80.6 121.0
 200 33.8 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.732 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Tgt Ion:196 Resp: 98563
 Ion Ratio Lower Upper
 196 100
 198 101.2 78.5 117.7
 97 51.8 38.4 57.6
 132 27.7 19.2 28.8

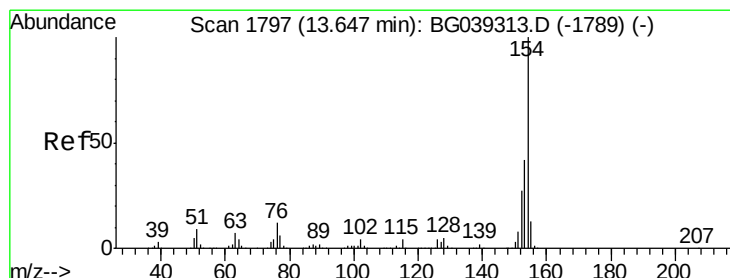
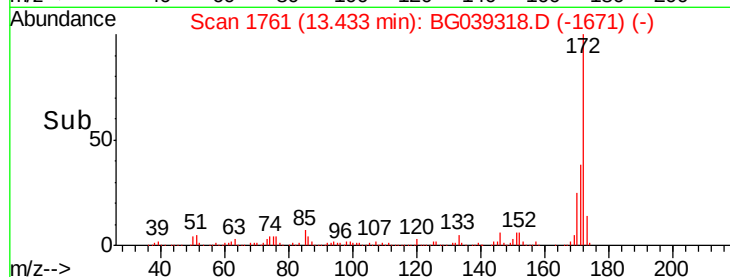
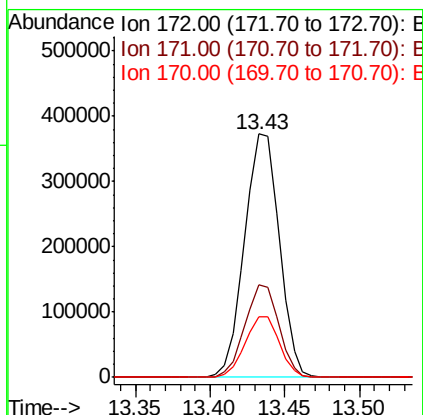
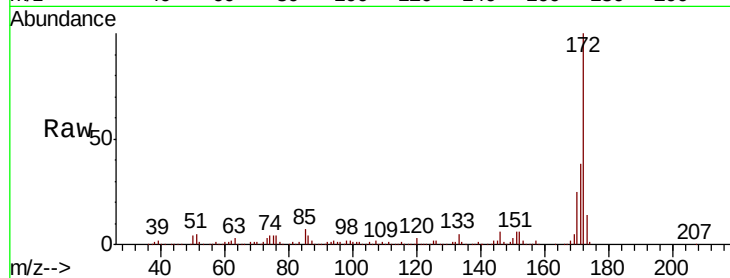




#45
 2-Fluorobiphenyl
 Concen: 78.365 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

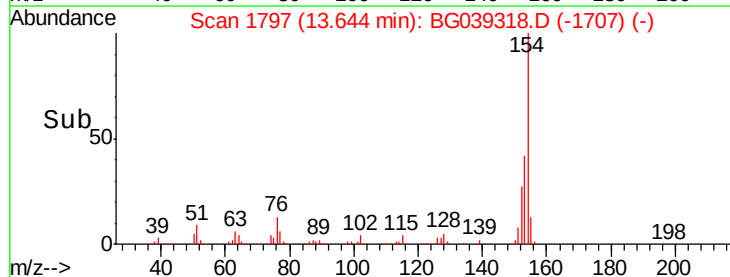
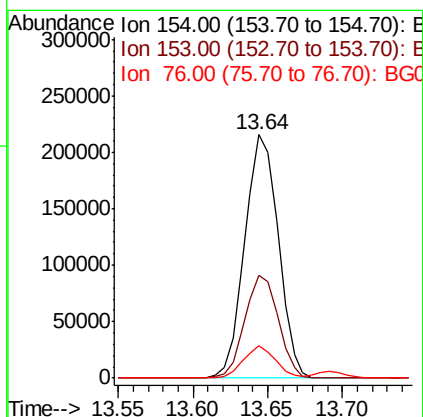
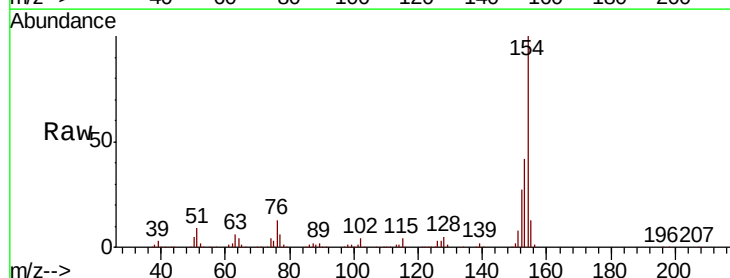
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BS

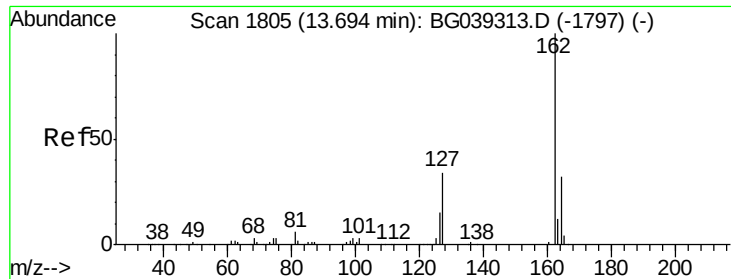
Tgt Ion:172 Resp: 600472
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.8 46.2
 170 24.7 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 36.561 ng
 RT: 13.64 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Tgt Ion:154 Resp: 334378
 Ion Ratio Lower Upper
 154 100
 153 42.4 22.1 62.1
 76 13.3 0.0 32.4

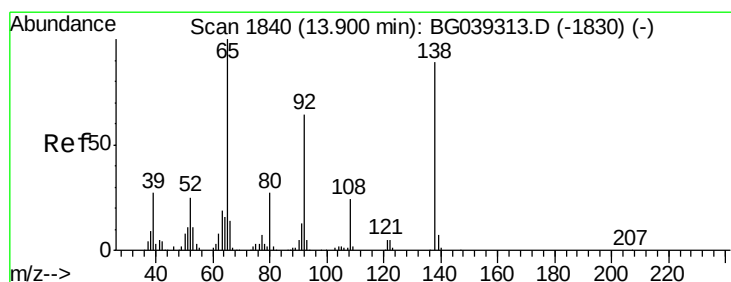
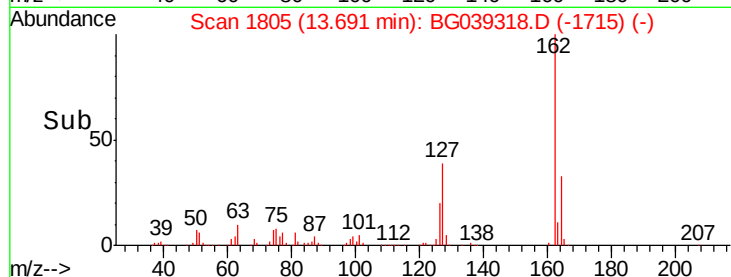
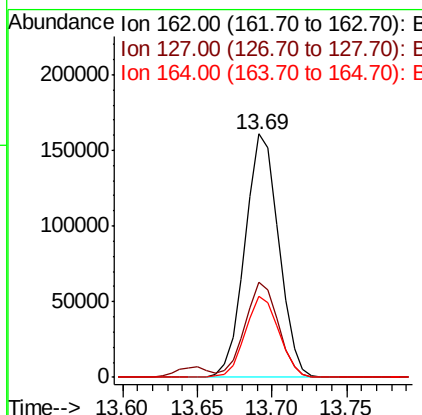
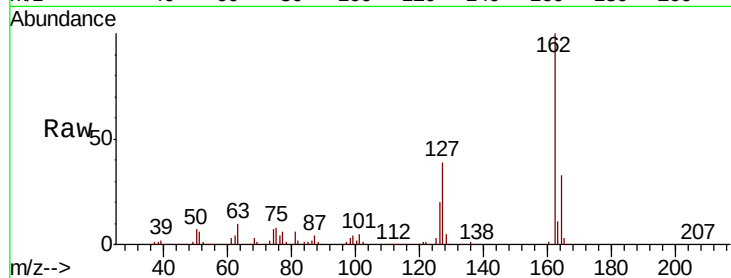




#47
2-Chloronaphthalene
Concen: 36.487 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

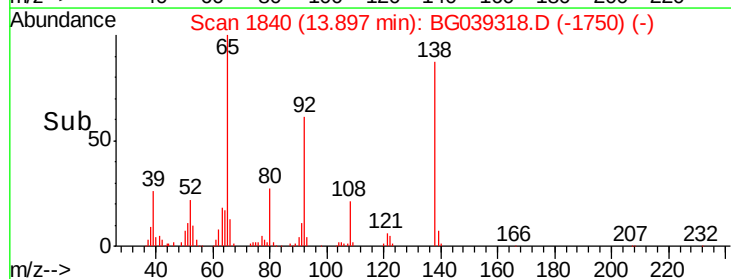
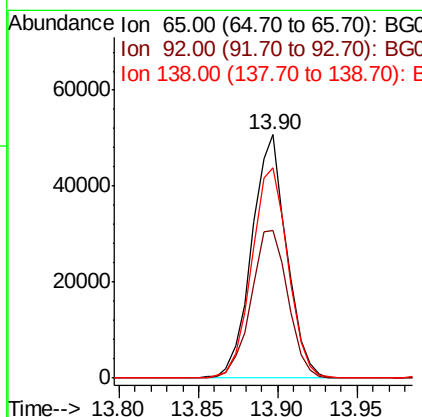
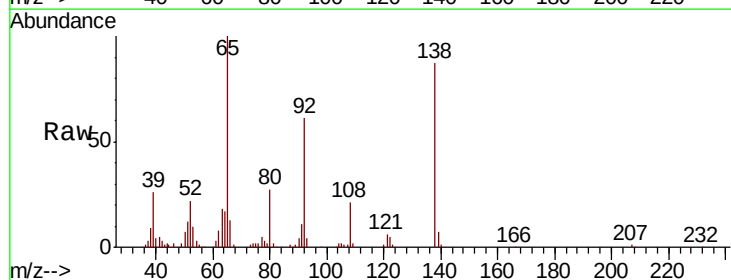
Instrument :
BNA_G
ClientSampleId :
PB116679BS

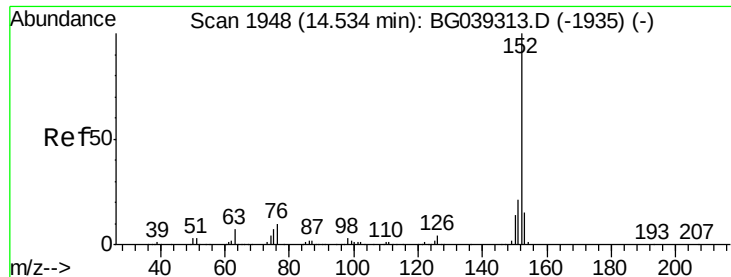
Tgt Ion: 162 Resp: 251037
Ion Ratio Lower Upper
162 100
127 39.1 31.0 46.6
164 33.1 25.7 38.5



#48
2-Nitroaniline
Concen: 40.727 ng
RT: 13.90 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Tgt Ion: 65 Resp: 77491
Ion Ratio Lower Upper
65 100
92 60.8 51.4 77.2
138 86.7 71.4 107.2





#49

Acenaphthylene

Concen: 39.715 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

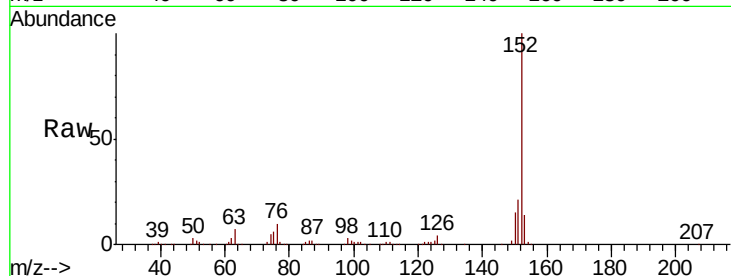
Tgt Ion:152 Resp: 412302

Ion Ratio Lower Upper

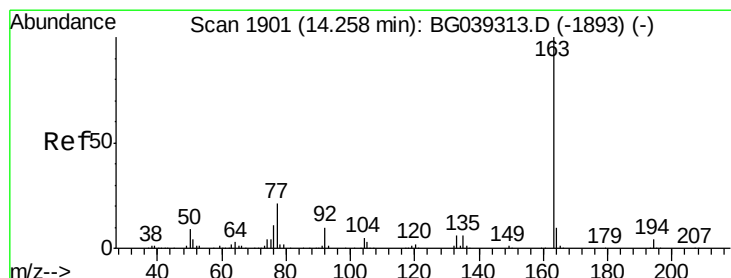
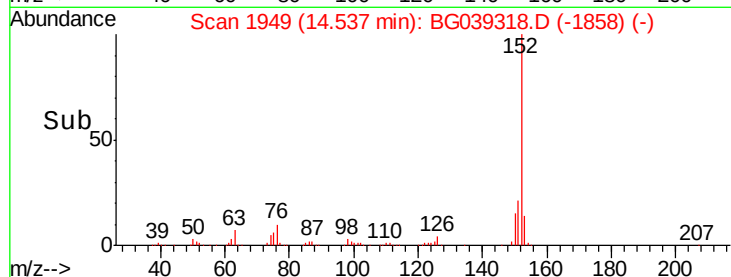
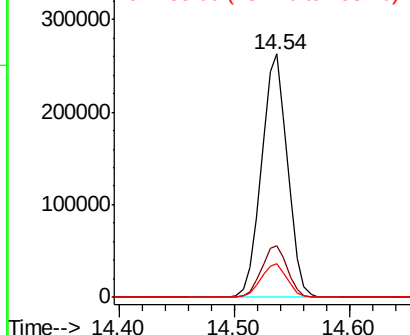
152 100

151 21.2 16.8 25.2

153 14.1 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.493 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

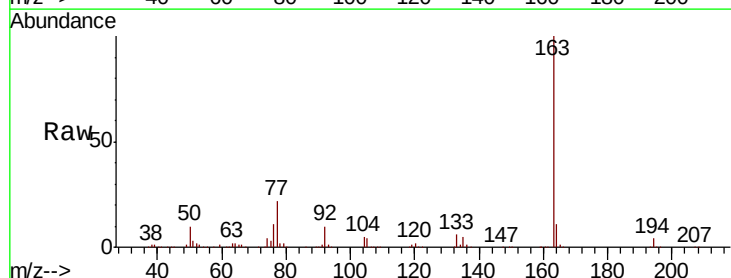
Tgt Ion:163 Resp: 341730

Ion Ratio Lower Upper

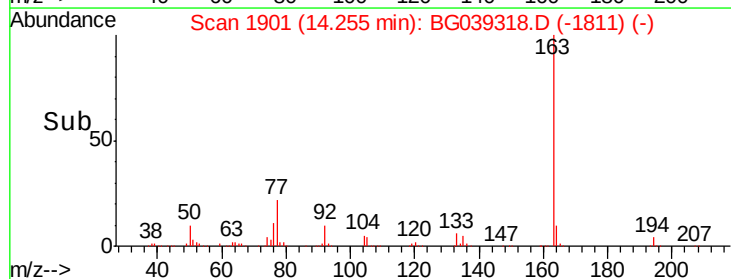
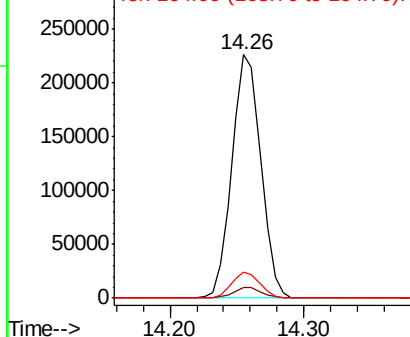
163 100

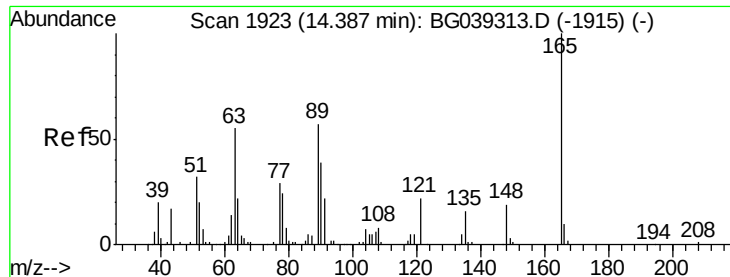
194 4.4 3.6 5.4

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





#51

2,6-Dinitrotoluene

Concen: 41.760 ng

RT: 14.38 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

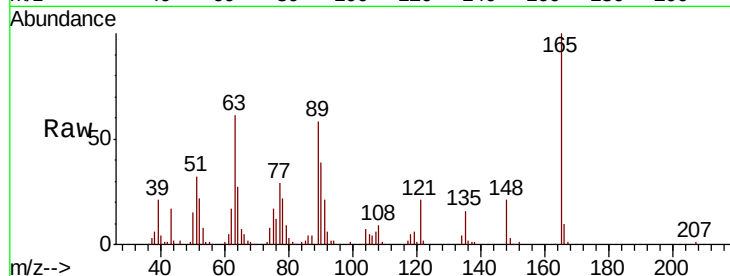
Tgt Ion:165 Resp: 67650

Ion Ratio Lower Upper

165 100

63 61.0 47.0 70.6

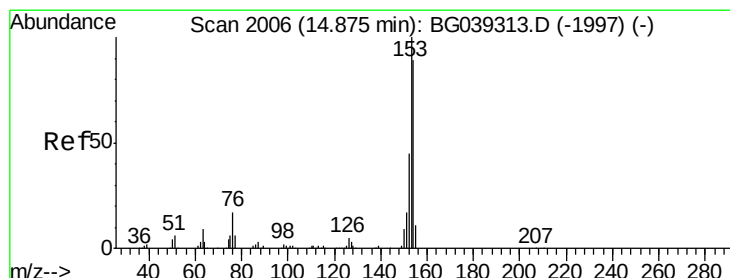
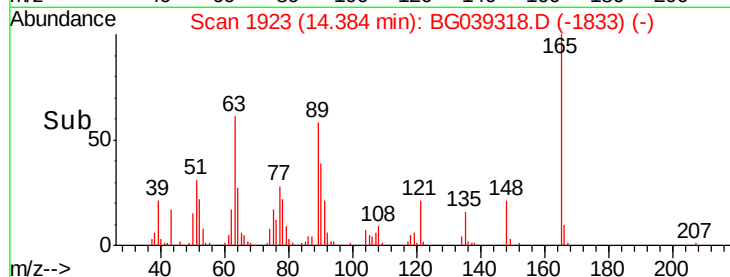
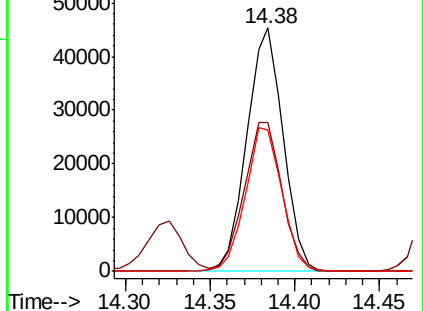
89 58.2 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 37.656 ng

RT: 14.87 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

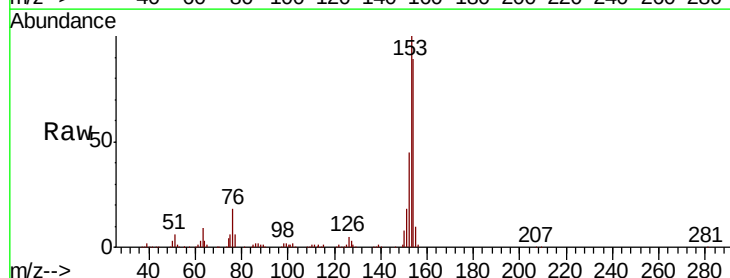
Tgt Ion:154 Resp: 253761

Ion Ratio Lower Upper

154 100

153 111.9 90.1 135.1

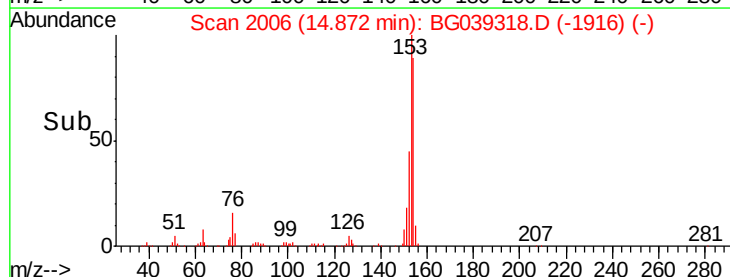
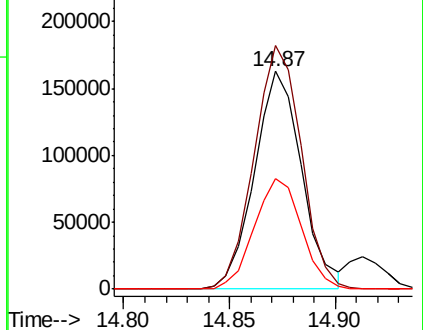
152 50.7 40.9 61.3

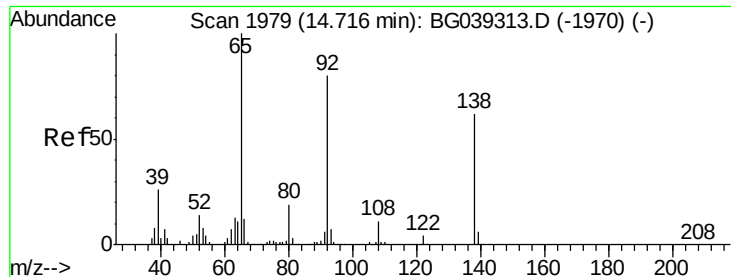


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

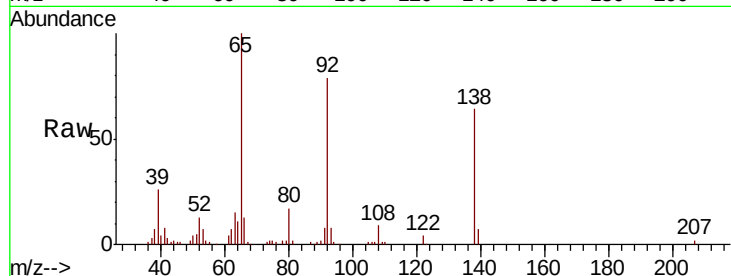




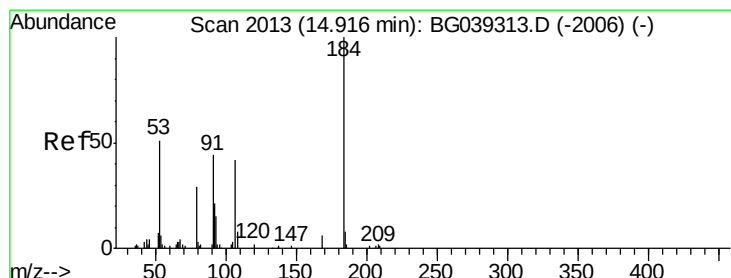
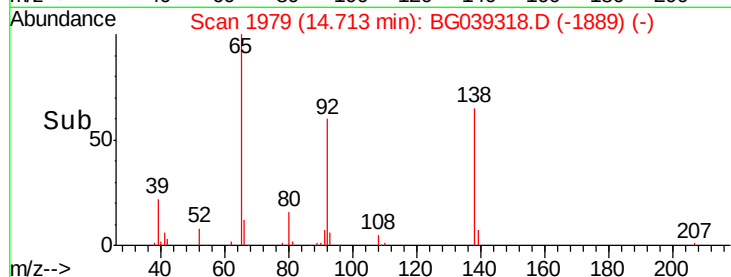
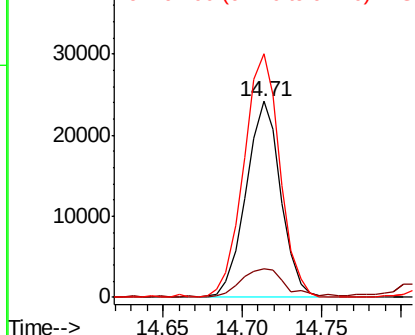
#53
3-Nitroaniline
Concen: 23.845 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Instrument :
BNA_G
ClientSampleId :
PB116679BS

Tgt Ion:138 Resp: 36755
Ion Ratio Lower Upper
138 100
108 14.9 13.8 20.8
92 124.2 103.7 155.5

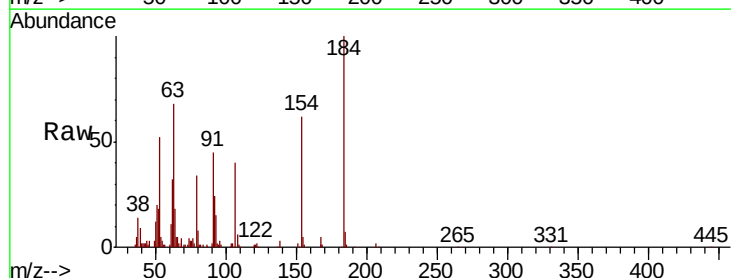


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

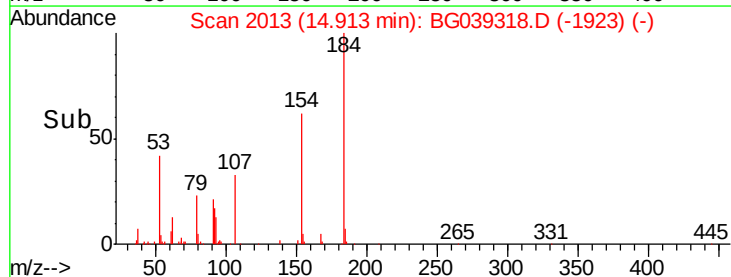
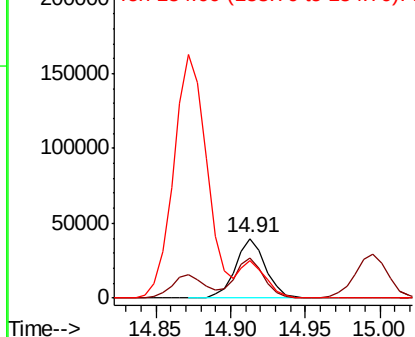


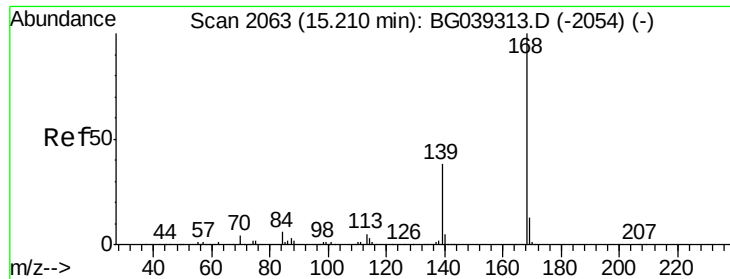
#54
2,4-Dinitrophenol
Concen: 76.917 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Tgt Ion:184 Resp: 55379
Ion Ratio Lower Upper
184 100
63 67.6 50.9 76.3
154 62.0 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

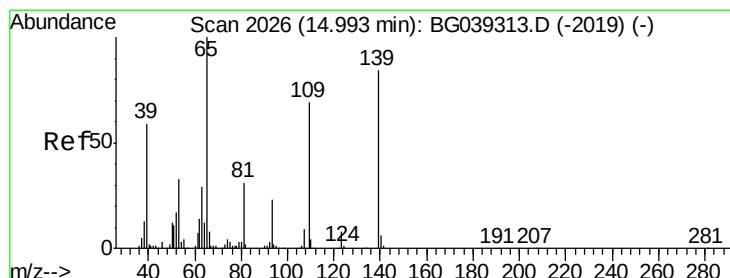
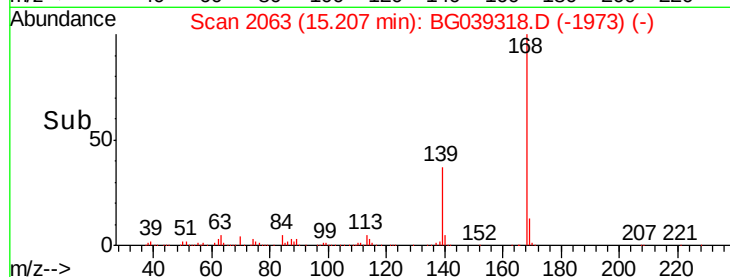
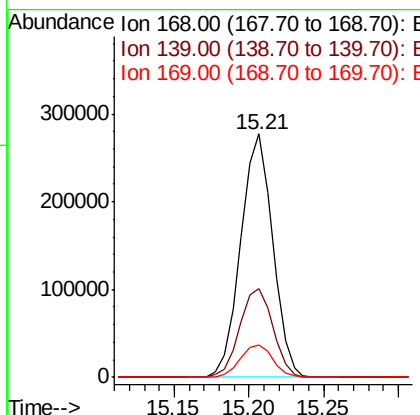
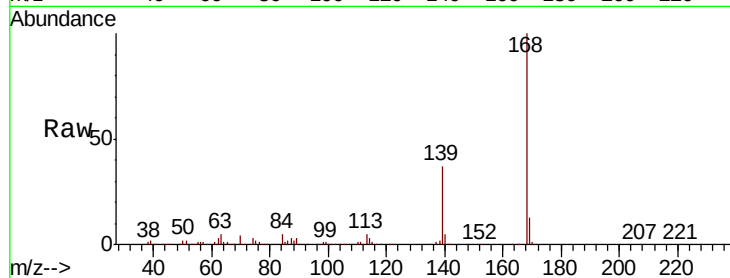




#55
Dibenzenofuran
Concen: 38.098 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

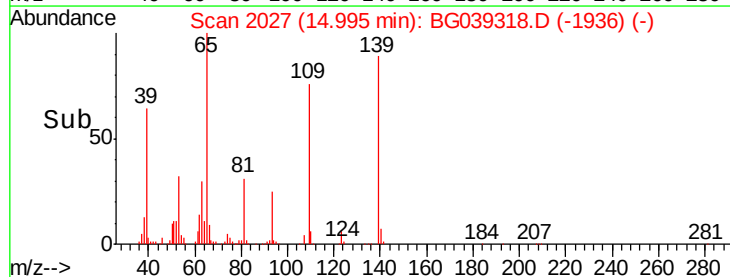
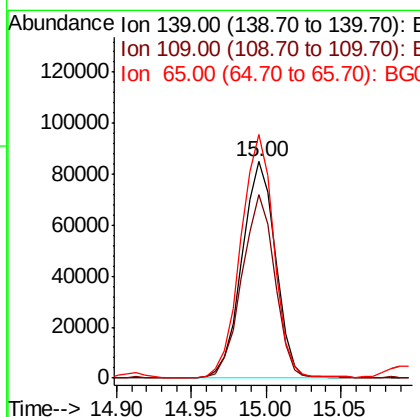
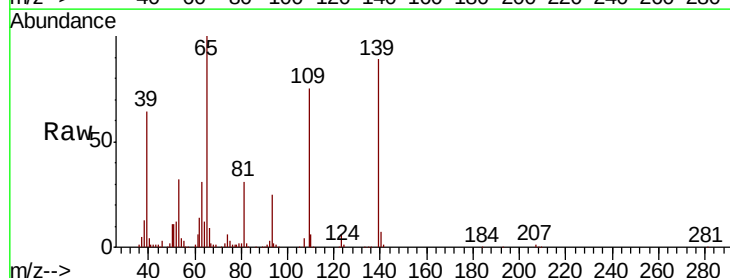
Instrument :
BNA_G
ClientSampleId :
PB116679BS

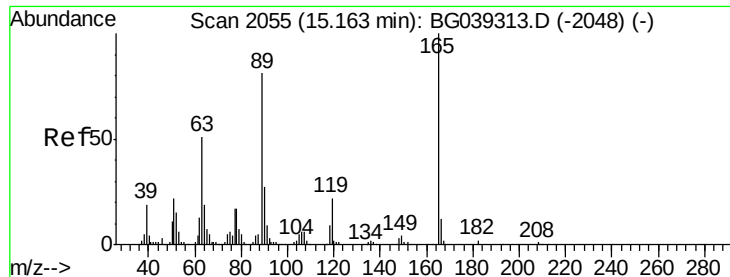
Tgt Ion:168 Resp: 411643
Ion Ratio Lower Upper
168 100
139 36.7 30.1 45.1
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 81.995 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Tgt Ion:139 Resp: 131866
Ion Ratio Lower Upper
139 100
109 84.8 61.9 101.9
65 112.5 99.1 139.1





#57

2,4-Dinitrotoluene

Concen: 43.637 ng

RT: 15.17 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

Tgt Ion:165 Resp: 90938

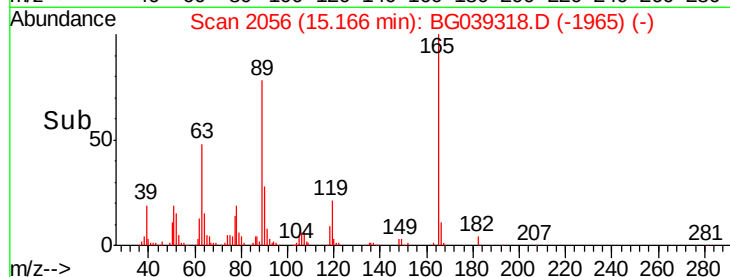
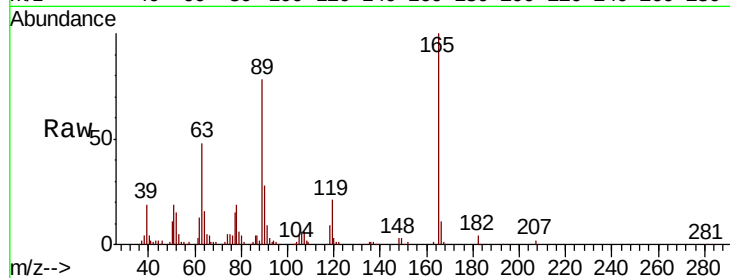
Ion Ratio Lower Upper

165 100

63 48.0 41.0 61.6

89 77.5 64.6 96.8

182 3.6 2.0 3.0#

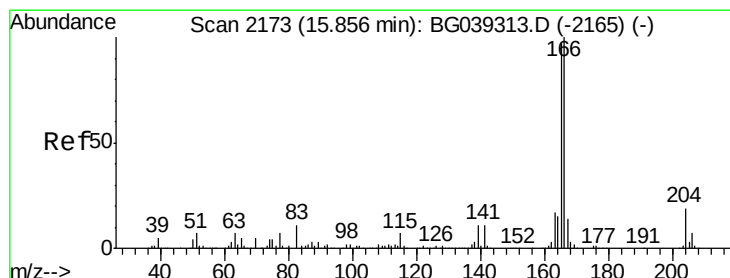
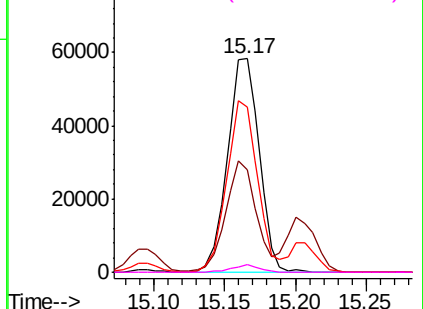


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.650 ng

RT: 15.85 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

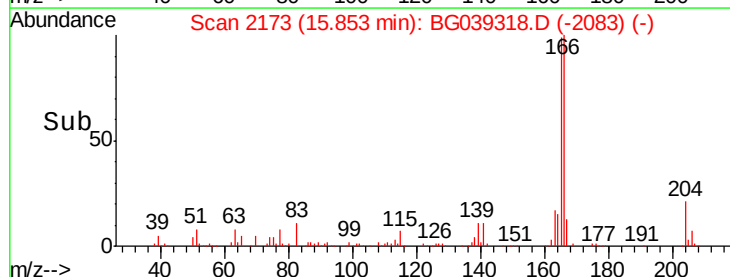
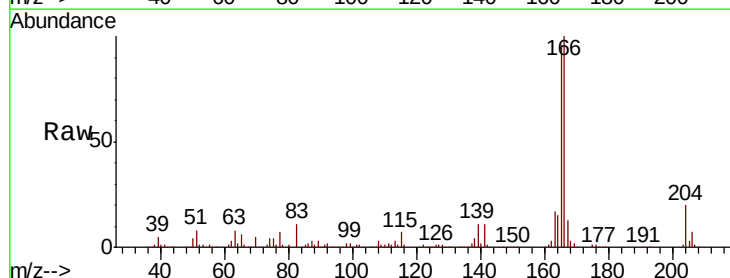
Tgt Ion:166 Resp: 327417

Ion Ratio Lower Upper

166 100

165 96.2 77.9 116.9

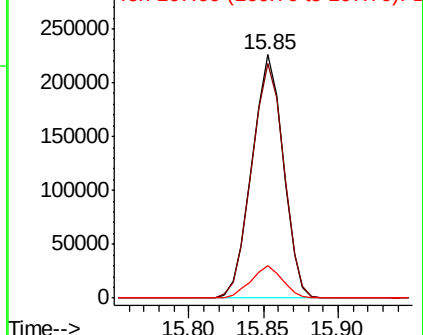
167 13.3 10.8 16.2

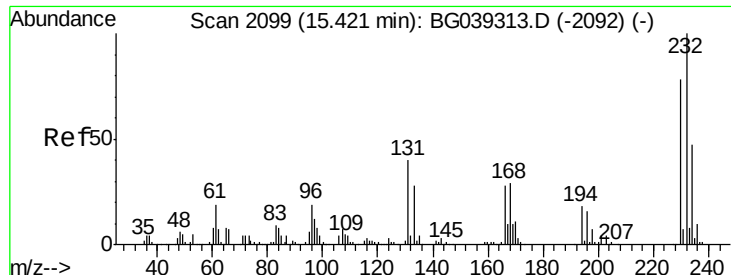


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

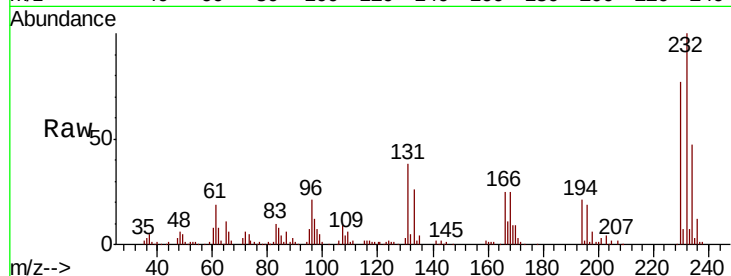




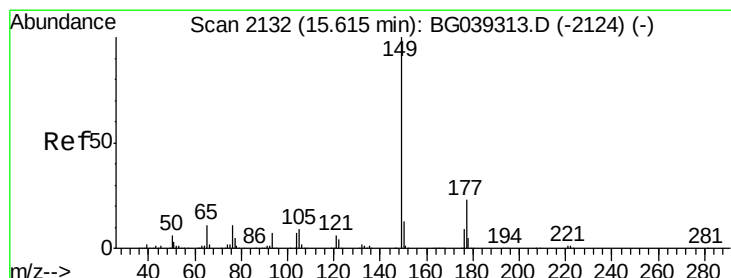
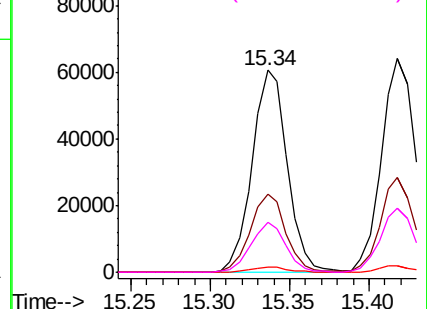
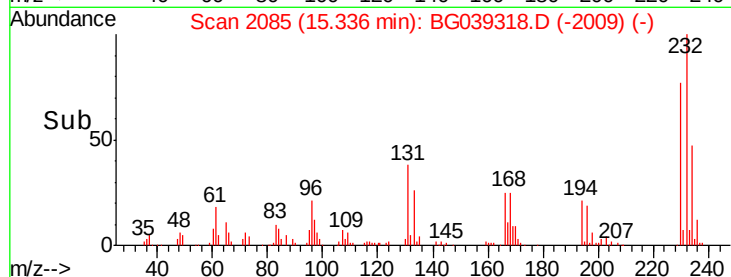
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.344 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.09 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BS

Tgt Ion:	232	Resp:	93577
Ion	Ratio	Lower	Upper
232	100		
131	38.9	34.9	52.3
130	2.4	2.0	3.0
166	24.3	24.1	36.1

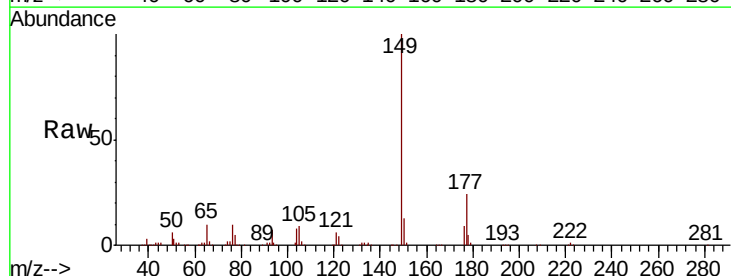


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

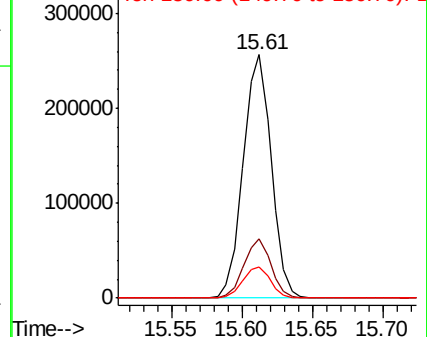
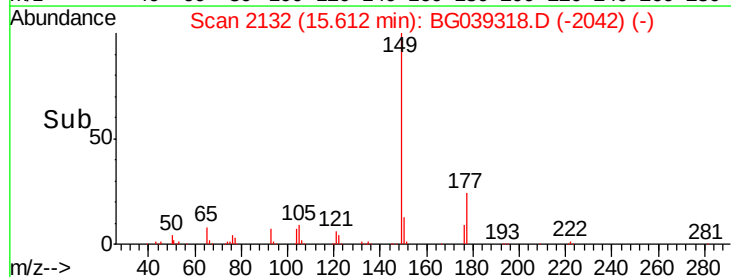


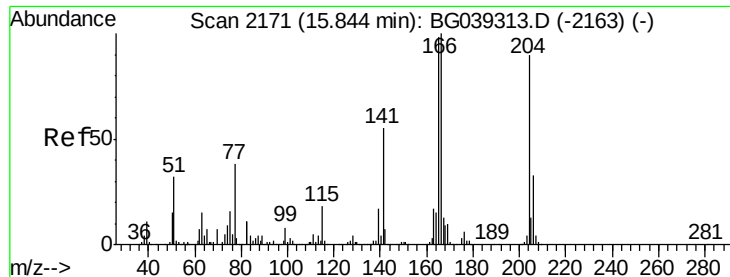
#60
 Diethylphthalate
 Concen: 38.777 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Tgt Ion:	149	Resp:	355935
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.3	27.5
150	12.8	10.2	15.2



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

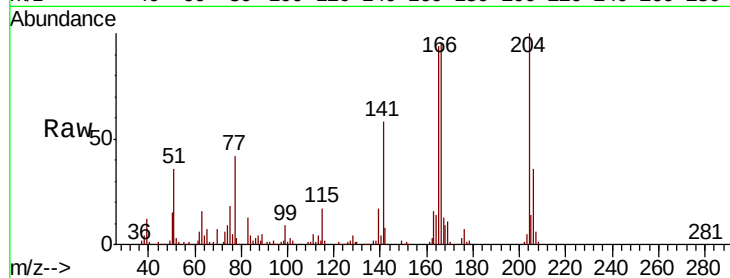




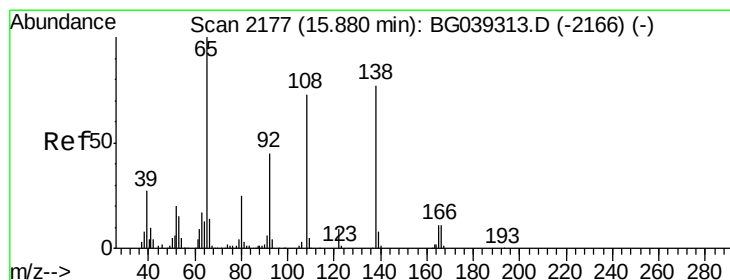
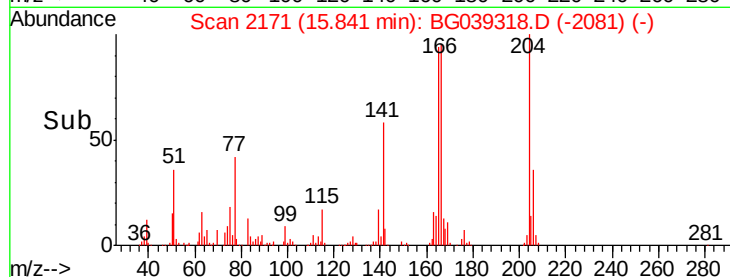
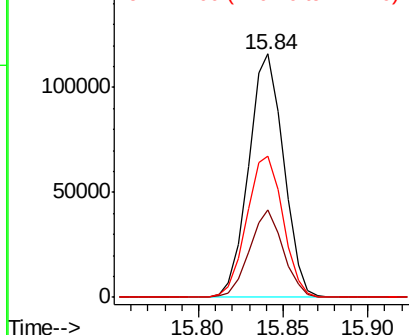
#61
4-Chlorophenyl-phenylether
Concen: 36.576 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Instrument :
BNA_G
ClientSampleId :
PB116679BS

Tgt Ion:204 Resp: 166812
Ion Ratio Lower Upper
204 100
206 35.9 29.2 43.8
141 58.2 49.0 73.4

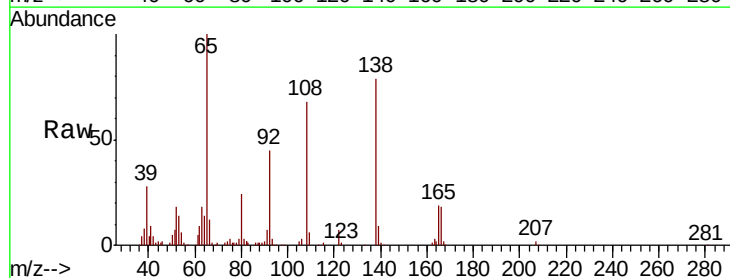


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

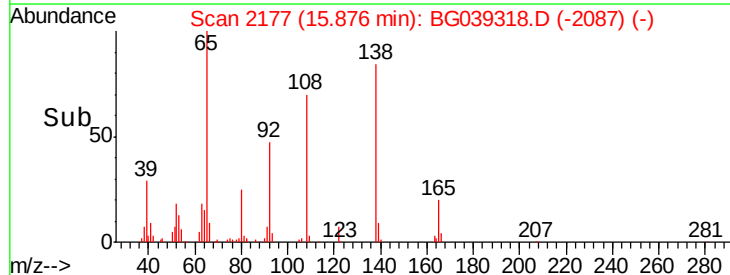
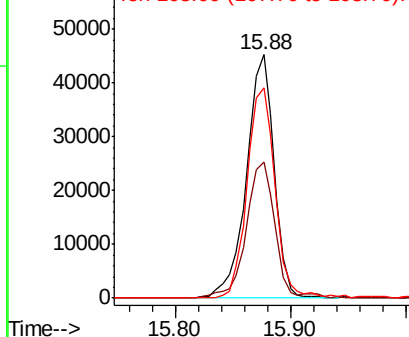


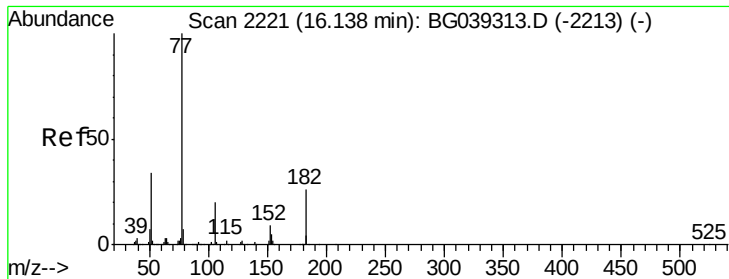
#62
4-Nitroaniline
Concen: 41.097 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Tgt Ion:138 Resp: 75274
Ion Ratio Lower Upper
138 100
92 56.2 38.7 78.7
108 86.2 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

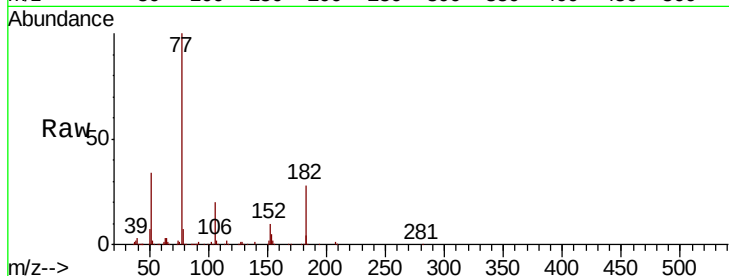




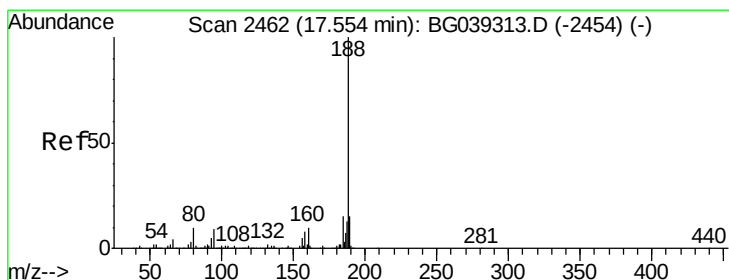
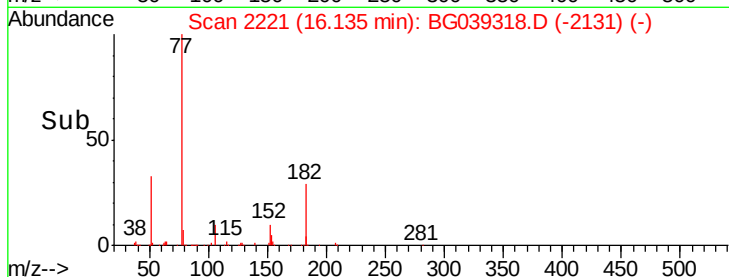
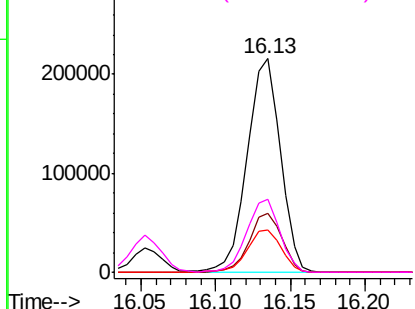
#63
Azobenzene
Concen: 36.938 ng
RT: 16.13 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Instrument :
BNA_G
ClientSampleId :
PB116679BS

Tgt Ion:	77	Resp:	331391
Ion	Ratio	Lower	Upper
77	100		
182	27.6	6.4	46.4
105	20.0	0.0	39.8
51	34.3	14.1	54.1

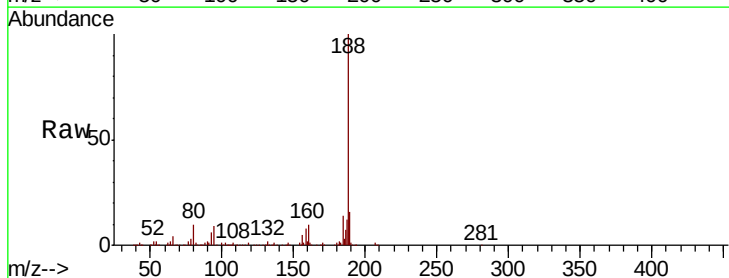


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

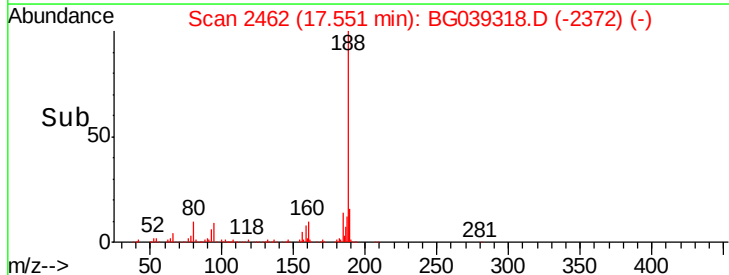
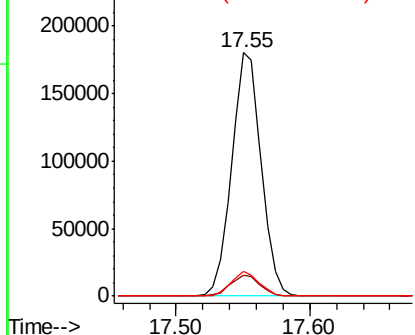


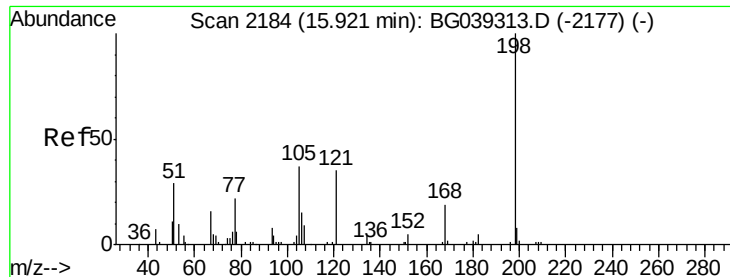
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Tgt Ion:	188	Resp:	276258
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	10.4	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.492 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

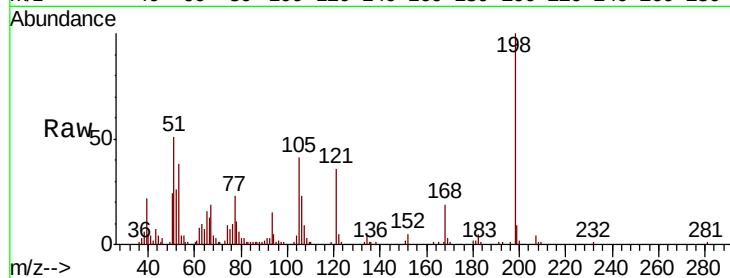
Tgt Ion:198 Resp: 42586

Ion Ratio Lower Upper

198 100

51 51.2 27.4 67.4

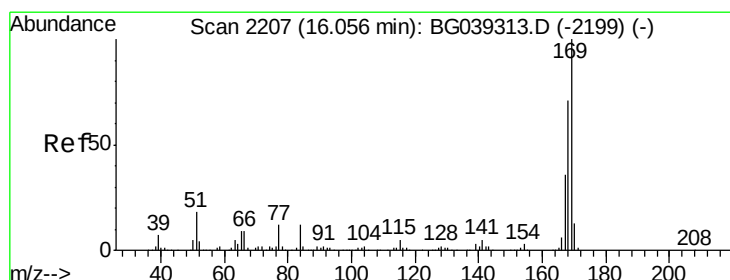
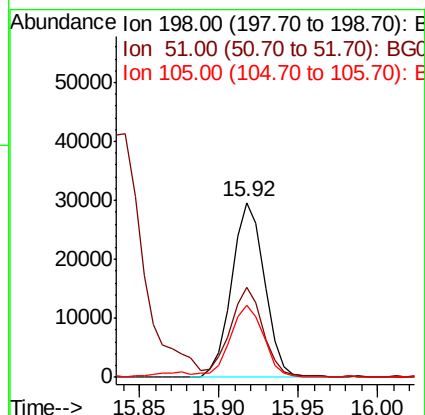
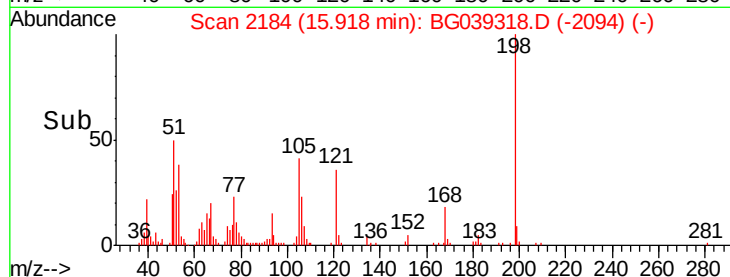
105 41.0 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.248 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

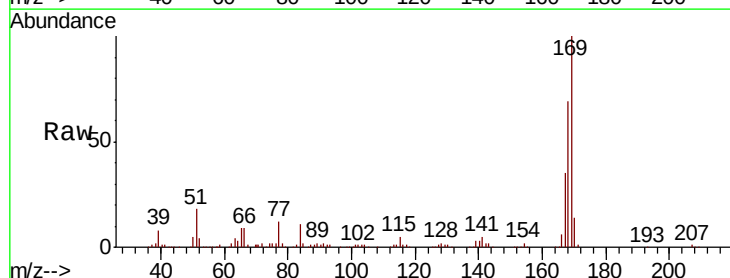
Tgt Ion:169 Resp: 304485

Ion Ratio Lower Upper

169 100

168 69.1 56.6 85.0

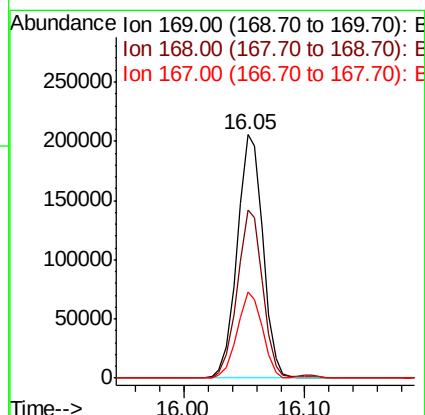
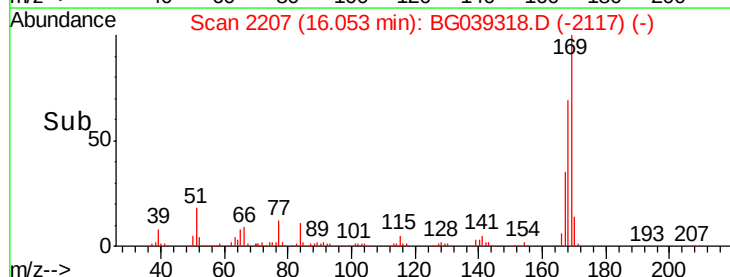
167 35.5 28.8 43.2

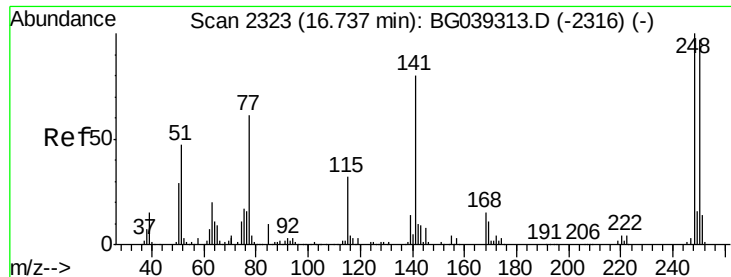


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

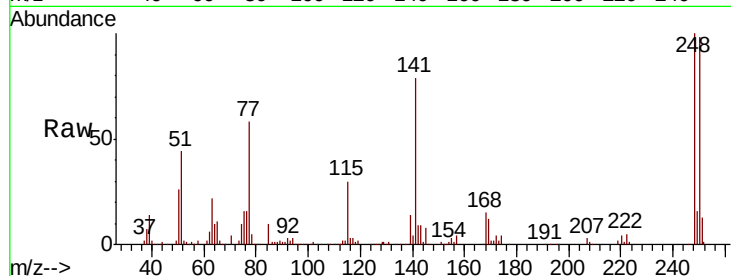




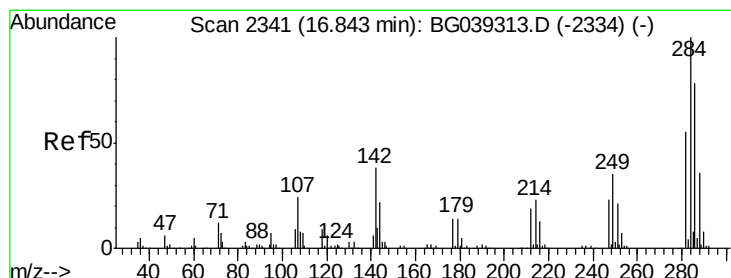
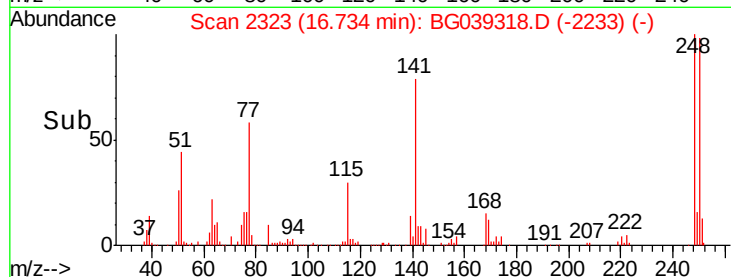
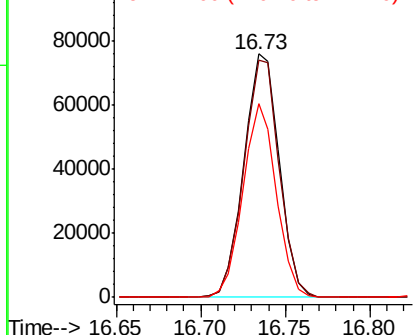
#67
 4-Bromophenyl-phenylether
 Concen: 35.971 ng
 RT: 16.73 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BS

Tgt Ion:248 Resp: 110242
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.6 116.4
 141 79.4 63.9 95.9

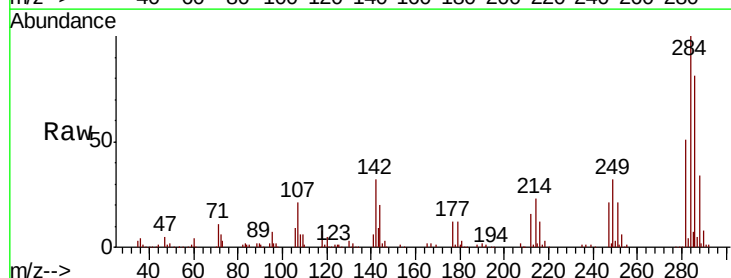


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

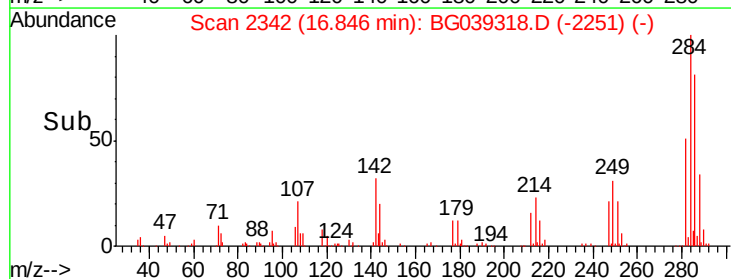
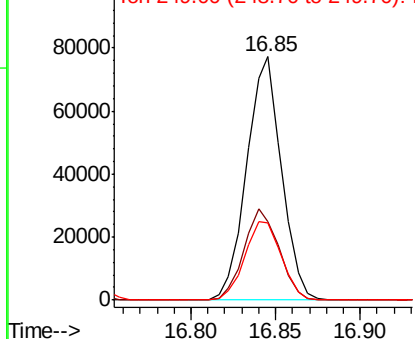


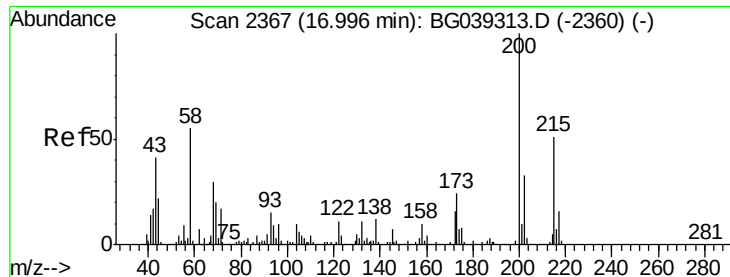
#68
 Hexachlorobenzene
 Concen: 35.909 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Tgt Ion:284 Resp: 110416
 Ion Ratio Lower Upper
 284 100
 142 32.4 30.6 45.8
 249 31.6 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: 39.281 ng

RT: 17.00 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

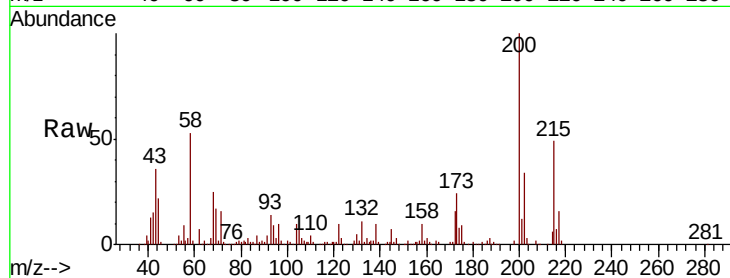
Tgt Ion:200 Resp: 120582

Ion Ratio Lower Upper

200 100

173 23.6 3.9 43.9

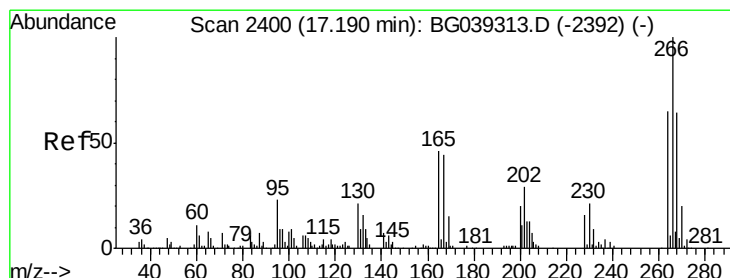
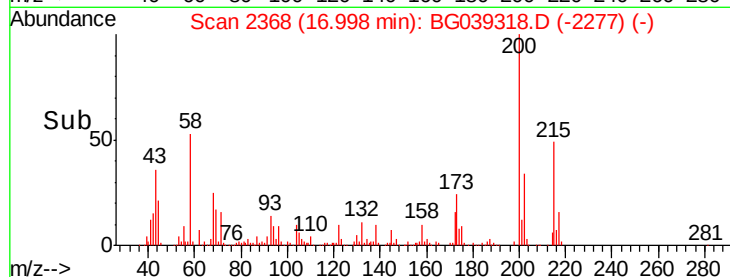
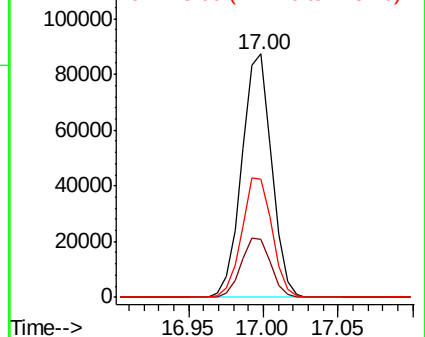
215 48.6 30.9 70.9



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: 69.804 ng

RT: 17.19 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

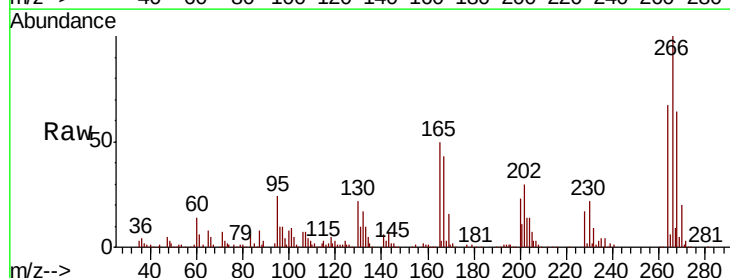
Tgt Ion:266 Resp: 149178

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

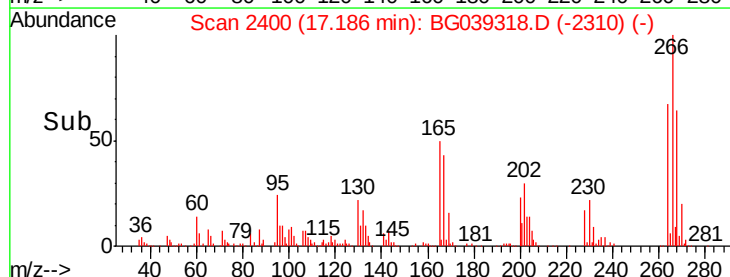
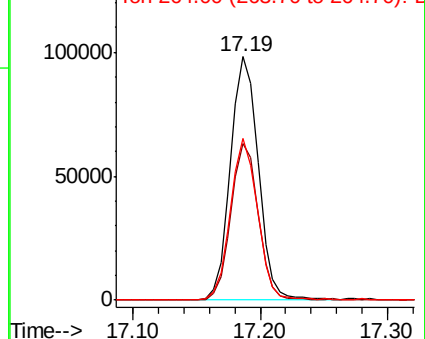
264 66.6 52.1 78.1

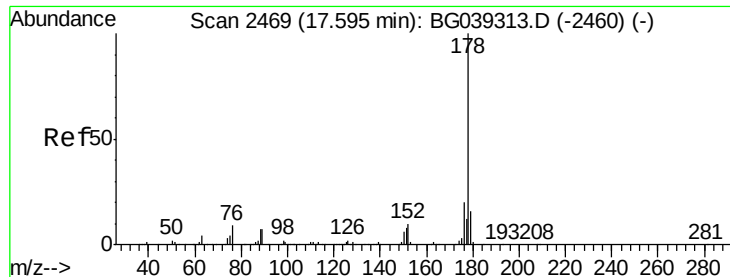


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.224 ng

RT: 17.60 min Scan# 2470

Delta R.T. 0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

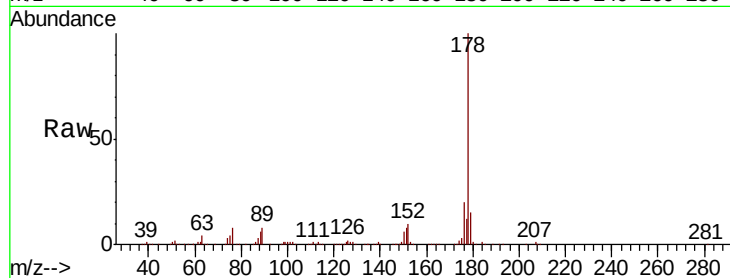
Tgt Ion:178 Resp: 560836

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

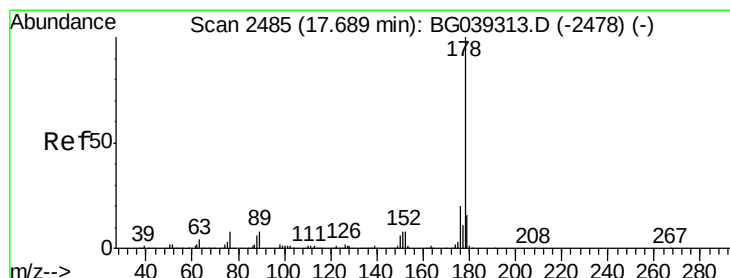
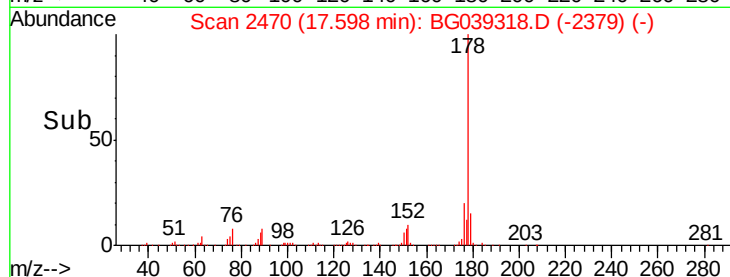
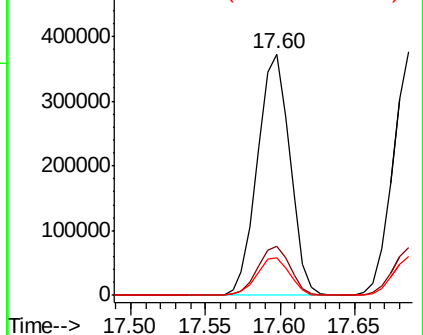
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.828 ng

RT: 17.69 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

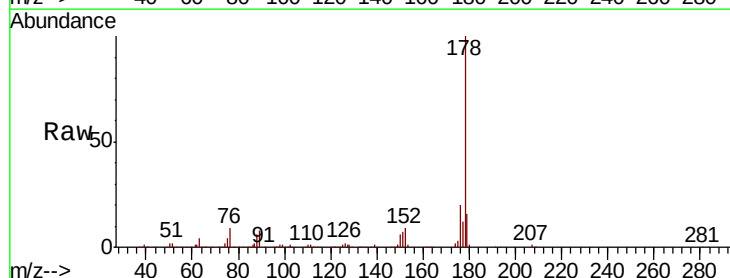
Tgt Ion:178 Resp: 575020

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

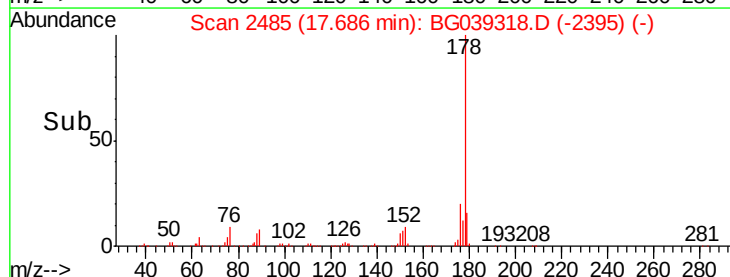
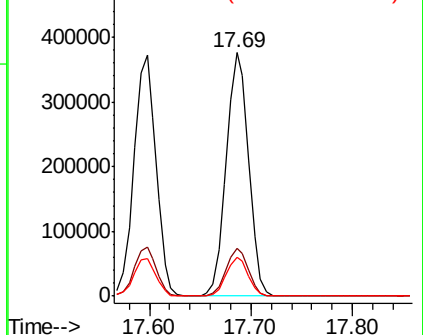
179 16.2 12.5 18.7

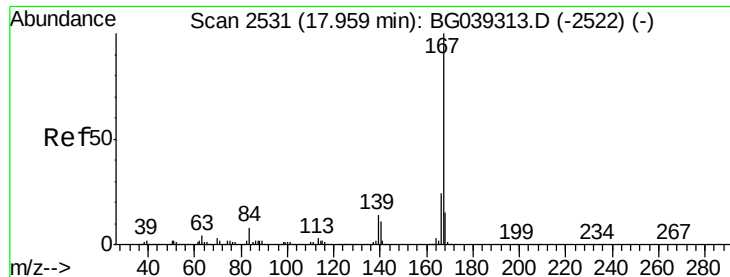


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

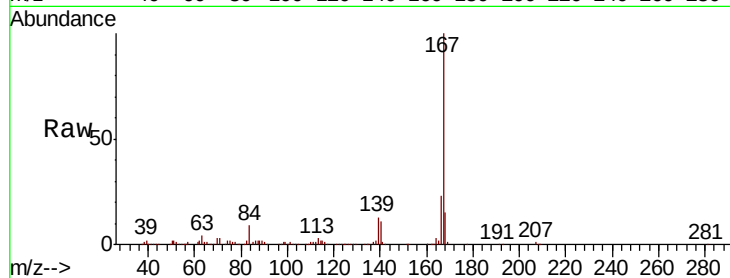




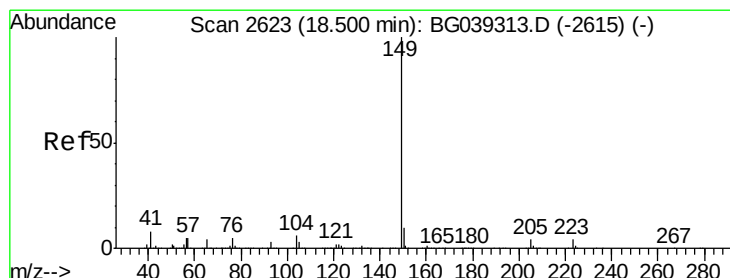
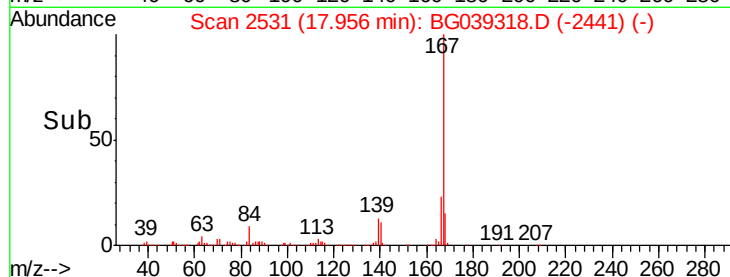
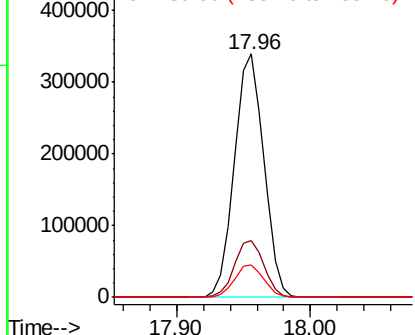
#73
 Carbazole
 Concen: 37.047 ng
 RT: 17.96 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.4	29.2
139	13.5	10.8	16.2

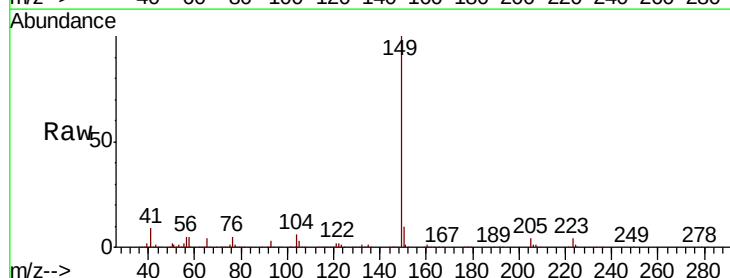


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

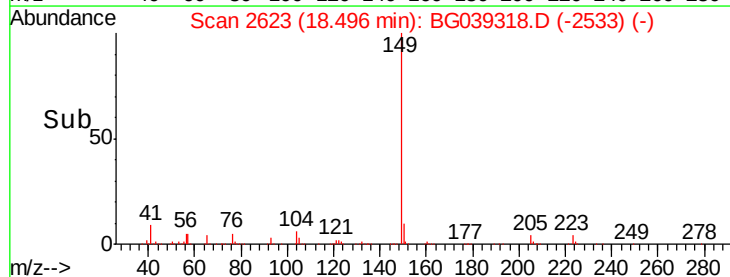
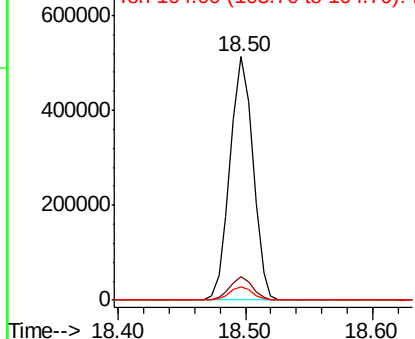


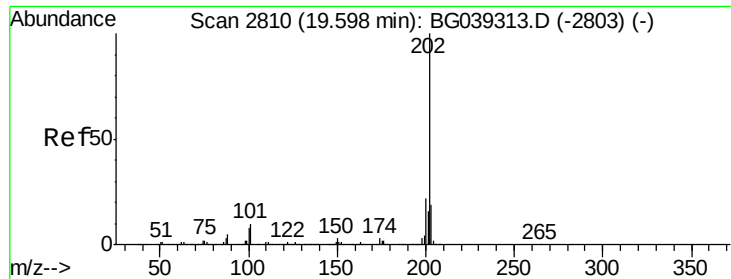
#74
 Di-n-butylphthalate
 Concen: 39.318 ng
 RT: 18.50 min Scan# 2623
 Delta R.T. -0.00 min
 Lab File: BG039318.D
 Acq: 29 Jan 2019 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.5	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: 41.389 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

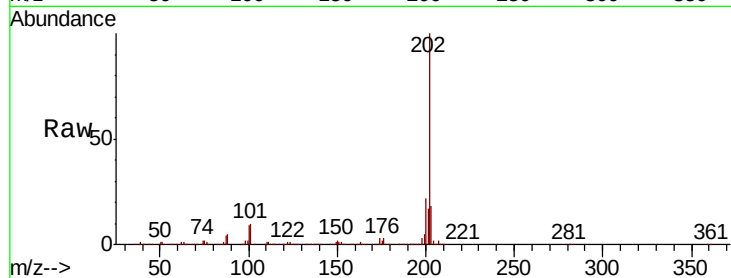
Tgt Ion:202 Resp: 686893

Ion Ratio Lower Upper

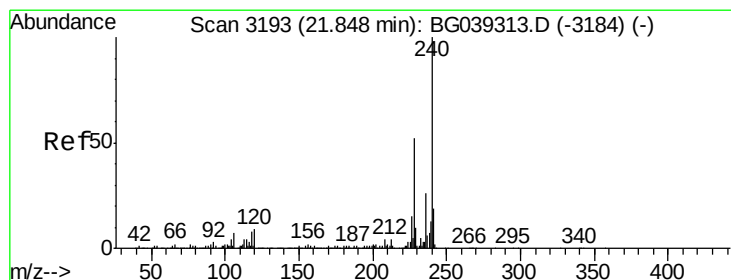
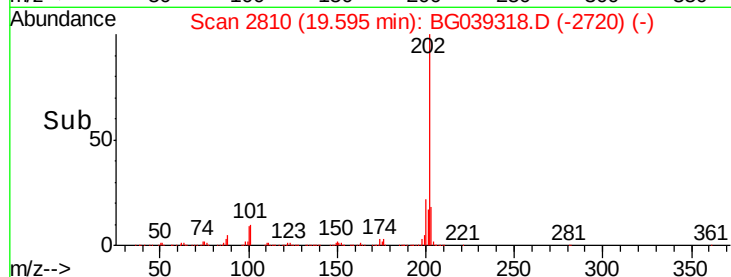
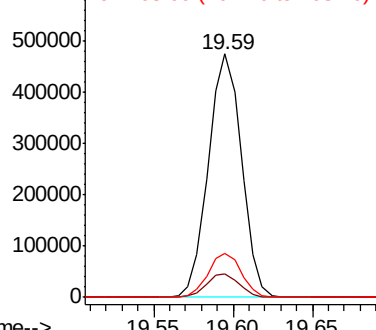
202 100

101 9.6 0.0 30.0

203 18.2 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: 21.85 min Scan# 3194

Delta R.T. 0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

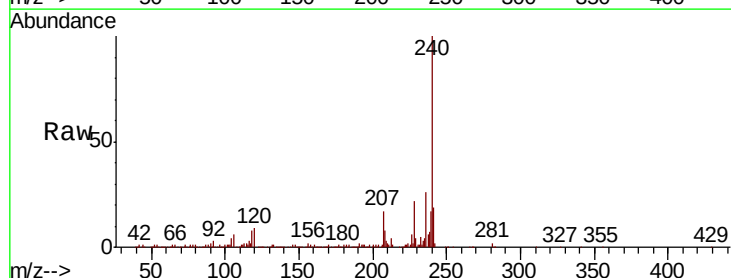
Tgt Ion:240 Resp: 287480

Ion Ratio Lower Upper

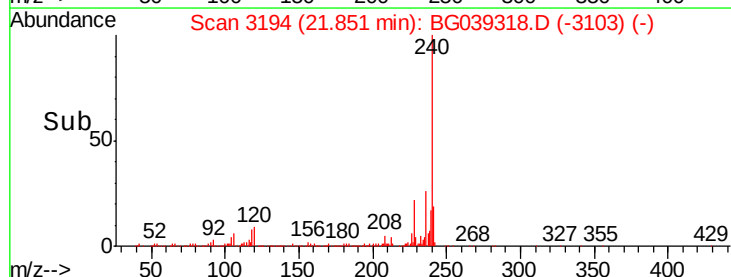
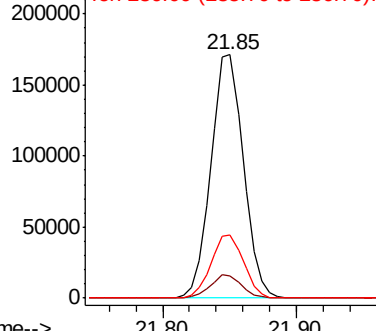
240 100

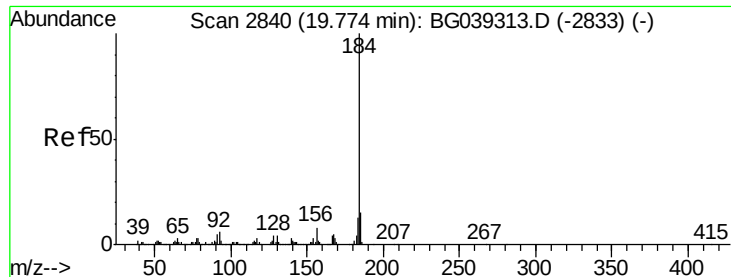
120 8.9 7.0 10.6

236 25.8 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: 30.801 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

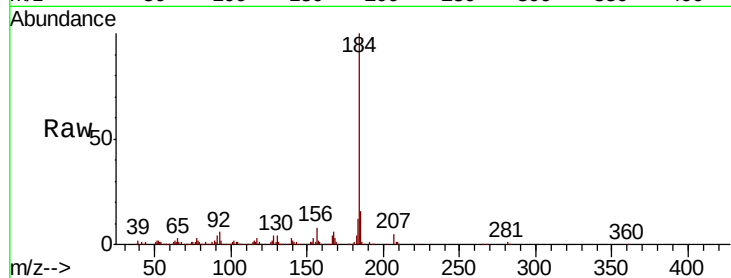
Tgt Ion:184 Resp: 290304

Ion Ratio Lower Upper

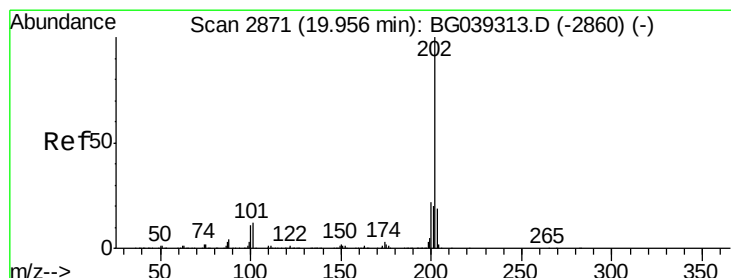
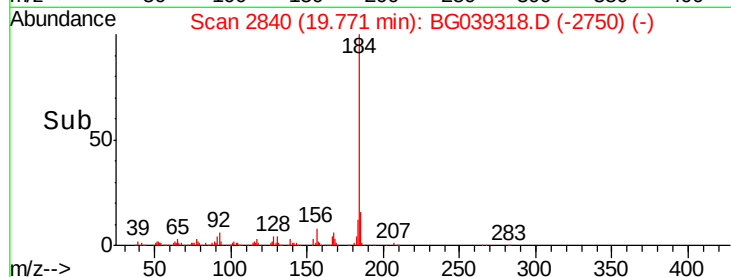
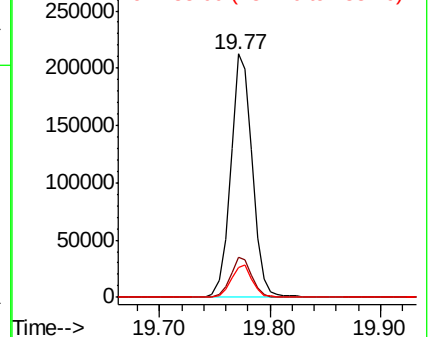
184 100

185 16.4 12.2 18.2

183 12.2 10.6 15.8



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



#78

Pyrene

Concen: 38.979 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

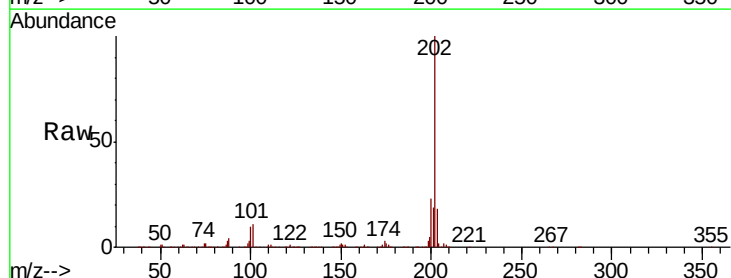
Tgt Ion:202 Resp: 697579

Ion Ratio Lower Upper

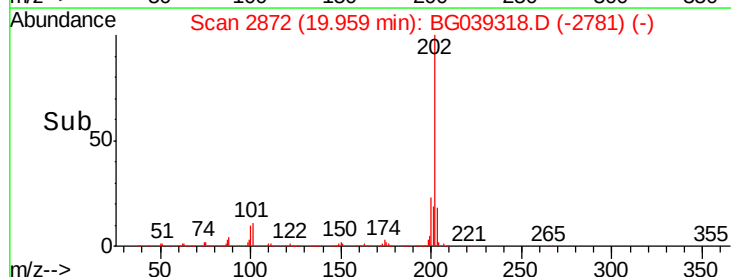
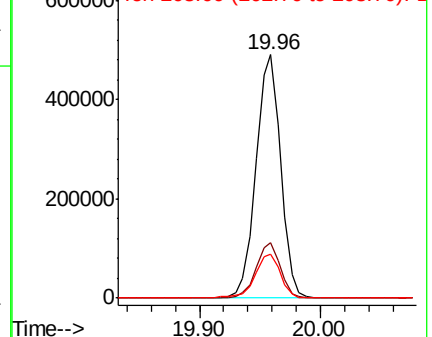
202 100

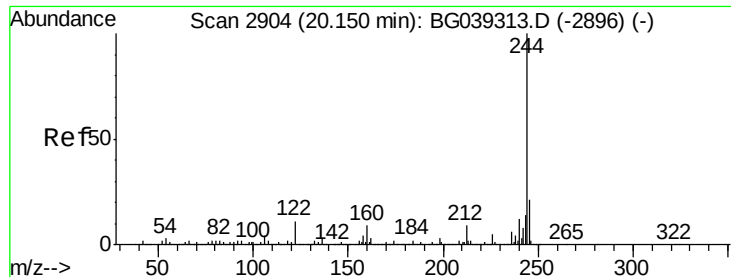
200 22.8 17.8 26.8

203 18.1 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: 66.681 ng

RT: 20.15 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

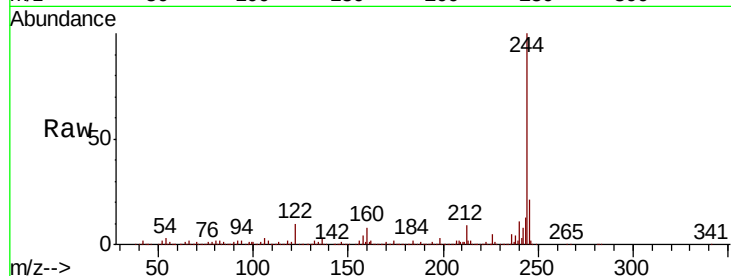
Tgt Ion:244 Resp: 905639

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

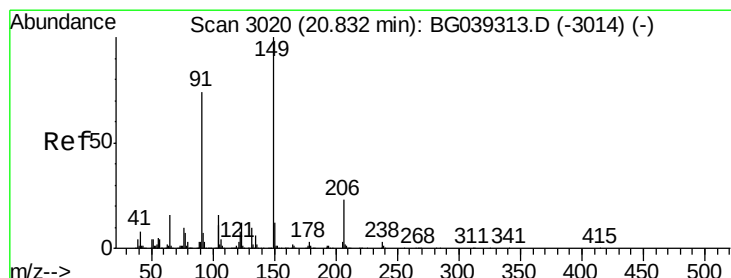
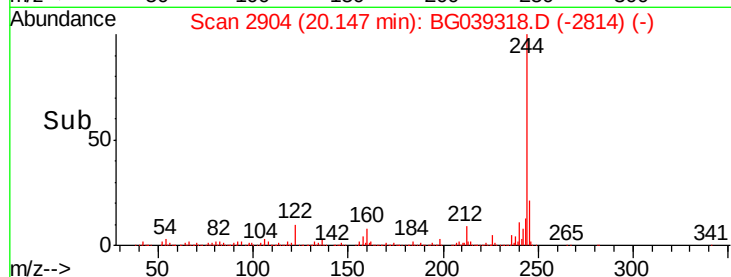
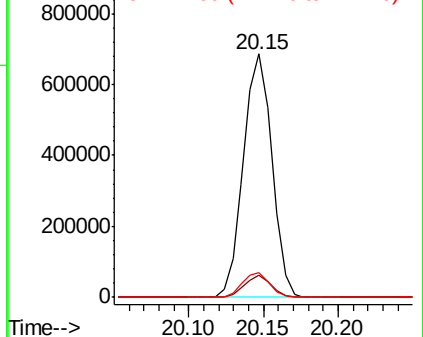
122 9.9 8.4 12.6



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: 39.741 ng

RT: 20.83 min Scan# 3021

Delta R.T. 0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

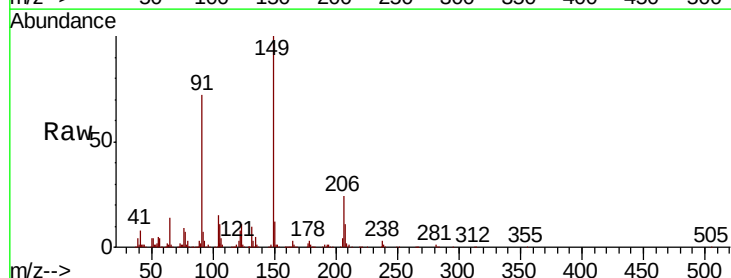
Tgt Ion:149 Resp: 300019

Ion Ratio Lower Upper

149 100

91 71.7 59.5 89.3

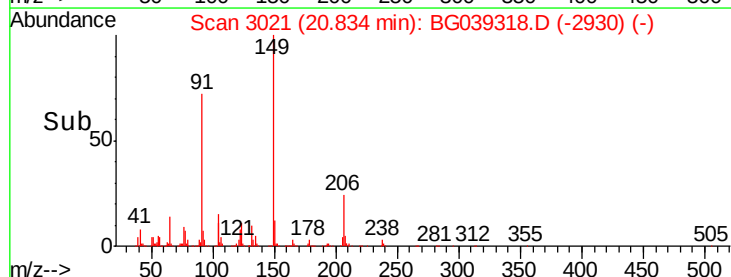
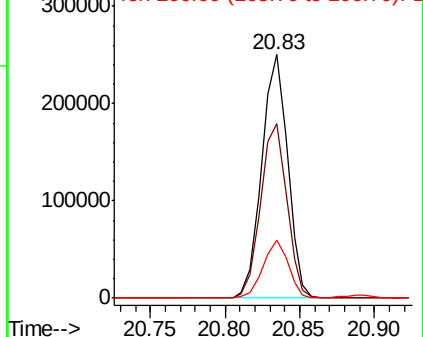
206 24.0 18.6 27.8

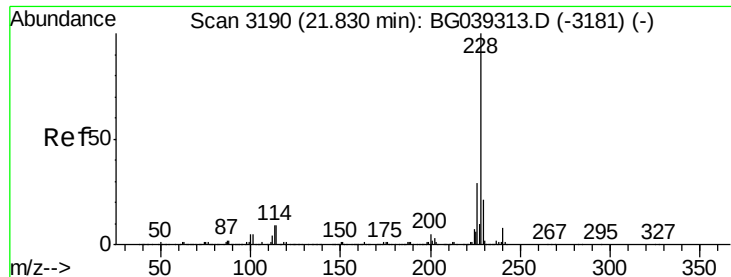


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.038 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

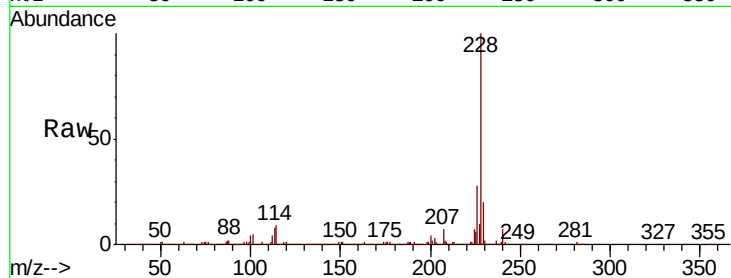
Tgt Ion:228 Resp: 680118

Ion Ratio Lower Upper

228 100

226 27.9 23.0 34.6

229 19.9 16.9 25.3

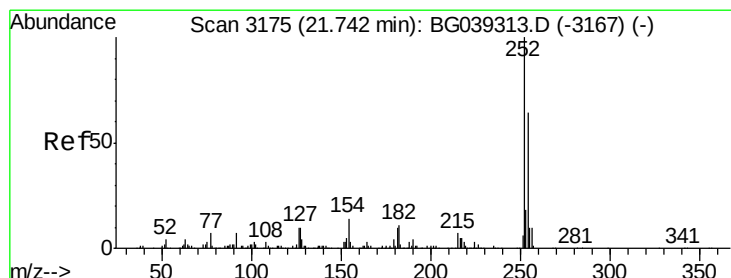
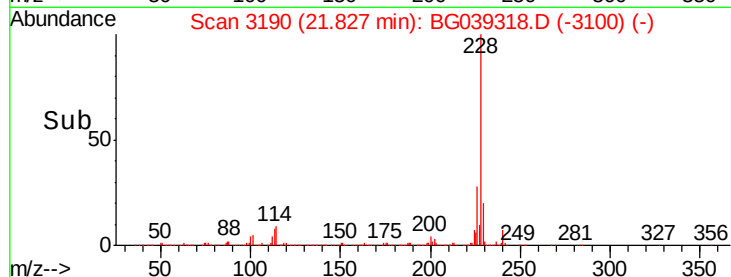
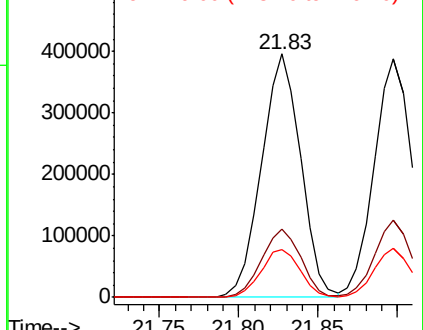


Abundance

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: 19.041 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

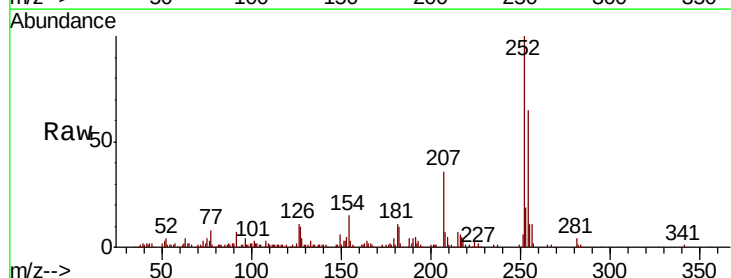
Tgt Ion:252 Resp: 119931

Ion Ratio Lower Upper

252 100

254 65.1 51.3 76.9

126 10.9 8.0 12.0

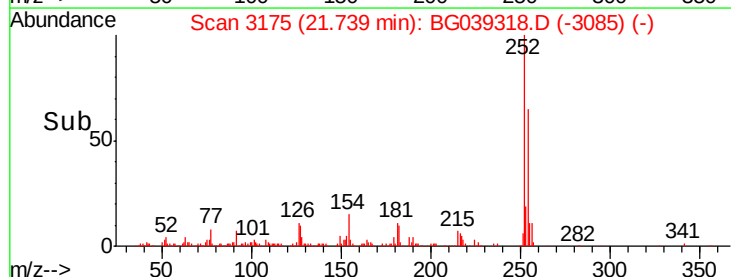
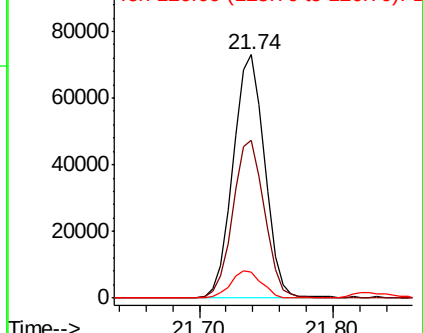


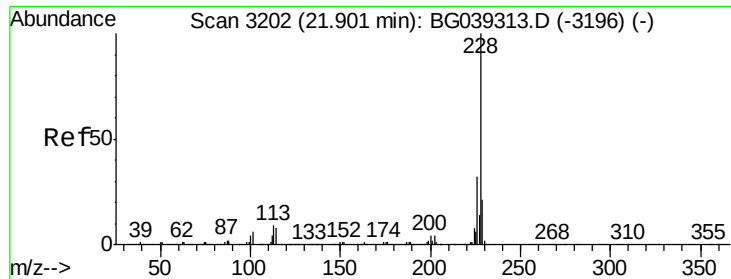
Abundance

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: 39.618 ng

RT: 21.90 min Scan# 3202

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

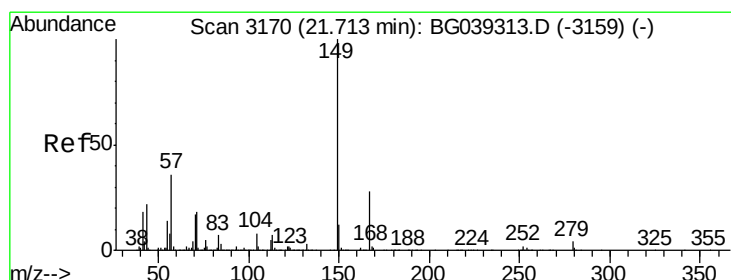
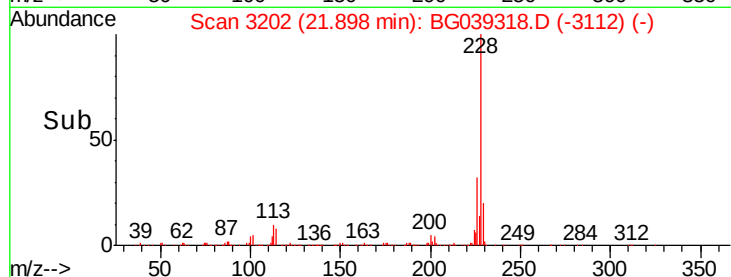
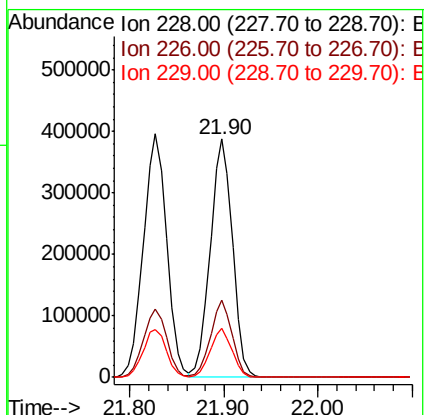
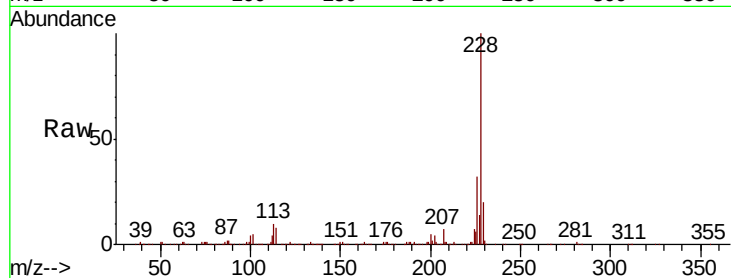
Tgt Ion:228 Resp: 640653

Ion Ratio Lower Upper

228 100

226 32.4 25.8 38.6

229 20.4 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.807 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

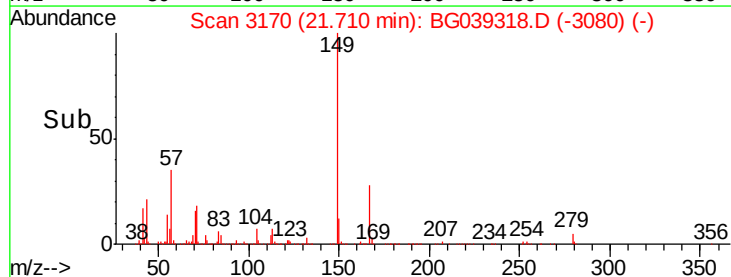
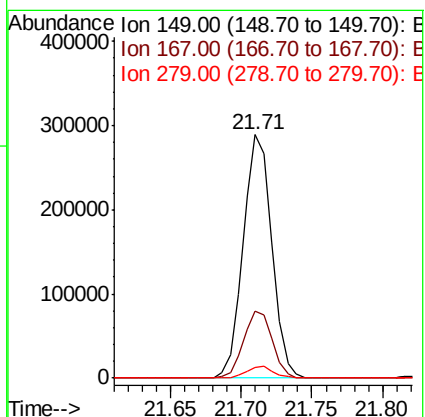
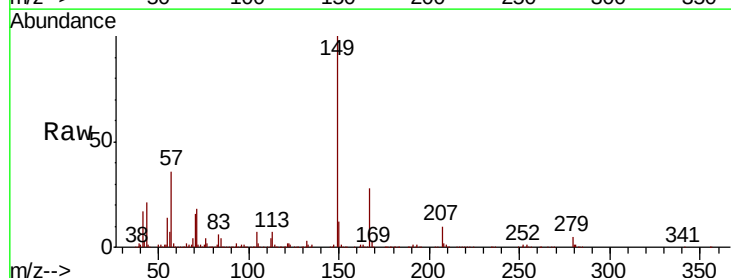
Tgt Ion:149 Resp: 407192

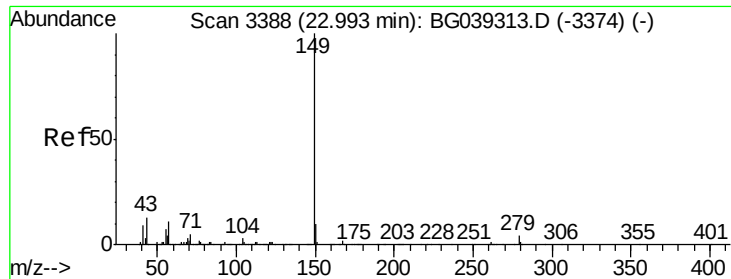
Ion Ratio Lower Upper

149 100

167 27.7 22.6 34.0

279 4.6 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 39.960 ng

RT: 22.99 min Scan# 3388

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

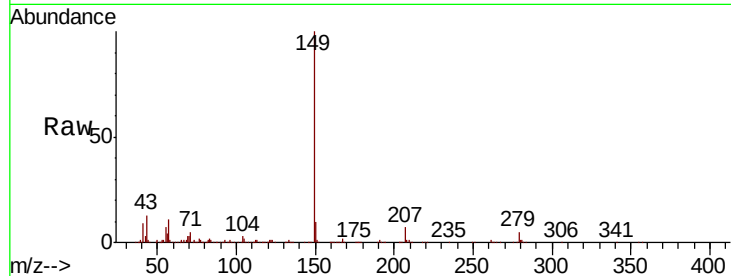
Tgt Ion:149 Resp: 711021

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

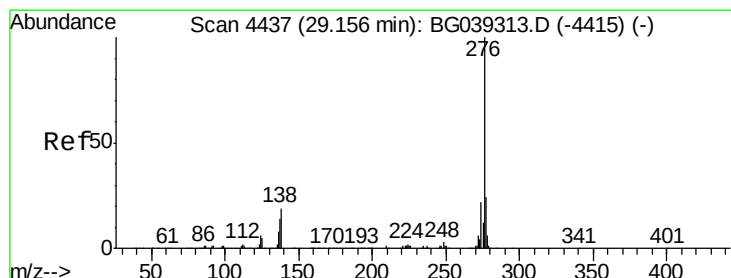
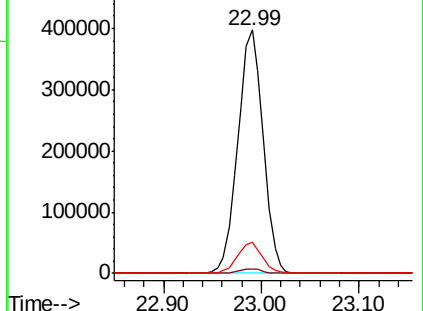
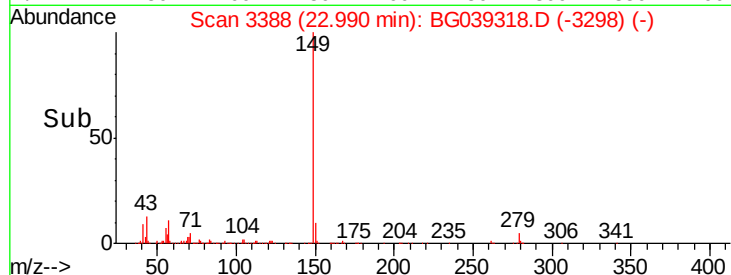
43 12.5 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.797 ng

RT: 29.15 min Scan# 4437

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

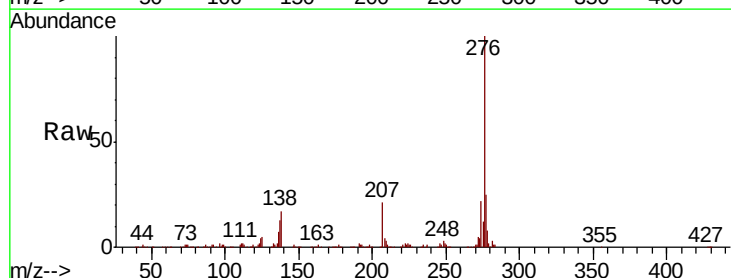
Tgt Ion:276 Resp: 725159

Ion Ratio Lower Upper

276 100

138 14.4 12.6 19.0

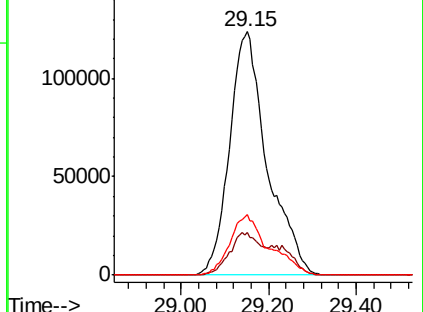
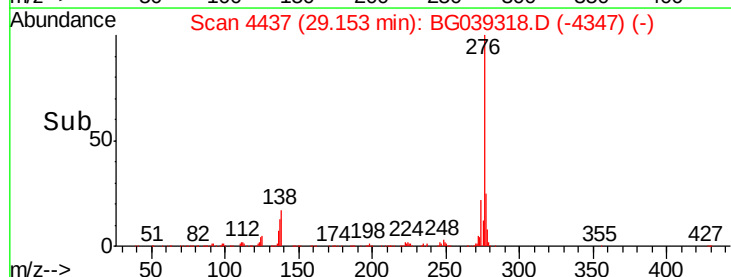
277 25.8 20.8 31.2

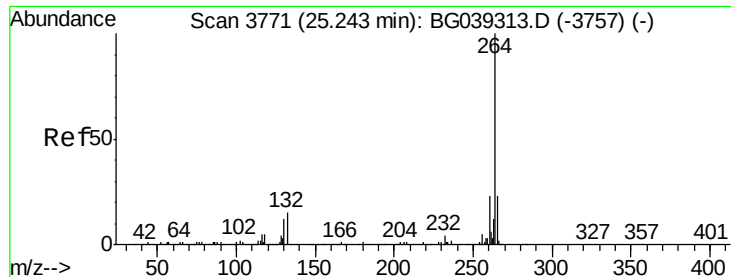


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.24 min Scan# 3771

Delta R.T. -0.00 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

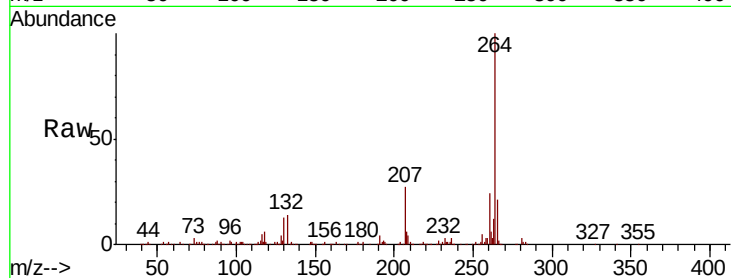
Tgt Ion:264 Resp: 289233

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

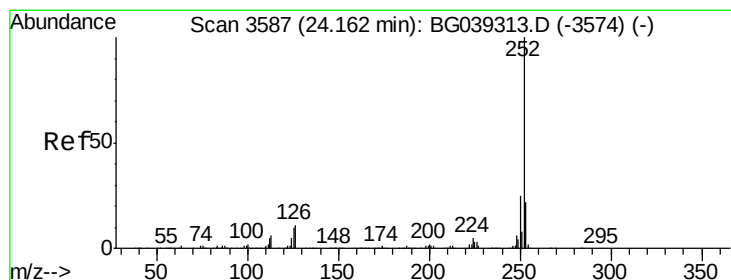
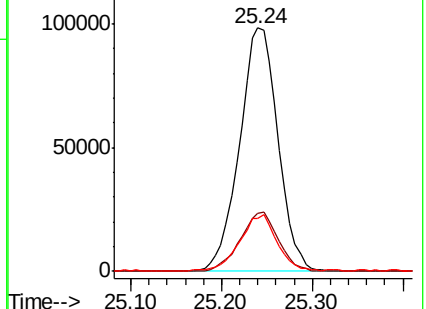
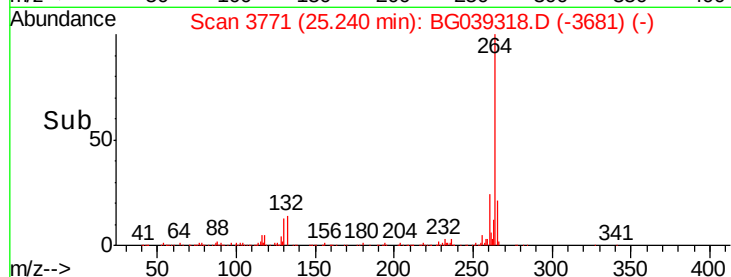
265 21.5 18.5 27.7



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: 42.079 ng

RT: 24.15 min Scan# 3586

Delta R.T. -0.01 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

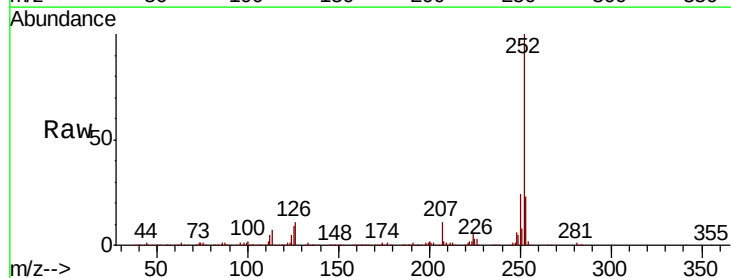
Tgt Ion:252 Resp: 663736

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

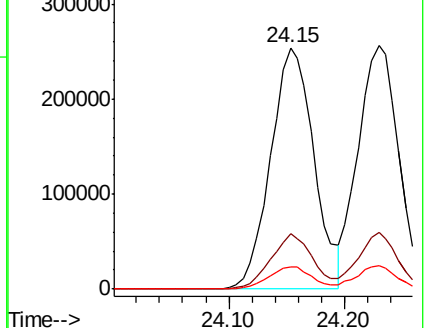
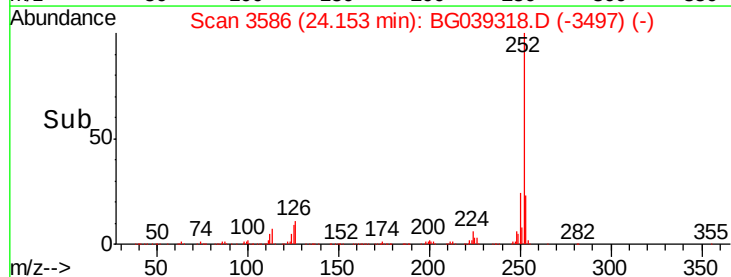
125 9.1 7.8 11.6

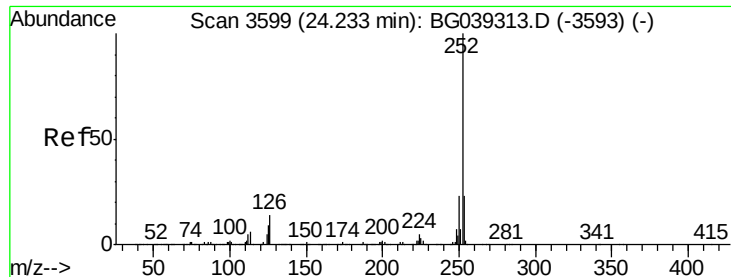


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

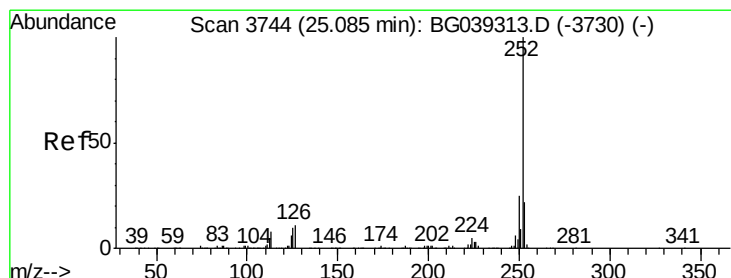
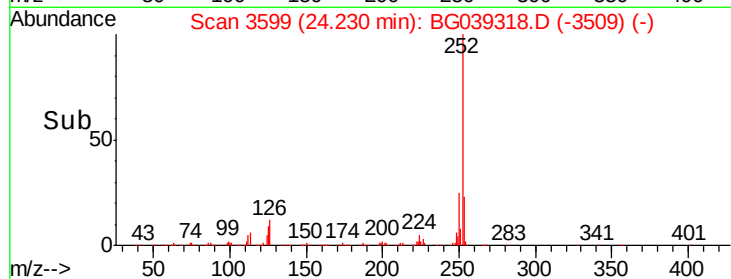
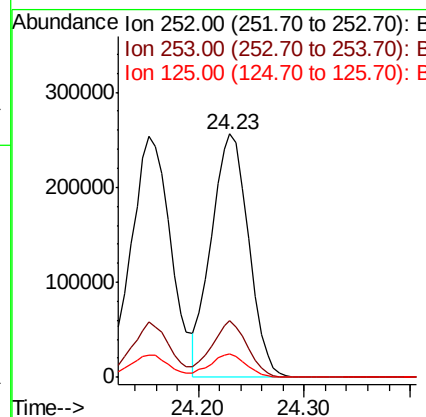
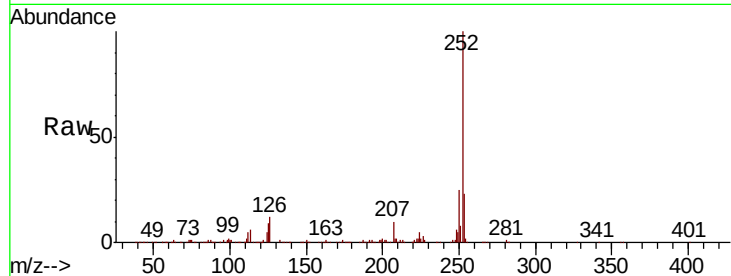




#89
Benzo(k)fluoranthene
Concen: 39.602 ng
RT: 24.23 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

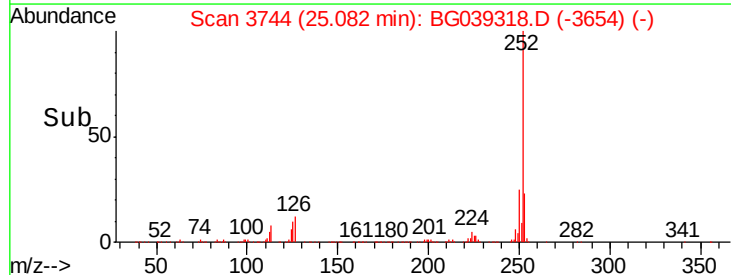
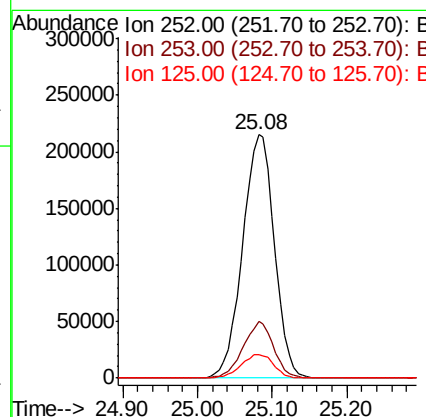
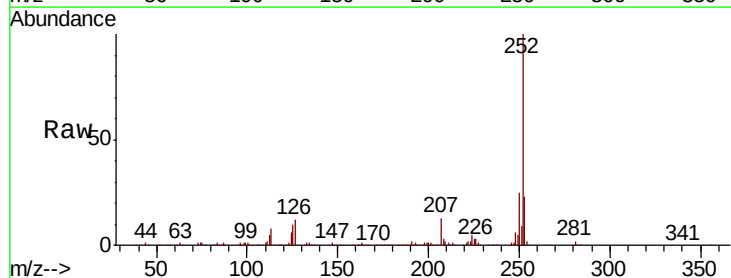
Instrument :
BNA_G
ClientSampleId :
PB116679BS

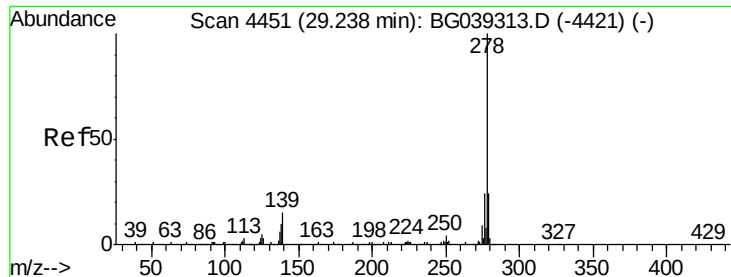
Tgt Ion: 252 Resp: 627149
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 41.678 ng
RT: 25.08 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BG039318.D
Acq: 29 Jan 2019 15:44

Tgt Ion: 252 Resp: 633128
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 9.8 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 41.167 ng

RT: 29.23 min Scan# 4450

Delta R.T. -0.01 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB116679BS

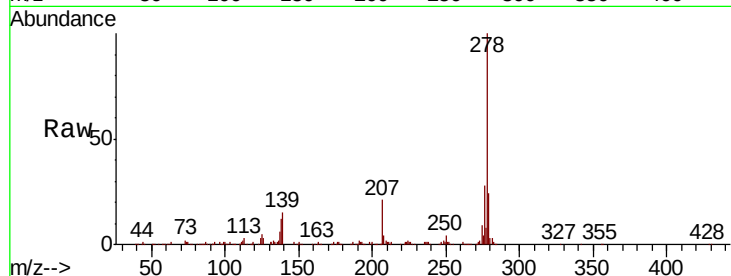
Tgt Ion:278 Resp: 585663

Ion Ratio Lower Upper

278 100

139 15.0 11.7 17.5

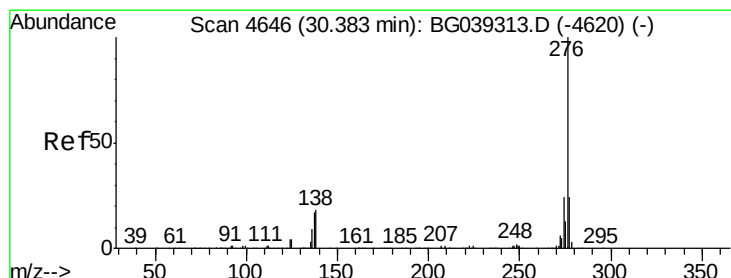
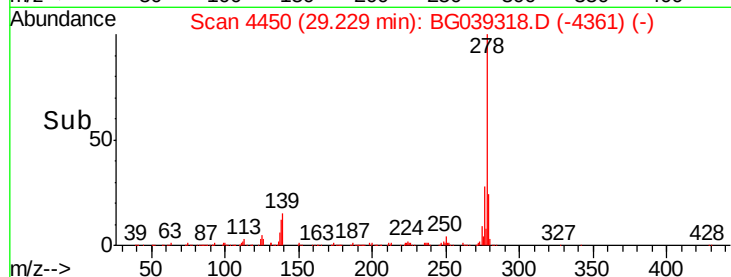
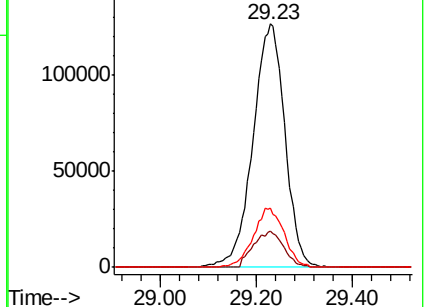
279 24.2 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.105 ng

RT: 30.37 min Scan# 4645

Delta R.T. -0.01 min

Lab File: BG039318.D

Acq: 29 Jan 2019 15:44

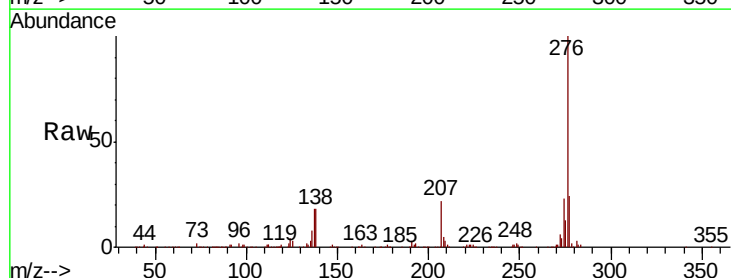
Tgt Ion:276 Resp: 597040

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 18.3 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

