

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
 Data File : BG039335.D
 Acq On : 30 Jan 2019 19:51
 Operator : JU/SJ
 Sample : PB116724BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Quant Time: Jan 31 05:42:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	43736	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	190658	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	131446	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	320014	20.00	ng	0.00
76) Chrysene-d12	21.84	240	330271	20.00	ng	0.00
87) Perylene-d12	25.23	264	343477	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	392542	153.61	ng	0.00
7) Phenol-d6	7.32	99	558172	148.39	ng	0.00
23) Nitrobenzene-d5	9.36	82	275871	90.39	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	203968	144.10	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	692590	75.59	ng	0.00
79) Terphenyl-d14	20.14	244	1230002	78.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	37742	33.765	ng	96
3) Pyridine	4.01	79	108130	36.537	ng	98
4) n-Nitrosodimethylamine	3.93	42	62321	42.107	ng	96
6) Aniline	7.51	93	137007	29.079	ng	99
8) 2-Chlorophenol	7.74	128	123942	44.371	ng	95
9) Benzaldehyde	7.32	77	31924	13.477	ng	94
10) Phenol	7.35	94	172301	43.942	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	117964	38.073	ng	98
12) 1,3-Dichlorobenzene	8.06	146	127308	37.622	ng	96
13) 1,4-Dichlorobenzene	8.22	146	129815	38.489	ng	99
14) 1,2-Dichlorobenzene	8.53	146	126292	38.680	ng	98
15) Benzyl Alcohol	8.42	79	122381	41.442	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	256089	36.601	ng	99
17) 2-Methylphenol	8.61	107	110119	43.398	ng	99
18) Hexachloroethane	9.27	117	45809	39.478	ng	97
19) n-Nitroso-di-n-propylamine	8.99	70	97715	36.601	ng	98
20) 3+4-Methylphenols	8.93	107	150371	43.035	ng	97
22) Acetophenone	9.01	105	186096	36.337	ng	98
24) Nitrobenzene	9.40	77	142827	43.319	ng	98
25) Isophorone	9.92	82	280054	41.410	ng	99
26) 2-Nitrophenol	10.11	139	60837	47.394	ng	93
27) 2,4-Dimethylphenol	10.15	122	132956	48.598	ng	97
28) bis(2-Chloroethoxy)methane	10.40	93	167748	40.269	ng	96
29) 2,4-Dichlorophenol	10.64	162	135346	45.266	ng	94
30) 1,2,4-Trichlorobenzene	10.86	180	129191	38.485	ng	97
31) Naphthalene	11.05	128	392090	41.454	ng	99
32) Benzoic acid	10.27	122	85757	47.894	ng	91
33) 4-Chloroaniline	11.17	127	81225	18.521	ng	97
34) Hexachlorobutadiene	11.32	225	83339	37.330	ng	95
35) Caprolactam	11.94	113	26980	21.805	ng	96
36) 4-Chloro-3-methylphenol	12.26	107	149603	43.263	ng	97
37) 2-Methylnaphthalene	12.65	142	297534	42.472	ng	98
38) 1-Methylnaphthalene	12.86	142	284077	42.067	ng	97
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	155273	37.127	ng	98

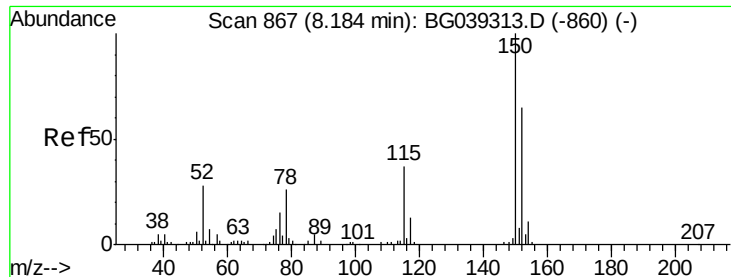
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
 Data File : BG039335.D
 Acq On : 30 Jan 2019 19:51
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	210411	92.328	ng	97
43) 2,4,6-Trichlorophenol	13.24	196	107809	41.925	ng	97
44) 2,4,5-Trichlorophenol	13.31	196	116704	43.302	ng	97
46) 1,1'-Biphenyl	13.64	154	393110	35.944	ng	98
47) 2-Chloronaphthalene	13.69	162	297502	36.160	ng	98
48) 2-Nitroaniline	13.89	65	99256	43.034	ng	97
49) Acenaphthylene	14.53	152	492684	39.686	ng	99
50) Dimethylphthalate	14.26	163	404481	38.101	ng	98
51) 2,6-Dinitrotoluene	14.38	165	82547	42.478	ng	96
52) Acenaphthene	14.87	154	298187	37.003	ng	99
53) 3-Nitroaniline	14.71	138	53238	27.659	ng	# 97
54) 2,4-Dinitrophenol	14.91	184	76341	84.599	ng	96
55) Dibenzofuran	15.20	168	489447	37.882	ng	99
56) 4-Nitrophenol	15.00	139	158994	82.627	ng	94
57) 2,4-Dinitrotoluene	15.16	165	116899	46.323	ng	94
58) Fluorene	15.85	166	394285	40.936	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.42	232	115678	45.841	ng	99
60) Diethylphthalate	15.61	149	414332	37.748	ng	98
61) 4-Chlorophenyl-phenylether	15.84	204	196837	36.092	ng	97
62) 4-Nitroaniline	15.88	138	93637	42.582	ng	92
63) Azobenzene	16.13	77	386644	36.040	ng	99
65) 4,6-Dinitro-2-methylphenol	15.92	198	61057	48.305	ng	98
66) n-Nitrosodiphenylamine	16.05	169	357503	36.740	ng	99
67) 4-Bromophenyl-phenylether	16.73	248	131164	36.946	ng	99
68) Hexachlorobenzene	16.84	284	134801	37.845	ng	96
69) Atrazine	16.99	200	145408	40.892	ng	97
70) Pentachlorophenol	17.19	266	186541	75.352	ng	97
71) Phenanthrene	17.59	178	664968	40.148	ng	100
72) Anthracene	17.69	178	676376	41.458	ng	99
73) Carbazole	17.95	167	606070	37.224	ng	100
74) Di-n-butylphthalate	18.49	149	739258	38.919	ng	99
75) Fluoranthene	19.59	202	820325	42.671	ng	99
77) Benzidine	19.77	184	280089	25.867	ng	99
78) Pyrene	19.95	202	818289	39.800	ng	99
80) Butylbenzylphthalate	20.83	149	342702	39.513	ng	98
81) Benzo(a)anthracene	21.82	228	803471	41.171	ng	99
82) 3,3'-Dichlorobenzidine	21.73	252	163116	22.542	ng	97
83) Chrysene	21.89	228	752247	40.492	ng	99
84) Bis(2-ethylhexyl)phthalate	21.70	149	489653	39.573	ng	98
85) Di-n-octyl phthalate	22.98	149	827908	40.500	ng	99
86) Indeno(1,2,3-cd)pyrene	29.14	276	900779	45.192	ng	97
88) Benzo(b)fluoranthene	24.15	252	782853	41.793	ng	99
89) Benzo(k)fluoranthene	24.22	252	760965	40.463	ng	100
90) Benzo(a)pyrene	25.07	252	769876	42.676	ng	98
91) Dibenzo(a,h)anthracene	29.22	278	724625	42.891	ng	98
92) Benzo(g,h,i)perylene	30.37	276	741899	44.058	ng	98

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

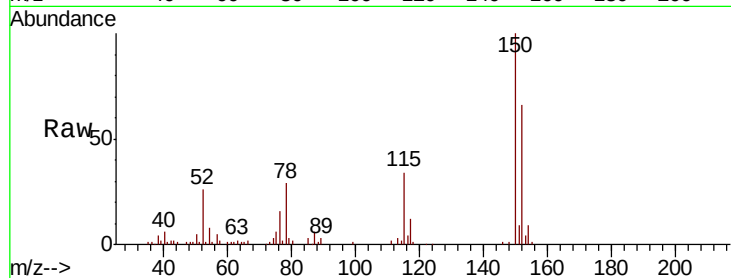


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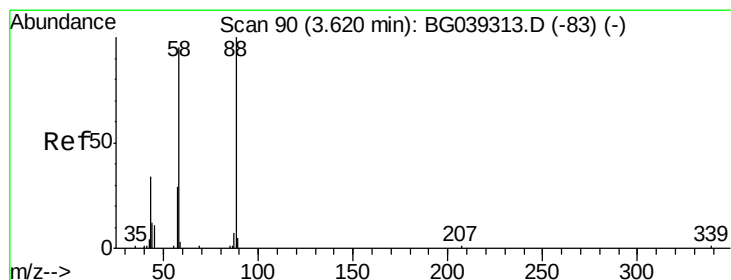
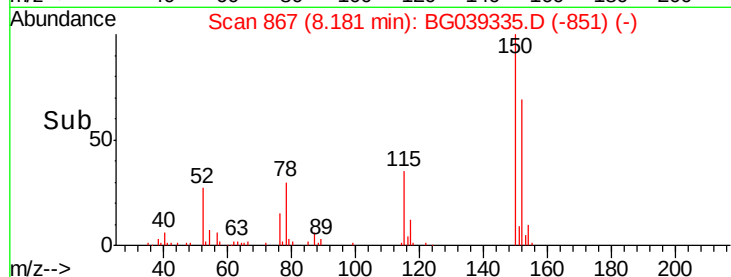
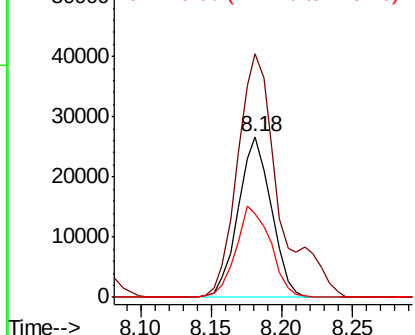
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tgt Ion:152 Resp: 43736
Ion Ratio Lower Upper
152 100
150 151.4 123.7 185.5
115 51.6 45.9 68.9



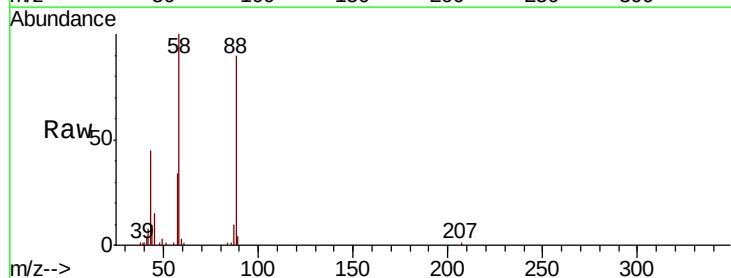
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



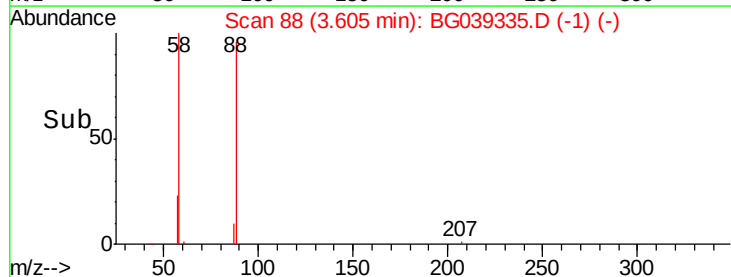
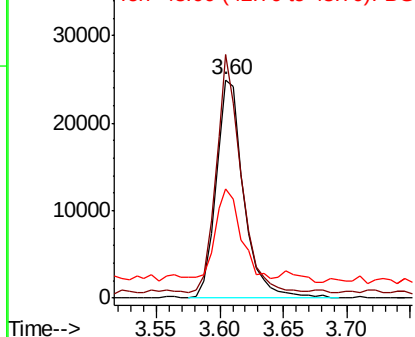
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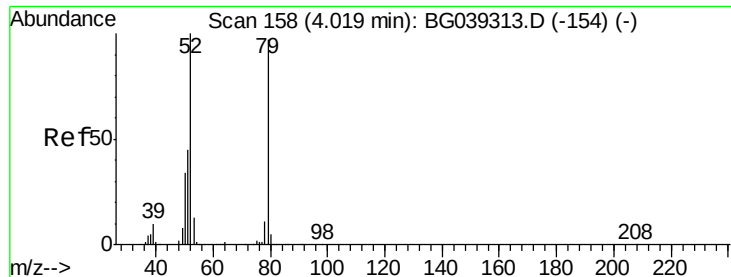
1,4-Dioxane
Concen: 33.765 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion: 88 Resp: 37742
Ion Ratio Lower Upper
88 100
58 97.3 81.1 121.7
43 37.5 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: 36.537 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

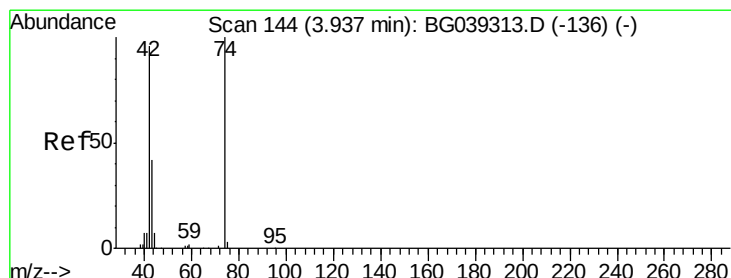
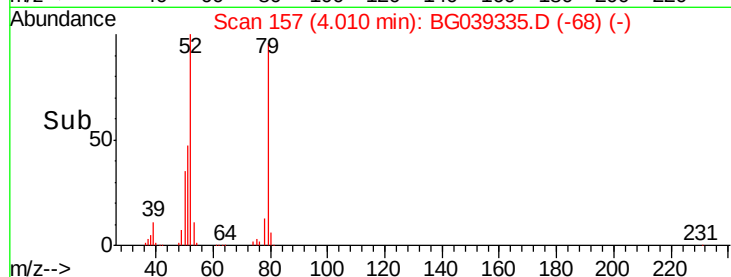
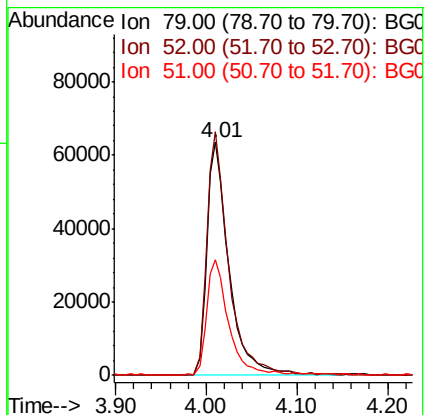
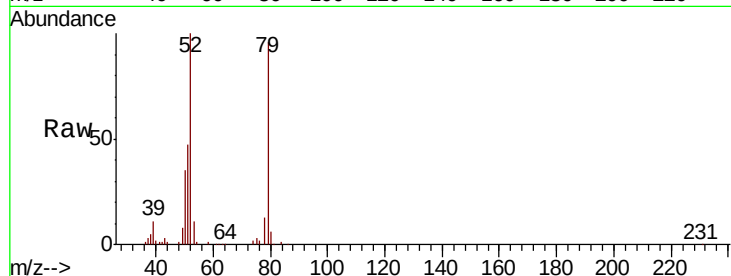
Tgt Ion: 79 Resp: 108130

Ion Ratio Lower Upper

79 100

52 104.4 82.6 124.0

51 49.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 42.107 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

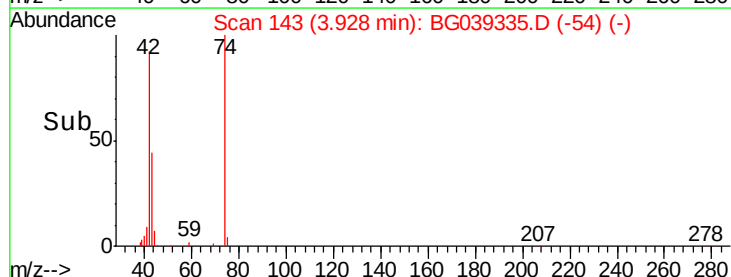
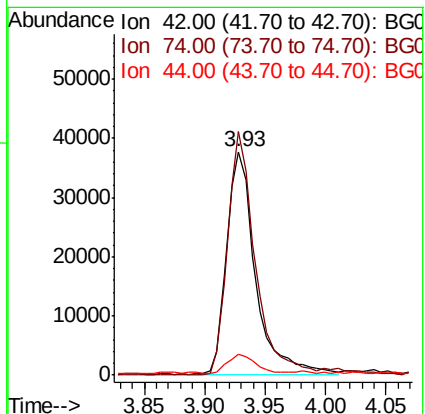
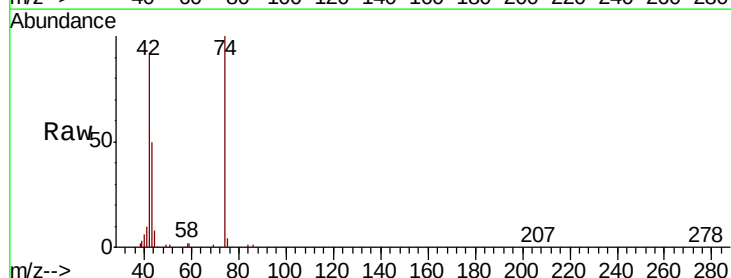
Tgt Ion: 42 Resp: 62321

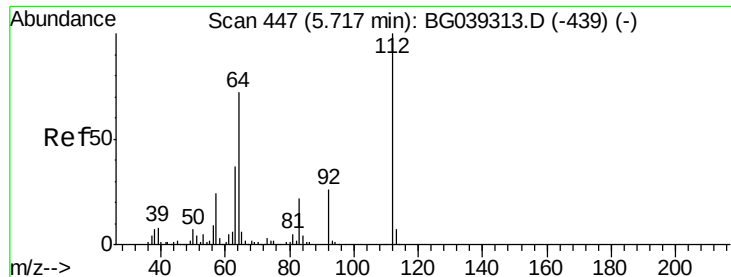
Ion Ratio Lower Upper

42 100

74 108.9 83.6 125.4

44 9.2 6.9 10.3





#5

2-Fluorophenol

Concen: 153.612 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

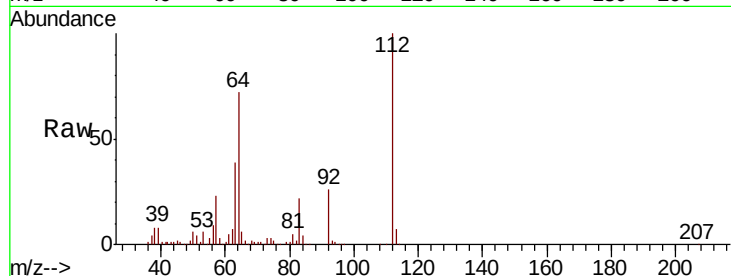
Tgt Ion: 112 Resp: 392542

Ion Ratio Lower Upper

112 100

64 71.7 57.8 86.8

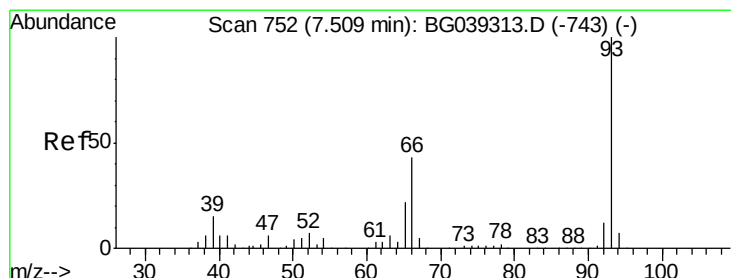
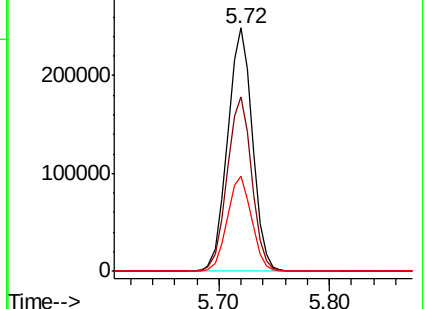
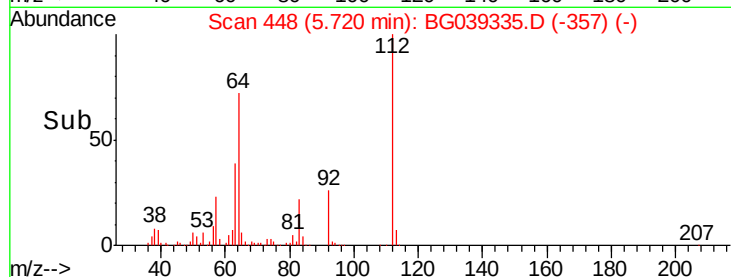
63 39.2 29.8 44.6



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: 29.079 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

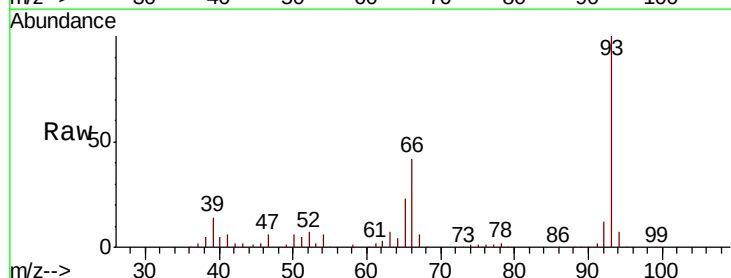
Tgt Ion: 93 Resp: 137007

Ion Ratio Lower Upper

93 100

66 42.1 34.2 51.4

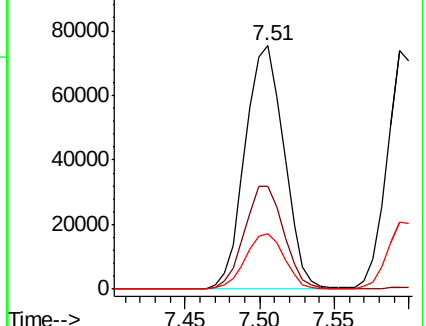
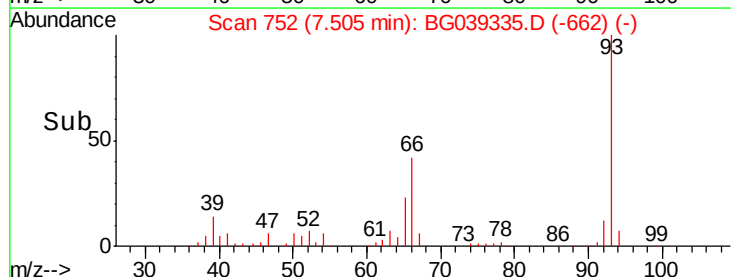
65 22.9 17.7 26.5

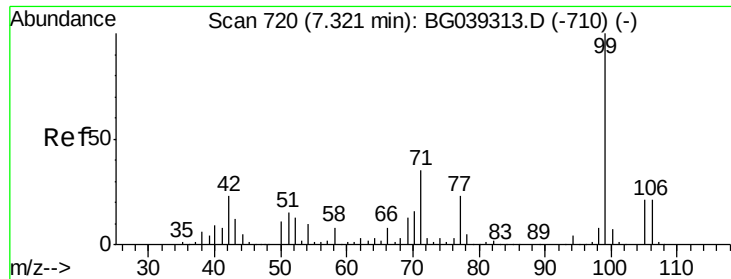


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.391 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

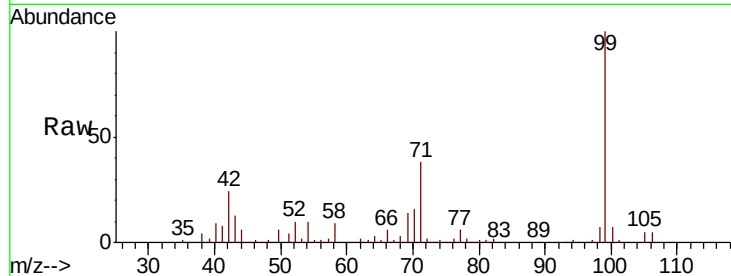
Tgt Ion: 99 Resp: 558172

Ion Ratio Lower Upper

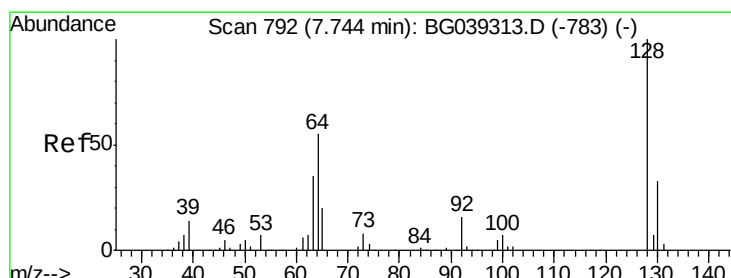
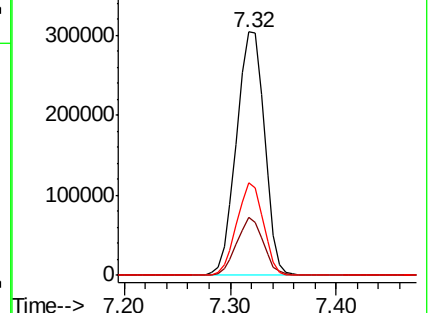
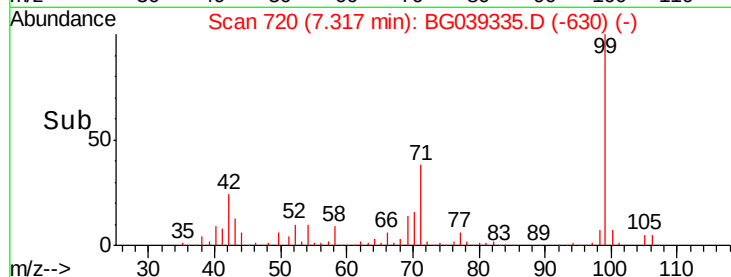
99 100

42 23.8 18.2 27.2

71 37.9 28.0 42.0



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



#8

2-Chlorophenol

Concen: 44.371 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

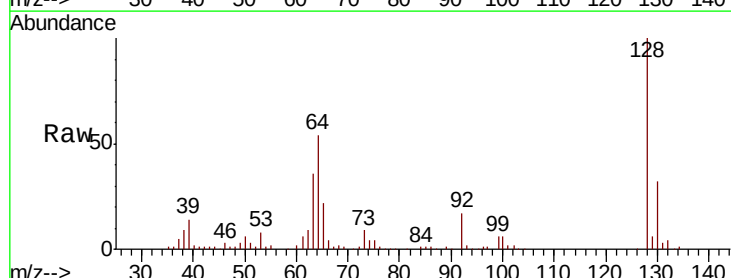
Tgt Ion: 128 Resp: 123942

Ion Ratio Lower Upper

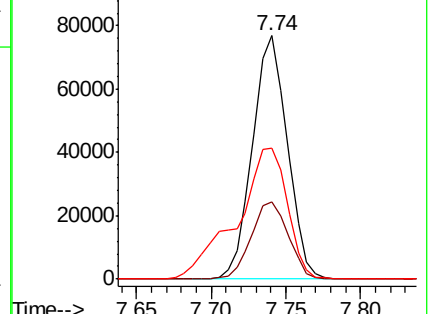
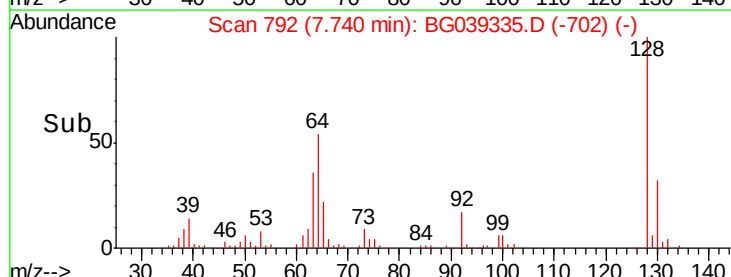
128 100

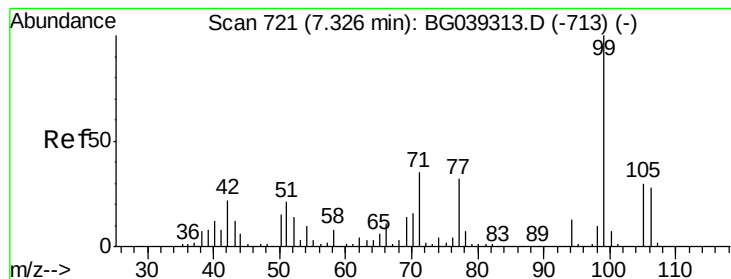
130 31.7 12.9 52.9

64 53.9 38.7 78.7



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





#9

Benzaldehyde

Concen: 13.477 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

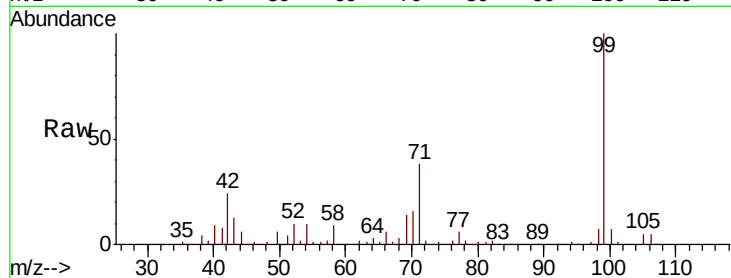
Tgt Ion: 77 Resp: 31924

Ion Ratio Lower Upper

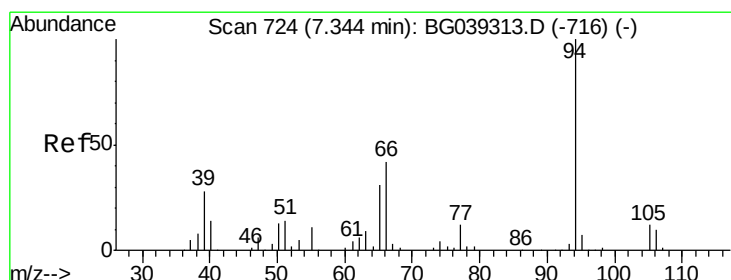
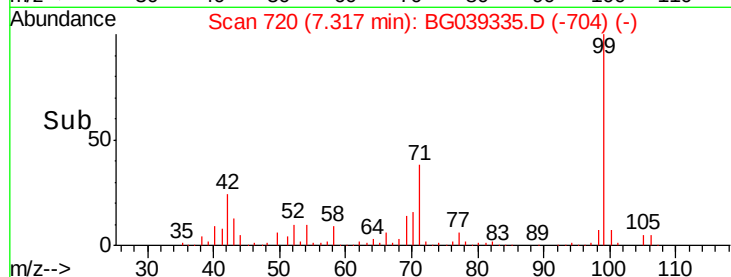
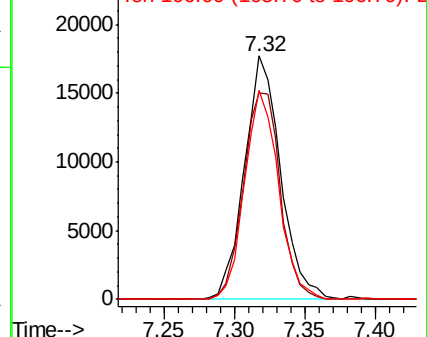
77 100

105 84.9 74.5 114.5

106 85.6 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: 43.942 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

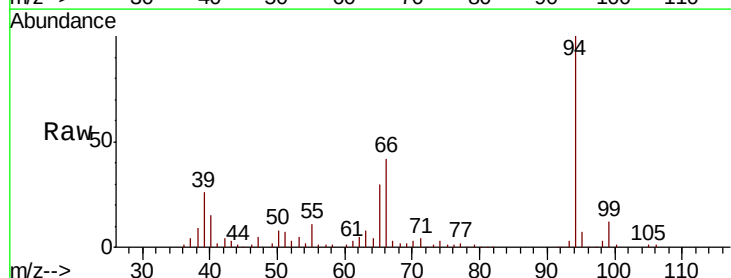
Tgt Ion: 94 Resp: 172301

Ion Ratio Lower Upper

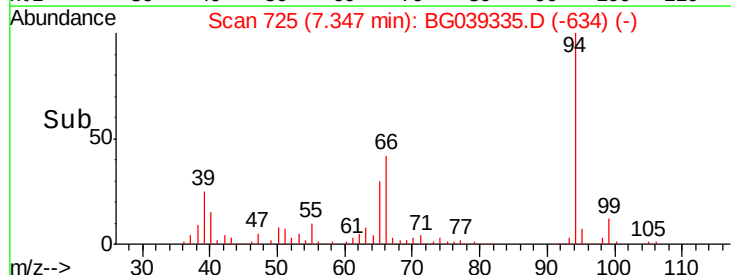
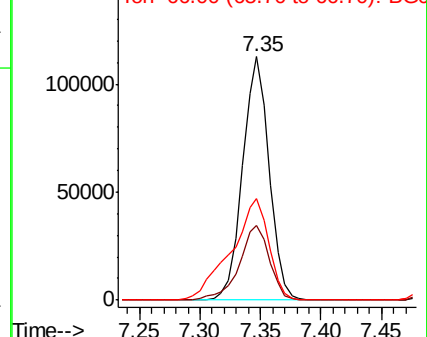
94 100

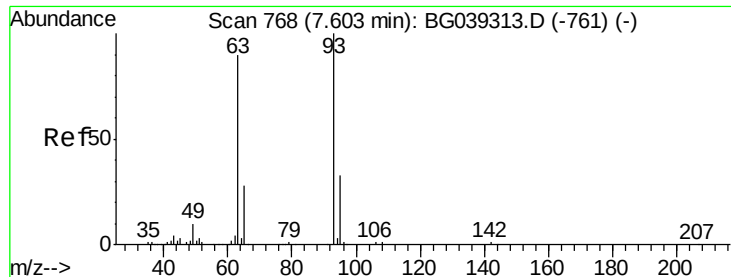
65 30.4 11.7 51.7

66 41.5 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

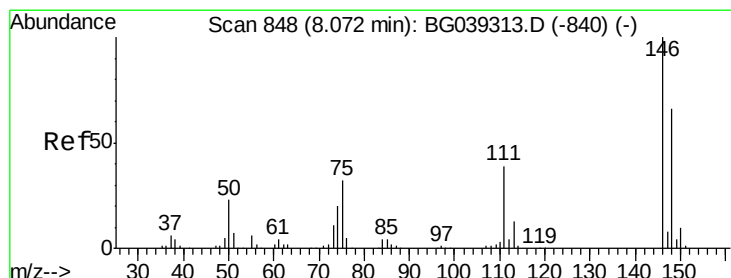
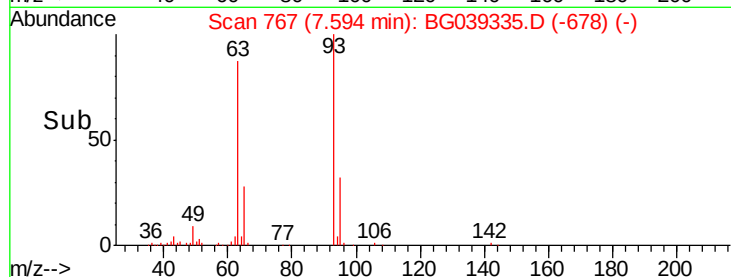
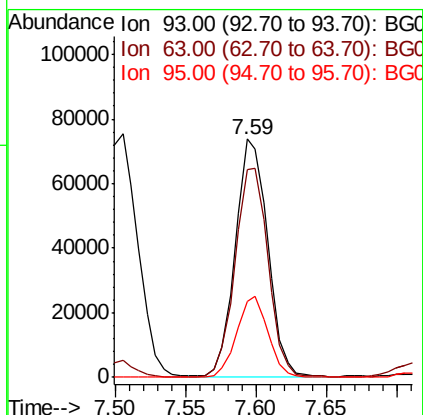
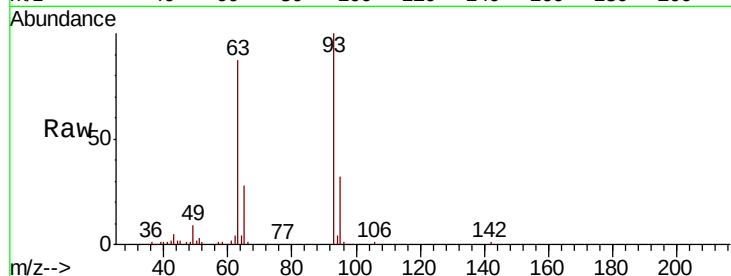




#11
bis(2-Chloroethyl)ether
Concen: 38.073 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

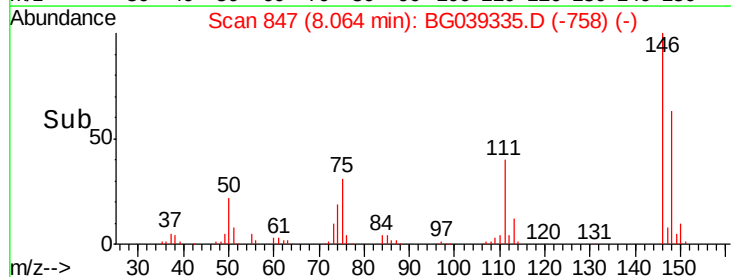
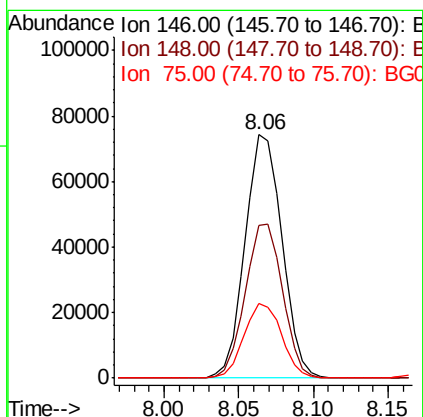
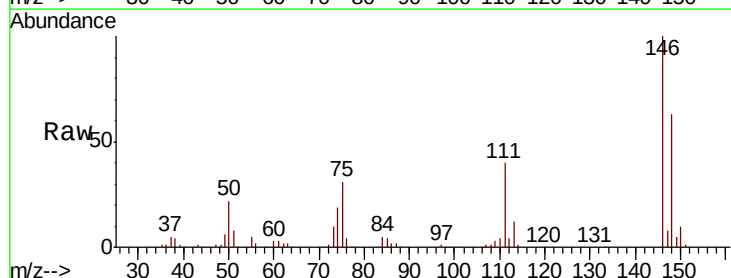
Instrument :
BNA_G
ClientSampleId :
PB116724BS

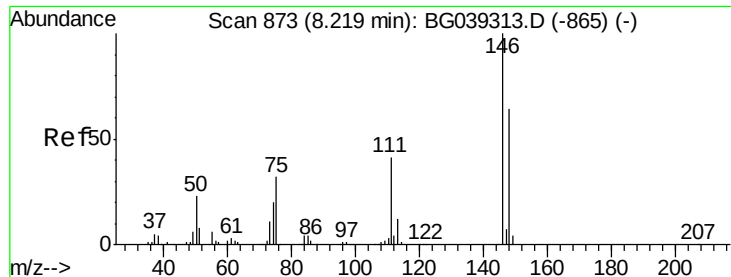
Tgt Ion: 93 Resp: 117964
Ion Ratio Lower Upper
93 100
63 87.2 69.5 109.5
95 31.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 37.622 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion: 146 Resp: 127308
Ion Ratio Lower Upper
146 100
148 62.7 52.6 79.0
75 30.6 25.8 38.6

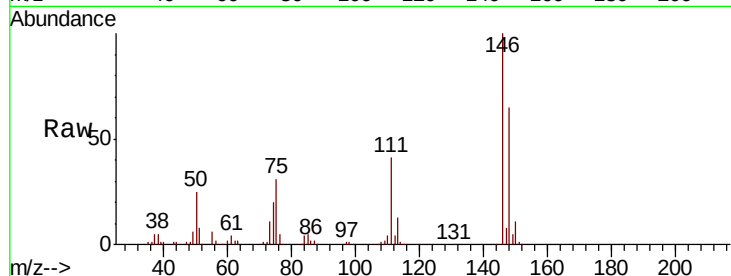




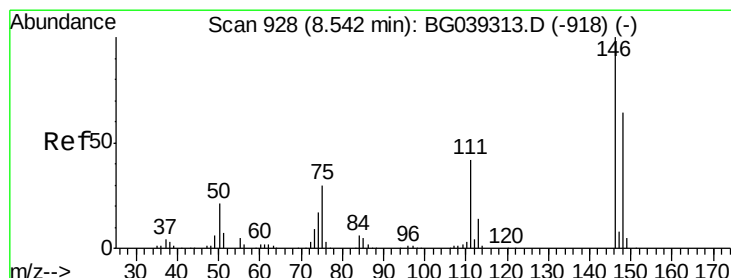
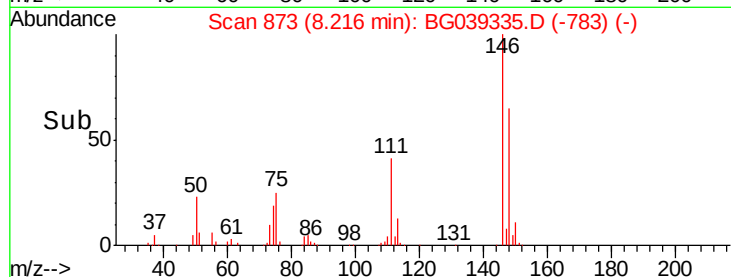
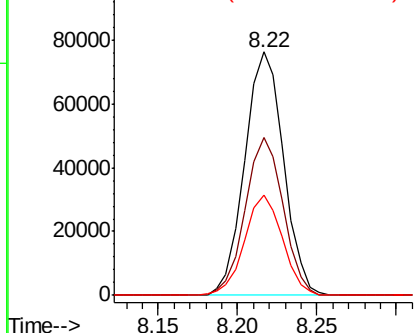
#13
 1,4-Dichlorobenzene
 Concen: 38.489 ng
 RT: 8.22 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tgt Ion:146 Resp: 129815
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.1 76.7
 111 41.3 32.6 48.8

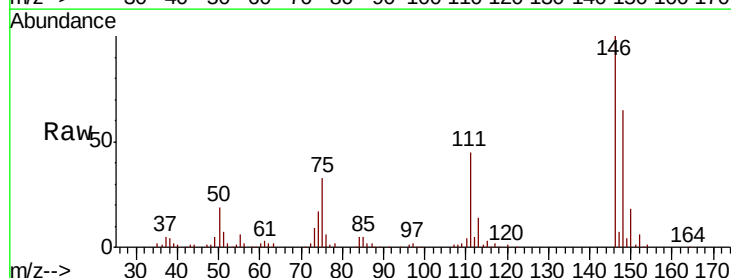


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

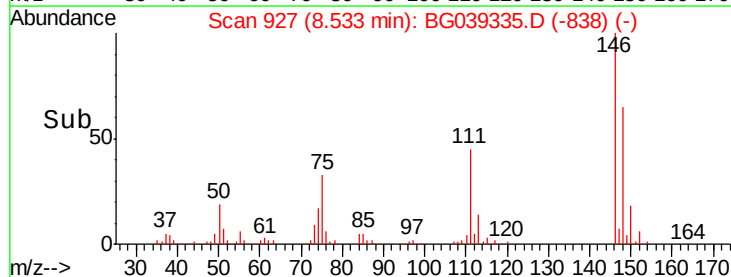
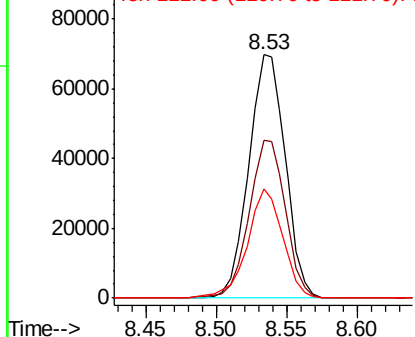


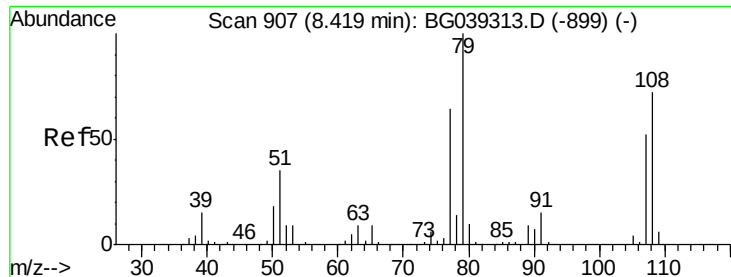
#14
 1,2-Dichlorobenzene
 Concen: 38.680 ng
 RT: 8.53 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion:146 Resp: 126292
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.5 77.3
 111 44.9 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: 41.442 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

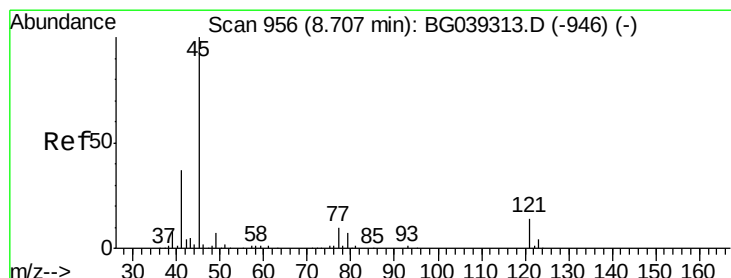
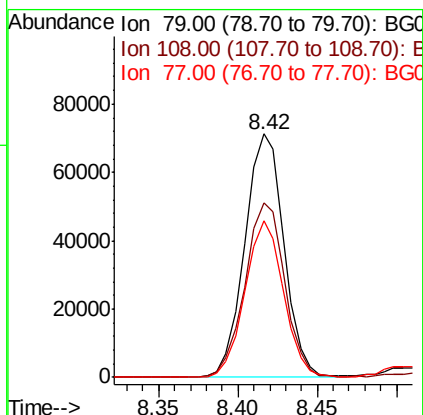
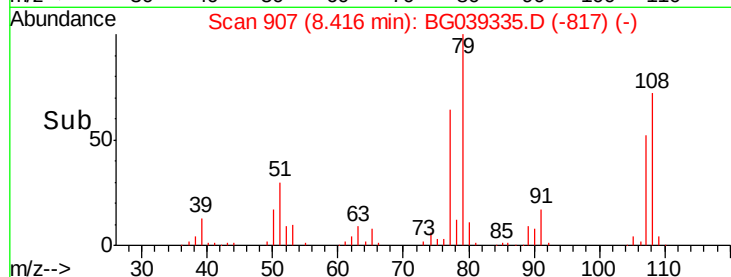
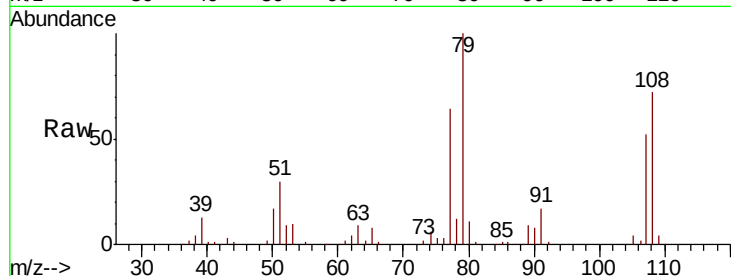
Tgt Ion: 79 Resp: 122381

Ion Ratio Lower Upper

79 100

108 71.7 57.8 86.6

77 64.4 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.601 ng

RT: 8.70 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

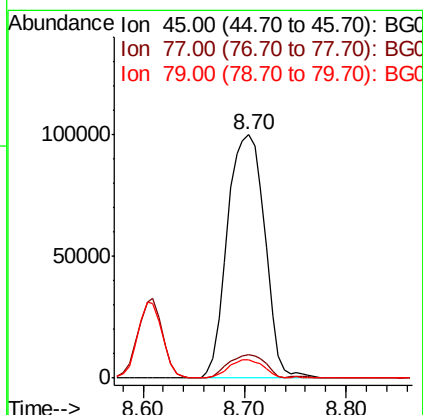
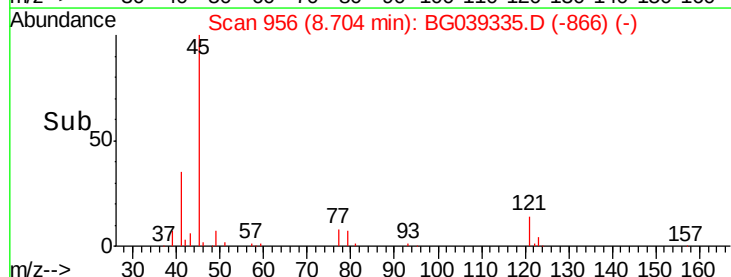
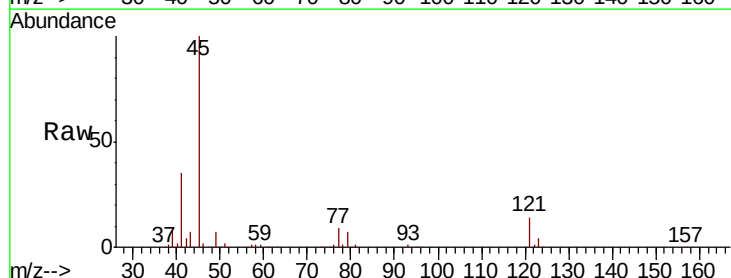
Tgt Ion: 45 Resp: 256089

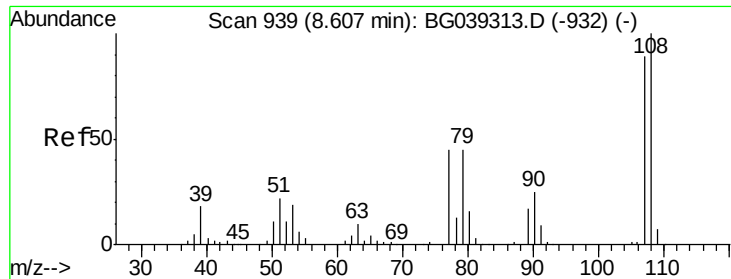
Ion Ratio Lower Upper

45 100

77 9.5 0.0 30.0

79 7.5 0.0 27.5

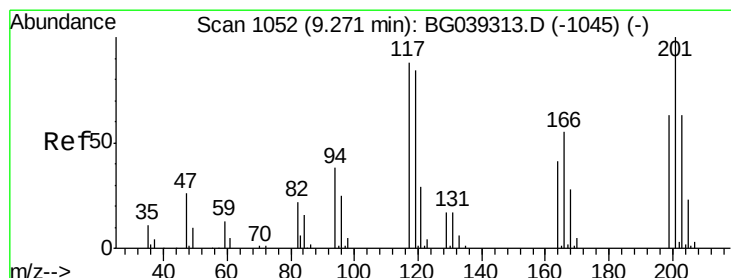
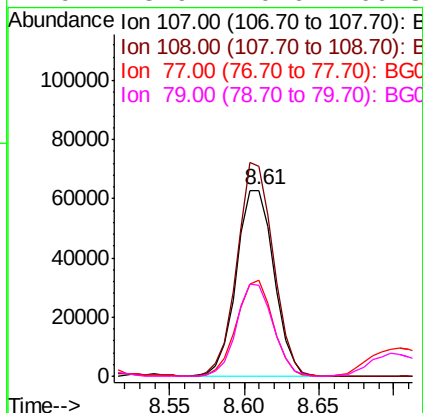
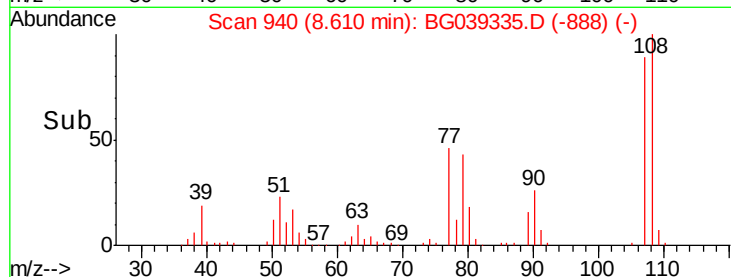
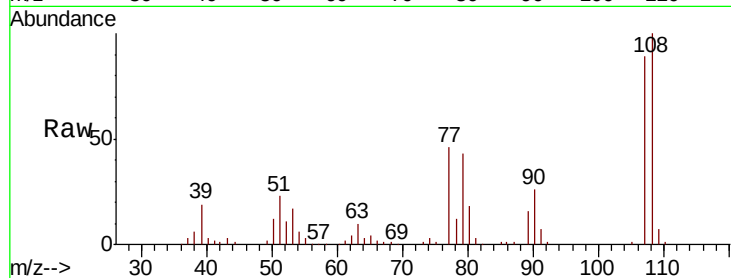




#17
2-Methylphenol
Concen: 43.398 ng
RT: 8.61 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

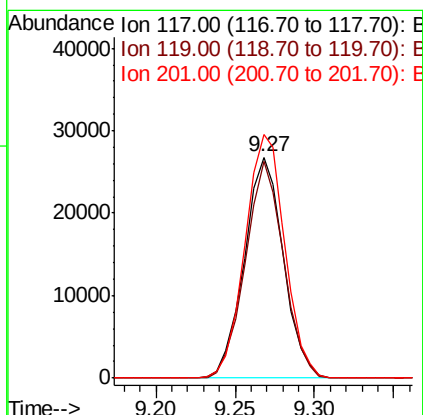
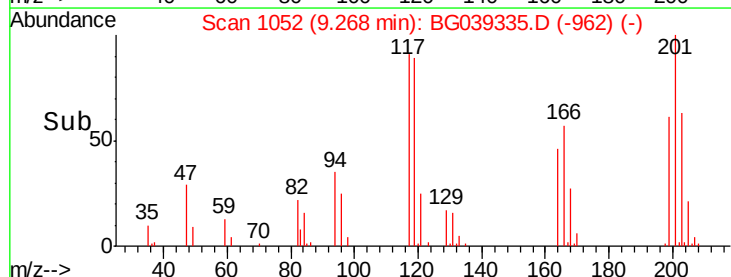
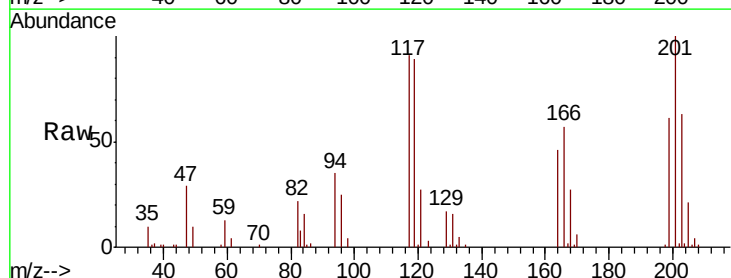
Instrument :
BNA_G
ClientSampleId :
PB116724BS

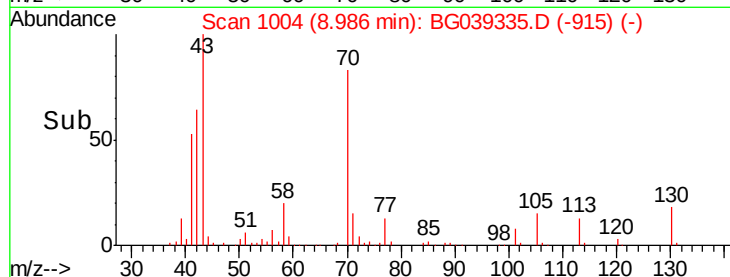
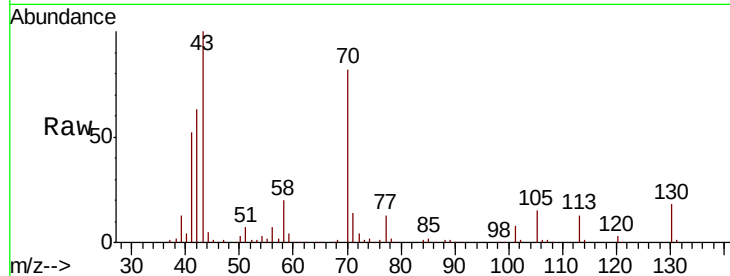
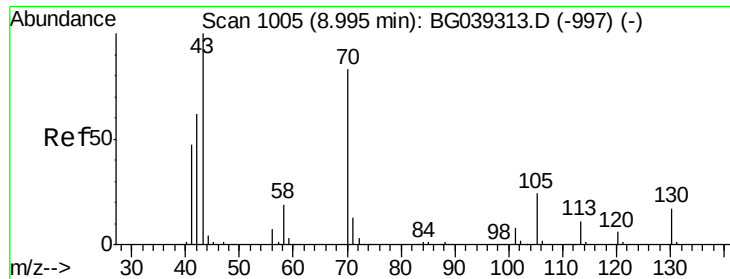
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.8	136.2
77	51.8	40.7	61.1
79	48.9	40.6	60.8



#18
Hexachloroethane
Concen: 39.478 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.3	114.5
201	110.1	91.1	136.7

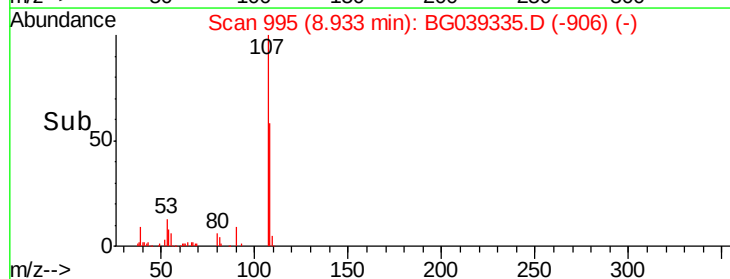
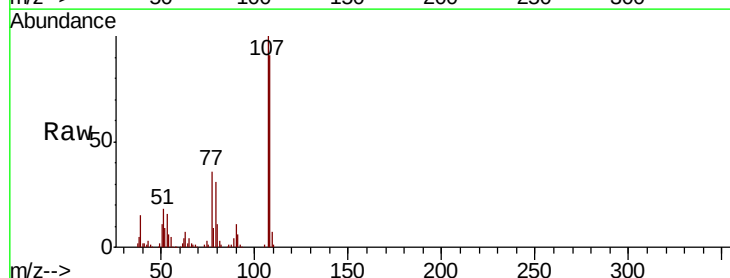
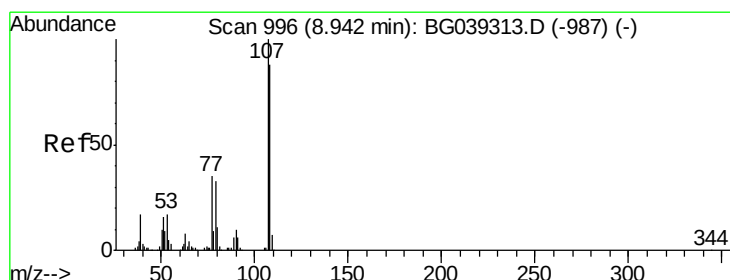
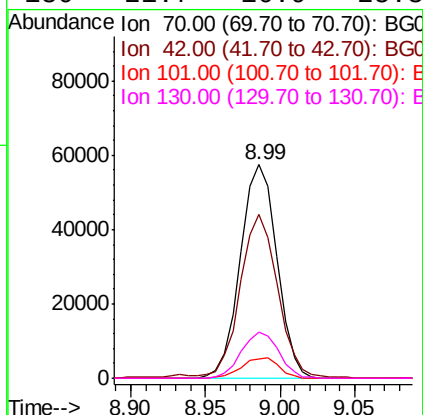




#19
n-Nitroso-di-n-propylamine
Concen: 36.601 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

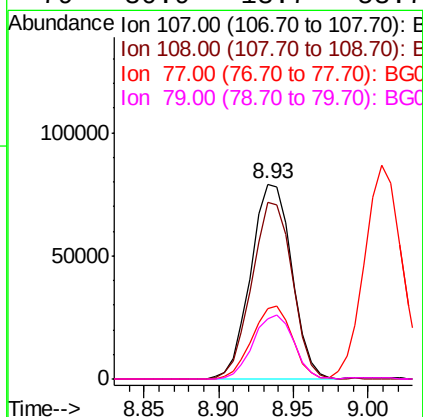
Instrument :
BNA_G
ClientSampleId :
PB116724BS

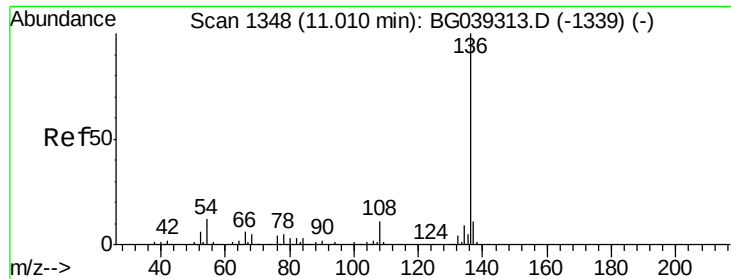
Tgt Ion:	70	Resp:	97715
Ion	Ratio	Lower	Upper
70	100		
42	77.0	60.4	90.6
101	9.2	7.5	11.3
130	21.7	16.9	25.3



#20
3+4-Methylphenols
Concen: 43.035 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion:	107	Resp:	150371
Ion	Ratio	Lower	Upper
107	100		
108	90.7	67.9	107.9
77	36.4	15.4	55.4
79	30.9	13.7	53.7

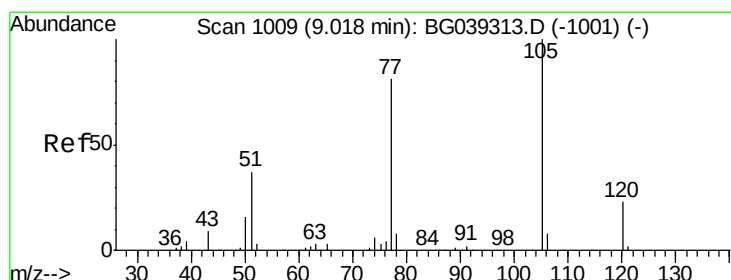
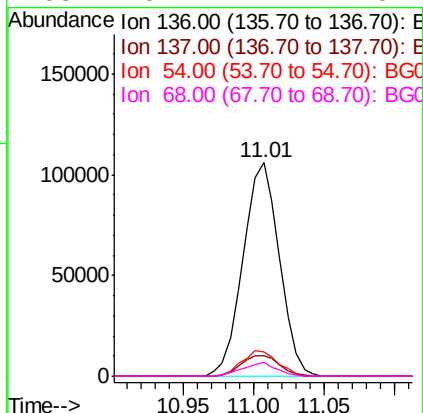
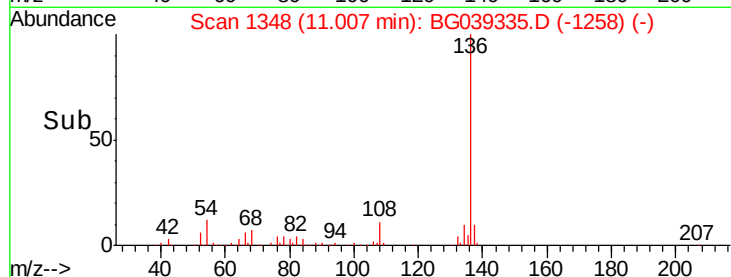
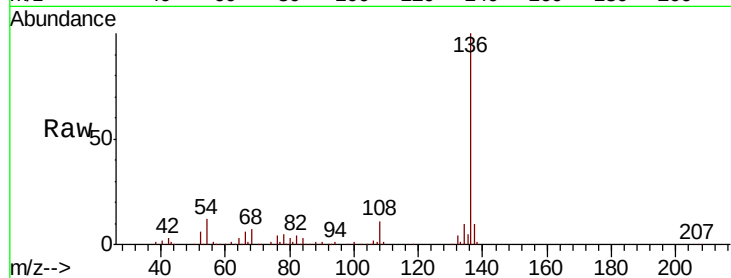




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

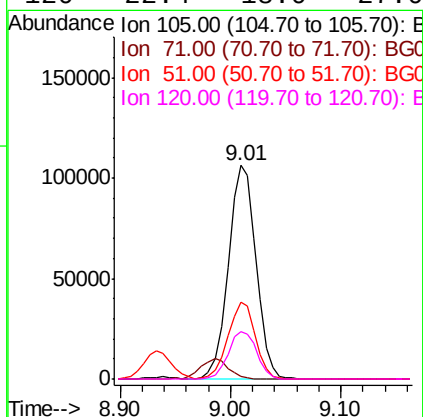
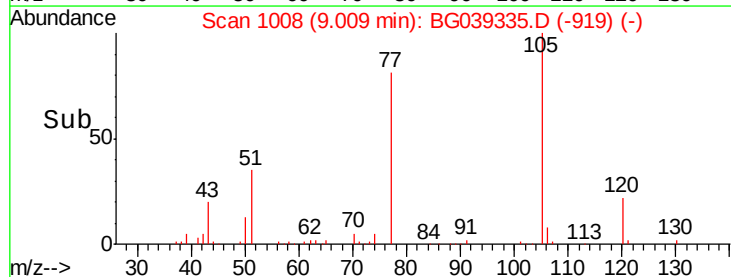
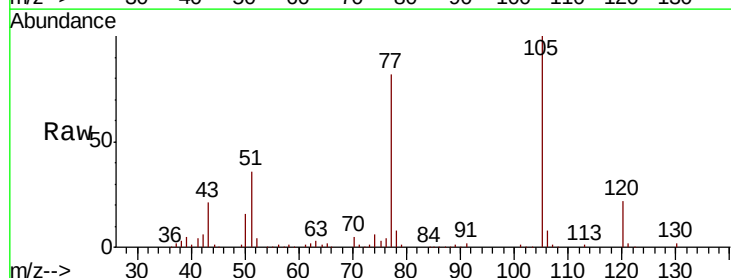
Instrument :
BNA_G
ClientSampleId :
PB116724BS

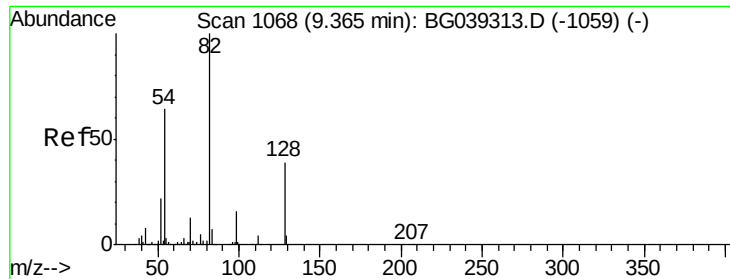
Tgt Ion:	136	Resp:	190658
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.1	13.7
54	11.7	9.4	14.2
68	6.7	4.2	6.4#



#22
Acetophenone
Concen: 36.337 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion:	105	Resp:	186096
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.8	1.2
51	35.9	30.2	45.2
120	22.4	18.0	27.0

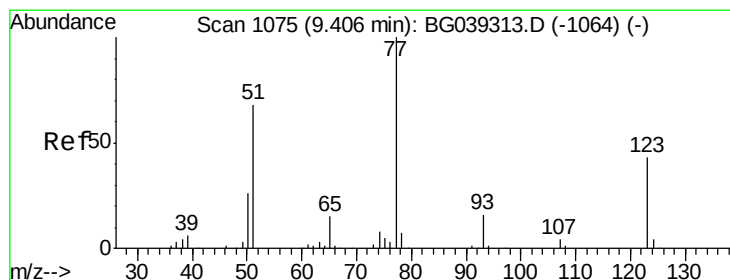
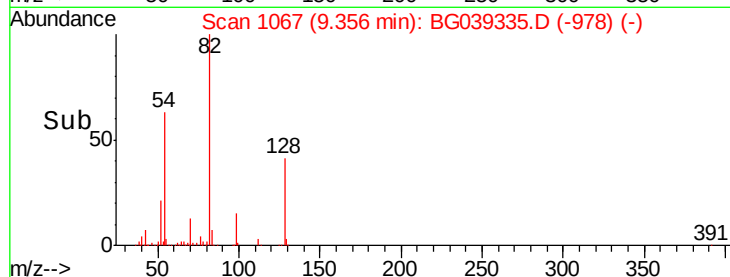
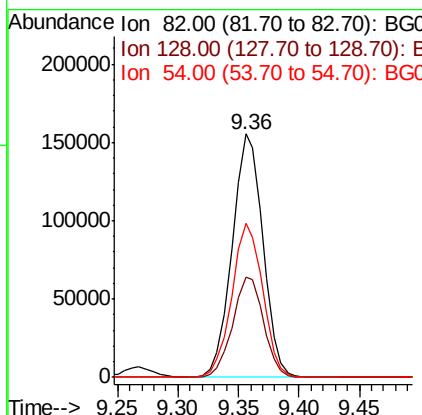
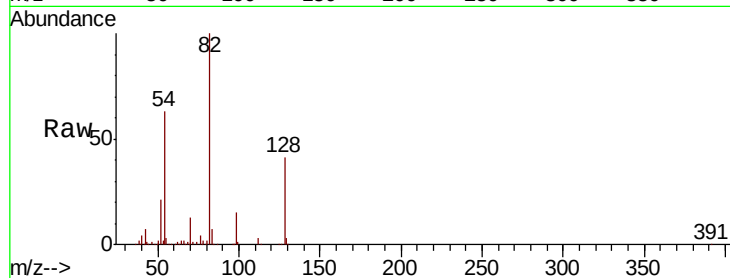




#23
 Nitrobenzene-d5
 Concen: 90.393 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

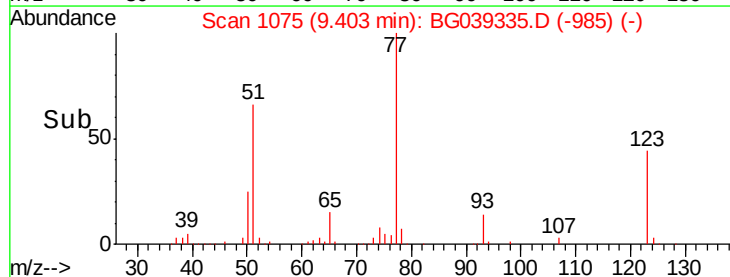
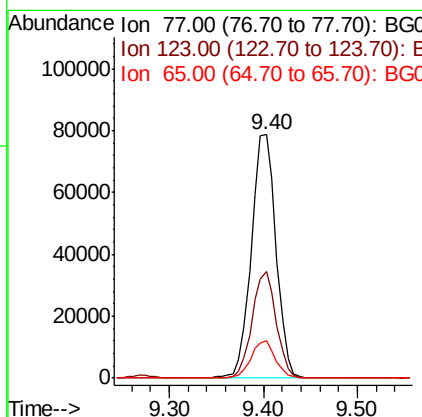
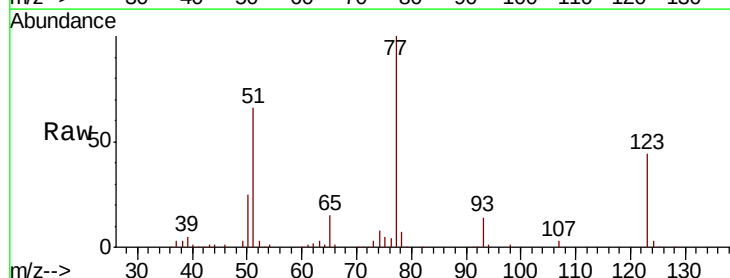
Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

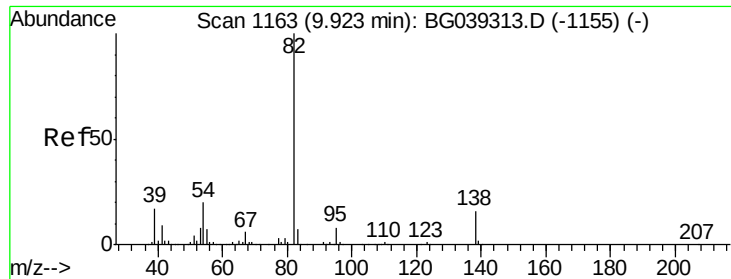
Tgt Ion: 82 Resp: 275871
 Ion Ratio Lower Upper
 82 100
 128 41.3 31.3 46.9
 54 63.0 50.9 76.3



#24
 Nitrobenzene
 Concen: 43.319 ng
 RT: 9.40 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion: 77 Resp: 142827
 Ion Ratio Lower Upper
 77 100
 123 44.0 34.1 51.1
 65 15.4 12.3 18.5





#25

Isophorone

Concen: 41.410 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

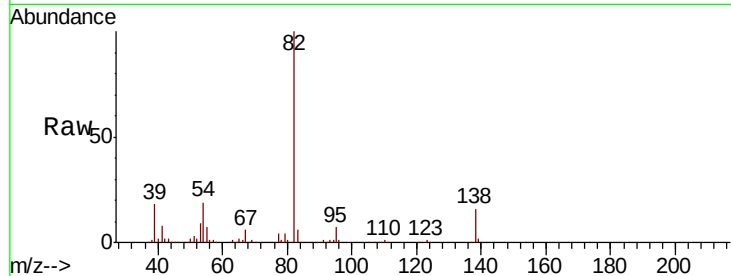
Tgt Ion: 82 Resp: 280054

Ion Ratio Lower Upper

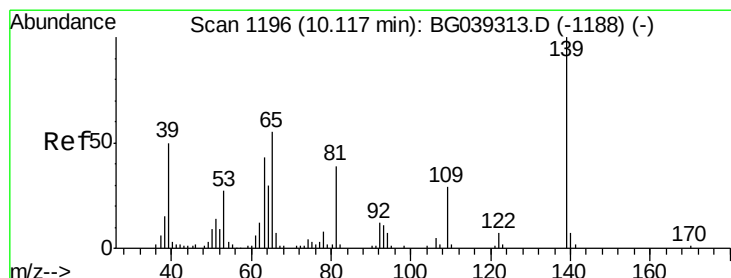
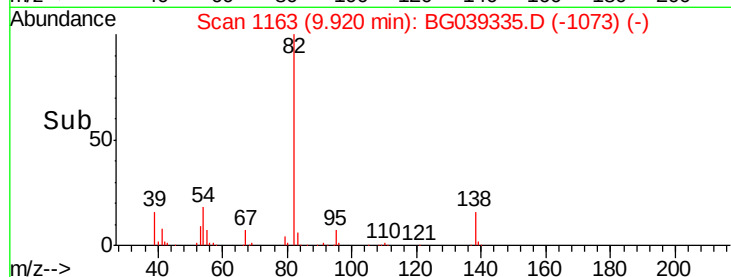
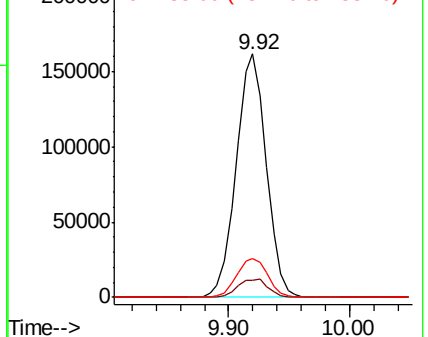
82 100

95 7.2 6.2 9.2

138 15.9 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: 47.394 ng

RT: 10.11 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

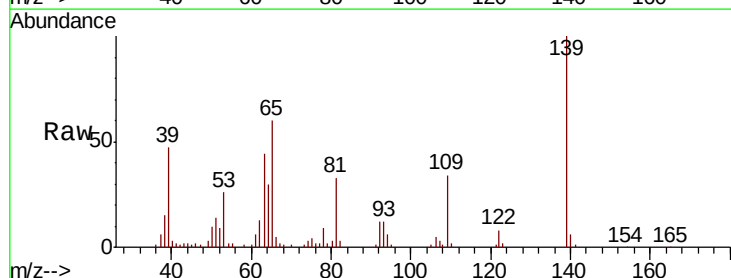
Tgt Ion: 139 Resp: 60837

Ion Ratio Lower Upper

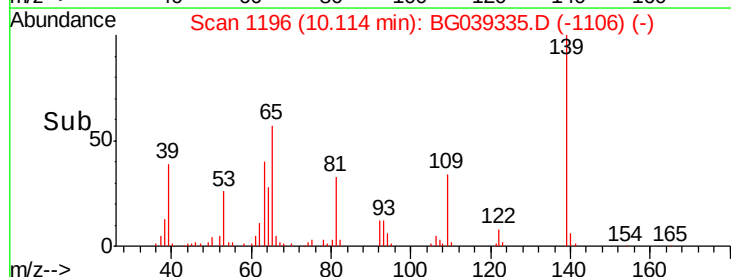
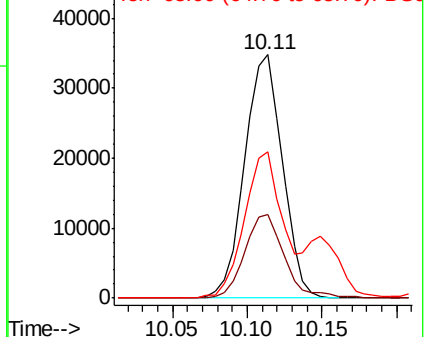
139 100

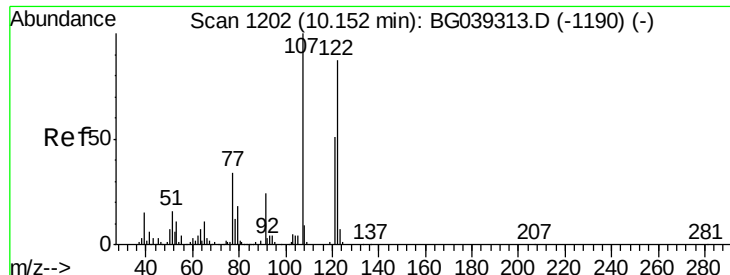
109 34.2 23.4 35.0

65 60.1 44.3 66.5



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

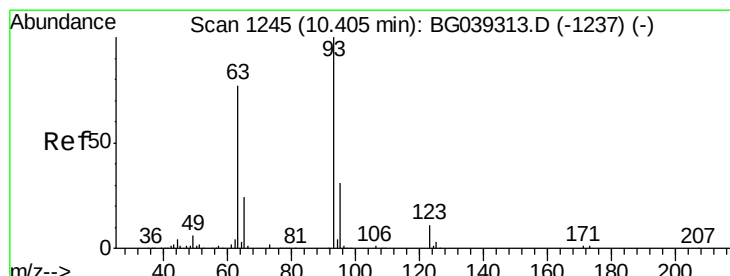
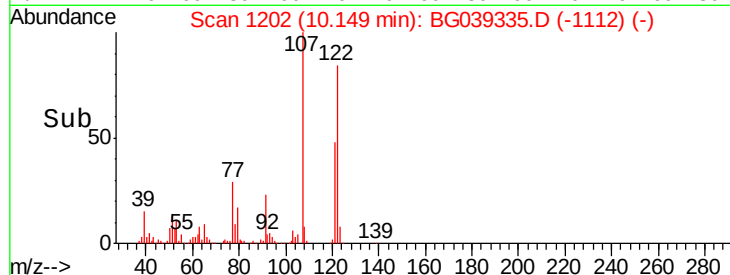
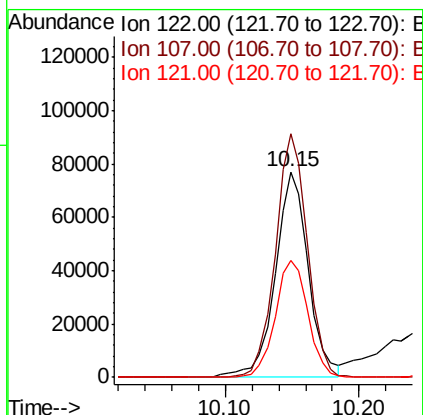
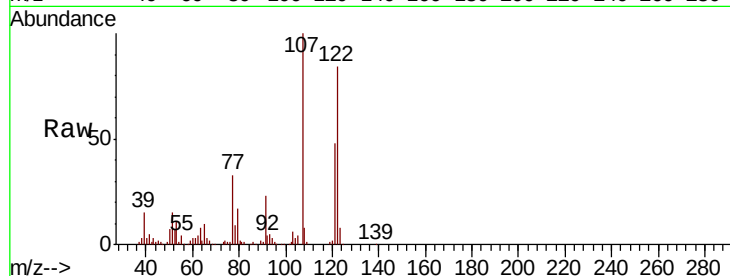




#27
 2,4-Dimethylphenol
 Concen: 48.598 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

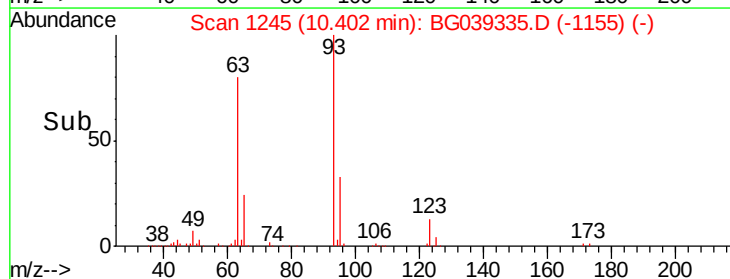
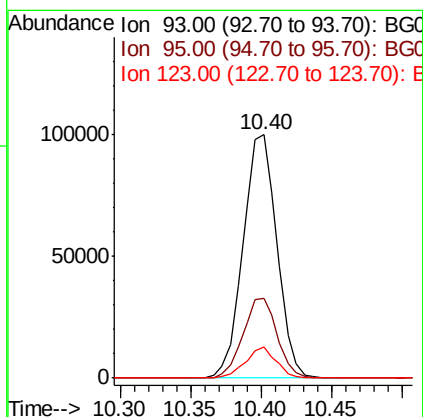
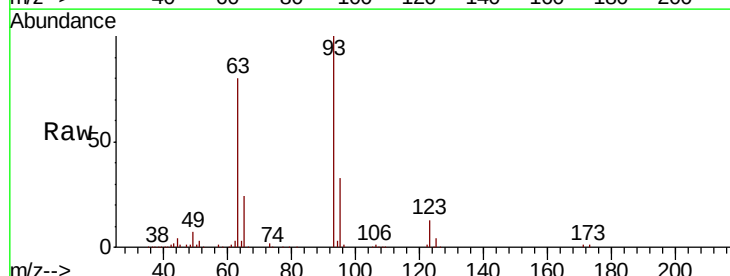
Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

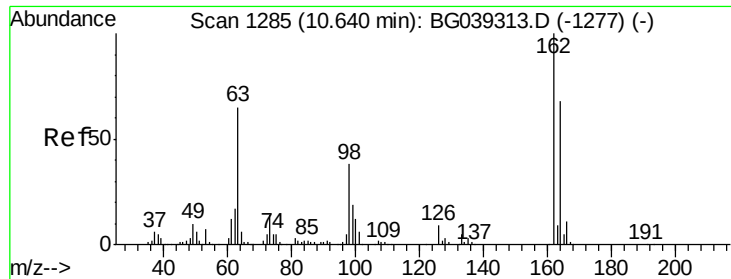
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.6	91.7	137.5
121	57.1	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.269 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.0	37.4
123	12.8	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 45.266 ng

RT: 10.64 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

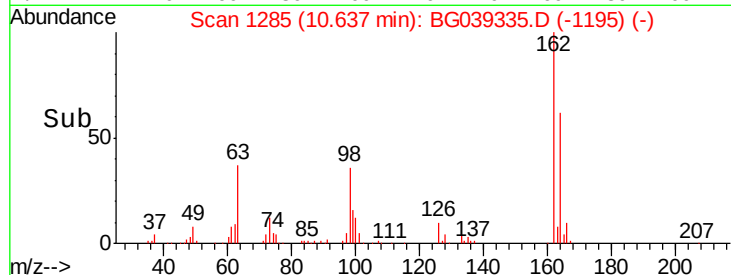
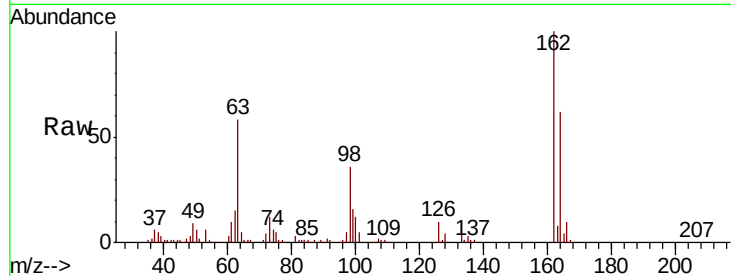
Tgt Ion:162 Resp: 135346

Ion Ratio Lower Upper

162 100

164 61.6 48.1 88.1

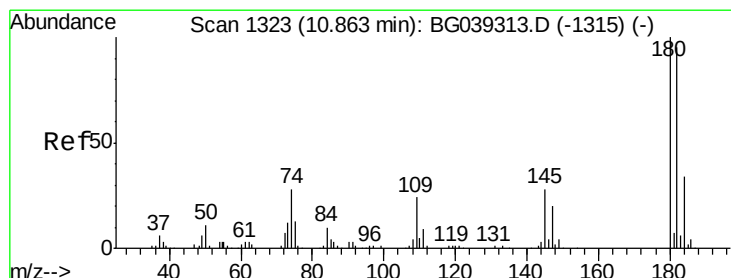
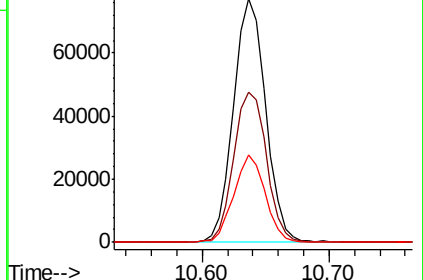
98 36.1 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 38.485 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

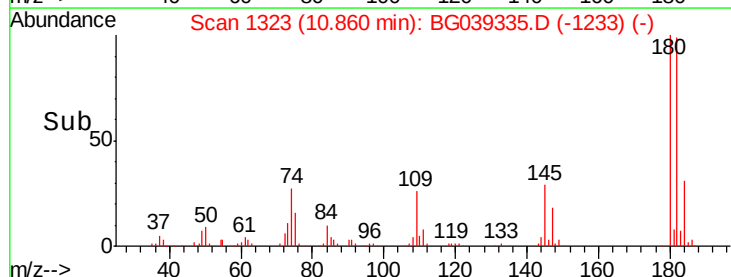
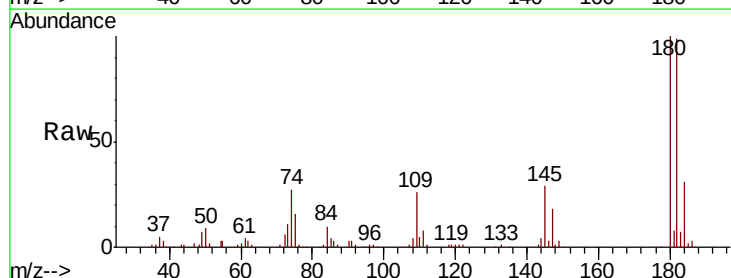
Tgt Ion:180 Resp: 129191

Ion Ratio Lower Upper

180 100

182 99.0 76.0 114.0

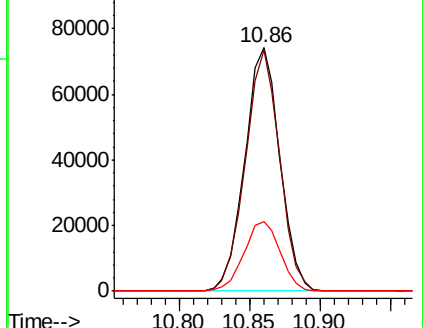
145 28.6 22.7 34.1

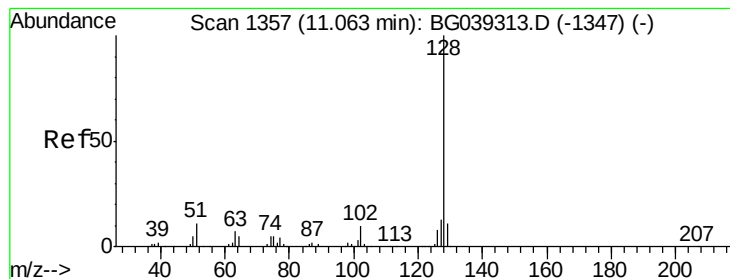


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

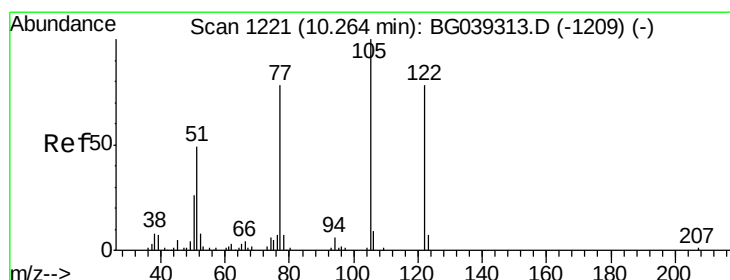
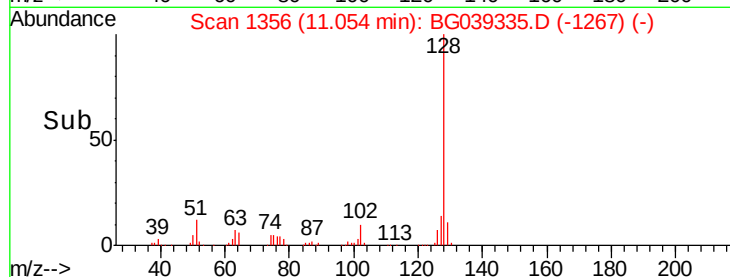
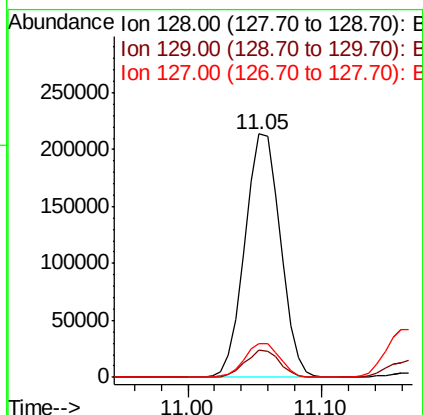
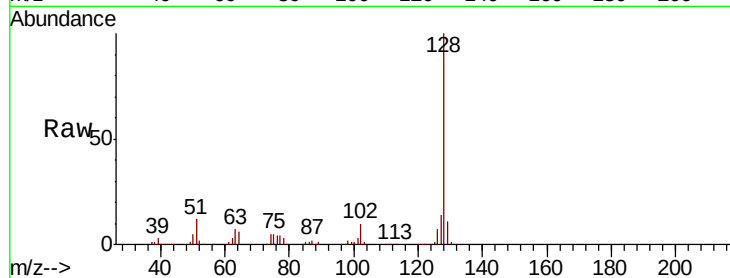




#31
Naphthalene
Concen: 41.454 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

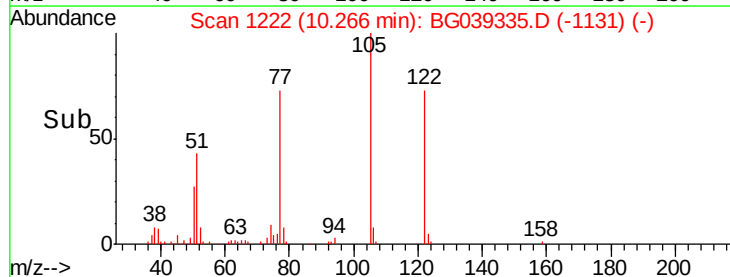
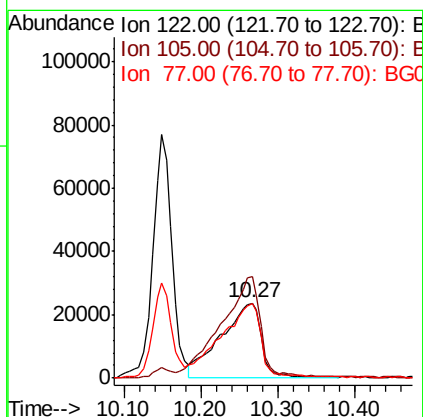
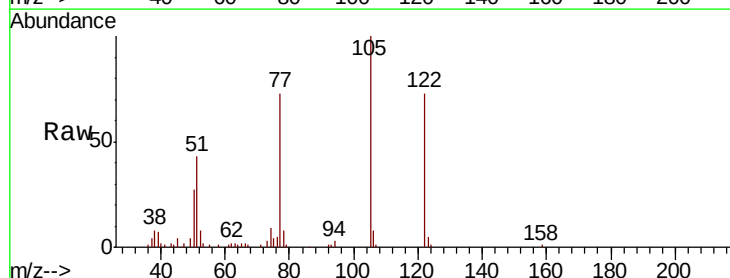
Instrument :
BNA_G
ClientSampleId :
PB116724BS

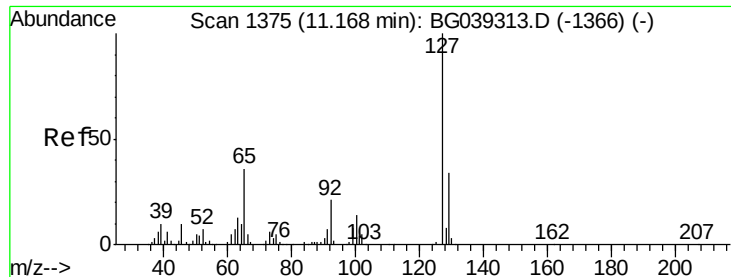
Tgt Ion:128 Resp: 392090
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 47.894 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion:122 Resp: 85757
Ion Ratio Lower Upper
122 100
105 136.4 101.8 141.8
77 99.9 76.3 116.3

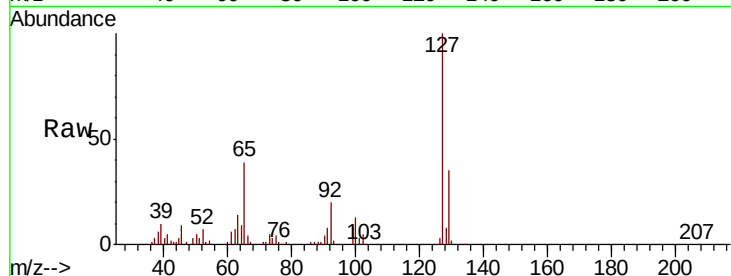




#33
4-Chloroaniline
Concen: 18.521 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tgt Ion:	127	Resp:	81225
Ion	Ratio	Lower	Upper
127	100		
129	35.2	27.0	40.4
65	39.1	28.8	43.2
92	20.1	16.6	25.0



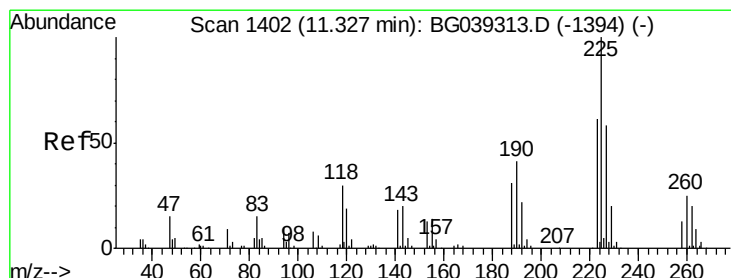
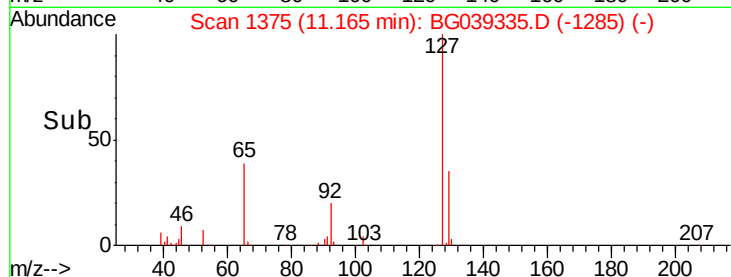
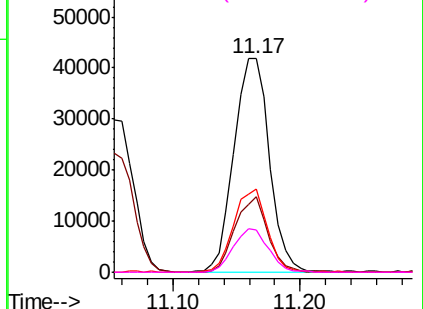
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

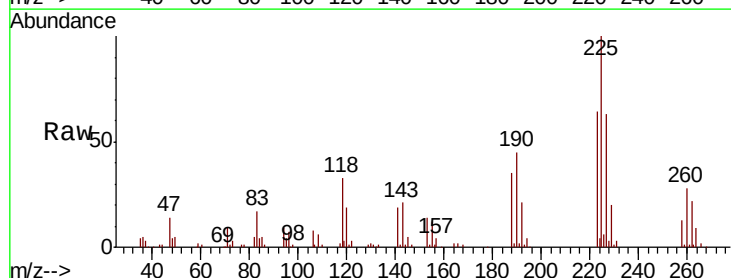
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.330 ng
RT: 11.32 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion:	225	Resp:	83339
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.0	73.6
227	63.0	46.3	69.5

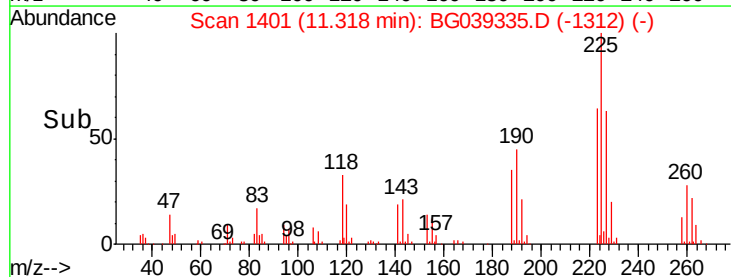
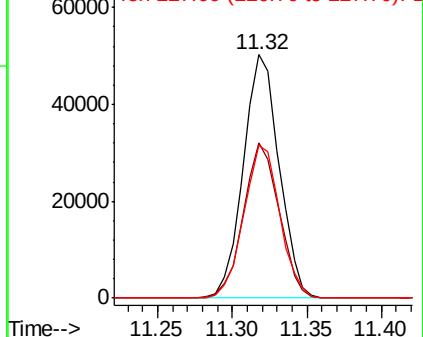


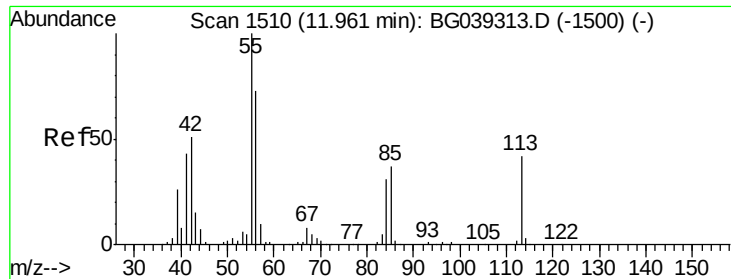
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.805 ng

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

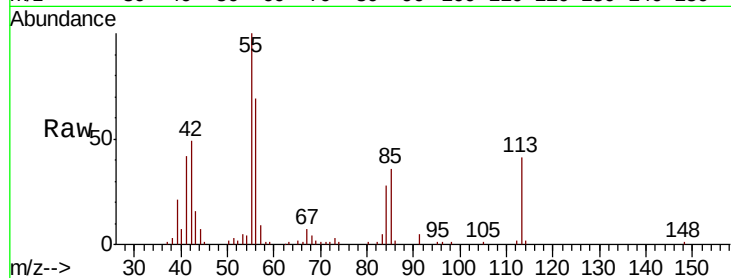
Tgt Ion:113 Resp: 26980

Ion Ratio Lower Upper

113 100

55 246.0 216.9 256.9

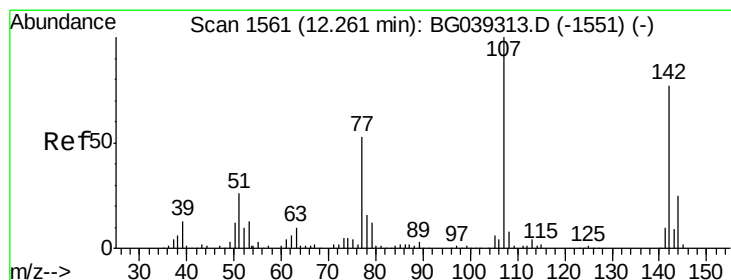
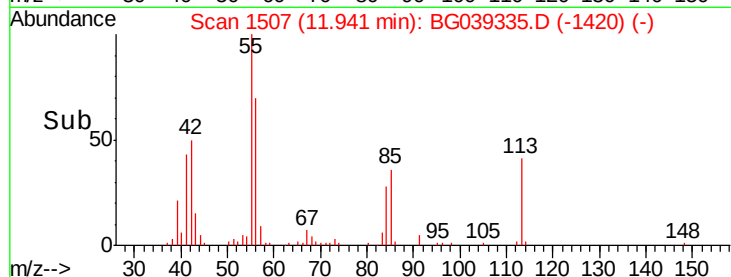
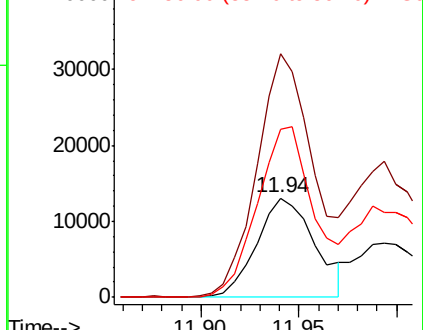
56 170.5 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039335.D (-1500) (-)

Ion 56.00 (55.70 to 56.70): BG039335.D (-1500) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.263 ng

RT: 12.26 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

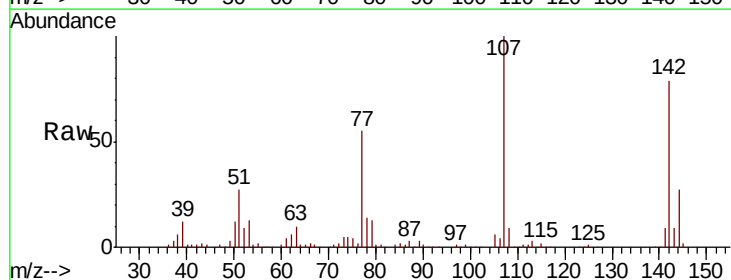
Tgt Ion:107 Resp: 149603

Ion Ratio Lower Upper

107 100

144 26.5 20.2 30.2

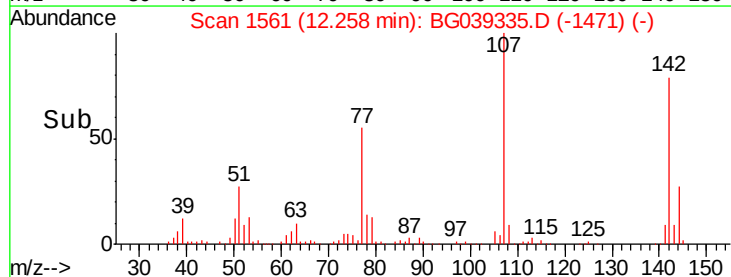
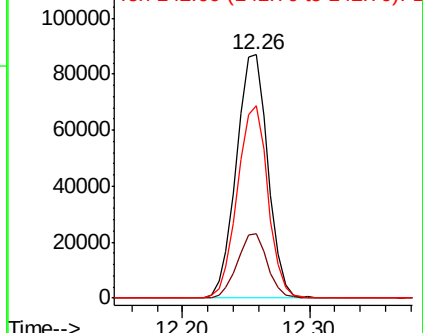
142 79.0 61.4 92.2

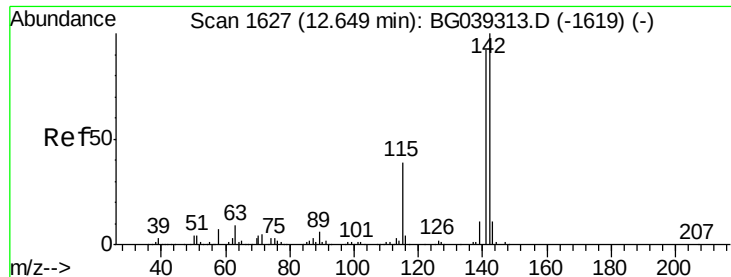


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

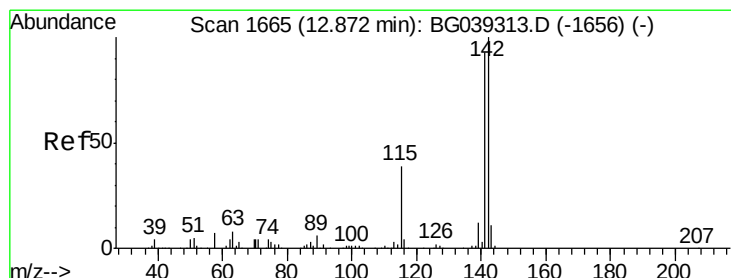
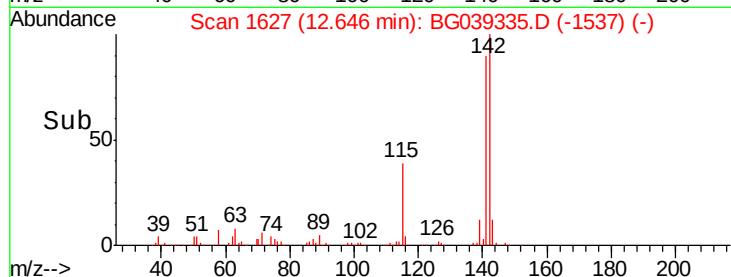
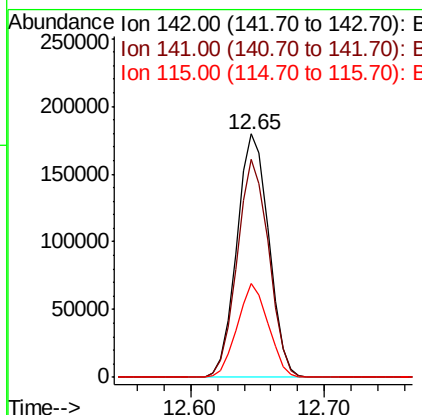
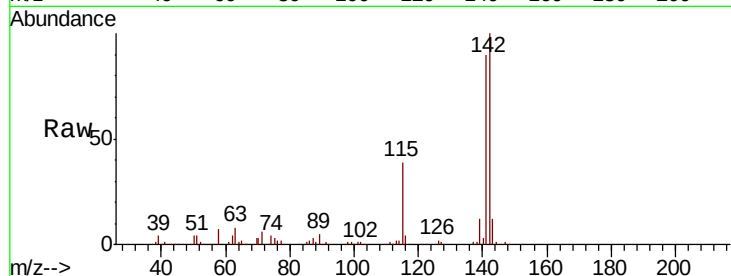




#37
 2-Methylnaphthalene
 Concen: 42.472 ng
 RT: 12.65 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

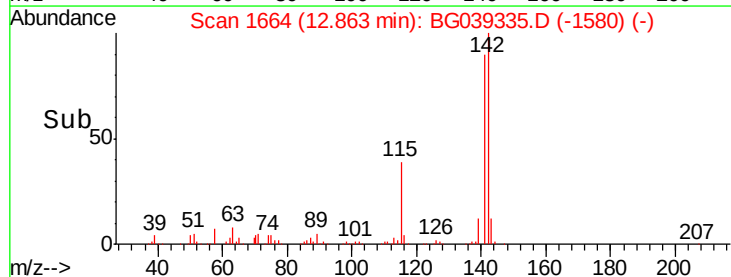
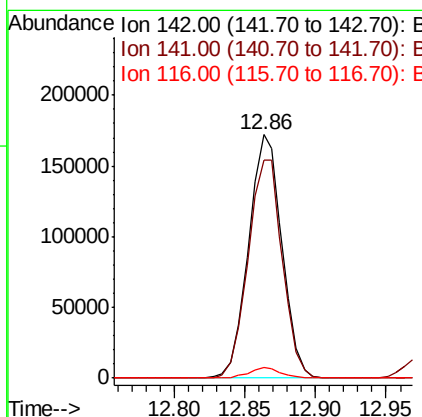
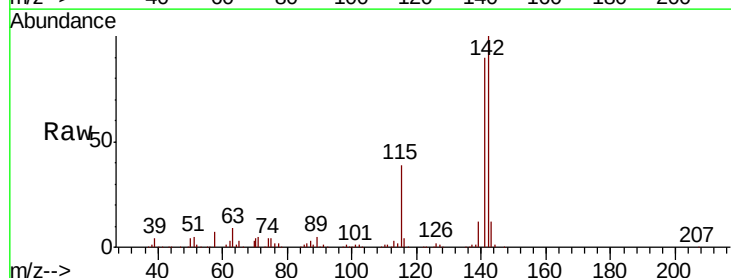
Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

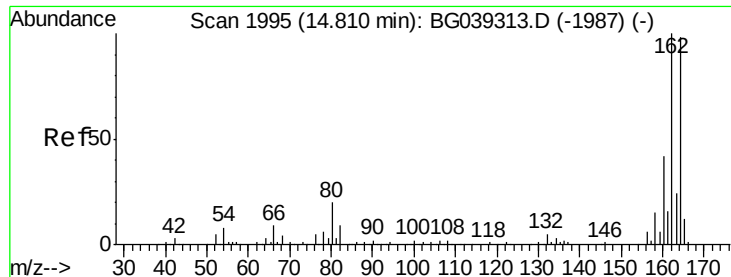
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.5	110.3
115	38.7	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 42.067 ng
 RT: 12.86 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	74.2	111.4
116	4.5	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: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

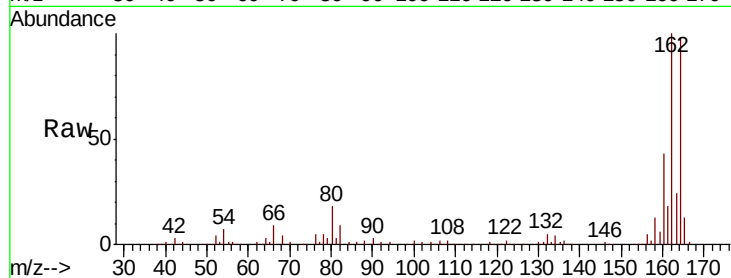
Tgt Ion:164 Resp: 131446

Ion Ratio Lower Upper

164 100

162 101.6 81.6 122.4

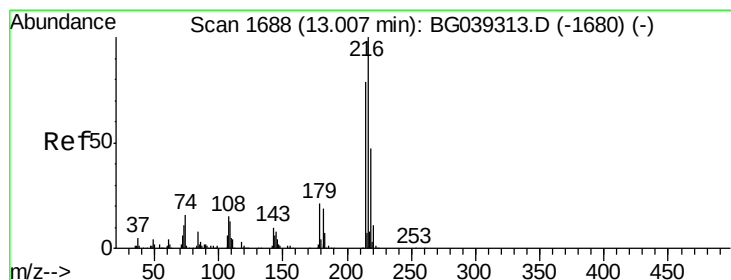
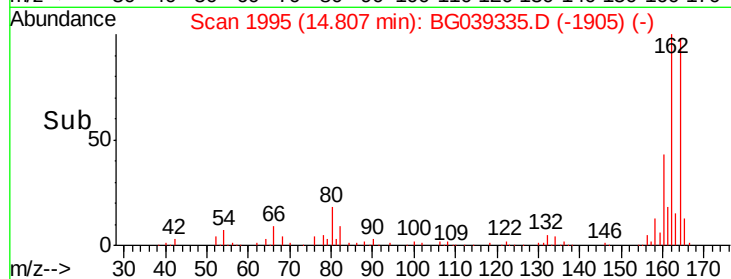
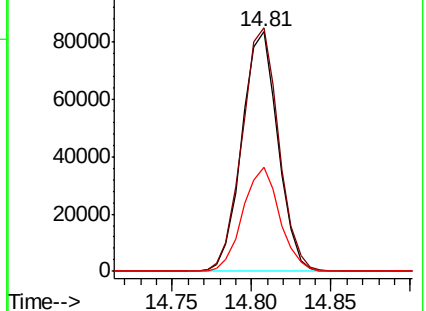
160 43.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.127 ng

RT: 13.00 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Tgt Ion:216 Resp: 155273

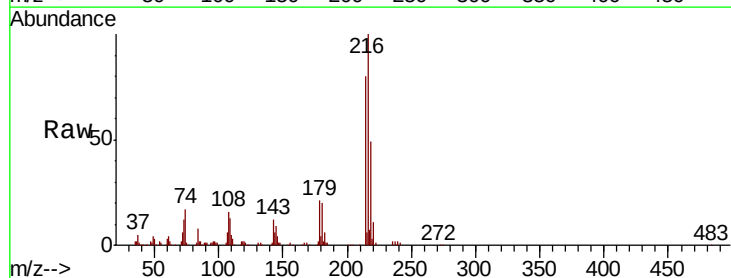
Ion Ratio Lower Upper

216 100

214 79.9 62.6 94.0

179 20.7 16.6 25.0

108 20.3 14.0 21.0

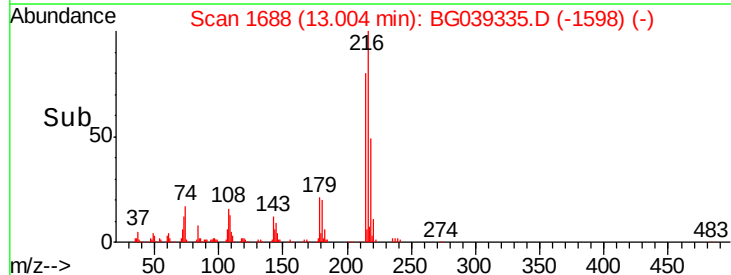
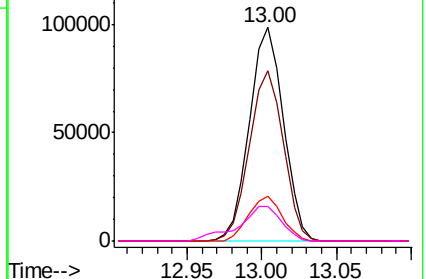


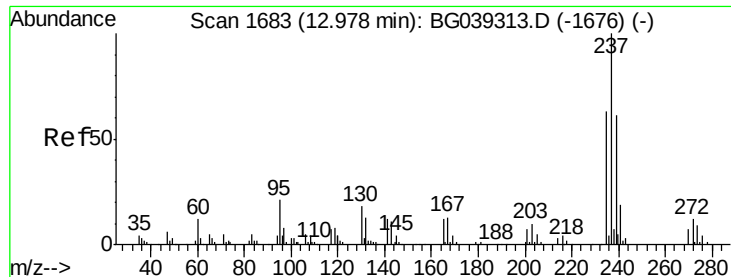
Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.328 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

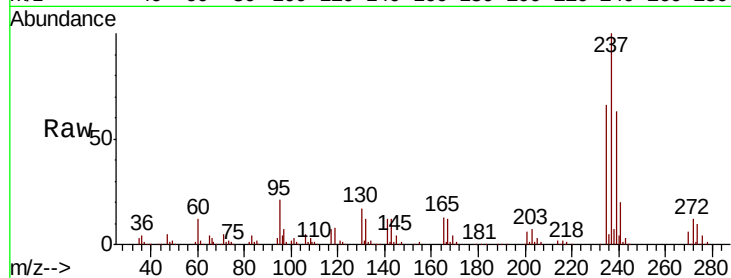
Tgt Ion: 237 Resp: 210411

Ion Ratio Lower Upper

237 100

235 66.0 43.3 83.3

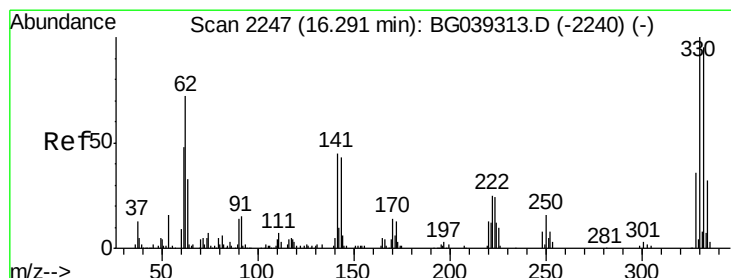
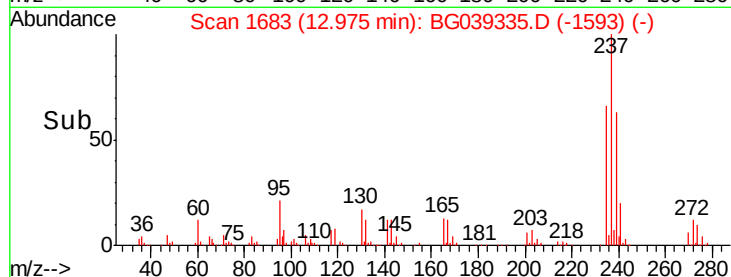
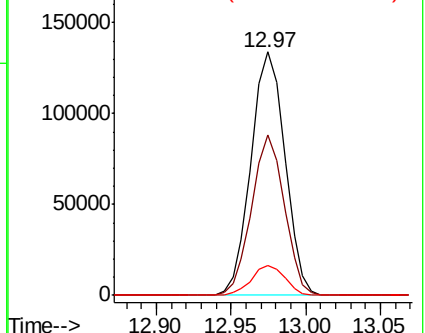
272 12.3 0.0 32.3



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: 144.101 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

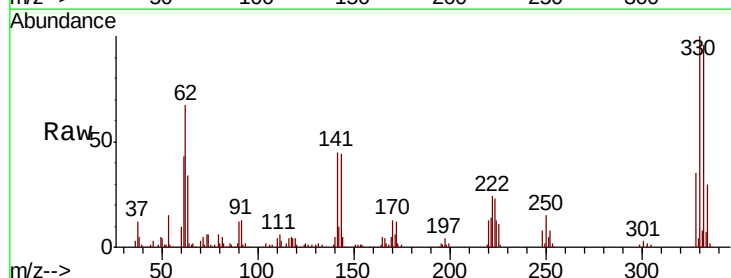
Tgt Ion: 330 Resp: 203968

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

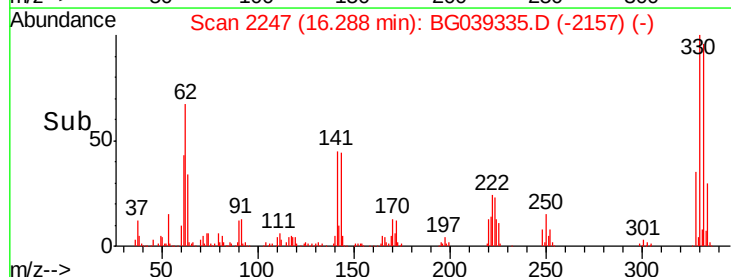
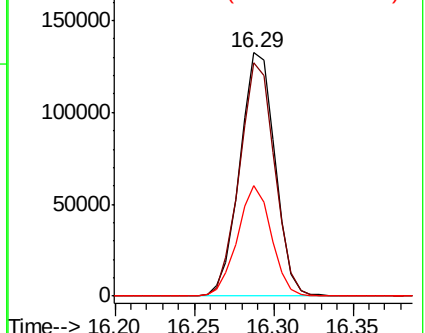
141 43.7 35.6 53.4

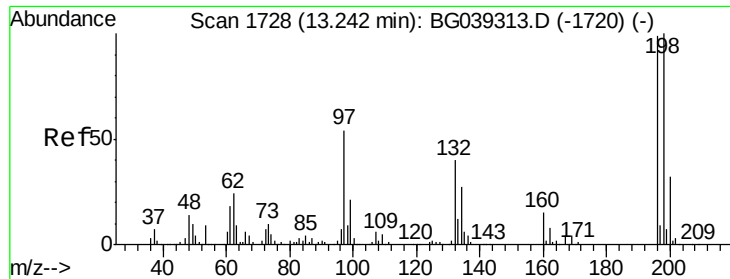


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

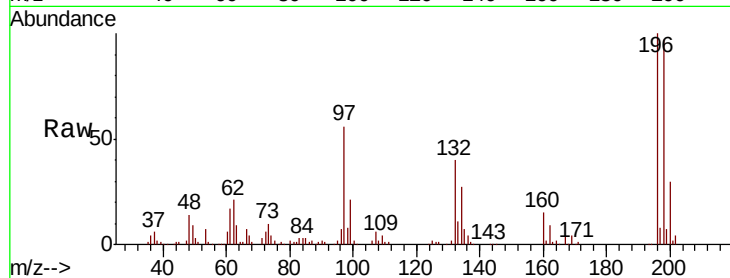




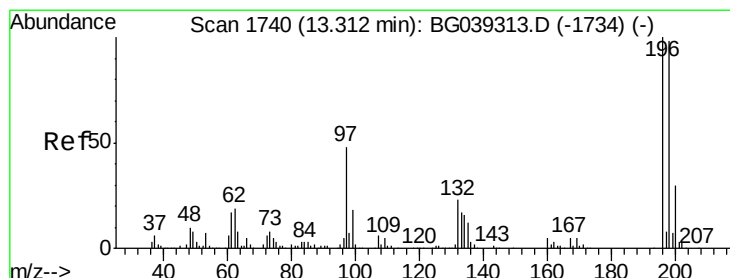
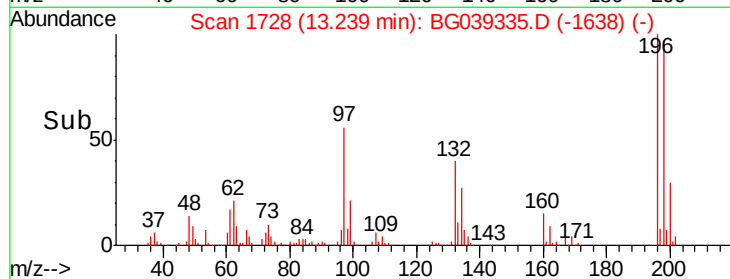
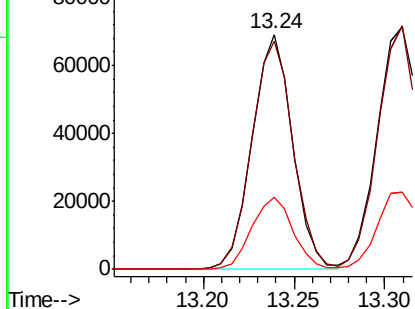
#43
 2,4,6-Trichlorophenol
 Concen: 41.925 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tgt Ion:196 Resp: 107809
 Ion Ratio Lower Upper
 196 100
 198 97.4 80.6 121.0
 200 30.5 26.1 39.1

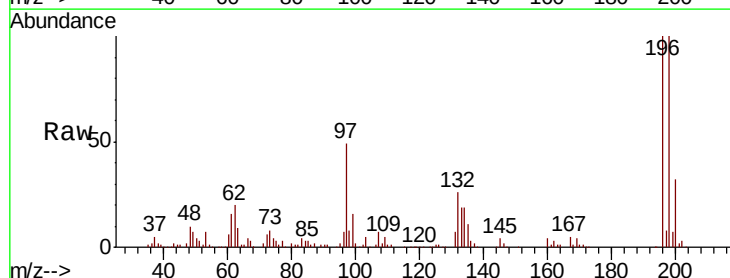


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

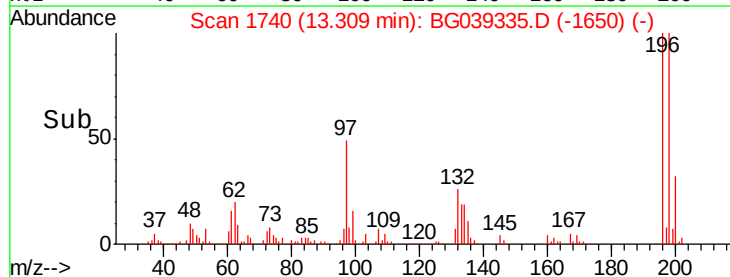
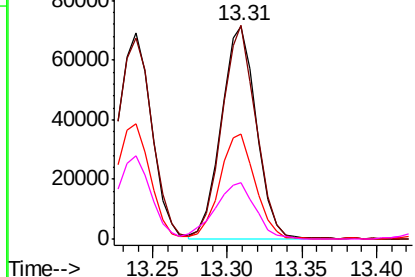


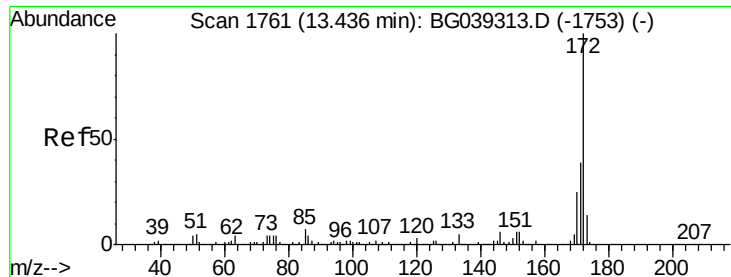
#44
 2,4,5-Trichlorophenol
 Concen: 43.302 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion:196 Resp: 116704
 Ion Ratio Lower Upper
 196 100
 198 100.4 78.5 117.7
 97 49.5 38.4 57.6
 132 26.6 19.2 28.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

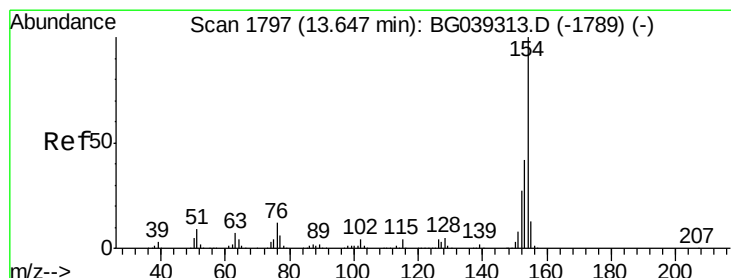
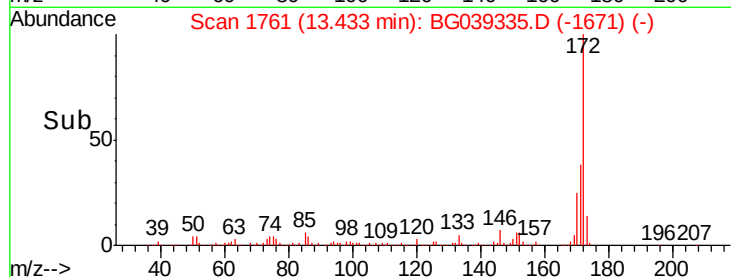
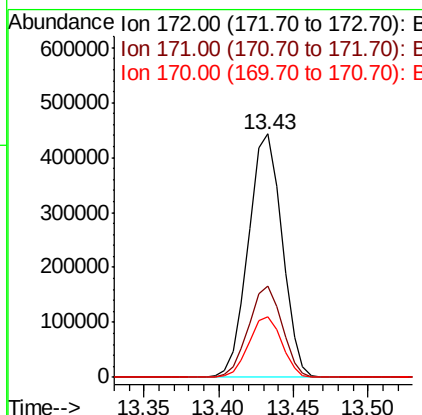
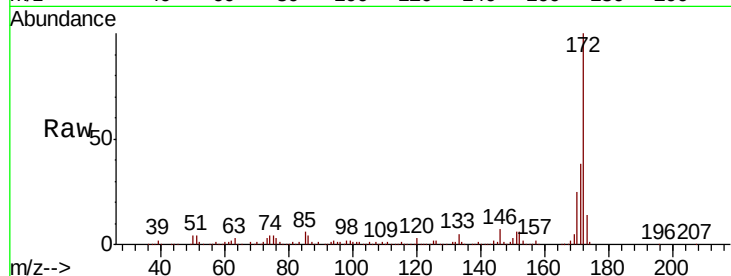




#45
 2-Fluorobiphenyl
 Concen: 75.587 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

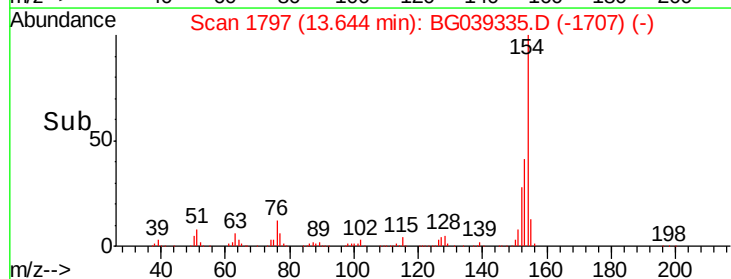
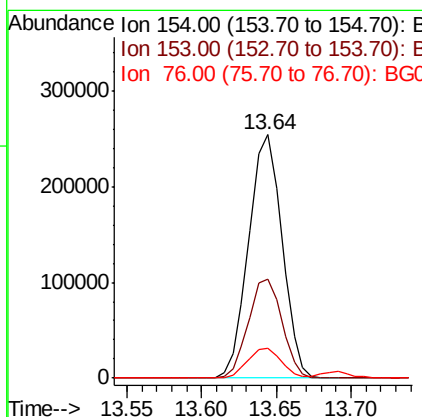
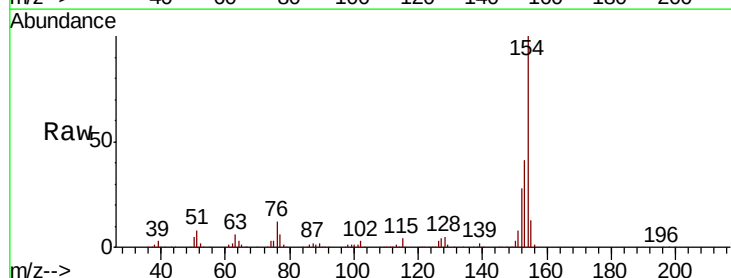
Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

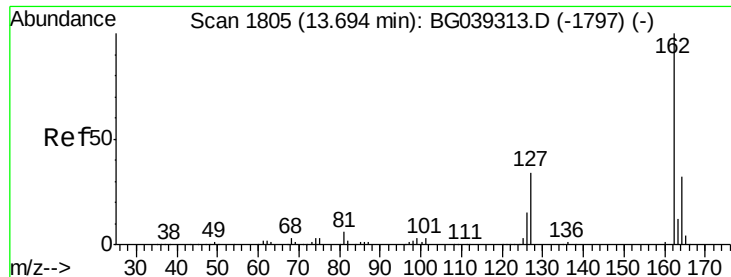
Tgt Ion:	172	Resp:	692590
Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	24.8	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 35.944 ng
 RT: 13.64 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion:	154	Resp:	393110
Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.1	62.1
76	12.4	0.0	32.4

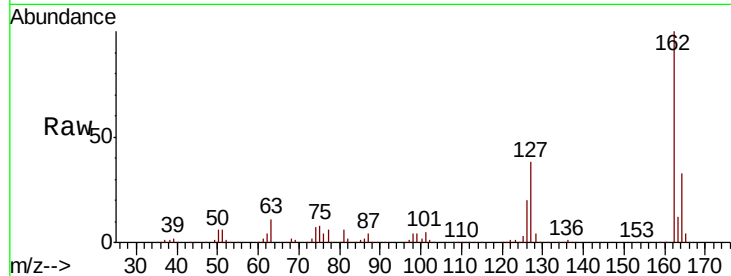




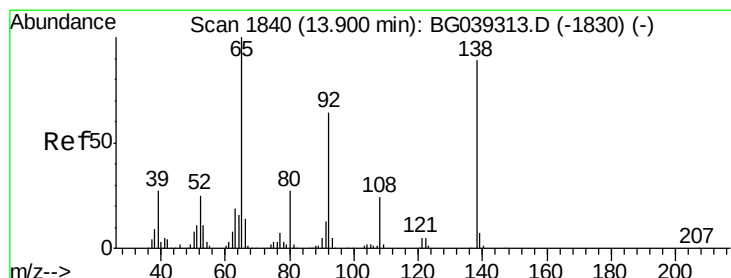
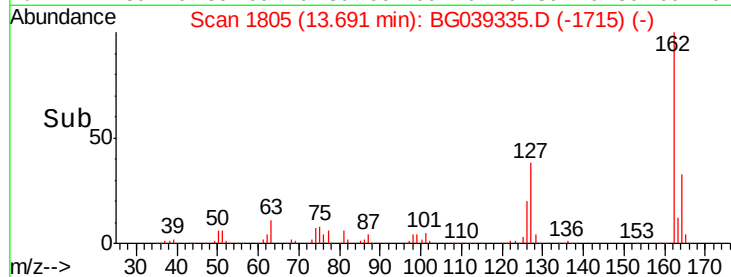
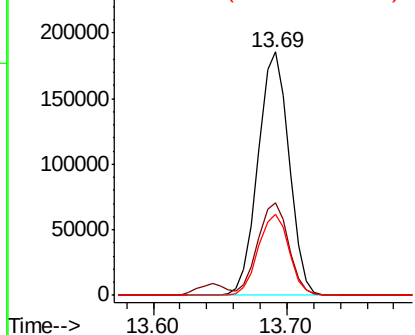
#47
 2-Chloronaphthalene
 Concen: 36.160 ng
 RT: 13.69 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tgt Ion: 162 Resp: 297502
 Ion Ratio Lower Upper
 162 100
 127 38.3 31.0 46.6
 164 33.4 25.7 38.5

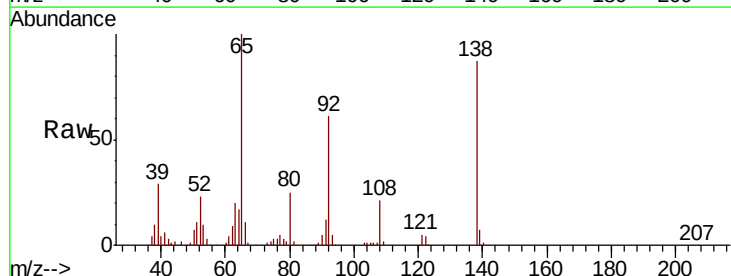


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

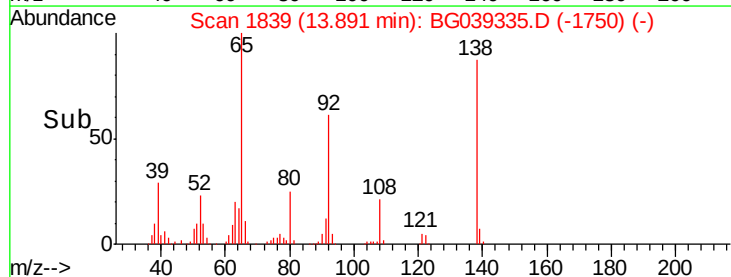
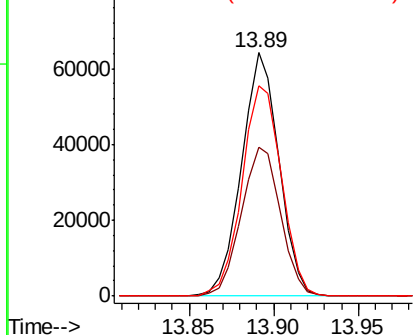


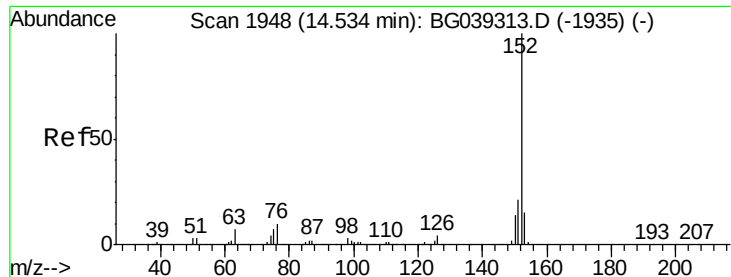
#48
 2-Nitroaniline
 Concen: 43.034 ng
 RT: 13.89 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion: 65 Resp: 99256
 Ion Ratio Lower Upper
 65 100
 92 61.0 51.4 77.2
 138 86.6 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.686 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

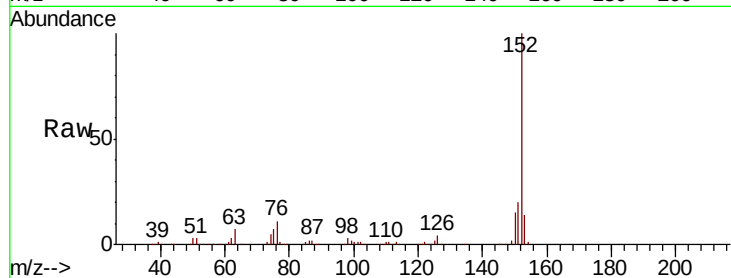
Tgt Ion:152 Resp: 492684

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

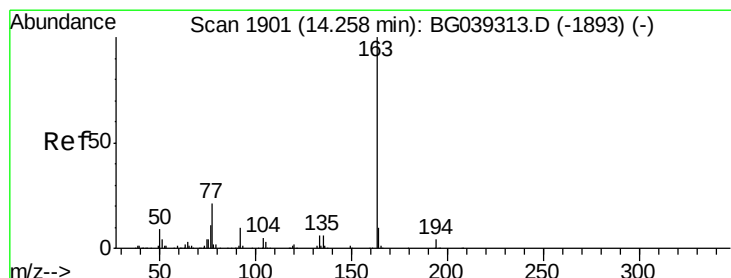
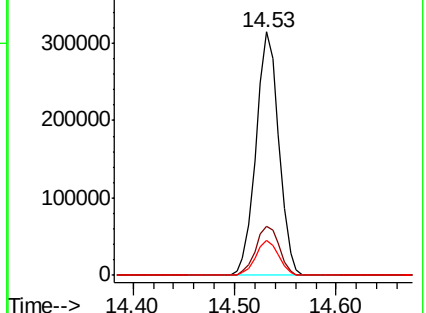
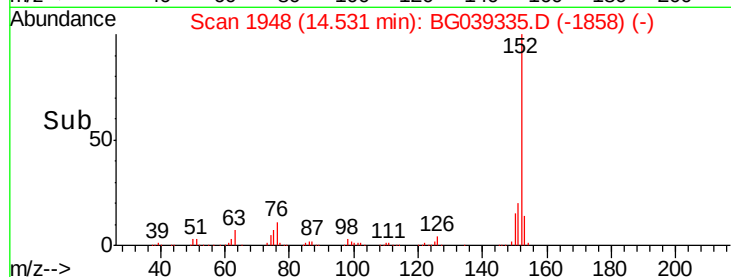
153 14.3 11.7 17.5



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: 38.101 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

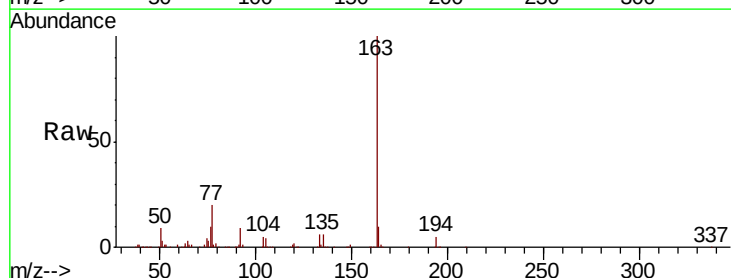
Tgt Ion:163 Resp: 404481

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

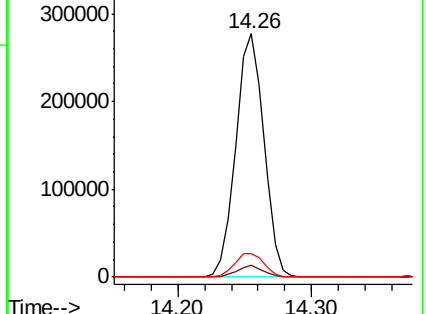
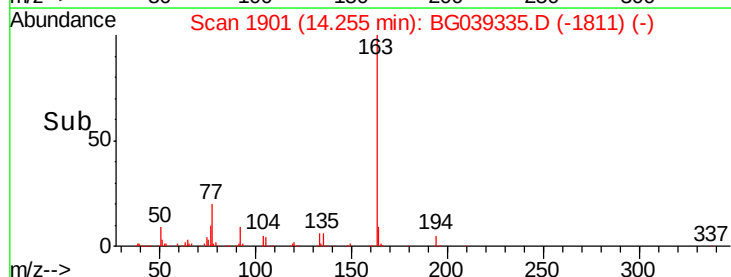
164 9.5 8.4 12.6

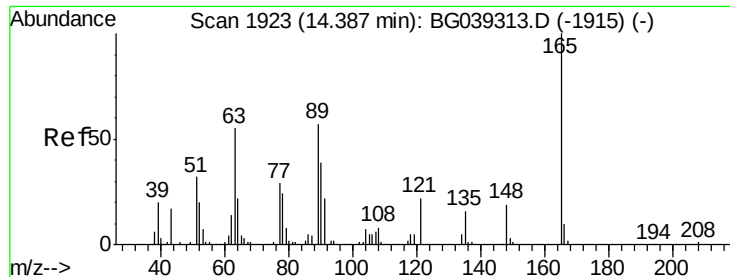


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.478 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

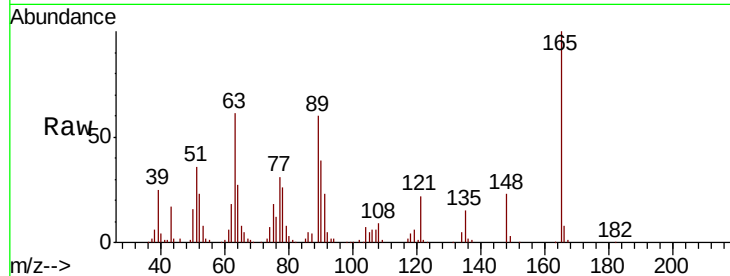
Tgt Ion:165 Resp: 82547

Ion Ratio Lower Upper

165 100

63 61.5 47.0 70.6

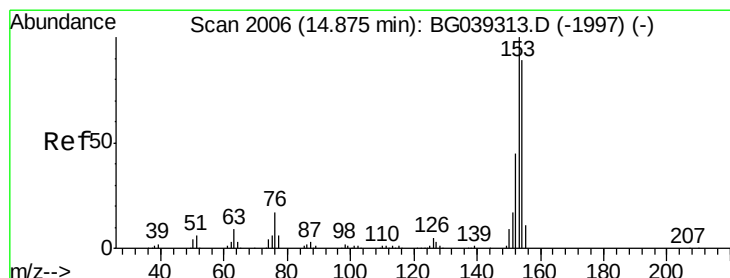
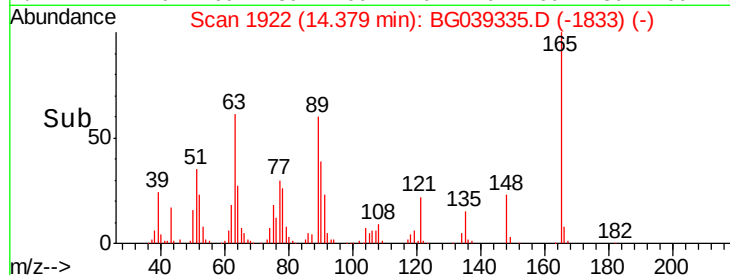
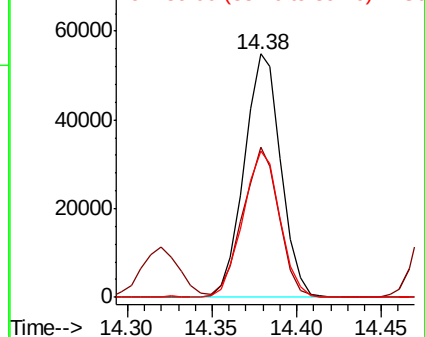
89 60.0 45.8 68.8



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: 37.003 ng

RT: 14.87 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

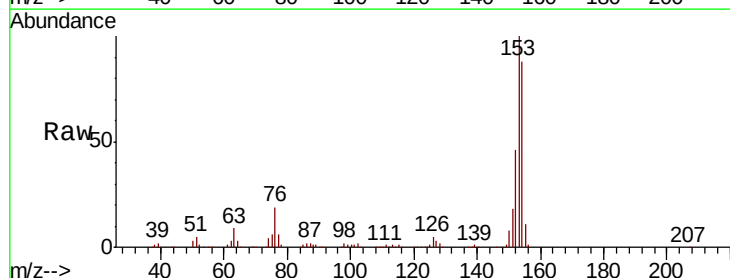
Tgt Ion:154 Resp: 298187

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

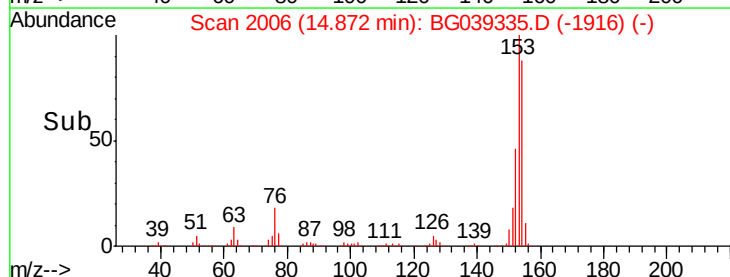
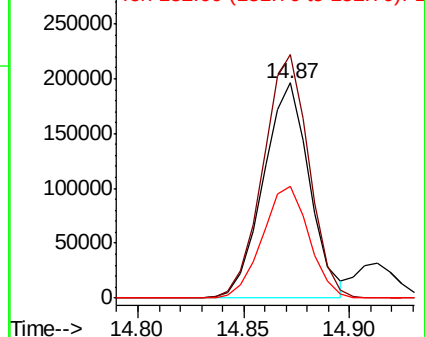
152 51.8 40.9 61.3

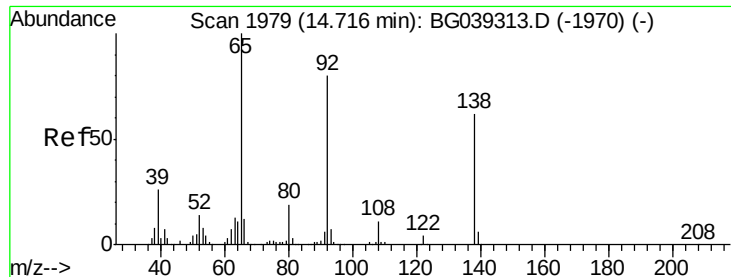


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

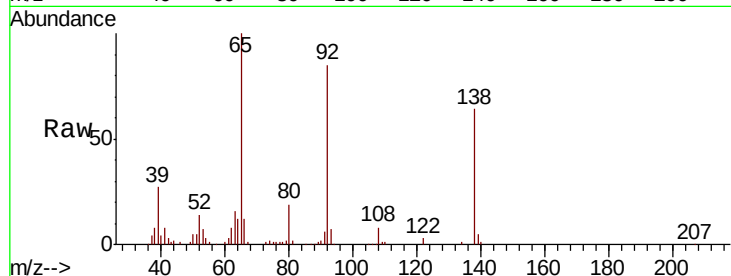




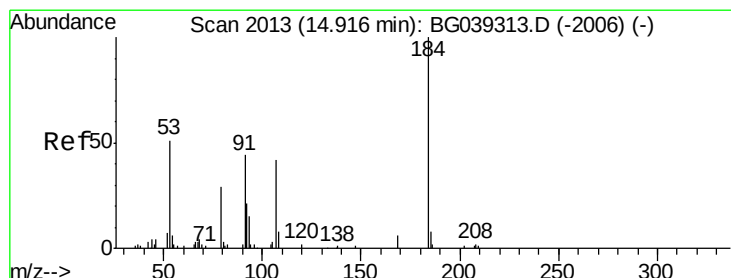
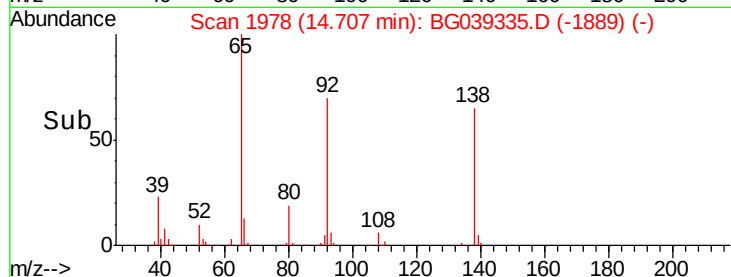
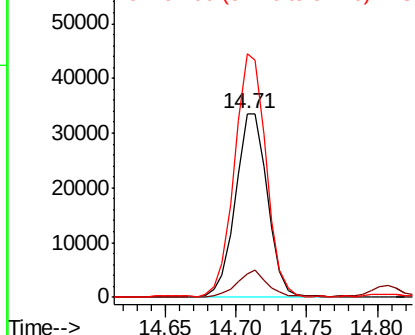
#53
3-Nitroaniline
Concen: 27.659 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tgt Ion:138 Resp: 53238
Ion Ratio Lower Upper
138 100
108 12.6 13.8 20.8#
92 132.4 103.7 155.5

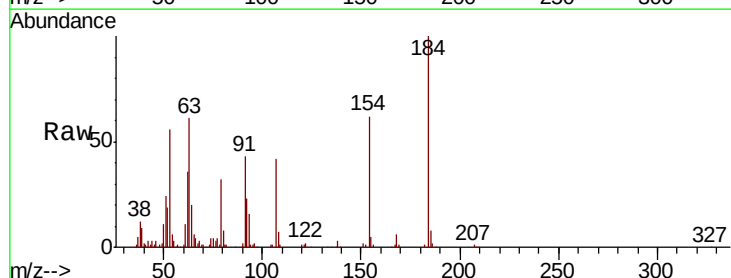


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

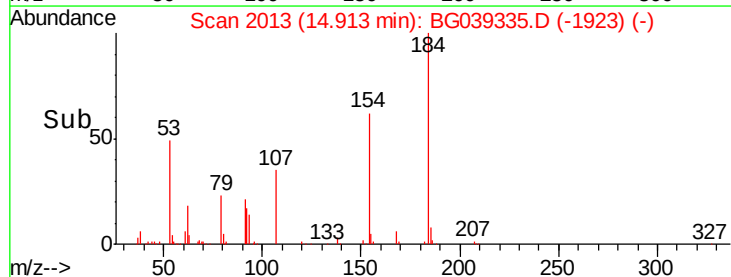
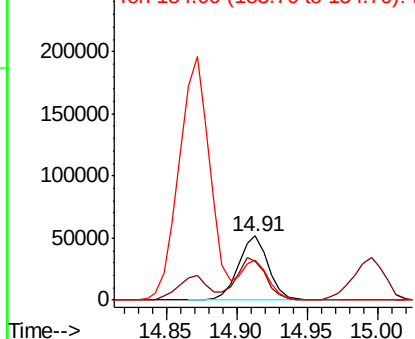


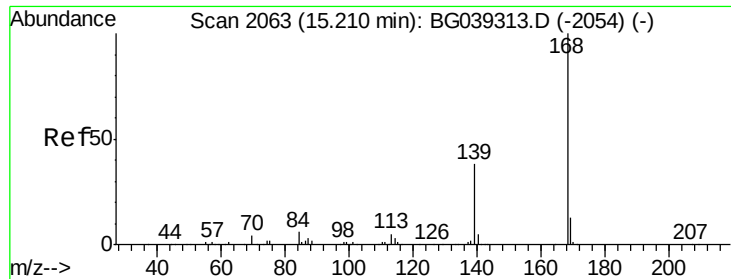
#54
2,4-Dinitrophenol
Concen: 84.599 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion:184 Resp: 76341
Ion Ratio Lower Upper
184 100
63 61.3 50.9 76.3
154 62.5 53.0 79.6



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

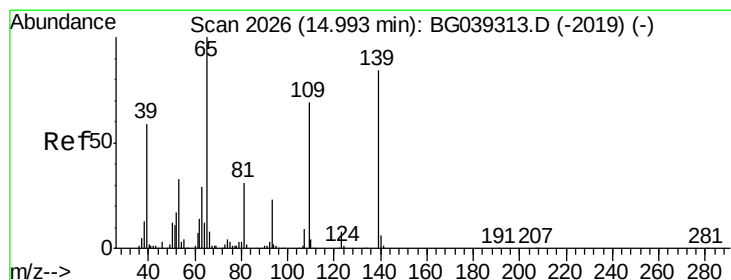
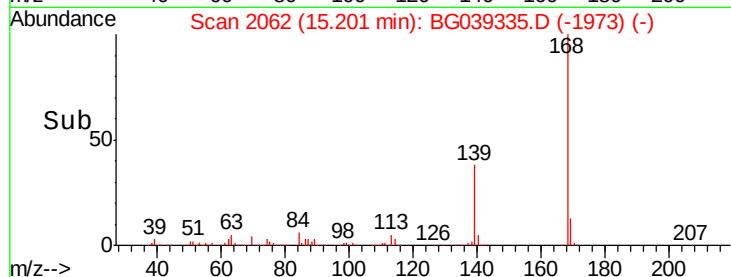
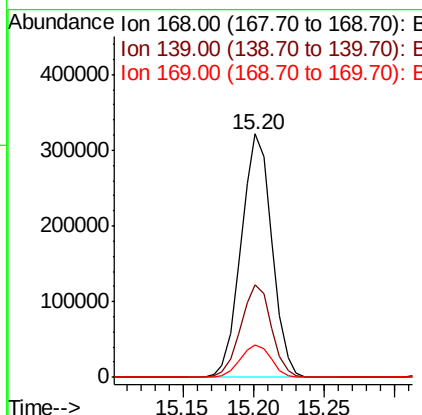
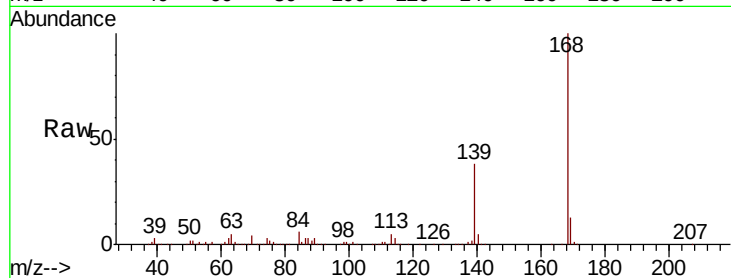




#55
Dibenzofuran
Concen: 37.882 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

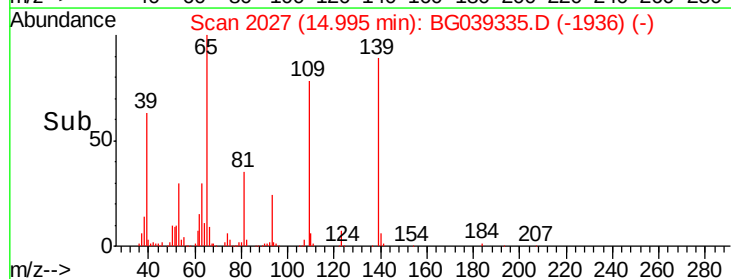
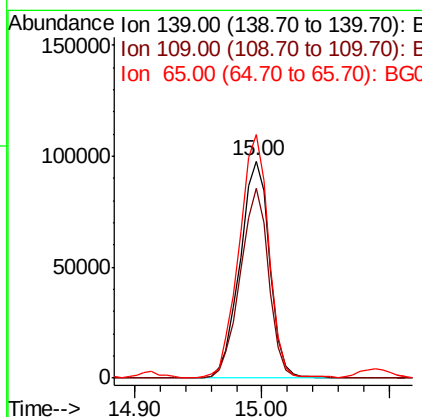
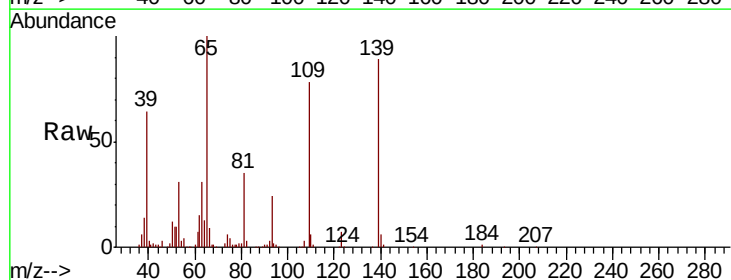
Instrument :
BNA_G
ClientSampleId :
PB116724BS

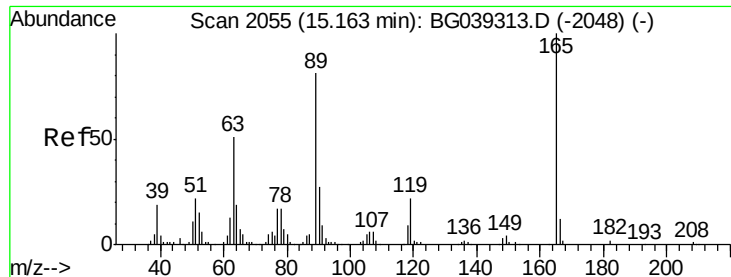
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	13.1	10.6	16.0



#56
4-Nitrophenol
Concen: 82.627 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.4	61.9	101.9
65	112.2	99.1	139.1

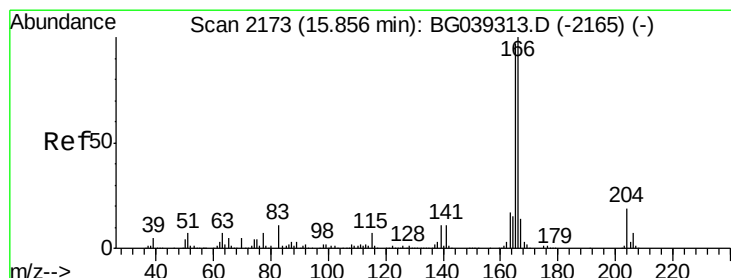
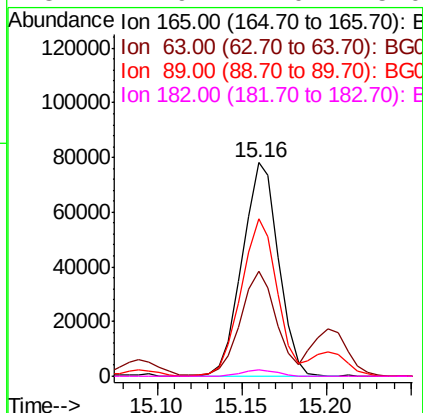
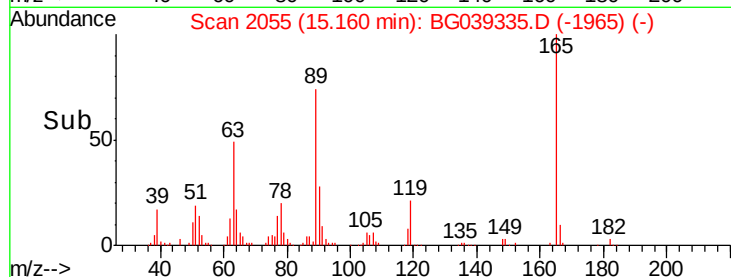
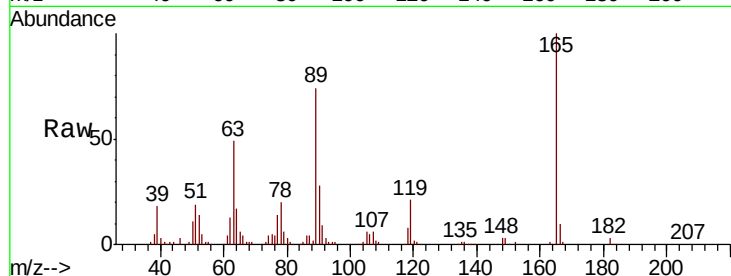




#57
2,4-Dinitrotoluene
Concen: 46.323 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

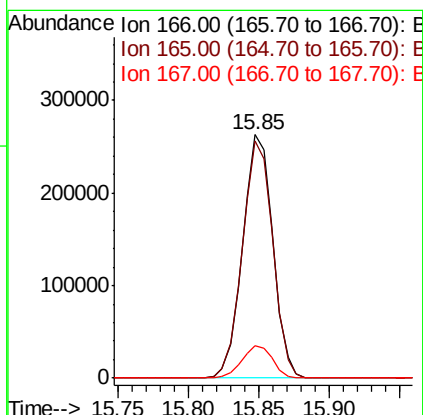
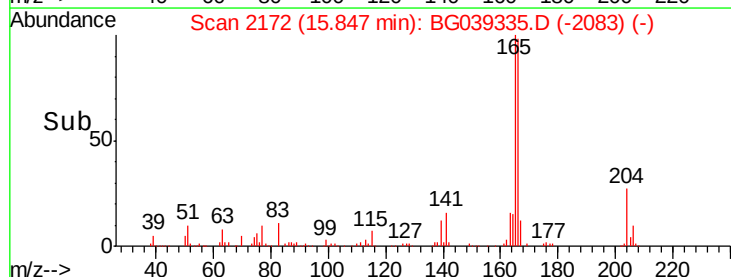
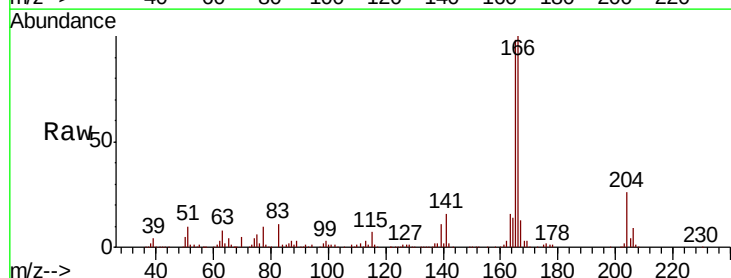
Instrument :
BNA_G
ClientSampleId :
PB116724BS

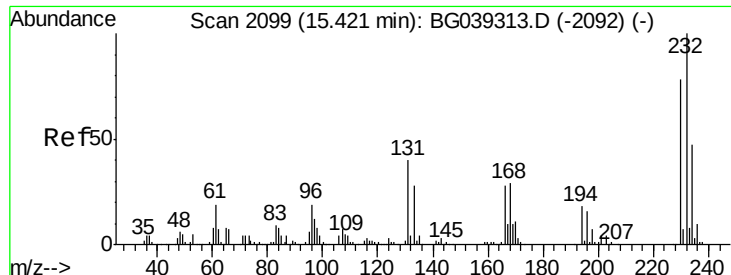
Tgt Ion:	165	Resp:	116899
Ion	Ratio	Lower	Upper
165	100		
63	49.0	41.0	61.6
89	73.6	64.6	96.8
182	2.9	2.0	3.0



#58
Fluorene
Concen: 40.936 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion:	166	Resp:	394285
Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	13.5	10.8	16.2

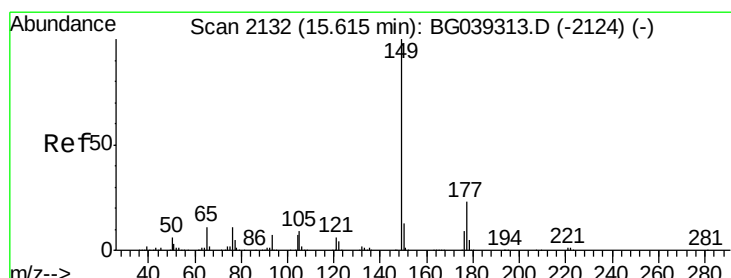
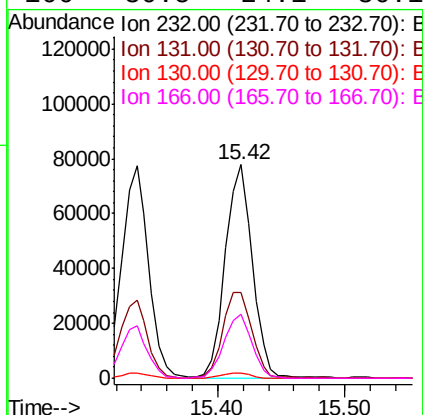
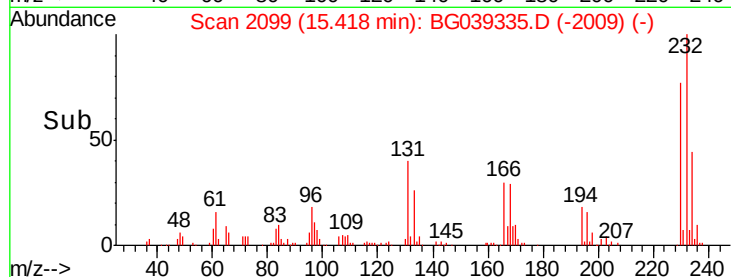
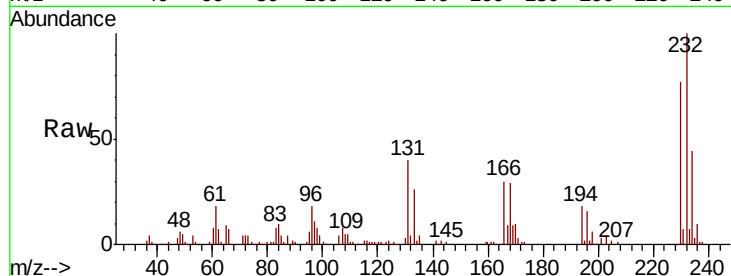




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.841 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

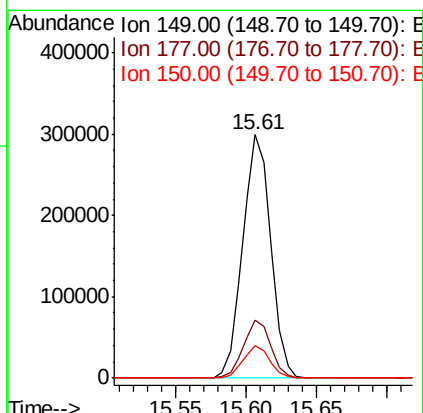
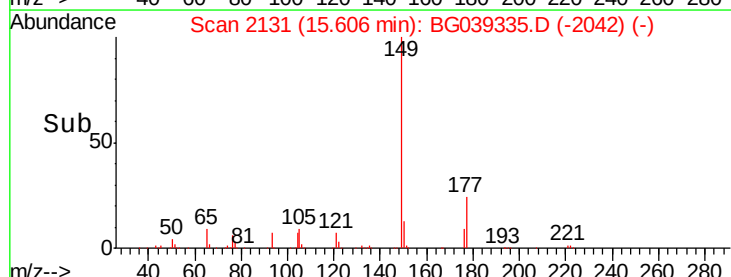
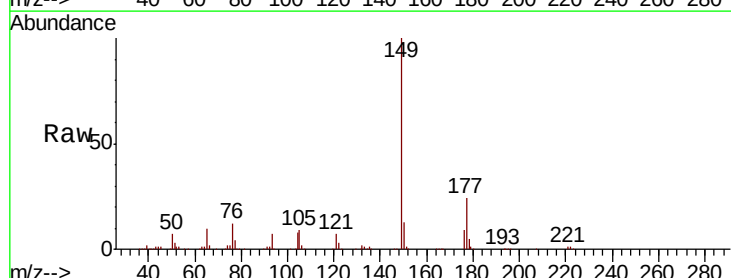
Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

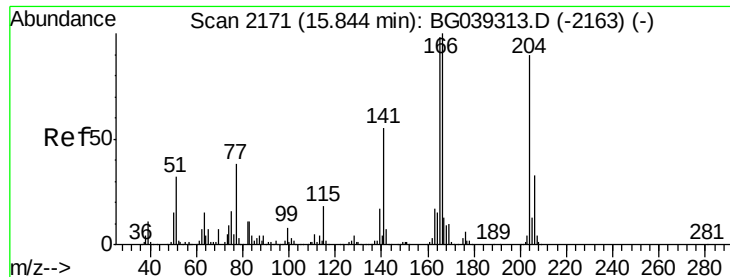
Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.2	34.9	52.3
130	2.7	2.0	3.0
166	30.5	24.1	36.1



#60
 Diethylphthalate
 Concen: 37.748 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.3	27.5
150	13.1	10.2	15.2

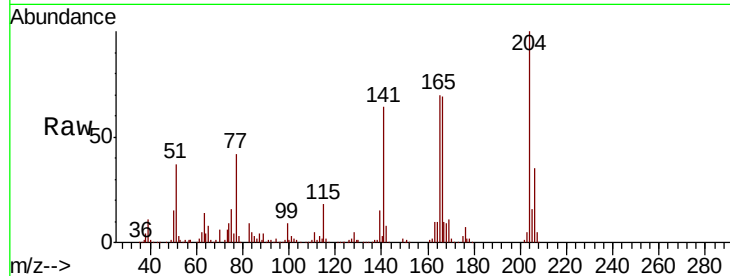




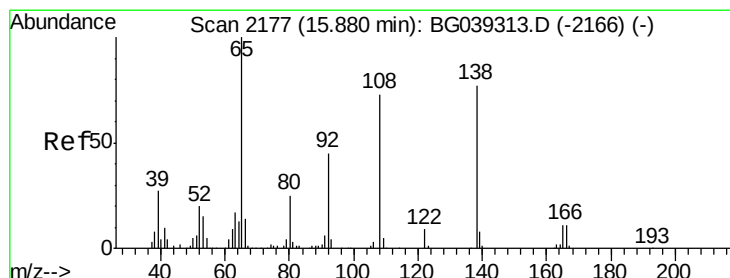
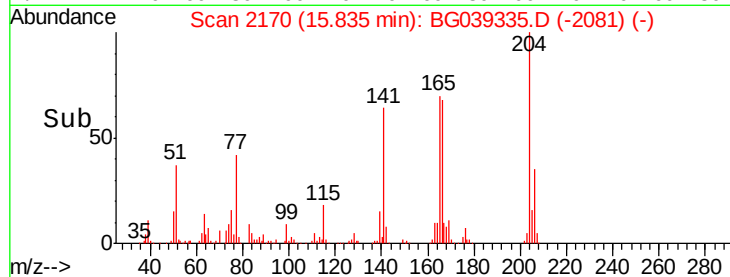
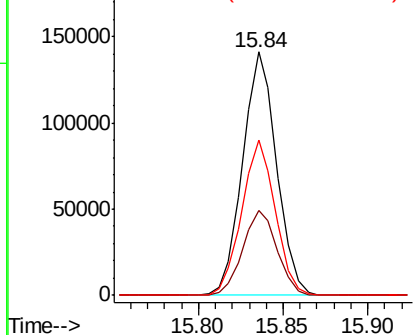
#61
 4-Chlorophenyl-phenylether
 Concen: 36.092 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tgt Ion: 204 Resp: 196837
 Ion Ratio Lower Upper
 204 100
 206 34.7 29.2 43.8
 141 64.0 49.0 73.4

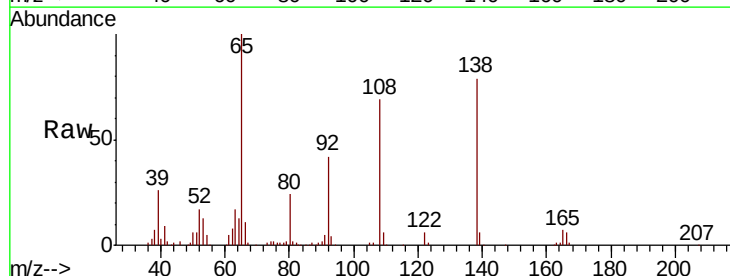


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

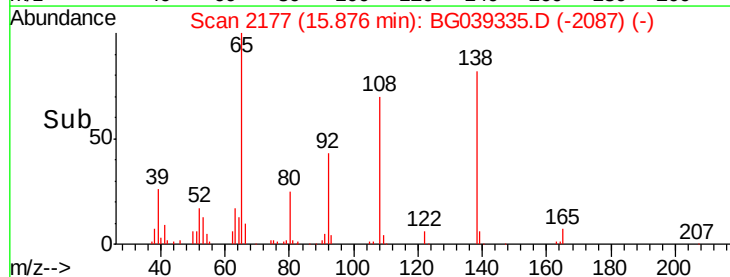
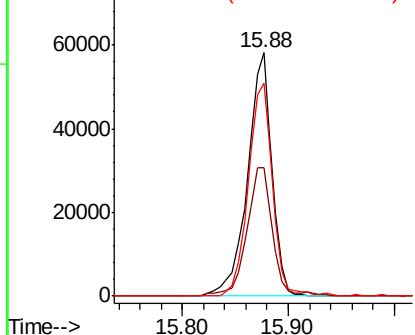


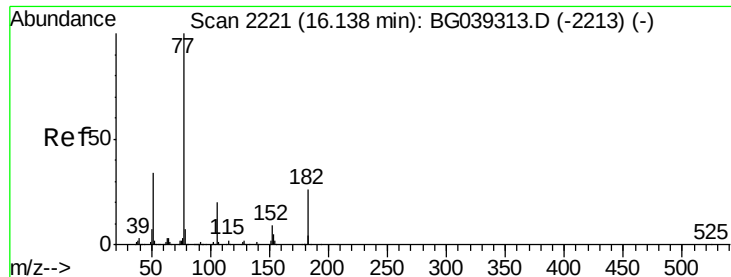
#62
 4-Nitroaniline
 Concen: 42.582 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion: 138 Resp: 93637
 Ion Ratio Lower Upper
 138 100
 92 52.9 38.7 78.7
 108 87.4 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: 36.040 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

Tgt Ion: 77 Resp: 386644

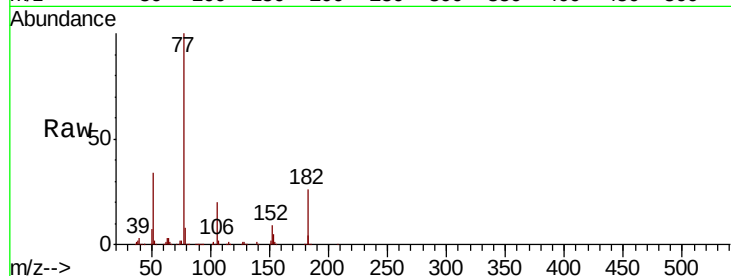
Ion Ratio Lower Upper

77 100

182 25.9 6.4 46.4

105 19.8 0.0 39.8

51 34.4 14.1 54.1

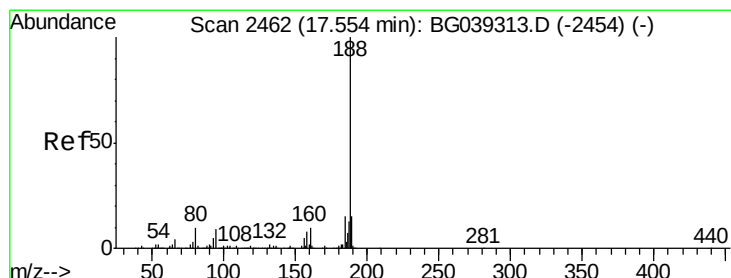
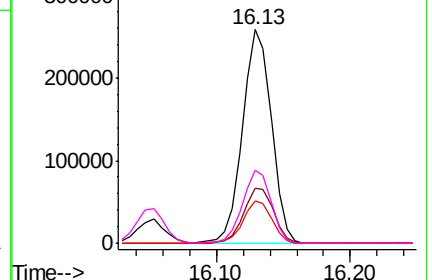
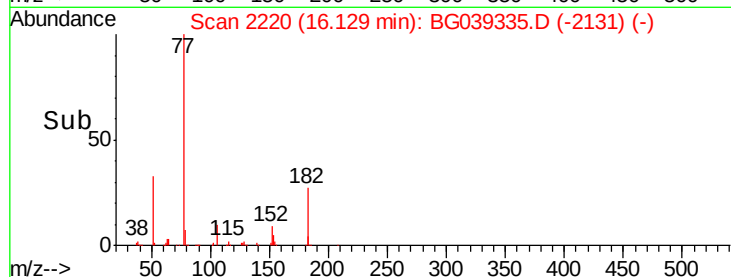


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039335.D

Acq: 30 Jan 2019 19:51

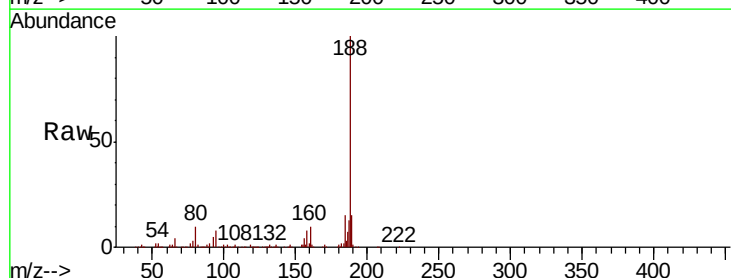
Tgt Ion: 188 Resp: 320014

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

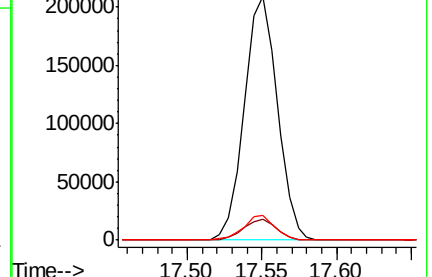
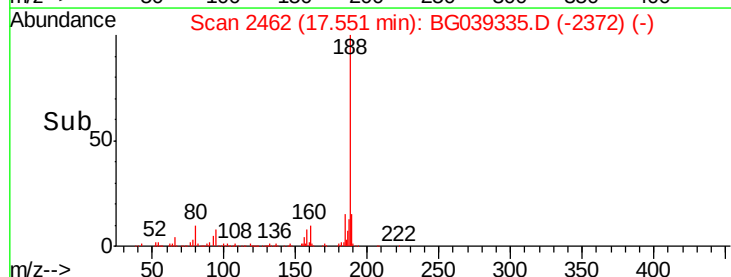
80 10.0 8.1 12.1

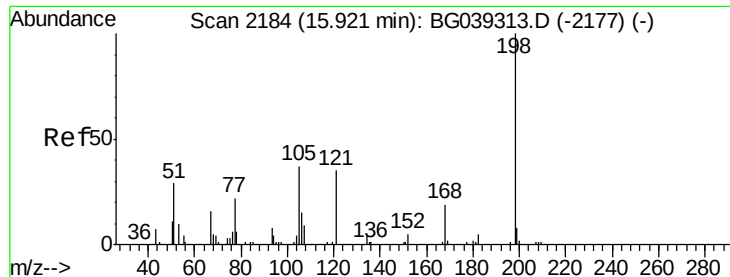


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

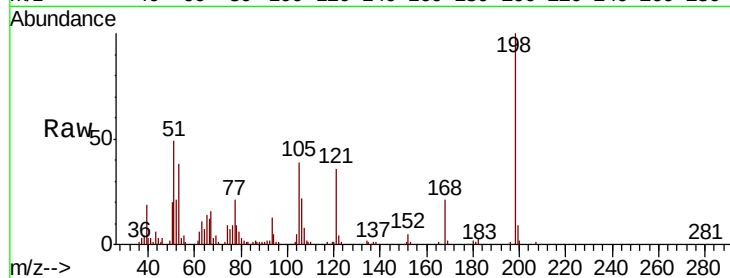




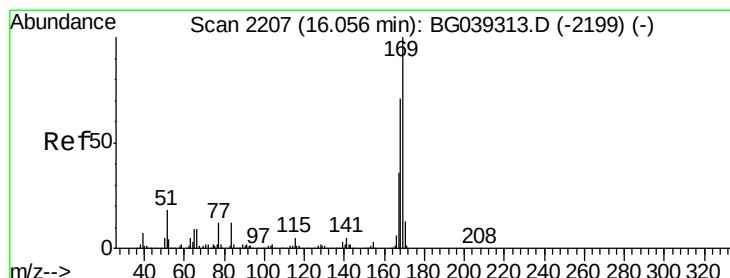
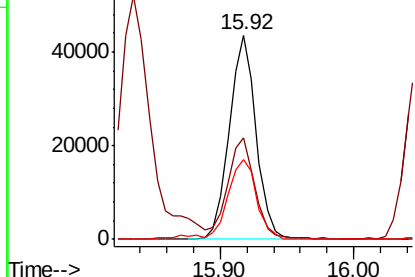
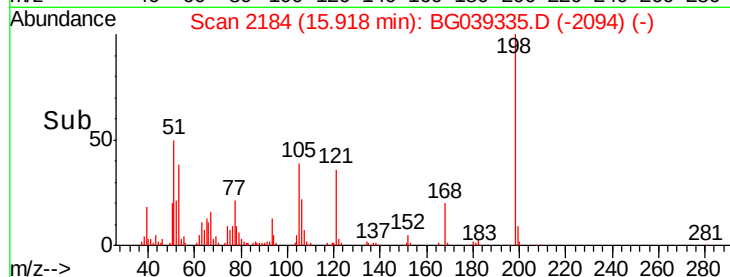
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.305 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tgt Ion:198 Resp: 61057
 Ion Ratio Lower Upper
 198 100
 51 49.5 27.4 67.4
 105 39.0 19.7 59.7

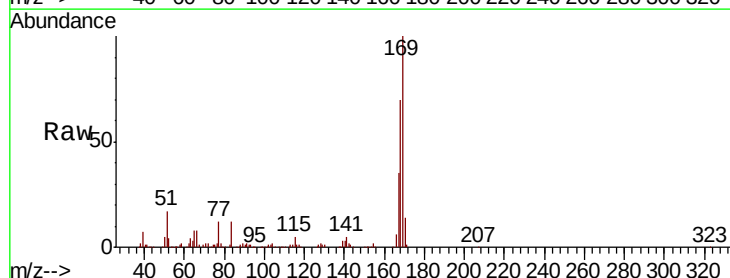


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

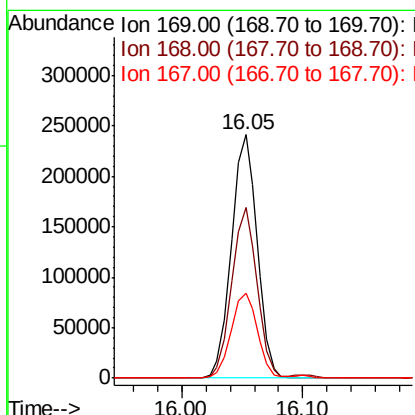
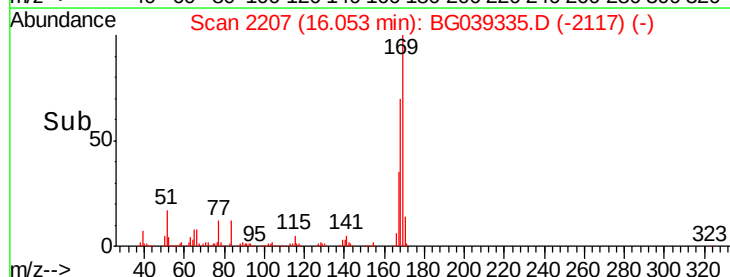


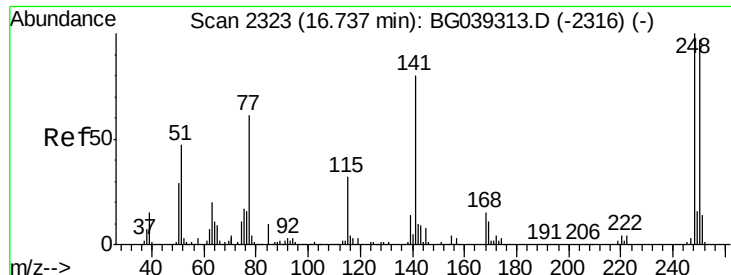
#66
 n-Nitrosodiphenylamine
 Concen: 36.740 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion:169 Resp: 357503
 Ion Ratio Lower Upper
 169 100
 168 69.9 56.6 85.0
 167 35.0 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

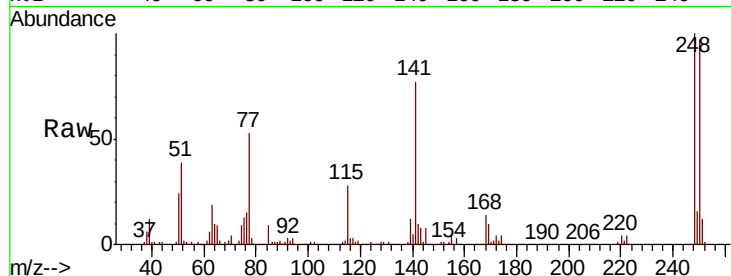




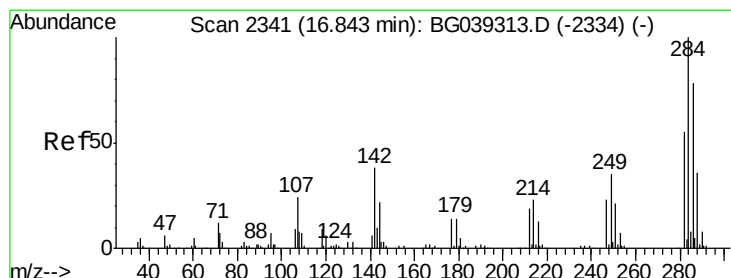
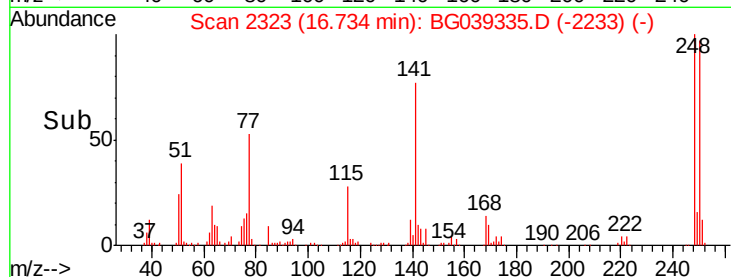
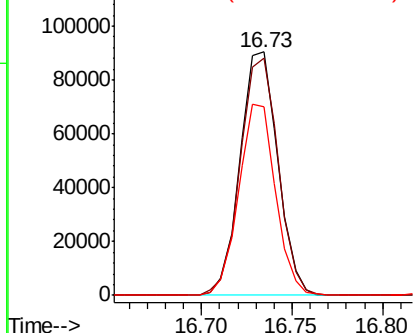
#67
 4-Bromophenyl-phenylether
 Concen: 36.946 ng
 RT: 16.73 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

Tgt Ion:248 Resp: 131164
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.6 116.4
 141 77.4 63.9 95.9

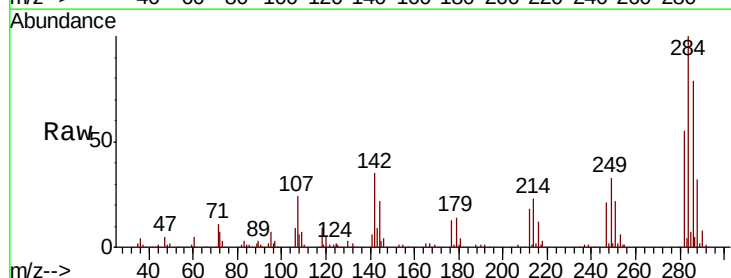


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

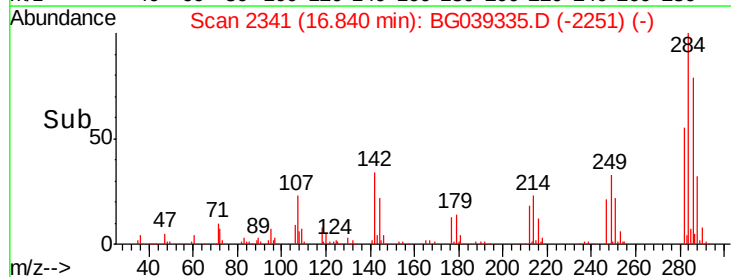
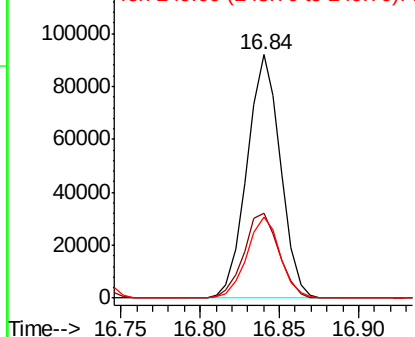


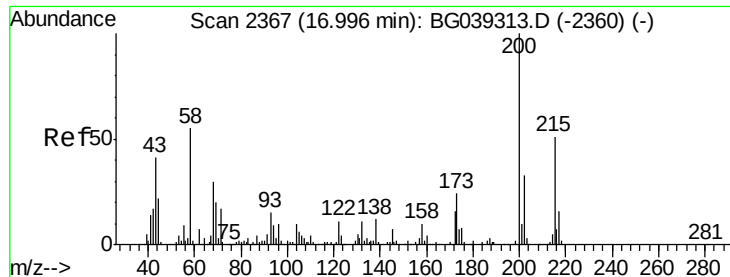
#68
 Hexachlorobenzene
 Concen: 37.845 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion:284 Resp: 134801
 Ion Ratio Lower Upper
 284 100
 142 35.1 30.6 45.8
 249 33.5 28.2 42.2



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





#69

Atrazine

Concen: 40.892 ng

RT: 16.99 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

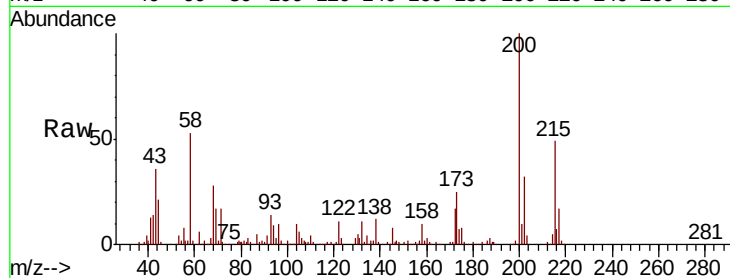
Tgt Ion:200 Resp: 145408

Ion Ratio Lower Upper

200 100

173 25.3 3.9 43.9

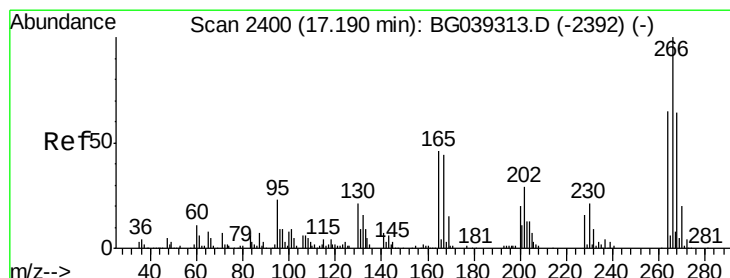
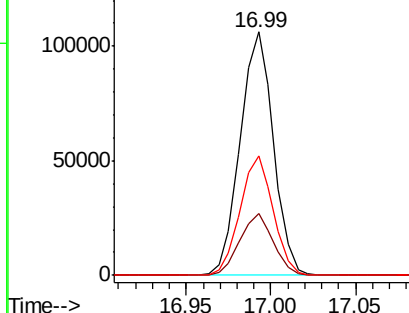
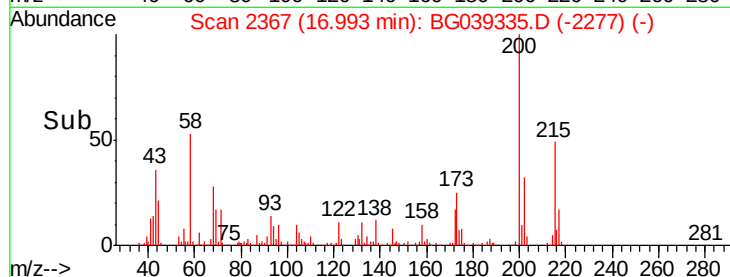
215 48.9 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.352 ng

RT: 17.19 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

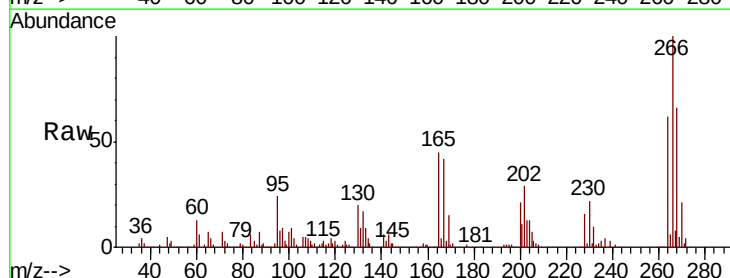
Tgt Ion:266 Resp: 186541

Ion Ratio Lower Upper

266 100

268 65.8 51.1 76.7

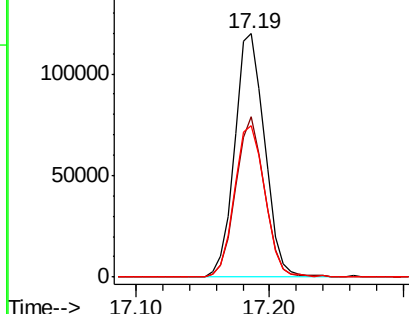
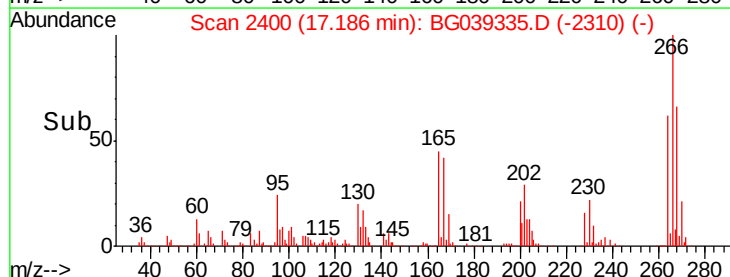
264 62.3 52.1 78.1

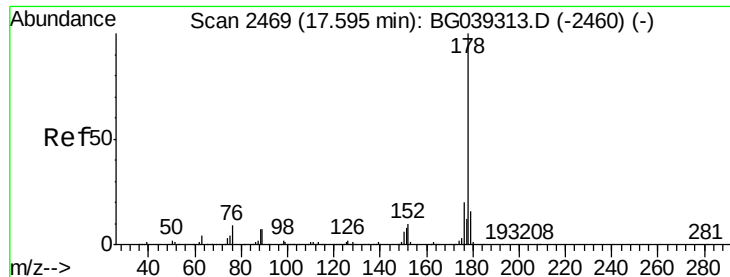


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

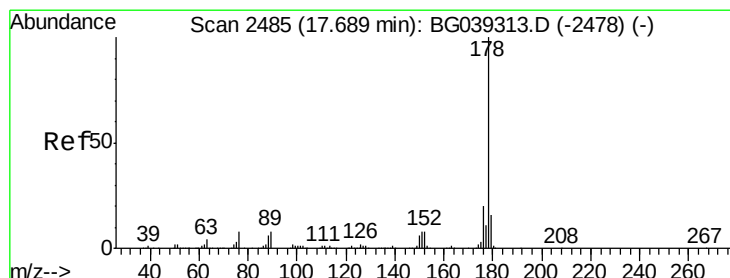
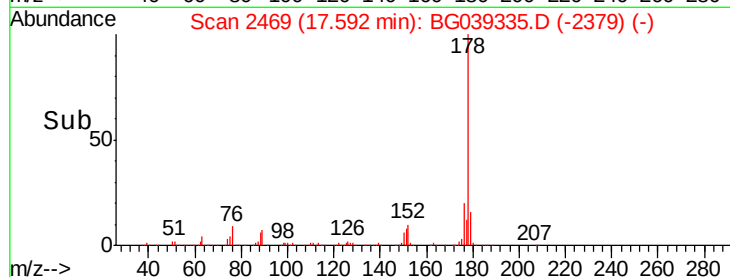
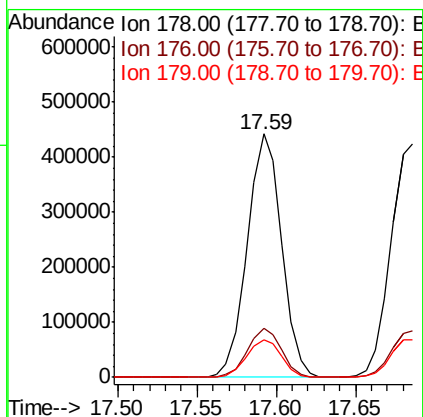
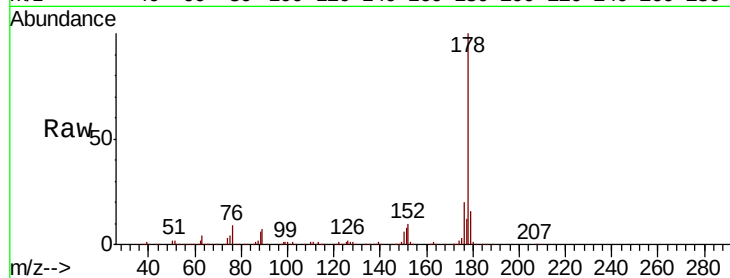




#71
Phenanthrene
Concen: 40.148 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

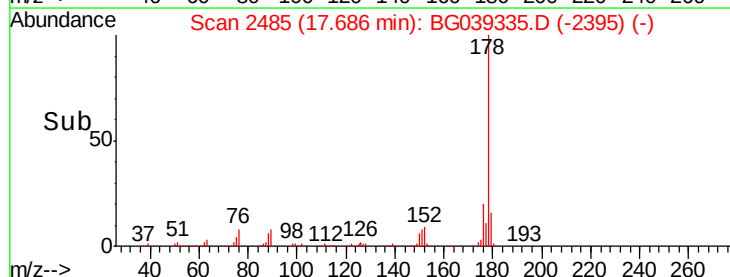
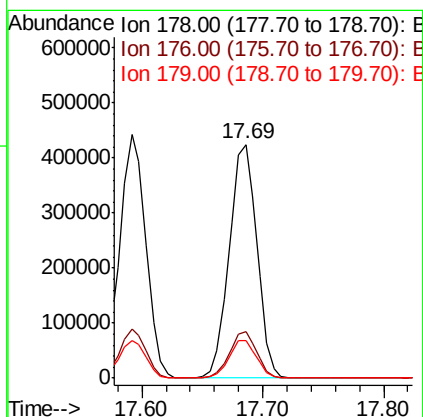
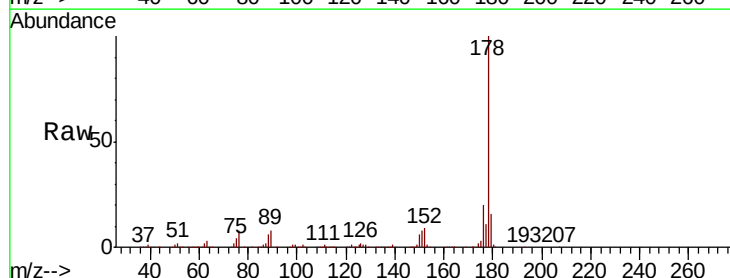
Instrument :
BNA_G
ClientSampleId :
PB116724BS

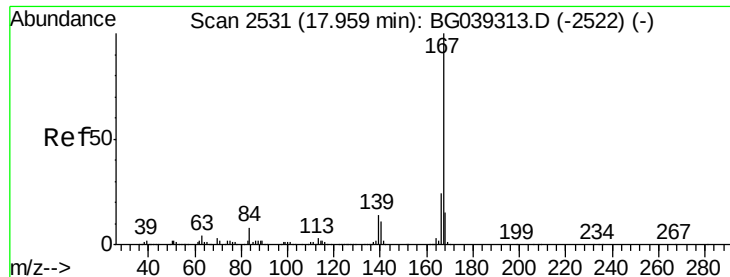
Tgt Ion:178 Resp: 664968
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.7 12.6 19.0



#72
Anthracene
Concen: 41.458 ng
RT: 17.69 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion:178 Resp: 676376
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.2 12.5 18.7

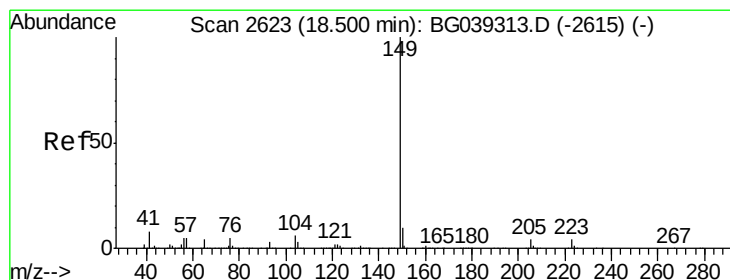
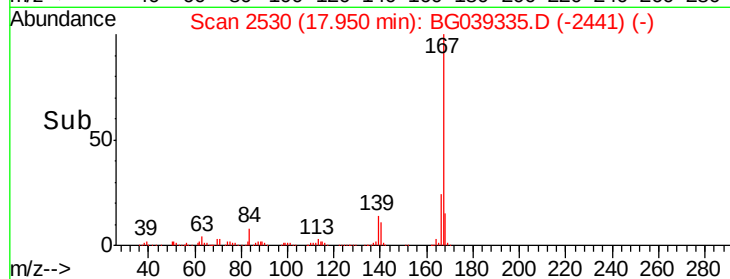
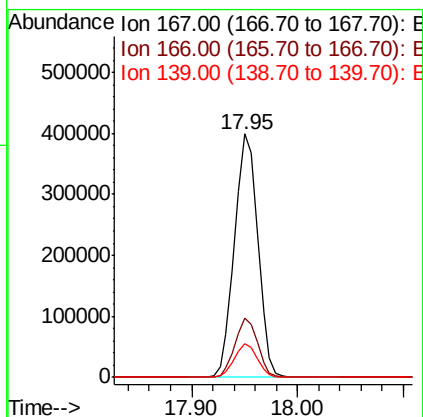
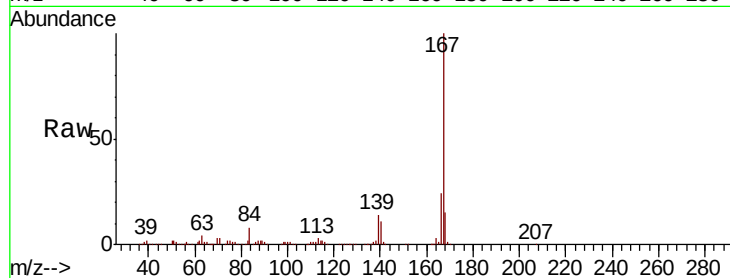




#73
 Carbazole
 Concen: 37.224 ng
 RT: 17.95 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

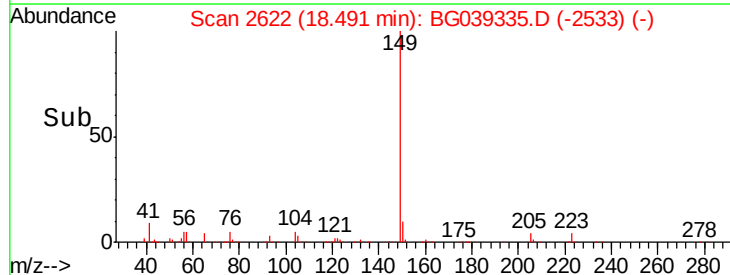
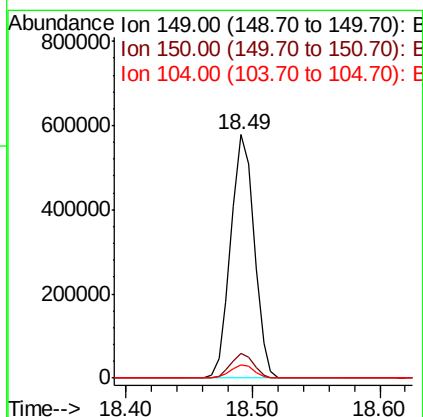
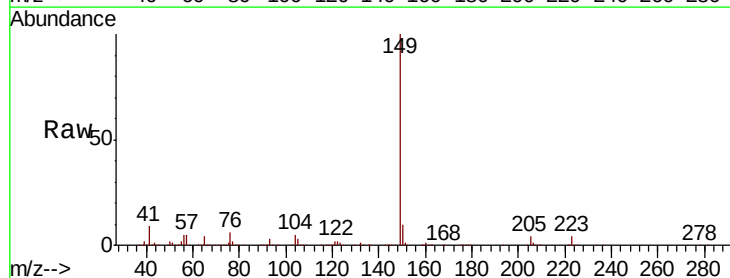
Instrument :
 BNA_G
 ClientSampleId :
 PB116724BS

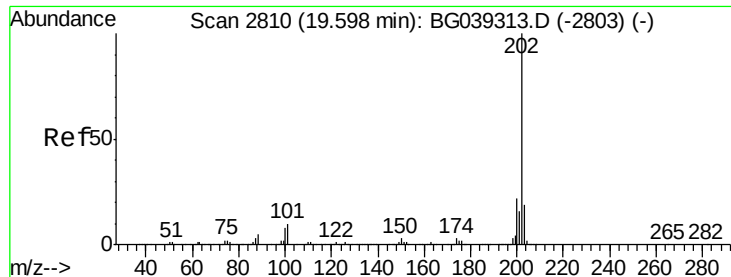
Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.4	29.2
139	13.8	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 38.919 ng
 RT: 18.49 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BG039335.D
 Acq: 30 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 42.671 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

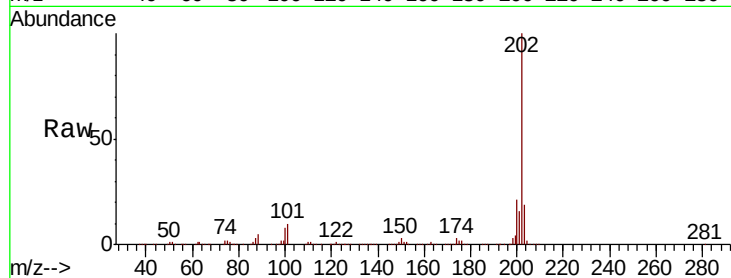
Instrument :

BNA_G

ClientSampleId :

PB116724BS

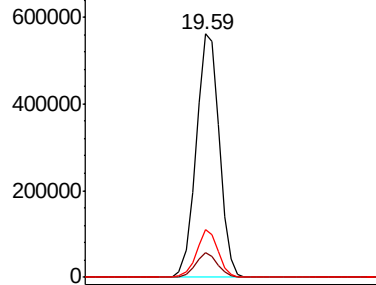
Tgt Ion:	202	Resp:	820325
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.0
203	19.4	0.0	38.9



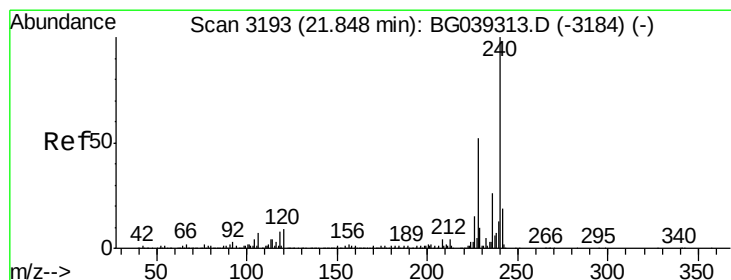
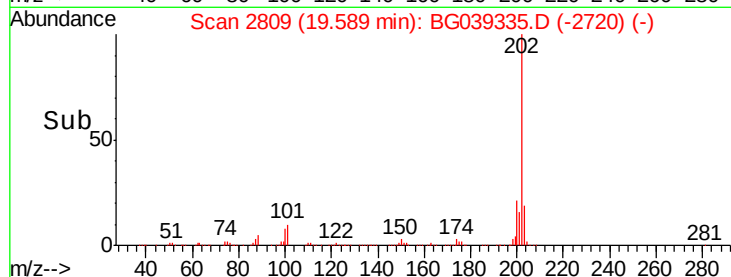
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

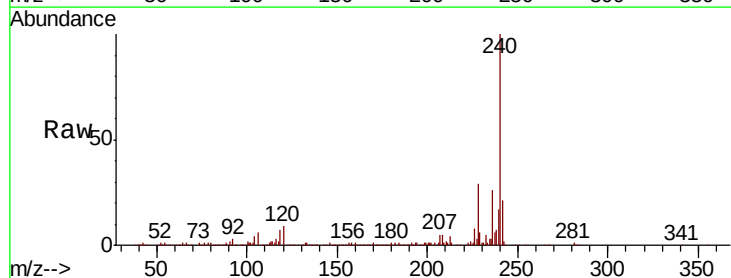
RT: 21.84 min Scan# 3193

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

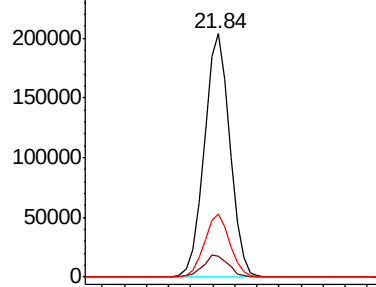
Tgt Ion:	240	Resp:	330271
Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	26.1	21.0	31.4



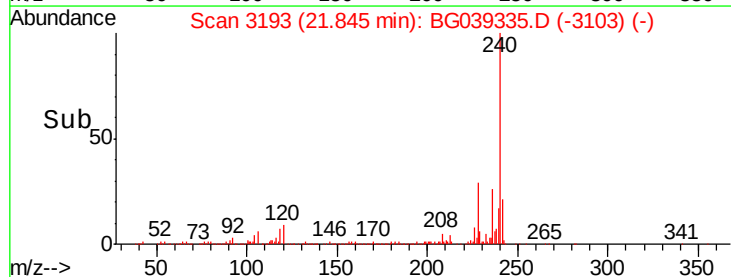
Abundance Ion 240.00 (239.70 to 240.70): E

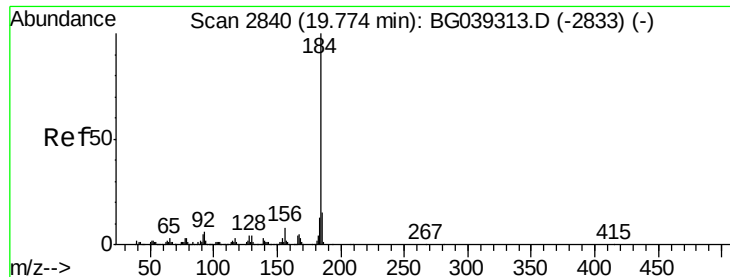
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 25.867 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

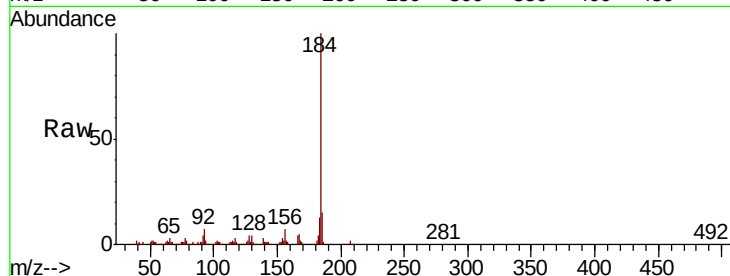
Tgt Ion:184 Resp: 280089

Ion Ratio Lower Upper

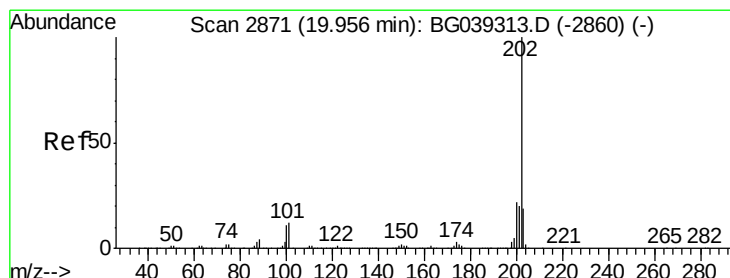
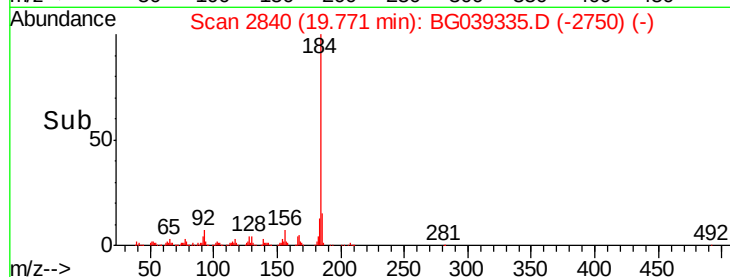
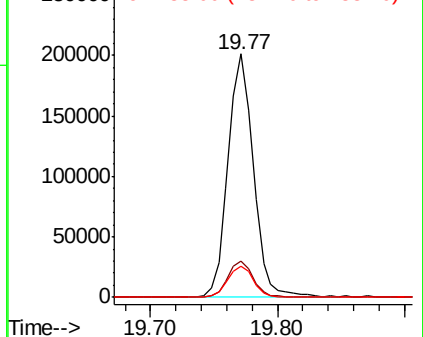
184 100

185 15.0 12.2 18.2

183 12.9 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: 39.800 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

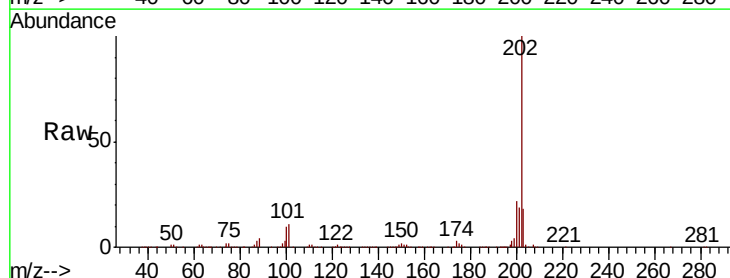
Tgt Ion:202 Resp: 818289

Ion Ratio Lower Upper

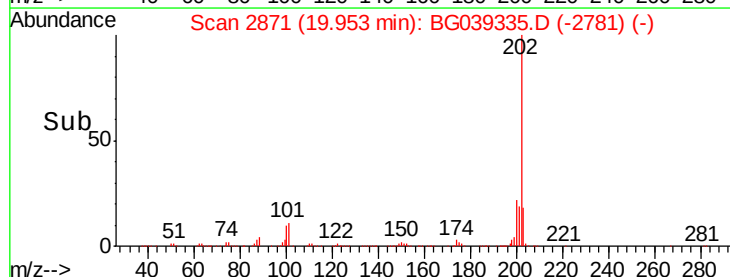
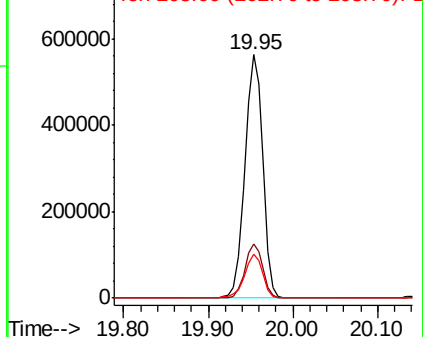
202 100

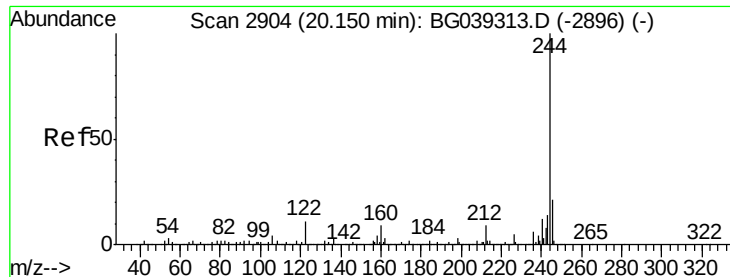
200 22.2 17.8 26.8

203 18.2 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: 78.830 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

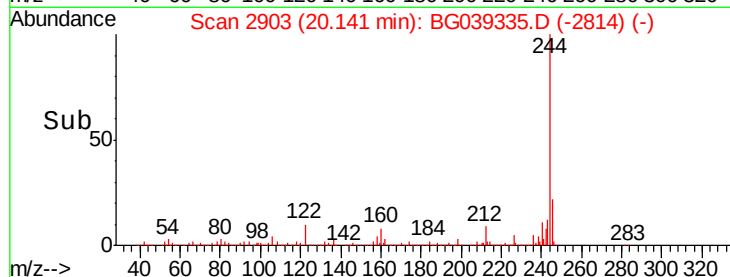
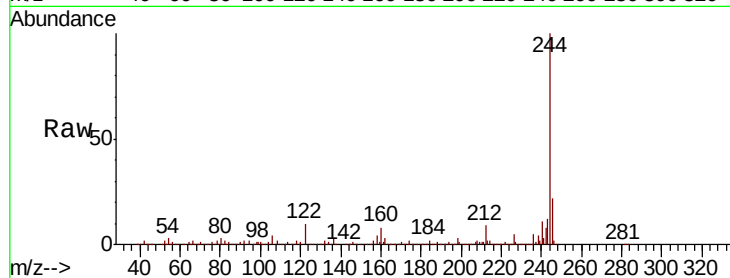
Tgt Ion:244 Resp: 1230002

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

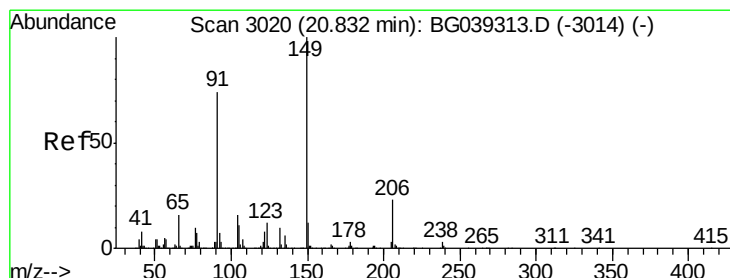
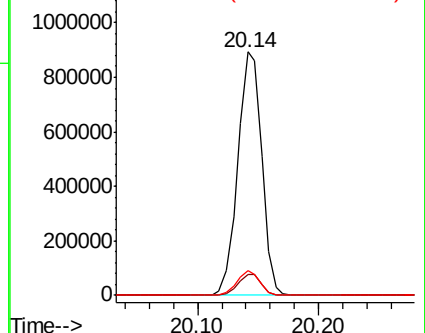
122 10.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.513 ng

RT: 20.83 min Scan# 3020

Delta R.T. -0.00 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

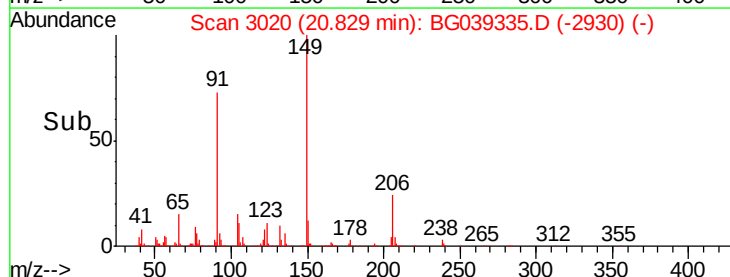
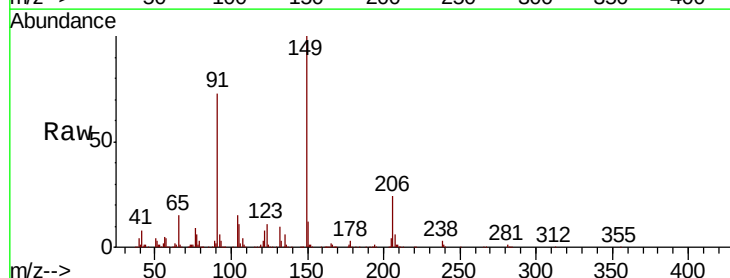
Tgt Ion:149 Resp: 342702

Ion Ratio Lower Upper

149 100

91 73.0 59.5 89.3

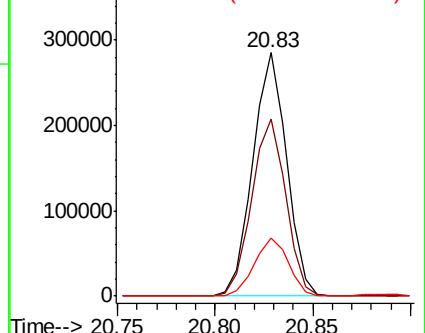
206 24.0 18.6 27.8

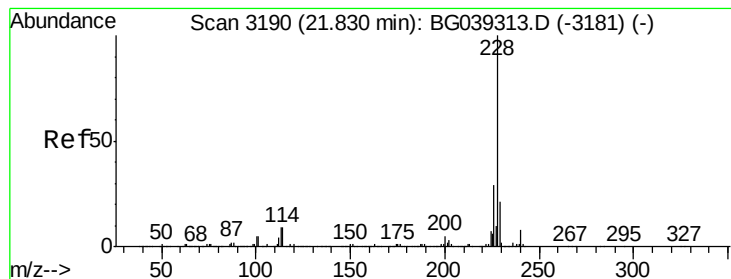


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.171 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

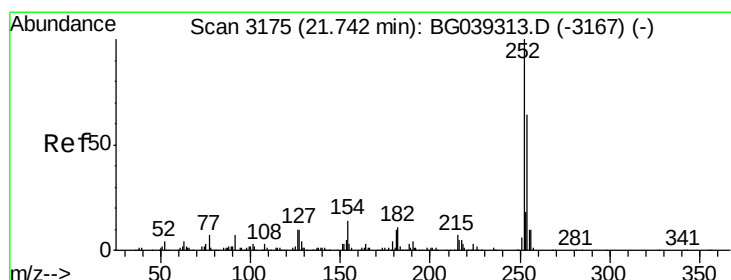
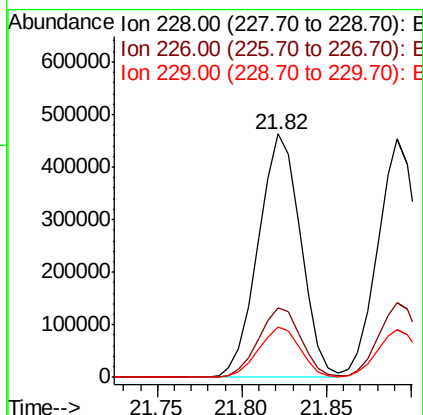
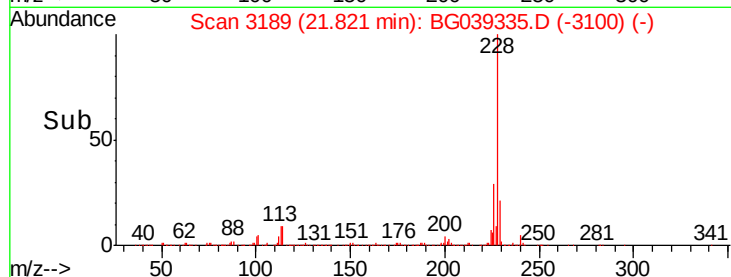
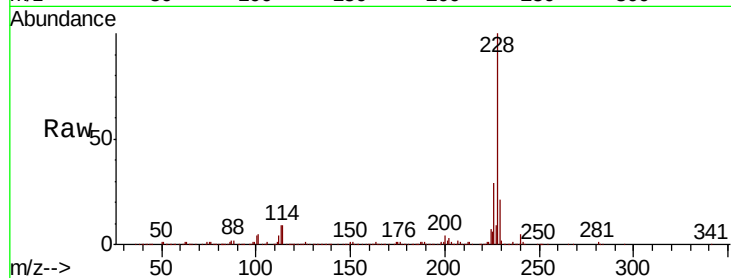
Tgt Ion:228 Resp: 803471

Ion Ratio Lower Upper

228 100

226 28.6 23.0 34.6

229 20.8 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 22.542 ng

RT: 21.73 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

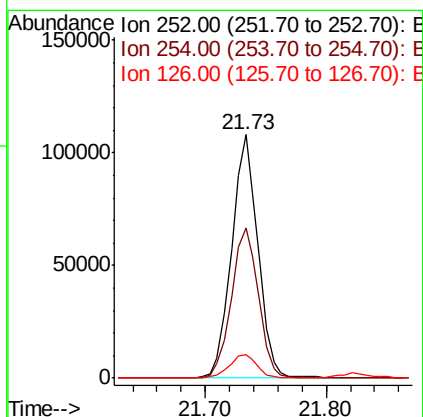
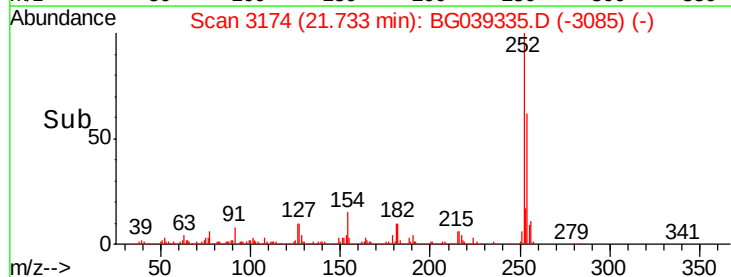
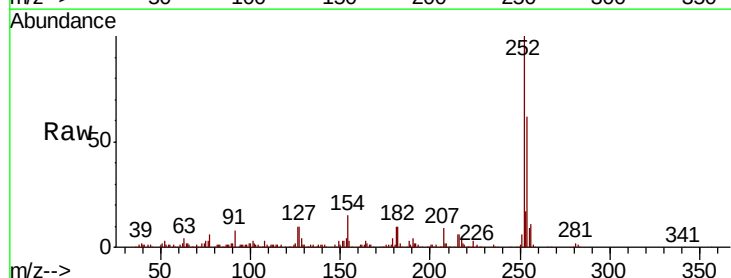
Tgt Ion:252 Resp: 163116

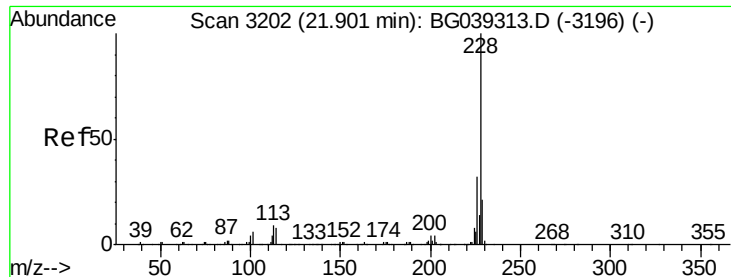
Ion Ratio Lower Upper

252 100

254 61.8 51.3 76.9

126 9.7 8.0 12.0





#83

Chrysene

Concen: 40.492 ng

RT: 21.89 min Scan# 3201

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

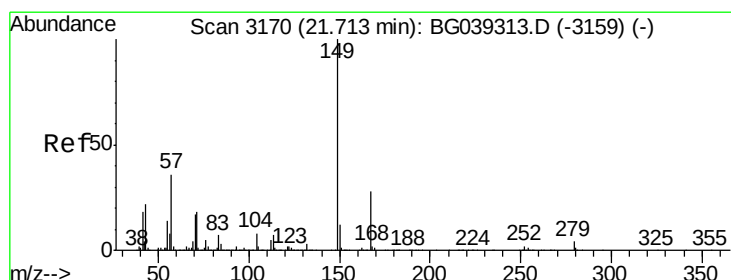
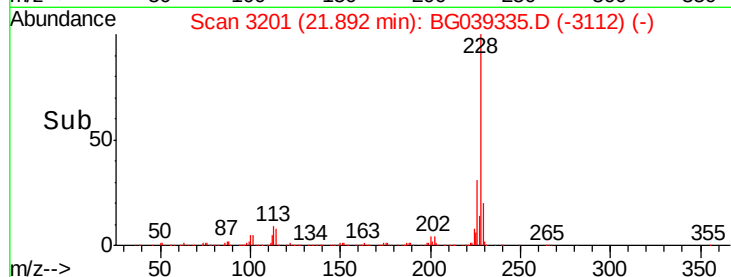
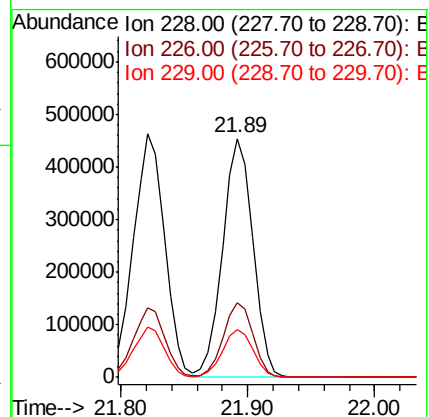
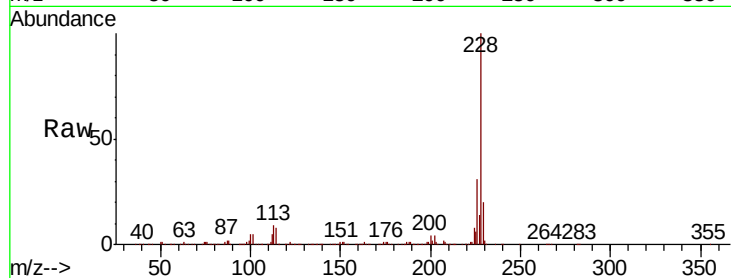
Tgt Ion:228 Resp: 752247

Ion Ratio Lower Upper

228 100

226 31.4 25.8 38.6

229 20.0 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.573 ng

RT: 21.70 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

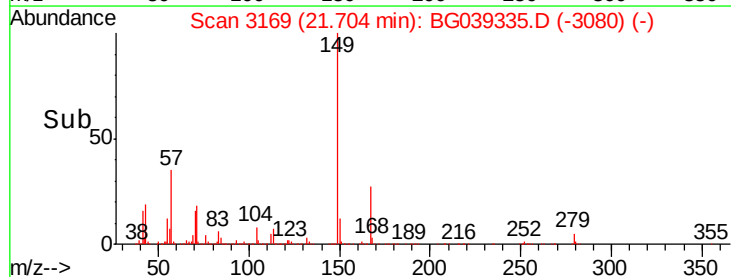
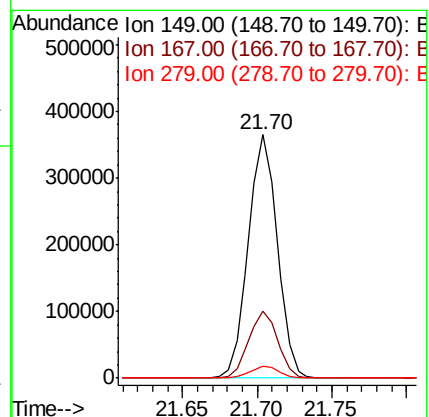
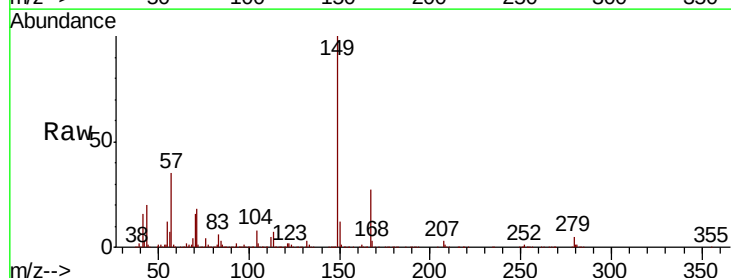
Tgt Ion:149 Resp: 489653

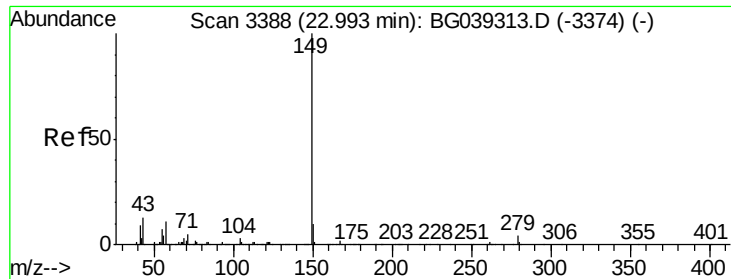
Ion Ratio Lower Upper

149 100

167 27.4 22.6 34.0

279 4.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 40.500 ng

RT: 22.98 min Scan# 3386

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

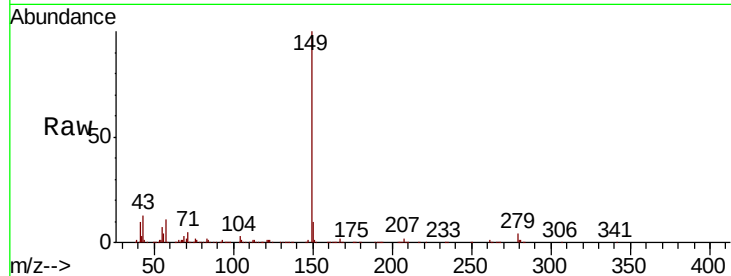
Tgt Ion:149 Resp: 827908

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

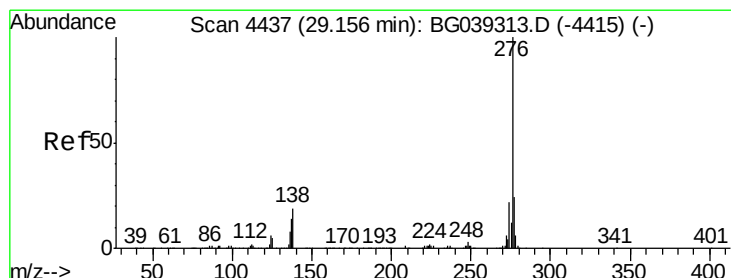
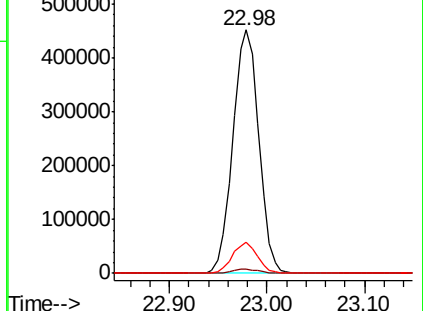
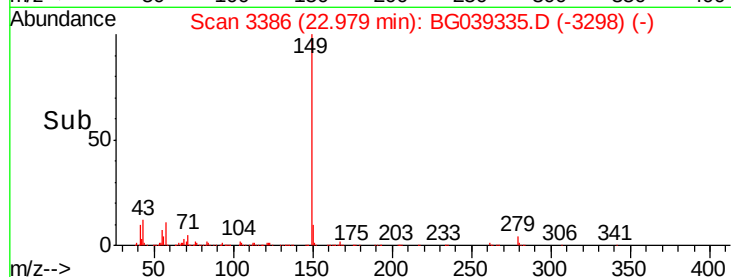
43 12.2 10.2 15.4



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: 45.192 ng

RT: 29.14 min Scan# 4434

Delta R.T. -0.02 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

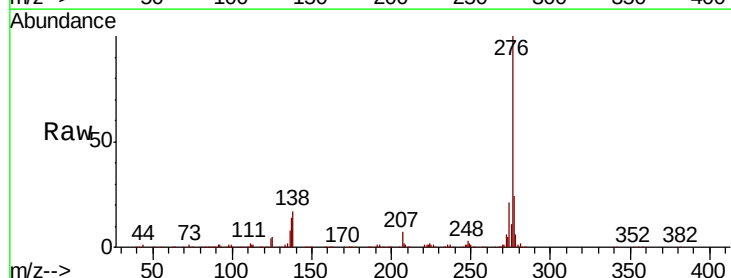
Tgt Ion:276 Resp: 900779

Ion Ratio Lower Upper

276 100

138 13.4 12.6 19.0

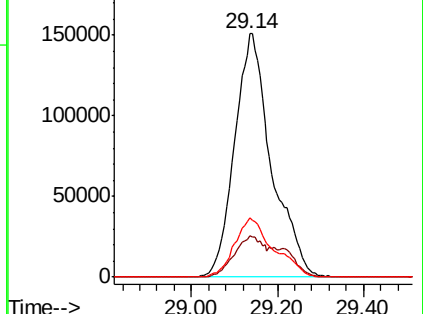
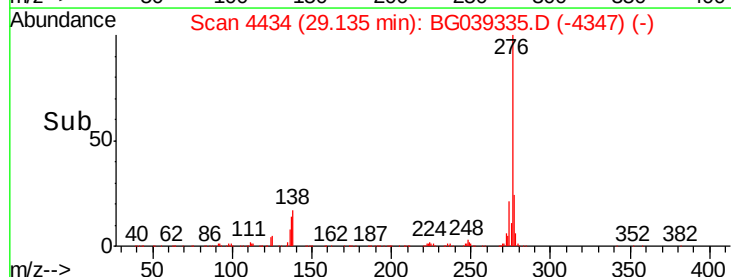
277 25.6 20.8 31.2

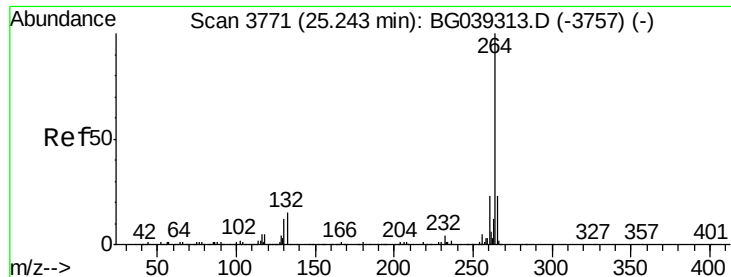


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



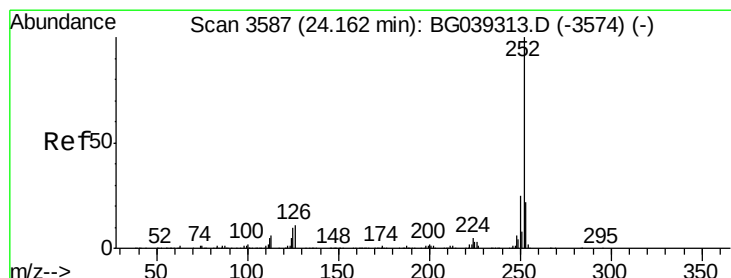
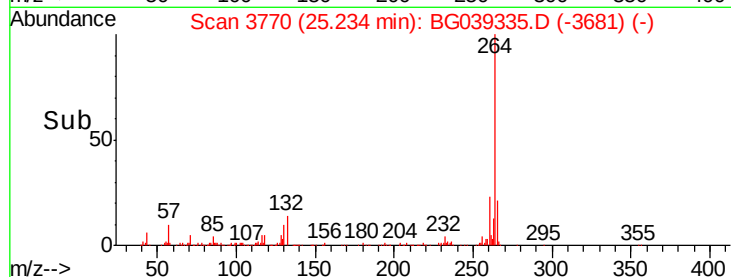
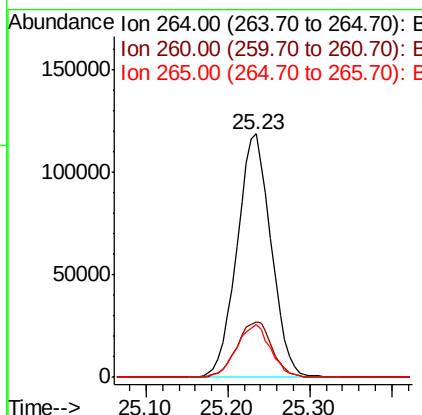
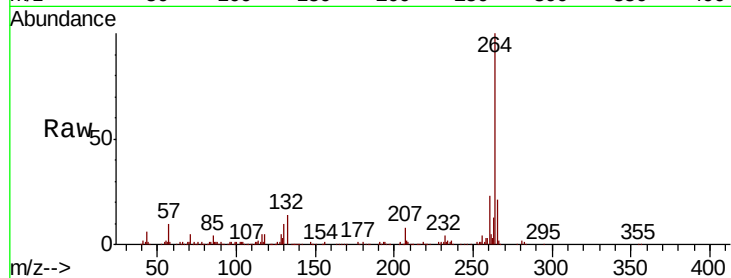


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.23 min Scan# 3770
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Instrument :
BNA_G
ClientSampleId :
PB116724BS

Tgt Ion: 264 Resp: 343477

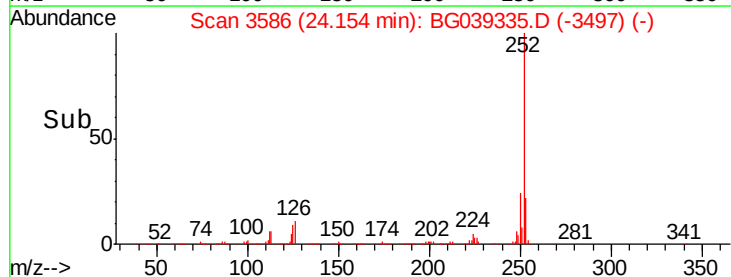
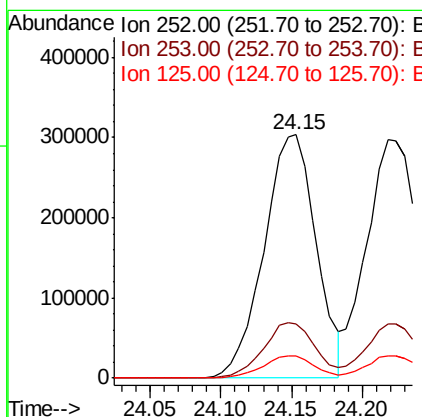
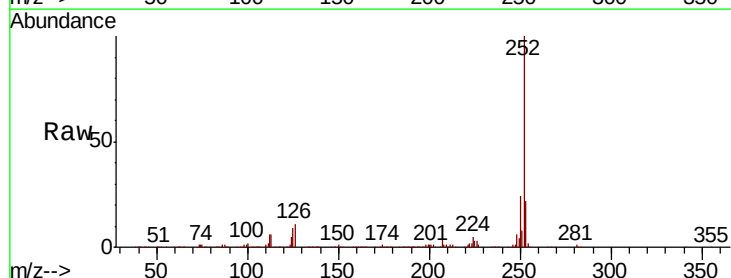
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.5	18.5	27.7

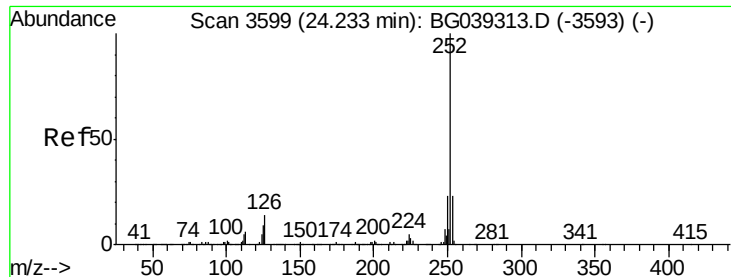


#88
Benzo(b)fluoranthene
Concen: 41.793 ng
RT: 24.15 min Scan# 3586
Delta R.T. -0.01 min
Lab File: BG039335.D
Acq: 30 Jan 2019 19:51

Tgt Ion: 252 Resp: 782853

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	9.0	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 40.463 ng

RT: 24.22 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

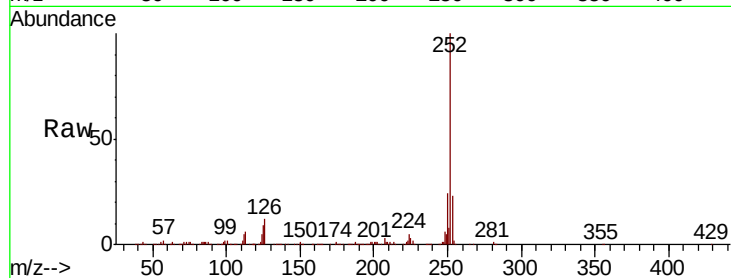
Tgt Ion:252 Resp: 760965

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

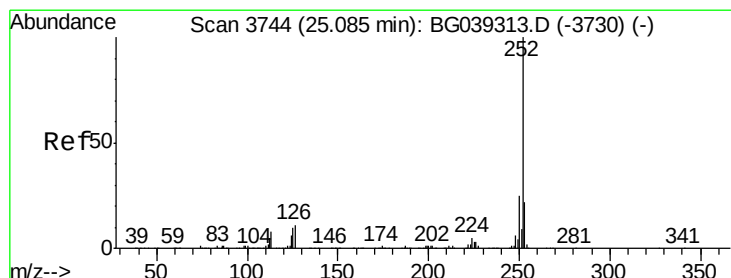
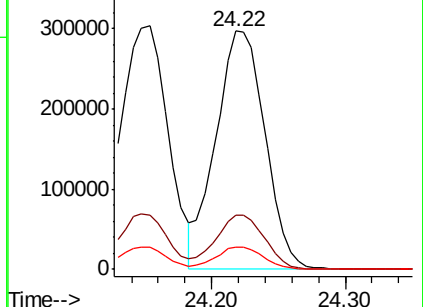
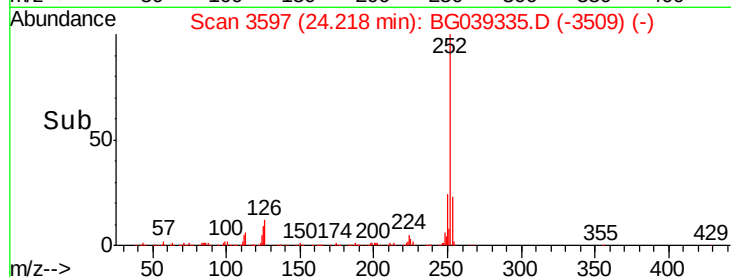
125 9.4 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.676 ng

RT: 25.07 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

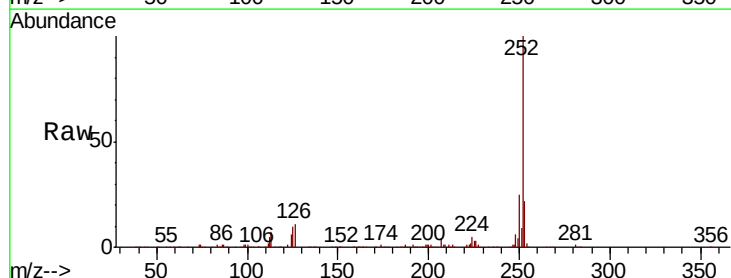
Tgt Ion:252 Resp: 769876

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

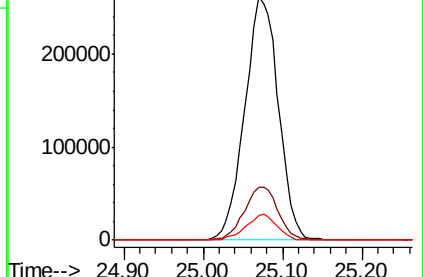
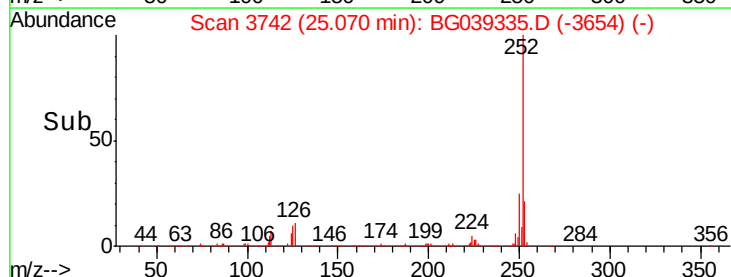
125 10.0 8.3 12.5

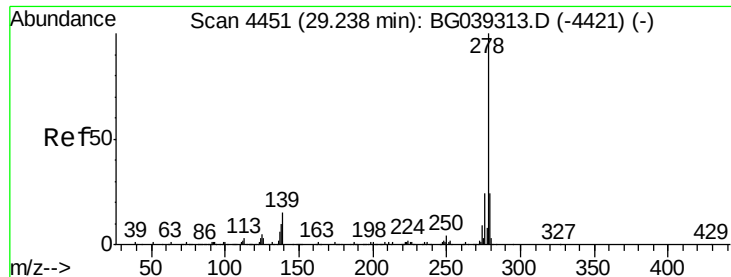


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.891 ng

RT: 29.22 min Scan# 4448

Delta R.T. -0.02 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

Instrument :

BNA_G

ClientSampleId :

PB116724BS

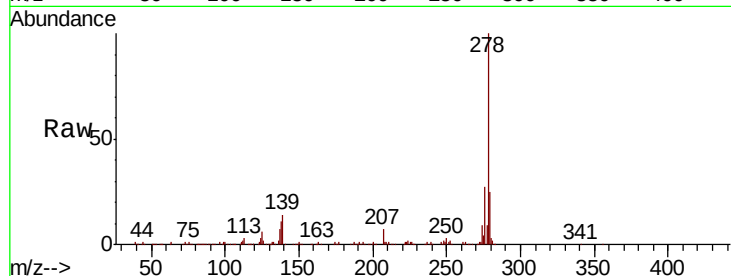
Tgt Ion:278 Resp: 724625

Ion Ratio Lower Upper

278 100

139 13.7 11.7 17.5

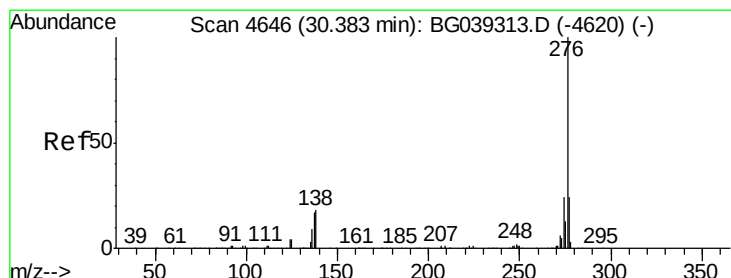
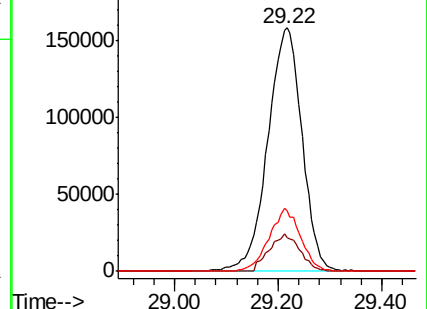
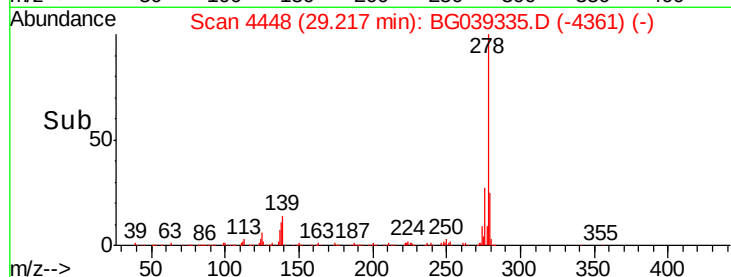
279 25.0 19.1 28.7



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: 44.058 ng

RT: 30.37 min Scan# 4644

Delta R.T. -0.01 min

Lab File: BG039335.D

Acq: 30 Jan 2019 19:51

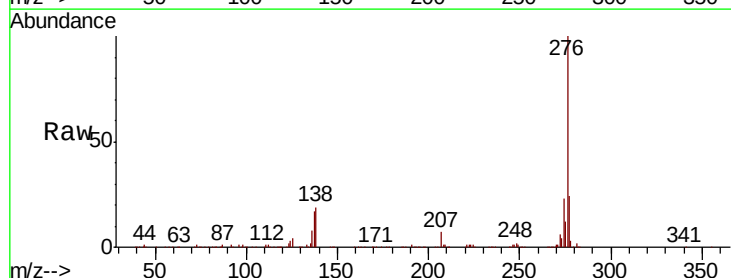
Tgt Ion:276 Resp: 741899

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 19.0 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

