

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039666.D
 Acq On : 28 Feb 2019 18:58
 Operator : JU/SJ
 Sample : K1628-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 01 06:04:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59704	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	288757	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	214915	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	480152	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	377083	20.00	ng	-0.02
87) Perylene-d12	25.20	264	398487	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	550693	157.86	ng	0.00
7) Phenol-d6	7.32	99	847579	165.07	ng	0.00
23) Nitrobenzene-d5	9.34	82	506684	109.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	356182	153.91	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1285557	85.81	ng	-0.02
79) Terphenyl-d14	20.12	244	1506405	84.56	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.60	88	50471	33.076	ng	98
3) Pyridine	4.00	79	152495	37.746	ng	94
4) n-Nitrosodimethylamine	3.92	42	86037	42.583	ng	84
6) Aniline	7.49	93	305455	47.492	ng	98
8) 2-Chlorophenol	7.73	128	199306	52.268	ng	96
9) Benzaldehyde	7.30	77	88824	32.909	ng	97
10) Phenol	7.35	94	319768	59.740	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	196682	46.502	ng	97
12) 1,3-Dichlorobenzene	8.05	146	201120	43.539	ng	99
13) 1,4-Dichlorobenzene	8.20	146	206651	44.884	ng	97
14) 1,2-Dichlorobenzene	8.52	146	198309	44.492	ng	99
15) Benzyl Alcohol	8.40	79	206296	51.174	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	377985	39.574	ng	98
17) 2-Methylphenol	8.60	107	186803	53.929	ng	96
18) Hexachloroethane	9.25	117	72738	45.920	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	170529	46.791	ng	91
20) 3+4-Methylphenols	8.93	107	265341	55.628	ng	98
22) Acetophenone	9.00	105	322777	41.614	ng	# 94
24) Nitrobenzene	9.39	77	249610	49.987	ng	96
25) Isophorone	9.90	82	499511	48.767	ng	99
26) 2-Nitrophenol	10.10	139	124180	59.049	ng	96
27) 2,4-Dimethylphenol	10.14	122	208534	50.328	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	299877	47.532	ng	98
29) 2,4-Dichlorophenol	10.63	162	241829	53.401	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	235104	46.242	ng	98
31) Naphthalene	11.04	128	673749	47.033	ng	98
32) Benzoic acid	10.14	122	208534	71.434	ng	# 15
33) 4-Chloroaniline	11.15	127	281139	42.327	ng	97
34) Hexachlorobutadiene	11.30	225	149131	44.107	ng	94
35) Caprolactam	11.95	113	87921	46.918	ng	89
36) 4-Chloro-3-methylphenol	12.25	107	273051	52.137	ng	98
37) 2-Methylnaphthalene	12.63	142	540343	50.928	ng	98
38) 1-Methylnaphthalene	12.85	142	514824	50.338	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	298881	43.709	ng	99

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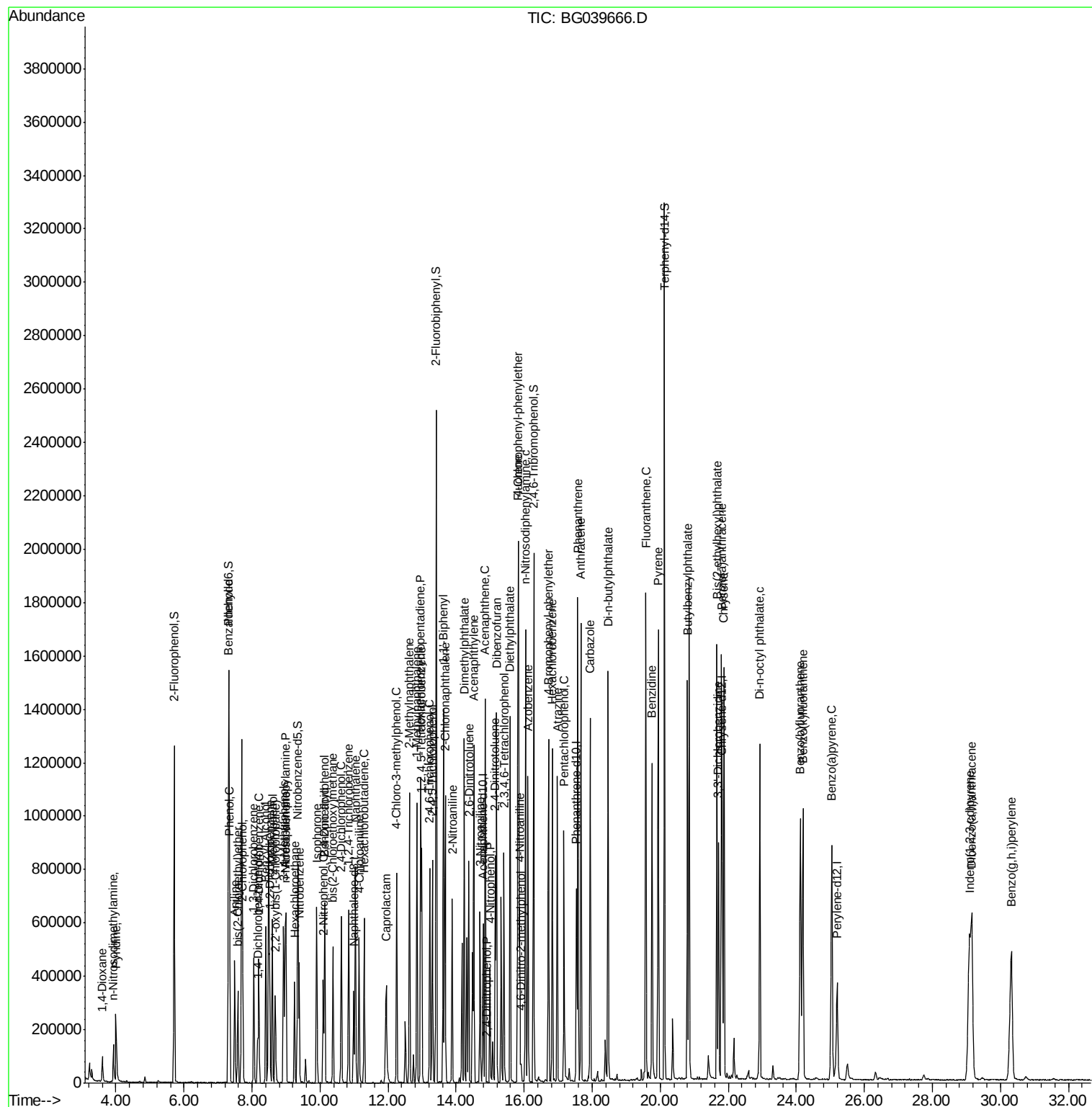
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	353546	94.883	nq	98
43) 2,4,6-Trichlorophenol	13.23	196	198523	47.219	nq	95
44) 2,4,5-Trichlorophenol	13.30	196	228962	51.960	nq	97
46) 1,1'-Biphenyl	13.63	154	727582	40.689	nq	98
47) 2-Chloronaphthalene	13.68	162	571284	42.469	nq	98
48) 2-Nitroaniline	13.88	65	205749	52.338	nq	94
49) Acenaphthylene	14.52	152	923834	45.514	nq	98
50) Dimethylphthalate	14.24	163	852042	49.088	nq	99
51) 2,6-Dinitrotoluene	14.37	165	179922	54.443	nq	96
52) Acenaphthene	14.85	154	566046	42.962	nq	98
53) 3-Nitroaniline	14.71	138	160834	46.196	nq	# 92
54) 2,4-Dinitrophenol	14.91	184	1385	3.356	nq	# 74
55) Dibenzofuran	15.19	168	932470	44.141	nq	97
56) 4-Nitrophenol	14.99	139	116631	40.265	nq	90
57) 2,4-Dinitrotoluene	15.15	165	250970	58.375	nq	85
58) Fluorene	15.83	166	730945	46.416	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	188619	45.716	nq	96
60) Diethylphthalate	15.59	149	800021	44.579	nq	97
61) 4-Chlorophenyl-phenylether	15.82	204	407889	45.743	nq	95
62) 4-Nitroaniline	15.87	138	172149	47.358	nq	94
63) Azobenzene	16.11	77	704769	40.179	nq	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	23847	18.447	nq	97
66) n-Nitrosodiphenylamine	16.04	169	676039	46.305	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	265842	49.907	nq	94
68) Hexachlorobenzene	16.83	284	264858	49.559	nq	95
69) Atrazine	16.97	200	233221	43.712	nq	98
70) Pentachlorophenol	17.17	266	179031	48.199	nq	99
71) Phenanthrene	17.58	178	1124294	45.241	nq	97
72) Anthracene	17.67	178	1136564	46.431	nq	97
73) Carbazole	17.94	167	922172	37.749	nq	99
74) Di-n-butylphthalate	18.47	149	1117924	39.225	nq	99
75) Fluoranthene	19.58	202	1121919	38.895	nq	100
77) Benzidine	19.76	184	668444	54.069	nq	97
78) Pyrene	19.94	202	1102313	46.958	nq	99
80) Butylbenzylphthalate	20.80	149	463724	46.829	nq	95
81) Benzo(a)anthracene	21.80	228	1057216	47.448	nq	98
82) 3,3'-Dichlorobenzidine	21.71	252	315593	38.199	nq	99
83) Chrysene	21.87	228	989636	46.657	nq	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	657067	46.511	nq	100
85) Di-n-octyl phthalate	22.93	149	1120611	48.014	nq	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1237841	54.393	nq	# 97
88) Benzo(b)fluoranthene	24.12	252	1057107	48.643	nq	99
89) Benzo(k)fluoranthene	24.19	252	1045961	47.940	nq	99
90) Benzo(a)pyrene	25.04	252	1041013	49.740	nq	99
91) Dibenzo(a,h)anthracene	29.16	278	995816	50.806	nq	98
92) Benzo(g,h,i)perylene	30.32	276	1013517	51.879	nq	98

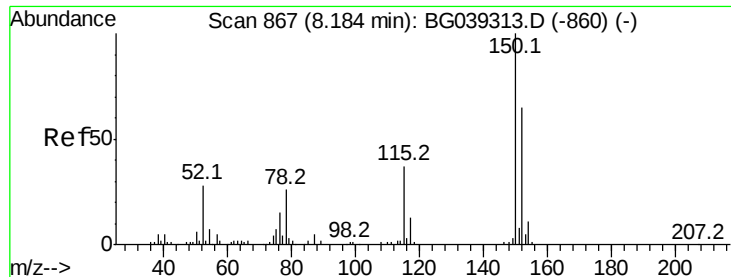
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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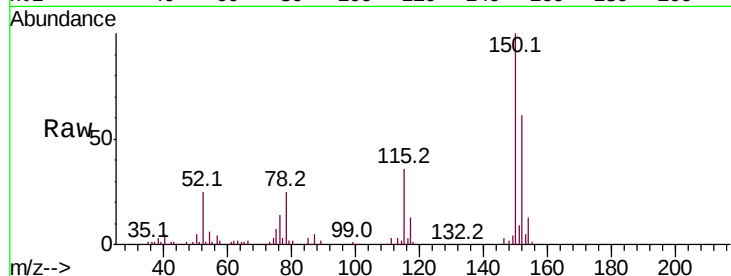


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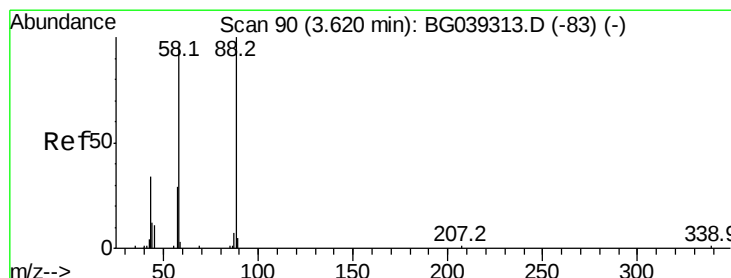
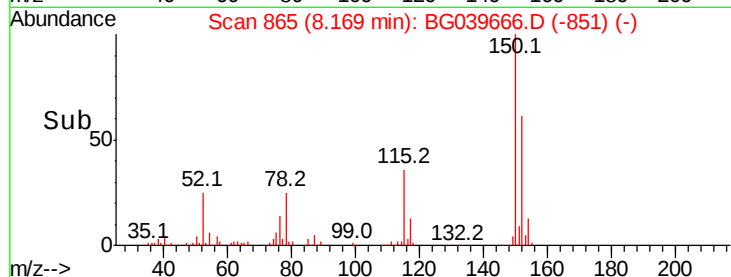
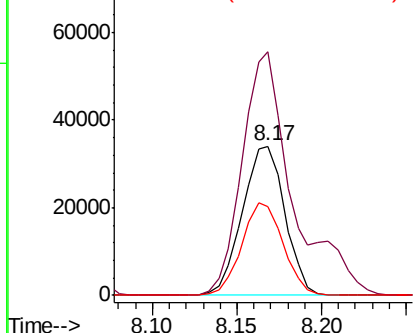
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59704
Ion Ratio Lower Upper
152 100
150 163.5 123.7 185.5
115 59.4 45.9 68.9



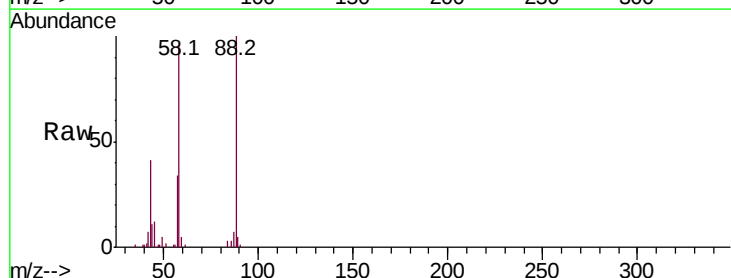
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



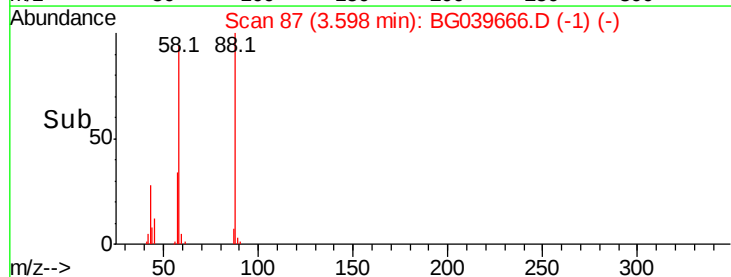
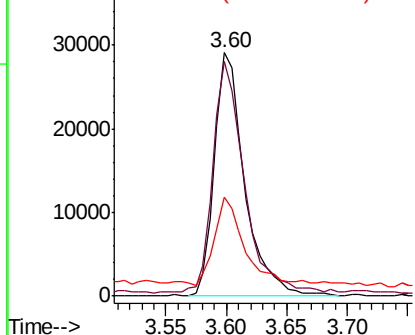
#2

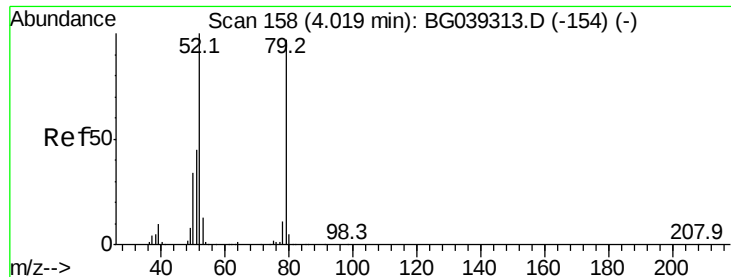
1,4-Dioxane
Concen: 33.076 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion: 88 Resp: 50471
Ion Ratio Lower Upper
88 100
58 99.4 81.1 121.7
43 37.0 31.4 47.0



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





#3

Pvridine

Concen: 37.746 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

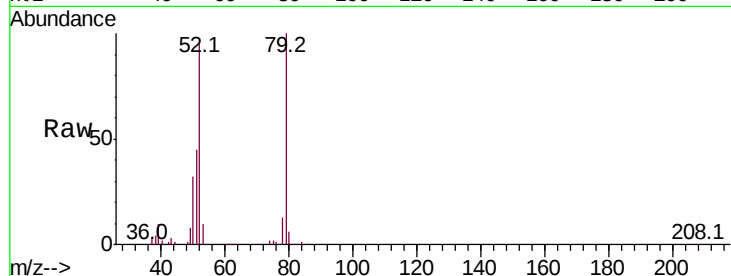
Tot Ion: 79 Resp: 152495

Ion Ratio Lower Upper

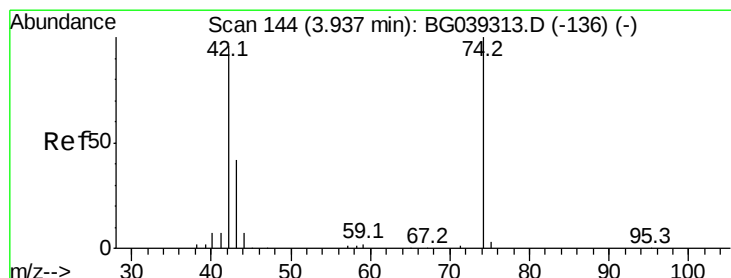
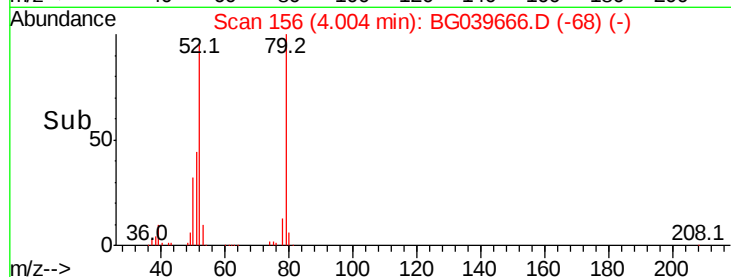
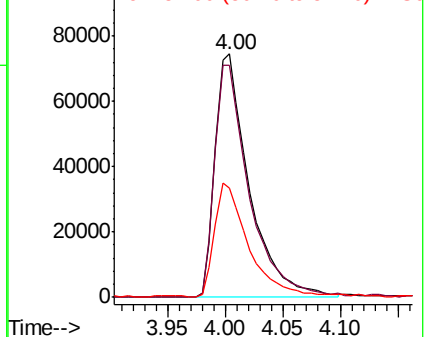
79 100

52 95.1 82.6 124.0

51 44.9 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 42.583 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

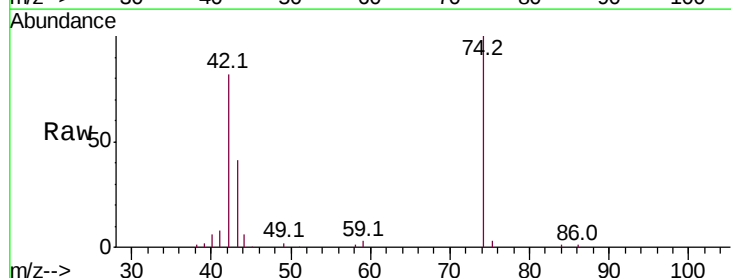
Tgt Ion: 42 Resp: 86037

Ion Ratio Lower Upper

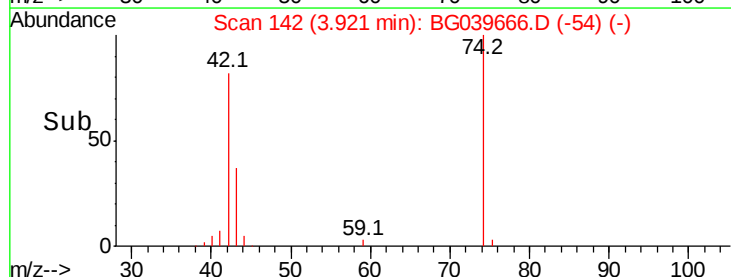
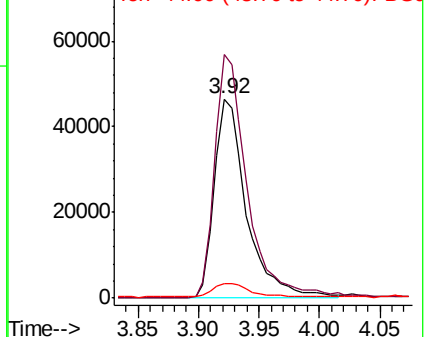
42 100

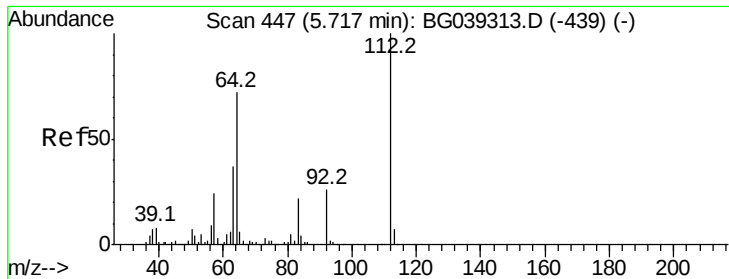
74 122.2 83.6 125.4

44 7.4 6.9 10.3



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





#5

2-Fluorophenol

Concen: 157.865 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

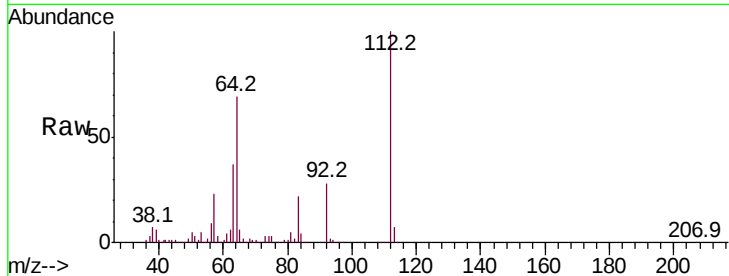
Tot Ion:112 Resp: 550693

Ion Ratio Lower Upper

112 100

64 69.1 57.8 86.8

63 36.9 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

5.71

400000

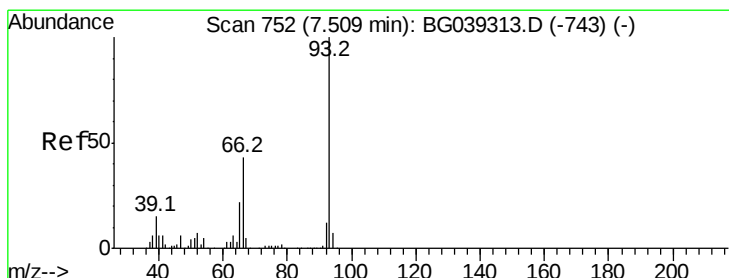
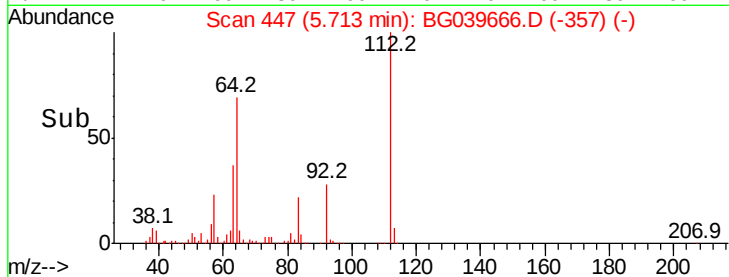
300000

200000

100000

0

Time--> 5.60 5.70 5.80 5.90



#6

Aniline

Concen: 47.492 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

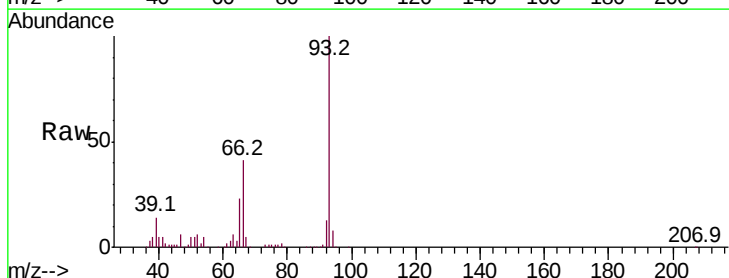
Tgt Ion: 93 Resp: 305455

Ion Ratio Lower Upper

93 100

66 41.1 34.2 51.4

65 22.6 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.49

200000

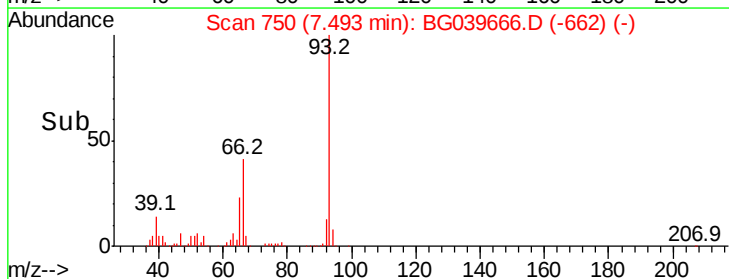
150000

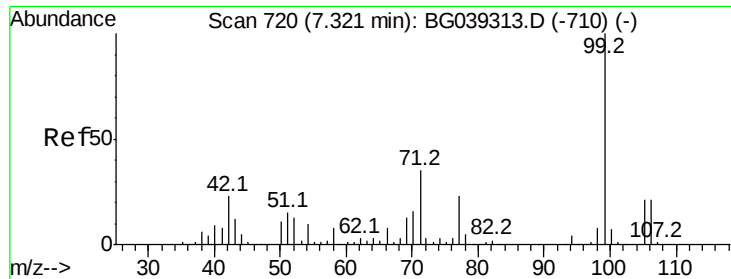
100000

50000

0

Time--> 7.40 7.45 7.50 7.55





#7

Phenol-d6

Concen: 165.065 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampled :

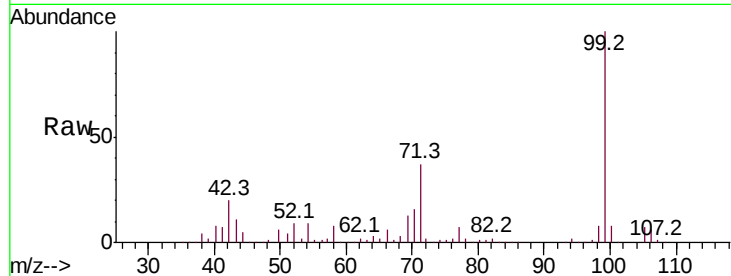
Tot Ion: 99 Resp: 847579

Ion Ratio Lower Upper

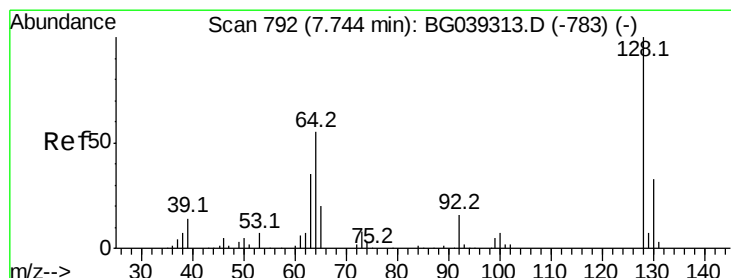
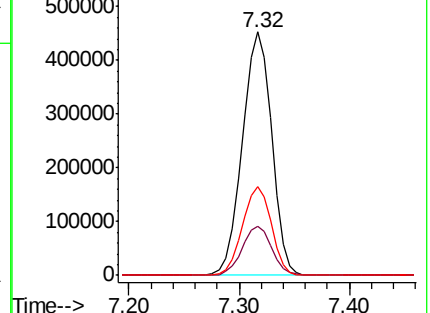
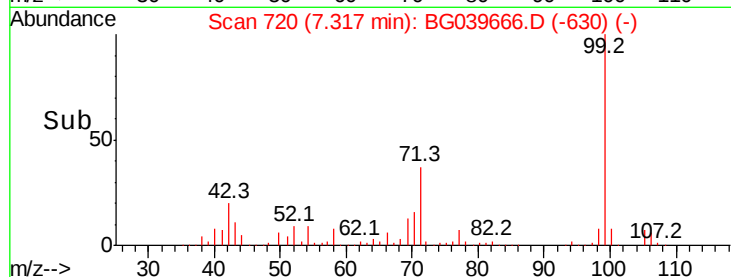
99 100

42 20.1 18.2 27.2

71 36.6 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: 52.268 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BG039666.D

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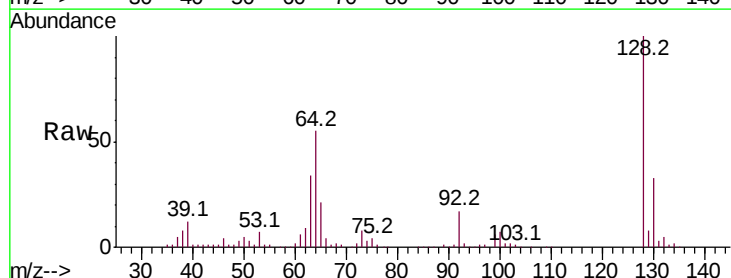
Tgt Ion: 128 Resp: 199306

Ion Ratio Lower Upper

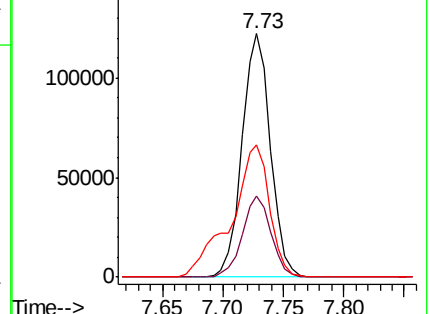
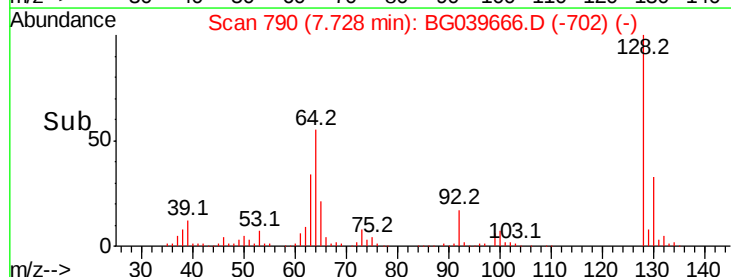
128 100

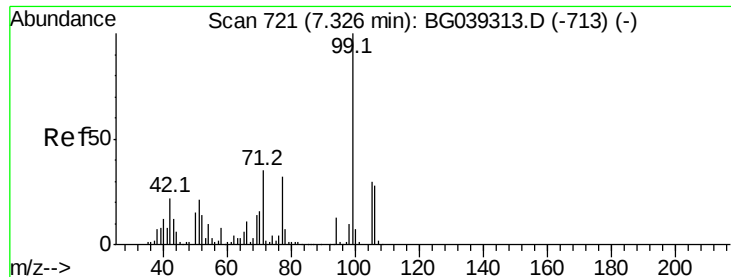
130 33.3 12.9 52.9

64 54.5 38.7 78.7



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





#9

Benzaldehyde

Concen: 32.909 ng

RT: 7.30 min Scan# 718

Delta R.T. -0.02 min

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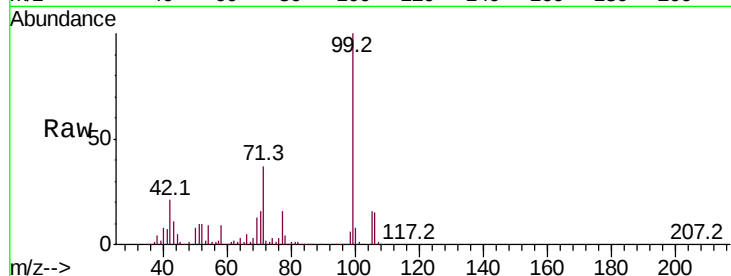
Tot Ion: 77 Resp: 88824

Ion Ratio Lower Upper

77 100

105 97.4 74.5 114.5

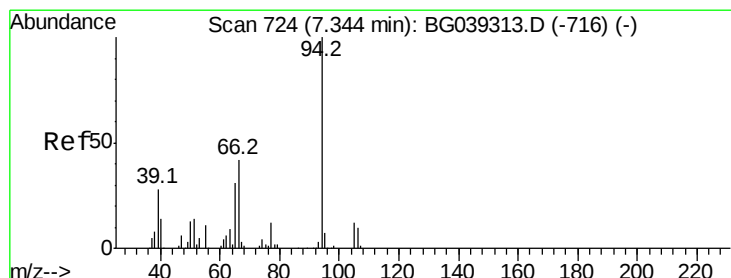
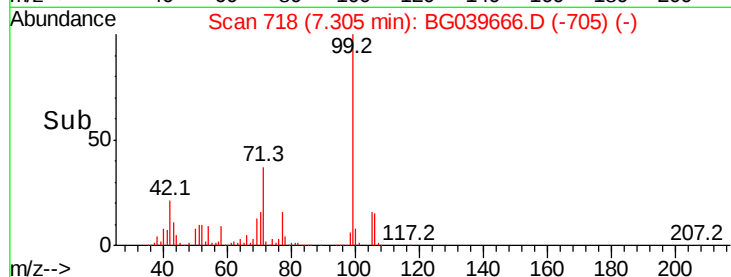
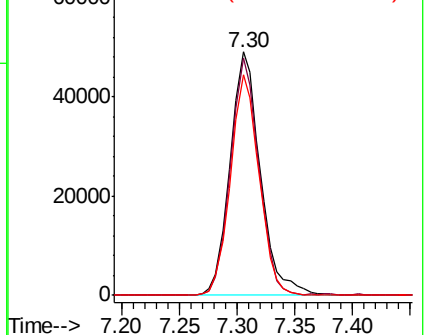
106 90.5 68.0 108.0



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: 59.740 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

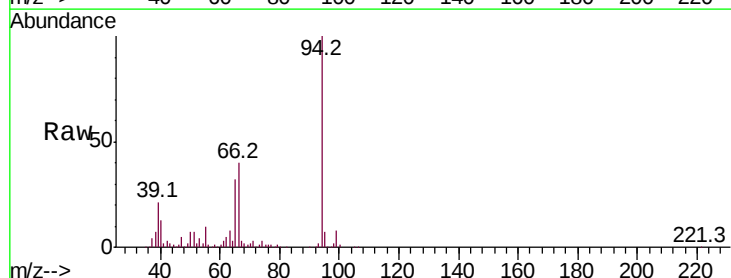
Tgt Ion: 94 Resp: 319768

Ion Ratio Lower Upper

94 100

65 31.7 11.7 51.7

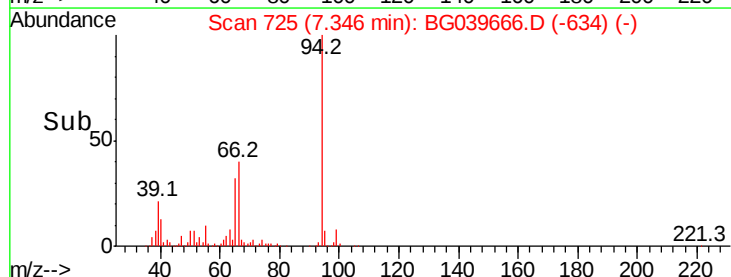
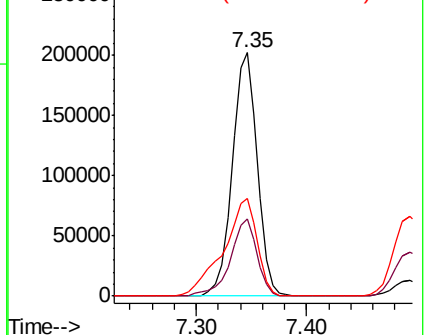
66 40.2 23.7 63.7

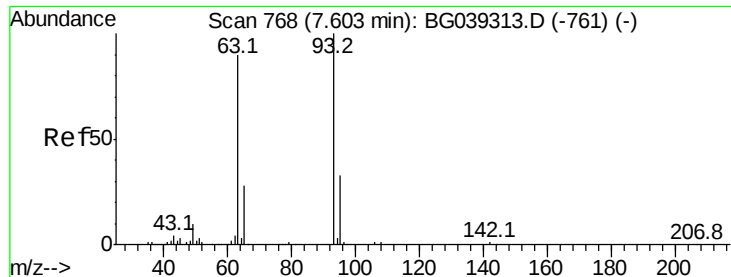


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 46.502 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

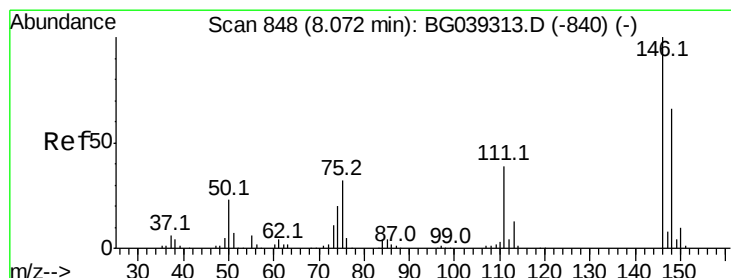
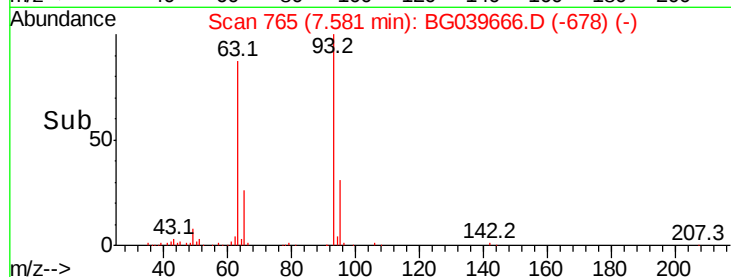
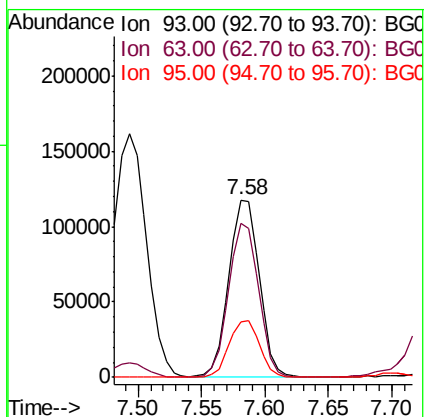
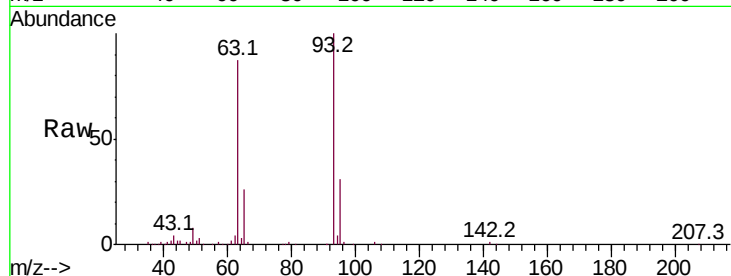
Tot Ion: 93 Resp: 196682

Ion Ratio Lower Upper

93 100

63 86.7 69.5 109.5

95 31.2 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 43.539 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

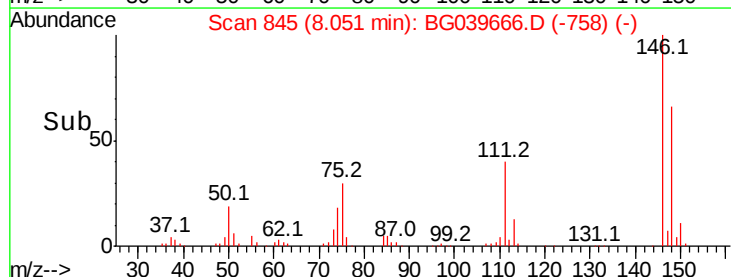
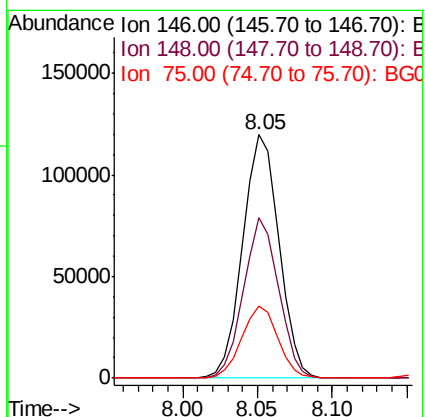
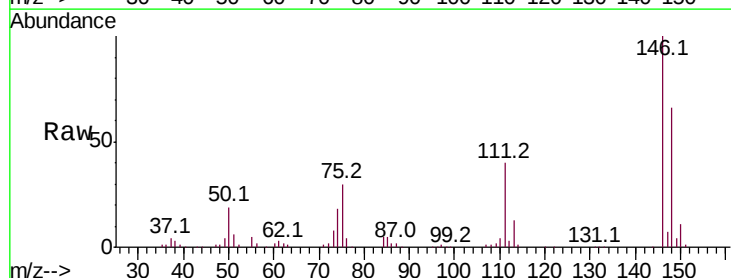
Tgt Ion: 146 Resp: 201120

Ion Ratio Lower Upper

146 100

148 65.8 52.6 79.0

75 29.8 25.8 38.6

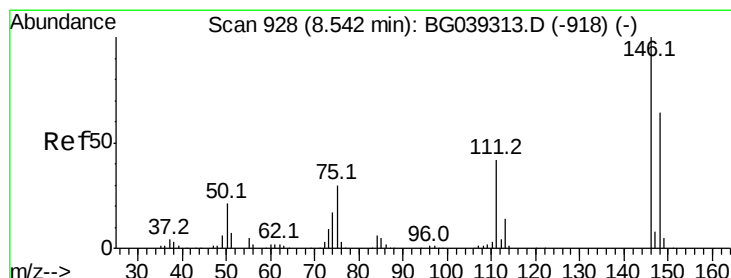
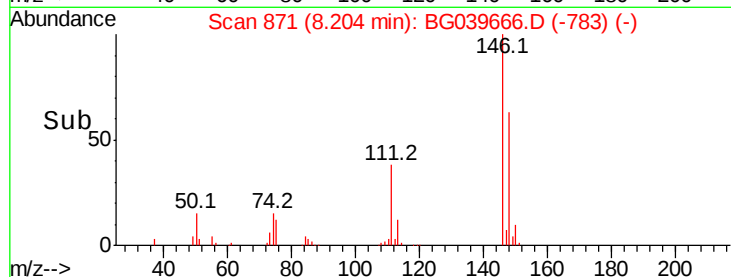
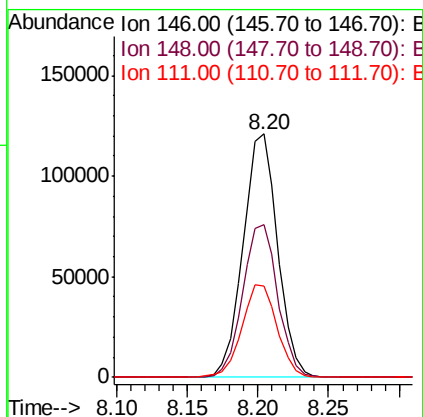
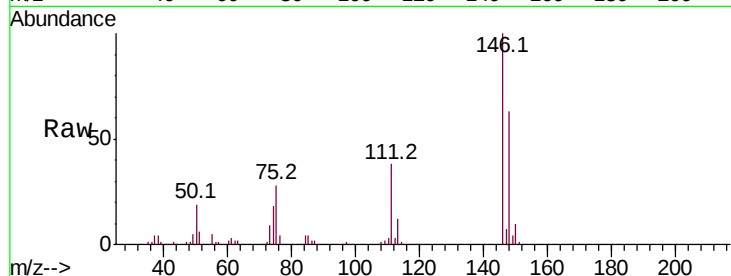




#13
1,4-Dichlorobenzene
Concen: 44.884 ng
RT: 8.20 min Scan# 871
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

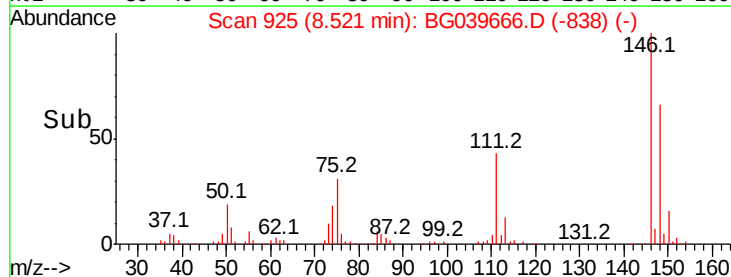
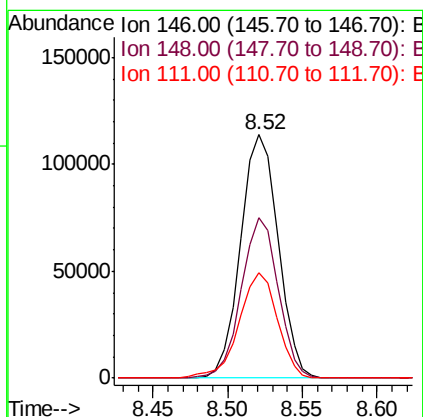
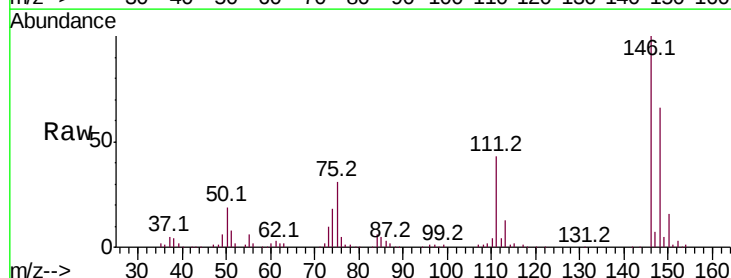
Instrument :
BNA_G
ClientSampleId :

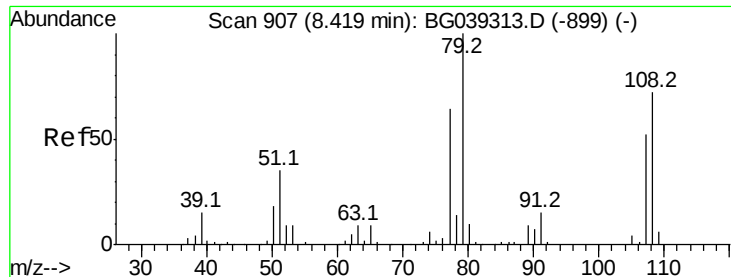
Tot Ion:146 Resp: 206651
Ion Ratio Lower Upper
146 100
148 62.9 51.1 76.7
111 37.8 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 44.492 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion:146 Resp: 198309
Ion Ratio Lower Upper
146 100
148 65.7 51.5 77.3
111 43.0 33.8 50.6





#15

Benzyl Alcohol

Concen: 51.174 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

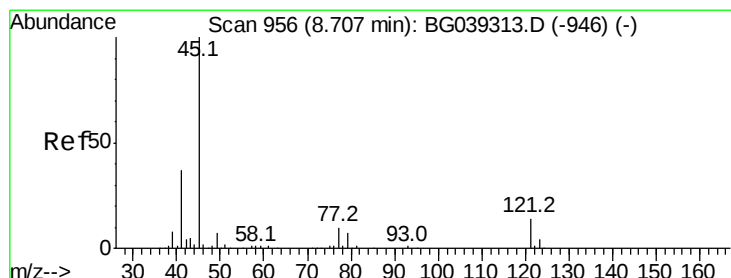
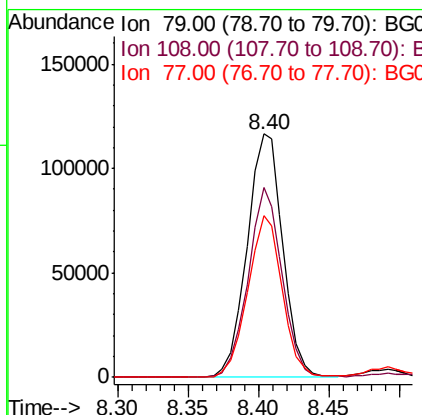
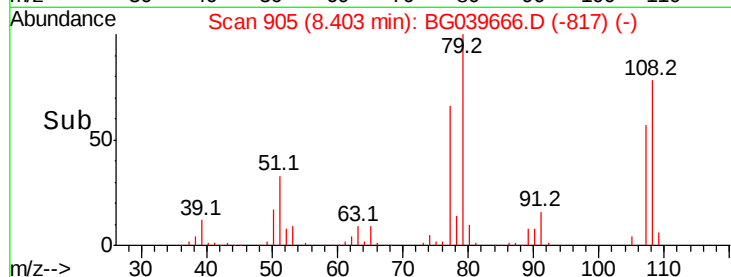
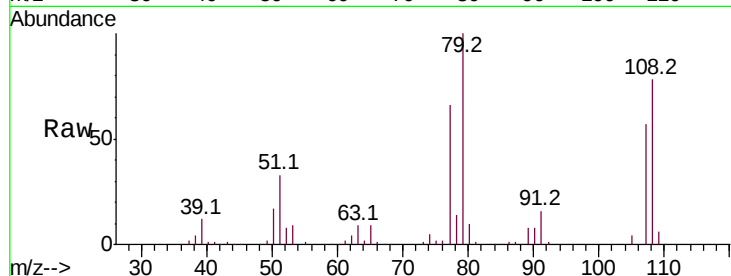
Tot Ion: 79 Resp: 206296

Ion Ratio Lower Upper

79 100

108 78.1 57.8 86.6

77 66.4 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.574 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

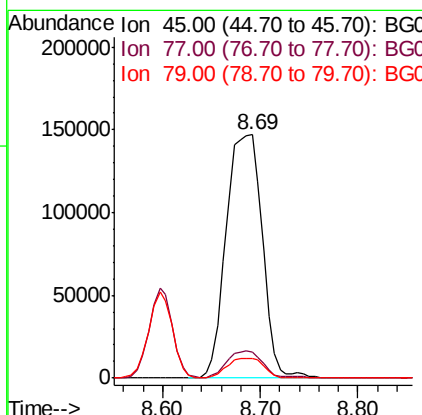
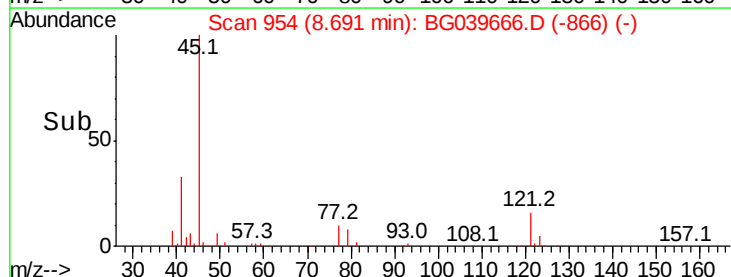
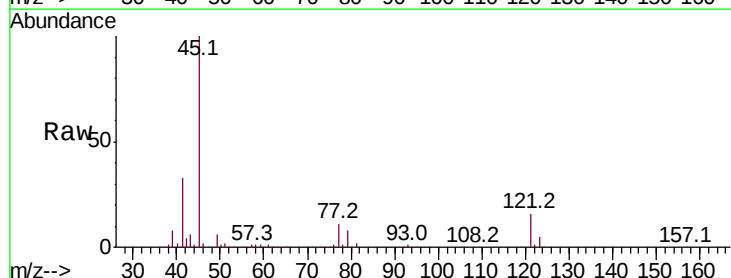
Tgt Ion: 45 Resp: 377985

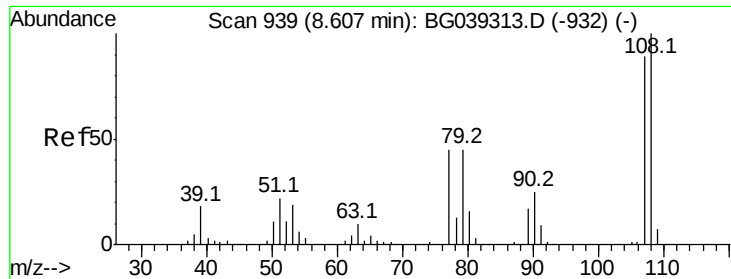
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.0

79 8.2 0.0 27.5

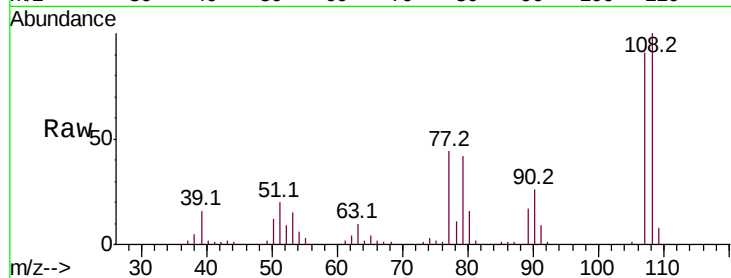




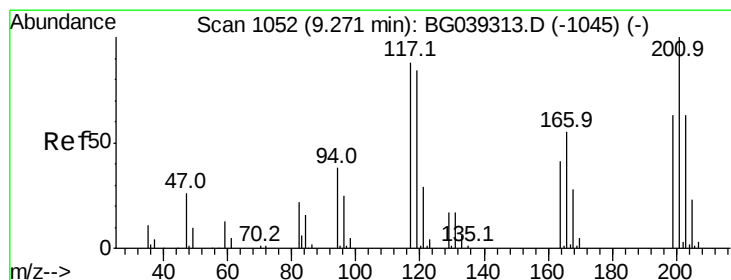
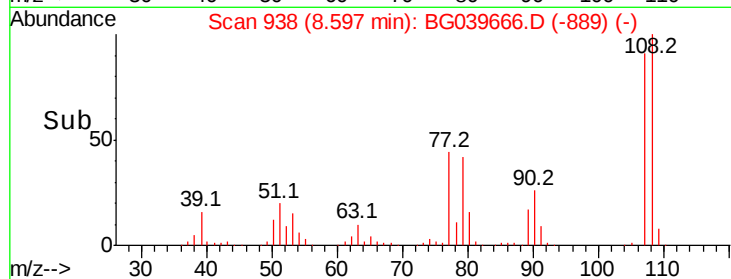
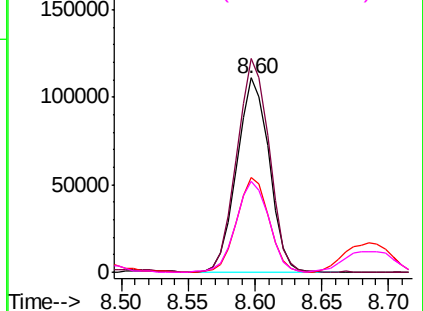
#17
2-Methylphenol
Concen: 53.929 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 186803
Ion Ratio Lower Upper
107 100
108 110.0 90.8 136.2
77 48.8 40.7 61.1
79 46.7 40.6 60.8

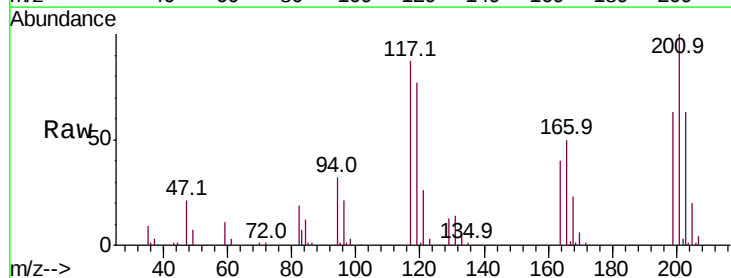


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

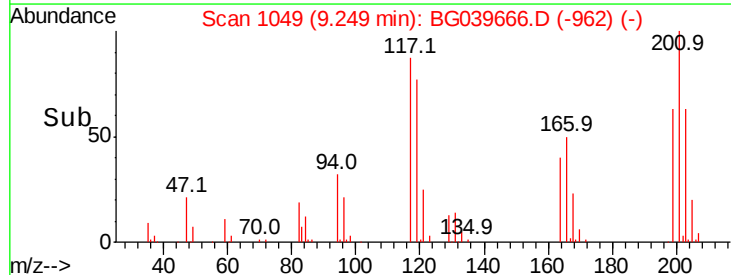
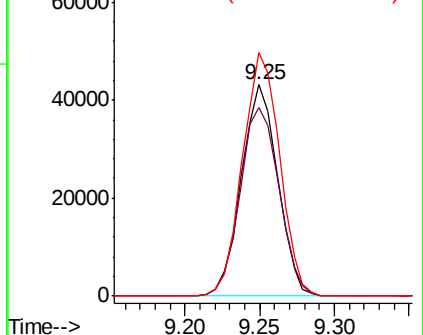


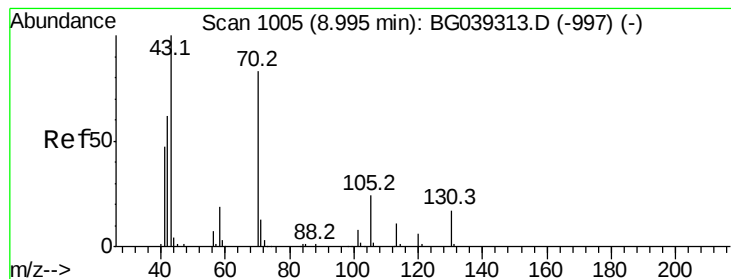
#18
Hexachloroethane
Concen: 45.920 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion:117 Resp: 72738
Ion Ratio Lower Upper
117 100
119 89.3 76.3 114.5
201 115.4 91.1 136.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 46.791 ng

RT: 8.97 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 170529

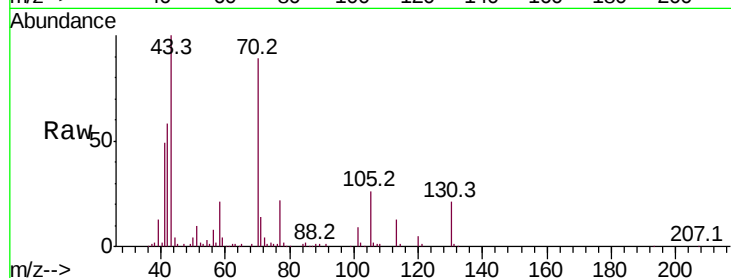
Ion Ratio Lower Upper

70 100

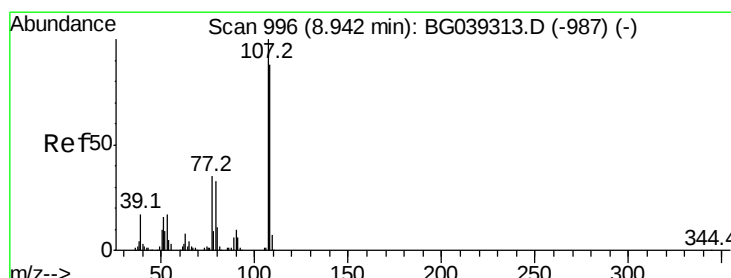
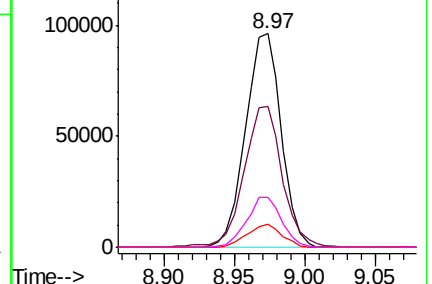
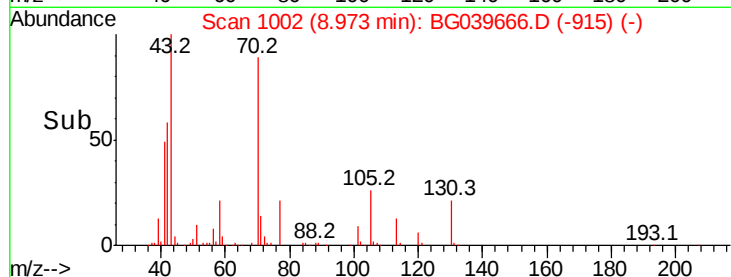
42 65.7 60.4 90.6

101 10.5 7.5 11.3

130 23.4 16.9 25.3



Abundance Ion 70.00 (69.70 to 70.70): BGC
150000
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 55.628 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Tgt Ion:107 Resp: 265341

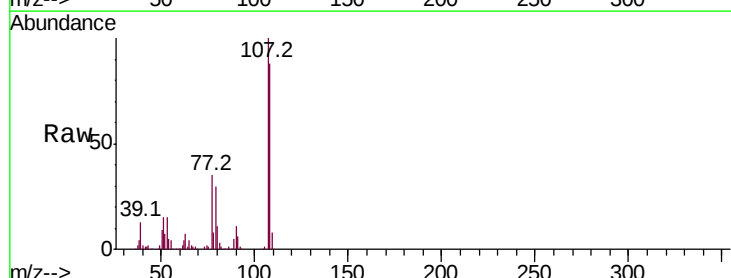
Ion Ratio Lower Upper

107 100

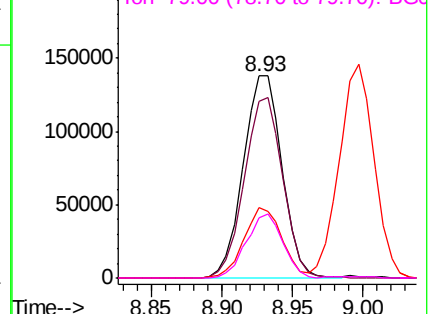
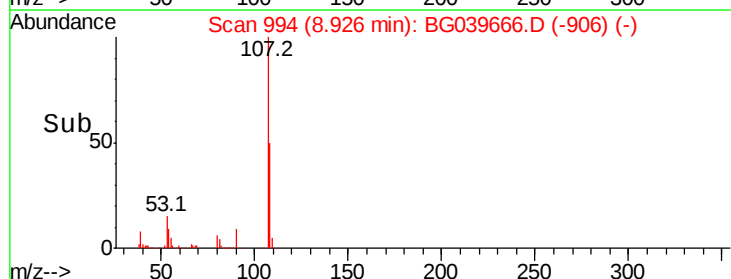
108 87.6 67.9 107.9

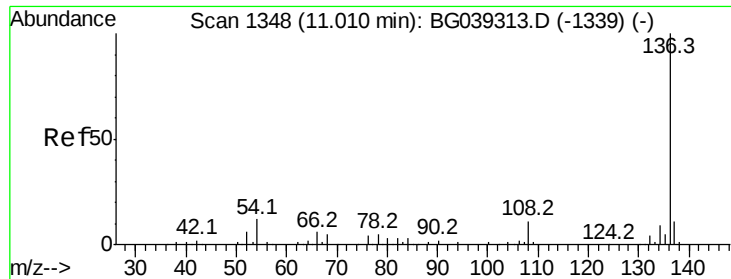
77 34.8 15.4 55.4

79 29.9 13.7 53.7



Abundance Ion 107.00 (106.70 to 107.70): BGC
200000
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

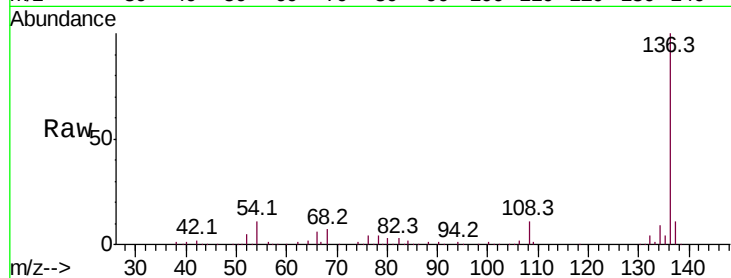




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	288757
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	10.6	9.4 14.2
68	6.5	4.2 6.4#



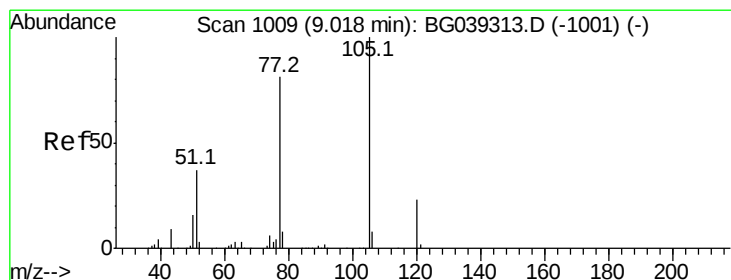
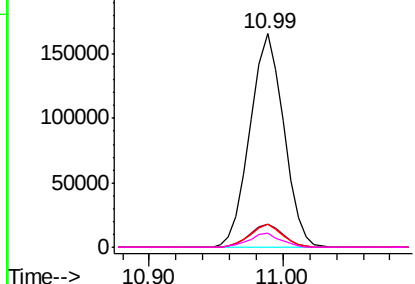
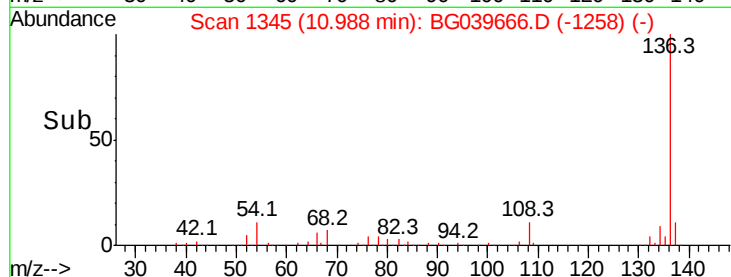
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

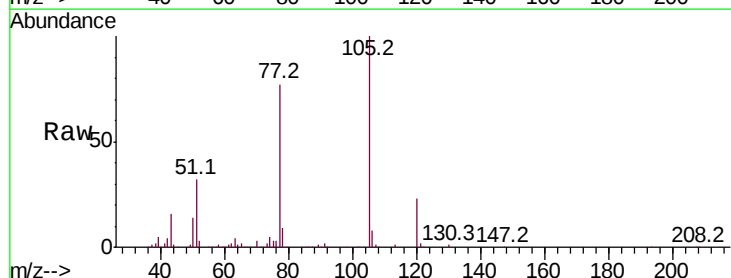
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.614 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion:105	Resp:	322777
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.8 1.2#
51	32.0	30.2 45.2
120	22.5	18.0 27.0



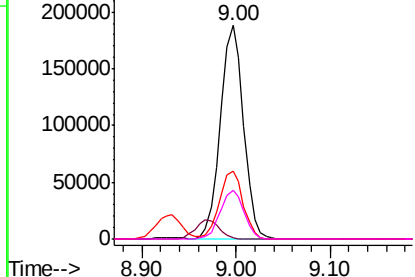
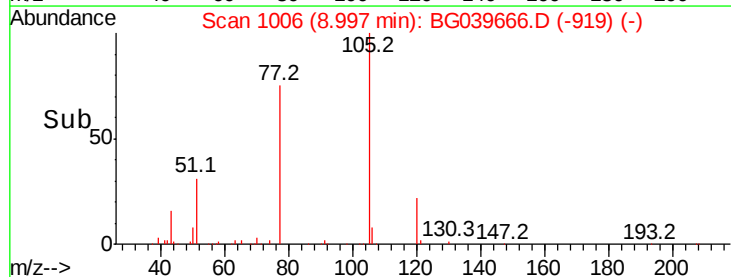
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

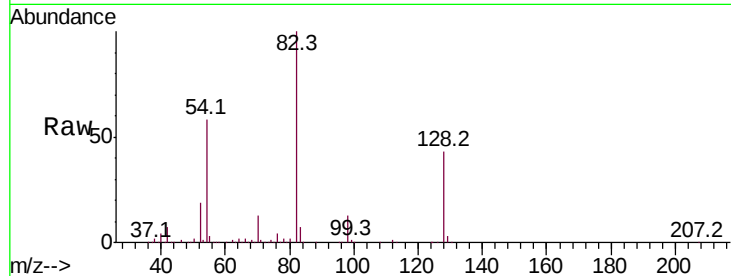




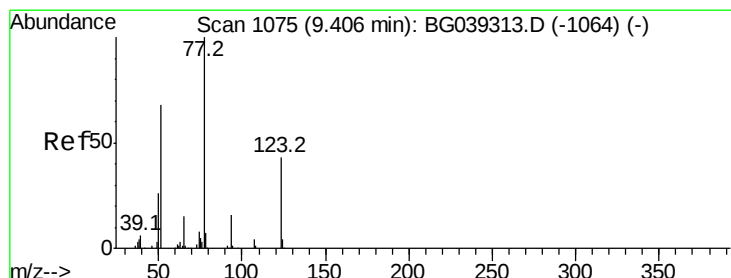
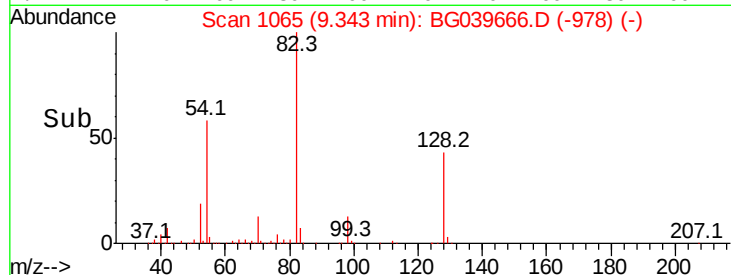
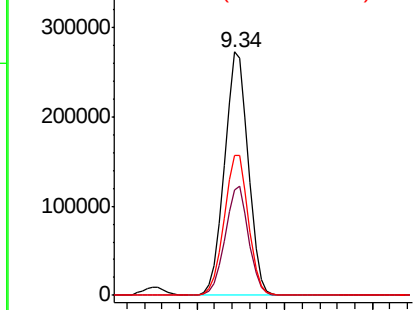
#23
 Nitrobenzene-d5
 Concen: 109.619 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 506684
 Ion Ratio Lower Upper
 82 100
 128 43.2 31.3 46.9
 54 57.6 50.9 76.3

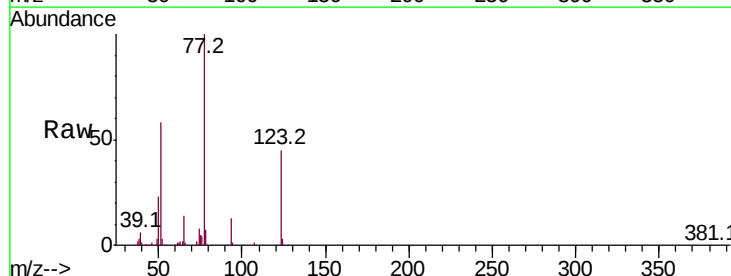


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

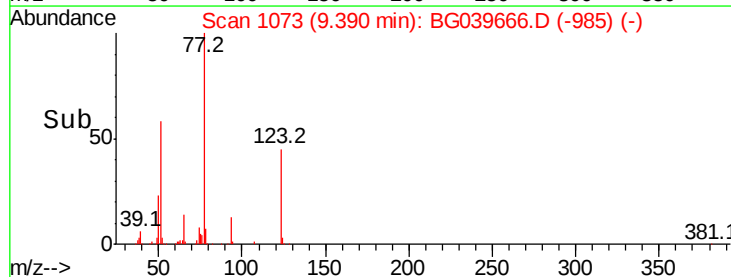
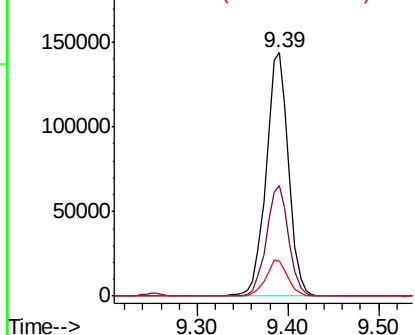


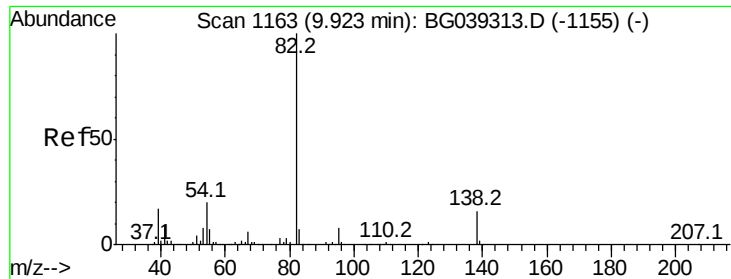
#24
 Nitrobenzene
 Concen: 49.987 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

Tgt Ion: 77 Resp: 249610
 Ion Ratio Lower Upper
 77 100
 123 45.3 34.1 51.1
 65 14.1 12.3 18.5



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





#25

Isophorone

Concen: 48.767 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

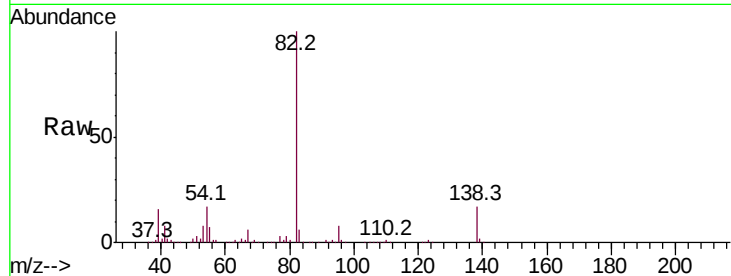
Tot Ion: 82 Resp: 499511

Ion Ratio Lower Upper

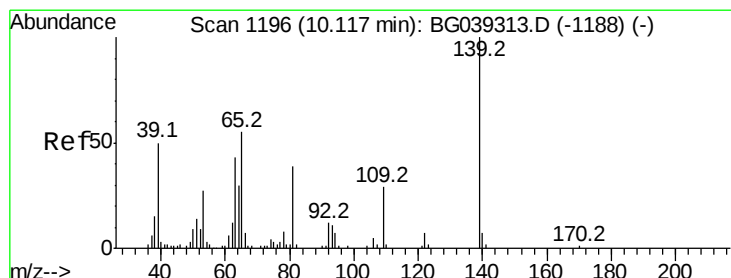
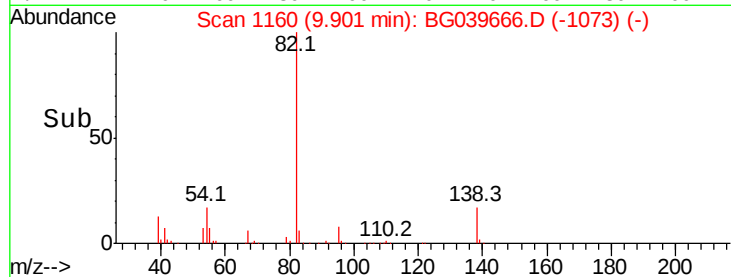
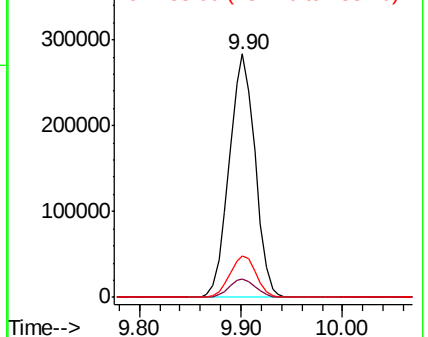
82 100

95 7.6 6.2 9.2

138 17.0 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: 59.049 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

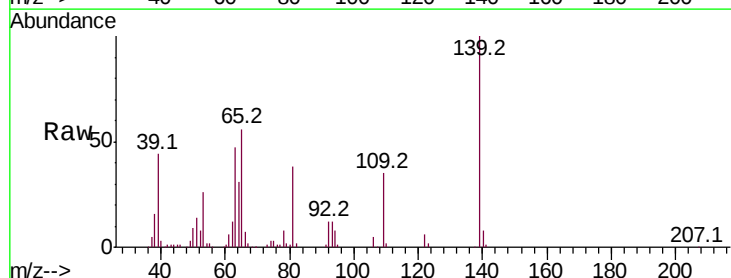
Tgt Ion: 139 Resp: 124180

Ion Ratio Lower Upper

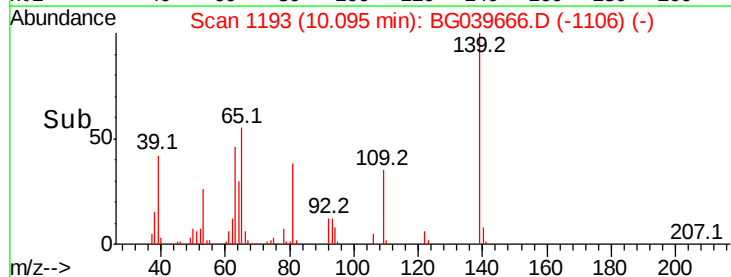
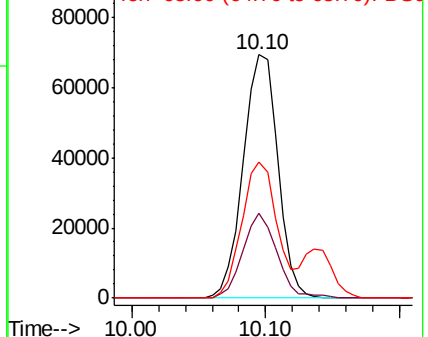
139 100

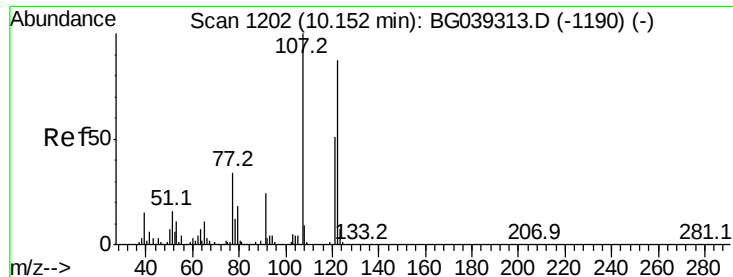
109 34.8 23.4 35.0

65 55.7 44.3 66.5



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

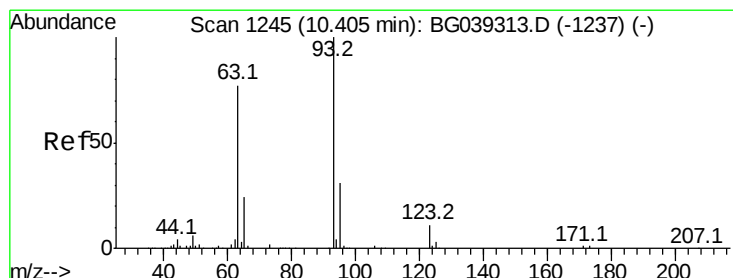
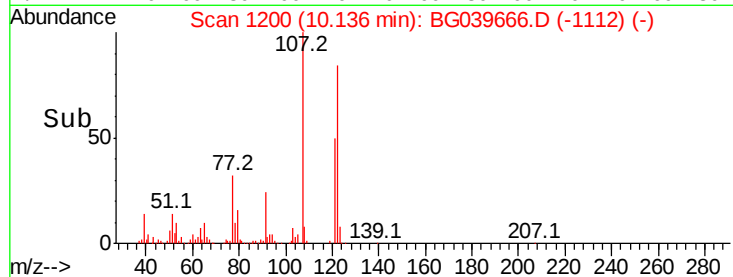
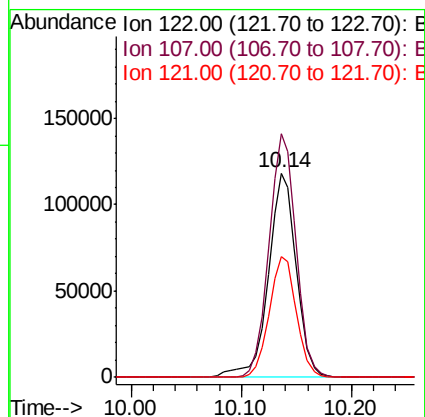
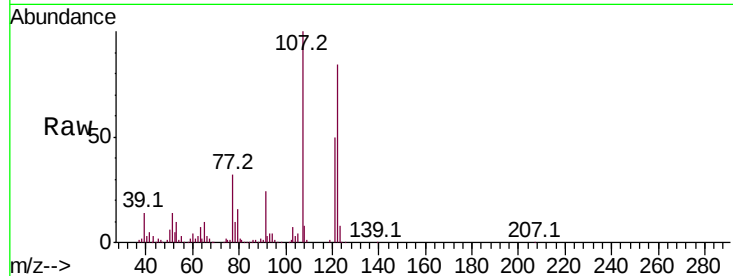




#27
2,4-Dimethylphenol
Concen: 50.328 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

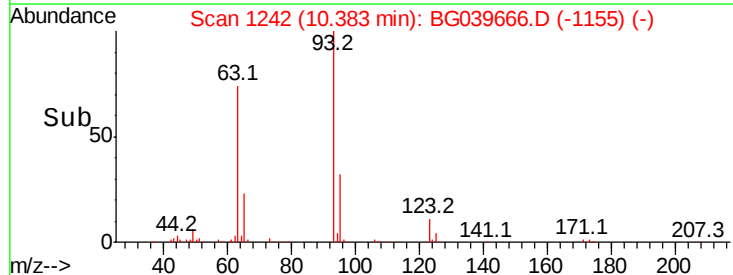
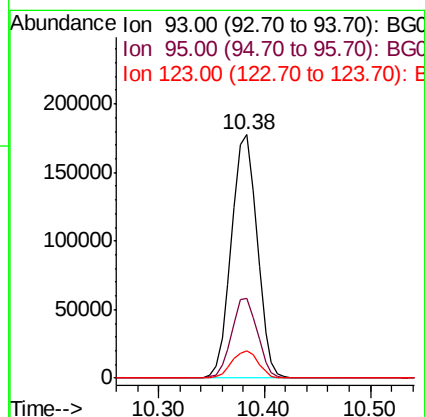
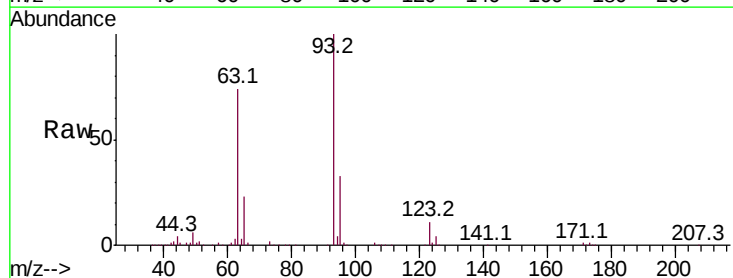
Instrument :
BNA_G
ClientSampled :

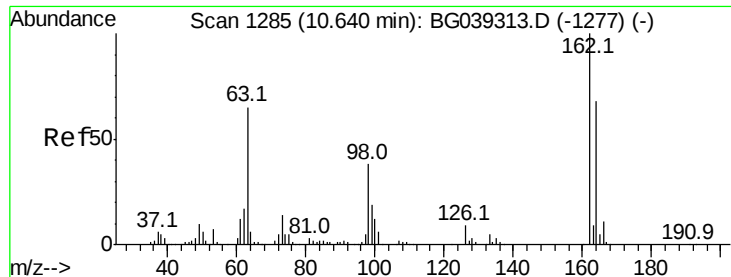
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	91.7	137.5
121	59.2	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.532 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.0	37.4
123	11.0	8.6	12.8

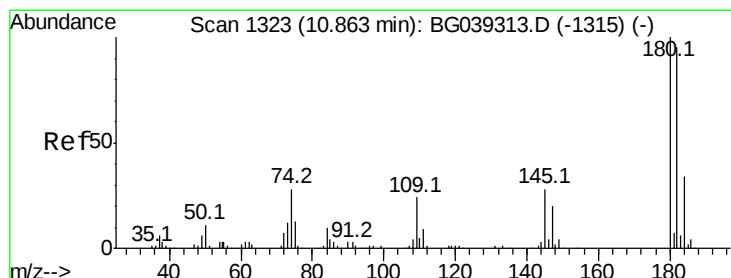
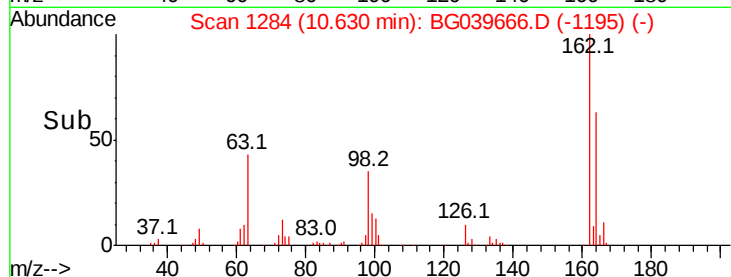
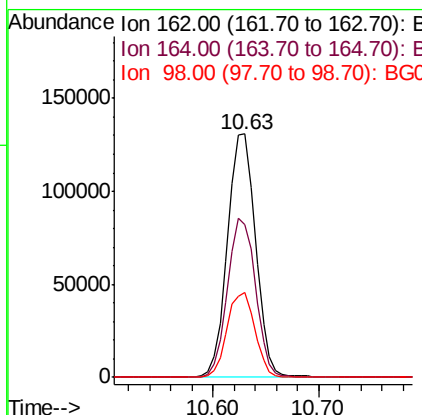
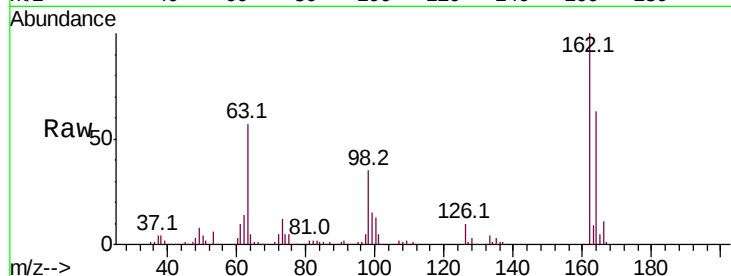




#29
 2,4-Dichlorophenol
 Concen: 53.401 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

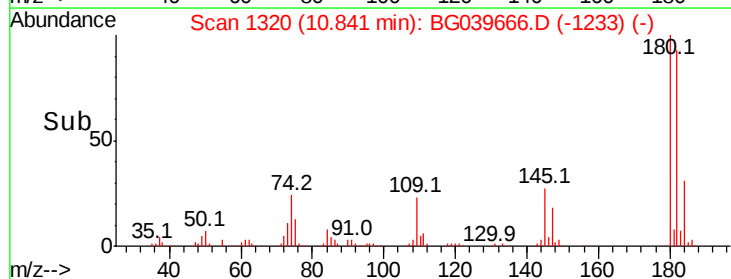
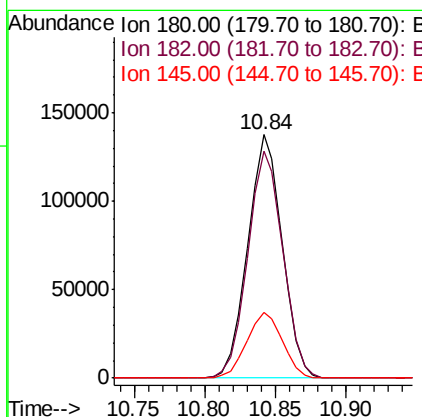
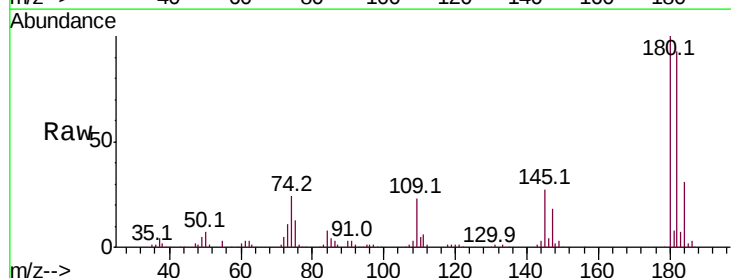
Instrument :
 BNA_G
 ClientSampleId :

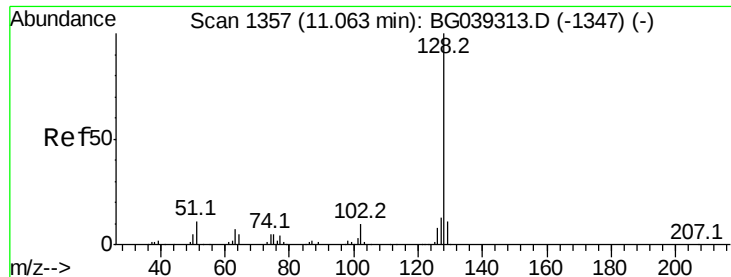
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	48.1	88.1
98	34.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.242 ng
 RT: 10.84 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.0	114.0
145	26.8	22.7	34.1

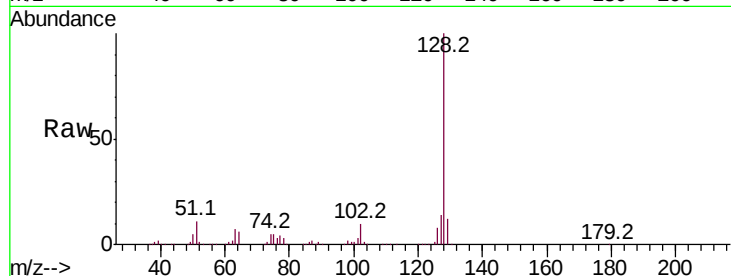




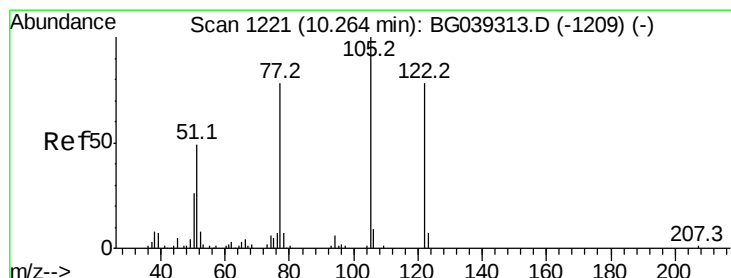
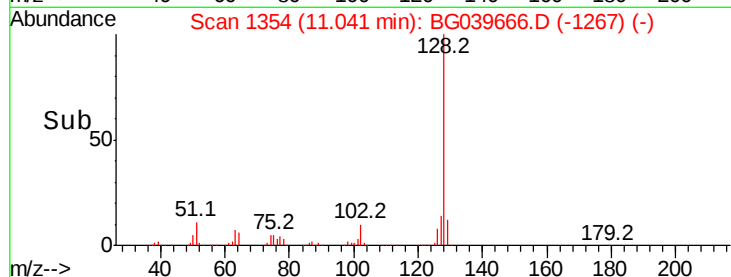
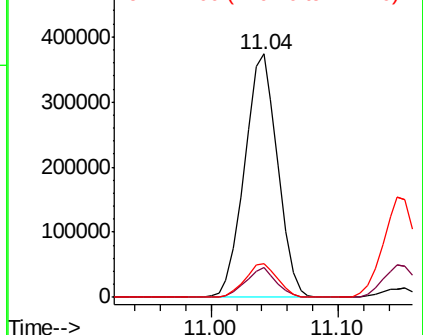
#31
Naphthalene
Concen: 47.033 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 673749
Ion Ratio Lower Upper
128 100
129 12.1 8.7 13.1
127 13.9 10.8 16.2

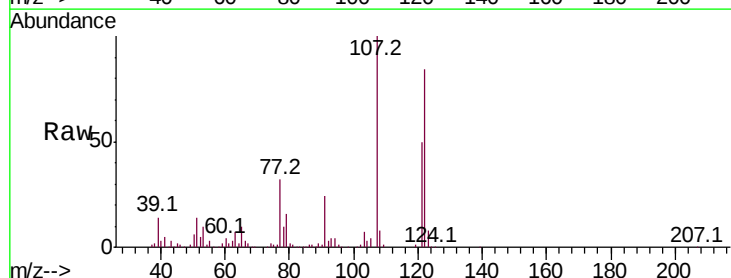


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

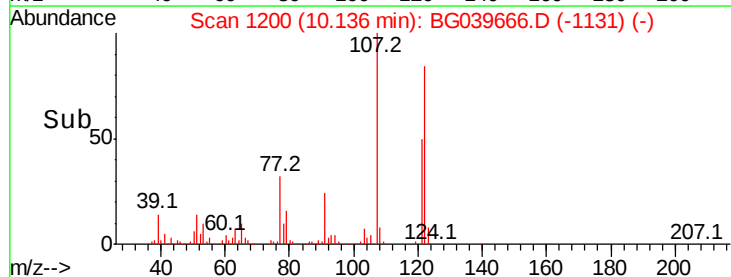
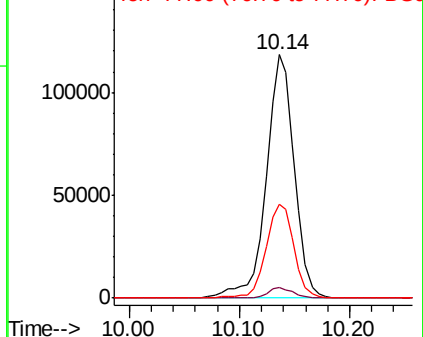


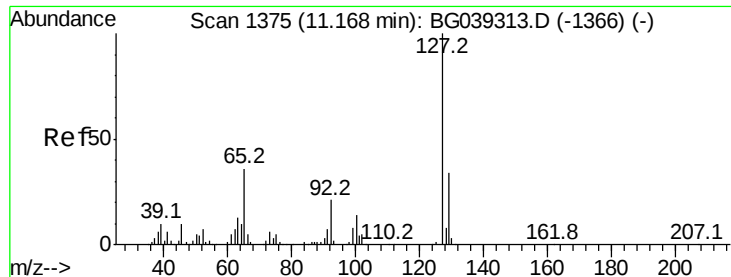
#32
Benzoic acid
Concen: 71.434 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.13 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion:122 Resp: 208534
Ion Ratio Lower Upper
122 100
105 4.2 101.8 141.8#
77 38.5 76.3 116.3#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

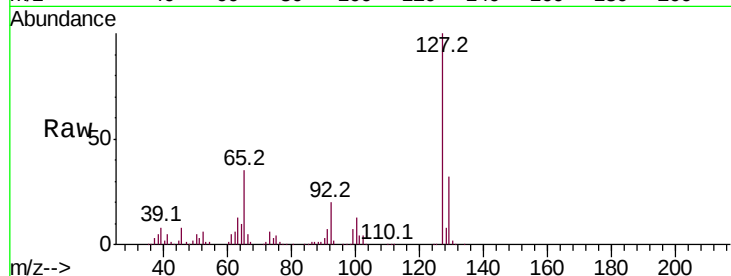




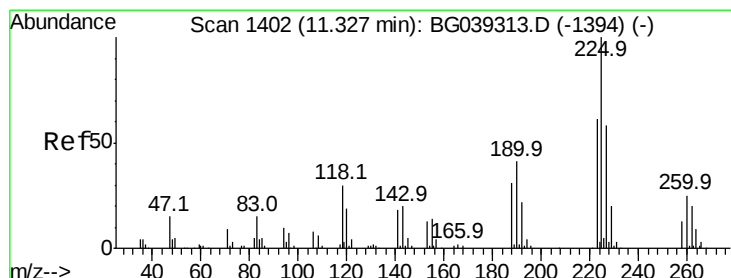
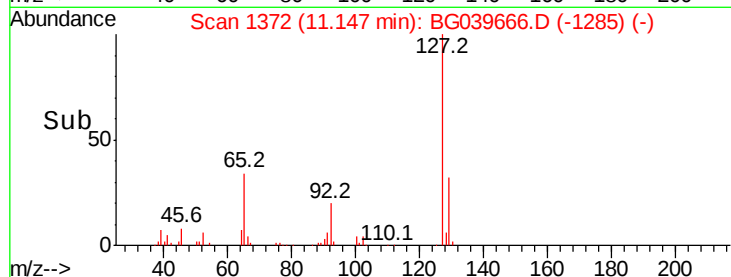
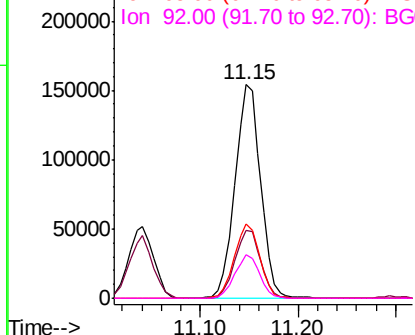
#33
4-Chloroaniline
Concen: 42.327 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	281139
Ion	Ratio	Lower	Upper
127	100		
129	31.7	27.0	40.4
65	34.5	28.8	43.2
92	20.2	16.6	25.0

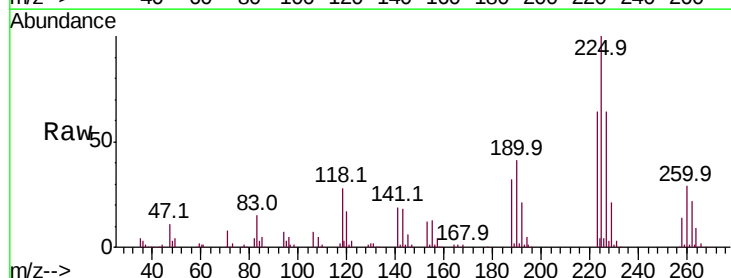


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

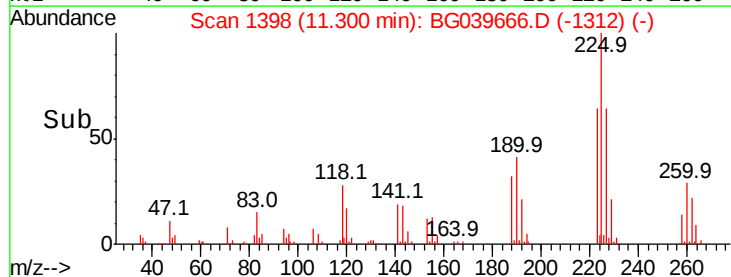
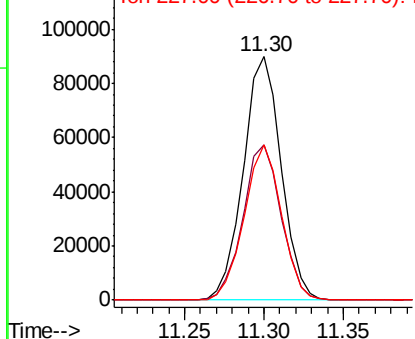


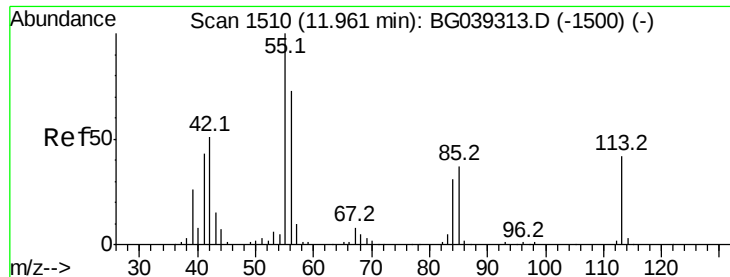
#34
Hexachlorobutadiene
Concen: 44.107 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion:	225	Resp:	149131
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.0	73.6
227	63.7	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: 46.918 ng

RT: 11.95 min Scan# 1508

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampled :

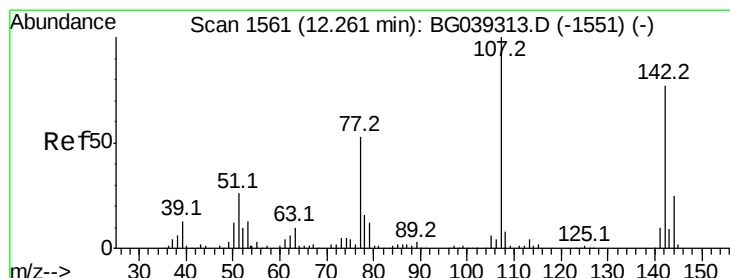
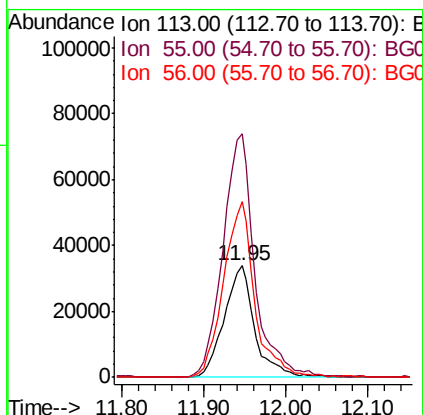
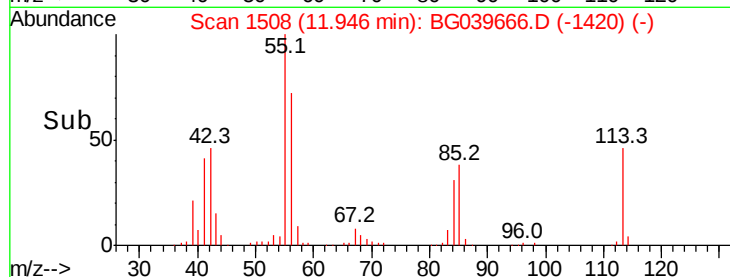
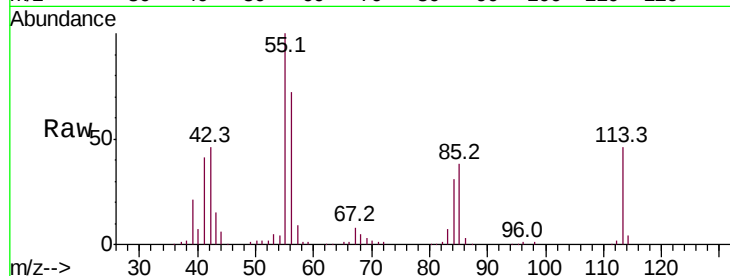
Tot Ion:113 Resp: 87921

Ion Ratio Lower Upper

113 100

55 217.9 216.9 256.9

56 156.8 152.6 192.6



#36

4-Chloro-3-methylphenol

Concen: 52.137 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

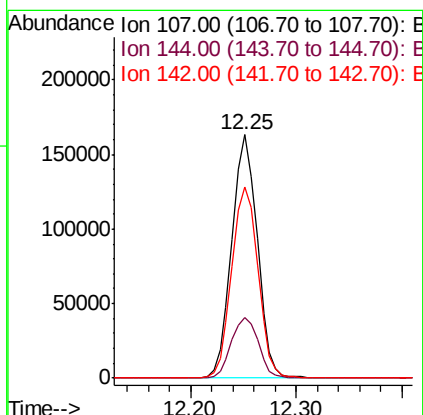
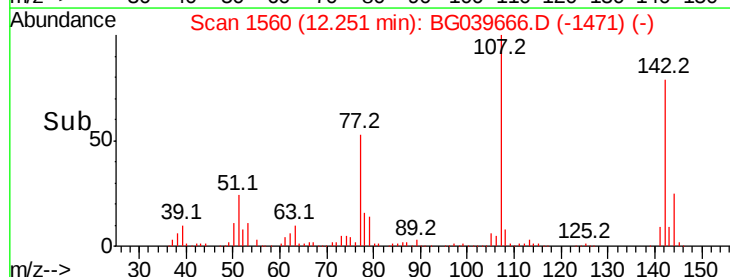
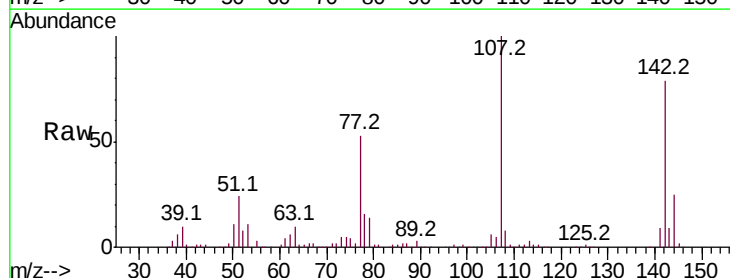
Tgt Ion:107 Resp: 273051

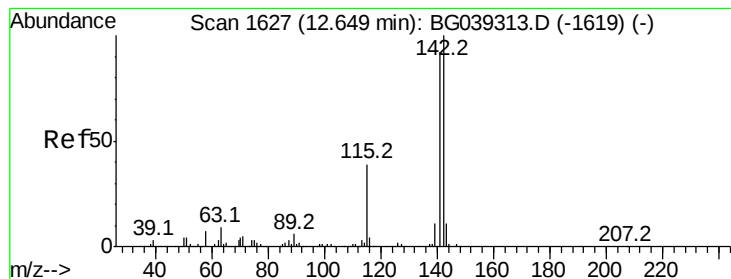
Ion Ratio Lower Upper

107 100

144 25.0 20.2 30.2

142 78.5 61.4 92.2





#37

2-Methylnaphthalene

Concen: 50.928 ng

RT: 12.63 min Scan# 1625

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

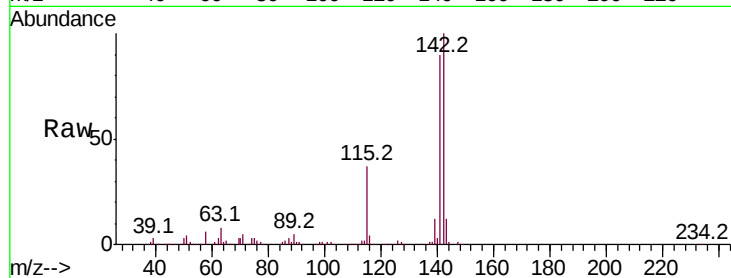
Tot Ion:142 Resp: 540343

Ion Ratio Lower Upper

142 100

141 90.4 73.5 110.3

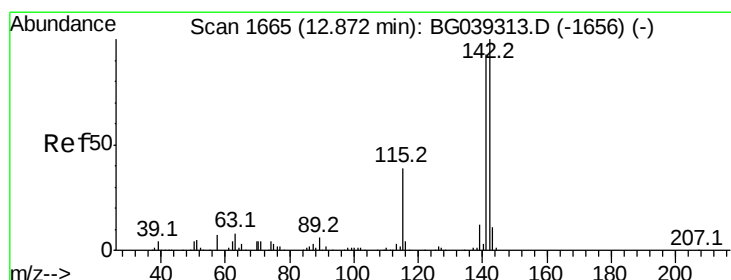
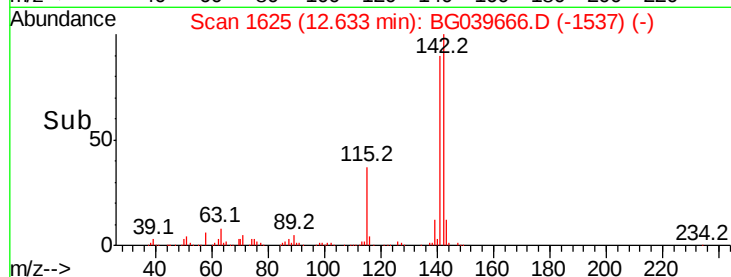
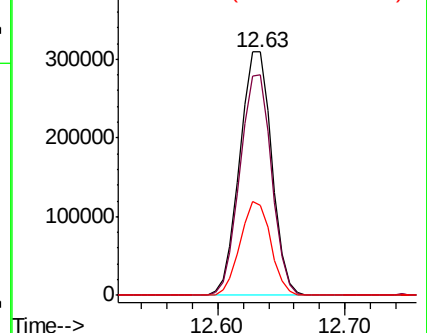
115 37.1 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.338 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

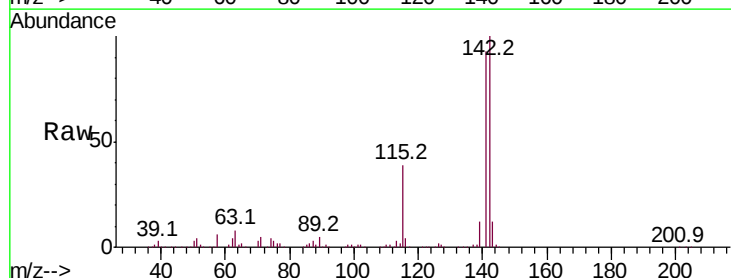
Tgt Ion:142 Resp: 514824

Ion Ratio Lower Upper

142 100

141 93.1 74.2 111.4

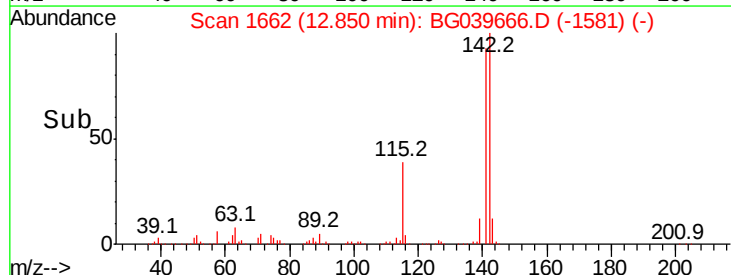
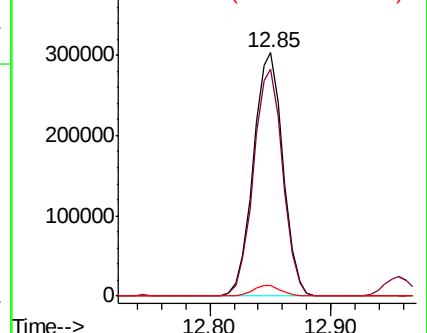
116 4.3 3.0 4.6

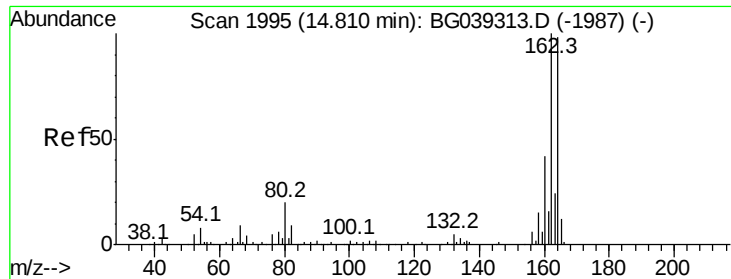


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

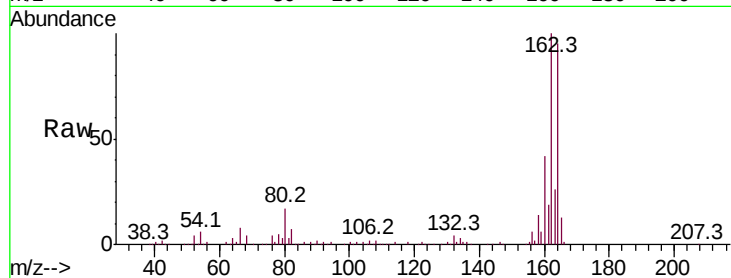
Tot Ion:164 Resp: 214915

Ion Ratio Lower Upper

164 100

162 105.5 81.6 122.4

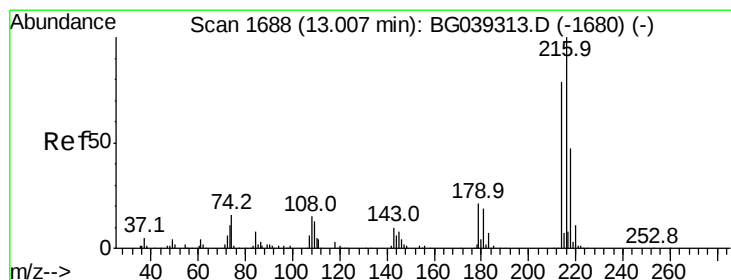
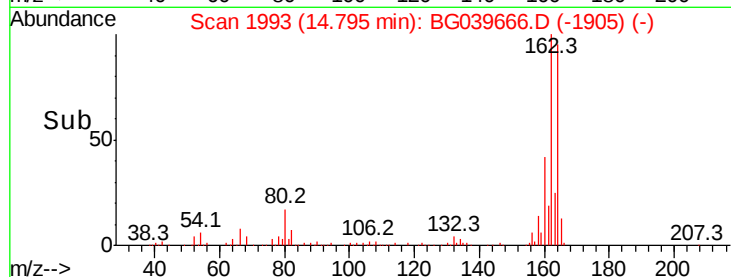
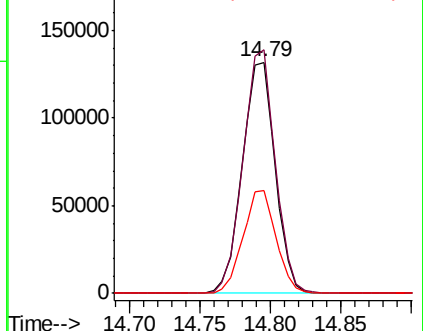
160 44.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.709 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Tgt Ion:216 Resp: 298881

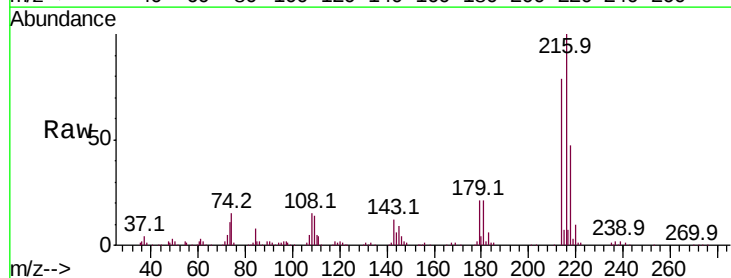
Ion Ratio Lower Upper

216 100

214 80.0 62.6 94.0

179 20.7 16.6 25.0

108 18.0 14.0 21.0

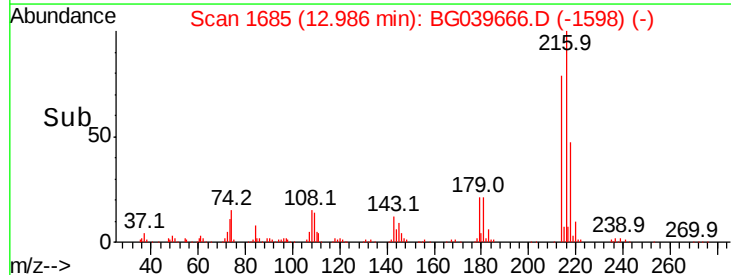
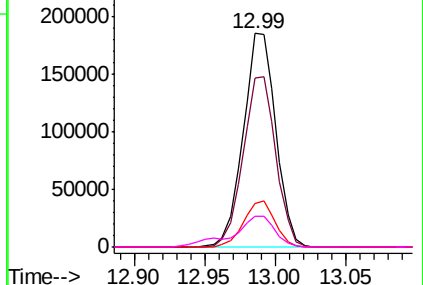


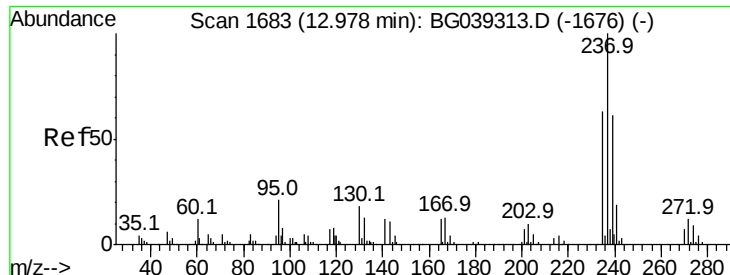
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.883 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampled :

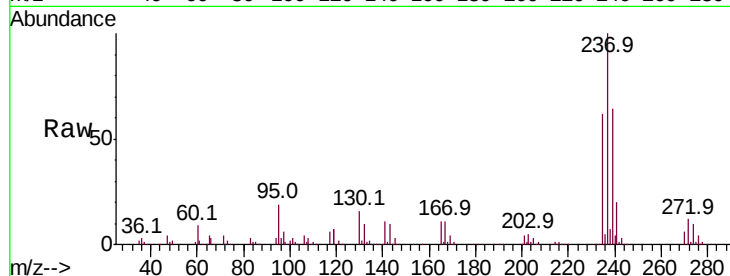
Tot Ion:237 Resp: 353546

Ion Ratio Lower Upper

237 100

235 61.9 43.3 83.3

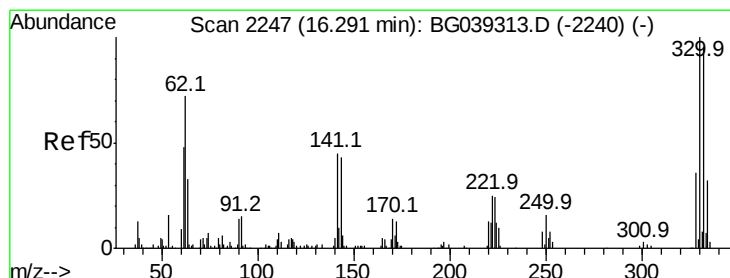
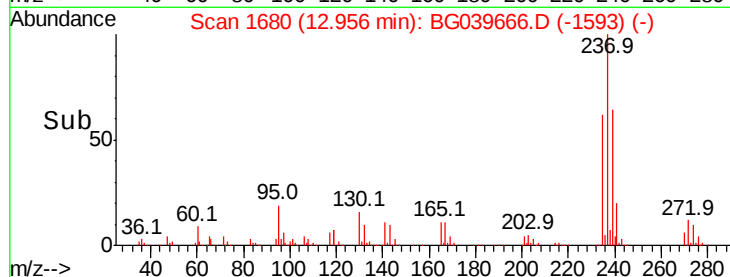
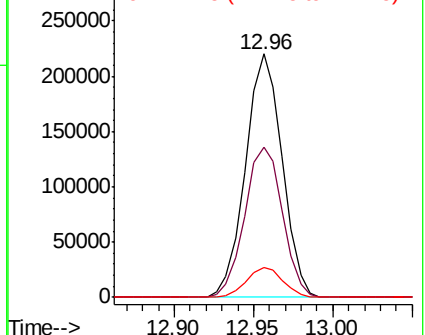
272 12.2 0.0 32.3



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: 153.907 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

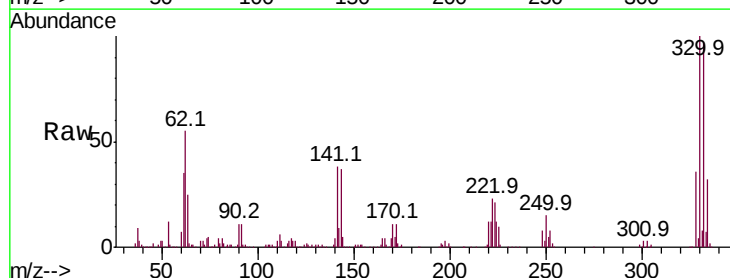
Tgt Ion:330 Resp: 356182

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

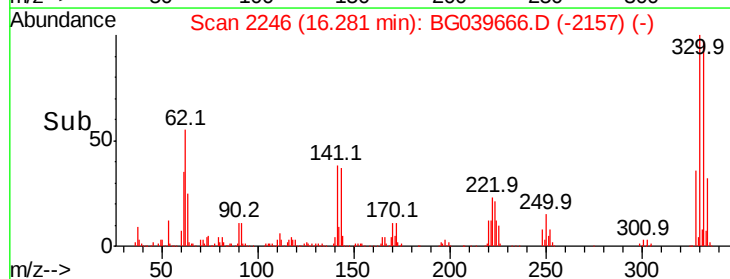
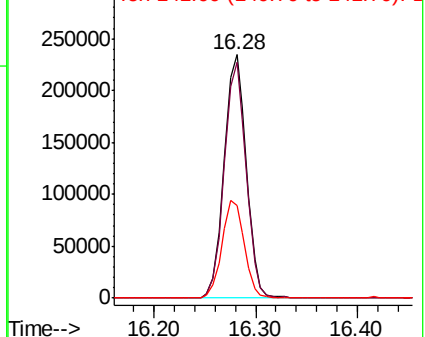
141 40.3 35.6 53.4

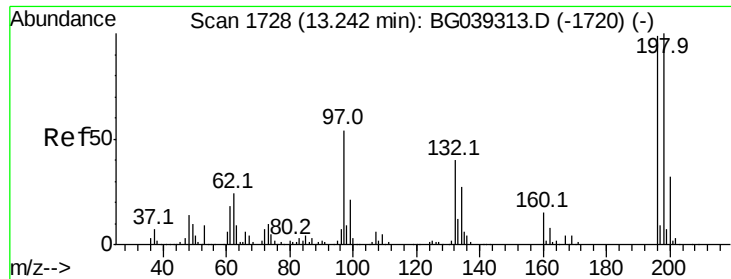


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

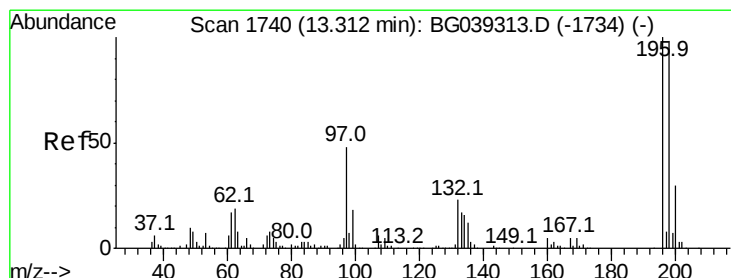
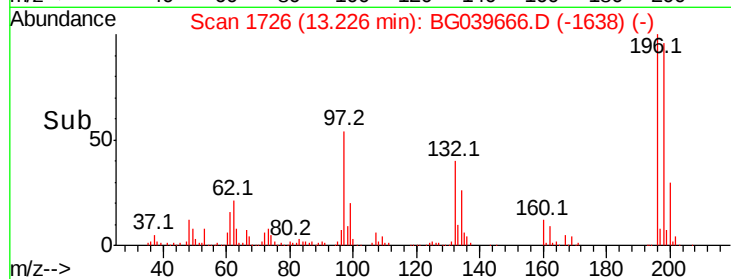
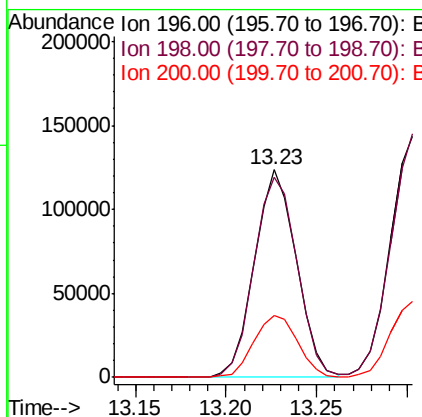
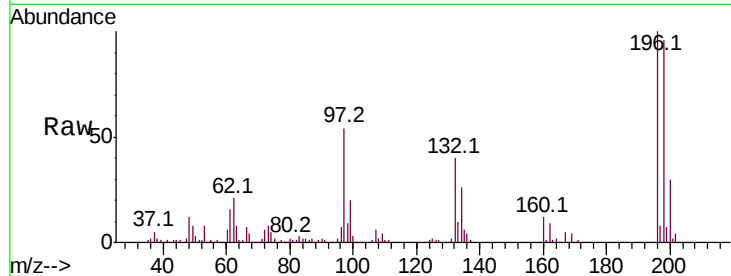




#43
 2,4,6-Trichlorophenol
 Concen: 47.219 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.02 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

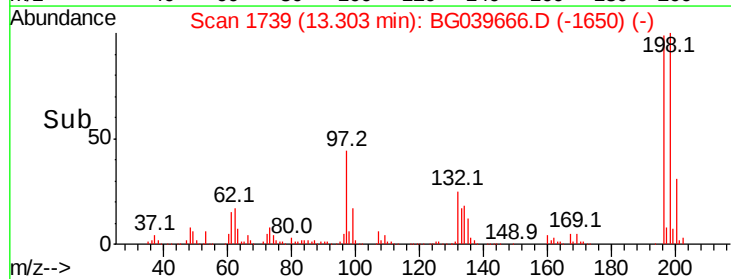
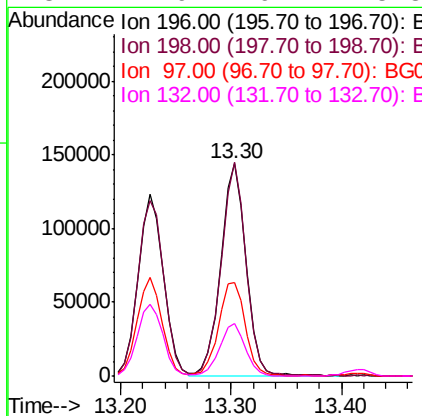
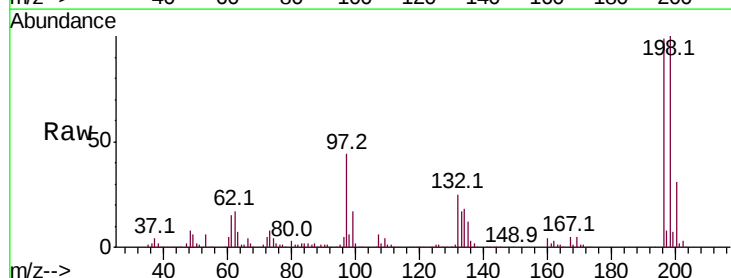
Instrument :
 BNA_G
 ClientSampled :

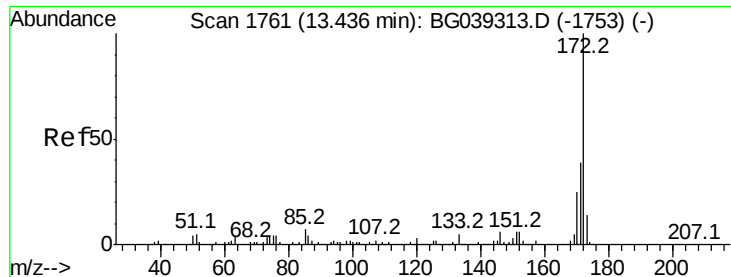
Tot Ion:196 Resp: 198523
 Ion Ratio Lower Upper
 196 100
 198 96.3 80.6 121.0
 200 29.7 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 51.960 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

Tgt Ion:196 Resp: 228962
 Ion Ratio Lower Upper
 196 100
 198 100.8 78.5 117.7
 97 44.1 38.4 57.6
 132 24.9 19.2 28.8

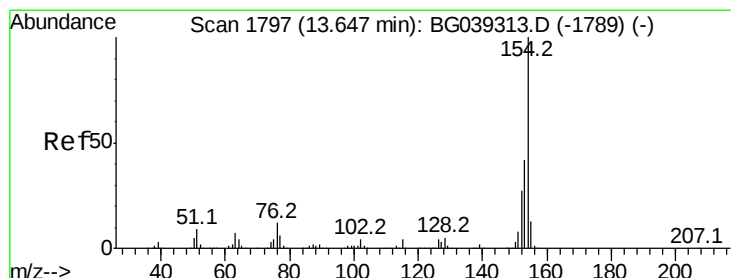
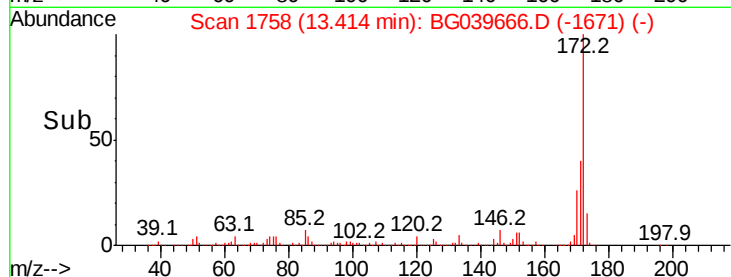
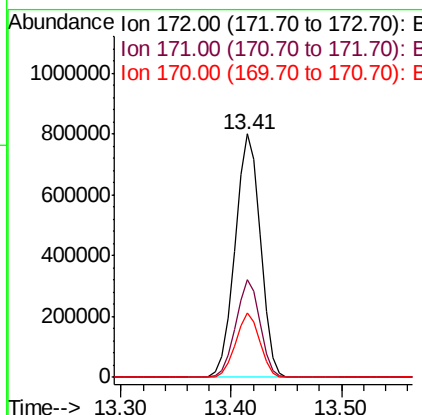
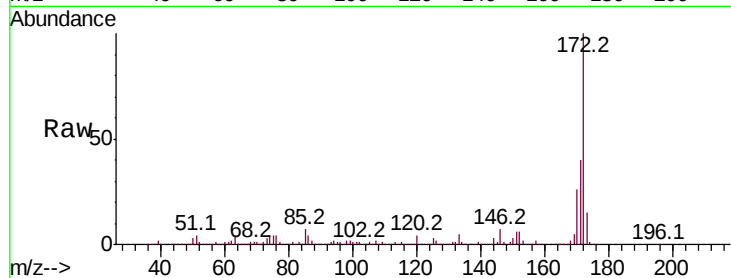




#45
2-Fluorobiphenyl
Concen: 85.810 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

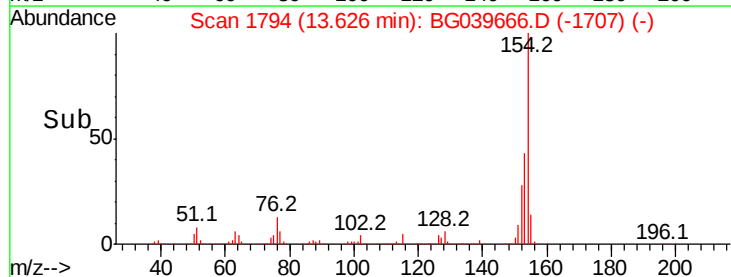
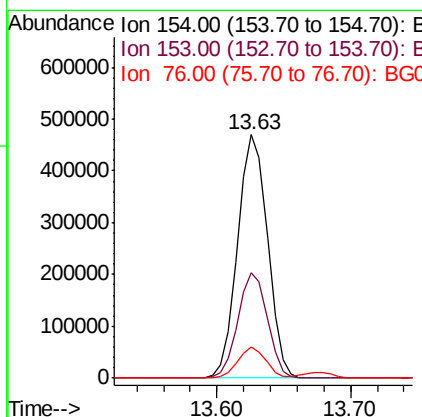
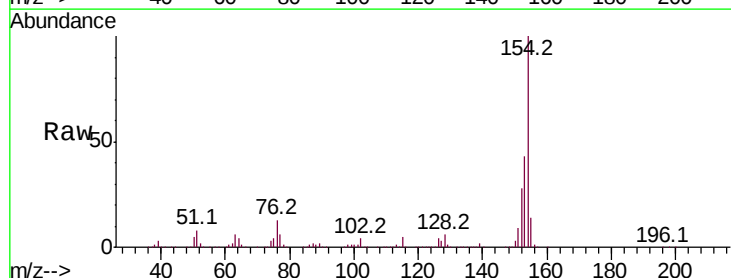
Instrument :
BNA_G
ClientSampleId :

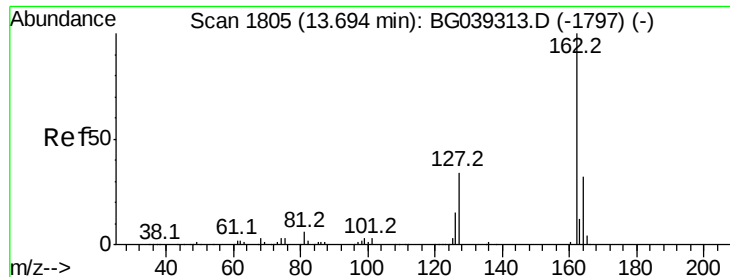
Tot Ion:172 Resp: 1285557
Ion Ratio Lower Upper
172 100
171 39.9 30.8 46.2
170 26.2 20.2 30.4



#46
1,1'-Biphenyl
Concen: 40.689 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion:154 Resp: 727582
Ion Ratio Lower Upper
154 100
153 43.2 22.1 62.1
76 12.8 0.0 32.4

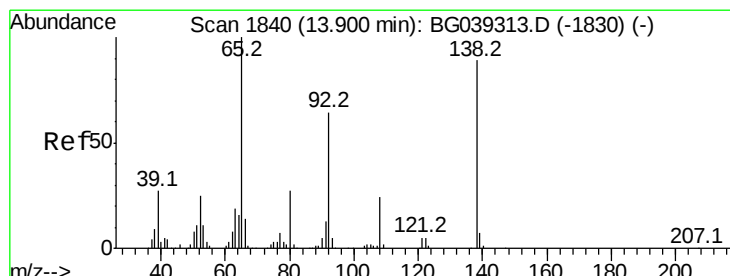
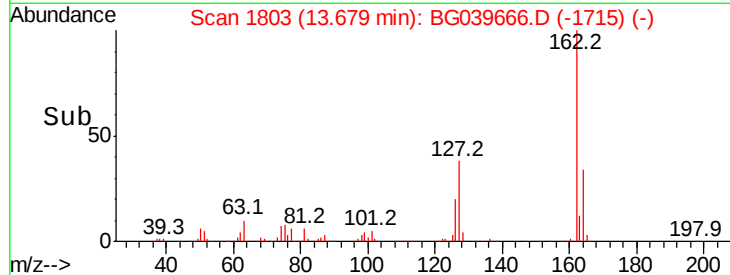
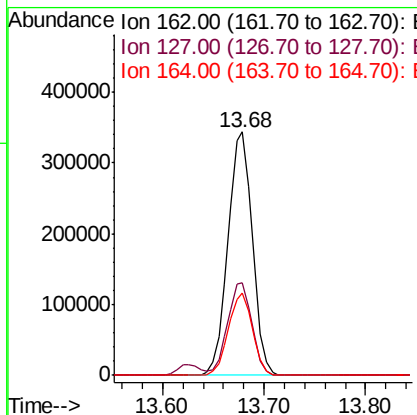
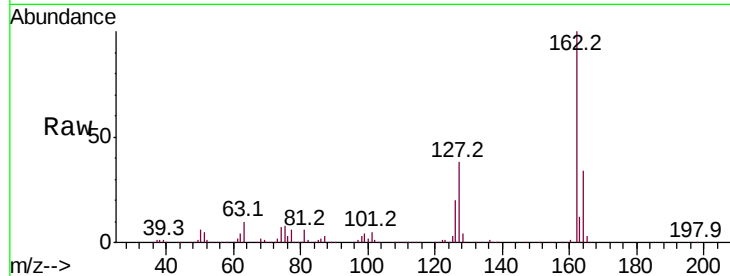




#47
 2-Chloronaphthalene
 Concen: 42.469 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.02 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

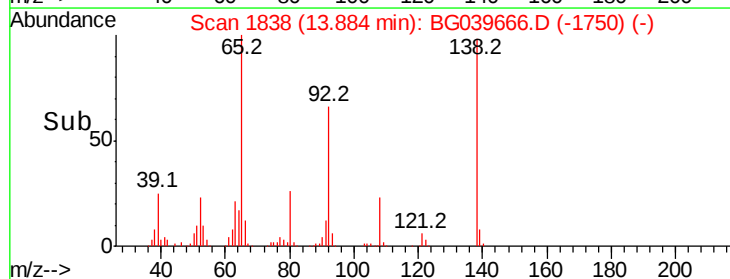
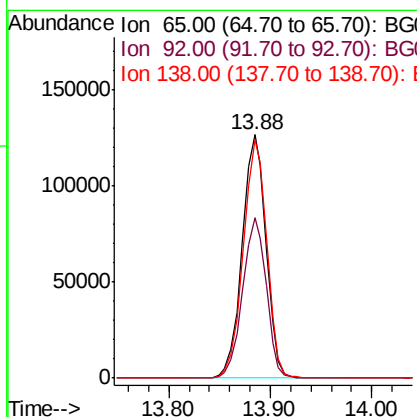
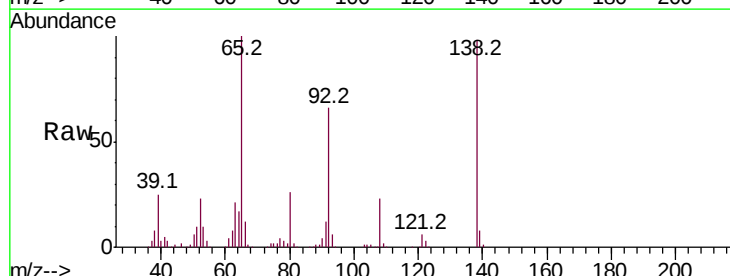
Instrument :
 BNA_G
 ClientSampleId :

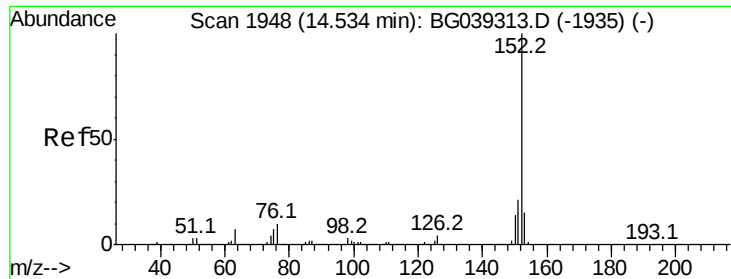
Tot Ion:	162	Resp:	571284
Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.0	46.6
164	33.8	25.7	38.5



#48
 2-Nitroaniline
 Concen: 52.338 ng
 RT: 13.88 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

Tgt Ion:	65	Resp:	205749
Ion	Ratio	Lower	Upper
65	100		
92	65.7	51.4	77.2
138	98.0	71.4	107.2





#49

Acenaphthylene

Concen: 45.514 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

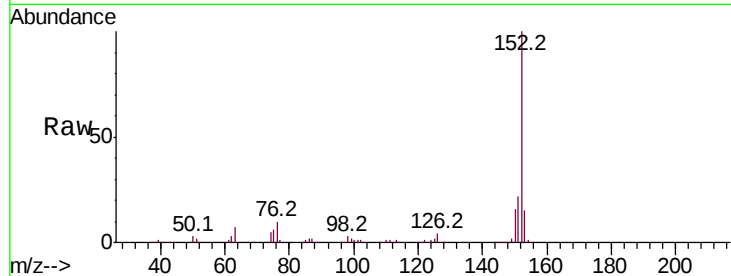
Tot Ion:152 Resp: 923834

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

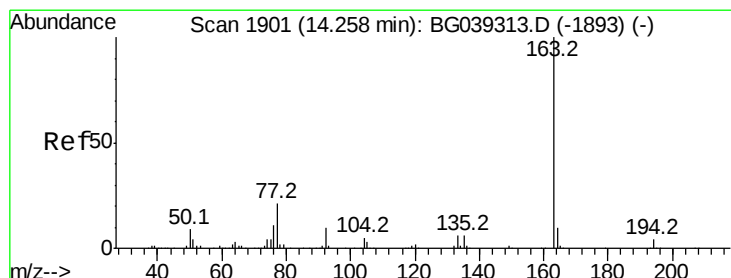
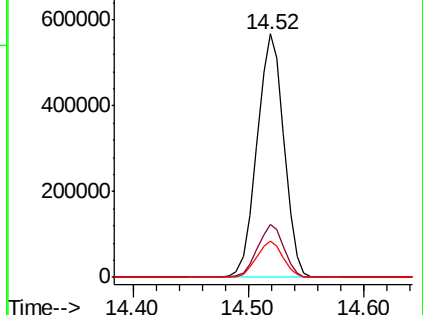
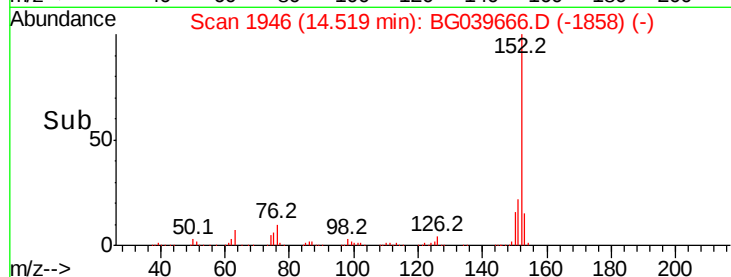
153 15.1 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.088 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

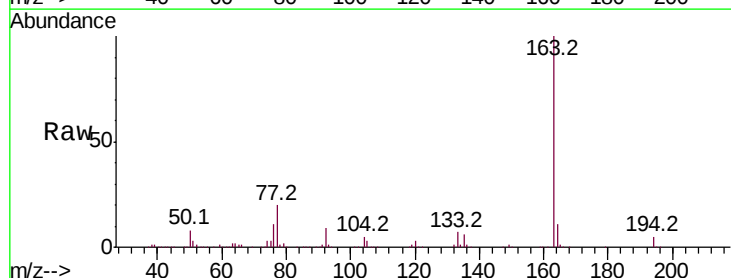
Tgt Ion:163 Resp: 852042

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

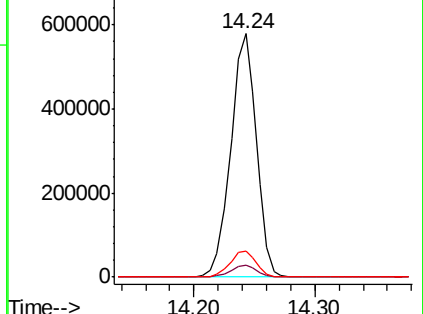
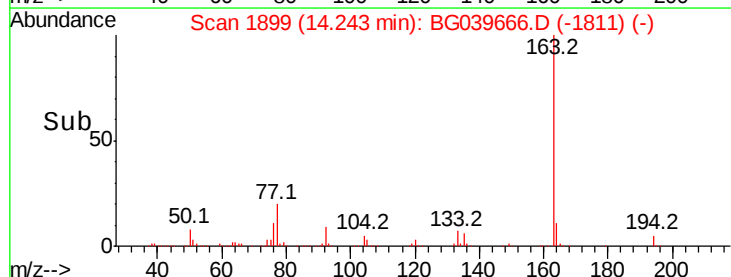
164 10.8 8.4 12.6

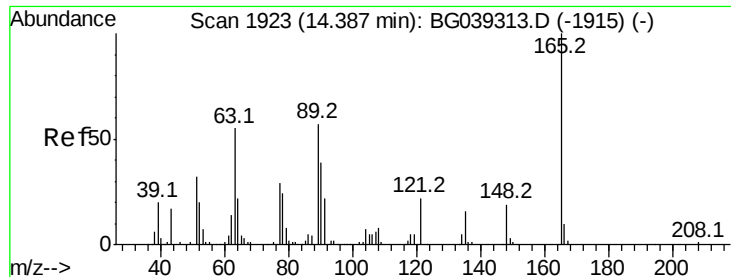


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 54.443 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

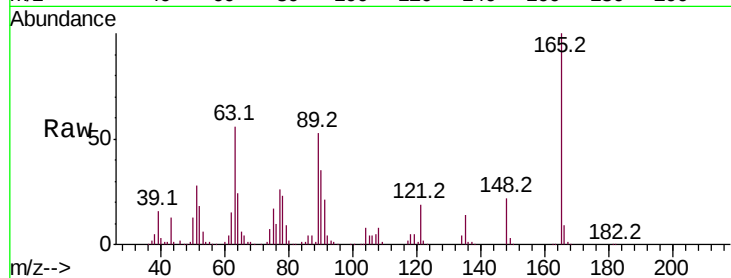
Tot Ion:165 Resp: 179922

Ion Ratio Lower Upper

165 100

63 56.4 47.0 70.6

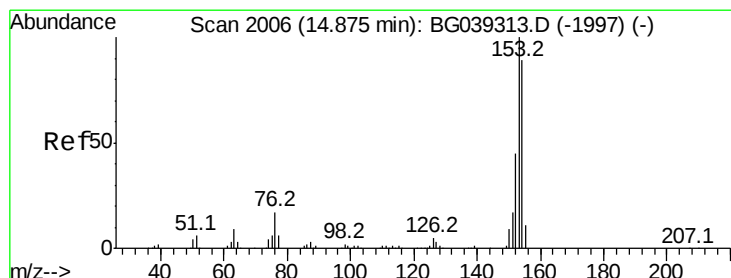
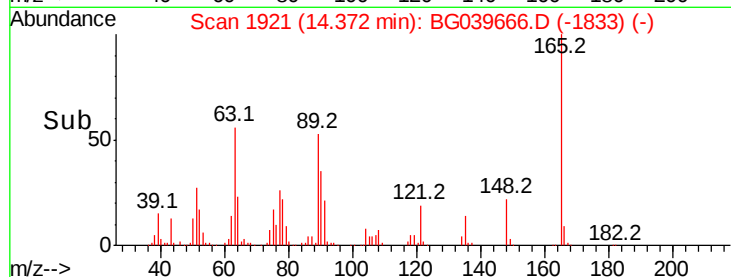
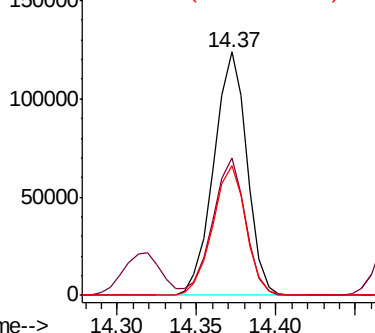
89 53.1 45.8 68.8



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: 42.962 ng

RT: 14.85 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

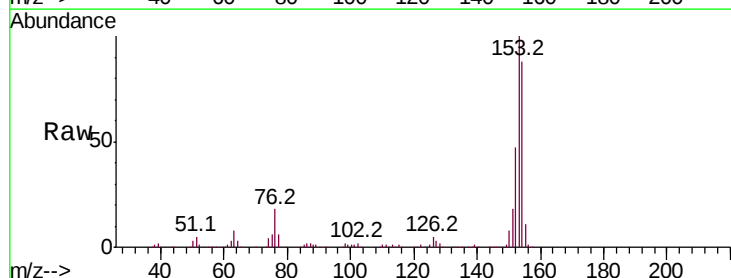
Tgt Ion:154 Resp: 566046

Ion Ratio Lower Upper

154 100

153 114.2 90.1 135.1

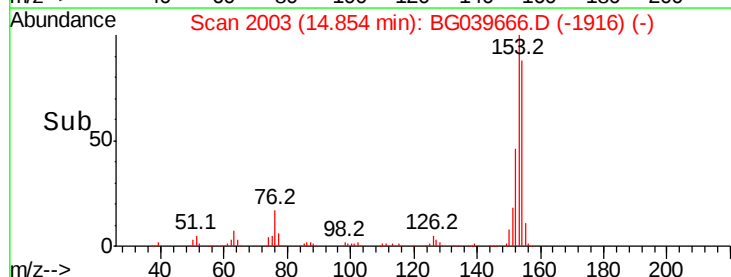
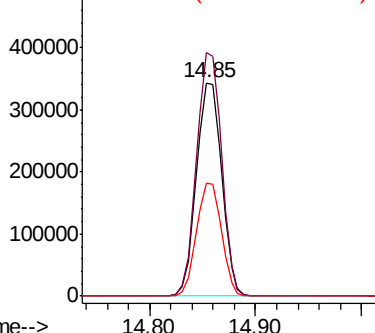
152 53.2 40.9 61.3

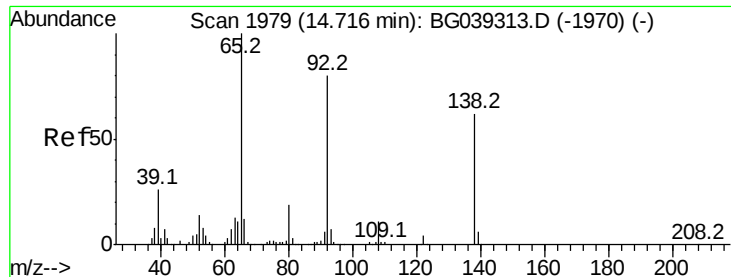


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

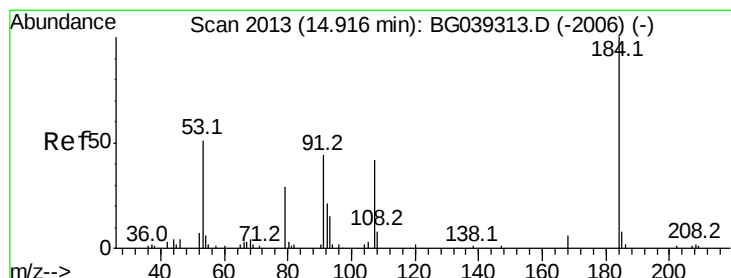
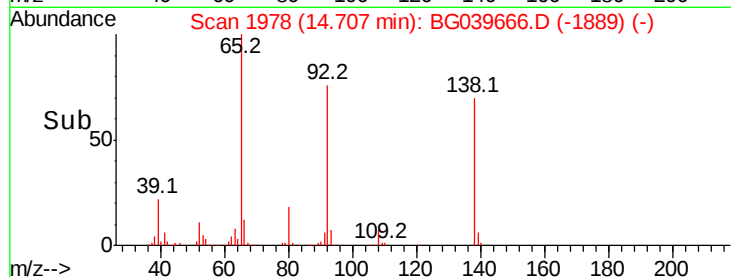
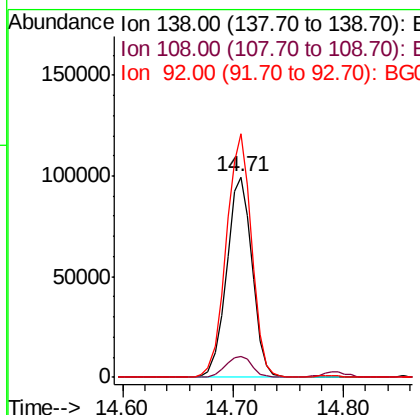
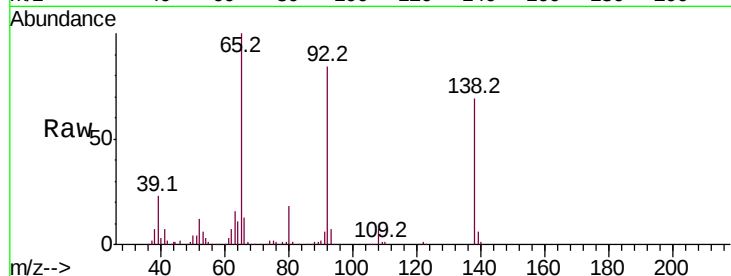




#53
3-Nitroaniline
Concen: 46.196 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

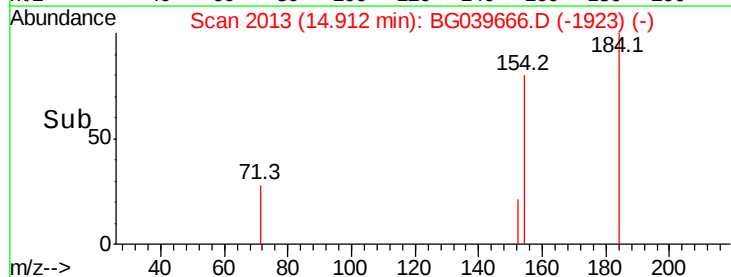
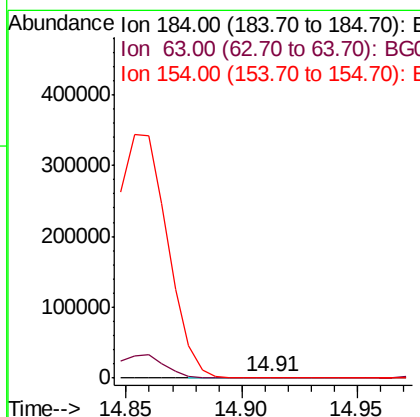
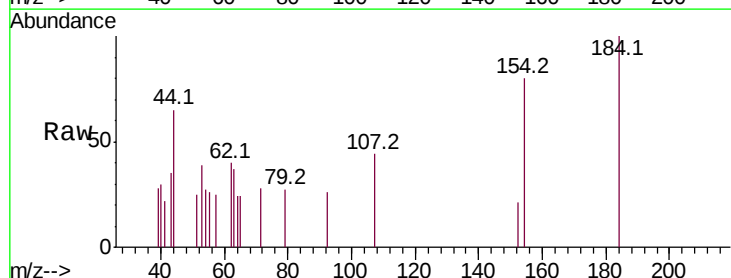
Instrument :
BNA_G
ClientSampleId :

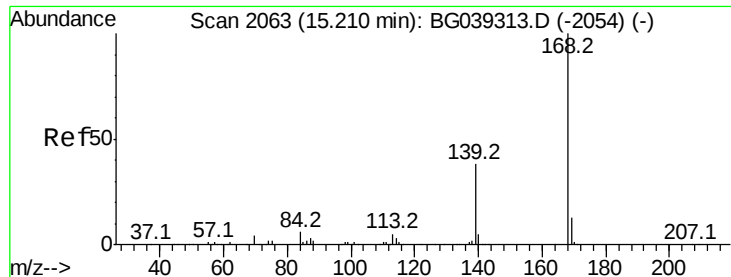
Tot Ion:138 Resp: 160834
Ion Ratio Lower Upper
138 100
108 10.4 13.8 20.8#
92 121.4 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 3.356 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion:184 Resp: 1385
Ion Ratio Lower Upper
184 100
63 36.7 50.9 76.3#
154 80.4 53.0 79.6#

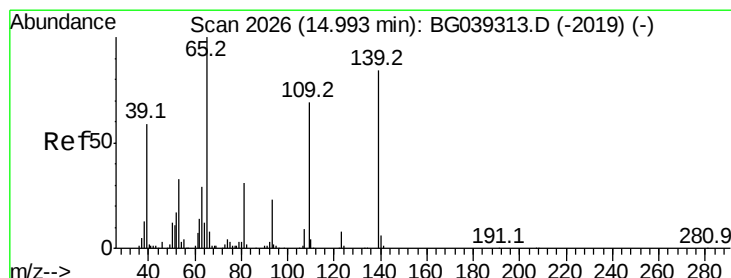
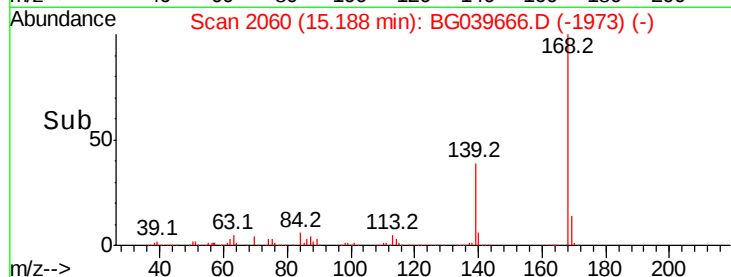
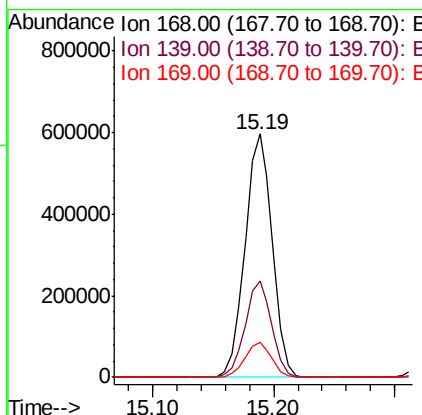
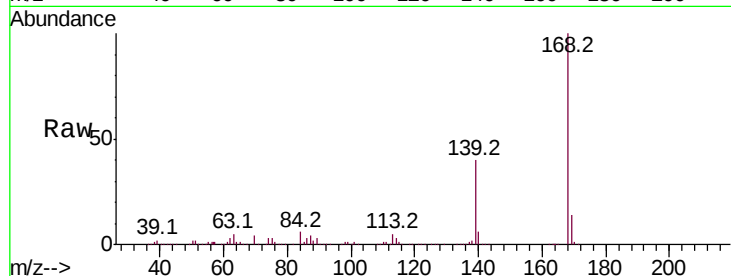




#55
Dibenzofuran
Concen: 44.141 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

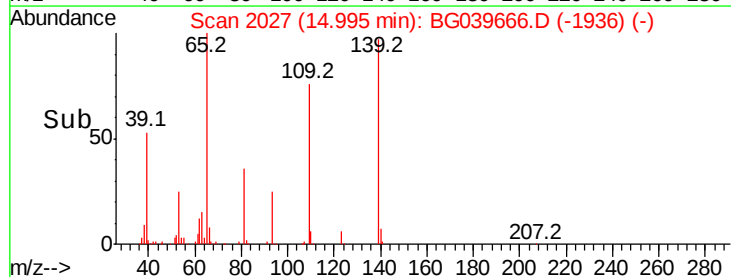
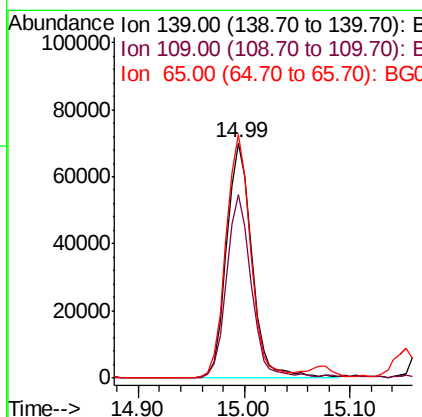
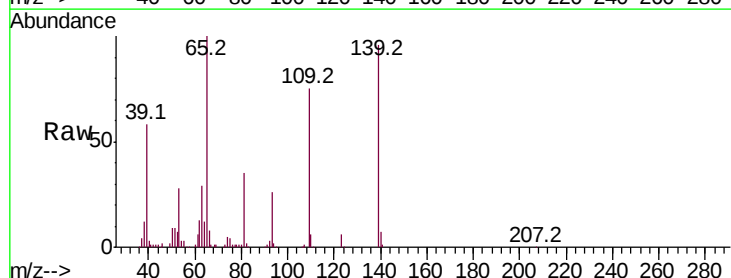
Instrument :
BNA_G
ClientSampleId :

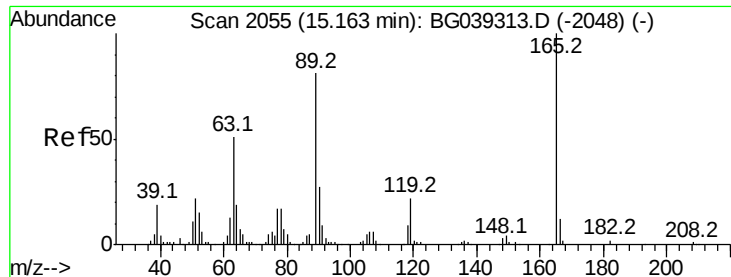
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.1	45.1
169	14.4	10.6	16.0



#56
4-Nitrophenol
Concen: 40.265 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.0	61.9	101.9
65	103.7	99.1	139.1

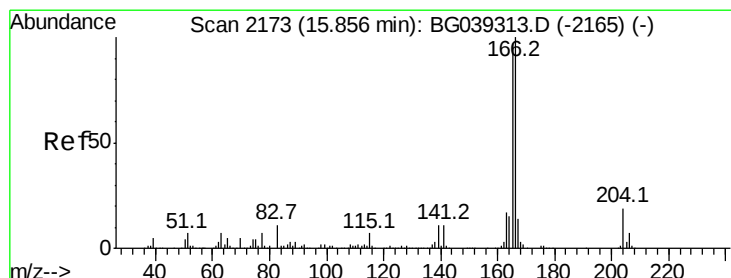
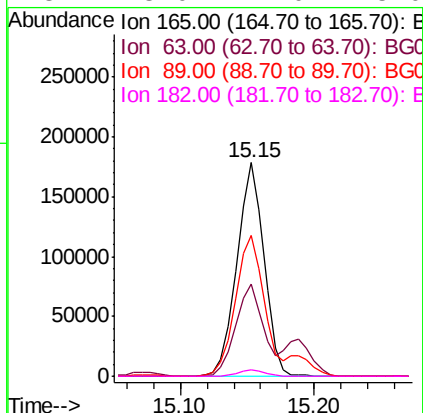
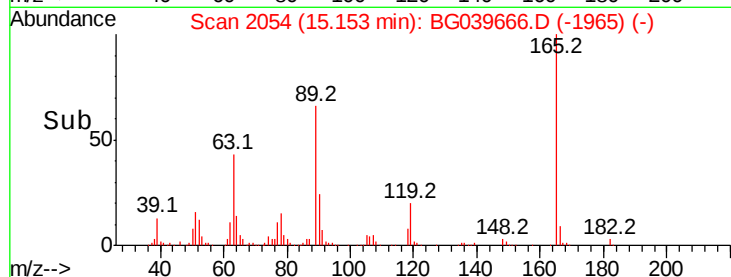
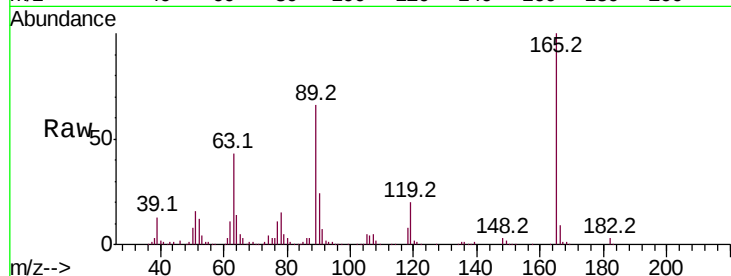




#57
 2,4-Dinitrotoluene
 Concen: 58.375 ng
 RT: 15.15 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

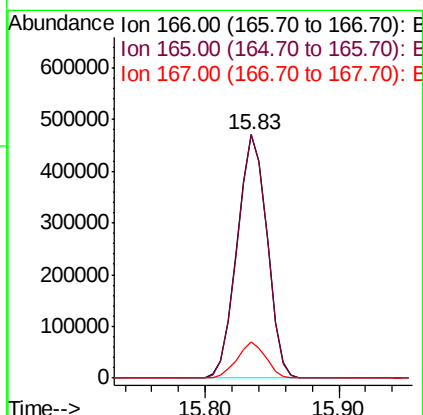
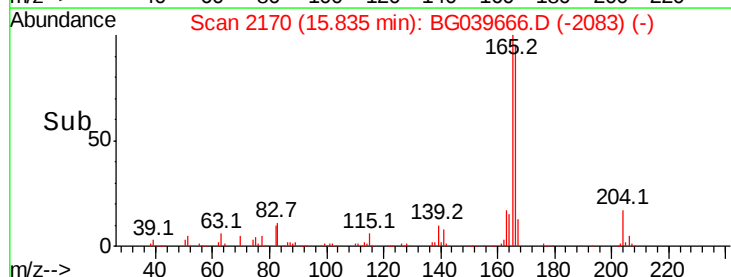
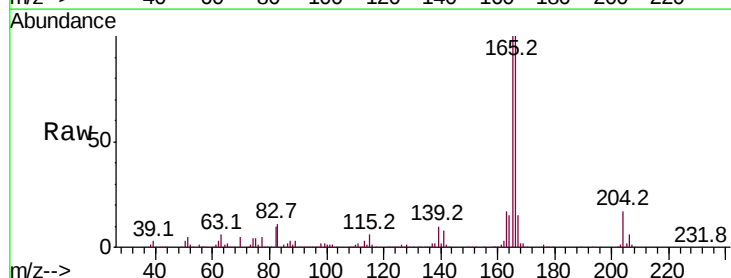
Instrument :
 BNA_G
 ClientSampleId :

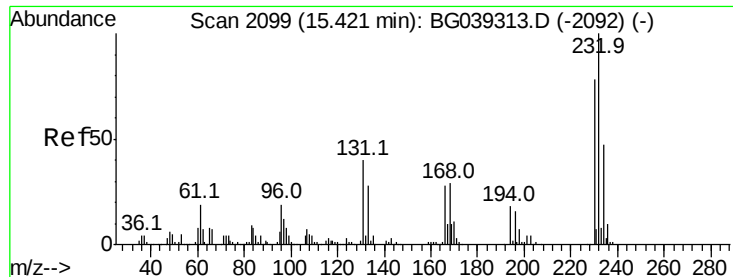
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.9	41.0	61.6
89	65.9	64.6	96.8
182	3.0	2.0	3.0



#58
 Fluorene
 Concen: 46.416 ng
 RT: 15.83 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.9	116.9
167	14.7	10.8	16.2

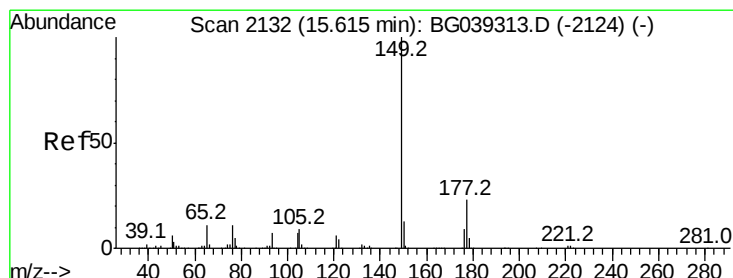
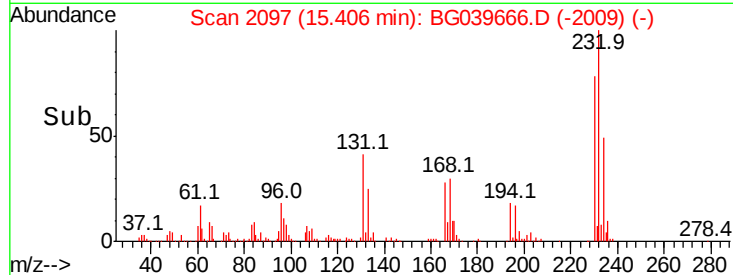
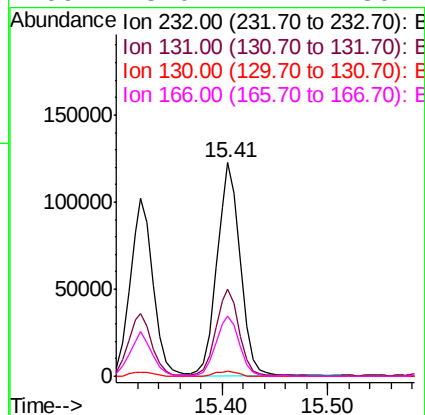
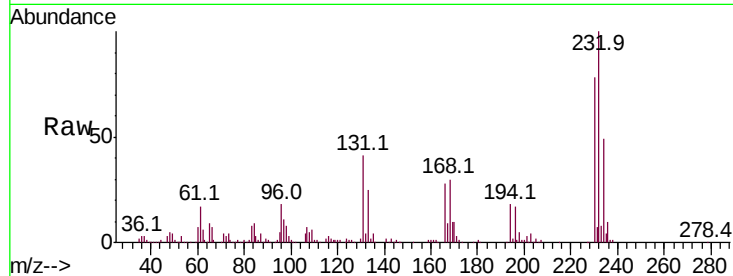




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.716 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.02 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

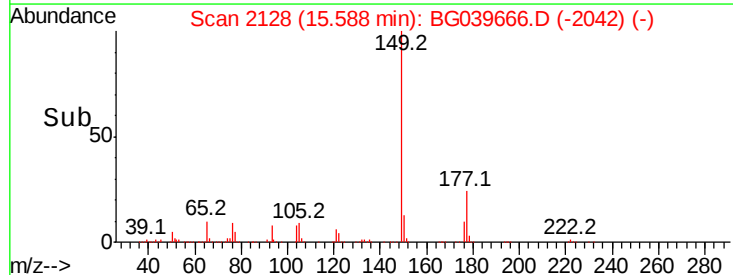
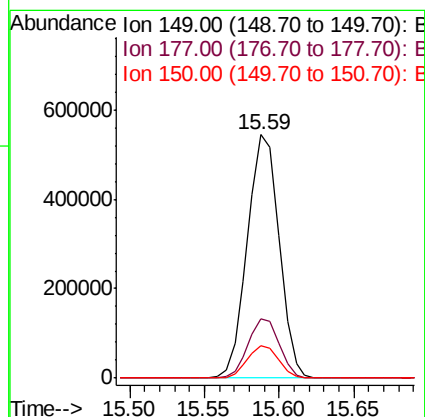
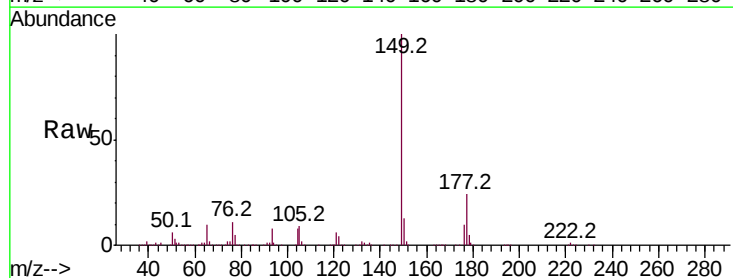
Instrument :
 BNA_G
 ClientSampleId :

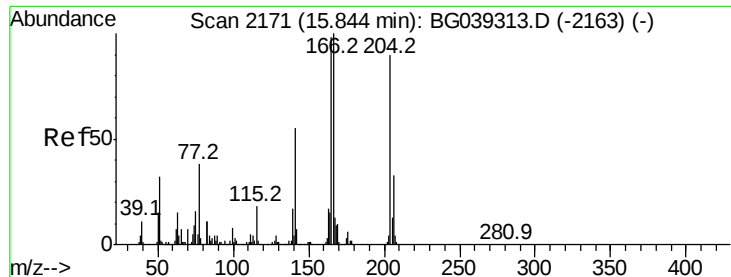
Tot Ion:	232	Resp:	188619
Ion	Ratio	Lower	Upper
232	100		
131	40.5	34.9	52.3
130	2.3	2.0	3.0
166	28.0	24.1	36.1



#60
 Diethylphthalate
 Concen: 44.579 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

Tgt Ion:	149	Resp:	800021
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	13.4	10.2	15.2

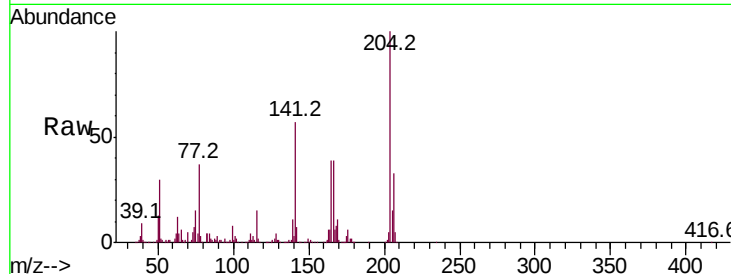




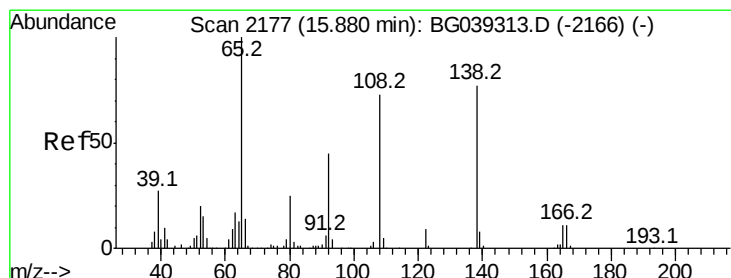
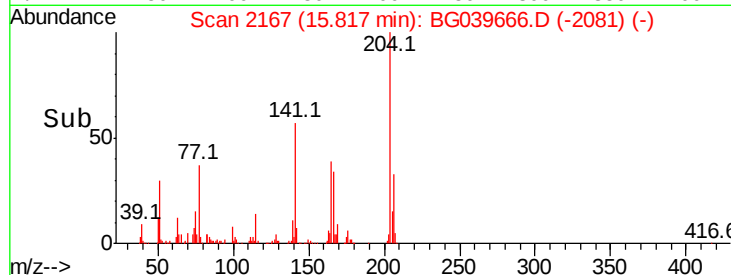
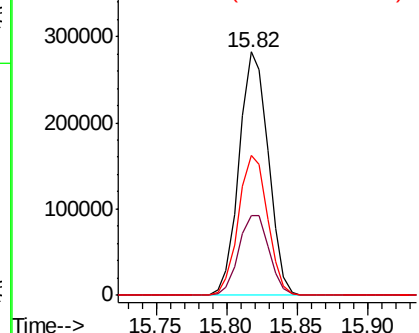
#61
 4-Chlorophenyl-phenylether
 Concen: 45.743 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	29.2	43.8
141	57.2	49.0	73.4

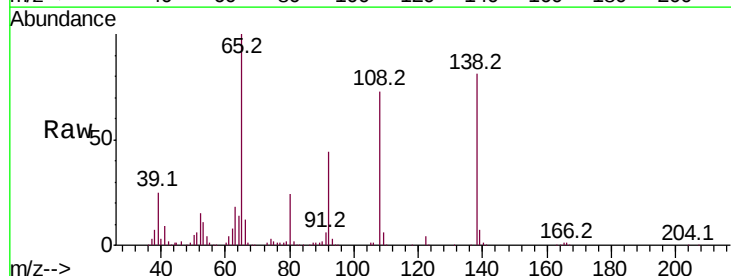


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

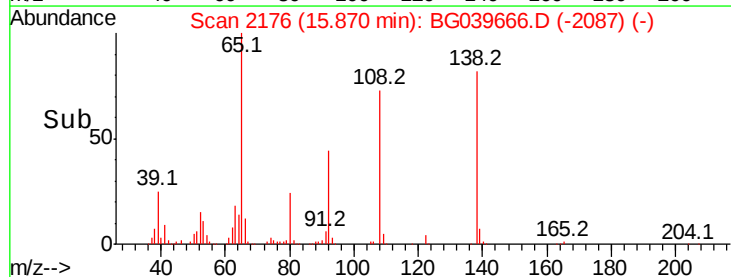
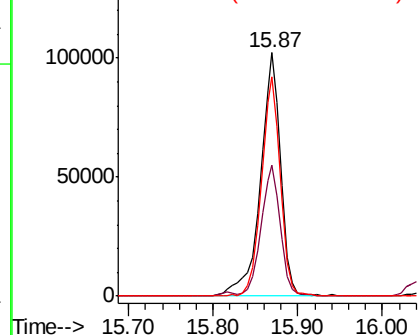


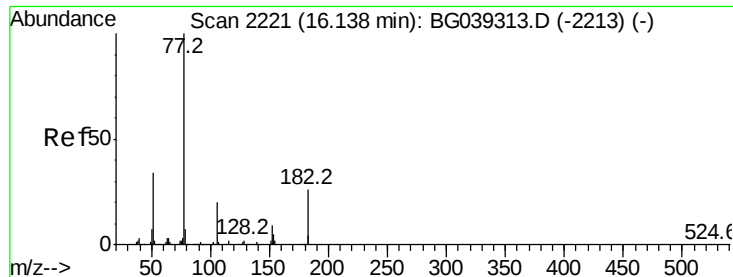
#62
 4-Nitroaniline
 Concen: 47.358 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	38.7	78.7
108	89.9	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: 40.179 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.03 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 704769

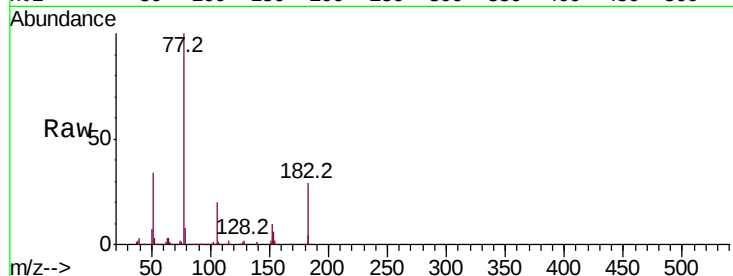
Ion Ratio Lower Upper

77 100

182 29.2 6.4 46.4

105 20.1 0.0 39.8

51 33.9 14.1 54.1

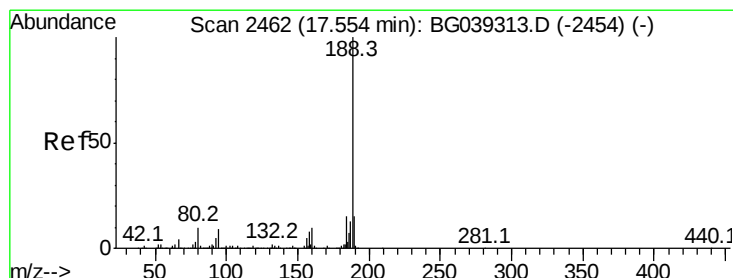
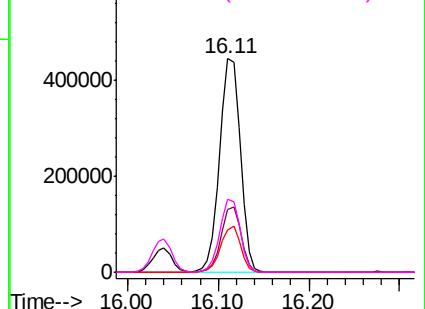
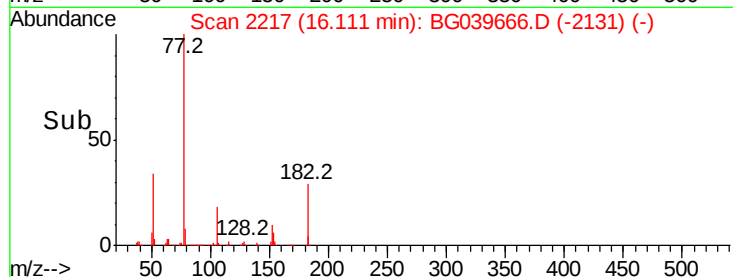


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.54 min Scan# 2460

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

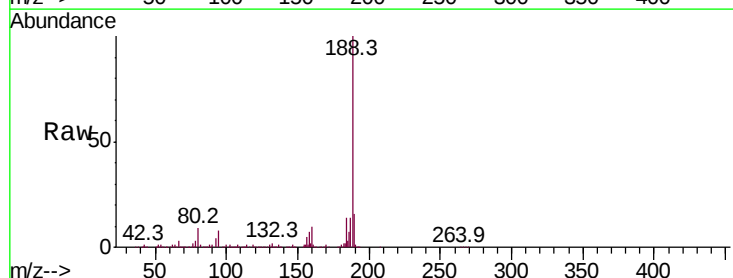
Tgt Ion: 188 Resp: 480152

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

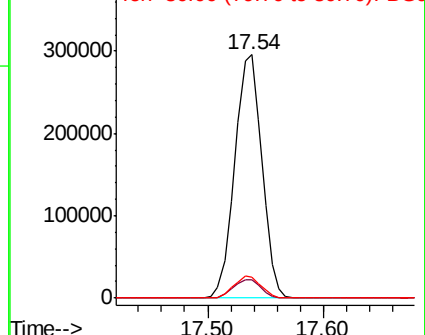
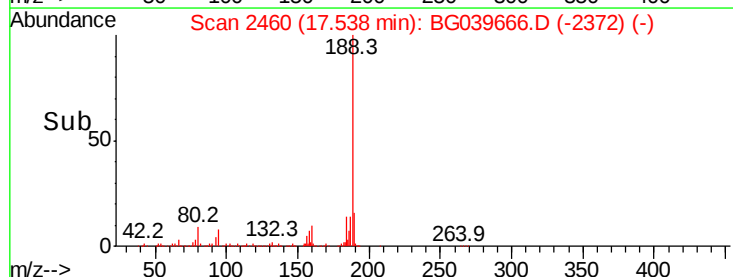
80 8.5 8.1 12.1

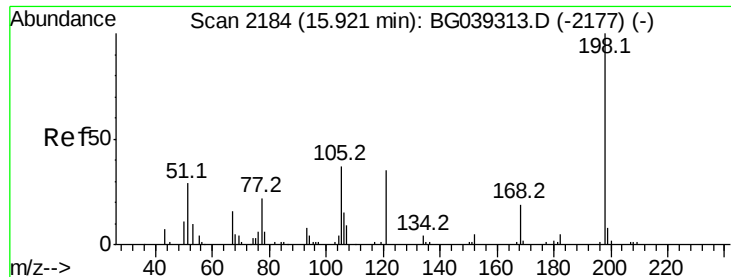


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 18.447 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampled :

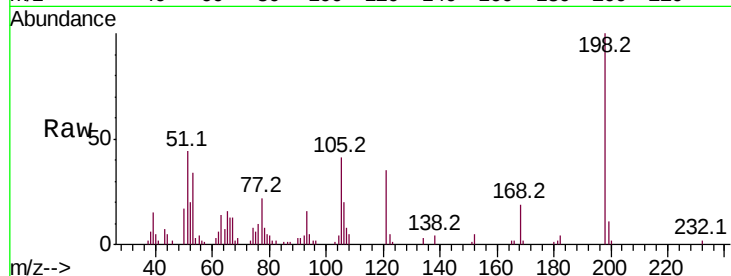
Tot Ion:198 Resp: 23847

Ion Ratio Lower Upper

198 100

51 44.0 27.4 67.4

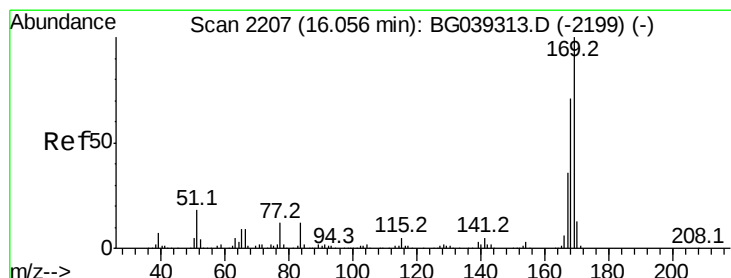
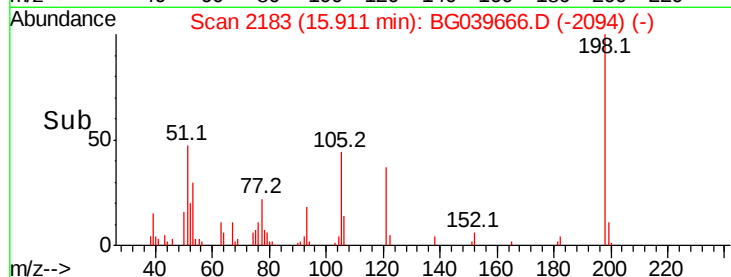
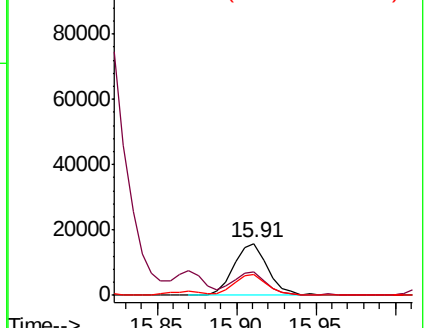
105 40.6 19.7 59.7



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: 46.305 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

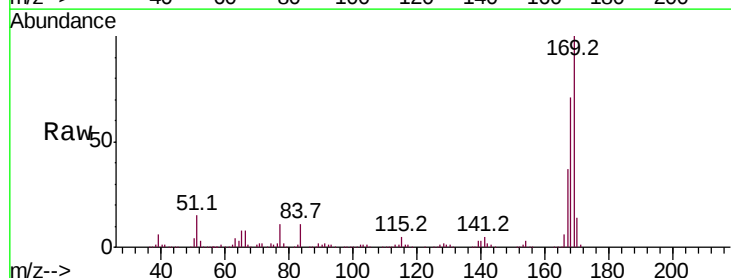
Tgt Ion:169 Resp: 676039

Ion Ratio Lower Upper

169 100

168 71.4 56.6 85.0

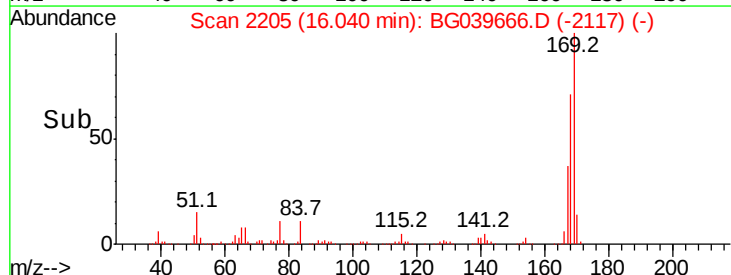
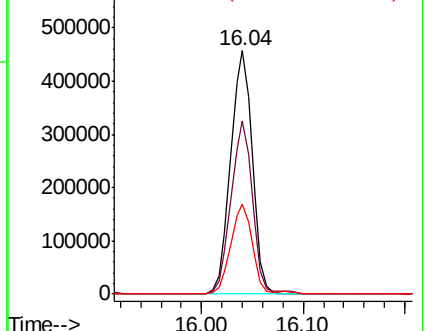
167 36.8 28.8 43.2

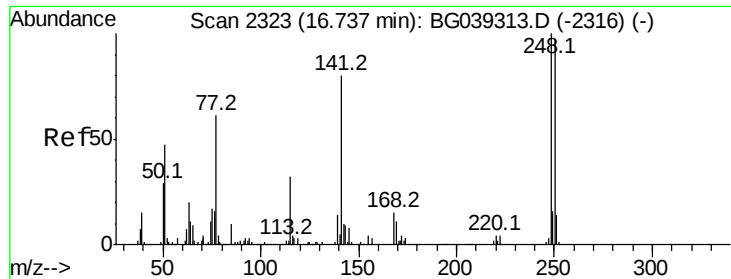


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

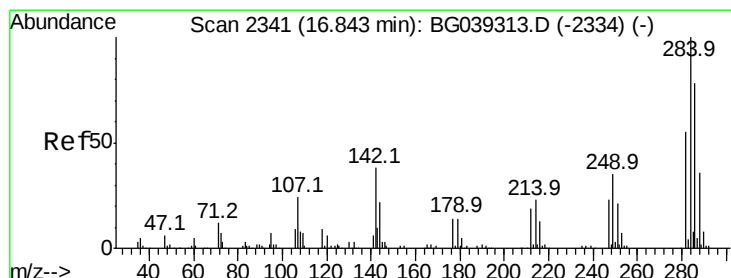
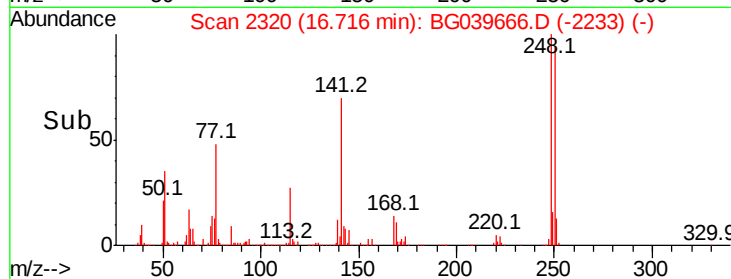
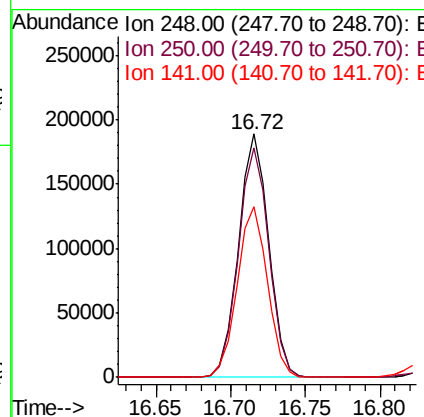
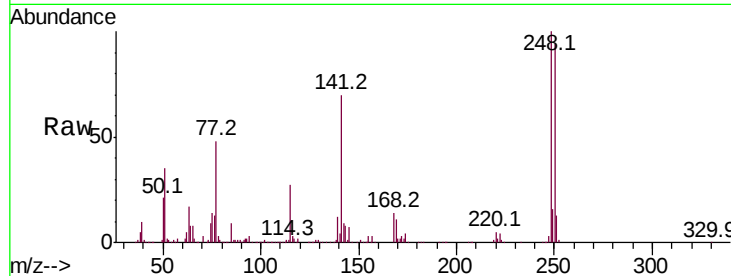




#67
 4-Bromophenyl-phenylether
 Concen: 49.907 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

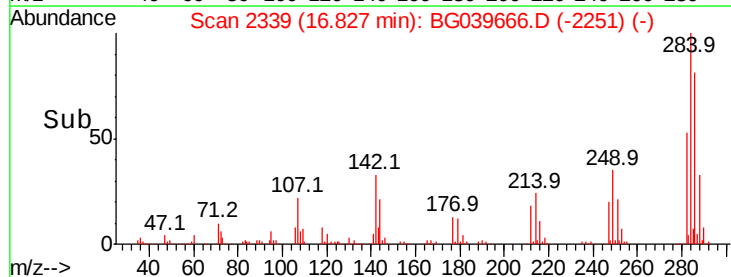
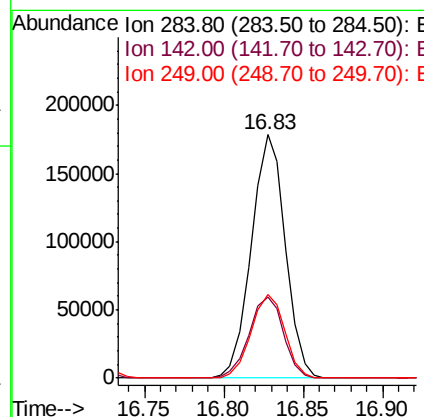
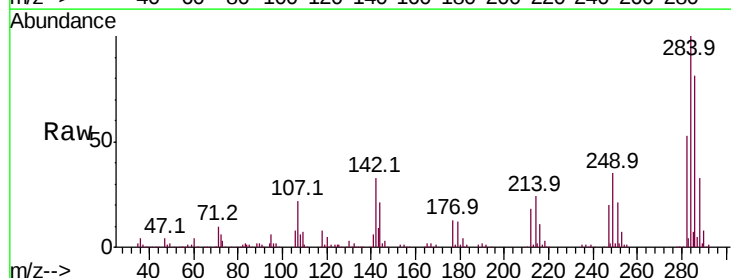
Instrument :
 BNA_G
 ClientSampled :

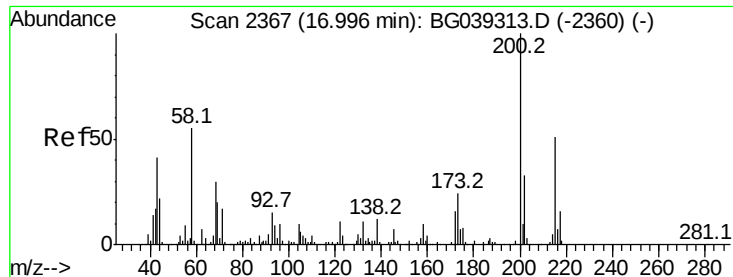
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.2	77.6	116.4
141	70.3	63.9	95.9



#68
 Hexachlorobenzene
 Concen: 49.559 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.02 min
 Lab File: BG039666.D
 Acq: 28 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	30.6	45.8
249	34.6	28.2	42.2





#69

Atrazine

Concen: 43.712 ng

RT: 16.97 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampled :

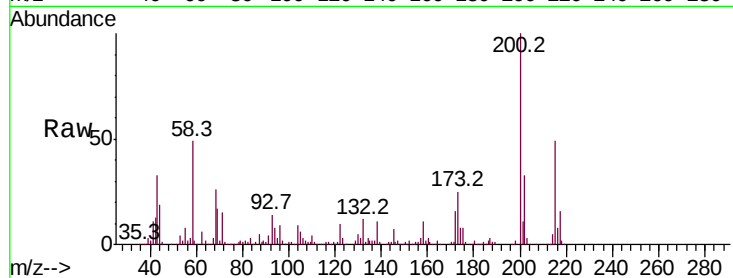
Tot Ion:200 Resp: 233221

Ion Ratio Lower Upper

200 100

173 24.5 3.9 43.9

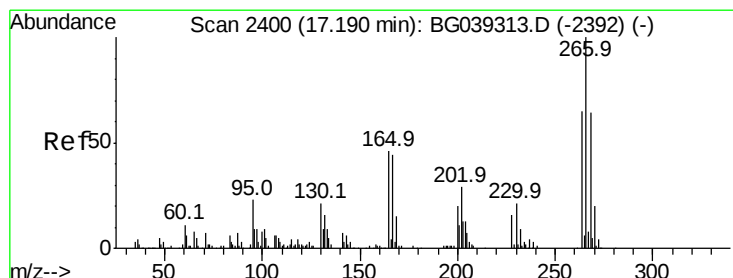
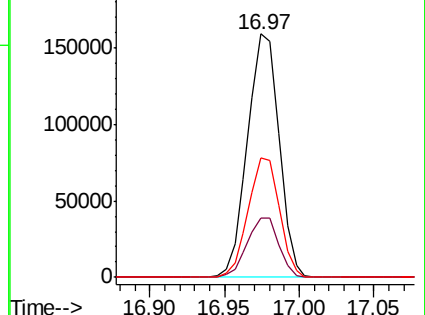
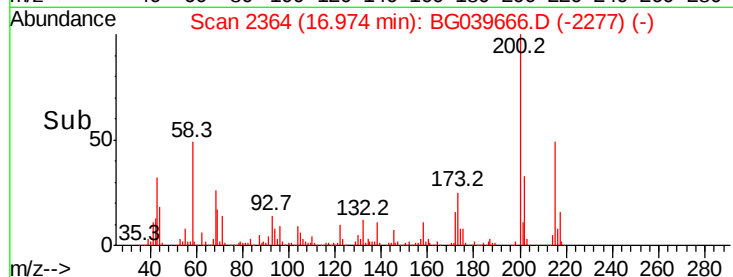
215 48.9 30.9 70.9



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: 48.199 ng

RT: 17.17 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

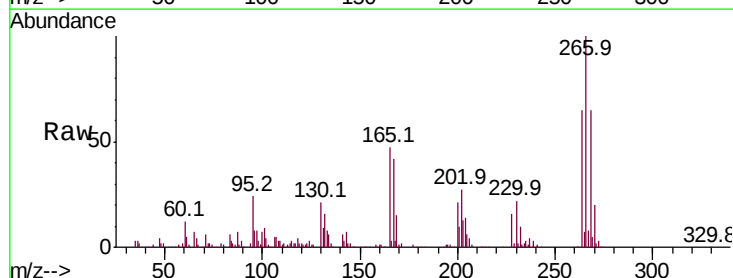
Tgt Ion:266 Resp: 179031

Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

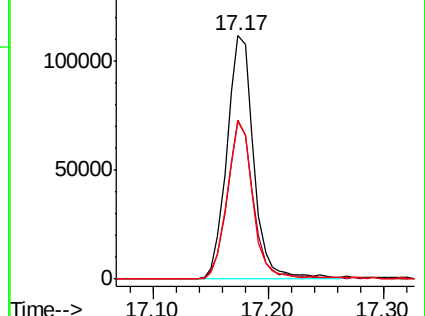
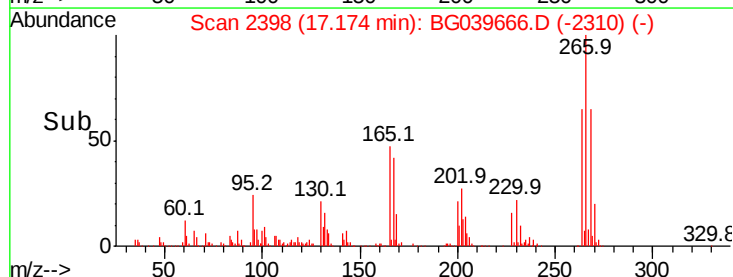
264 65.3 52.1 78.1

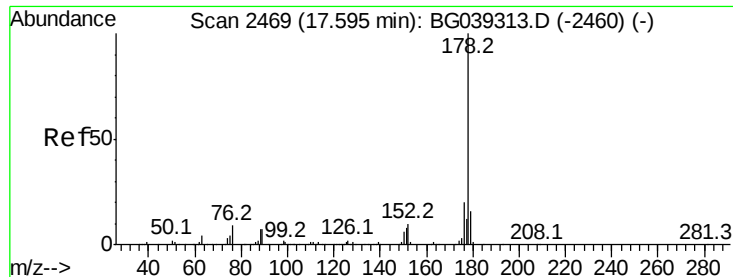


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

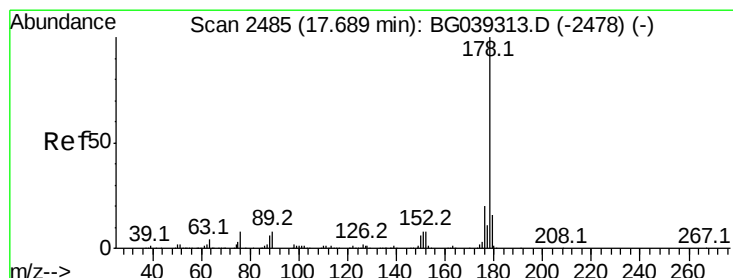
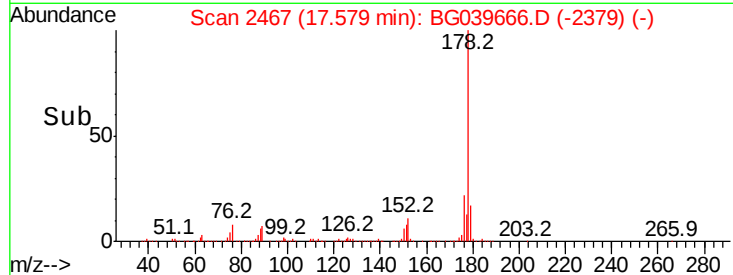
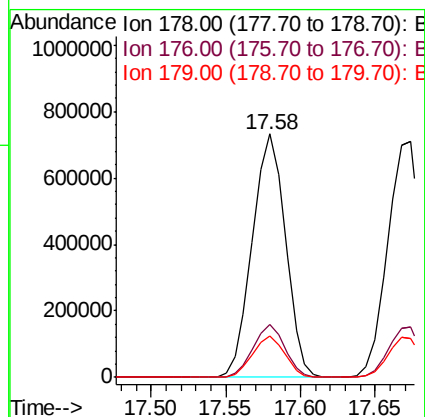
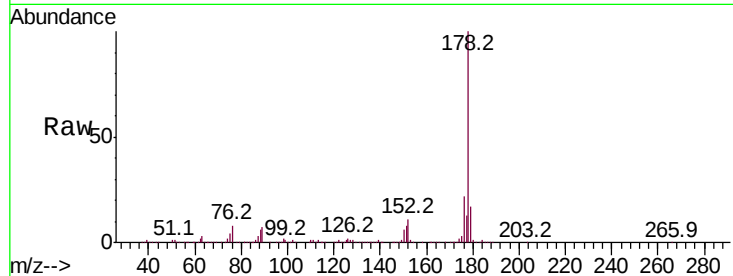




#71
Phenanthrene
Concen: 45.241 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

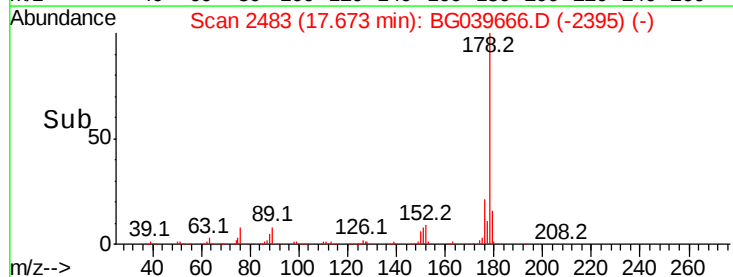
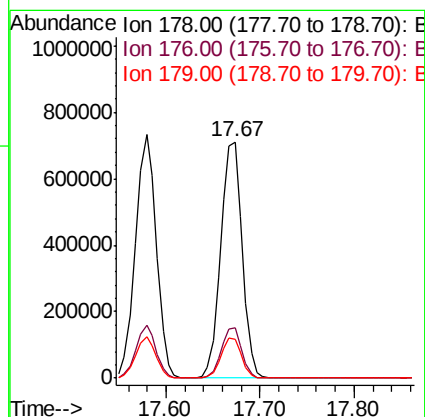
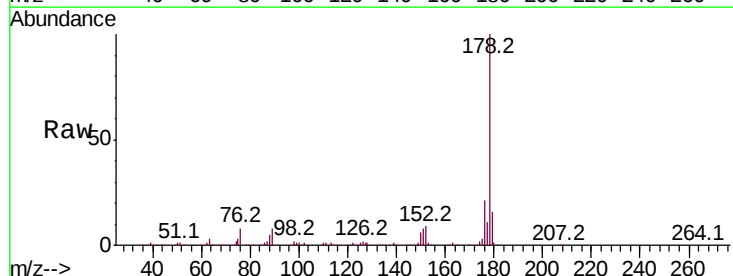
Instrument :
BNA_G
ClientSampled :

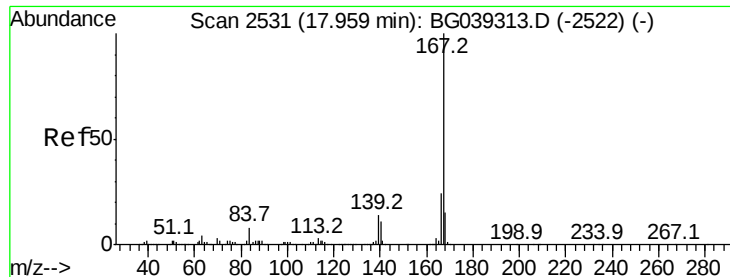
Tot Ion:178 Resp: 1124294
Ion Ratio Lower Upper
178 100
176 21.6 16.2 24.4
179 17.2 12.6 19.0



#72
Anthracene
Concen: 46.431 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.02 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion:178 Resp: 1136564
Ion Ratio Lower Upper
178 100
176 21.1 15.8 23.6
179 16.4 12.5 18.7





#73

Carbazole

Concen: 37.749 ng

RT: 17.94 min Scan# 2529

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

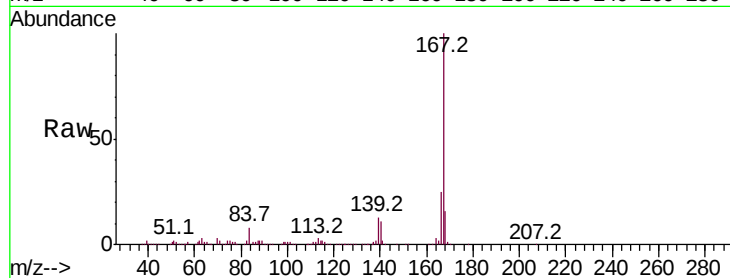
Tot Ion:167 Resp: 922172

Ion Ratio Lower Upper

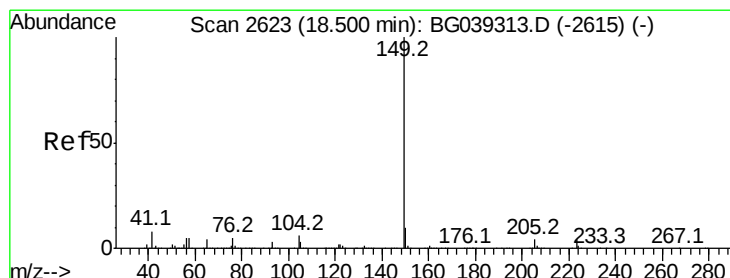
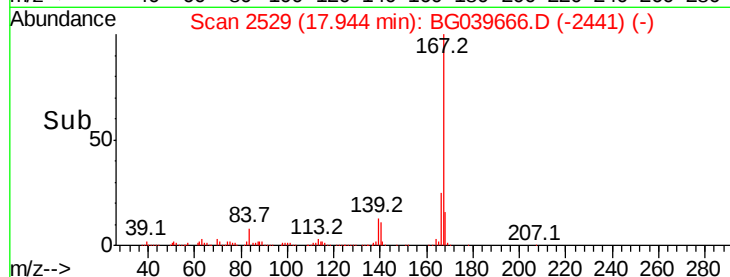
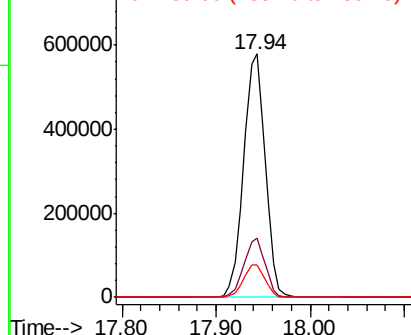
167 100

166 24.6 19.4 29.2

139 13.3 10.8 16.2



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



#74

Di-n-butylphthalate

Concen: 39.225 ng

RT: 18.47 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

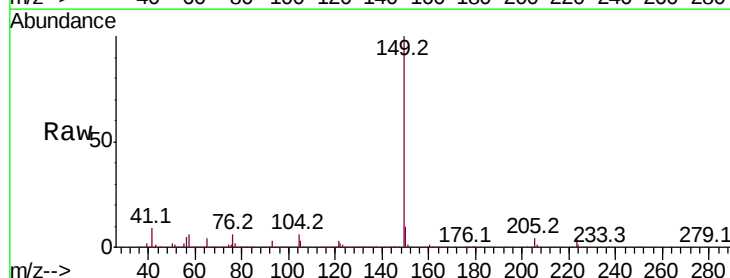
Tgt Ion:149 Resp: 1117924

Ion Ratio Lower Upper

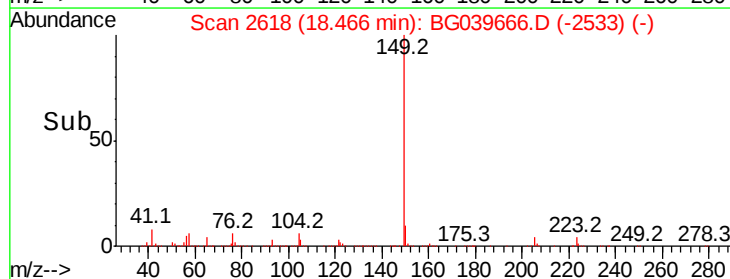
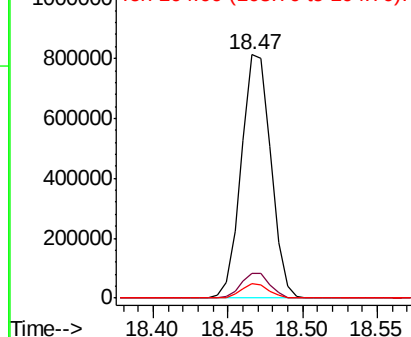
149 100

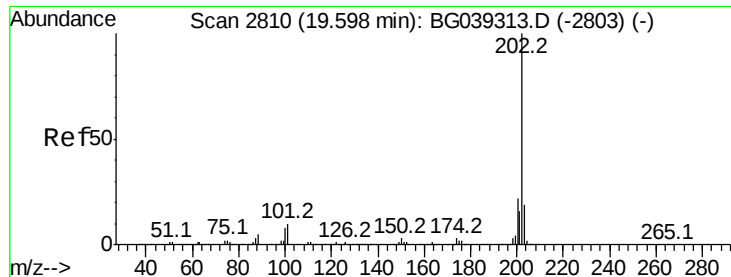
150 10.2 7.7 11.5

104 5.8 4.5 6.7



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





#75

Fluoranthene

Concen: 38.895 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

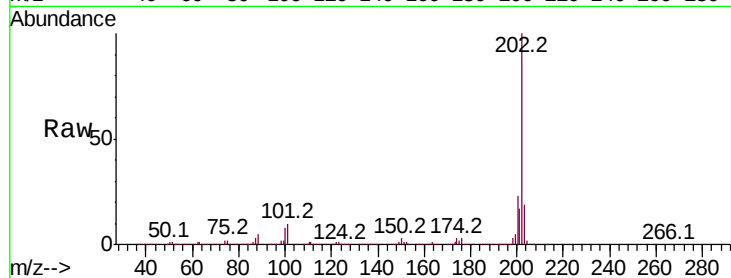
Tot Ion:202 Resp: 1121919

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

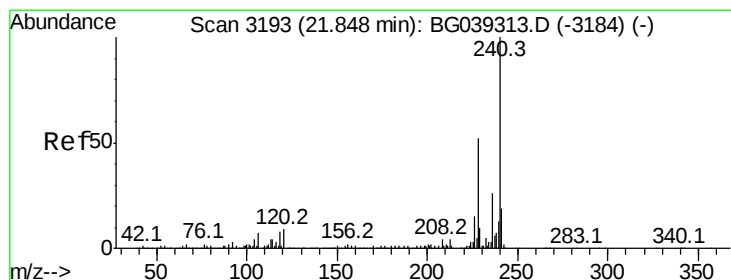
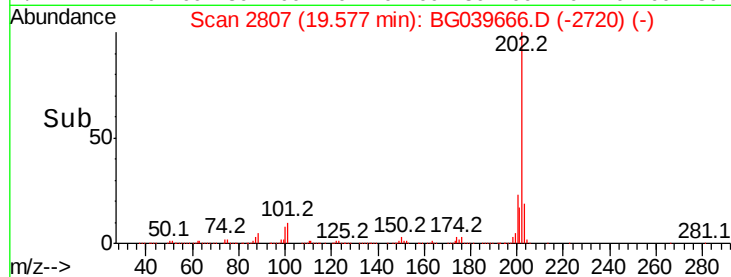
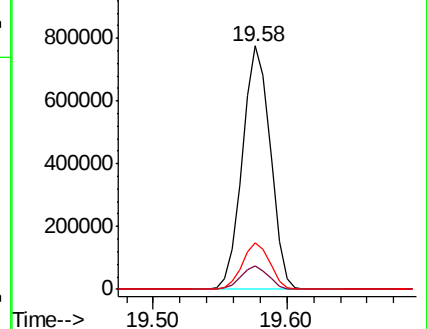
203 19.0 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

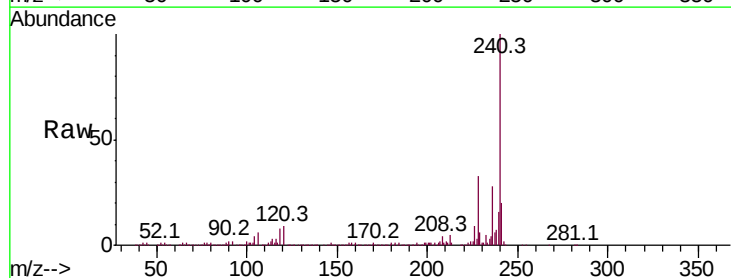
Tgt Ion:240 Resp: 377083

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

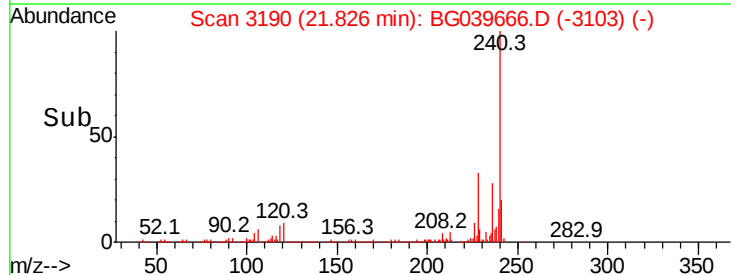
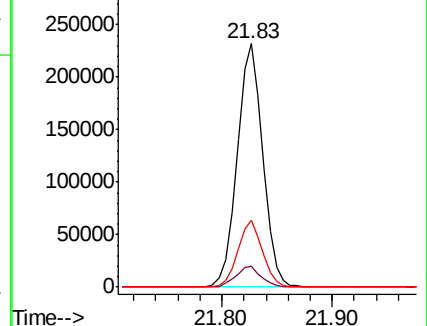
236 27.5 21.0 31.4

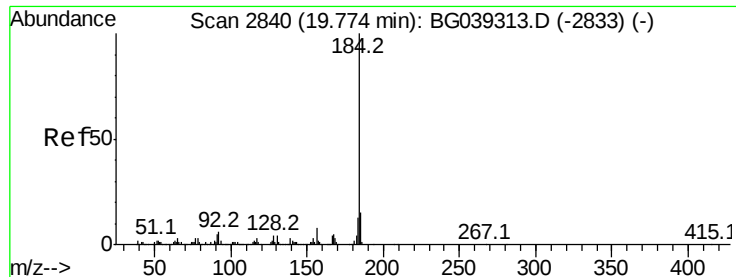


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.069 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

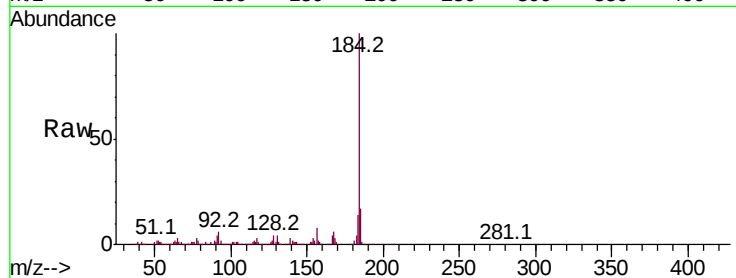
Tot Ion:184 Resp: 668444

Ion Ratio Lower Upper

184 100

185 16.6 12.2 18.2

183 14.1 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

19.76

400000

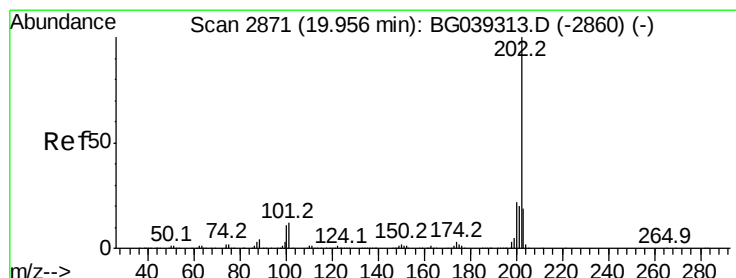
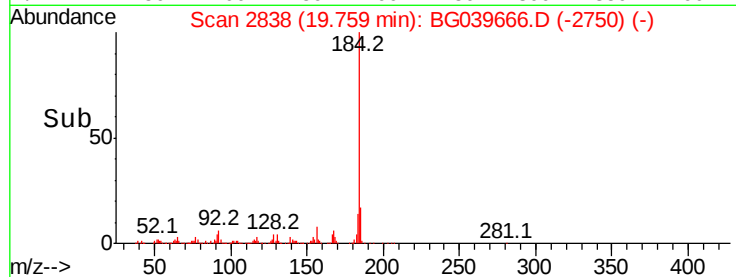
300000

200000

100000

0

Time-->



#78

Pyrene

Concen: 46.958 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.02 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

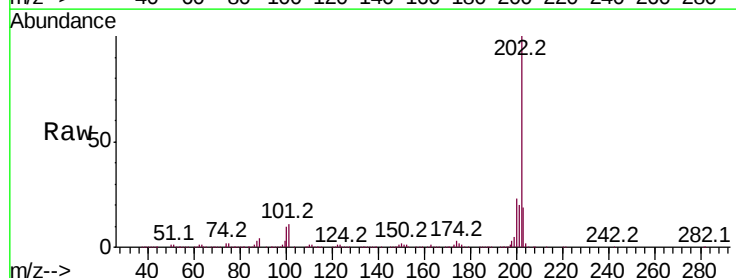
Tgt Ion:202 Resp: 1102313

Ion Ratio Lower Upper

202 100

200 23.1 17.8 26.8

203 19.2 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

19.94

800000

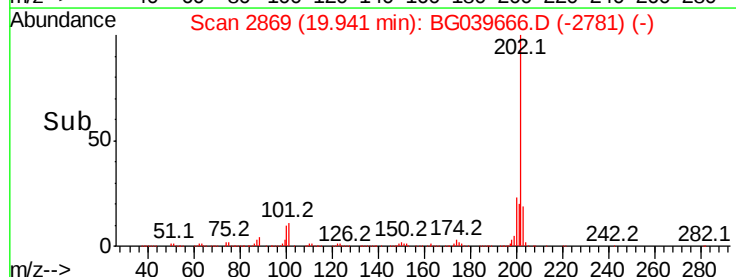
600000

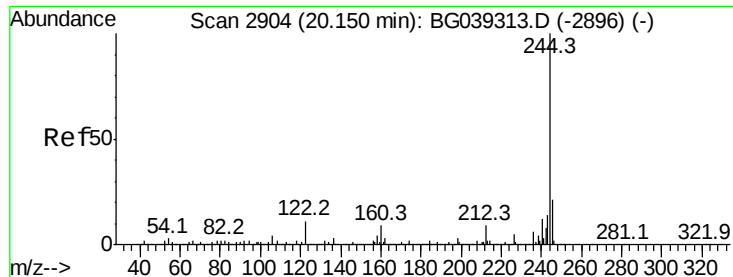
400000

200000

0

Time-->





#79

Terphenyl-d14

Concen: 84.559 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

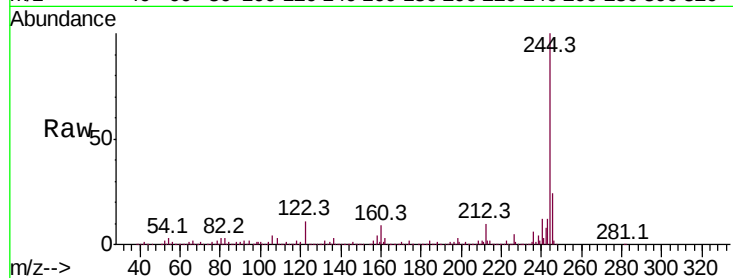
Tot Ion:244 Resp: 1506405

Ion Ratio Lower Upper

244 100

212 9.7 7.3 10.9

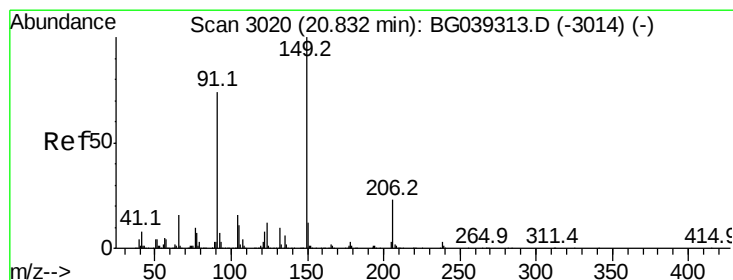
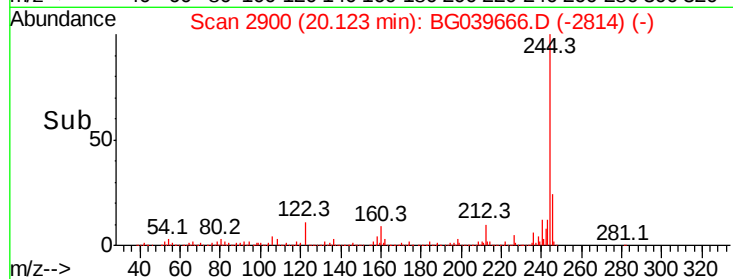
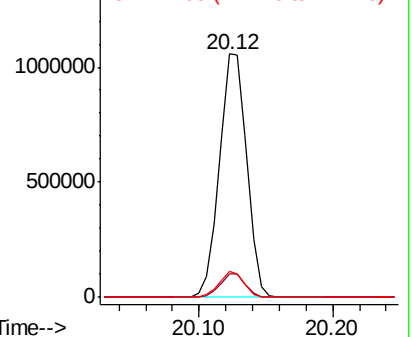
122 10.7 8.4 12.6



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: 46.829 ng

RT: 20.80 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

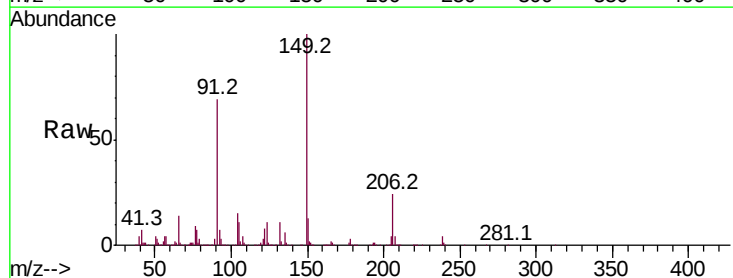
Tgt Ion:149 Resp: 463724

Ion Ratio Lower Upper

149 100

91 69.3 59.5 89.3

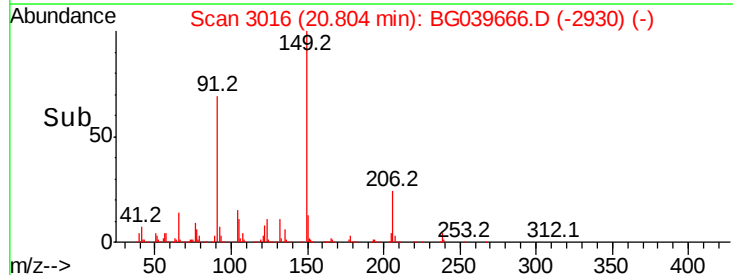
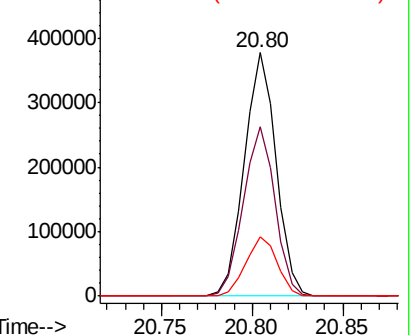
206 24.1 18.6 27.8

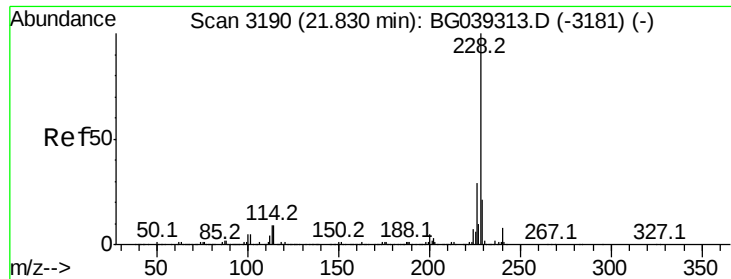


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

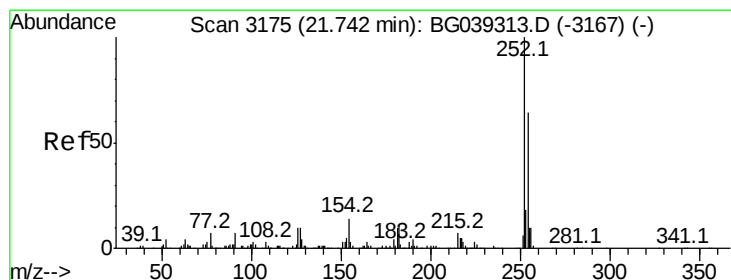
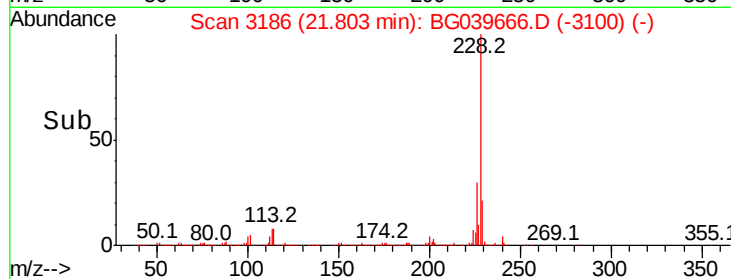
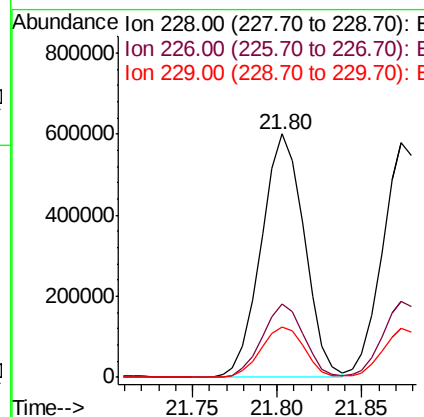
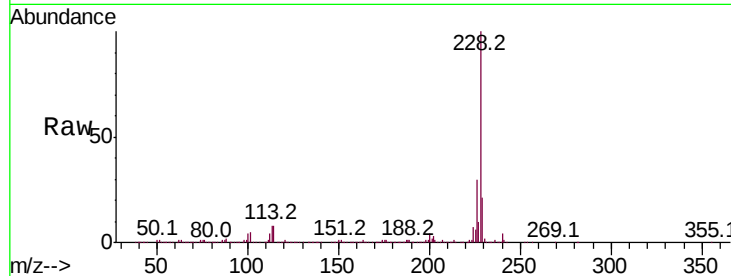




#81
Benzo(a)anthracene
Concen: 47.448 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

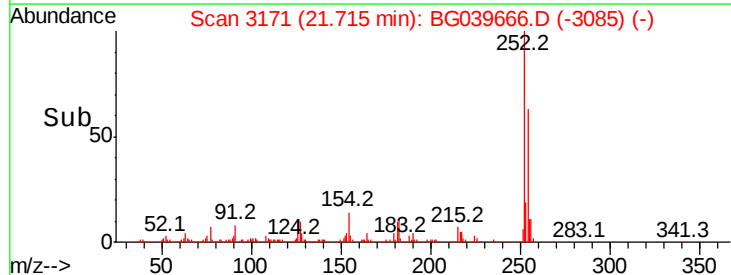
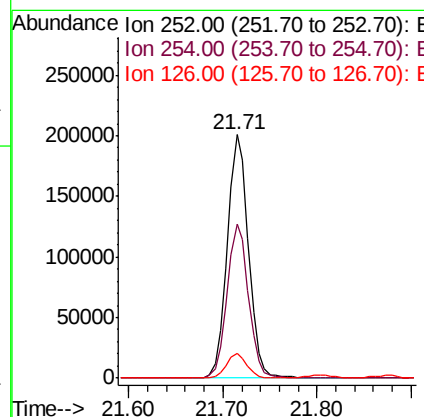
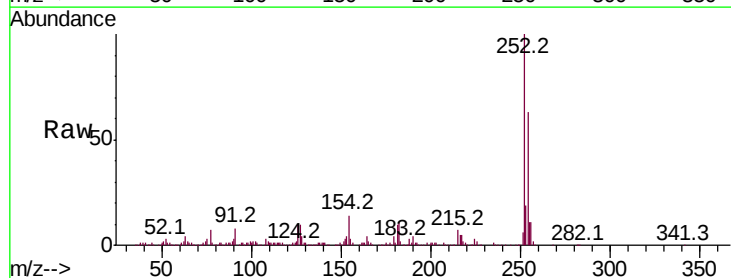
Instrument :
BNA_G
ClientSampleId :

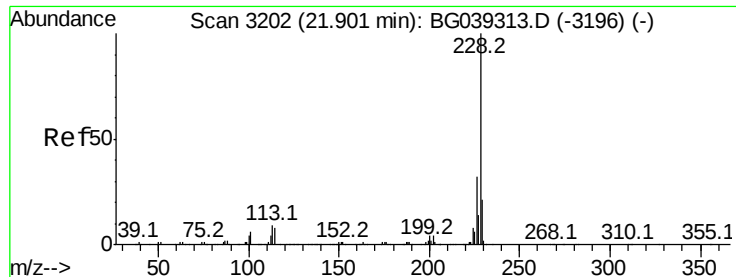
Tot Ion:228 Resp: 1057216
Ion Ratio Lower Upper
228 100
226 30.1 23.0 34.6
229 20.8 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 38.199 ng
RT: 21.71 min Scan# 3171
Delta R.T. -0.03 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion:252 Resp: 315593
Ion Ratio Lower Upper
252 100
254 63.5 51.3 76.9
126 10.3 8.0 12.0





#83

Chrysene

Concen: 46.657 ng

RT: 21.87 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

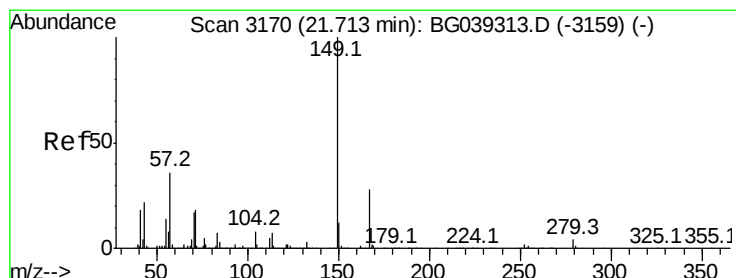
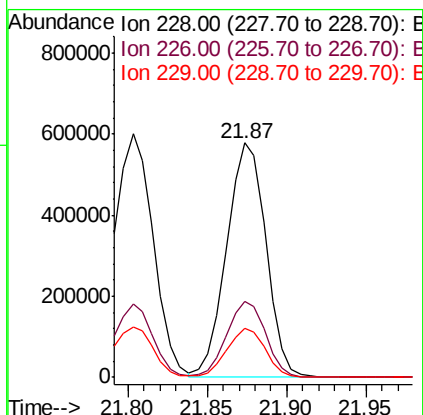
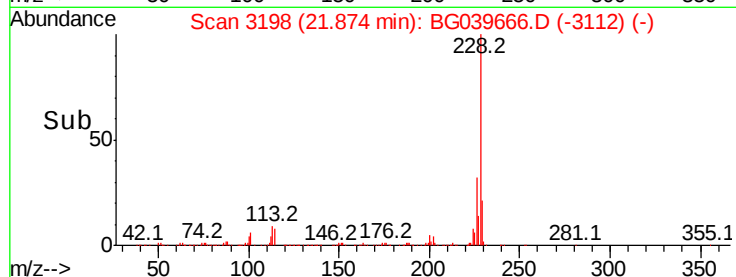
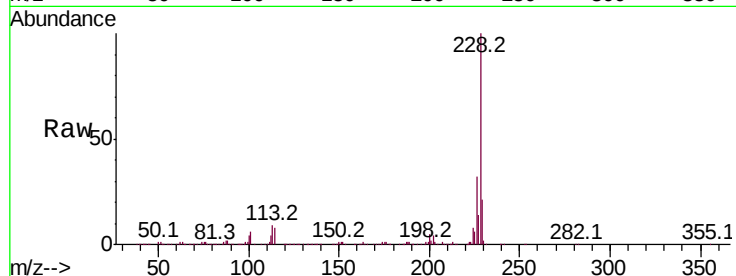
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 989636

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.8	38.6
229	21.1	16.6	25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.511 ng

RT: 21.67 min Scan# 3163

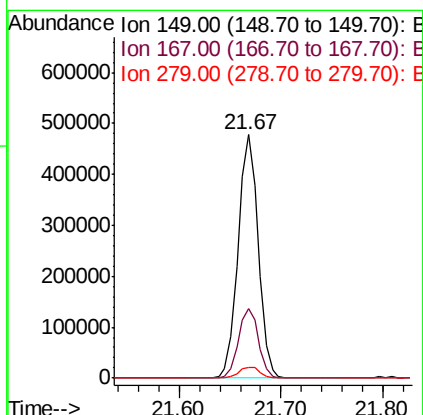
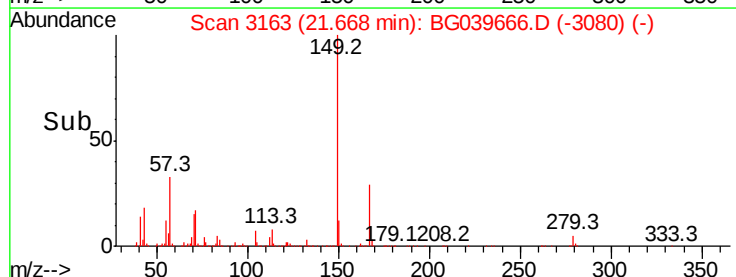
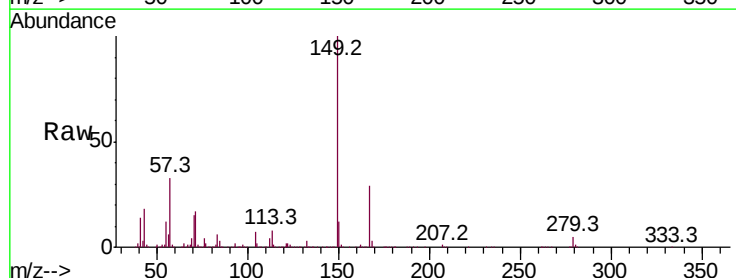
Delta R.T. -0.04 min

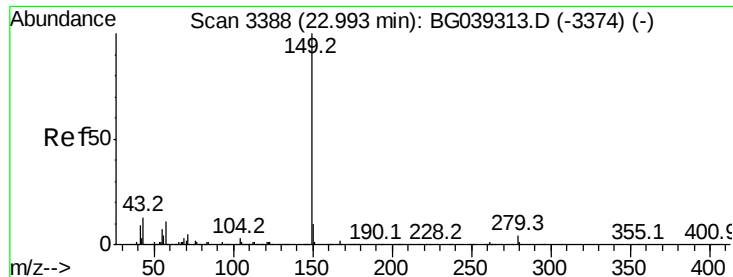
Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Tgt Ion:149 Resp: 657067

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	34.0
279	4.6	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 48.014 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.07 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

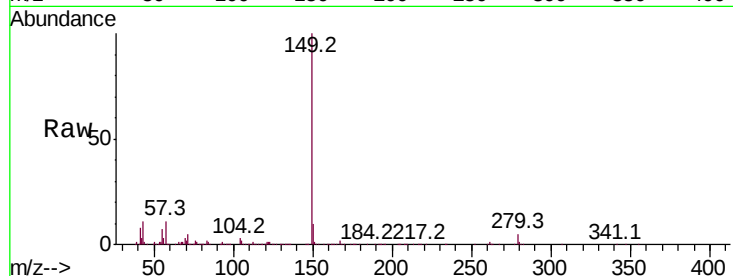
Tot Ion:149 Resp: 1120611

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

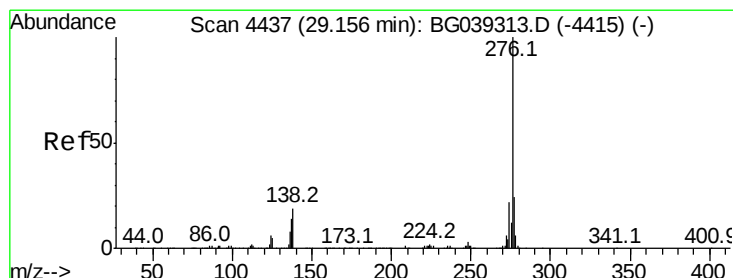
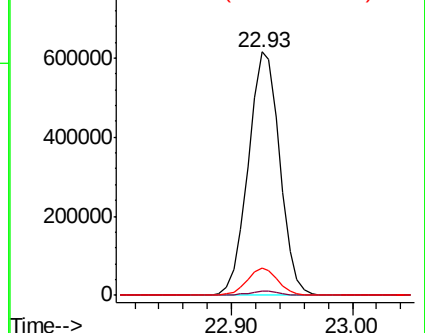
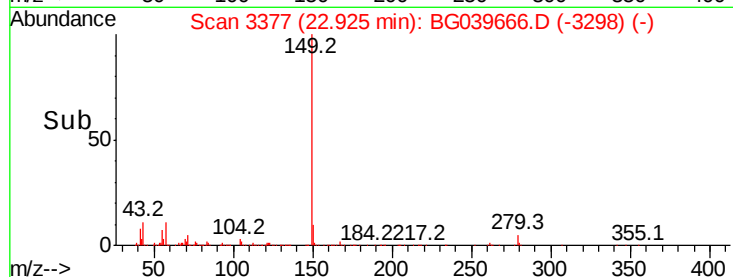
43 10.8 10.2 15.4



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: 54.393 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

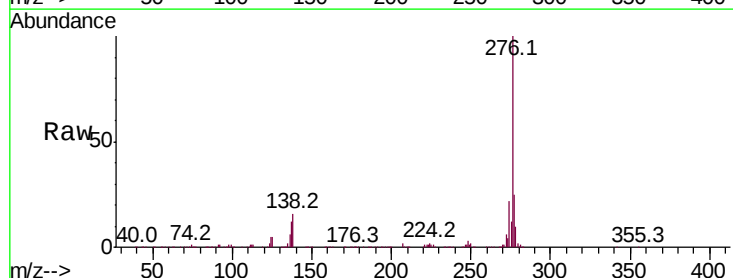
Tgt Ion:276 Resp: 1237841

Ion Ratio Lower Upper

276 100

138 12.4 12.6 19.0#

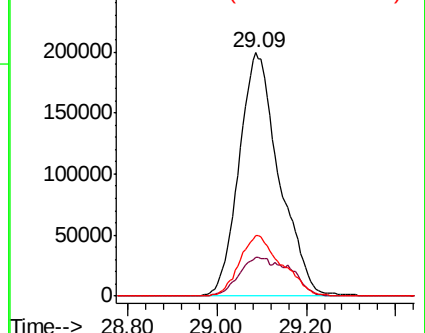
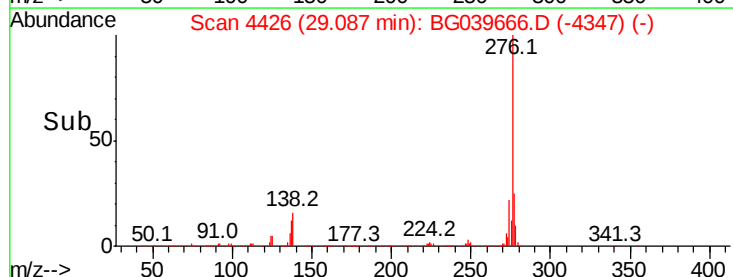
277 26.3 20.8 31.2

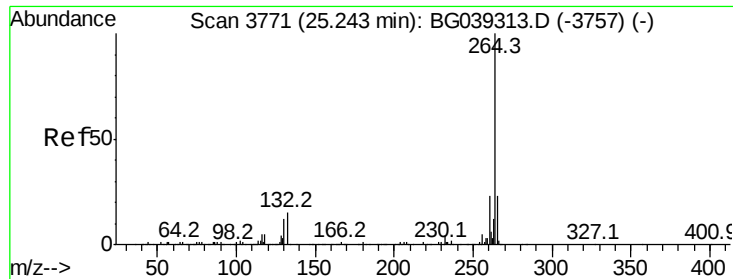


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039666.D

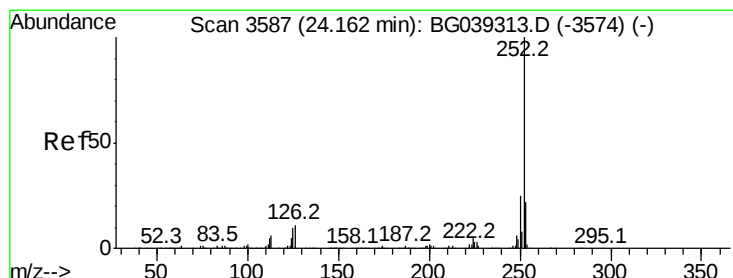
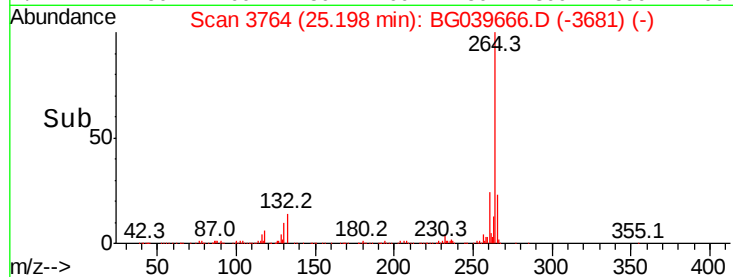
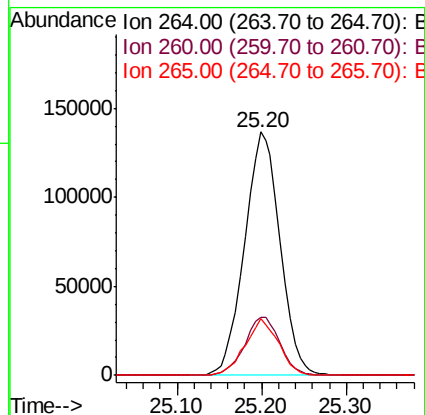
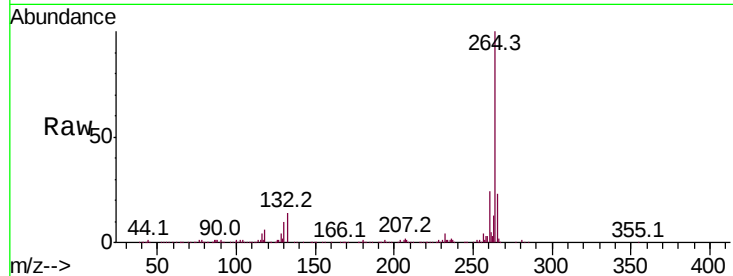
Acq: 28 Feb 2019 18:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:264	Resp:	398487
Ion Ratio	Lower	Upper
264	100	
260	23.6	18.2 27.4
265	23.3	18.5 27.7



#88

Benzo(b)fluoranthene

Concen: 48.643 ng

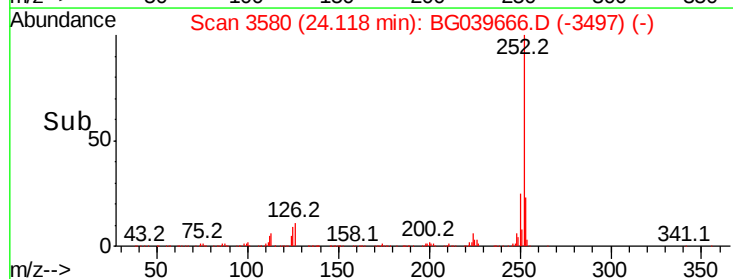
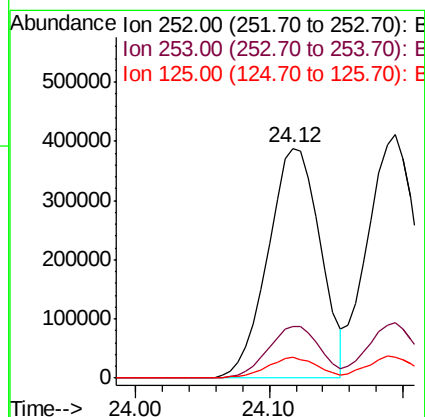
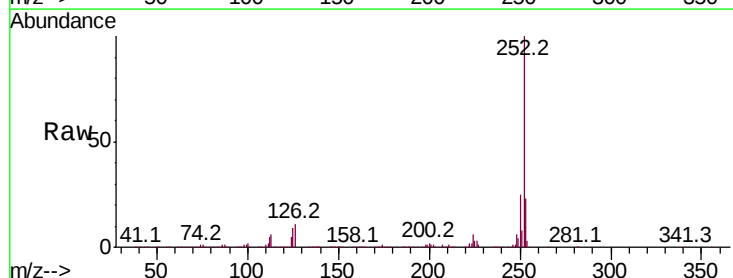
RT: 24.12 min Scan# 3580

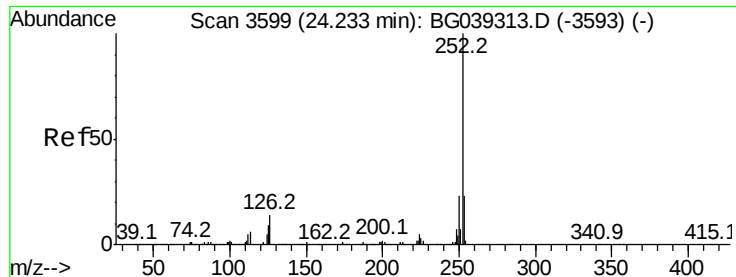
Delta R.T. -0.04 min

Lab File: BG039666.D

Acq: 28 Feb 2019 18:58

Tgt Ion:252	Resp:	1057107
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.8 26.8
125	9.0	7.8 11.6

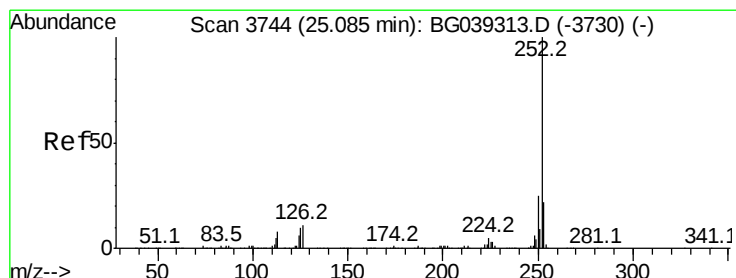
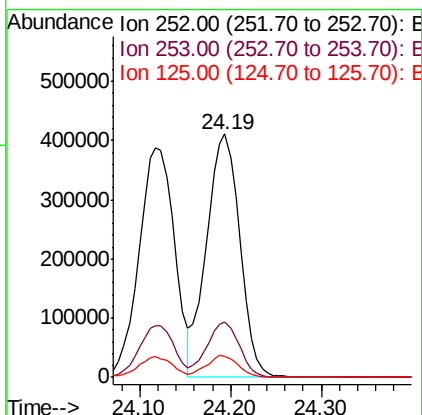
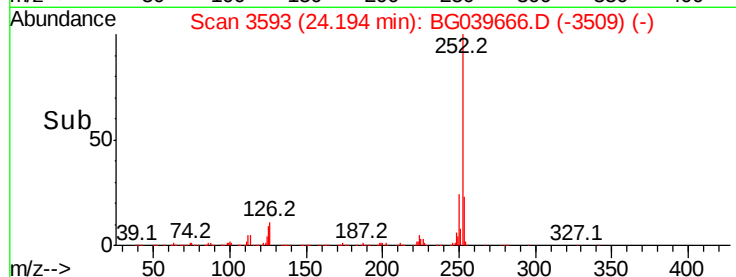
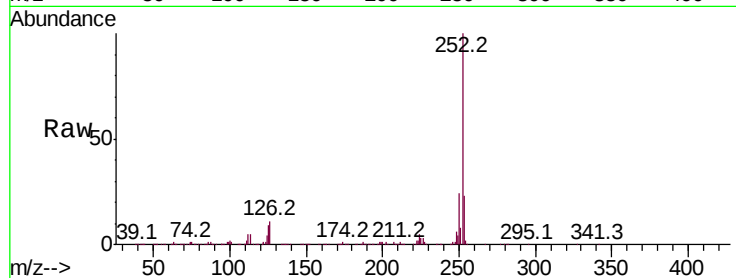




#89
Benzo(k)fluoranthene
Concen: 47.940 ng
RT: 24.19 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

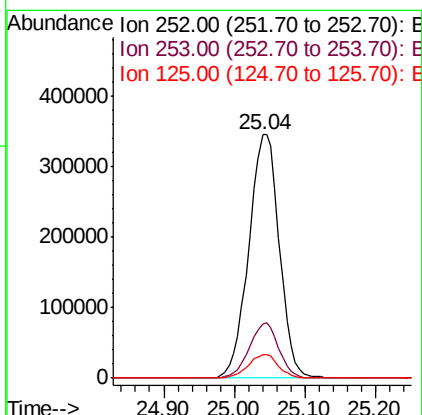
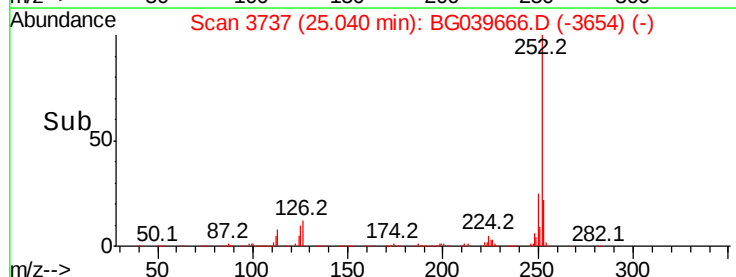
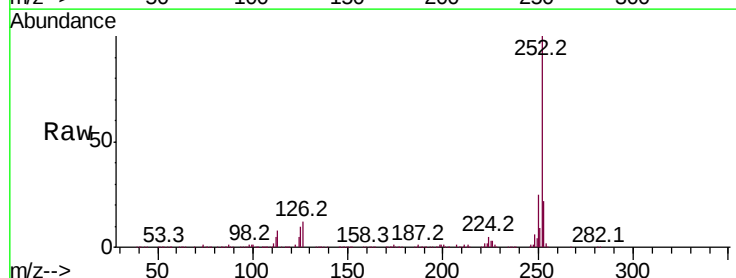
Instrument :
BNA_G
ClientSampleId :

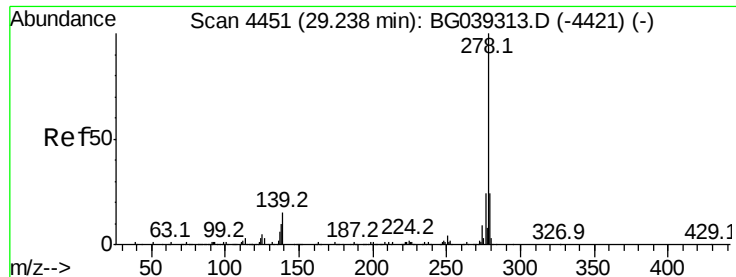
Tot Ion:252 Resp: 1045961
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 8.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 49.740 ng
RT: 25.04 min Scan# 3737
Delta R.T. -0.04 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion:252 Resp: 1041013
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 9.6 8.3 12.5



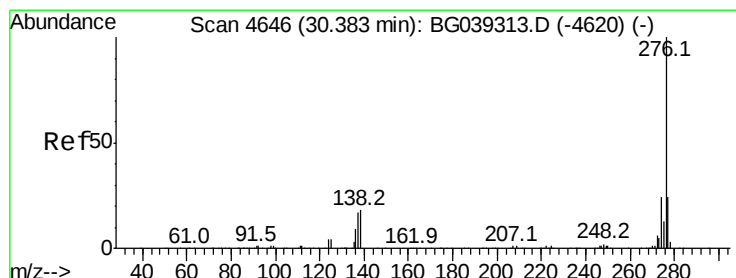
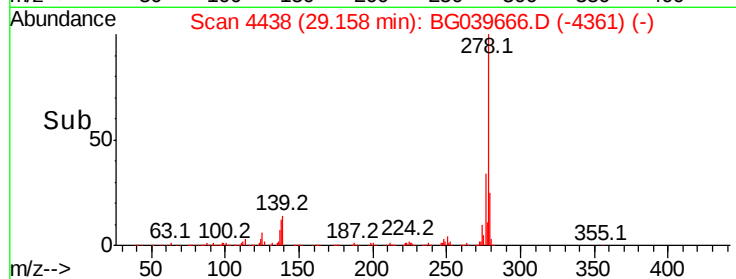
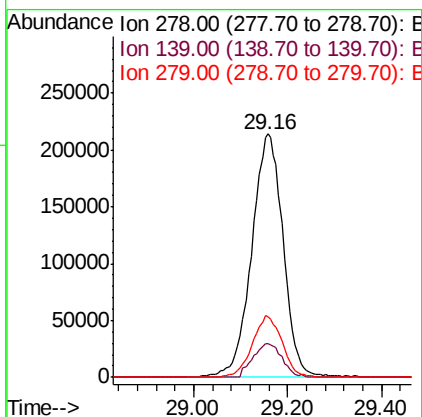
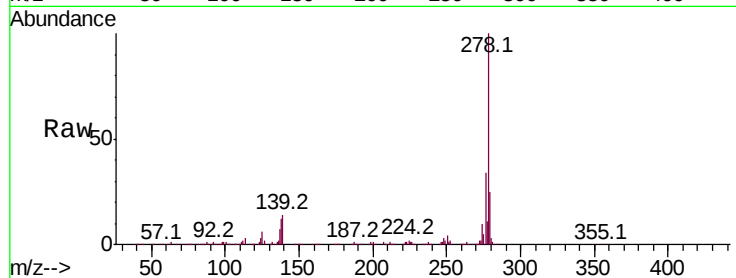


#91
Dibenzo(a,h)anthracene
Concen: 50.806 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.08 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 995816

Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.7	17.5
279	25.1	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 51.879 ng
RT: 30.32 min Scan# 4636
Delta R.T. -0.06 min
Lab File: BG039666.D
Acq: 28 Feb 2019 18:58

Tgt Ion:276 Resp: 1013517

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	17.9	14.7	22.1

