

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039328.D
 Acq On : 30 Jan 2019 15:13
 Operator : JU/SJ
 Sample : PB116707BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 17:19:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	40969	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	180561	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	121155	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	298590	20.00	ng	0.00
76) Chrysene-d12	21.85	240	308503	20.00	ng	0.00
87) Perylene-d12	25.24	264	308743	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	348766	145.70	ng	0.00
7) Phenol-d6	7.32	99	500917	142.16	ng	0.00
23) Nitrobenzene-d5	9.36	82	258434	89.41	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	179931	137.92	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	661547	78.33	ng	0.00
79) Terphenyl-d14	20.15	244	1151634	79.02	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.61	88	51394	49.083	ng	99
3) Pyridine	4.01	79	107872	38.911	ng	96
4) n-Nitrosodimethylamine	3.93	42	60914	43.936	ng	94
6) Aniline	7.51	93	136584	30.947	ng	99
8) 2-Chlorophenol	7.74	128	120611	46.095	ng	97
9) Benzaldehyde	7.32	77	29750	13.391	ng	92
10) Phenol	7.35	94	170799	46.501	ng	98
11) bis(2-Chloroethyl)ether	7.60	93	116827	40.253	ng	98
12) 1,3-Dichlorobenzene	8.07	146	124539	39.290	ng	96
13) 1,4-Dichlorobenzene	8.22	146	128239	40.590	ng	98
14) 1,2-Dichlorobenzene	8.54	146	121727	39.799	ng	99
15) Benzyl Alcohol	8.42	79	119737	43.285	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	248652	37.938	ng	98
17) 2-Methylphenol	8.61	107	109506	46.071	ng	97
18) Hexachloroethane	9.27	117	43954	40.438	ng	97
19) n-Nitroso-di-n-propylamine	8.99	70	97477	38.978	ng	99
20) 3+4-Methylphenols	8.93	107	150682	46.036	ng	98
22) Acetophenone	9.01	105	180371	37.189	ng	97
24) Nitrobenzene	9.40	77	140141	44.882	ng	99
25) Isophorone	9.92	82	274901	42.921	ng	98
26) 2-Nitrophenol	10.11	139	57364	47.240	ng	97
27) 2,4-Dimethylphenol	10.15	122	132601	51.179	ng	98
28) bis(2-Chloroethoxy)methane	10.40	93	167503	42.459	ng	97
29) 2,4-Dichlorophenol	10.64	162	130653	46.139	ng	98
30) 1,2,4-Trichlorobenzene	10.86	180	130181	40.948	ng	99
31) Naphthalene	11.06	128	381547	42.595	ng	99
32) Benzoic acid	10.27	122	80212	47.414	ng	97
33) 4-Chloroaniline	11.16	127	83169	20.025	ng	98
34) Hexachlorobutadiene	11.32	225	82695	39.113	ng	94
35) Caprolactam	11.95	113	26789	22.862	ng	92
36) 4-Chloro-3-methylphenol	12.25	107	145915	44.556	ng	99
37) 2-Methylnaphthalene	12.65	142	287549	43.342	ng	99
38) 1-Methylnaphthalene	12.86	142	273552	42.774	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	152327	39.516	ng	97

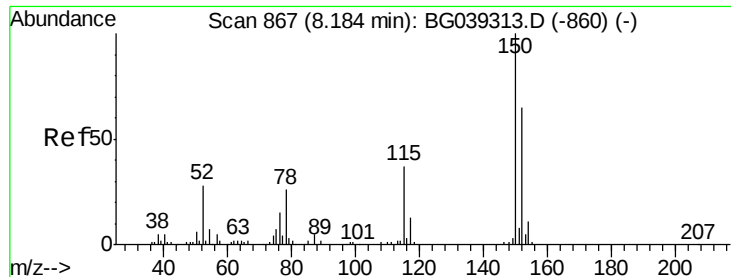
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	209506	99.739	ng	98
43) 2,4,6-Trichlorophenol	13.24	196	107451	45.335	ng	99
44) 2,4,5-Trichlorophenol	13.31	196	114100	45.932	ng	97
46) 1,1'-Biphenyl	13.64	154	387242	38.415	ng	99
47) 2-Chloronaphthalene	13.69	162	295225	38.931	ng	99
48) 2-Nitroaniline	13.89	65	95159	44.429	ng	99
49) Acenaphthylene	14.53	152	485457	42.426	ng	99
50) Dimethylphthalate	14.26	163	397043	40.577	ng	99
51) 2,6-Dinitrotoluene	14.38	165	82139	45.337	ng	97
52) Acenaphthene	14.87	154	300829	40.502	ng	95
53) 3-Nitroaniline	14.71	138	52107	29.012	ng	91
54) 2,4-Dinitrophenol	14.91	184	79740	91.886	ng	95
55) Dibenzofuran	15.20	168	476019	39.972	ng	100
56) 4-Nitrophenol	15.00	139	156276	87.728	ng	94
57) 2,4-Dinitrotoluene	15.16	165	114500	48.735	ng	92
58) Fluorene	15.85	166	378623	42.649	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.42	232	114423	49.195	ng	99
60) Diethylphthalate	15.61	149	411315	40.656	ng	98
61) 4-Chlorophenyl-phenylether	15.84	204	196091	39.009	ng	96
62) 4-Nitroaniline	15.88	138	88405	43.515	ng	98
63) Azobenzene	16.13	77	379040	38.332	ng	98
65) 4,6-Dinitro-2-methylphenol	15.92	198	58838	49.422	ng	96
66) n-Nitrosodiphenylamine	16.05	169	349138	38.455	ng	99
67) 4-Bromophenyl-phenylether	16.73	248	126126	38.076	ng	94
68) Hexachlorobenzene	16.84	284	133703	40.230	ng	95
69) Atrazine	16.99	200	144660	43.600	ng	95
70) Pentachlorophenol	17.19	266	180803	78.274	ng	97
71) Phenanthrene	17.59	178	641177	41.489	ng	99
72) Anthracene	17.69	178	659969	43.355	ng	99
73) Carbazole	17.96	167	594439	39.129	ng	97
74) Di-n-butylphthalate	18.50	149	725563	40.939	ng	99
75) Fluoranthene	19.60	202	791045	44.100	ng	99
77) Benzidine	19.77	184	280344	27.717	ng	99
78) Pyrene	19.95	202	796412	41.469	ng	99
80) Butylbenzylphthalate	20.83	149	331528	40.922	ng	98
81) Benzo(a)anthracene	21.83	228	772021	42.351	ng	99
82) 3,3'-Dichlorobenzidine	21.73	252	151710	22.445	ng	100
83) Chrysene	21.90	228	710477	40.942	ng	98
84) Bis(2-ethylhexyl)phthalate	21.71	149	466327	40.347	ng	99
85) Di-n-octyl phthalate	22.98	149	802515	42.028	ng	98
86) Indeno(1,2,3-cd)pyrene	29.14	276	836594	44.934	ng	99
88) Benzo(b)fluoranthene	24.15	252	748914	44.479	ng	99
89) Benzo(k)fluoranthene	24.23	252	724023	42.830	ng	99
90) Benzo(a)pyrene	25.08	252	725062	44.713	ng	99
91) Dibenzo(a,h)anthracene	29.23	278	676828	44.569	ng	98
92) Benzo(g,h,i)perylene	30.37	276	686317	45.342	ng	99

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

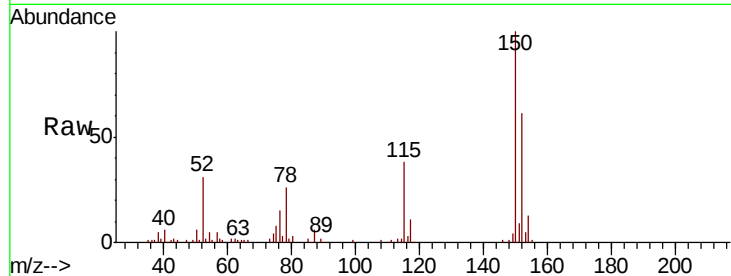


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	123.7	185.5
115	62.3	45.9	68.9

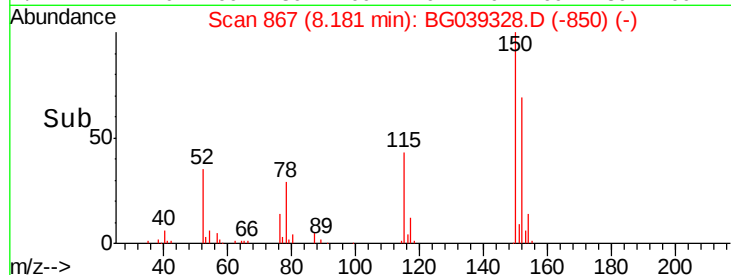
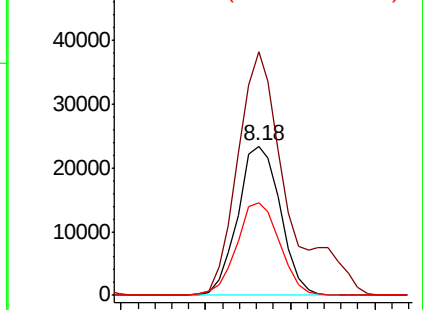


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

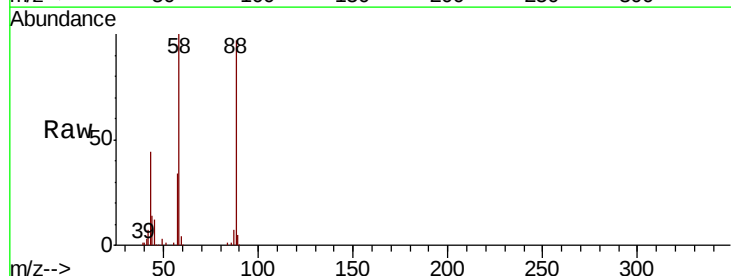
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 49.083 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.6	81.1	121.7
43	41.4	31.4	47.0

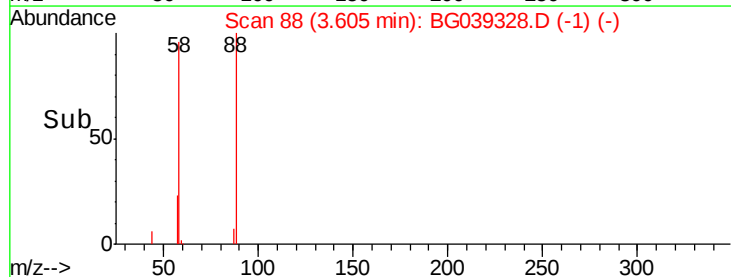
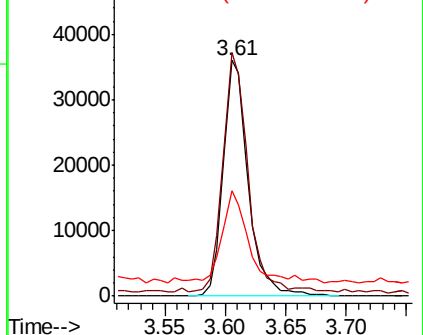


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.911 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

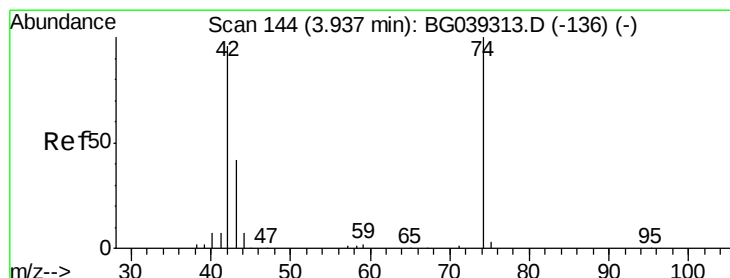
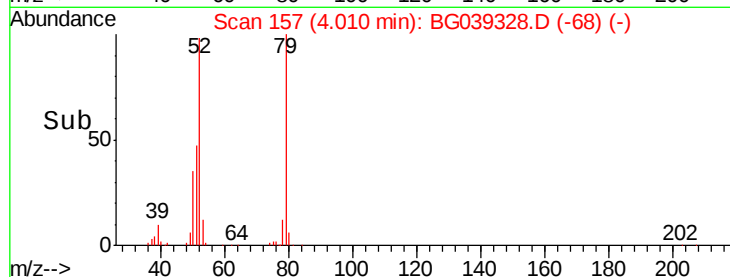
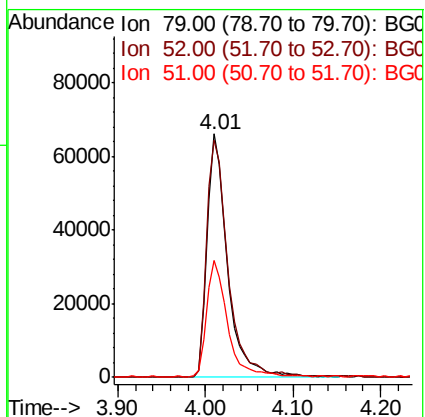
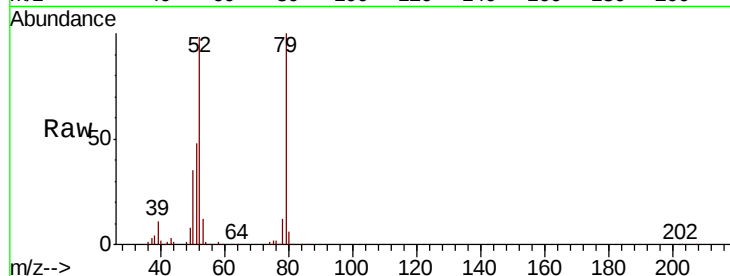
Tot Ion: 79 Resp: 107872

Ion Ratio Lower Upper

79 100

52 97.5 82.6 124.0

51 47.9 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 43.936 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

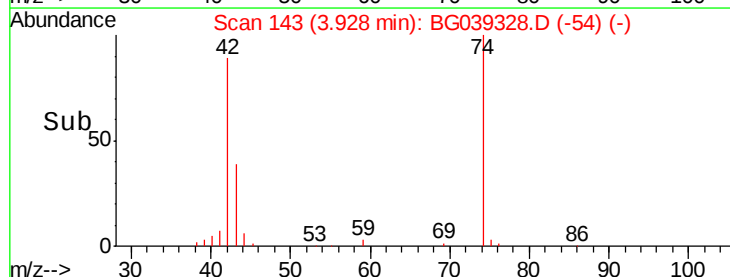
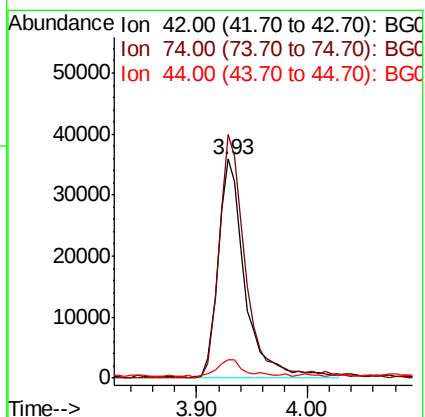
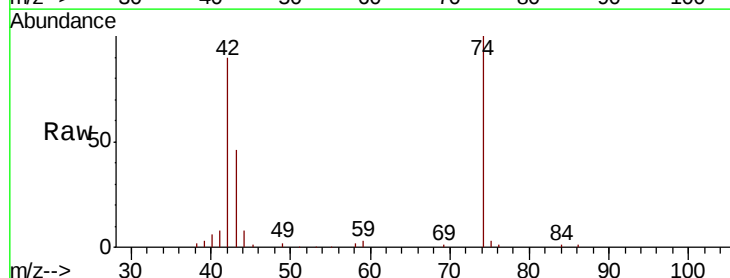
Tgt Ion: 42 Resp: 60914

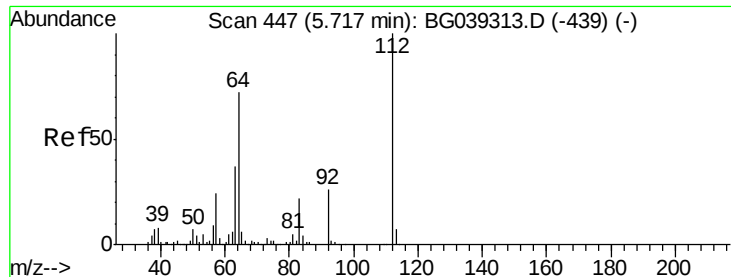
Ion Ratio Lower Upper

42 100

74 111.3 83.6 125.4

44 8.6 6.9 10.3





#5

2-Fluorophenol

Concen: 145.699 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampled :

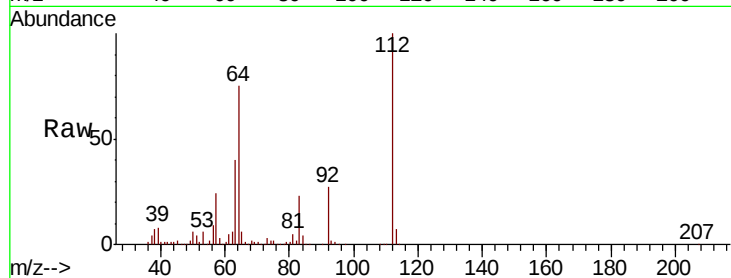
Tot Ion:112 Resp: 348766

Ion Ratio Lower Upper

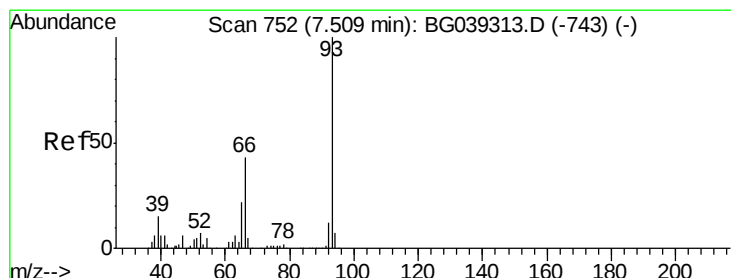
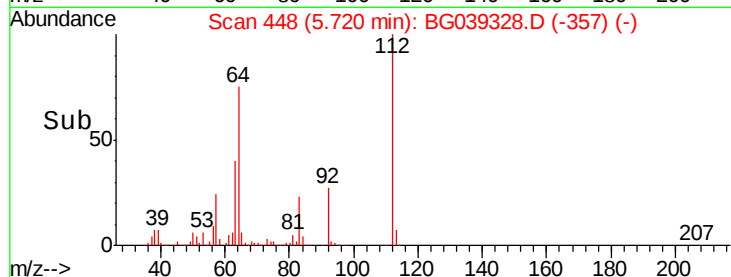
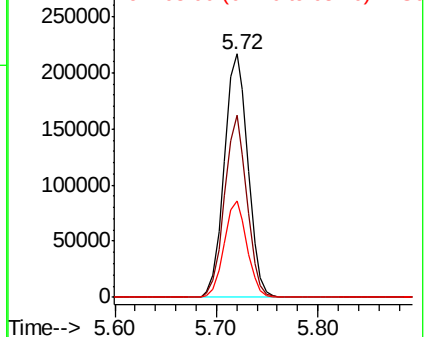
112 100

64 74.6 57.8 86.8

63 39.7 29.8 44.6



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



#6

Aniline

Concen: 30.947 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

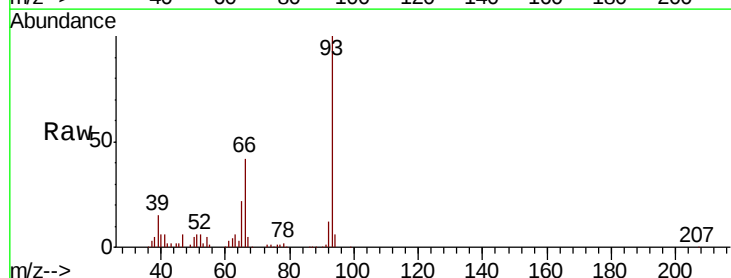
Tgt Ion: 93 Resp: 136584

Ion Ratio Lower Upper

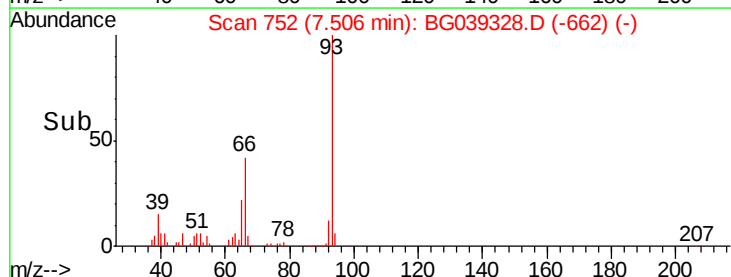
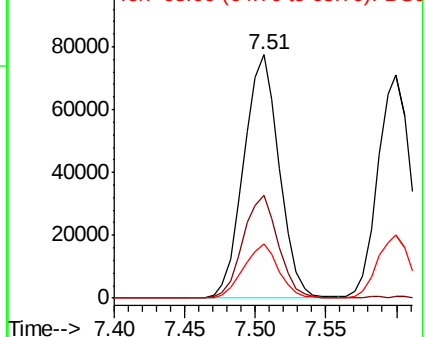
93 100

66 42.2 34.2 51.4

65 22.2 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 142.164 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampled :

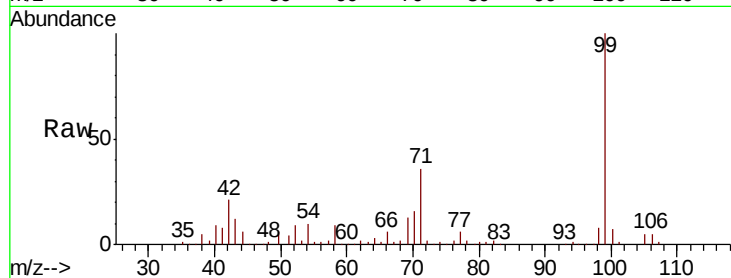
Tot Ion: 99 Resp: 500917

Ion Ratio Lower Upper

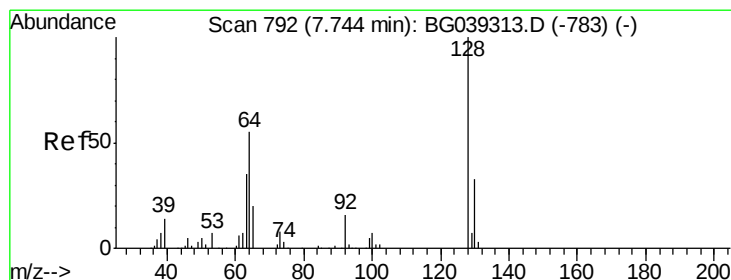
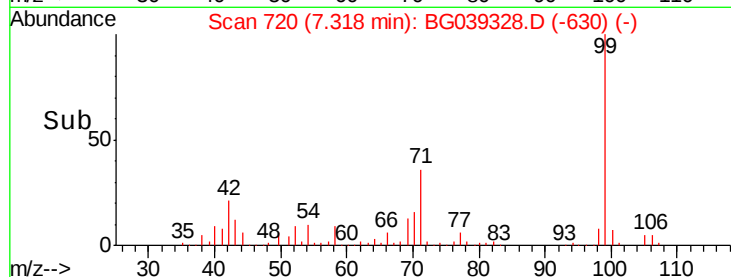
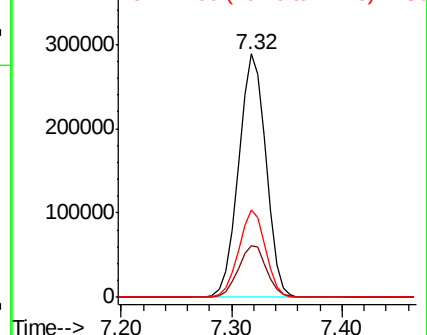
99 100

42 21.2 18.2 27.2

71 36.0 28.0 42.0



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



#8

2-Chlorophenol

Concen: 46.095 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

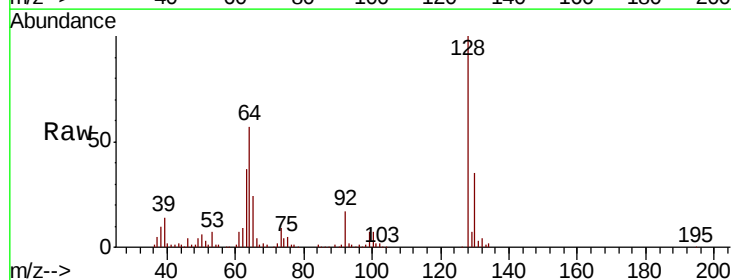
Tgt Ion:128 Resp: 120611

Ion Ratio Lower Upper

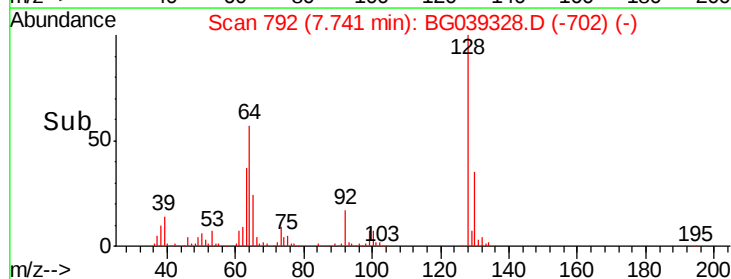
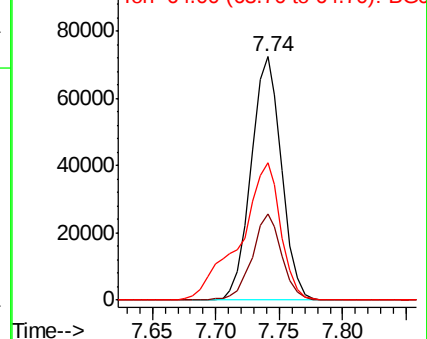
128 100

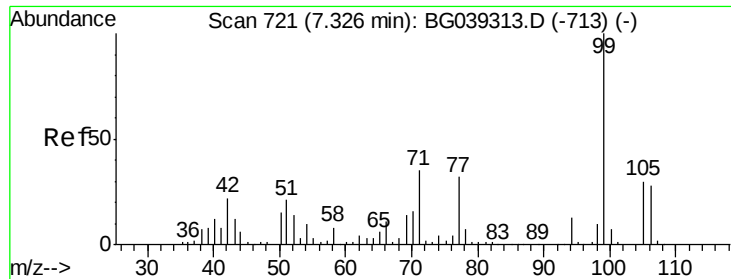
130 35.5 12.9 52.9

64 56.7 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: 13.391 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampled :

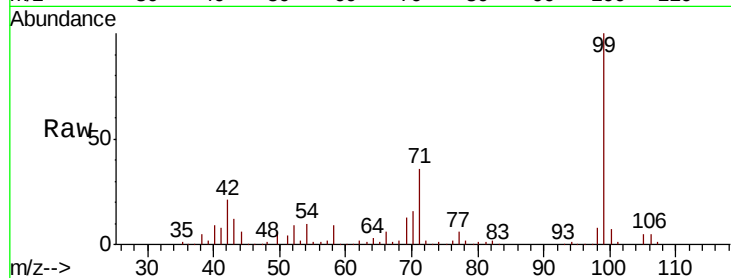
Tot Ion: 77 Resp: 29750

Ion Ratio Lower Upper

77 100

105 85.1 74.5 114.5

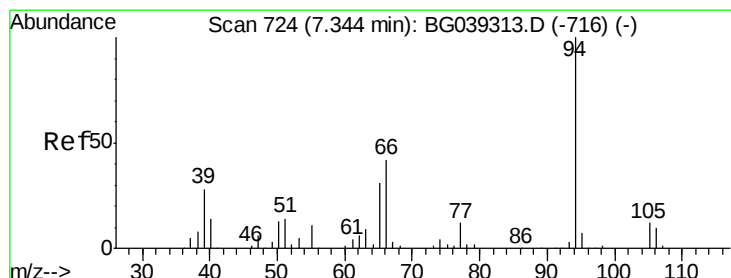
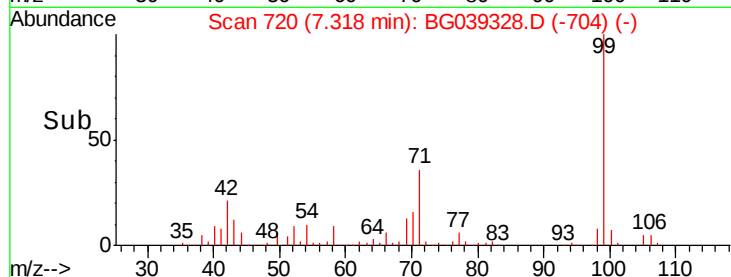
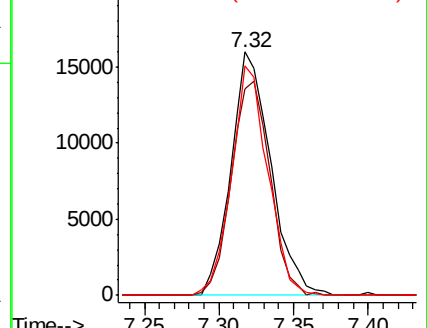
106 94.3 68.0 108.0



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: 46.501 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

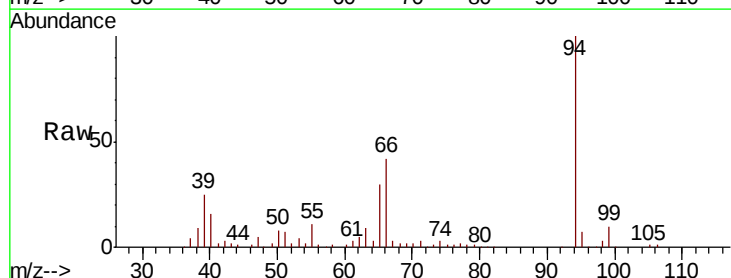
Tgt Ion: 94 Resp: 170799

Ion Ratio Lower Upper

94 100

65 30.3 11.7 51.7

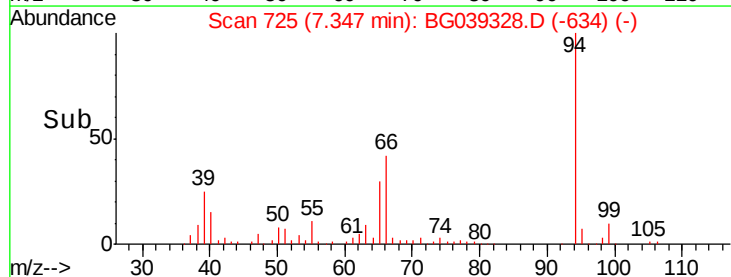
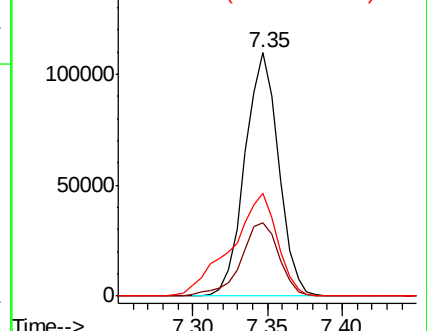
66 42.1 23.7 63.7



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: 40.253 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampled :

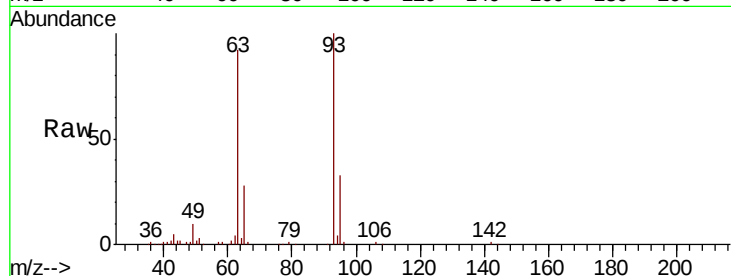
Tot Ion: 93 Resp: 116827

Ion Ratio Lower Upper

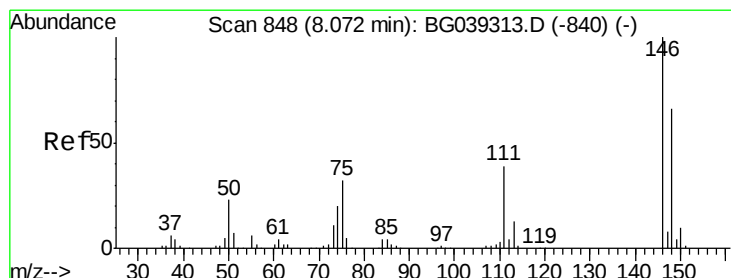
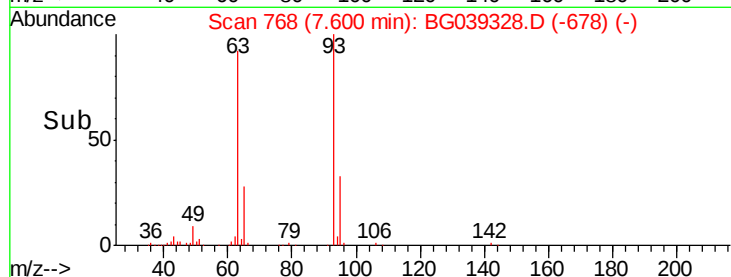
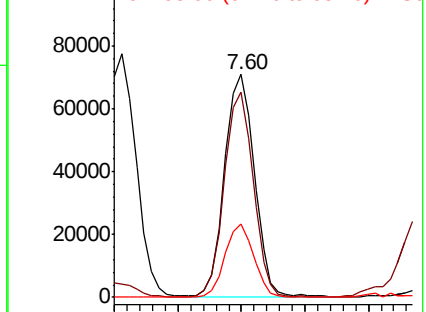
93 100

63 92.4 69.5 109.5

95 32.9 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 39.290 ng

RT: 8.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

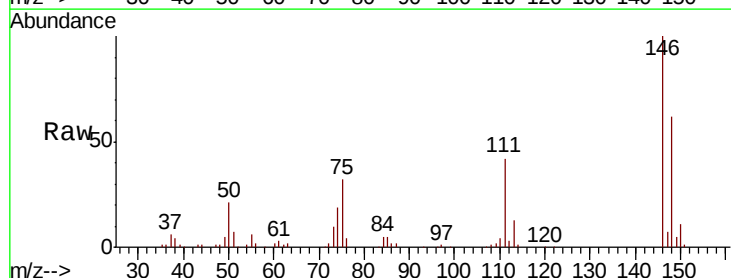
Tgt Ion: 146 Resp: 124539

Ion Ratio Lower Upper

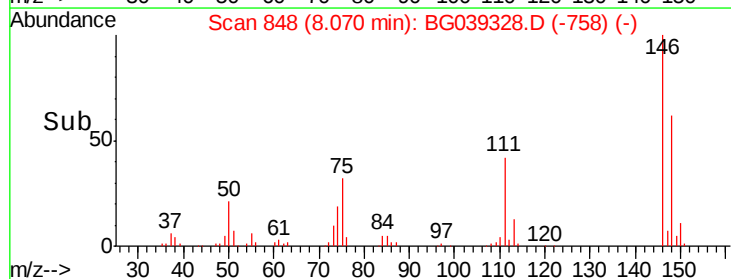
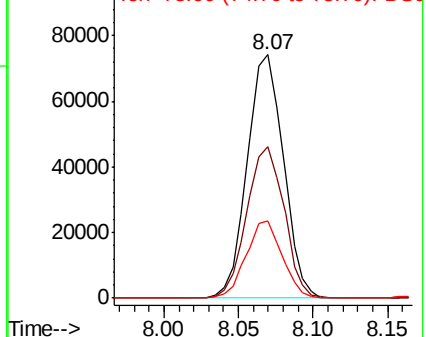
146 100

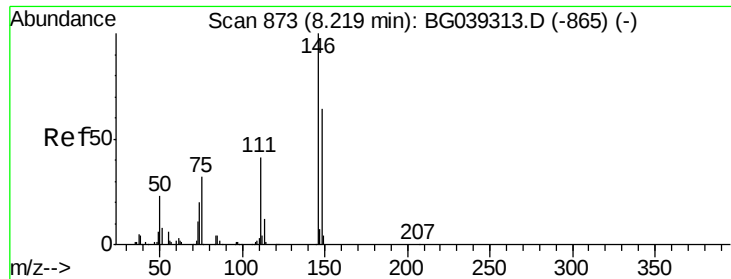
148 62.1 52.6 79.0

75 31.5 25.8 38.6



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





#13

1,4-Dichlorobenzene

Concen: 40.590 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampled :

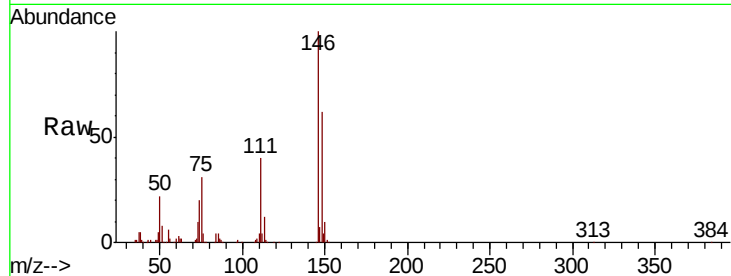
Tot Ion:146 Resp: 128239

Ion Ratio Lower Upper

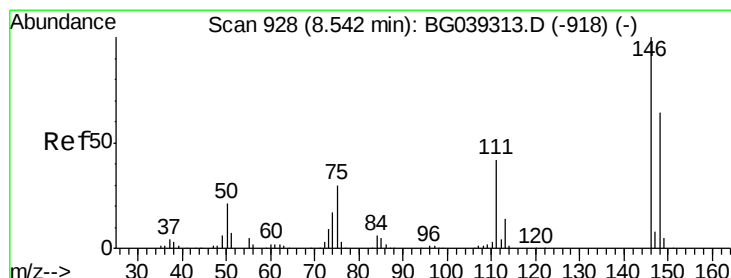
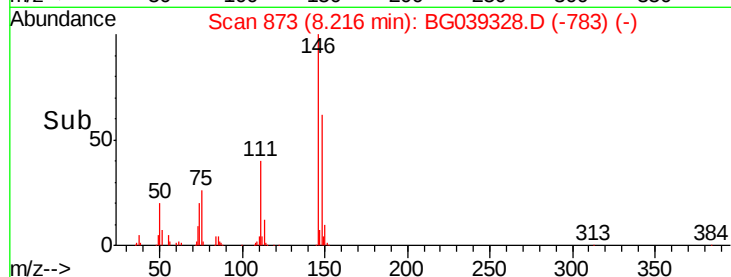
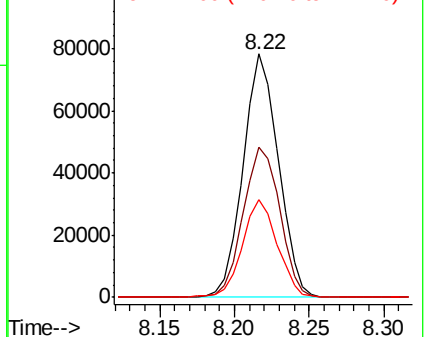
146 100

148 61.9 51.1 76.7

111 40.4 32.6 48.8



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



#14

1,2-Dichlorobenzene

Concen: 39.799 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

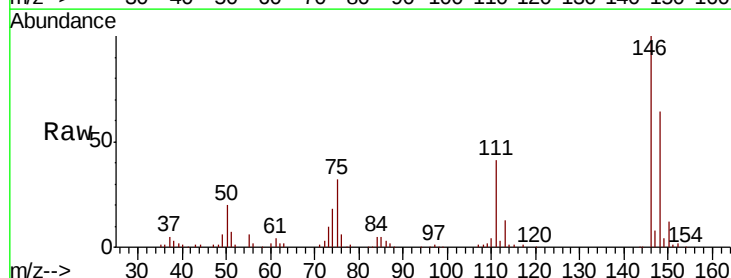
Tgt Ion:146 Resp: 121727

Ion Ratio Lower Upper

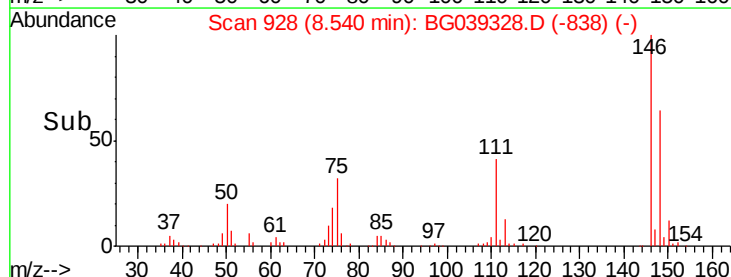
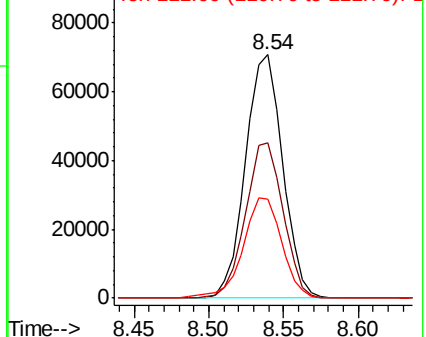
146 100

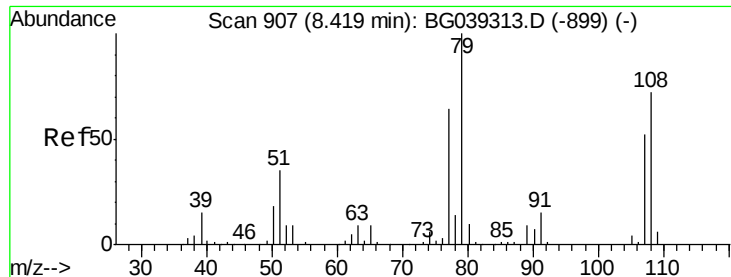
148 63.9 51.5 77.3

111 40.7 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 43.285 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampled :

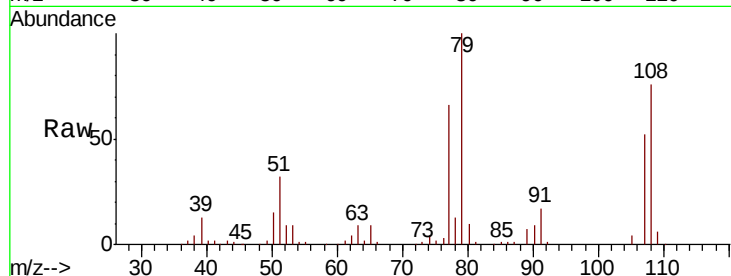
Tot Ion: 79 Resp: 119737

Ion Ratio Lower Upper

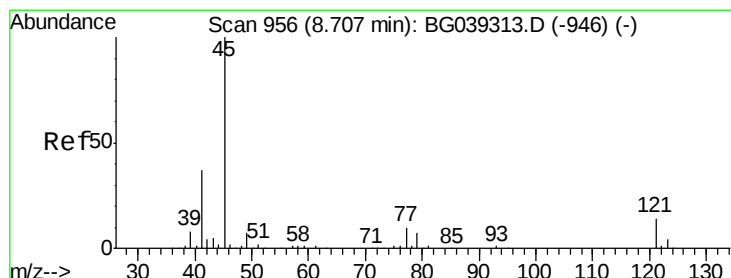
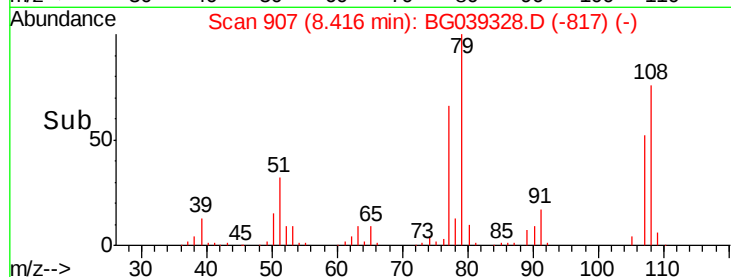
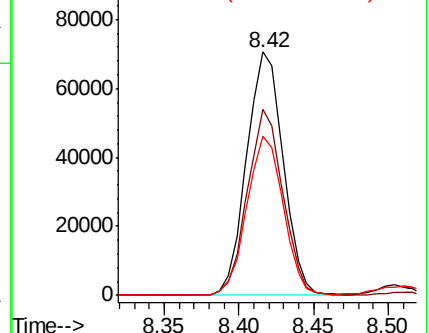
79 100

108 76.4 57.8 86.6

77 65.6 51.1 76.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.938 ng

RT: 8.70 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

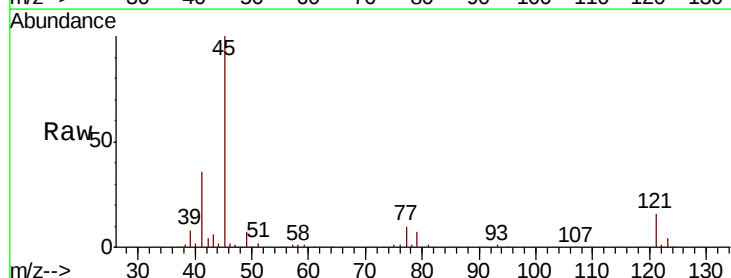
Tgt Ion: 45 Resp: 248652

Ion Ratio Lower Upper

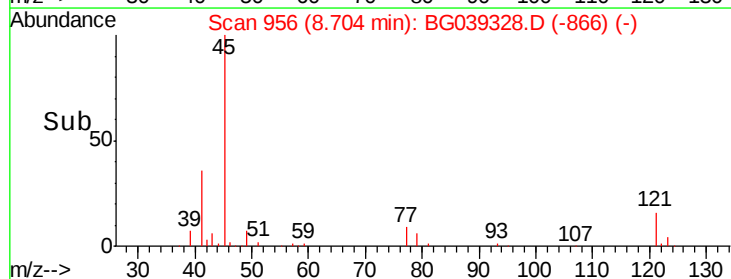
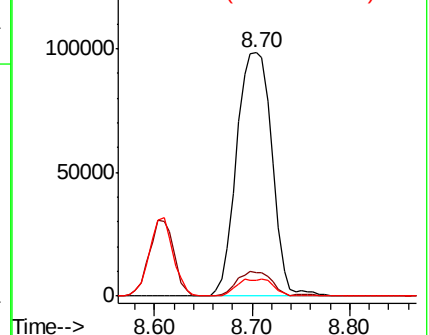
45 100

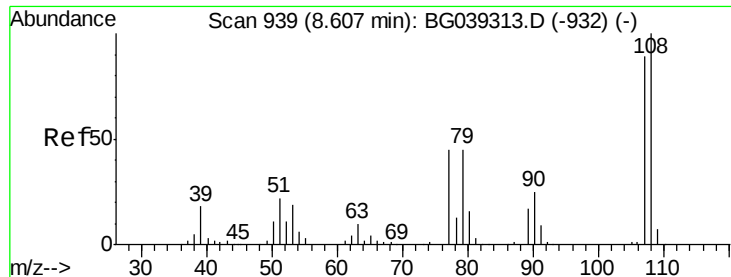
77 9.7 0.0 30.0

79 6.6 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 46.071 ng

RT: 8.61 min Scan# 940

Delta R.T. 0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 109506

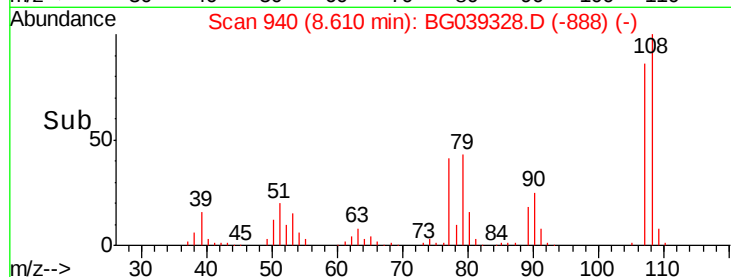
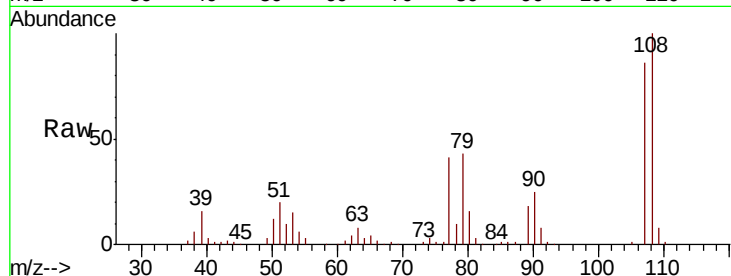
Ion Ratio Lower Upper

107 100

108 116.2 90.8 136.2

77 47.8 40.7 61.1

79 50.0 40.6 60.8

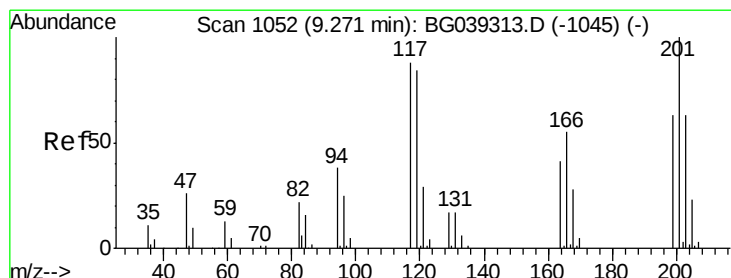
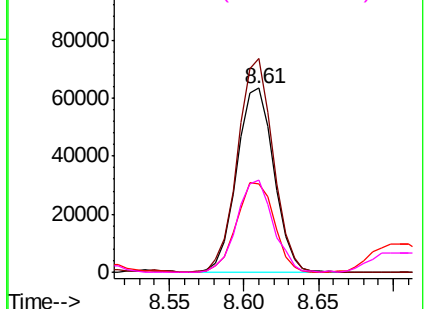


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.438 ng

RT: 9.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

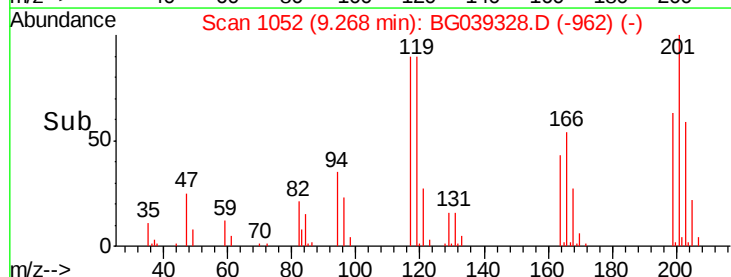
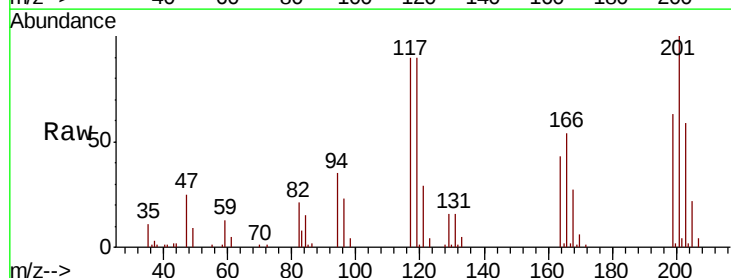
Tgt Ion:117 Resp: 43954

Ion Ratio Lower Upper

117 100

119 100.3 76.3 114.5

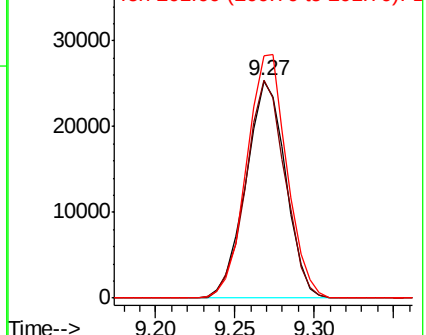
201 111.7 91.1 136.7

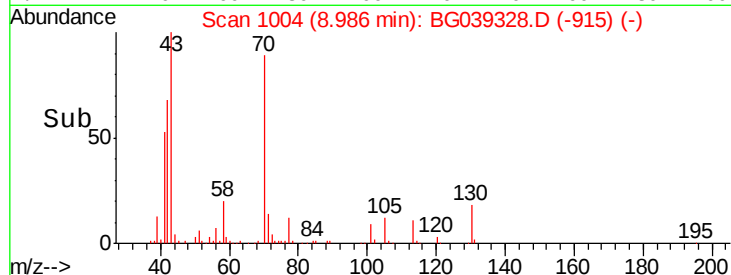
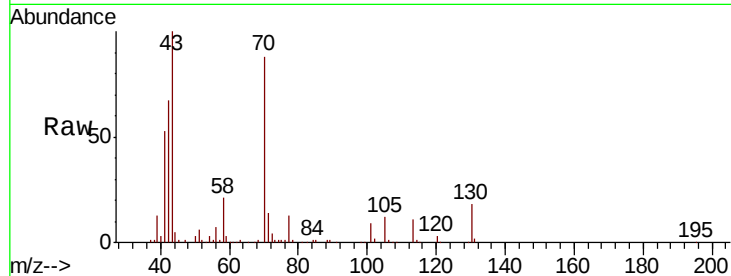
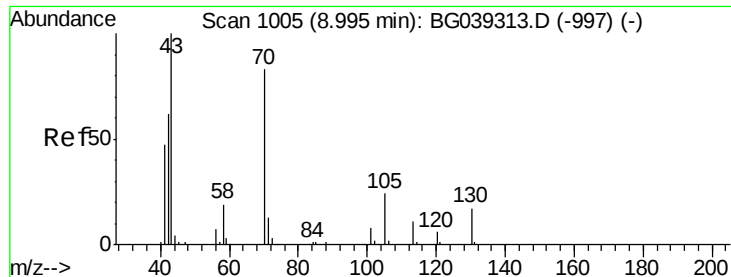


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

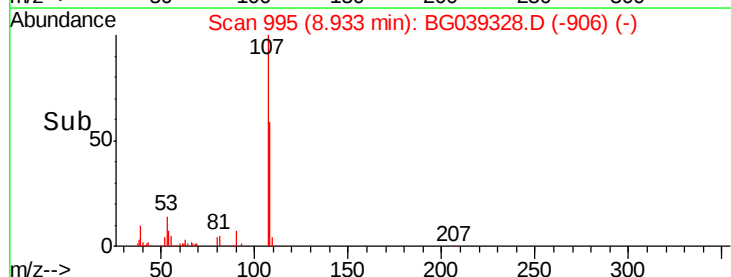
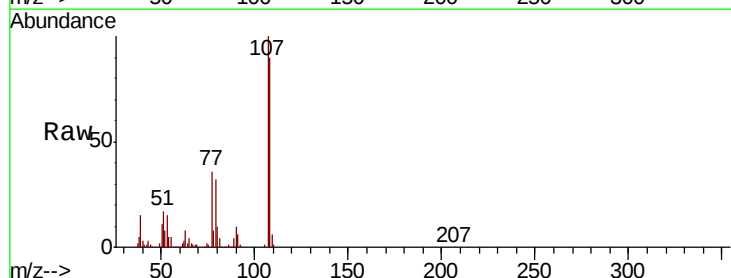
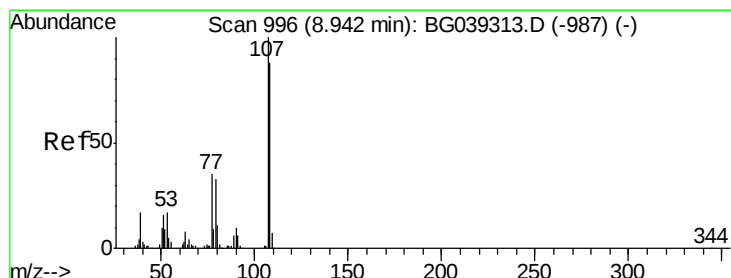
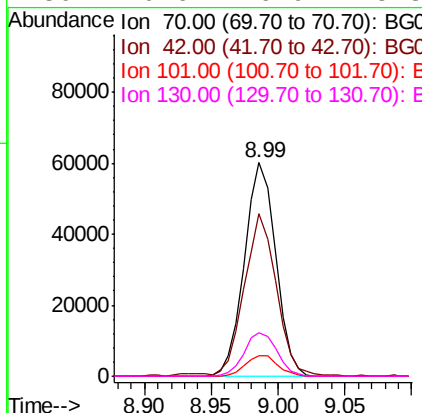




#19
n-Nitroso-di-n-propylamine
Concen: 38.978 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

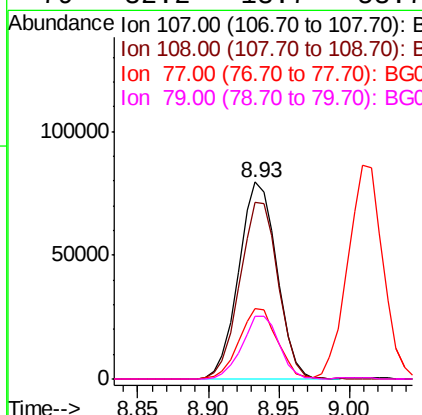
Instrument :
BNA_G
ClientSampleId :

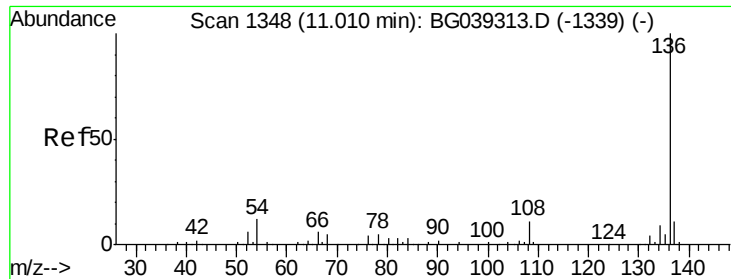
Tot Ion:	70	Resp:	97477
Ion	Ratio	Lower	Upper
70	100		
42	76.2	60.4	90.6
101	9.7	7.5	11.3
130	20.6	16.9	25.3



#20
3+4-Methylphenols
Concen: 46.036 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Tgt Ion:	107	Resp:	150682
Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.9	107.9
77	35.6	15.4	55.4
79	32.2	13.7	53.7

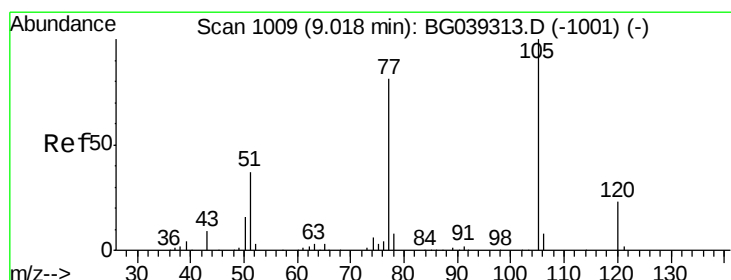
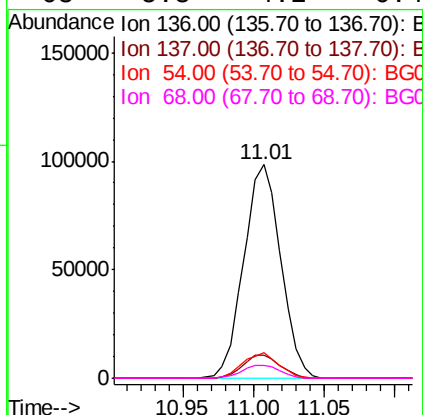
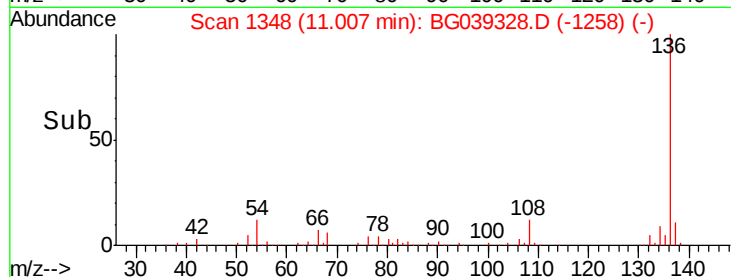
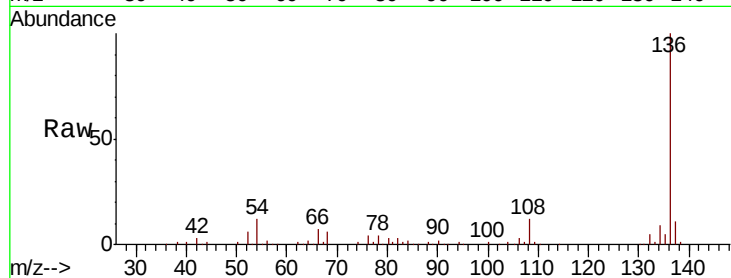




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

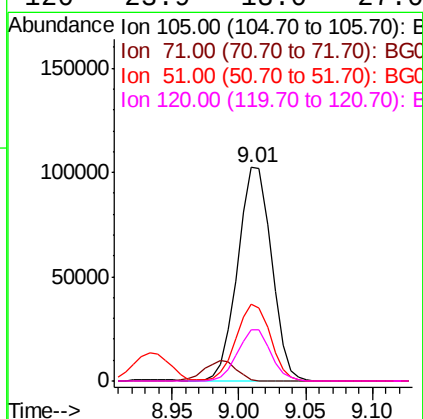
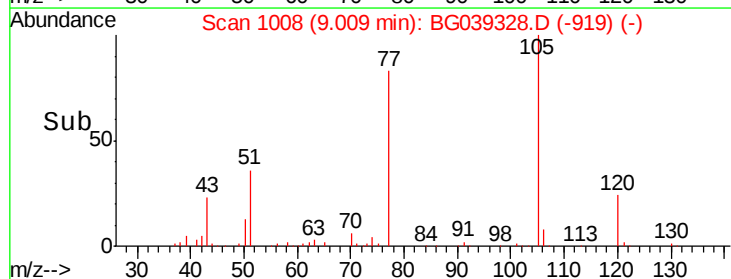
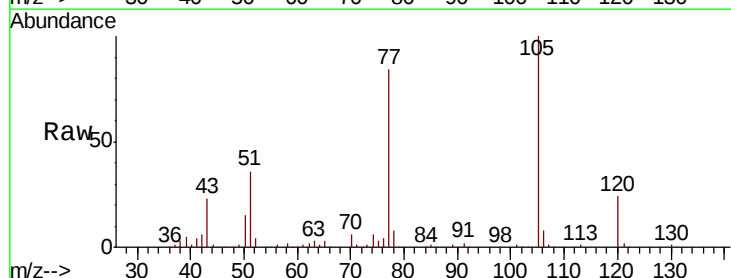
Instrument :
BNA_G
ClientSampleId :

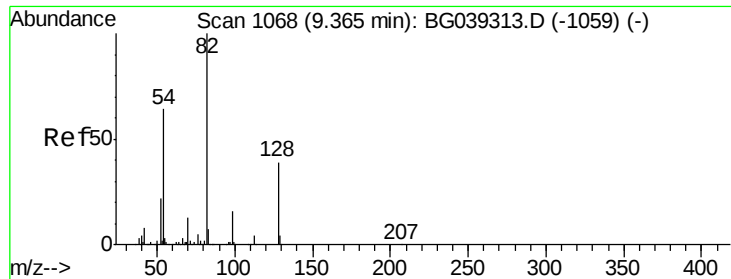
Tot Ion:136	Resp:	180561
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	11.7	9.4 14.2
68	5.8	4.2 6.4



#22
Acetophenone
Concen: 37.189 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Tgt Ion:105	Resp:	180371
Ion Ratio	Lower	Upper
105	100	
71	0.8	0.8 1.2
51	35.7	30.2 45.2
120	23.9	18.0 27.0

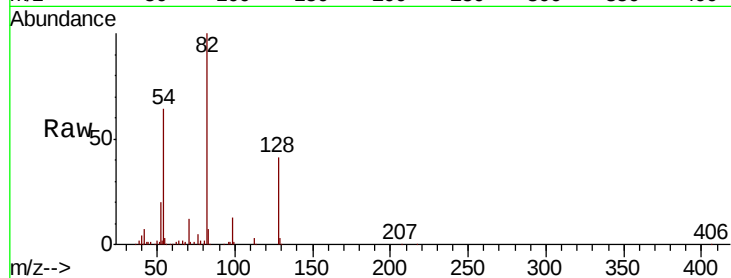




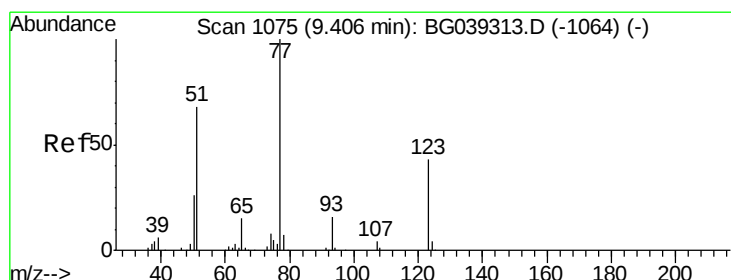
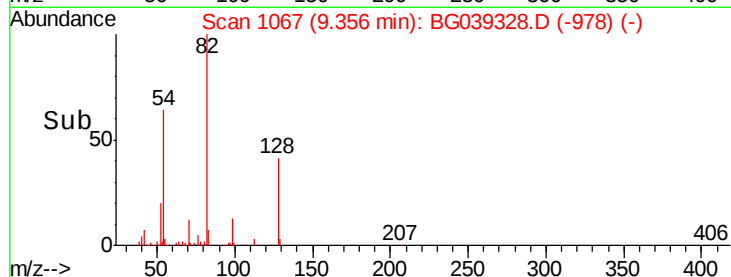
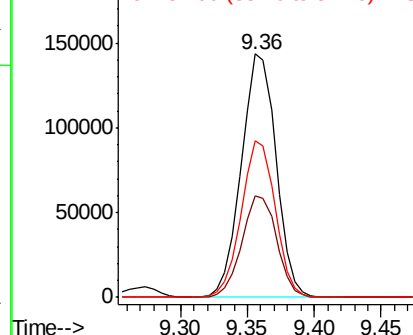
#23
Nitrobenzene-d5
Concen: 89.415 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	258434
Ion Ratio	Lower	Upper	
82	100		
128	41.5	31.3	46.9
54	64.1	50.9	76.3

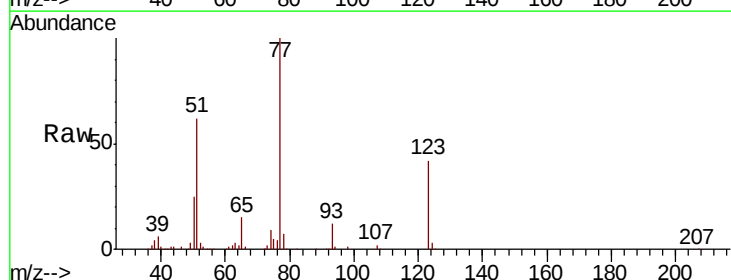


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

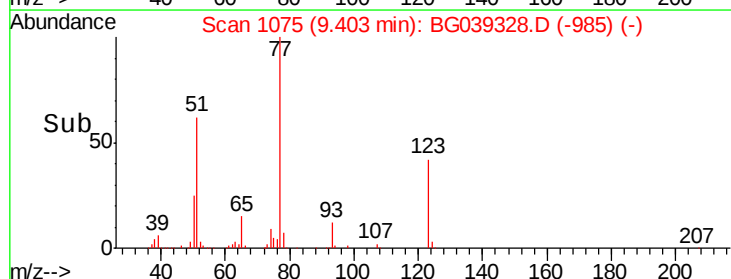
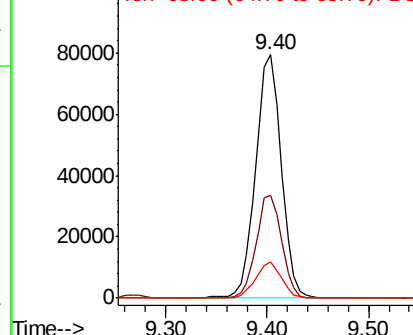


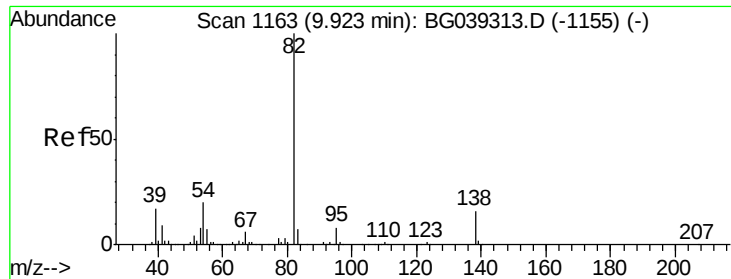
#24
Nitrobenzene
Concen: 44.882 ng
RT: 9.40 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Tgt Ion	77	Resp	140141
Ion Ratio	Lower	Upper	
77	100		
123	42.2	34.1	51.1
65	14.6	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: 42.921 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

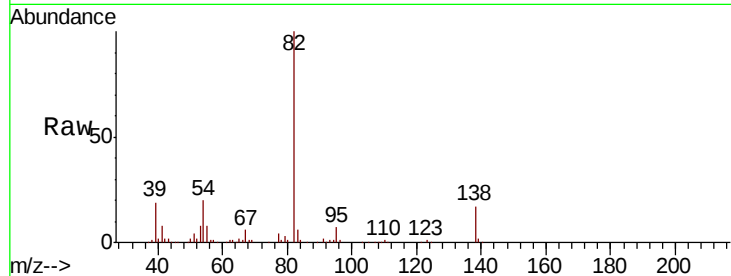
Tot Ion: 82 Resp: 274901

Ion Ratio Lower Upper

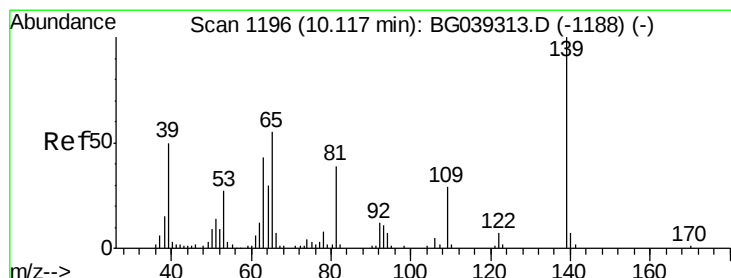
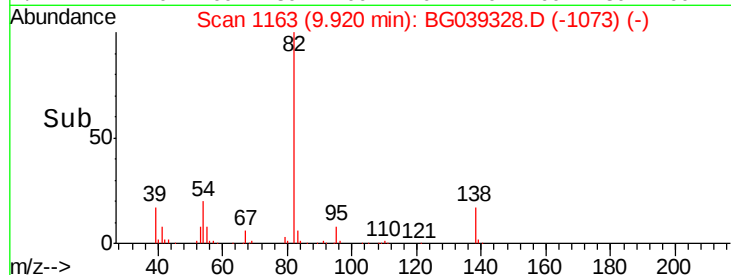
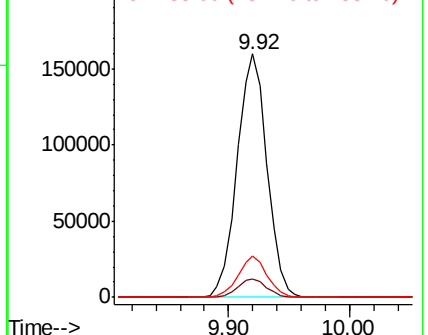
82 100

95 7.4 6.2 9.2

138 17.1 13.0 19.4



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



#26

2-Nitrophenol

Concen: 47.240 ng

RT: 10.11 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

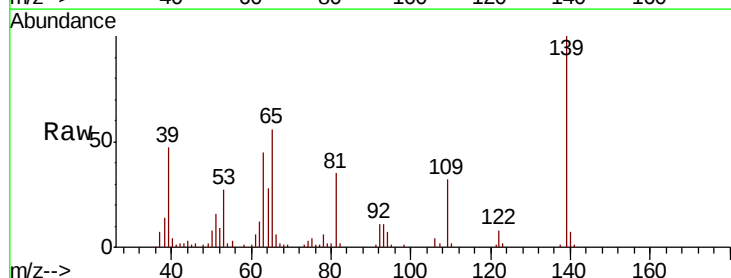
Tgt Ion: 139 Resp: 57364

Ion Ratio Lower Upper

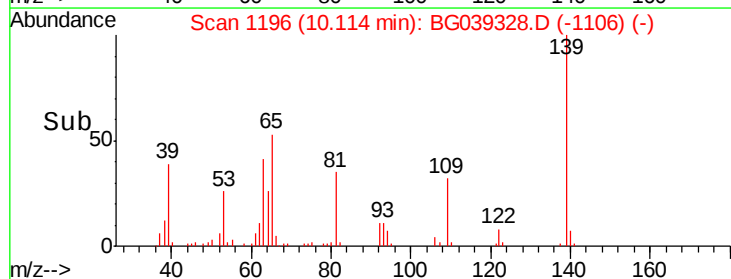
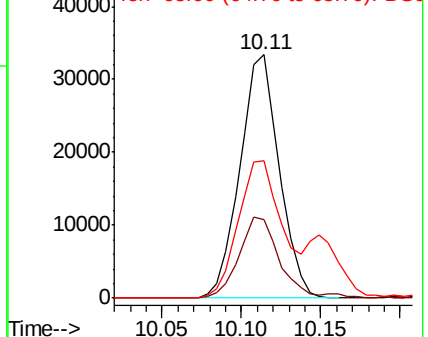
139 100

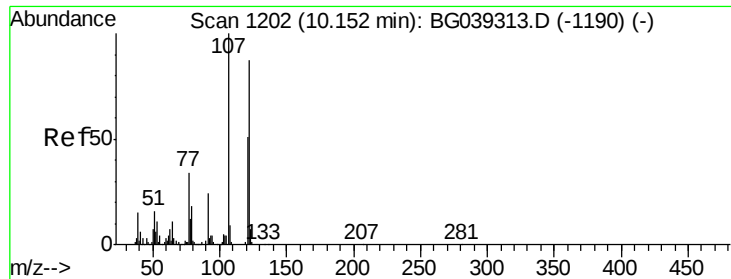
109 32.5 23.4 35.0

65 56.4 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

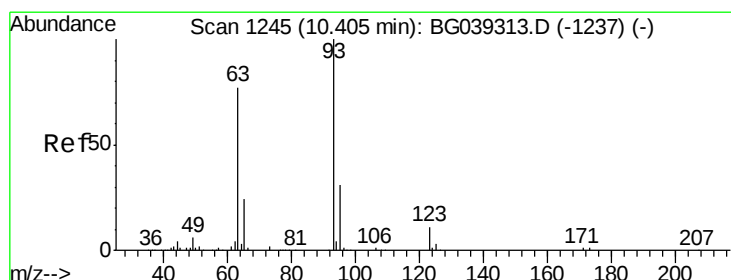
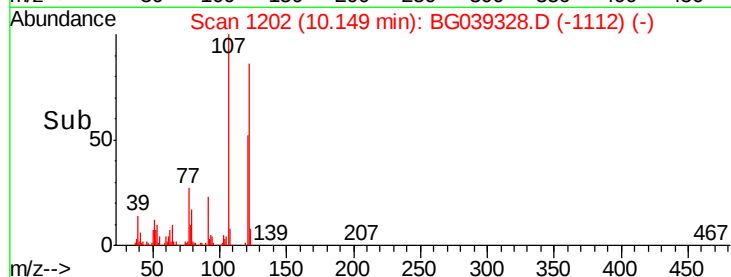
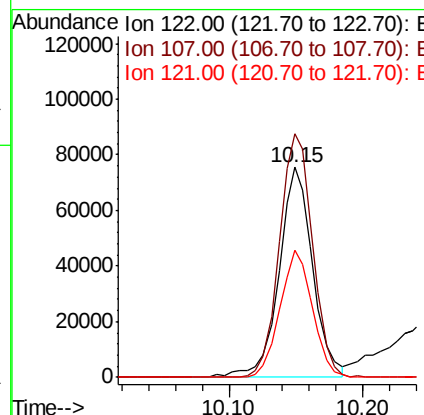
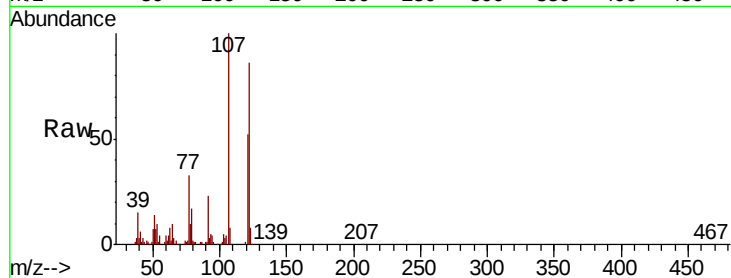




#27
2,4-Dimethylphenol
Concen: 51.179 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

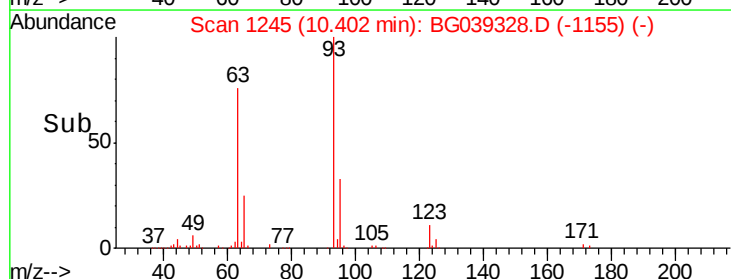
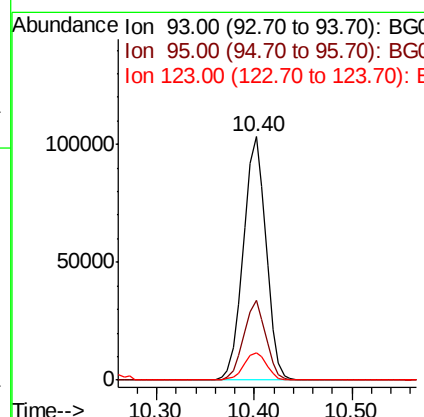
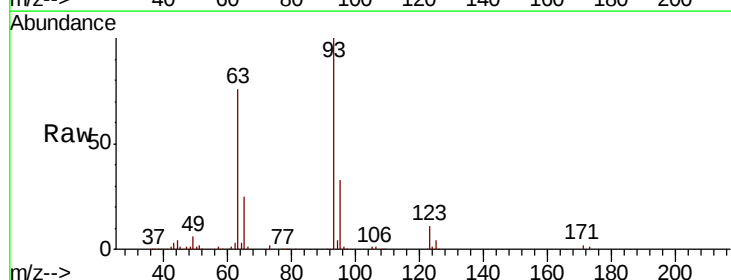
Instrument :
BNA_G
ClientSampleId :

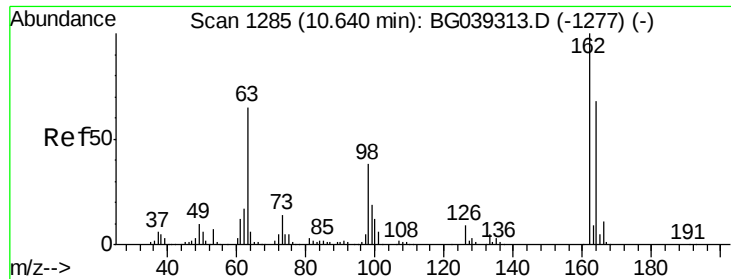
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.7	137.5
121	60.5	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.459 ng
RT: 10.40 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.0	37.4
123	11.3	8.6	12.8

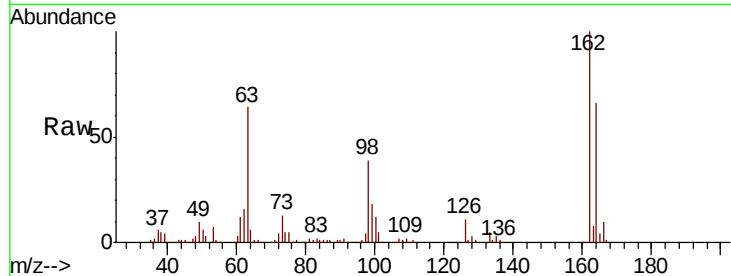




#29
2,4-Dichlorophenol
Concen: 46.139 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	48.1	88.1
98	38.6	18.1	58.1

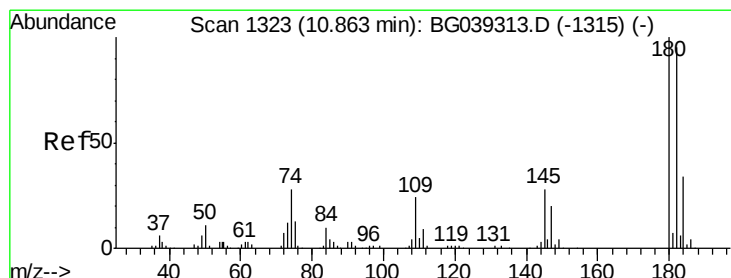
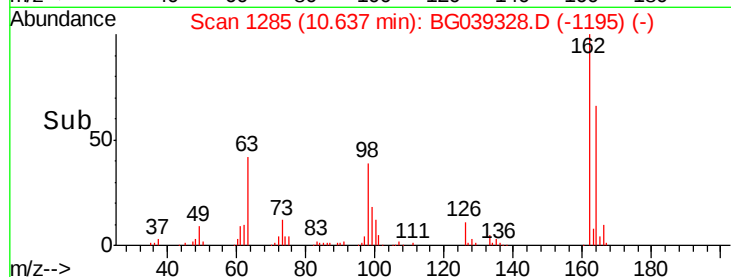
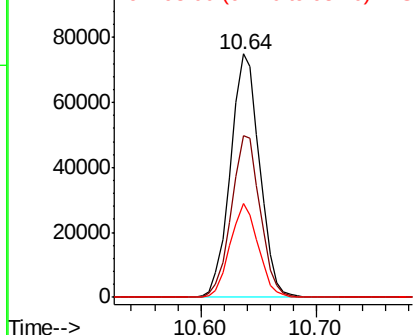


Abundance

Ion 162.00 (161.70 to 162.70): E

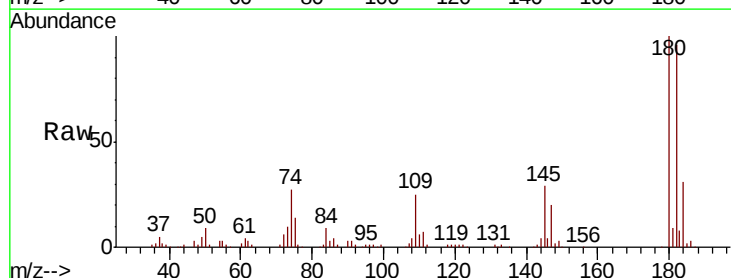
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.948 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.0	114.0
145	29.3	22.7	34.1

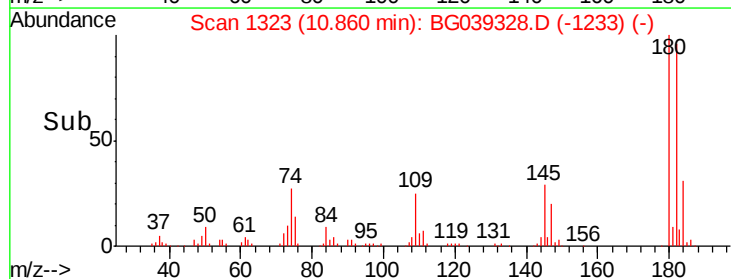
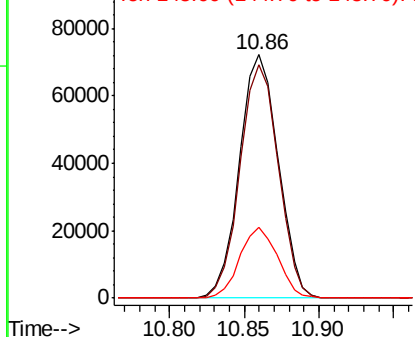


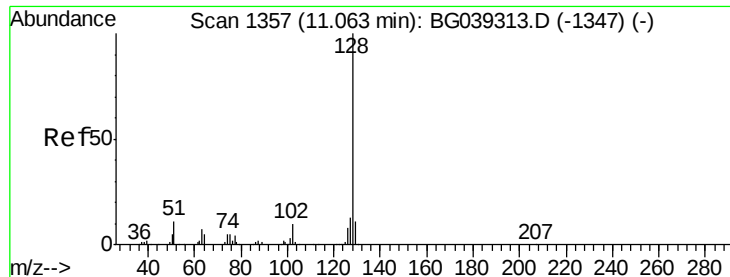
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.595 ng

RT: 11.06 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

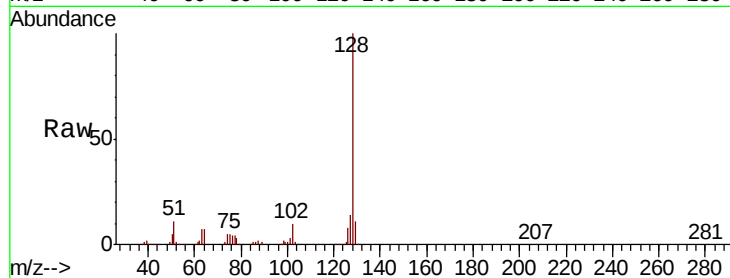
Tot Ion:128 Resp: 381547

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

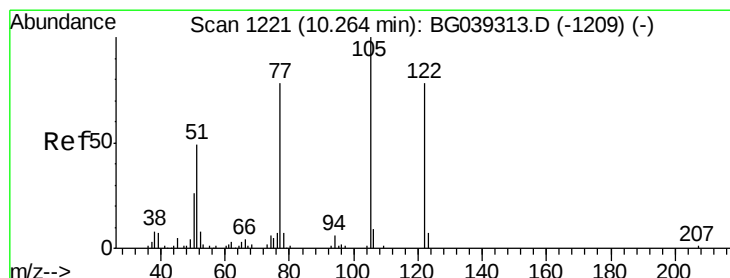
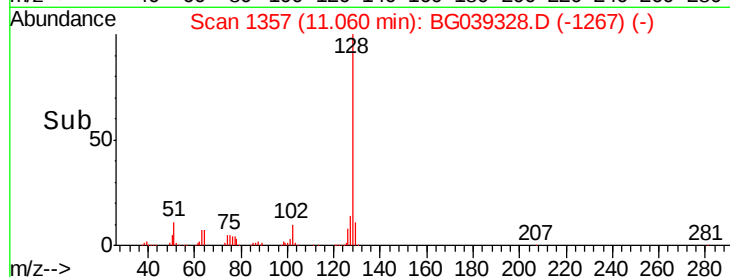
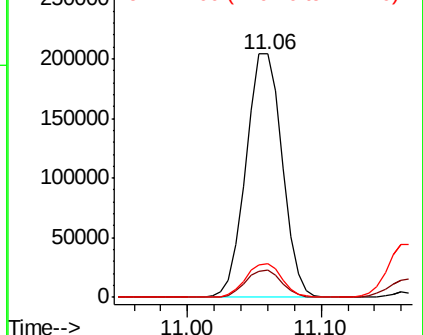
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.414 ng

RT: 10.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

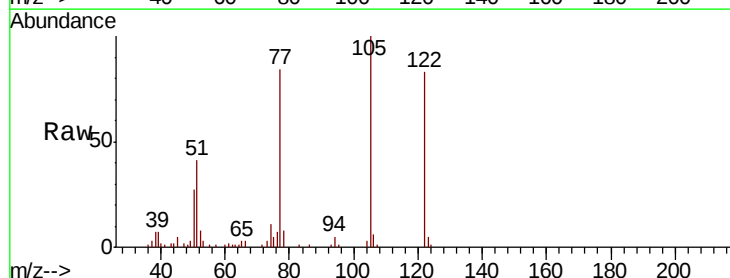
Tgt Ion:122 Resp: 80212

Ion Ratio Lower Upper

122 100

105 121.1 101.8 141.8

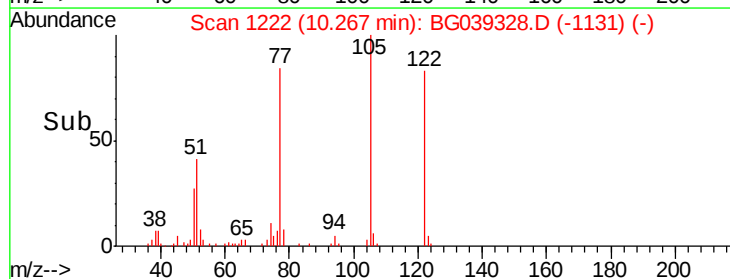
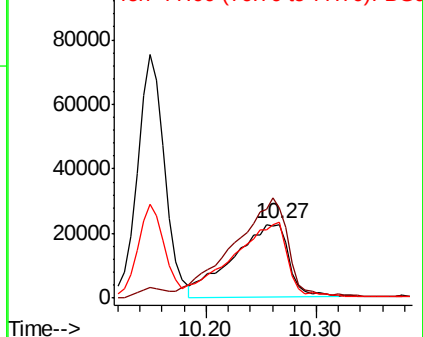
77 102.3 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

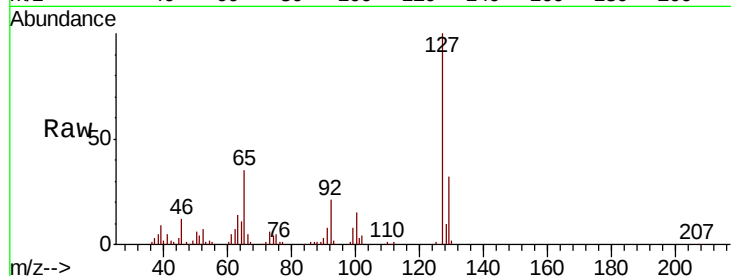




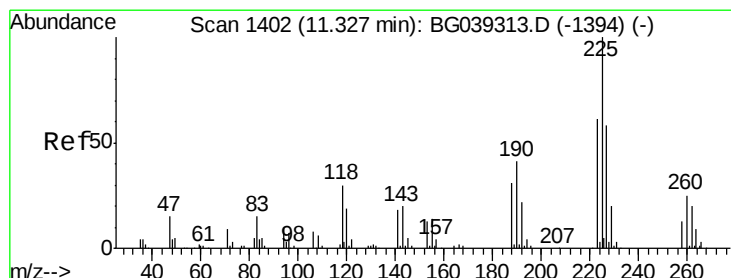
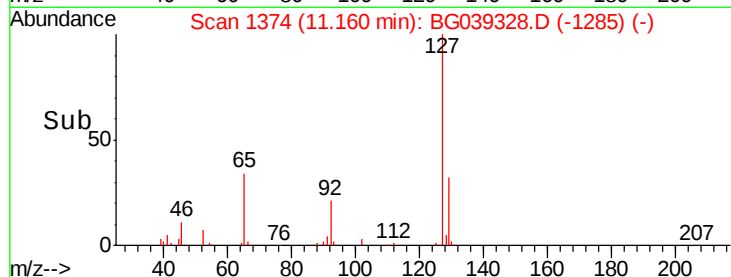
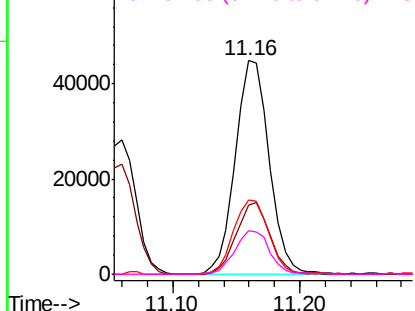
#33
4-Chloroaniline
Concen: 20.025 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	83169
Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.0	40.4
65	34.9	28.8	43.2
92	20.6	16.6	25.0

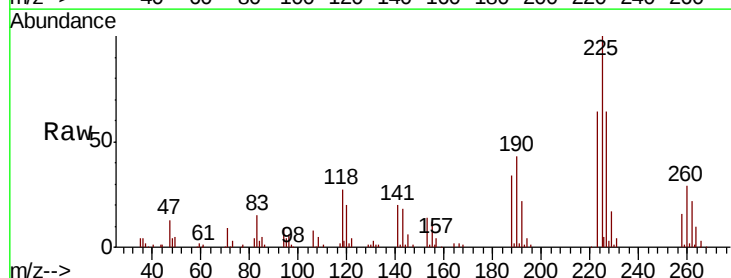


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

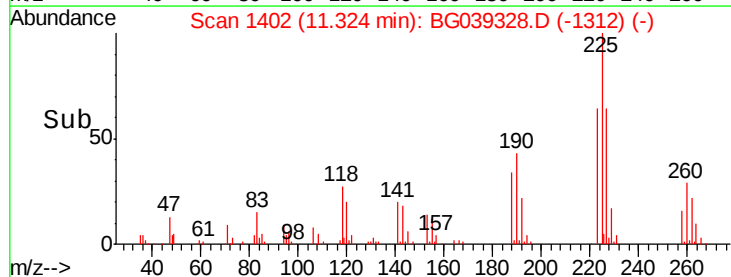
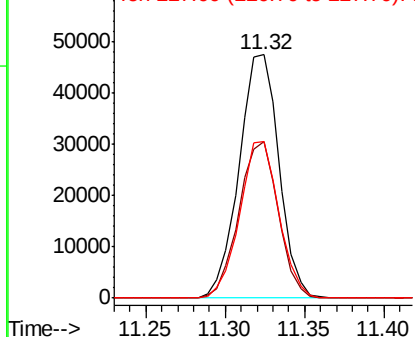


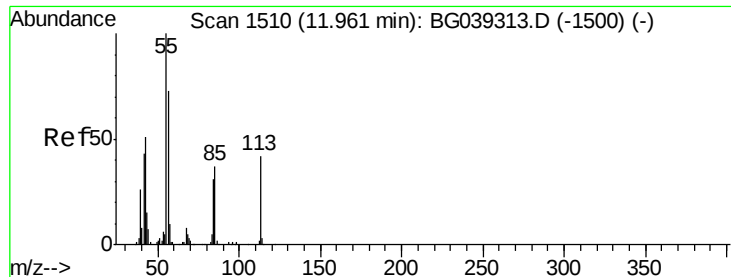
#34
Hexachlorobutadiene
Concen: 39.113 ng
RT: 11.32 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Tgt Ion:	225	Resp:	82695
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.0	73.6
227	64.4	46.3	69.5



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





#35

Caprolactam

Concen: 22.862 ng

RT: 11.95 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

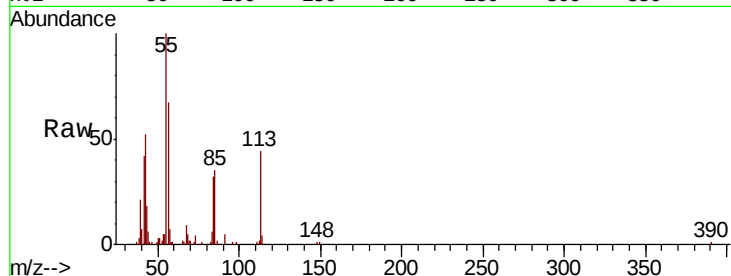
Tot Ion:113 Resp: 26789

Ion Ratio Lower Upper

113 100

55 228.8 216.9 256.9

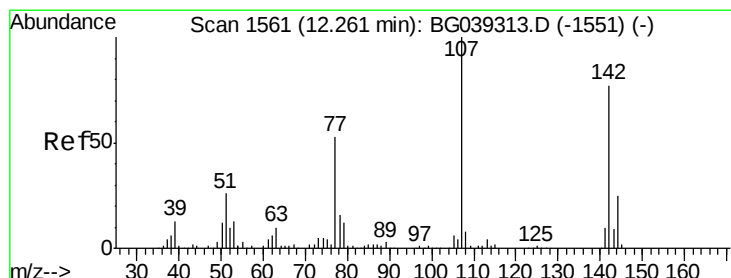
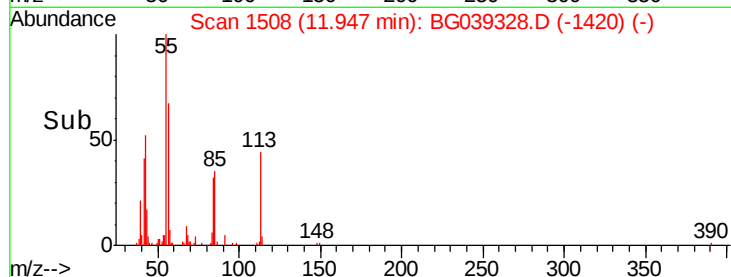
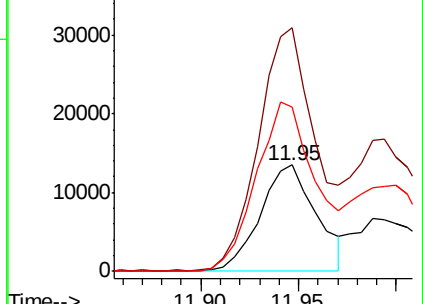
56 154.2 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.556 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

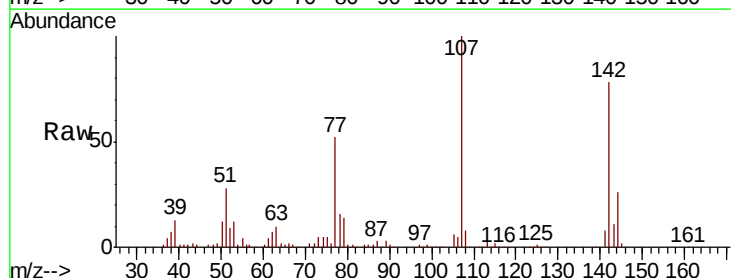
Tgt Ion:107 Resp: 145915

Ion Ratio Lower Upper

107 100

144 25.9 20.2 30.2

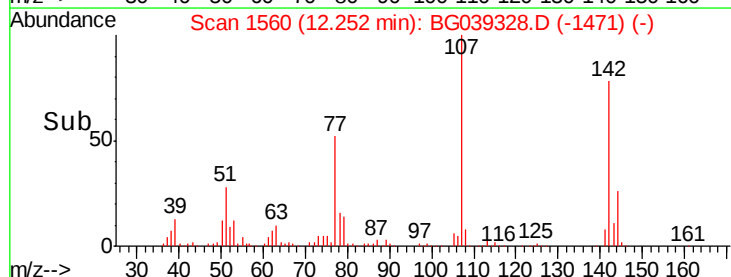
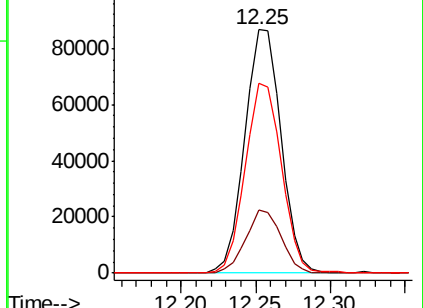
142 78.0 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

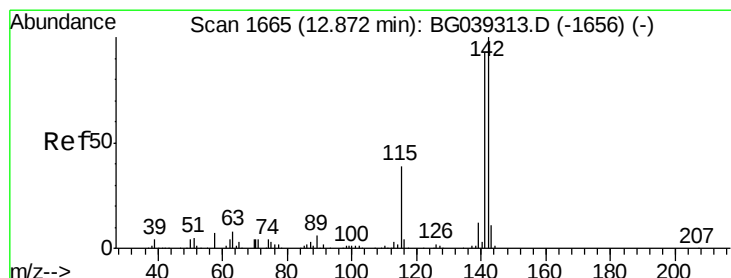
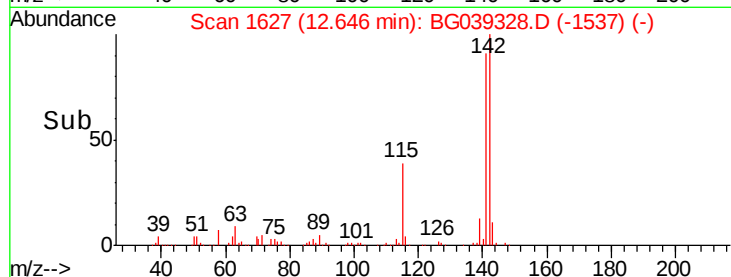
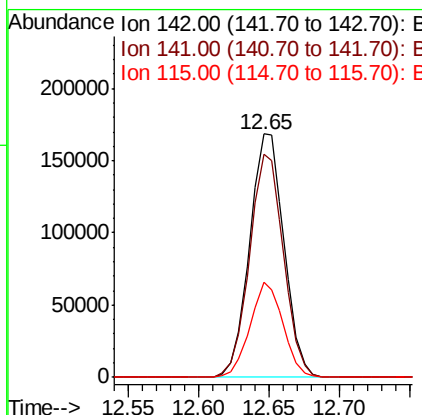
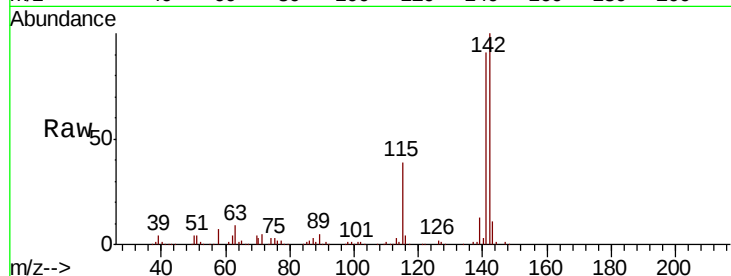




#37
2-Methylnaphthalene
Concen: 43.342 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

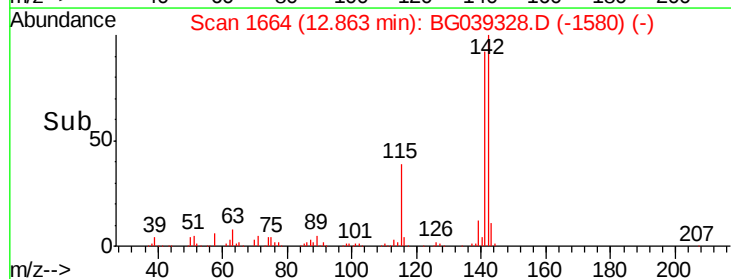
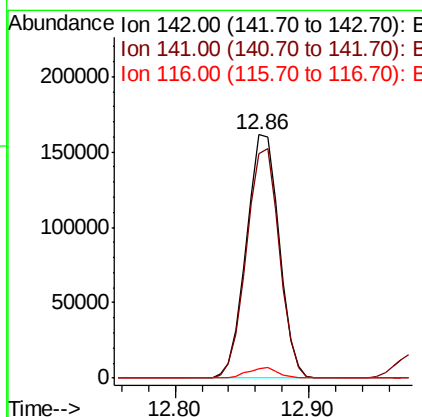
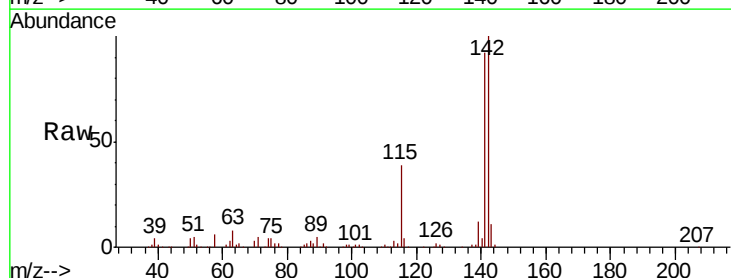
Instrument :
BNA_G
ClientSampleId :

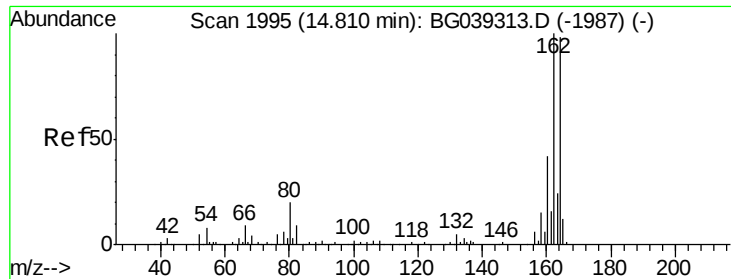
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.5	110.3
115	39.0	30.8	46.2



#38
1-Methylnaphthalene
Concen: 42.774 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

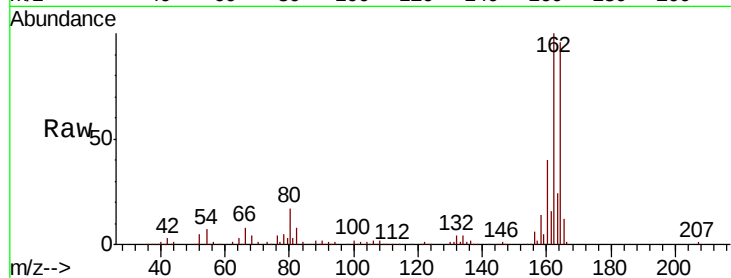
Tot Ion:164 Resp: 121155

Ion Ratio Lower Upper

164 100

162 104.2 81.6 122.4

160 41.4 34.2 51.2

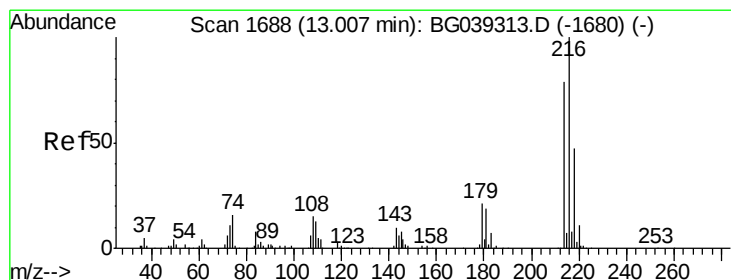
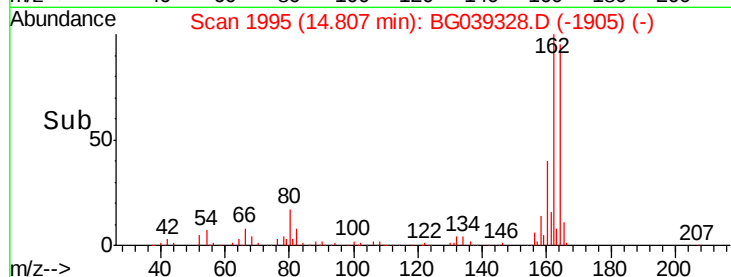
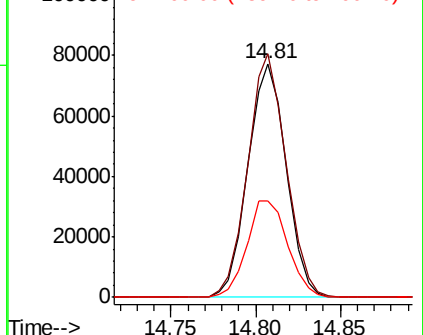


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.516 ng

RT: 13.00 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Tgt Ion:216 Resp: 152327

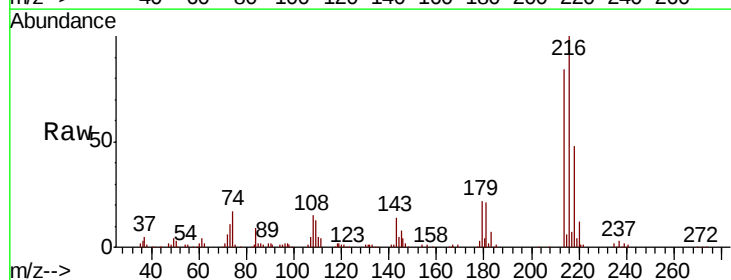
Ion Ratio Lower Upper

216 100

214 81.2 62.6 94.0

179 20.8 16.6 25.0

108 20.0 14.0 21.0



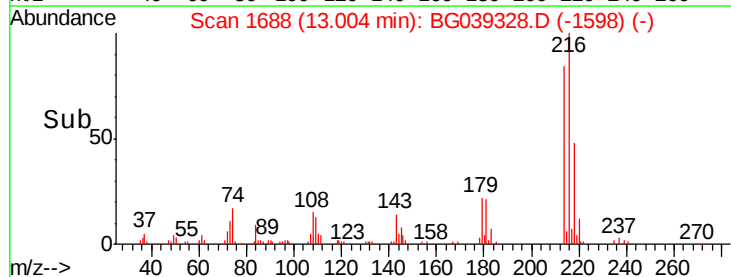
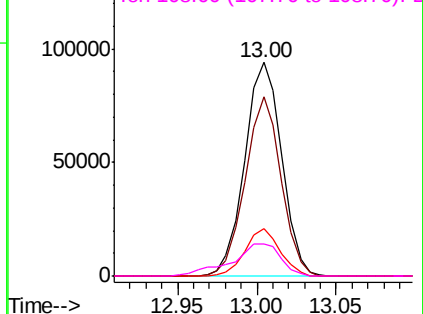
Abundance

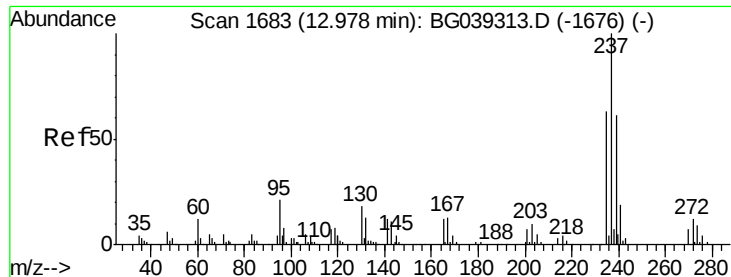
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.739 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

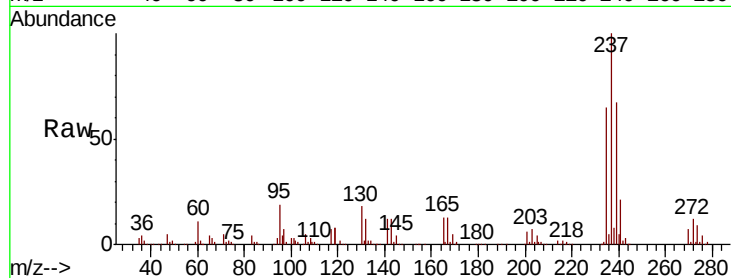
Tot Ion:237 Resp: 209506

Ion Ratio Lower Upper

237 100

235 64.9 43.3 83.3

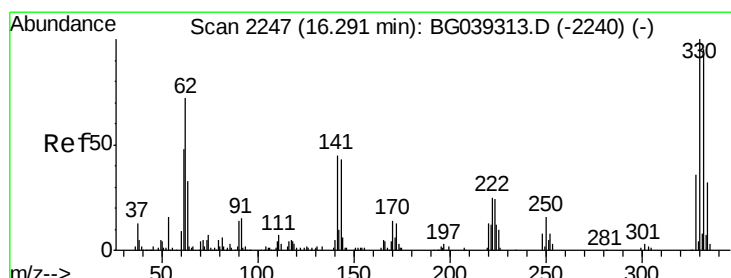
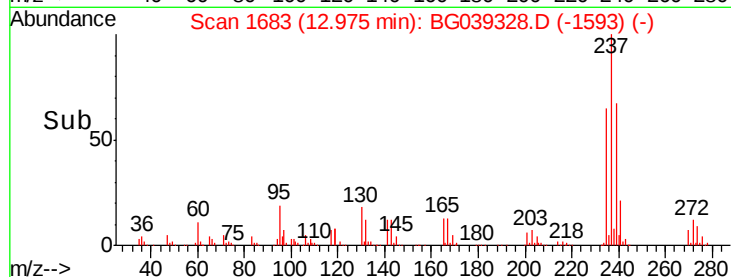
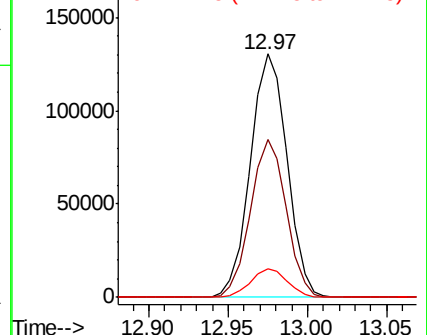
272 11.5 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.917 ng

RT: 16.29 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

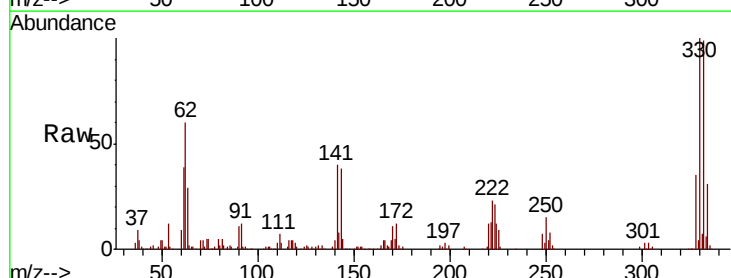
Tgt Ion:330 Resp: 179931

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

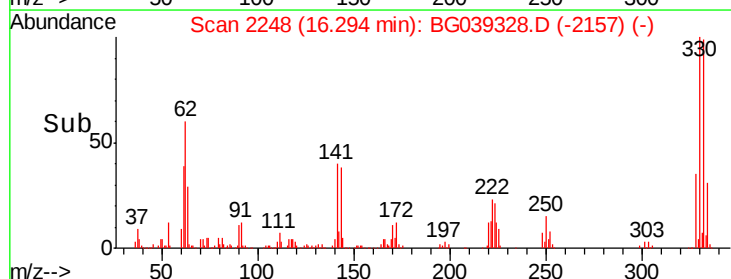
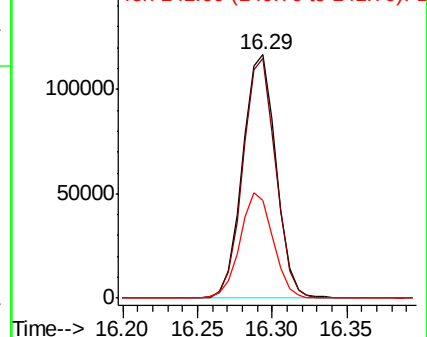
141 43.0 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

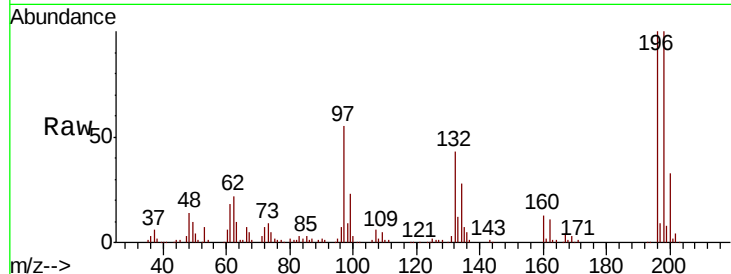




#43
 2,4,6-Trichlorophenol
 Concen: 45.335 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG039328.D
 Acq: 30 Jan 2019 15:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	107451
Ion Ratio	Lower	Upper	
196	100		
198	100.2	80.6	121.0
200	33.4	26.1	39.1

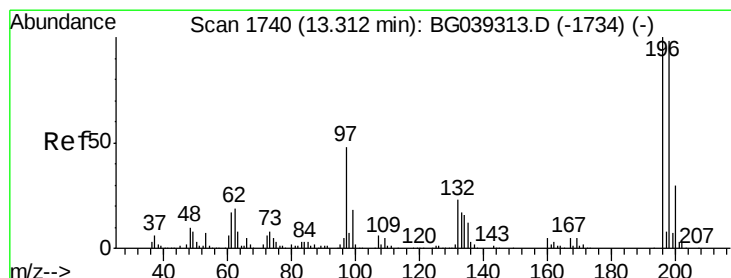
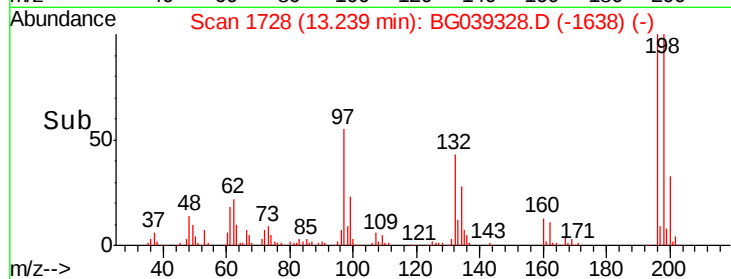
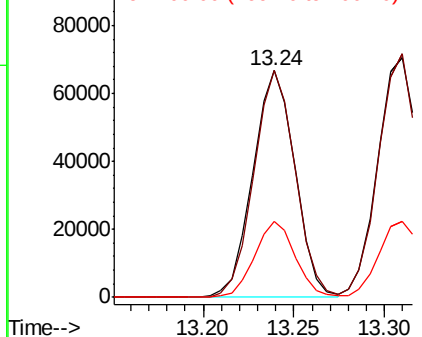


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.932 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG039328.D
 Acq: 30 Jan 2019 15:13

Tgt Ion	196	Resp	114100
Ion Ratio	Lower	Upper	
196	100		
198	101.4	78.5	117.7
97	47.8	38.4	57.6
132	27.6	19.2	28.8

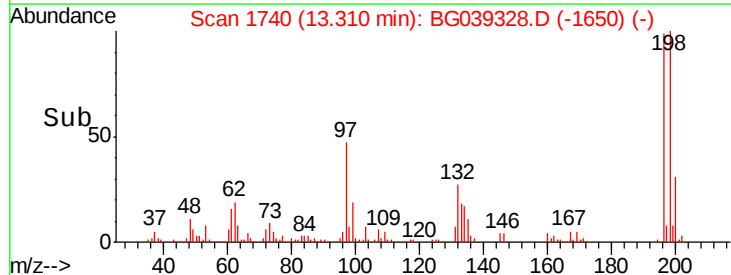
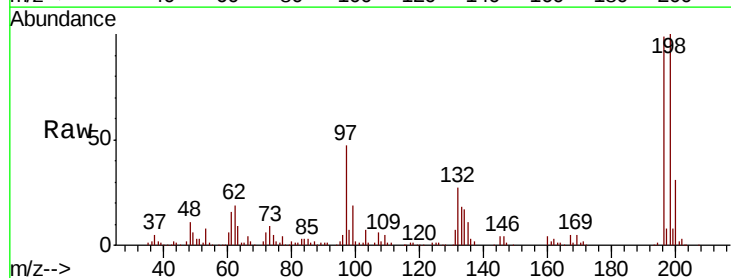
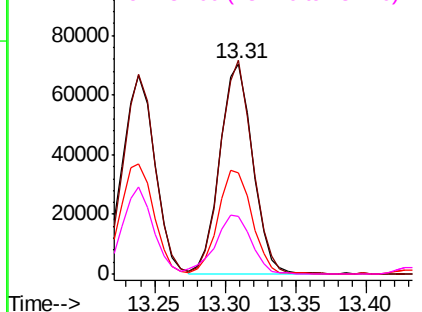
Abundance

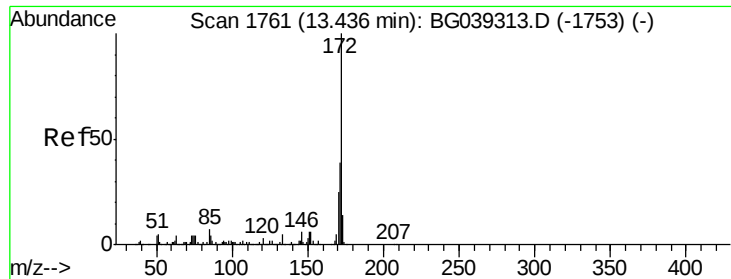
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

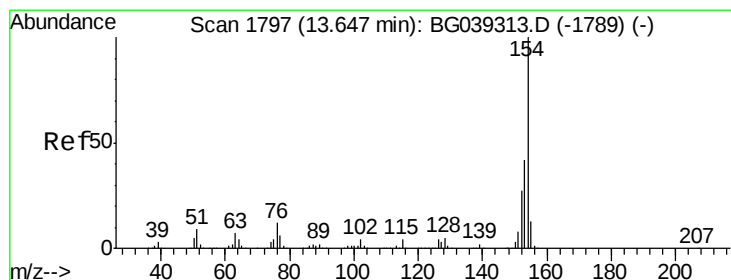
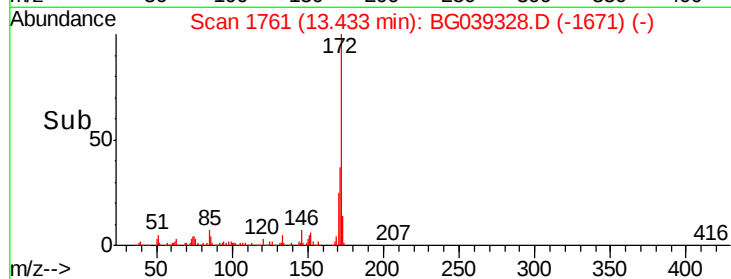
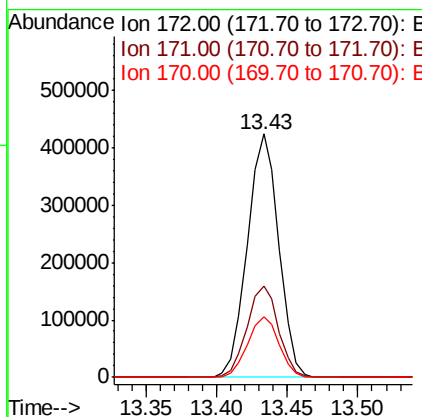
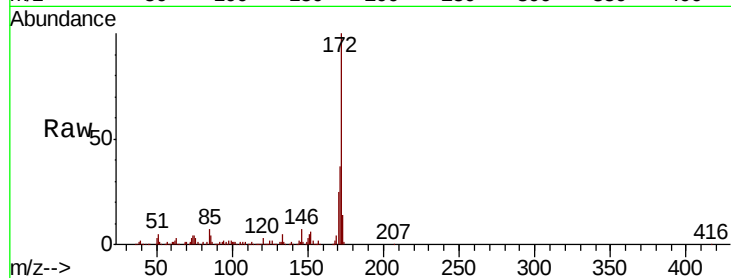




#45
2-Fluorobiphenyl
Concen: 78.331 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

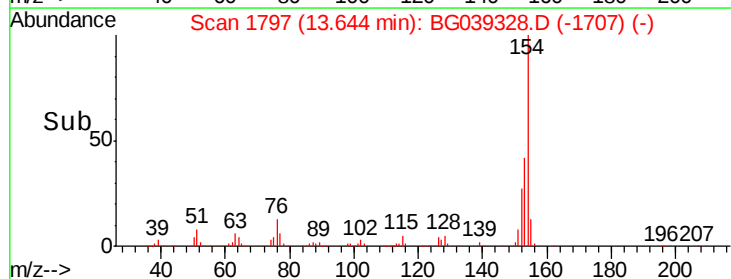
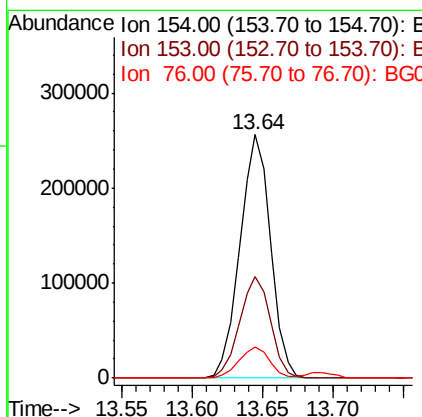
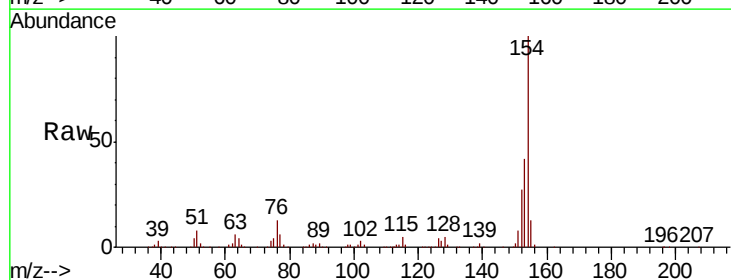
Instrument :
BNA_G
ClientSampleId :

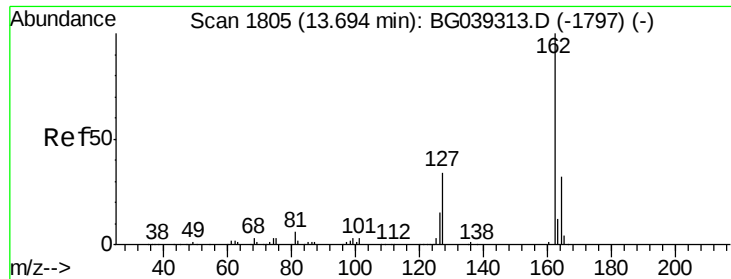
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.0	20.2	30.4



#46
1,1'-Biphenyl
Concen: 38.415 ng
RT: 13.64 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.1	62.1
76	12.6	0.0	32.4

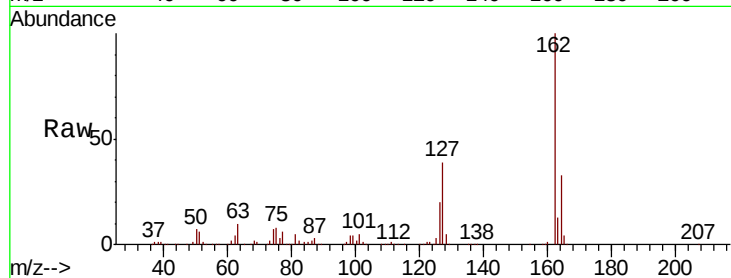




#47
2-Chloronaphthalene
Concen: 38.931 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.0	46.6
164	32.8	25.7	38.5

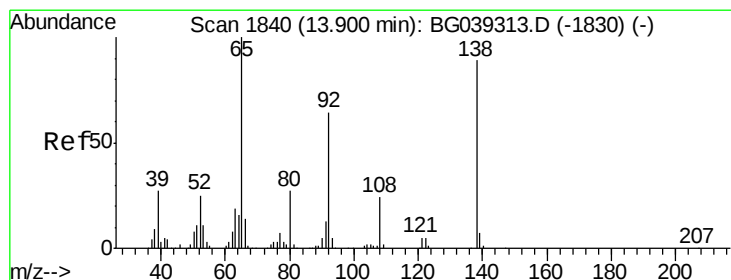
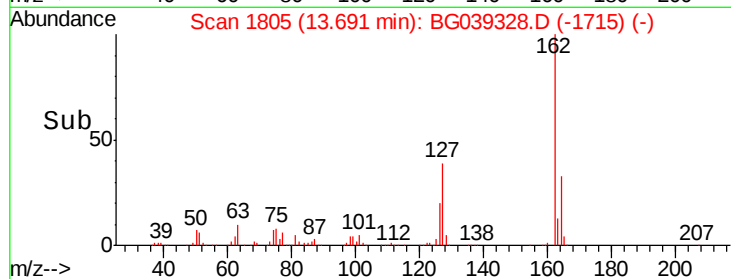
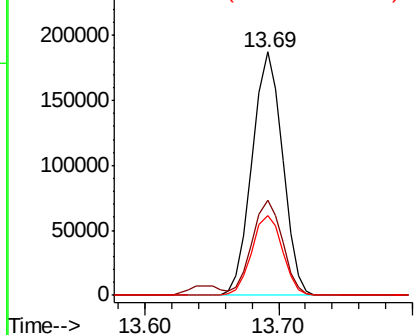


Abundance

Ion 162.00 (161.70 to 162.70): E

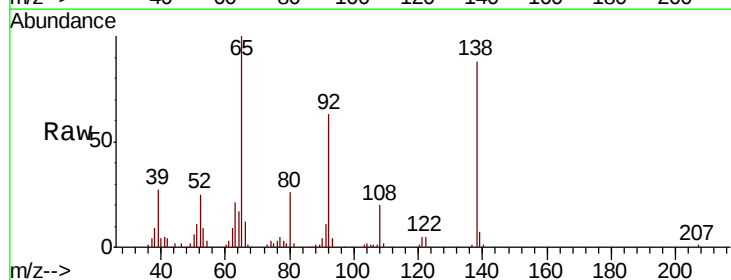
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 44.429 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	51.4	77.2
138	88.4	71.4	107.2

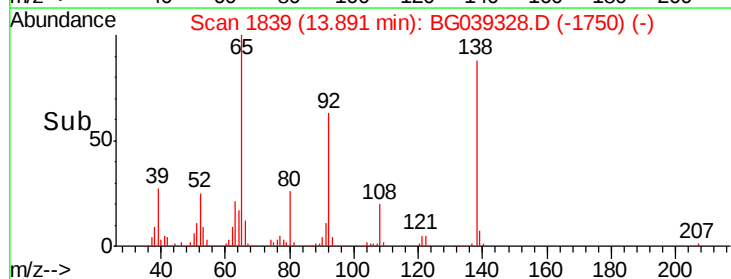
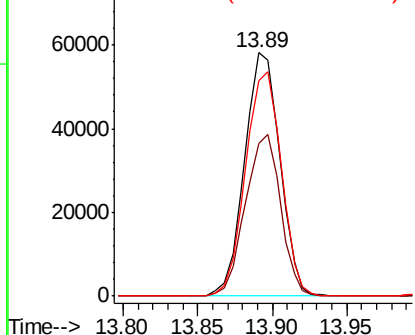


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.426 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

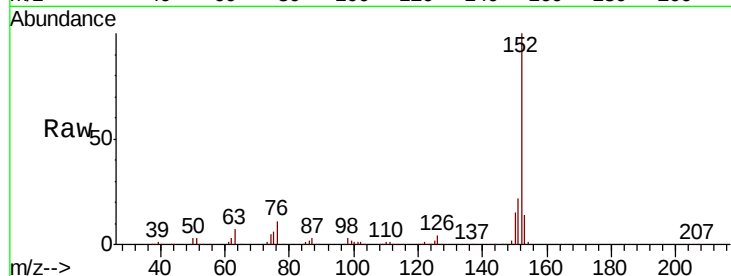
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 485457

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.8	25.2
153	14.2	11.7	17.5

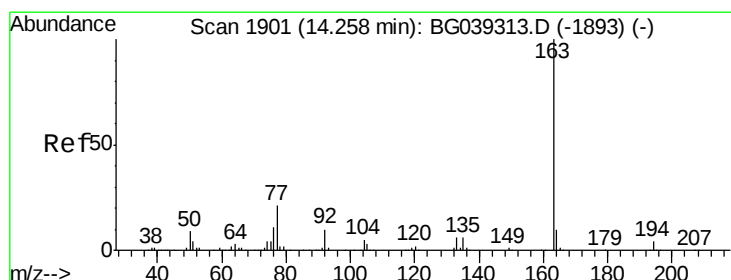
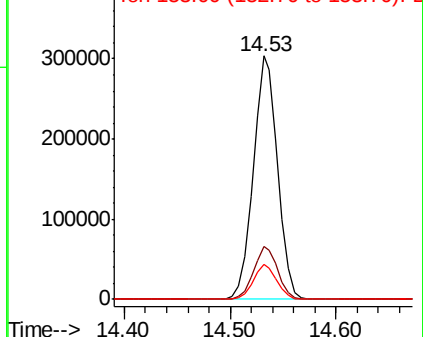
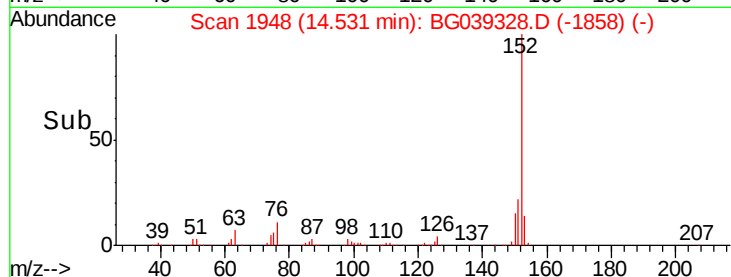


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.577 ng

RT: 14.26 min Scan# 1901

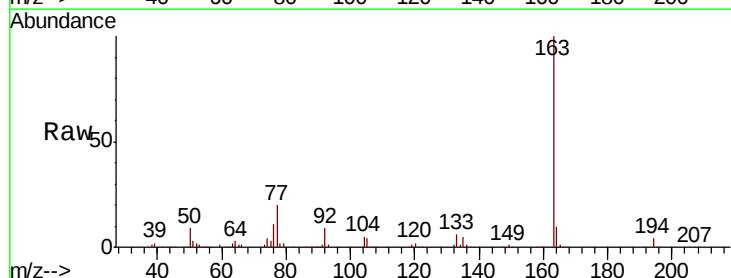
Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Tgt Ion:163 Resp: 397043

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.0	8.4	12.6

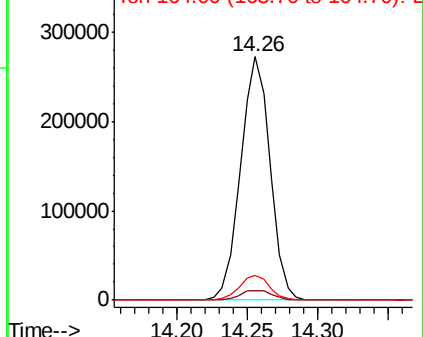
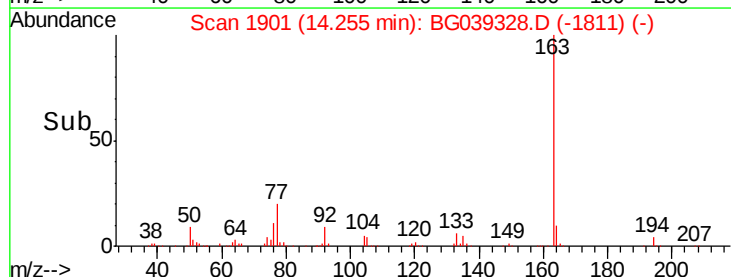


Abundance

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

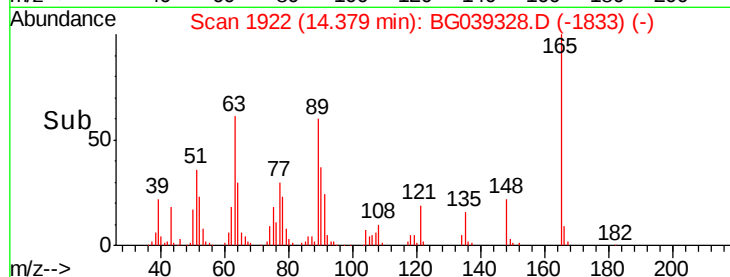
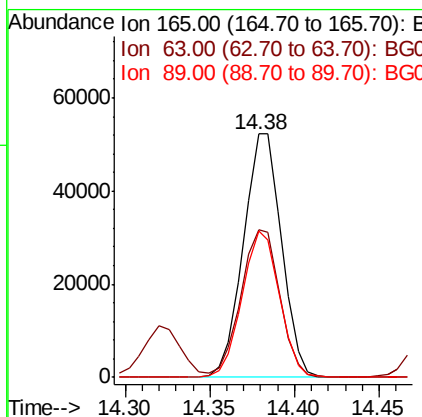
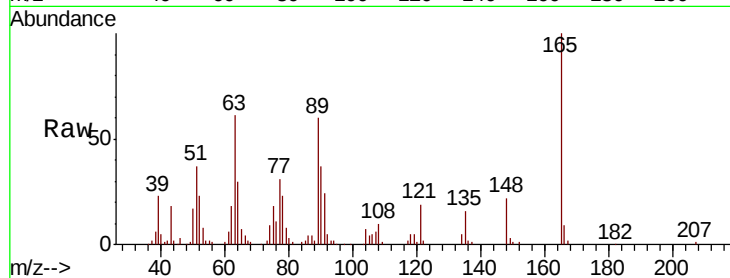




#51
 2,6-Dinitrotoluene
 Concen: 45.337 ng
 RT: 14.38 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BG039328.D
 Acq: 30 Jan 2019 15:13

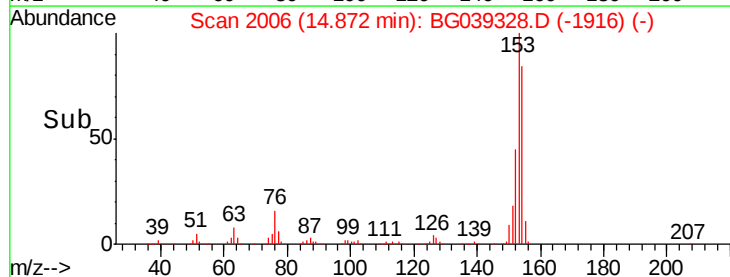
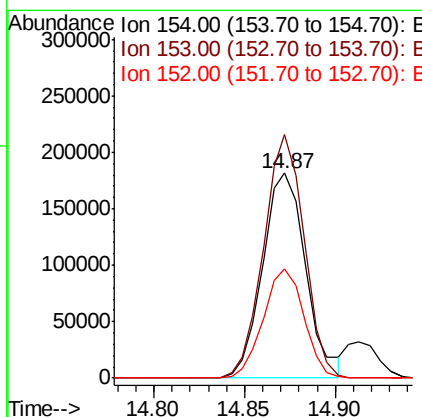
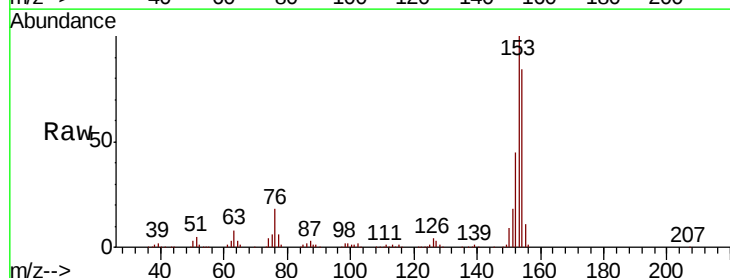
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 82139
 Ion Ratio Lower Upper
 165 100
 63 60.8 47.0 70.6
 89 60.3 45.8 68.8



#52
 Acenaphthene
 Concen: 40.502 ng
 RT: 14.87 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BG039328.D
 Acq: 30 Jan 2019 15:13

Tgt Ion:154 Resp: 300829
 Ion Ratio Lower Upper
 154 100
 153 118.7 90.1 135.1
 152 53.5 40.9 61.3





#53

3-Nitroaniline

Concen: 29.012 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampled :

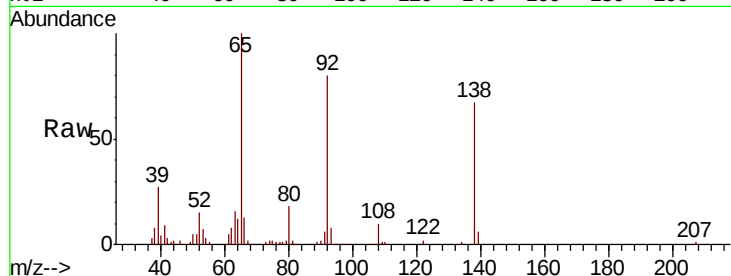
Tot Ion:138 Resp: 52107

Ion Ratio Lower Upper

138 100

108 15.3 13.8 20.8

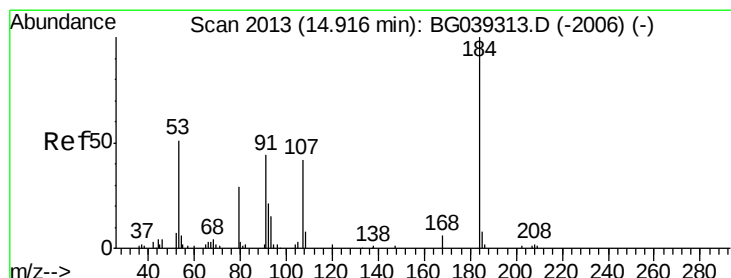
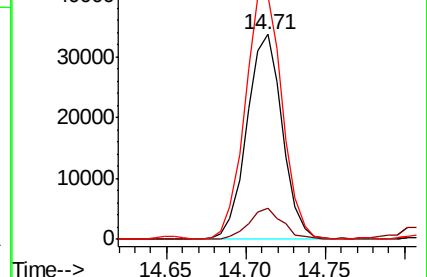
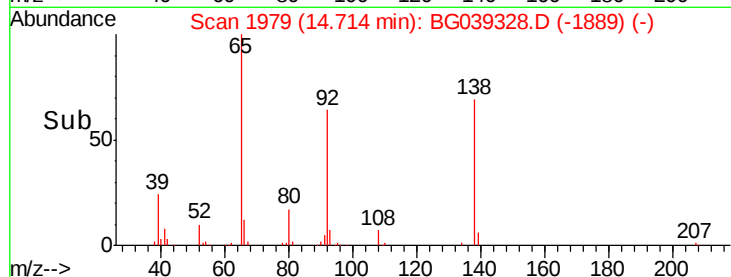
92 119.0 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 91.886 ng

RT: 14.91 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

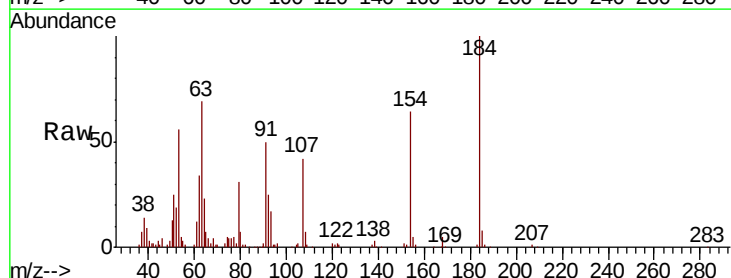
Tgt Ion:184 Resp: 79740

Ion Ratio Lower Upper

184 100

63 69.3 50.9 76.3

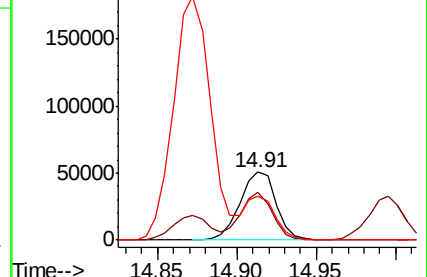
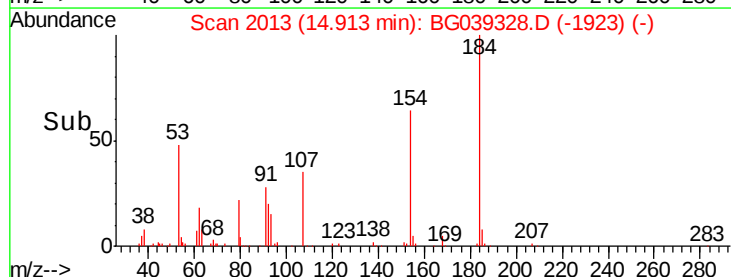
154 64.2 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.972 ng

RT: 15.20 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

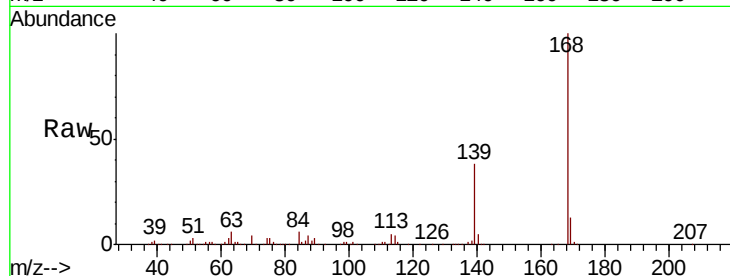
Tot Ion:168 Resp: 476019

Ion Ratio Lower Upper

168 100

139 37.8 30.1 45.1

169 13.3 10.6 16.0

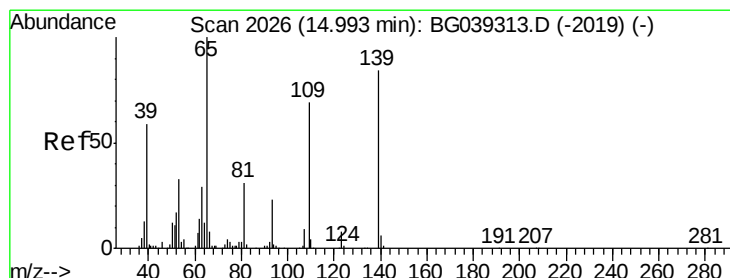
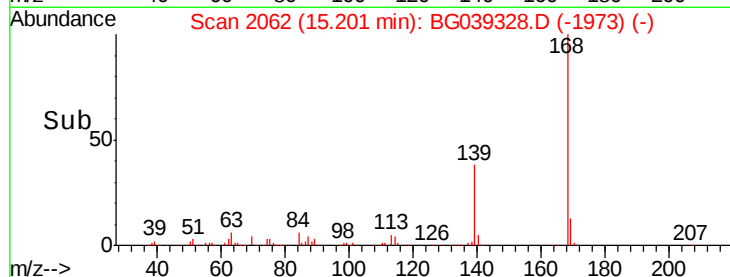
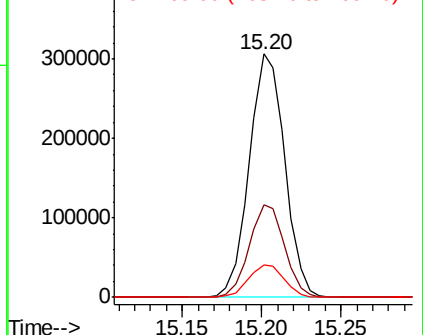


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.728 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

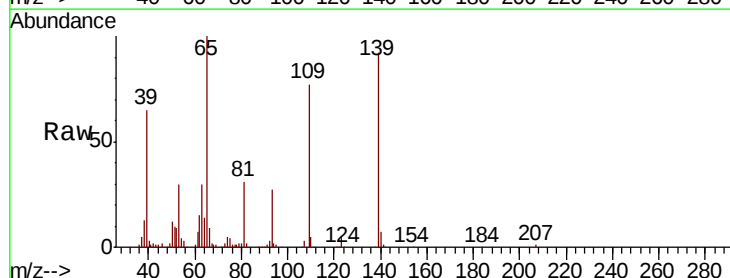
Tgt Ion:139 Resp: 156276

Ion Ratio Lower Upper

139 100

109 84.0 61.9 101.9

65 109.1 99.1 139.1

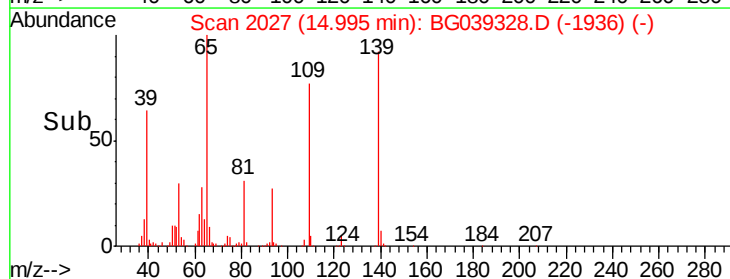
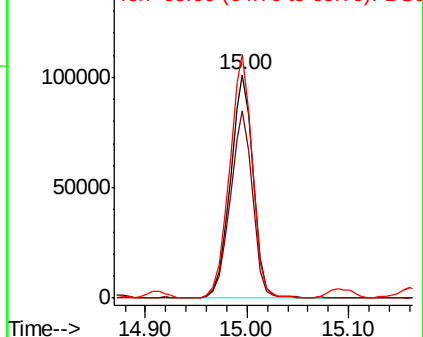


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 48.735 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 114500

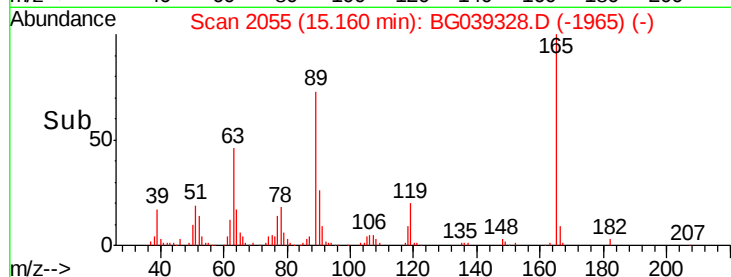
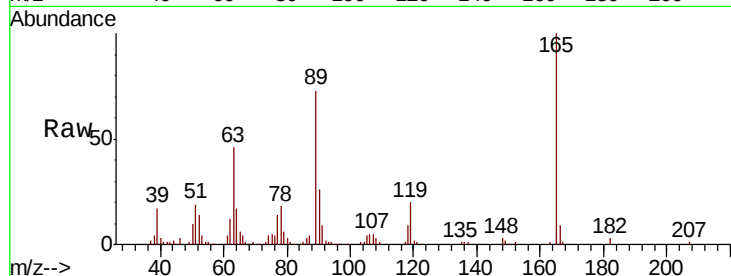
Ion Ratio Lower Upper

165 100

63 46.4 41.0 61.6

89 72.8 64.6 96.8

182 3.0 2.0 3.0

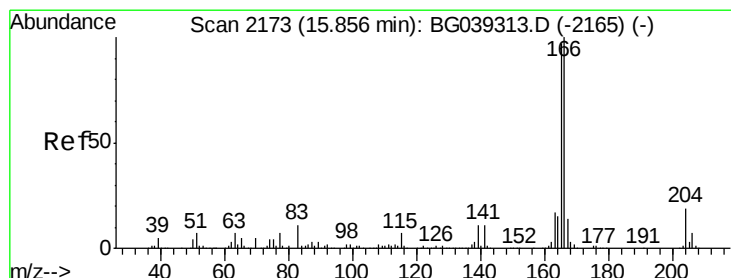
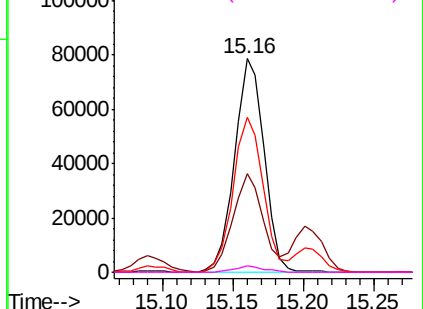


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.649 ng

RT: 15.85 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

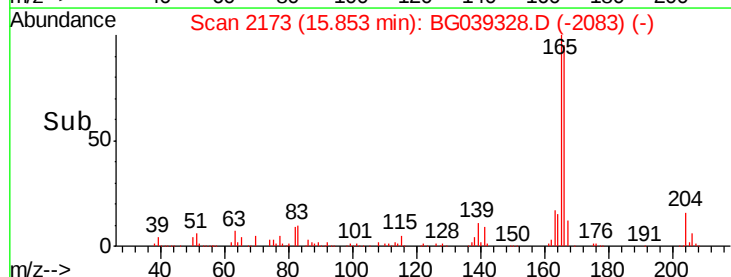
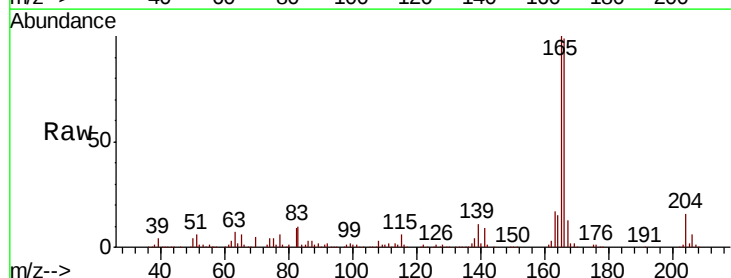
Tgt Ion:166 Resp: 378623

Ion Ratio Lower Upper

166 100

165 101.4 77.9 116.9

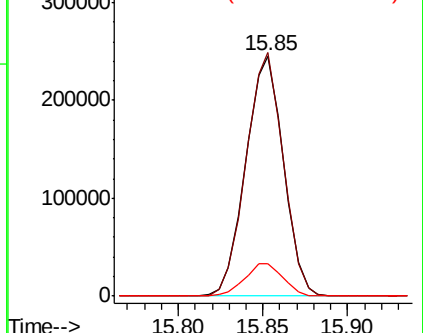
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

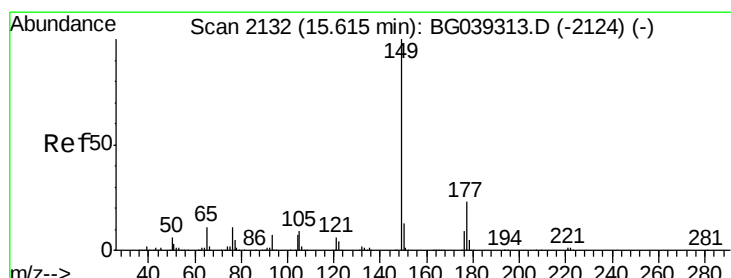
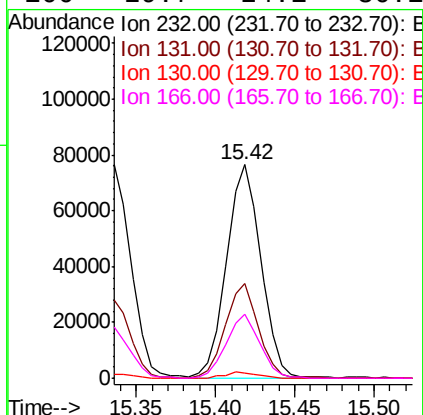
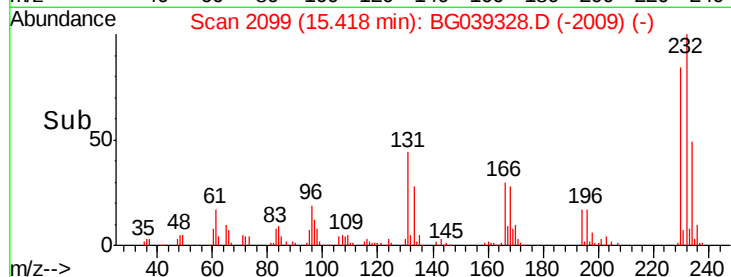
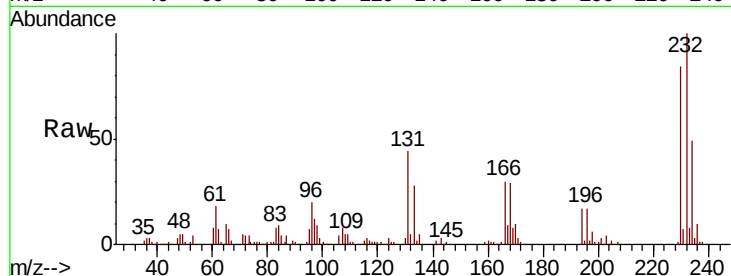




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.195 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG039328.D
 Acq: 30 Jan 2019 15:13

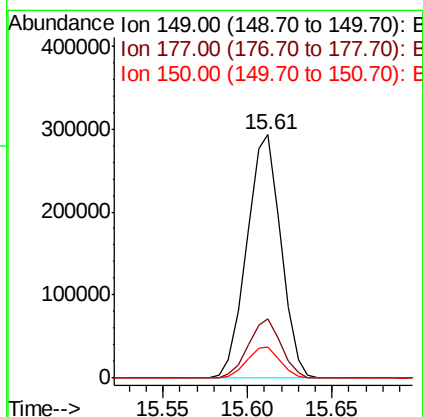
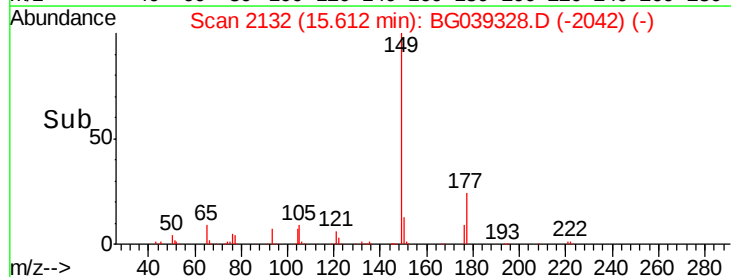
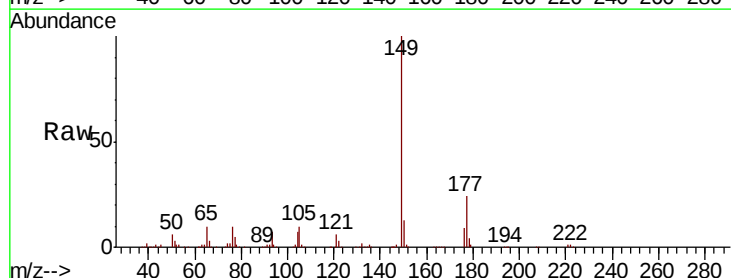
Instrument :
 BNA_G
 ClientSampled :

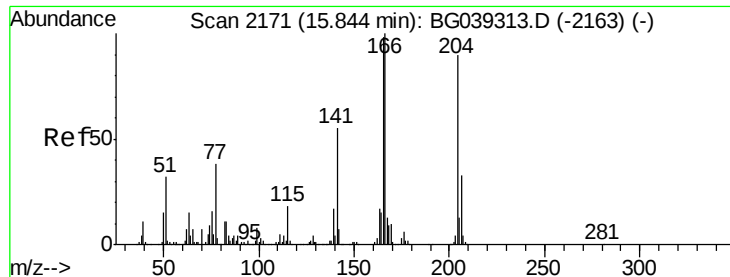
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	34.9	52.3
130	2.8	2.0	3.0
166	29.7	24.1	36.1



#60
 Diethylphthalate
 Concen: 40.656 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG039328.D
 Acq: 30 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	12.7	10.2	15.2

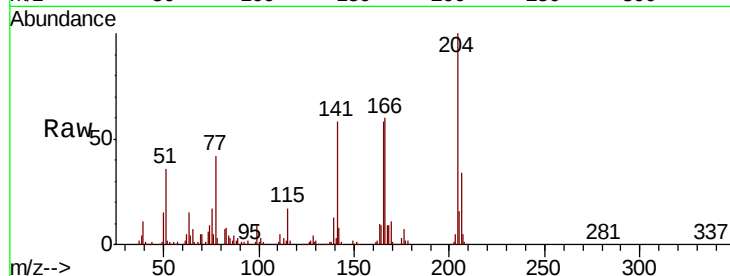




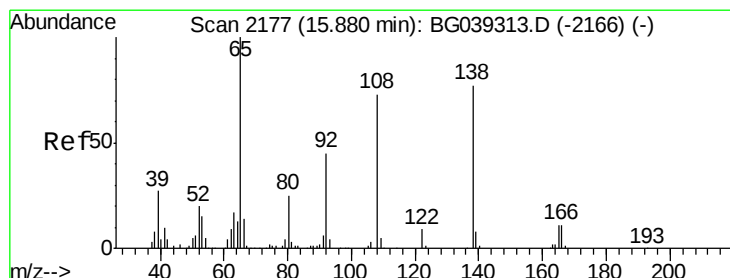
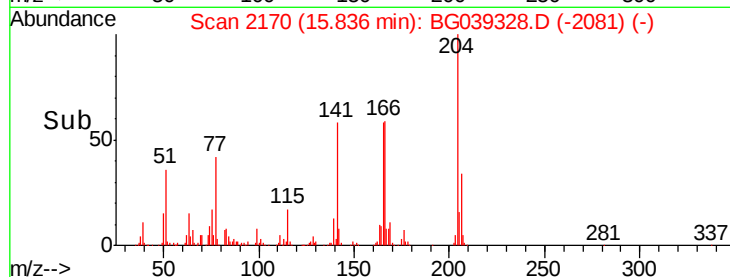
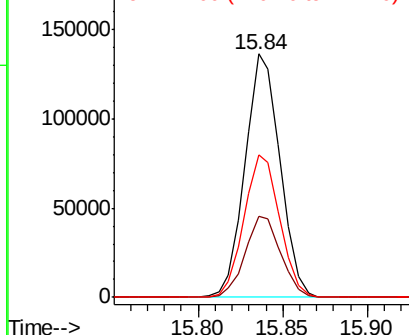
#61
 4-Chlorophenyl-phenylether
 Concen: 39.009 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BG039328.D
 Acq: 30 Jan 2019 15:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	29.2	43.8
141	58.5	49.0	73.4

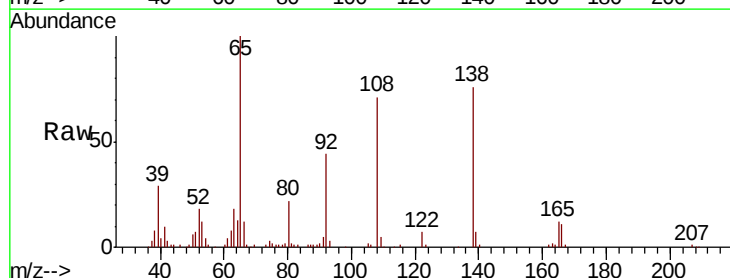


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

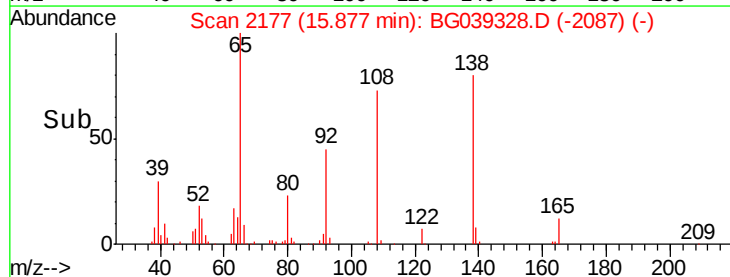
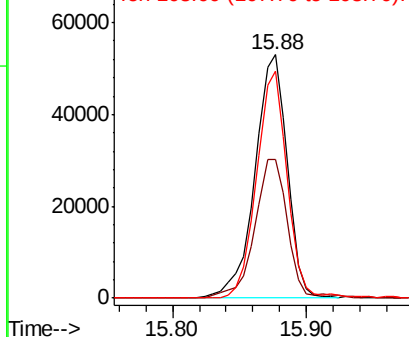


#62
 4-Nitroaniline
 Concen: 43.515 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG039328.D
 Acq: 30 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.1	38.7	78.7
108	93.5	74.6	114.6



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





#63

Azobenzene

Concen: 38.332 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 379040

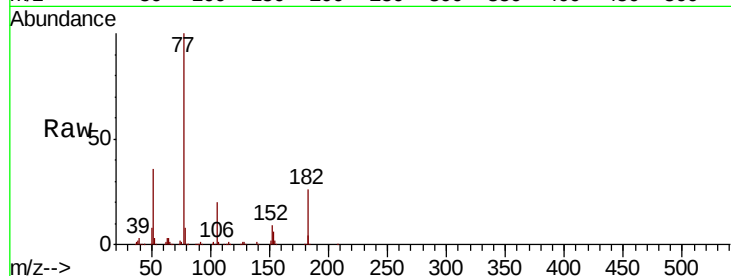
Ion Ratio Lower Upper

77 100

182 25.7 6.4 46.4

105 19.6 0.0 39.8

51 36.4 14.1 54.1

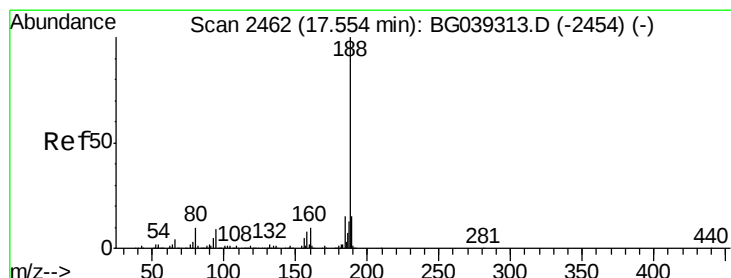
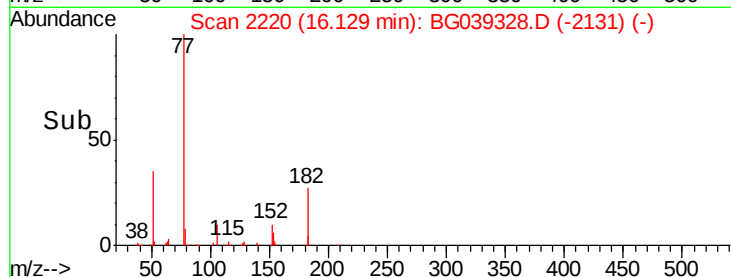
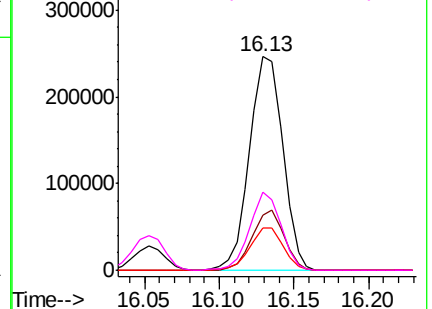


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

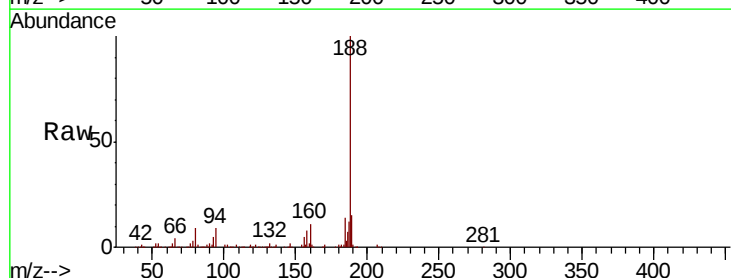
Tgt Ion: 188 Resp: 298590

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

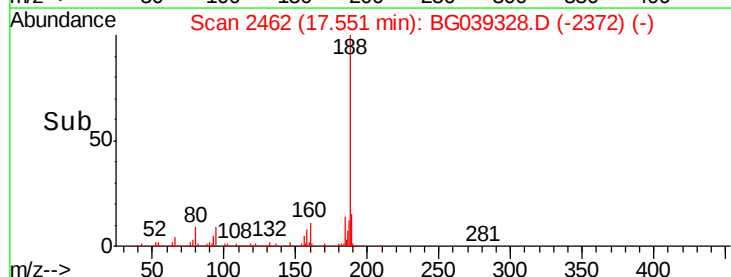
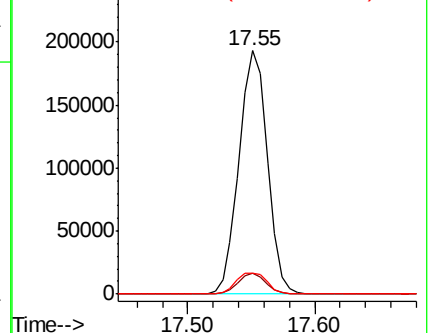
80 8.8 8.1 12.1

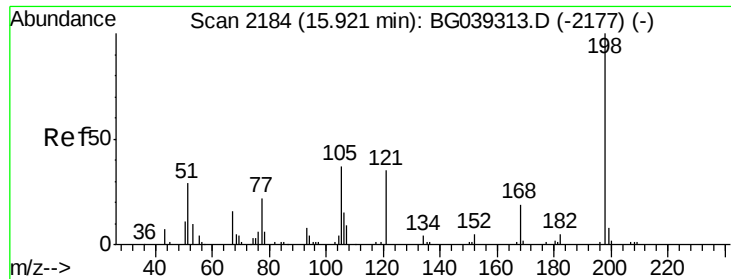


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 49.422 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

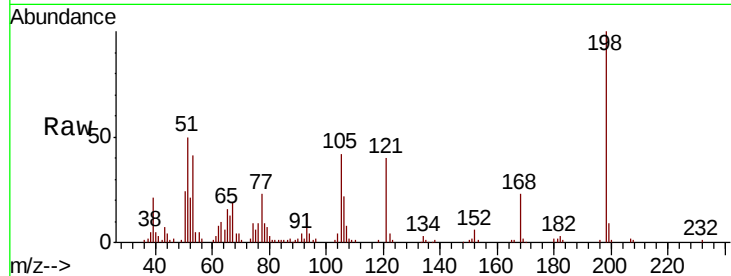
Tot Ion:198 Resp: 58838

Ion Ratio Lower Upper

198 100

51 50.3 27.4 67.4

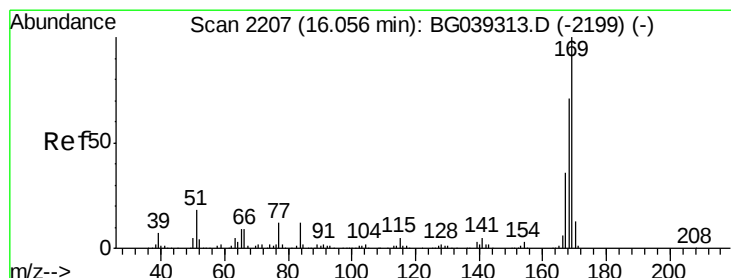
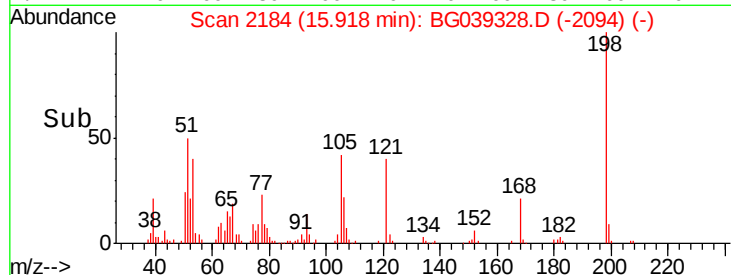
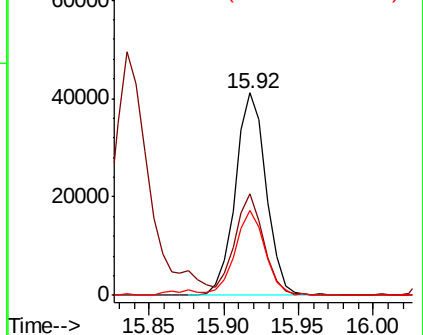
105 42.0 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.455 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

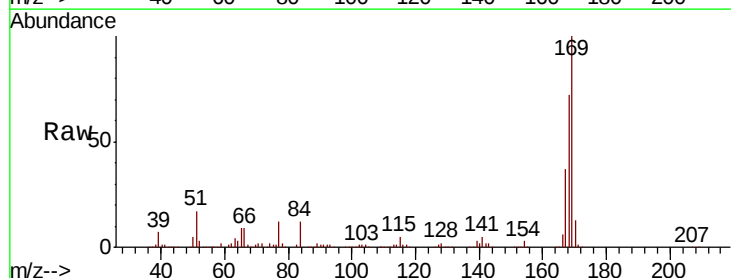
Tgt Ion:169 Resp: 349138

Ion Ratio Lower Upper

169 100

168 71.9 56.6 85.0

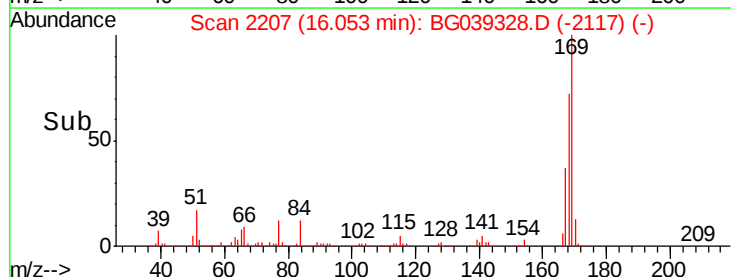
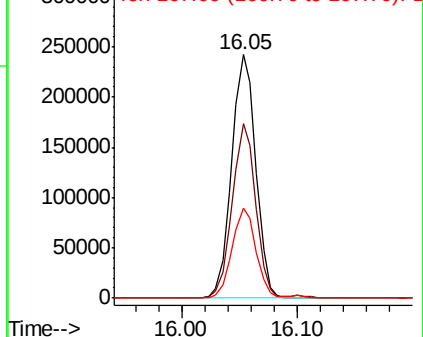
167 36.8 28.8 43.2

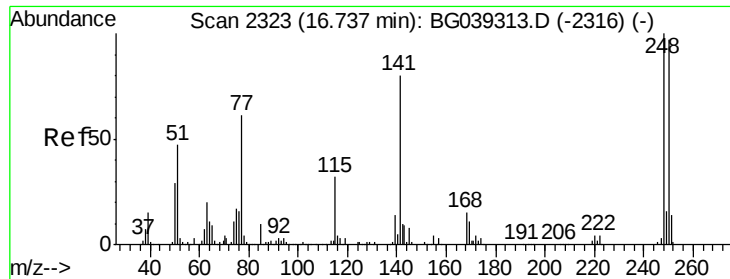


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

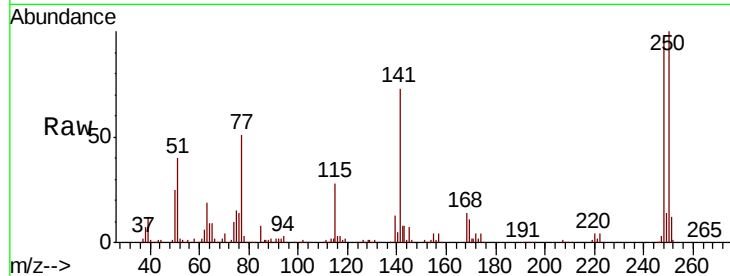




#67
4-Bromophenyl-phenylether
Concen: 38.076 ng
RT: 16.73 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	105.2	77.6	116.4
141	77.3	63.9	95.9

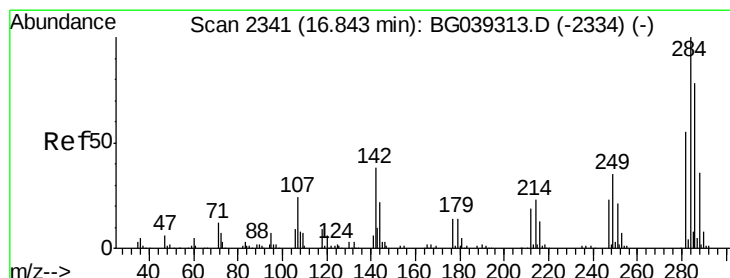
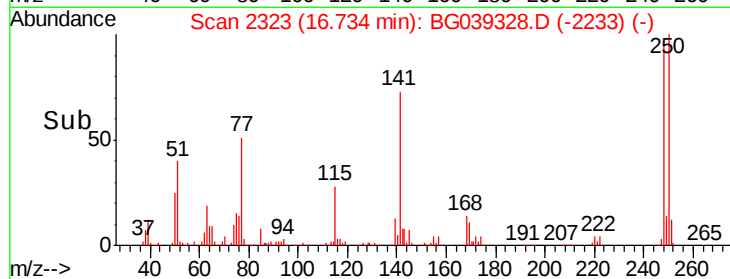
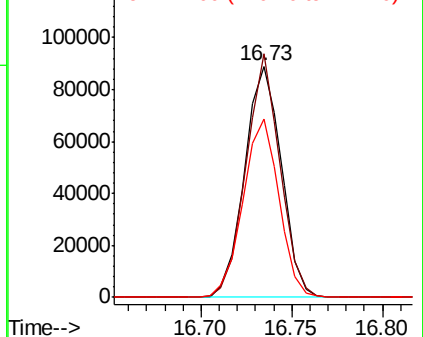


Abundance

Ion 248.00 (247.70 to 248.70): E

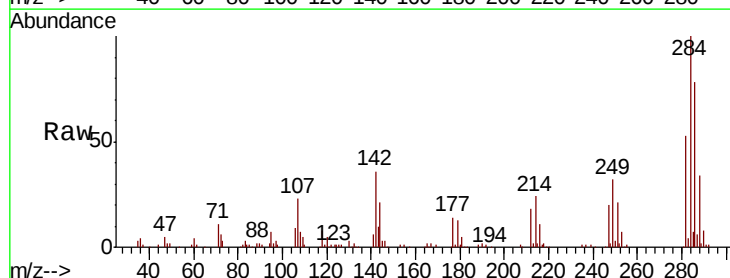
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.230 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	30.6	45.8
249	31.6	28.2	42.2

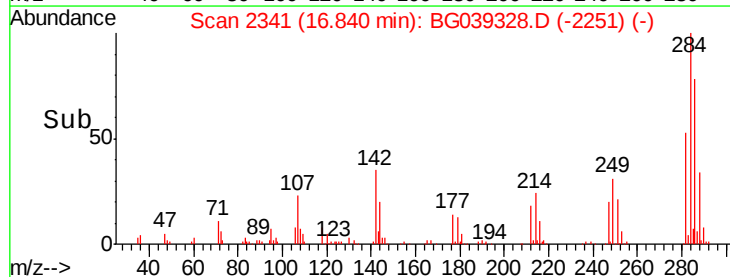
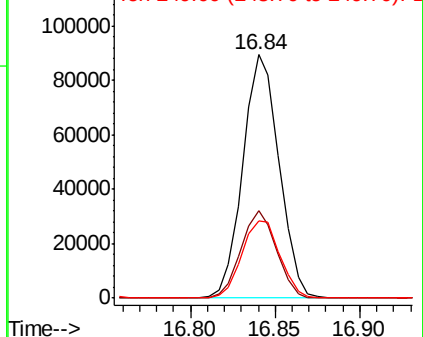


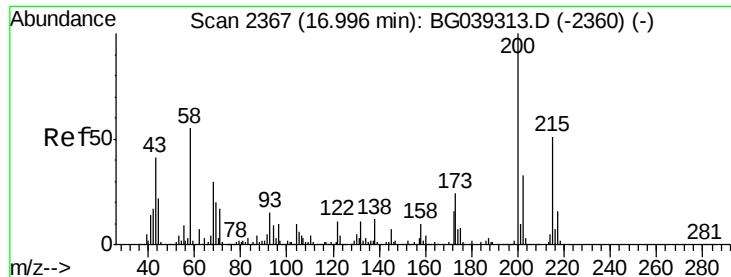
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.600 ng

RT: 16.99 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampled :

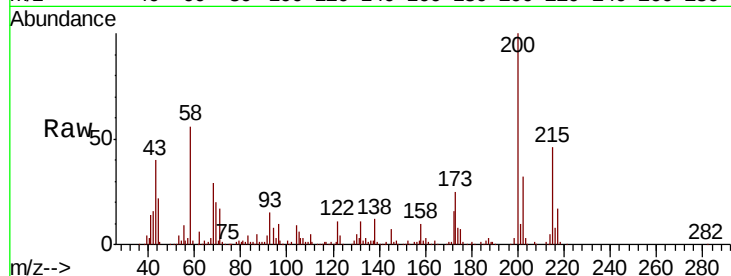
Tot Ion:200 Resp: 144660

Ion Ratio Lower Upper

200 100

173 24.7 3.9 43.9

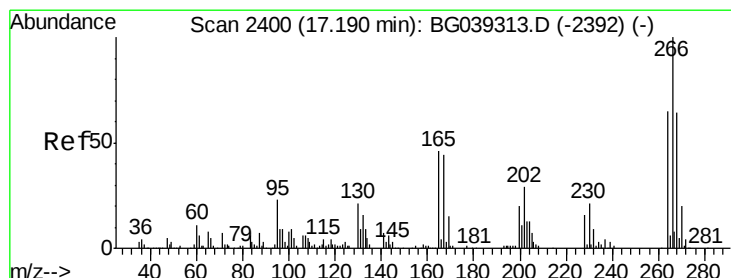
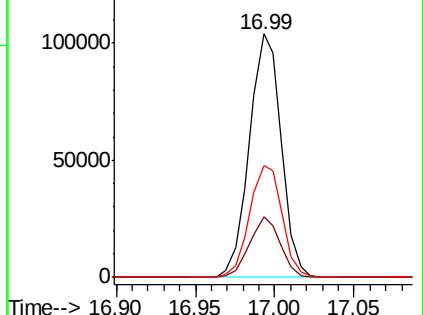
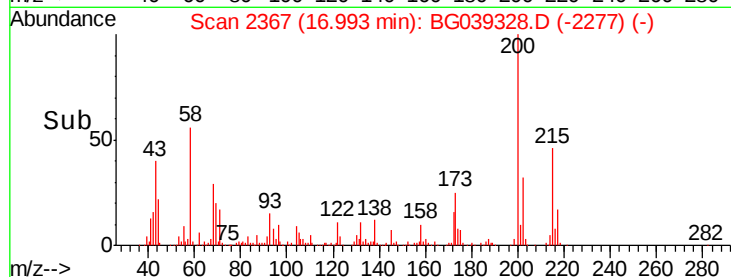
215 46.2 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.274 ng

RT: 17.19 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

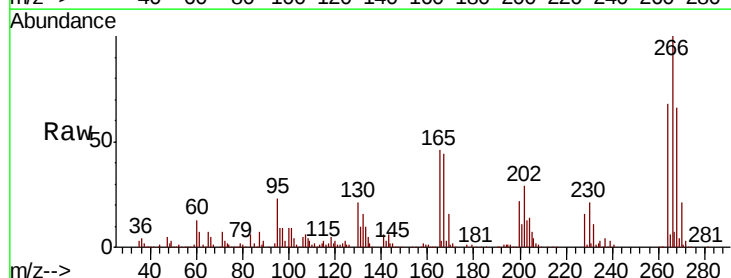
Tgt Ion:266 Resp: 180803

Ion Ratio Lower Upper

266 100

268 65.9 51.1 76.7

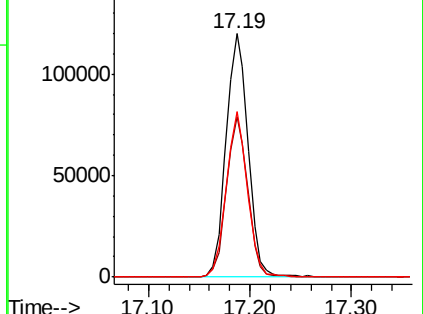
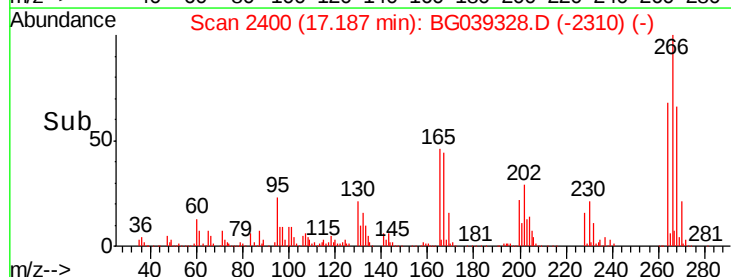
264 67.8 52.1 78.1

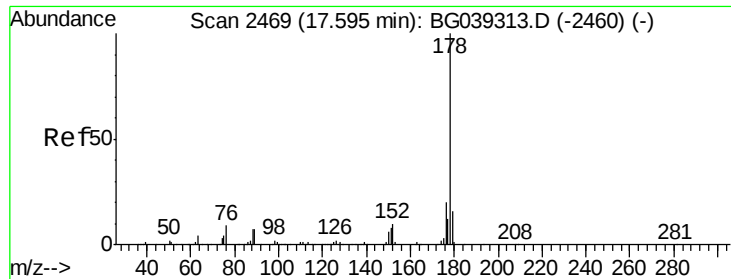


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

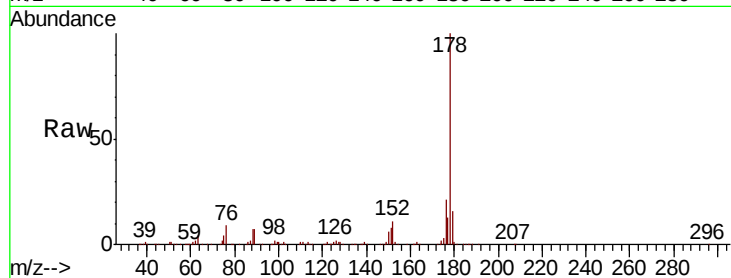




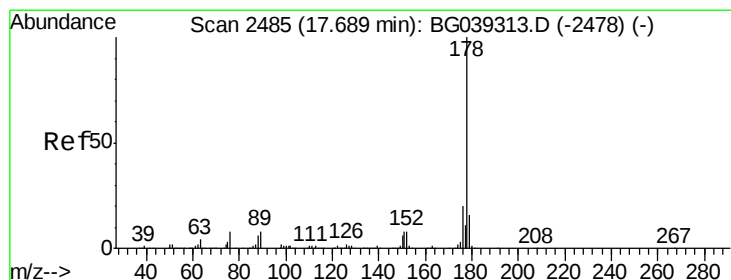
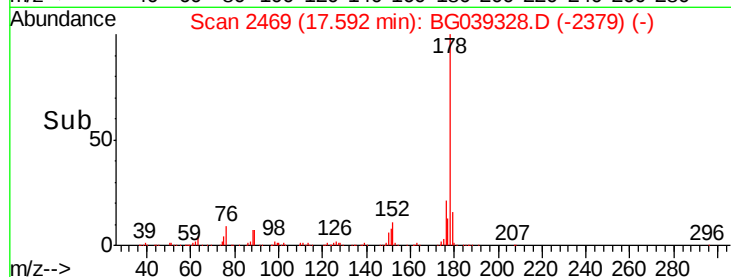
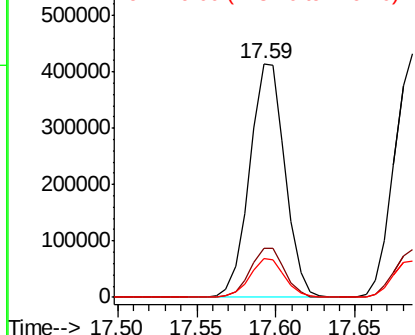
#71
Phenanthrene
Concen: 41.489 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 641177
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.3 12.6 19.0

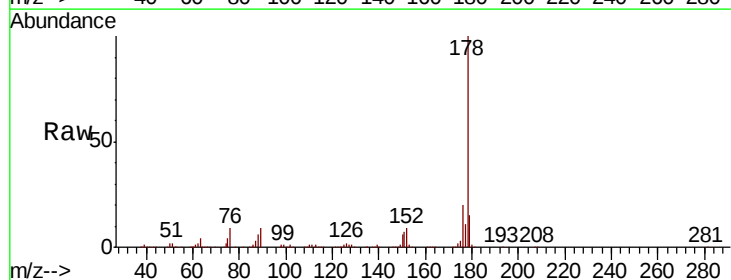


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

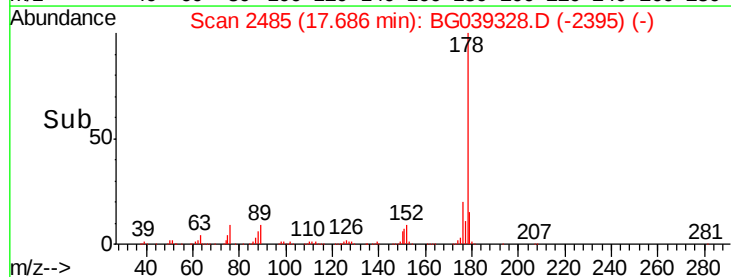
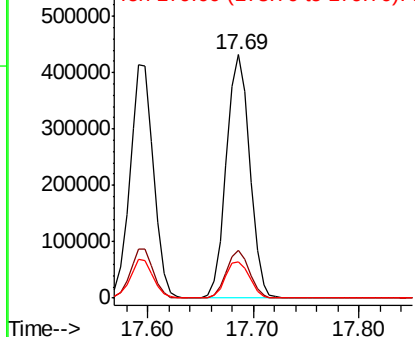


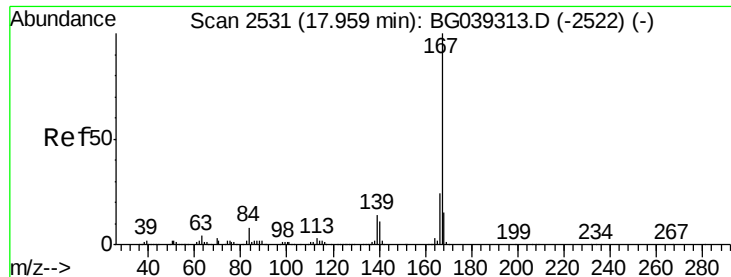
#72
Anthracene
Concen: 43.355 ng
RT: 17.69 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Tgt Ion:178 Resp: 659969
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

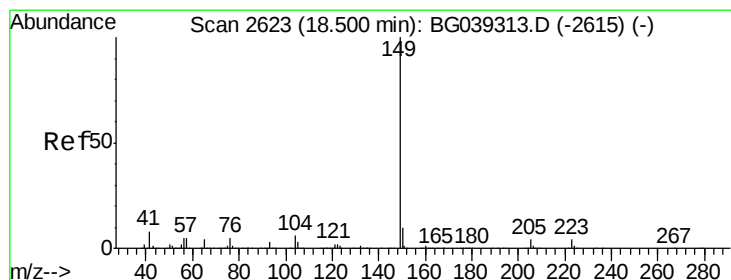
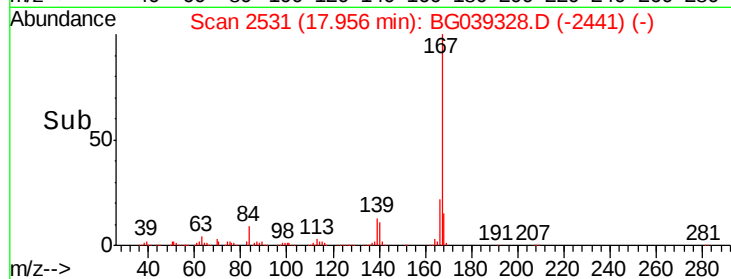
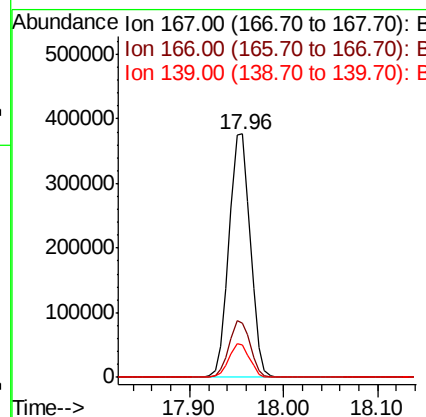
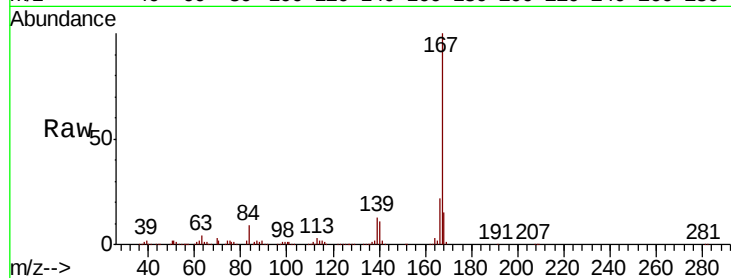




#73
 Carbazole
 Concen: 39.129 ng
 RT: 17.96 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BG039328.D
 Acq: 30 Jan 2019 15:13

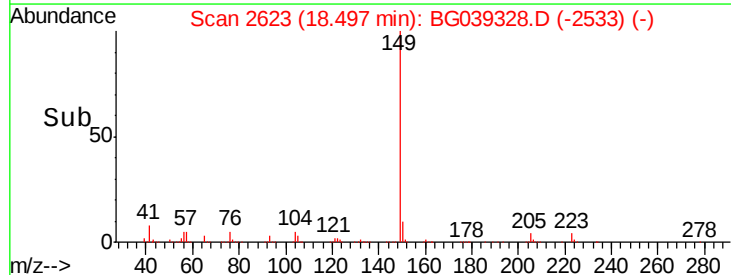
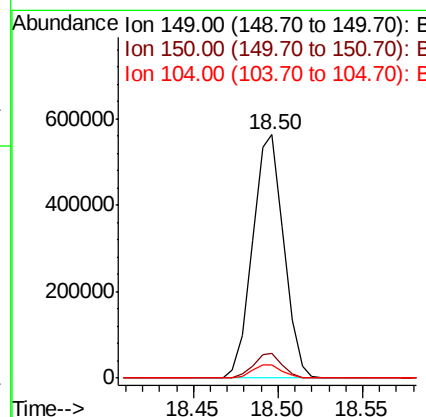
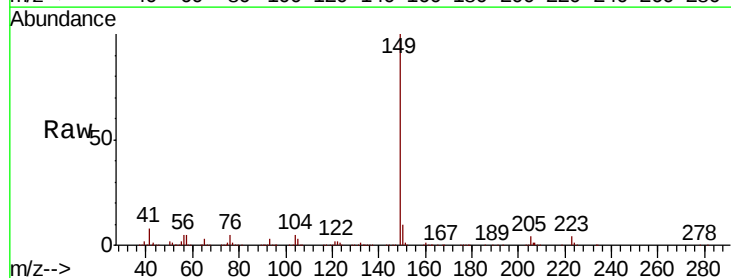
Instrument :
 BNA_G
 ClientSampled :

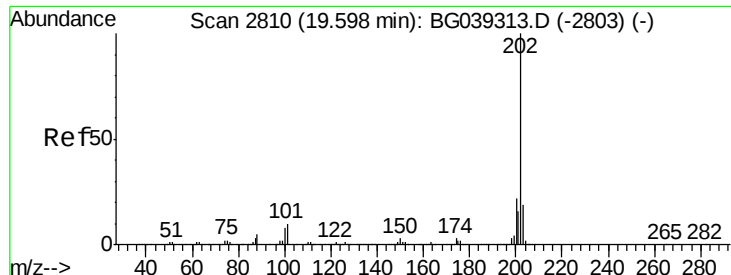
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	19.4	29.2
139	13.2	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 40.939 ng
 RT: 18.50 min Scan# 2623
 Delta R.T. -0.00 min
 Lab File: BG039328.D
 Acq: 30 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 44.100 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG039328.D

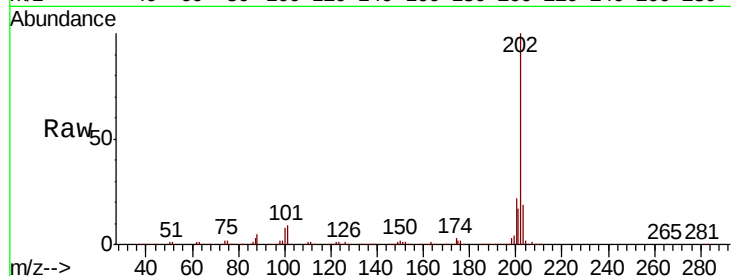
Acq: 30 Jan 2019 15:13

Instrument :

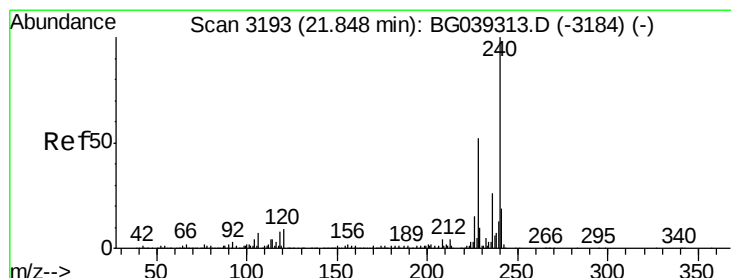
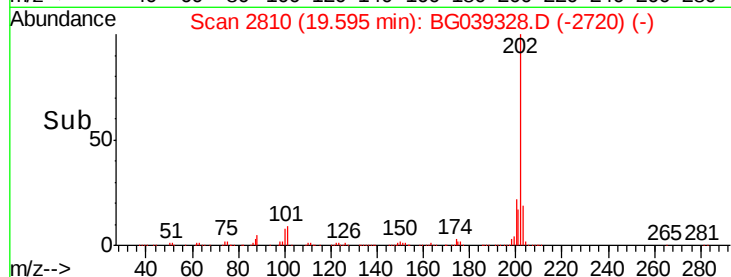
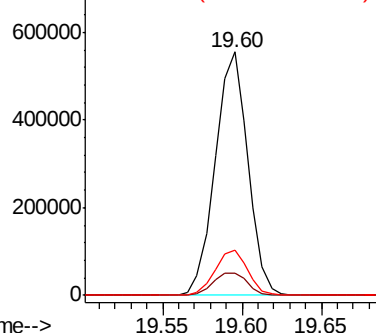
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	791045
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	30.0
203	18.7	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

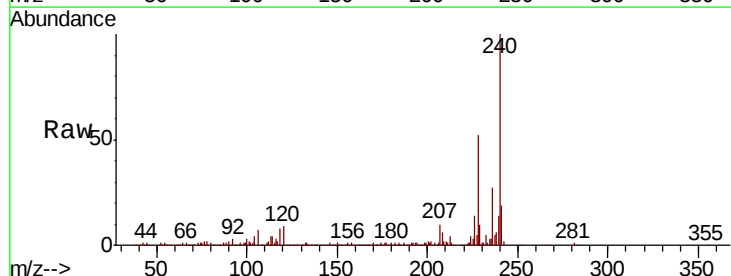
RT: 21.85 min Scan# 3193

Delta R.T. -0.00 min

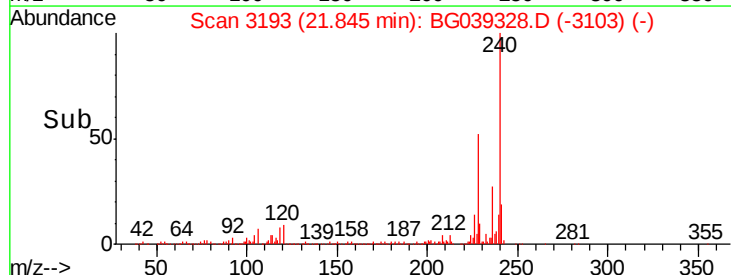
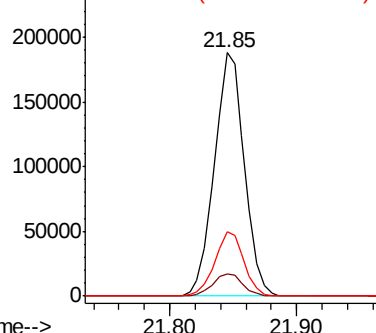
Lab File: BG039328.D

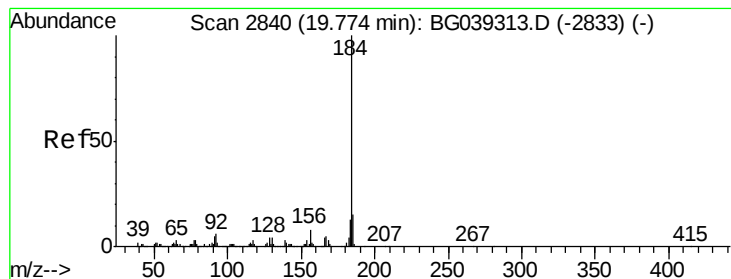
Acq: 30 Jan 2019 15:13

Tgt Ion:	240	Resp:	308503
Ion Ratio	Lower	Upper	
240	100		
120	9.2	7.0	10.6
236	26.5	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: 27.717 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampled :

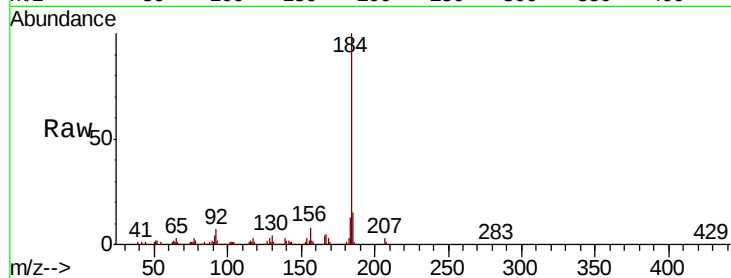
Tot Ion:184 Resp: 280344

Ion Ratio Lower Upper

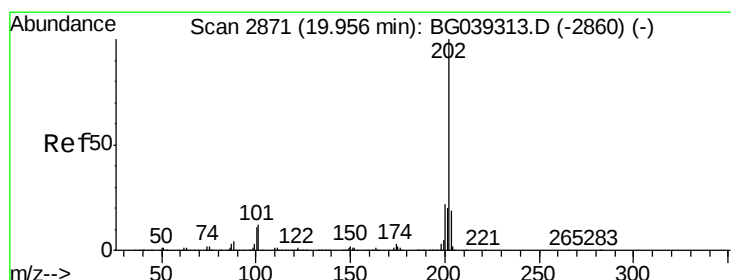
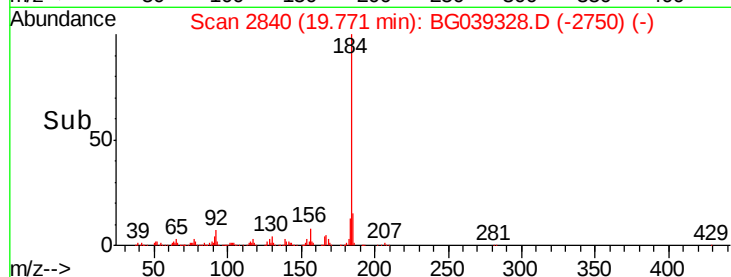
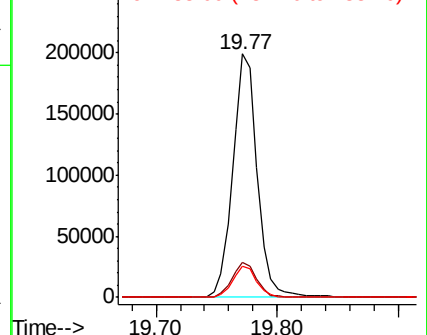
184 100

185 14.6 12.2 18.2

183 12.9 10.6 15.8



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



#78

Pyrene

Concen: 41.469 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

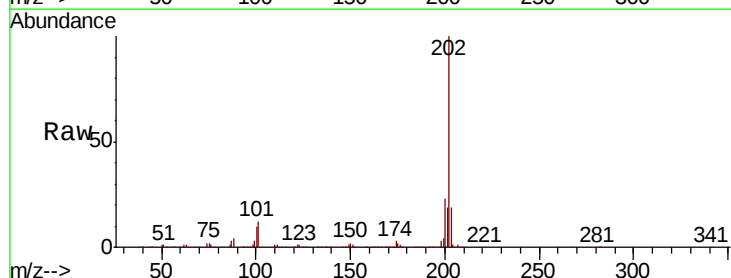
Tgt Ion:202 Resp: 796412

Ion Ratio Lower Upper

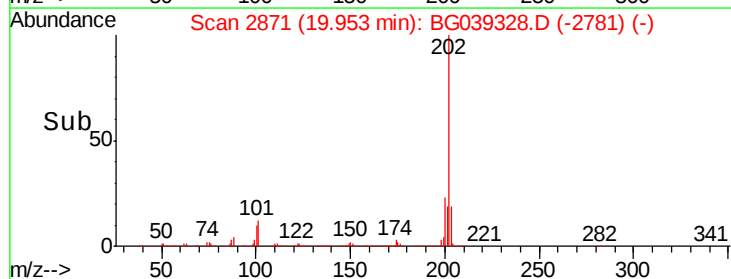
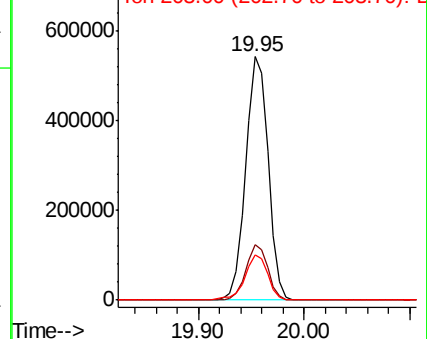
202 100

200 22.8 17.8 26.8

203 18.5 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.015 ng

RT: 20.15 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampled :

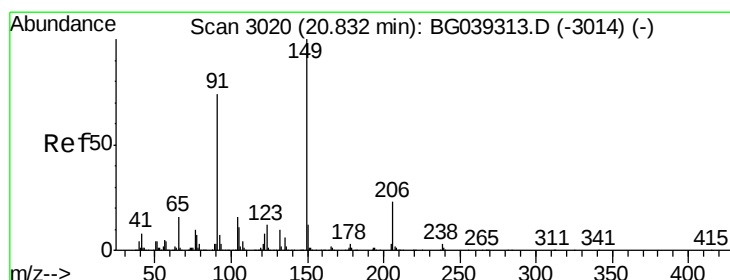
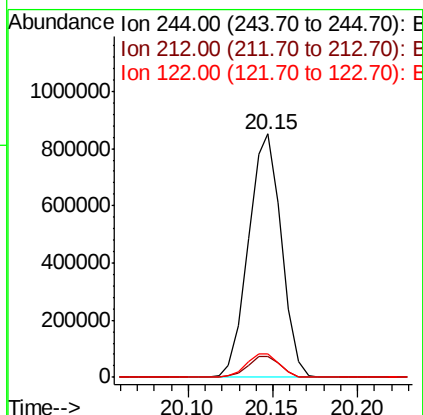
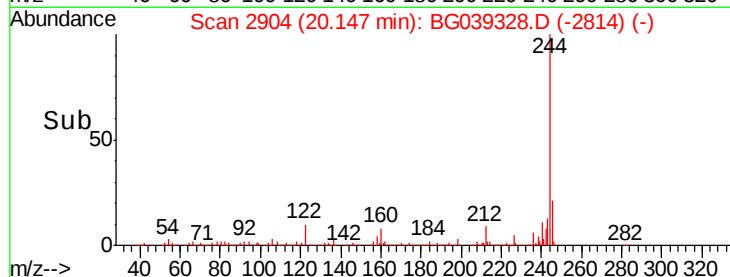
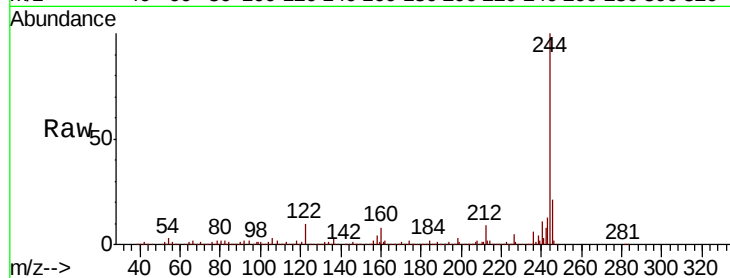
Tot Ion:244 Resp: 1151634

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

122 9.7 8.4 12.6



#80

Butylbenzylphthalate

Concen: 40.922 ng

RT: 20.83 min Scan# 3020

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

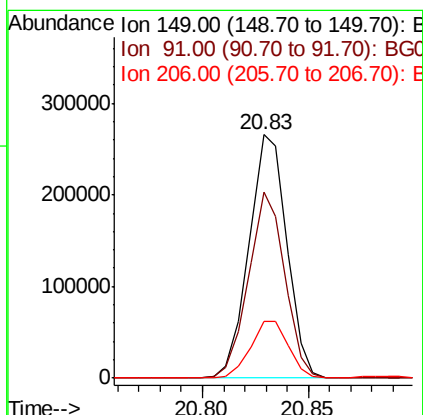
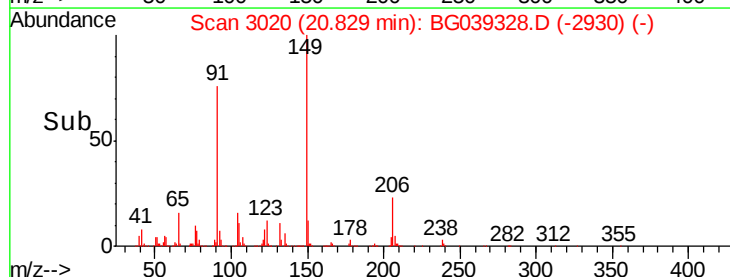
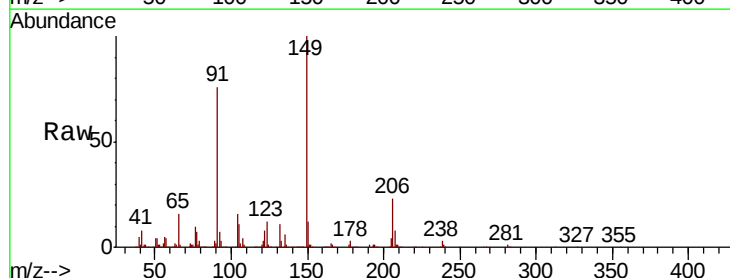
Tgt Ion:149 Resp: 331528

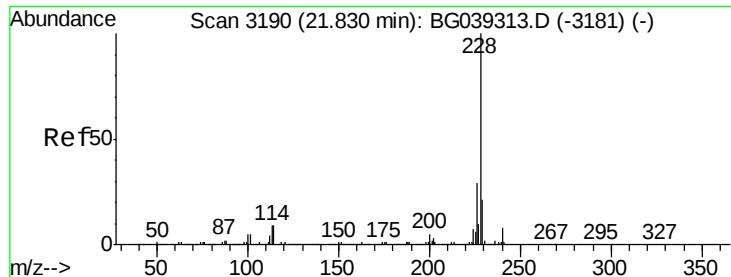
Ion Ratio Lower Upper

149 100

91 76.3 59.5 89.3

206 23.5 18.6 27.8





#81

Benzo(a)anthracene

Concen: 42.351 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

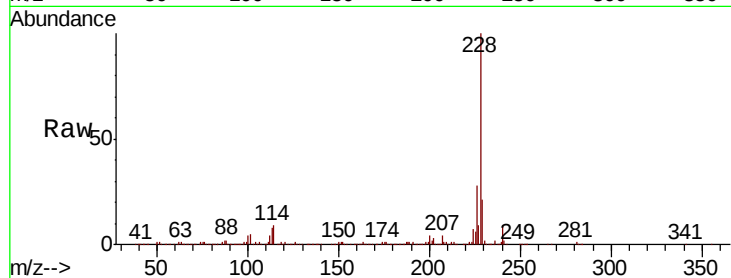
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 772021

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.6
229	21.0	16.9	25.3

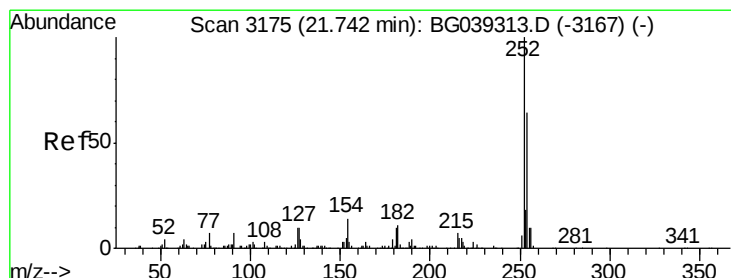
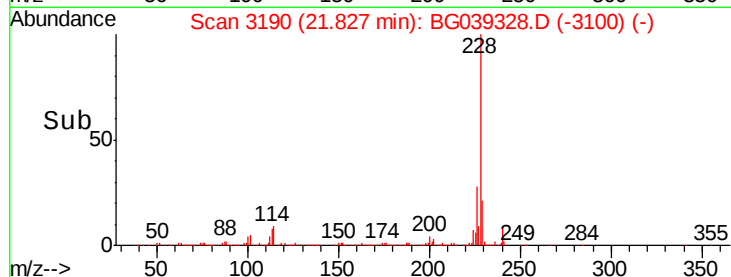
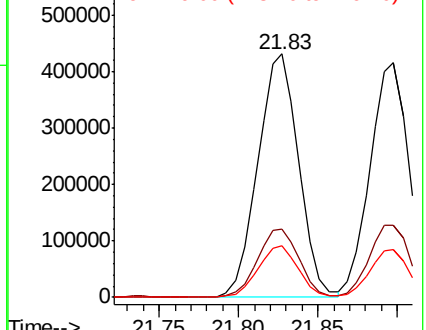


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.445 ng

RT: 21.73 min Scan# 3174

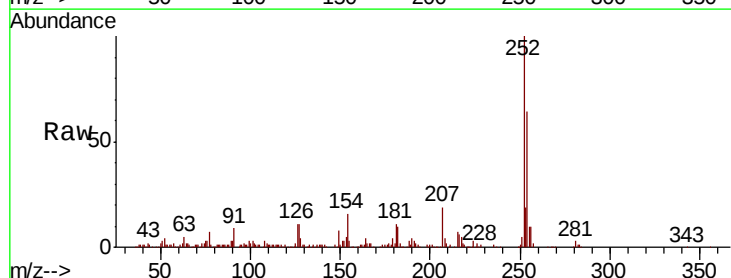
Delta R.T. -0.01 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Tgt Ion:252 Resp: 151710

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.3	76.9
126	11.0	8.0	12.0

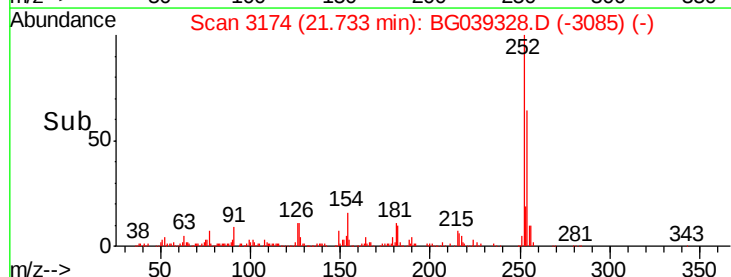
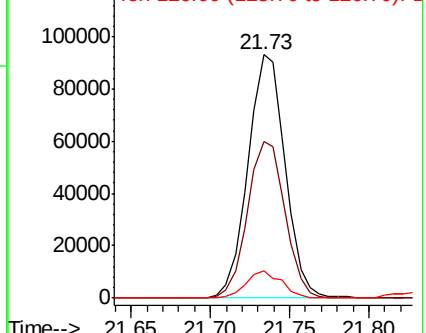


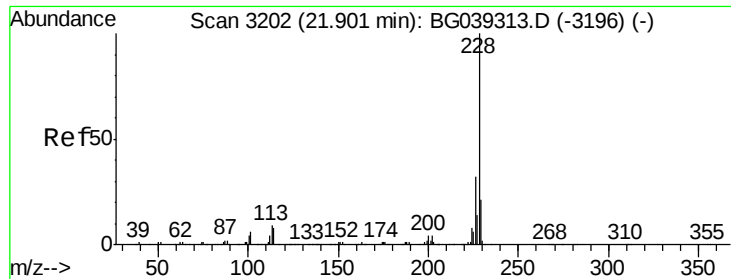
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

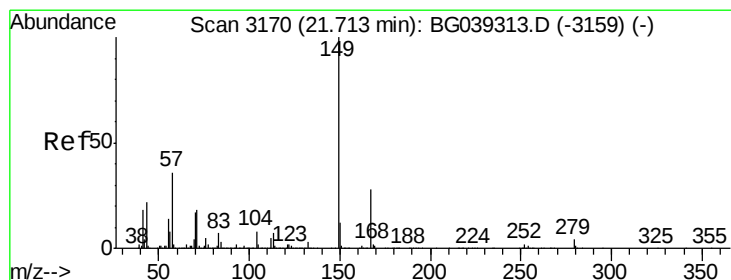
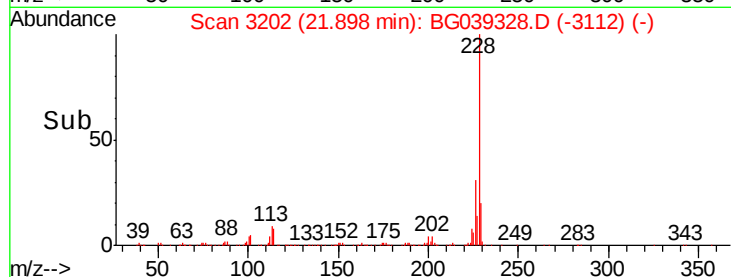
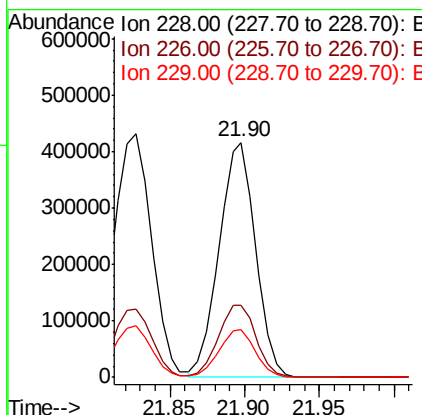
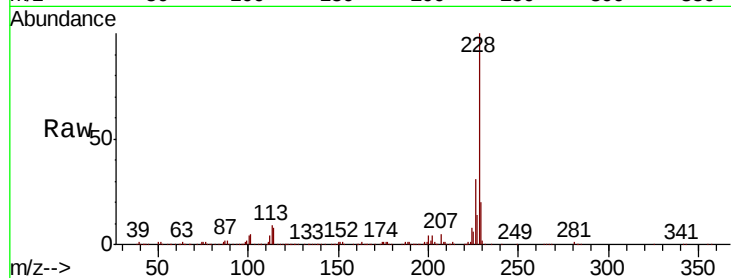




#83
Chrysene
Concen: 40.942 ng
RT: 21.90 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

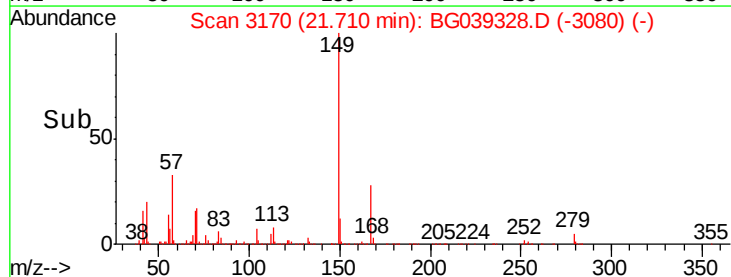
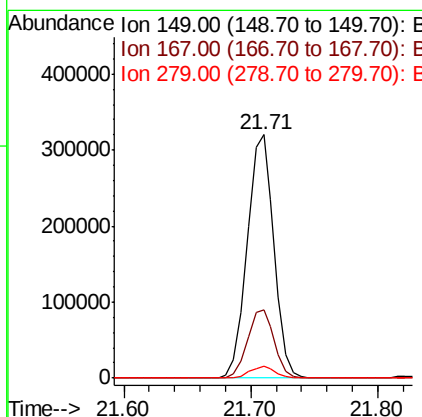
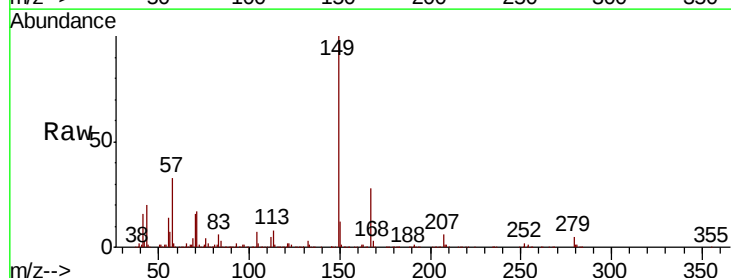
Instrument :
BNA_G
ClientSampled :

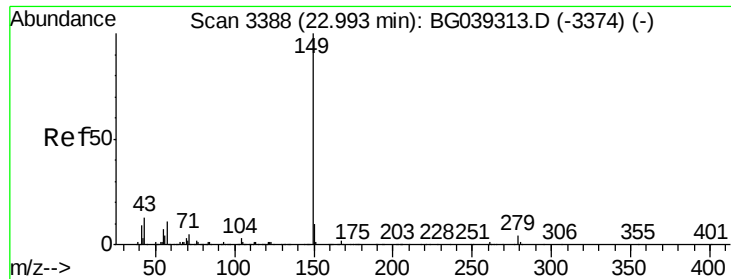
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.8	38.6
229	20.4	16.6	25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.347 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.6	34.0
279	5.2	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 42.028 ng

RT: 22.98 min Scan# 3387

Delta R.T. -0.01 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

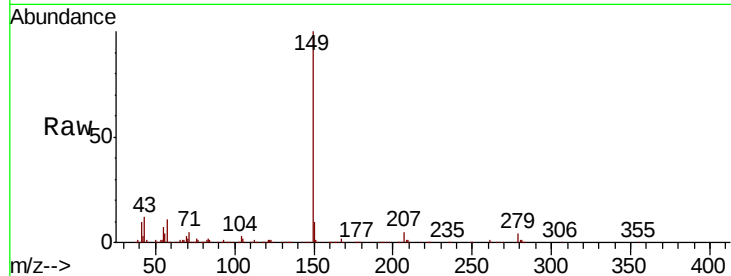
Tot Ion:149 Resp: 802515

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

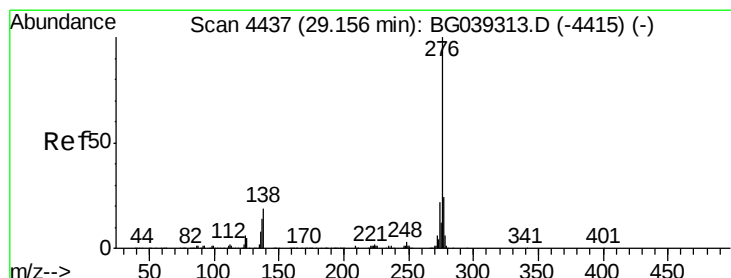
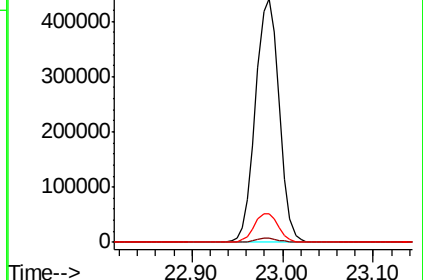
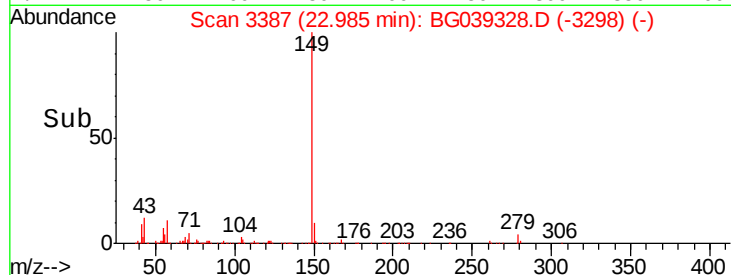
43 11.9 10.2 15.4



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: 44.934 ng

RT: 29.14 min Scan# 4435

Delta R.T. -0.01 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

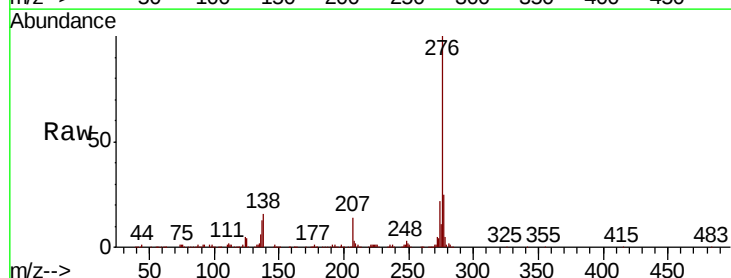
Tgt Ion:276 Resp: 836594

Ion Ratio Lower Upper

276 100

138 14.3 12.6 19.0

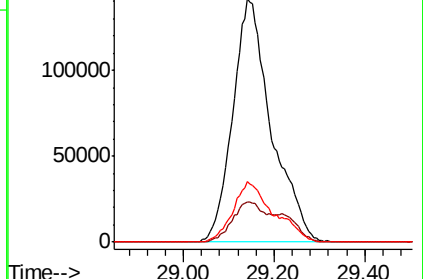
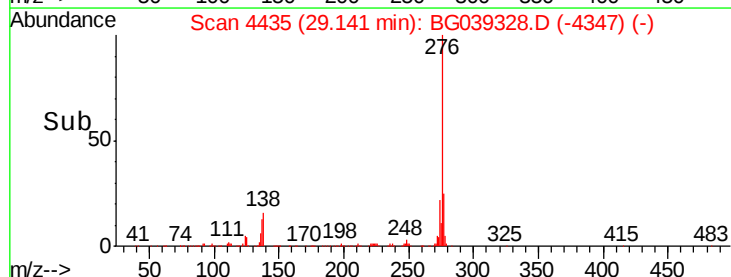
277 25.9 20.8 31.2



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



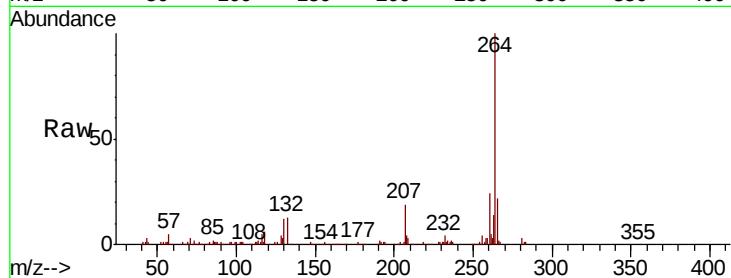


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.24 min Scan# 3771
Delta R.T. -0.00 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

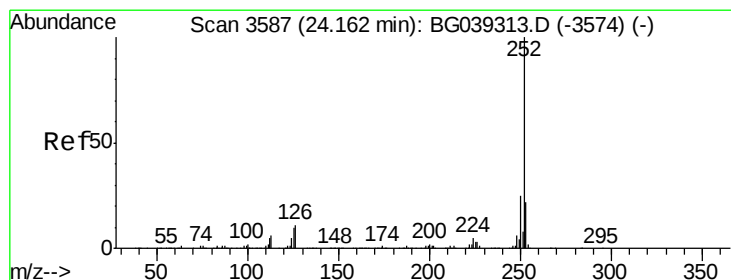
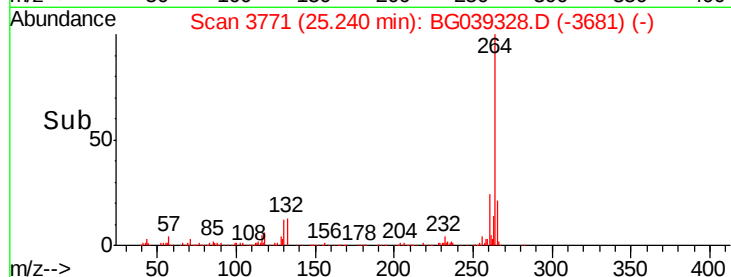
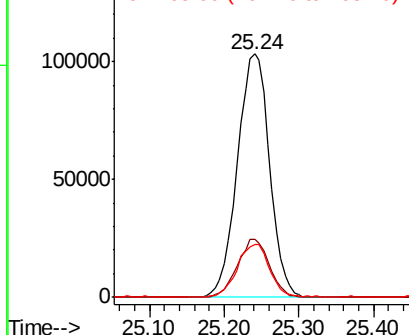
Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 308743

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.8	18.5	27.7



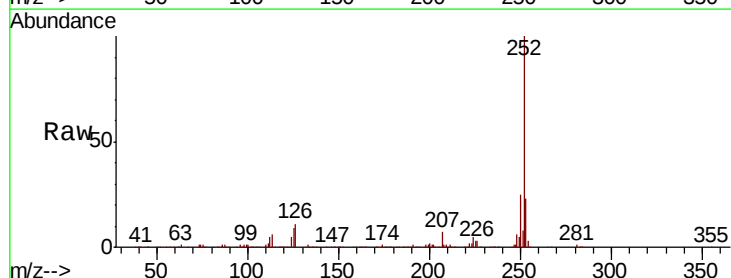
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



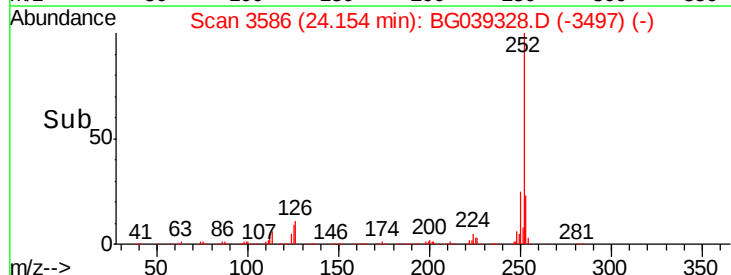
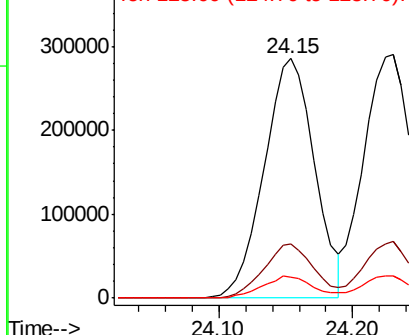
#88
Benzo(b)fluoranthene
Concen: 44.479 ng
RT: 24.15 min Scan# 3586
Delta R.T. -0.01 min
Lab File: BG039328.D
Acq: 30 Jan 2019 15:13

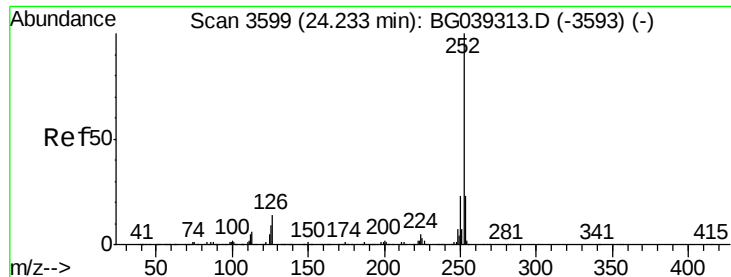
Tgt Ion:252 Resp: 748914

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	8.8	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.830 ng

RT: 24.23 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

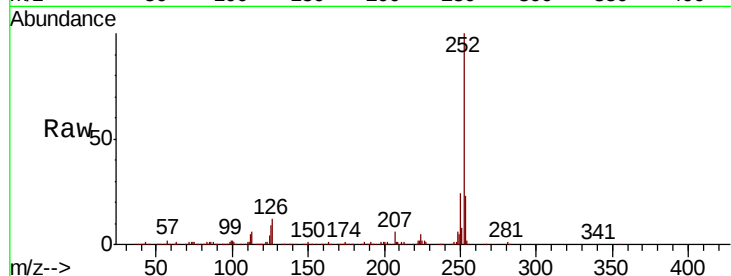
Tot Ion:252 Resp: 724023

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

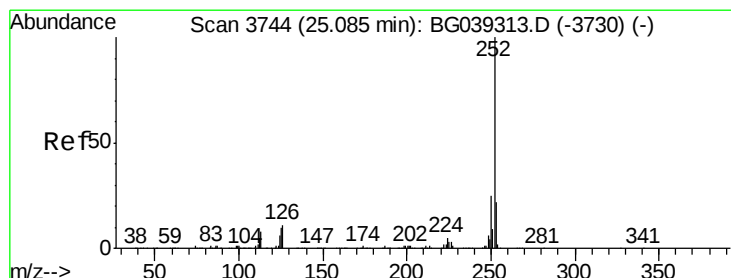
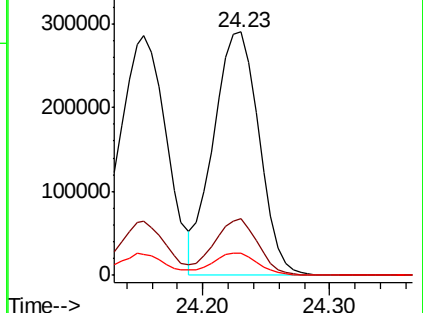
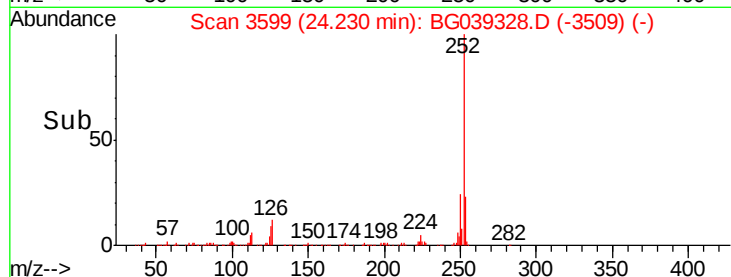
125 9.1 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.713 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.01 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

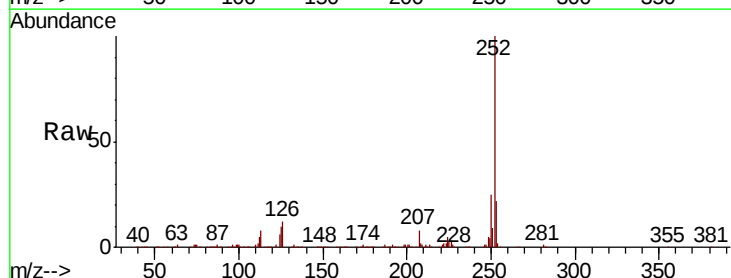
Tgt Ion:252 Resp: 725062

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

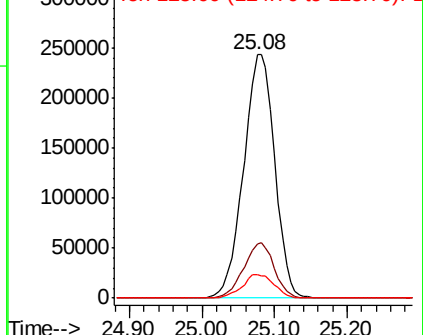
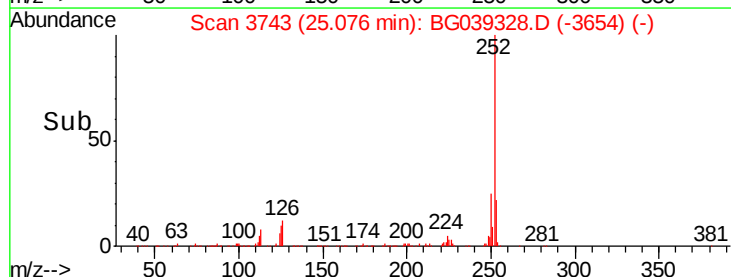
125 9.7 8.3 12.5

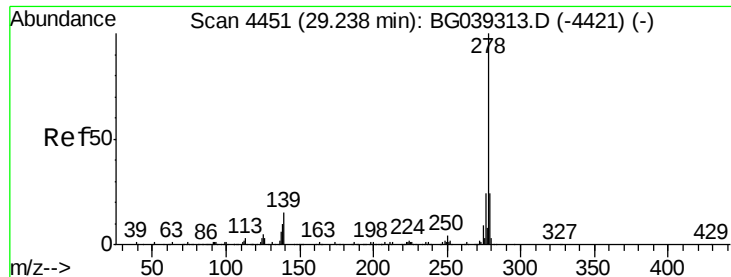


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.569 ng

RT: 29.23 min Scan# 4450

Delta R.T. -0.01 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

Instrument :

BNA_G

ClientSampleId :

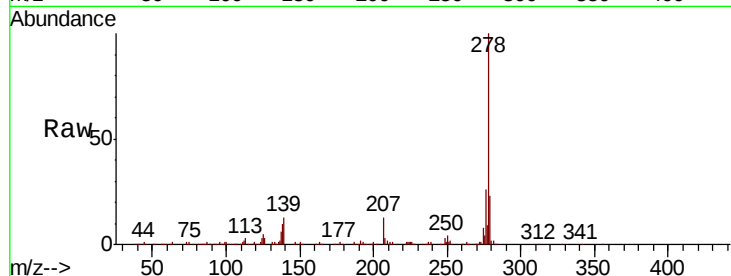
Tot Ion:278 Resp: 676828

Ion Ratio Lower Upper

278 100

139 13.0 11.7 17.5

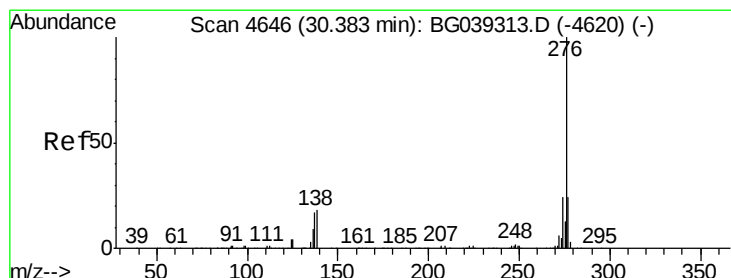
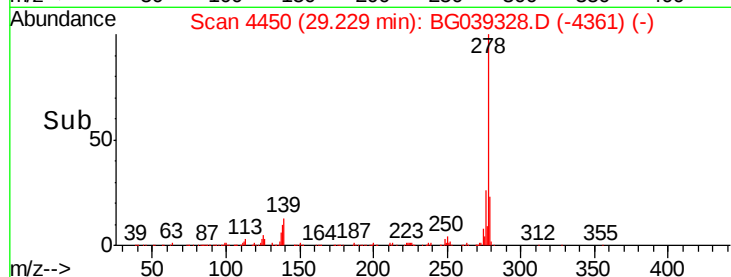
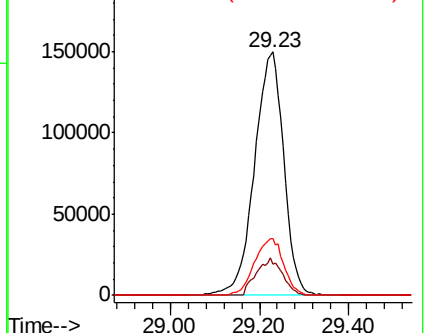
279 23.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.342 ng

RT: 30.37 min Scan# 4644

Delta R.T. -0.01 min

Lab File: BG039328.D

Acq: 30 Jan 2019 15:13

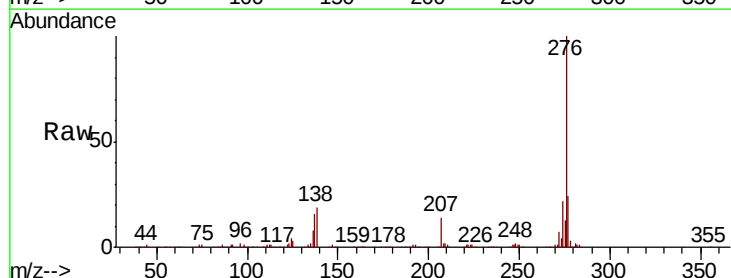
Tgt Ion:276 Resp: 686317

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 19.2 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

