

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039466.D
 Acq On : 12 Feb 2019 16:32
 Operator : JU/SJ
 Sample : K1462-15MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 12 18:01:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	56346	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	276839	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	200948	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	452522	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	374191	20.00	ng	-0.01
87) Perylene-d12	25.21	264	390124	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	538550	163.58	ng	0.00
7) Phenol-d6	7.31	99	819135	169.03	ng	0.00
23) Nitrobenzene-d5	9.35	82	483944	109.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	335187	154.90	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1196746	85.43	ng	-0.01
79) Terphenyl-d14	20.13	244	1511337	85.49	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	45936	31.898	ng	98
3) Pyridine	4.00	79	141830	37.199	ng	95
4) n-Nitrosodimethylamine	3.92	42	85469	44.823	ng	92
6) Aniline	7.50	93	183189	30.179	ng	98
8) 2-Chlorophenol	7.73	128	203714	56.608	ng	98
9) Benzaldehyde	7.31	77	83059	32.511	ng	98
10) Phenol	7.34	94	298999	59.189	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	188019	47.103	ng	98
12) 1,3-Dichlorobenzene	8.06	146	188182	43.166	ng	97
13) 1,4-Dichlorobenzene	8.21	146	195272	44.940	ng	98
14) 1,2-Dichlorobenzene	8.53	146	195199	46.404	ng	97
15) Benzyl Alcohol	8.41	79	209985	55.194	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	376495	41.767	ng	98
17) 2-Methylphenol	8.60	107	190199	58.182	ng	98
18) Hexachloroethane	9.26	117	66227	44.301	ng	96
19) n-Nitroso-di-n-propylamine	8.98	70	173601	50.473	ng	92
20) 3+4-Methylphenols	8.93	107	273053	60.656	ng	96
22) Acetophenone	9.00	105	321904	43.288	ng	# 94
24) Nitrobenzene	9.39	77	249129	52.038	ng	94
25) Isophorone	9.91	82	512850	52.225	ng	98
26) 2-Nitrophenol	10.10	139	124147	60.879	ng	99
27) 2,4-Dimethylphenol	10.14	122	227240	57.204	ng	98
28) bis(2-Chloroethoxy)methane	10.39	93	300285	49.645	ng	96
29) 2,4-Dichlorophenol	10.63	162	249760	57.527	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	227149	46.601	ng	100
31) Naphthalene	11.05	128	666289	48.515	ng	98
32) Benzoic acid	10.14	122	227240	79.961	ng	# 14
33) 4-Chloroaniline	11.15	127	126820	19.915	ng	97
34) Hexachlorobutadiene	11.31	225	138405	42.697	ng	95
35) Caprolactam	11.94	113	55315	30.789	ng	87
36) 4-Chloro-3-methylphenol	12.25	107	276810	55.130	ng	100
37) 2-Methylnaphthalene	12.64	142	527178	51.826	ng	99
38) 1-Methylnaphthalene	12.86	142	510416	52.055	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	293245	45.866	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	302689	86.881	nq	97
43) 2,4,6-Trichlorophenol	13.23	196	211259	53.740	nq	97
44) 2,4,5-Trichlorophenol	13.30	196	224955	54.599	nq	98
46) 1,1'-Biphenyl	13.63	154	726028	43.424	nq	98
47) 2-Chloronaphthalene	13.68	162	561654	44.655	nq	98
48) 2-Nitroaniline	13.89	65	199591	53.990	nq	93
49) Acenaphthylene	14.53	152	906212	47.749	nq	99
50) Dimethylphthalate	14.24	163	842649	51.921	nq	99
51) 2,6-Dinitrotoluene	14.37	165	171846	55.472	nq	98
52) Acenaphthene	14.86	154	556459	45.169	nq	99
53) 3-Nitroaniline	14.71	138	100698	32.847	nq #	89
54) 2,4-Dinitrophenol	14.91	184	110570	81.608	nq	97
55) Dibenzofuran	15.20	168	892140	45.167	nq	98
56) 4-Nitrophenol	15.00	139	267569	90.373	nq	92
57) 2,4-Dinitrotoluene	15.16	165	231854	57.771	nq #	90
58) Fluorene	15.84	166	700543	47.577	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	222226	57.605	nq	98
60) Diethylphthalate	15.60	149	752272	44.831	nq	96
61) 4-Chlorophenyl-phenylether	15.82	204	376668	45.178	nq	98
62) 4-Nitroaniline	15.87	138	164902	48.414	nq	91
63) Azobenzene	16.12	77	682418	41.609	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	121474	61.375	nq	98
66) n-Nitrosodiphenylamine	16.05	169	649785	47.224	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	247689	49.338	nq	94
68) Hexachlorobenzene	16.84	284	249397	49.515	nq	94
69) Atrazine	16.98	200	241805	48.088	nq	97
70) Pentachlorophenol	17.18	266	292961	83.687	nq	99
71) Phenanthrene	17.59	178	1087445	46.430	nq	99
72) Anthracene	17.68	178	1097006	47.551	nq	97
73) Carbazole	17.95	167	920272	39.971	nq	98
74) Di-n-butylphthalate	18.48	149	1089082	40.547	nq	99
75) Fluoranthene	19.58	202	1130769	41.596	nq	99
77) Benzidine	19.76	184	348564	28.412	nq	99
78) Pyrene	19.94	202	1109783	47.642	nq	98
80) Butylbenzylphthalate	20.81	149	464206	47.240	nq	98
81) Benzo(a)anthracene	21.81	228	1073800	48.565	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	199605	24.346	nq	98
83) Chrysene	21.88	228	1014342	48.192	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	656436	46.825	nq	100
85) Di-n-octyl phthalate	22.94	149	1128518	48.726	nq	97
86) Indeno(1,2,3-cd)pyrene	29.11	276	1245526	55.154	nq	98
88) Benzo(b)fluoranthene	24.13	252	1080834	50.801	nq	99
89) Benzo(k)fluoranthene	24.20	252	1031817	48.305	nq	99
90) Benzo(a)pyrene	25.06	252	1050425	51.265	nq	98
91) Dibenzo(a,h)anthracene	29.18	278	1006772	52.466	nq	98
92) Benzo(g,h,i)perylene	30.33	276	1022849	53.479	nq	97

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

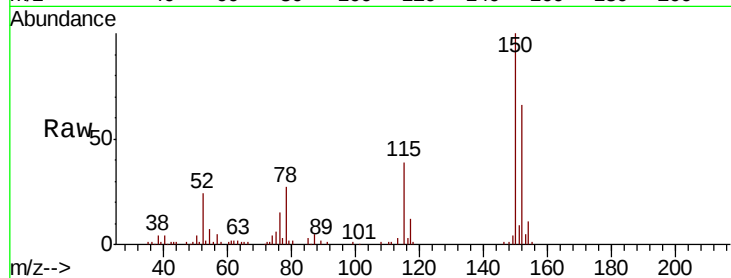


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	123.7	185.5
115	58.9	45.9	68.9

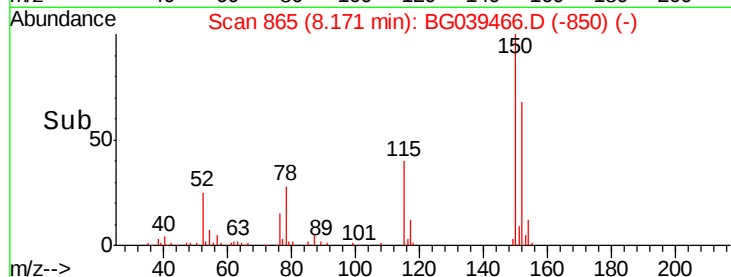
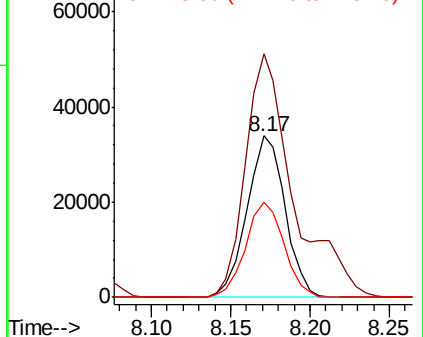


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

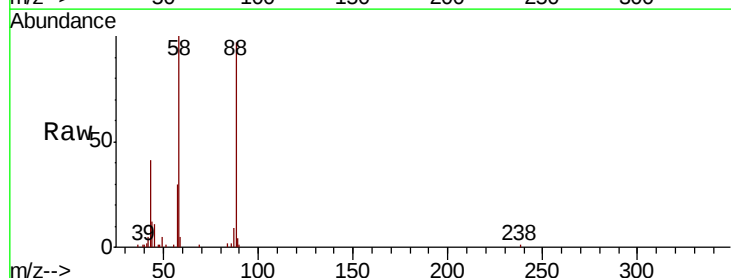
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.898 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.8	81.1	121.7
43	39.2	31.4	47.0

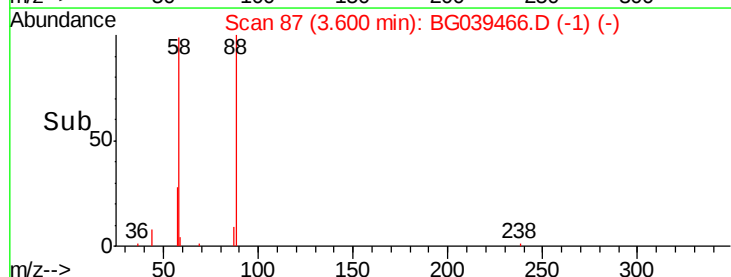
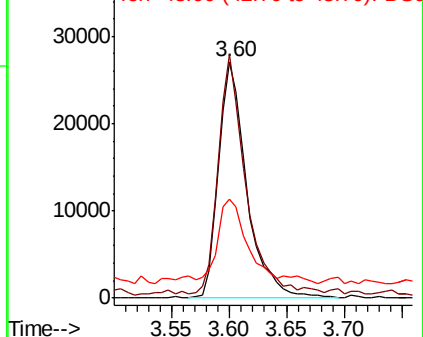


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.199 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampled :

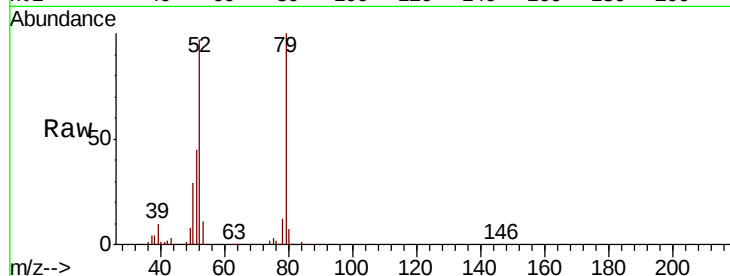
Tot Ion: 79 Resp: 141830

Ion Ratio Lower Upper

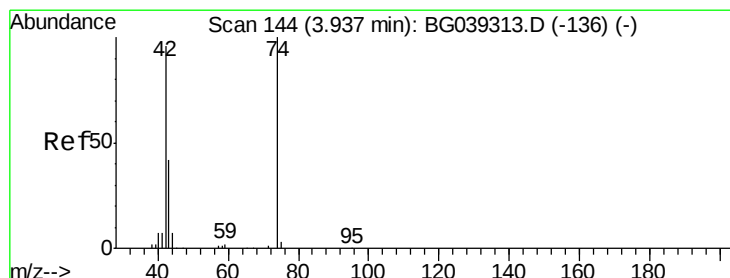
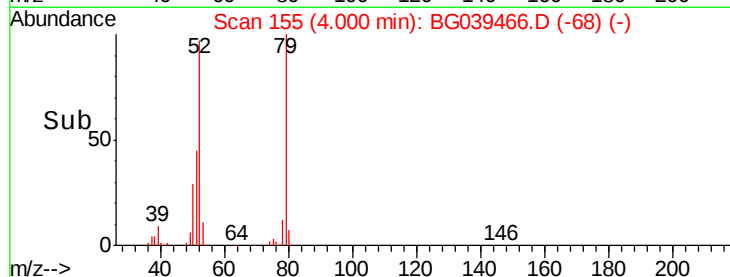
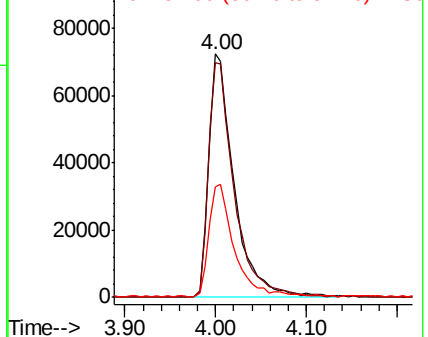
79 100

52 96.5 82.6 124.0

51 45.3 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 44.823 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

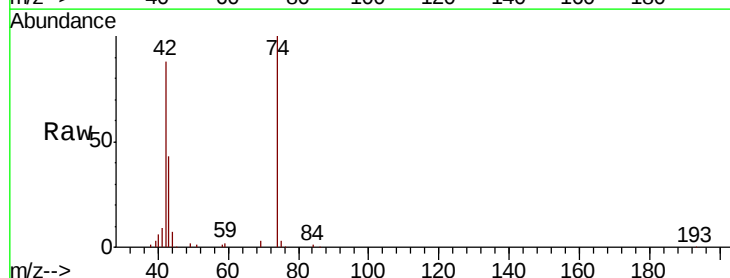
Tgt Ion: 42 Resp: 85469

Ion Ratio Lower Upper

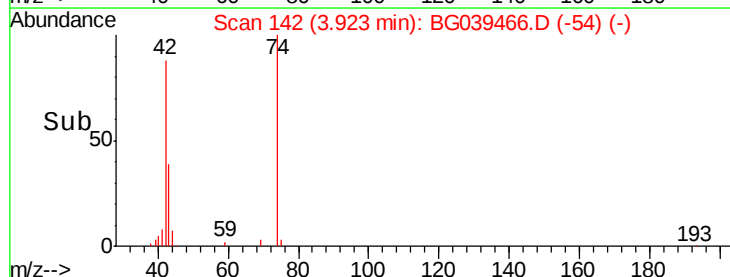
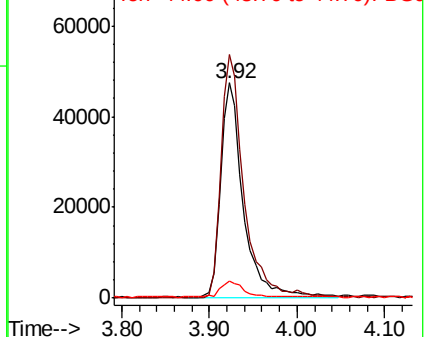
42 100

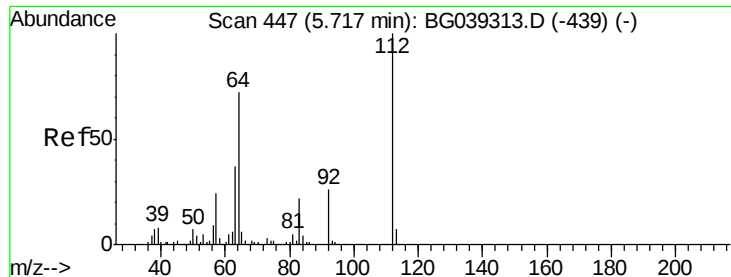
74 113.1 83.6 125.4

44 8.0 6.9 10.3



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





#5

2-Fluorophenol

Concen: 163.584 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampleId :

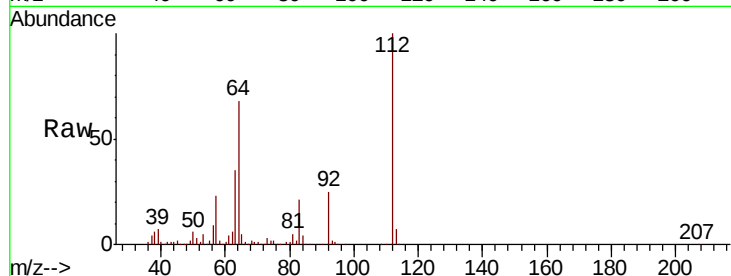
Tot Ion:112 Resp: 538550

Ion Ratio Lower Upper

112 100

64 67.7 57.8 86.8

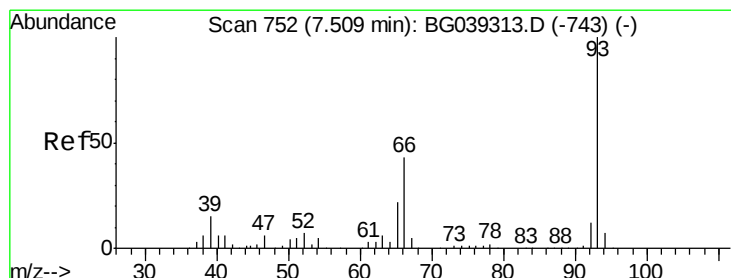
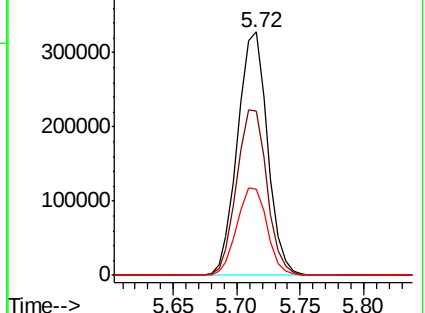
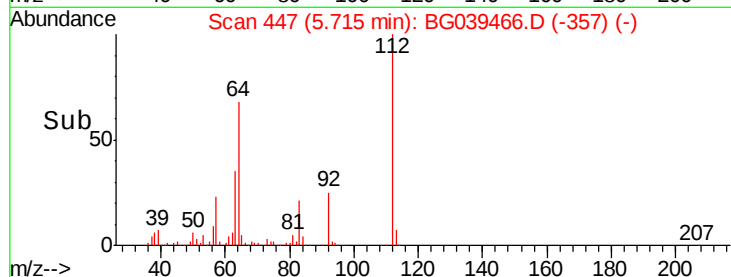
63 35.5 29.8 44.6



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: 30.179 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

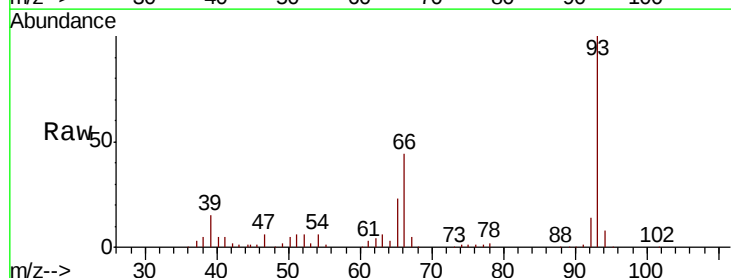
Tgt Ion: 93 Resp: 183189

Ion Ratio Lower Upper

93 100

66 44.0 34.2 51.4

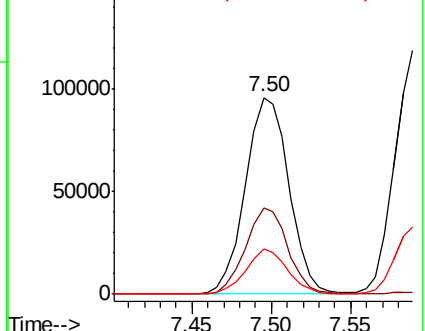
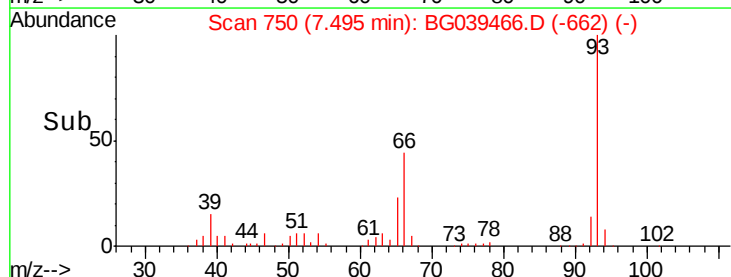
65 22.9 17.7 26.5

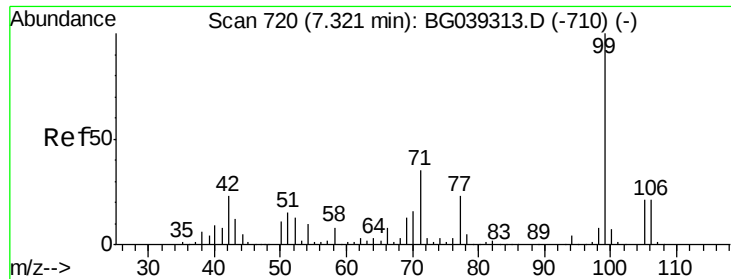


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 169.033 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampled :

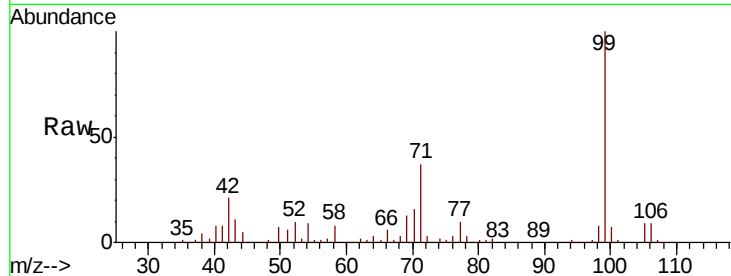
Tot Ion: 99 Resp: 819135

Ion Ratio Lower Upper

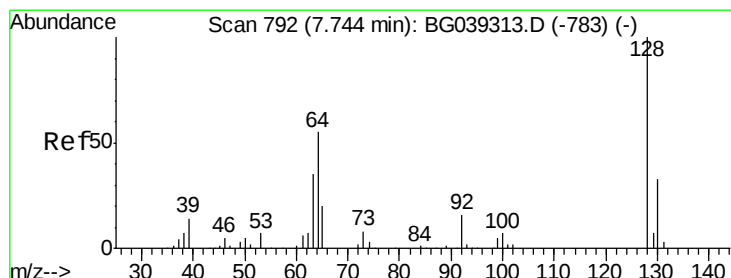
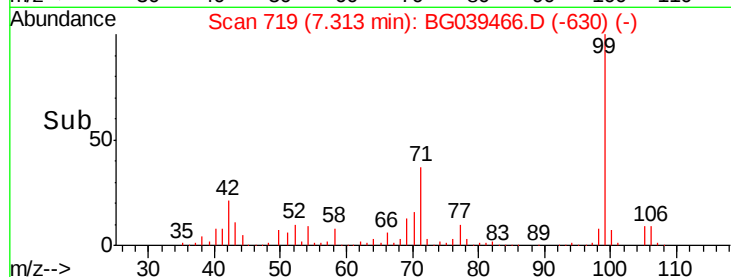
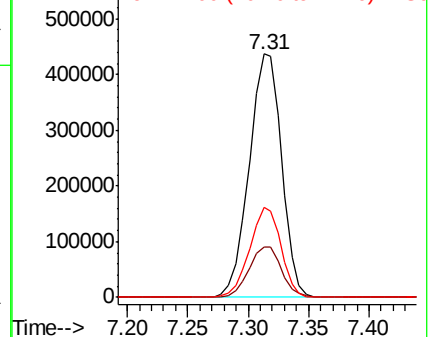
99 100

42 20.7 18.2 27.2

71 36.7 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: 56.608 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

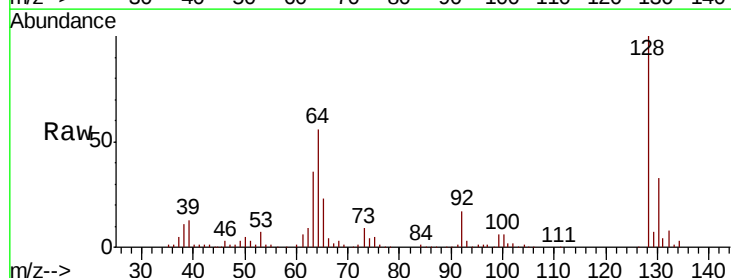
Tgt Ion: 128 Resp: 203714

Ion Ratio Lower Upper

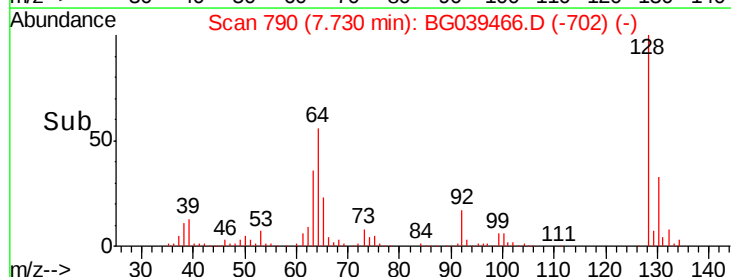
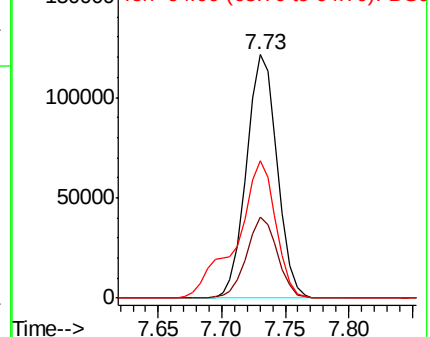
128 100

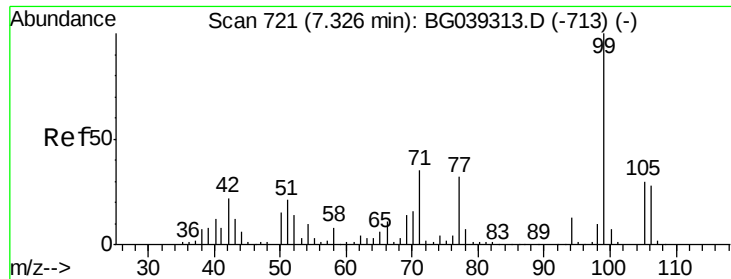
130 33.2 12.9 52.9

64 56.5 38.7 78.7



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





#9

Benzaldehyde

Concen: 32.511 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampled :

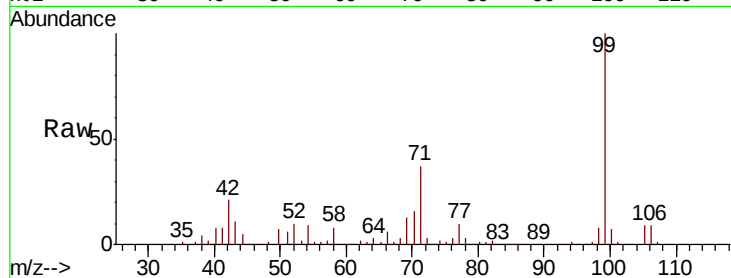
Tot Ion: 77 Resp: 83059

Ion Ratio Lower Upper

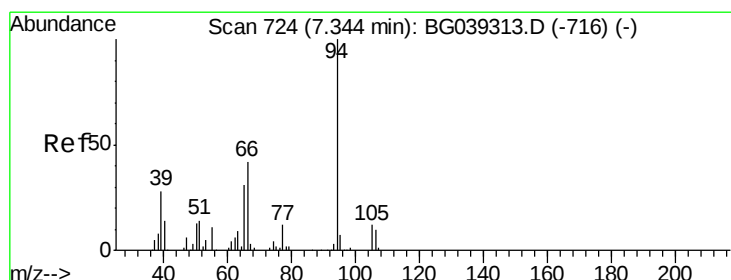
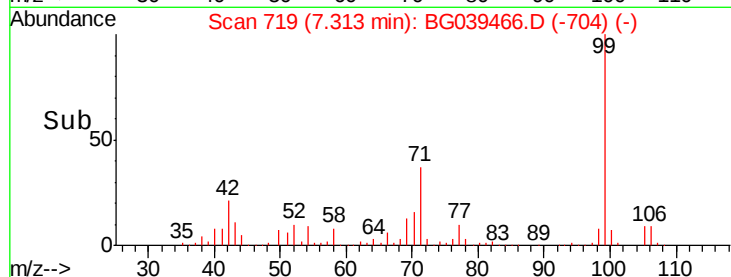
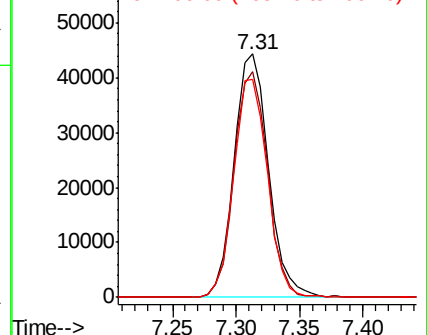
77 100

105 92.7 74.5 114.5

106 89.6 68.0 108.0



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



#10

Phenol

Concen: 59.189 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

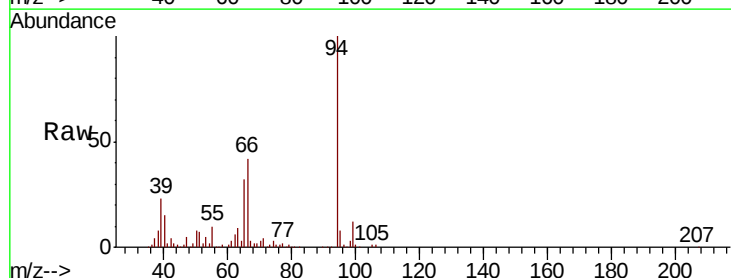
Tgt Ion: 94 Resp: 298999

Ion Ratio Lower Upper

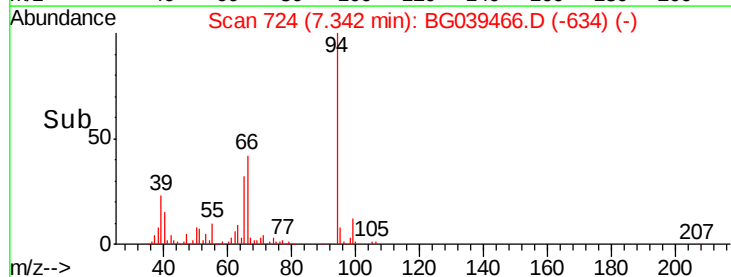
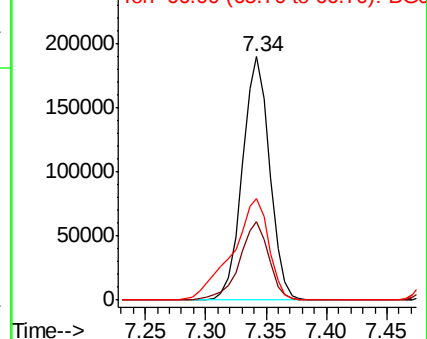
94 100

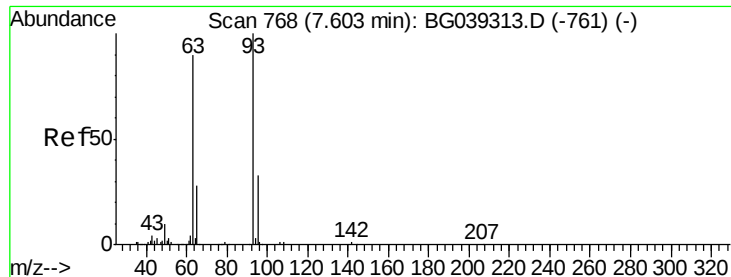
65 32.3 11.7 51.7

66 41.9 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

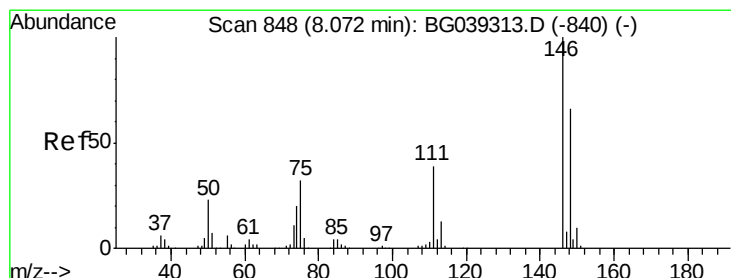
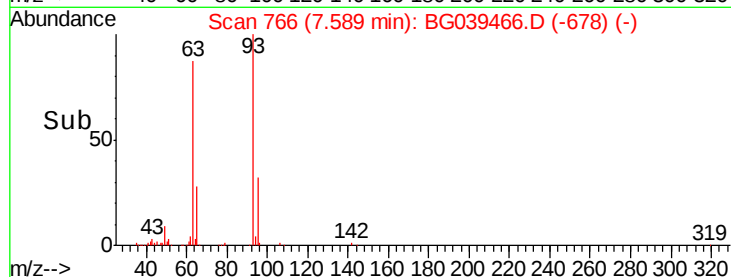
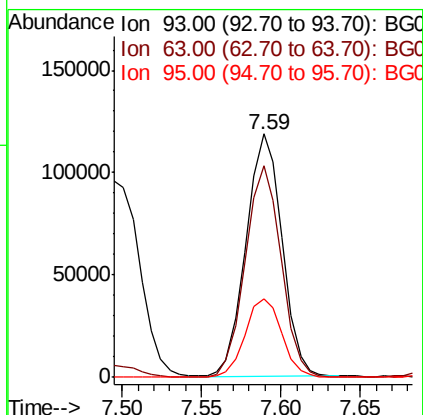
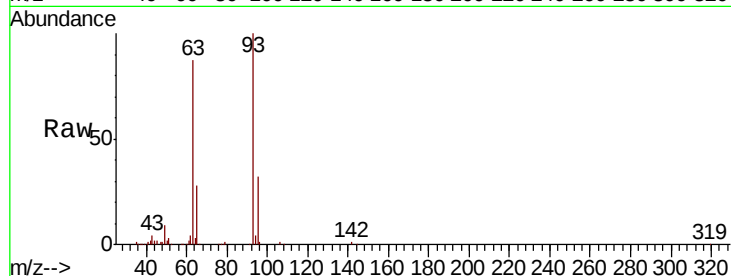




#11
 bis(2-Chloroethyl)ether
 Concen: 47.103 ng
 RT: 7.59 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

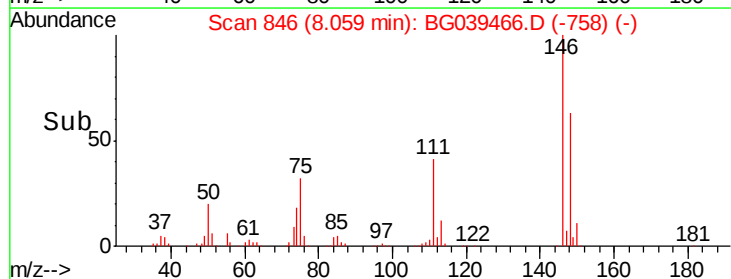
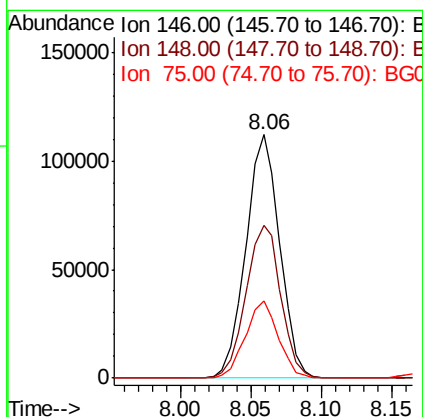
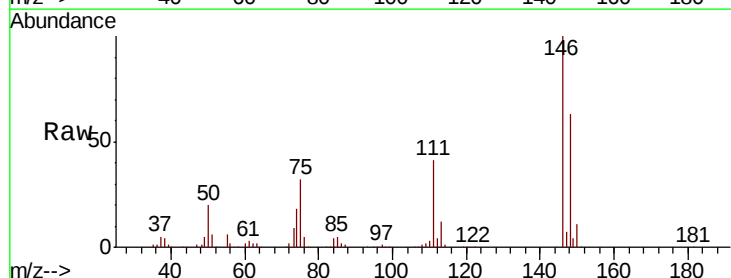
Instrument :
 BNA_G
 ClientSampleId :

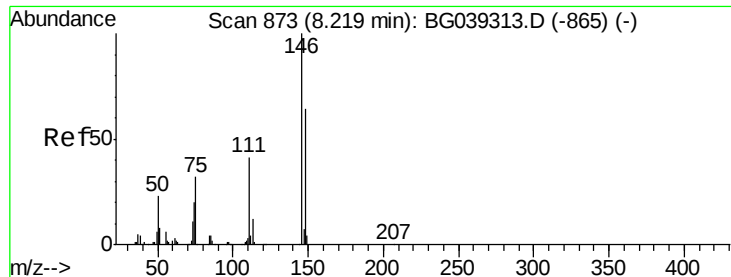
Tot Ion: 93 Resp: 188019
 Ion Ratio Lower Upper
 93 100
 63 86.9 69.5 109.5
 95 32.2 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 43.166 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

Tgt Ion: 146 Resp: 188182
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.6 79.0
 75 31.6 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 44.940 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampleId :

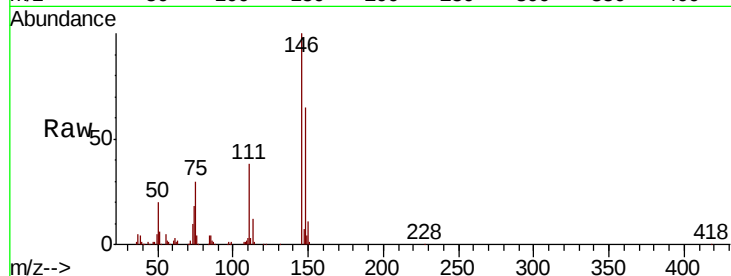
Tot Ion:146 Resp: 195272

Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

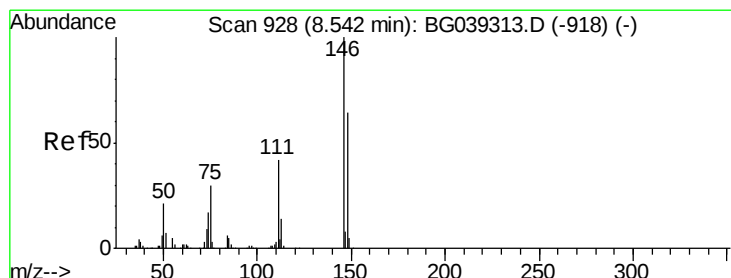
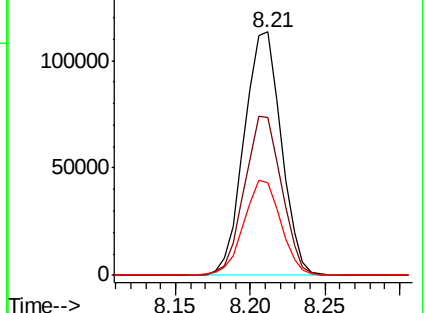
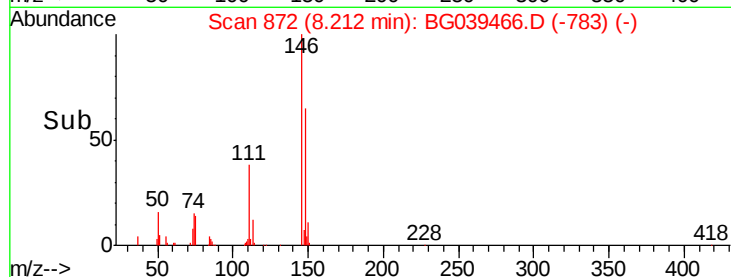
111 38.2 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.404 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

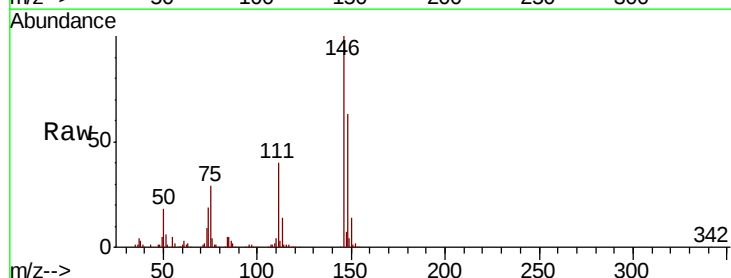
Tgt Ion:146 Resp: 195199

Ion Ratio Lower Upper

146 100

148 63.0 51.5 77.3

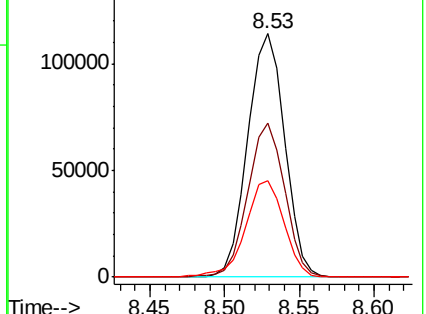
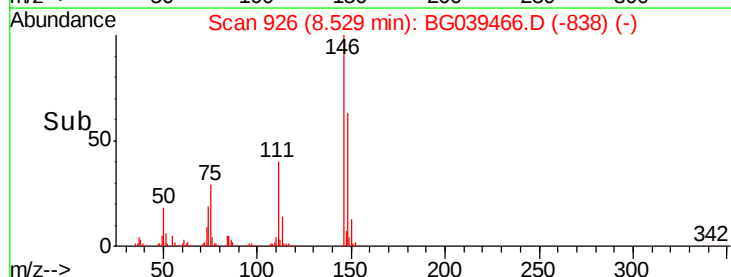
111 39.8 33.8 50.6

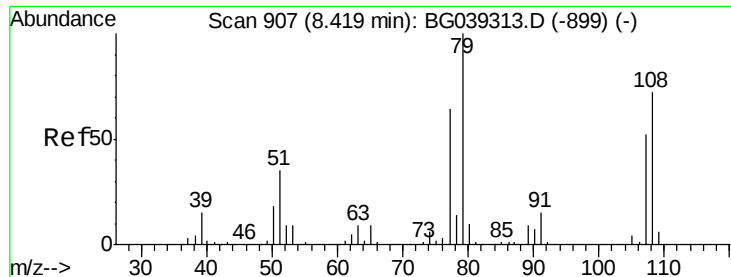


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.194 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampleId :

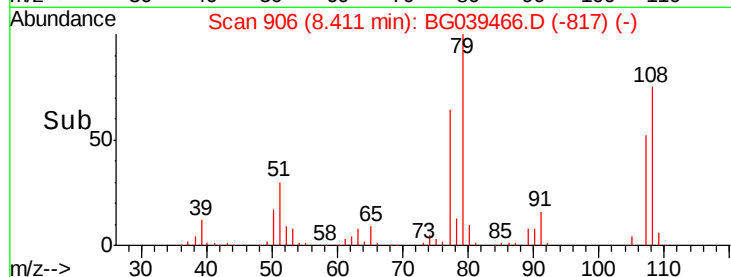
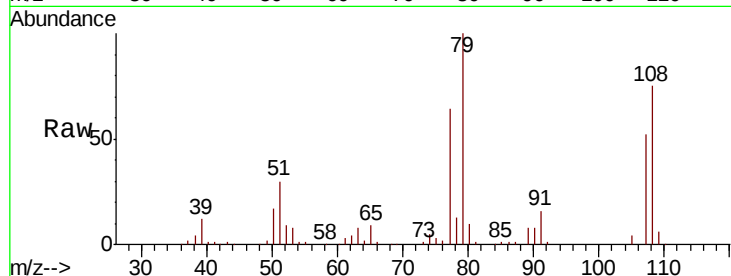
Tot Ion: 79 Resp: 209985

Ion Ratio Lower Upper

79 100

108 75.3 57.8 86.6

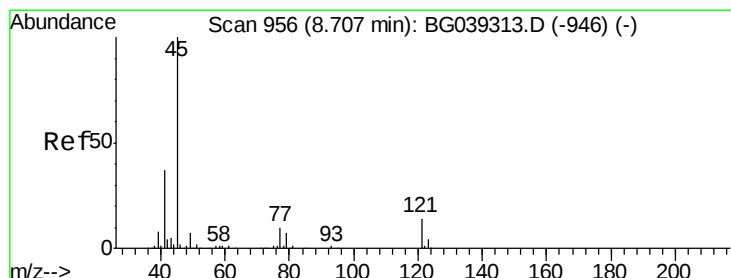
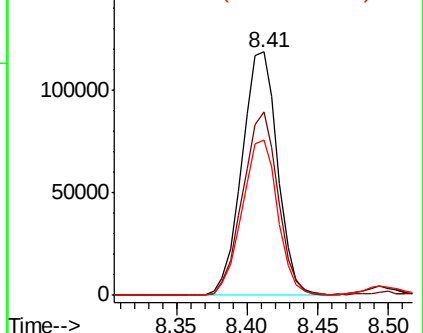
77 63.8 51.1 76.7



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: 41.767 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

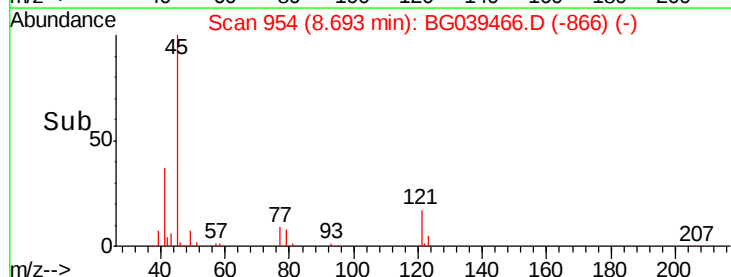
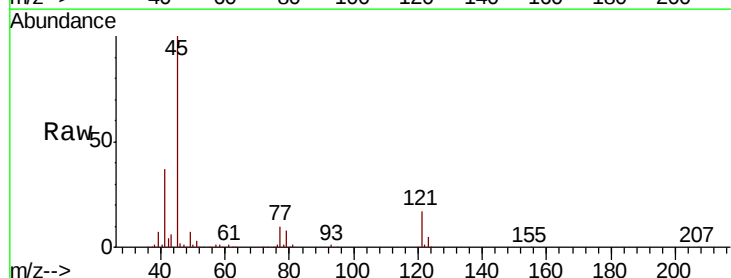
Tgt Ion: 45 Resp: 376495

Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.0

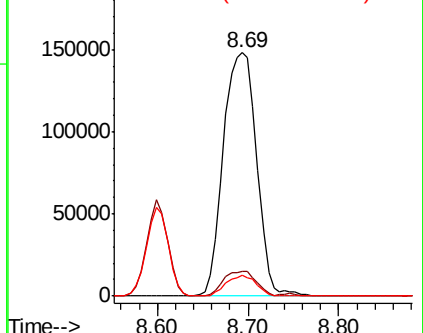
79 8.4 0.0 27.5

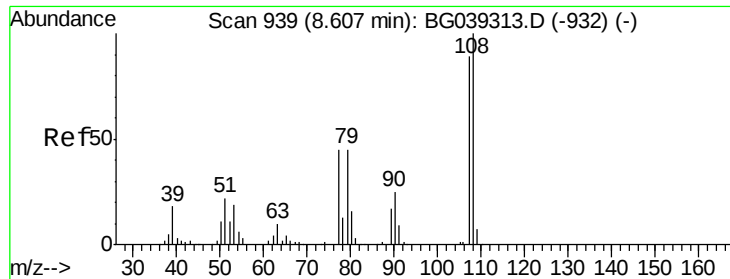


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

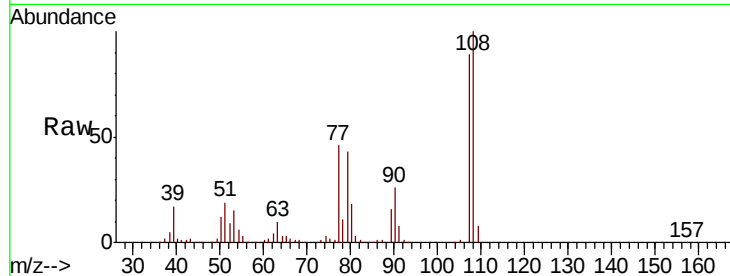




#17
2-Methylphenol
Concen: 58.182 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.8	136.2
77	52.1	40.7	61.1
79	47.9	40.6	60.8



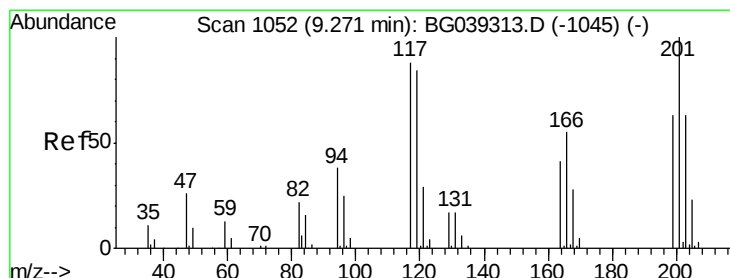
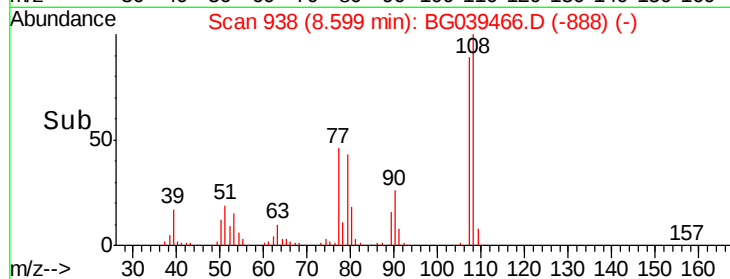
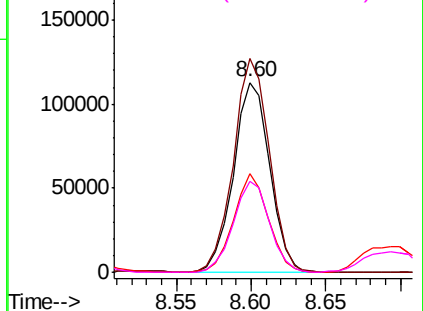
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

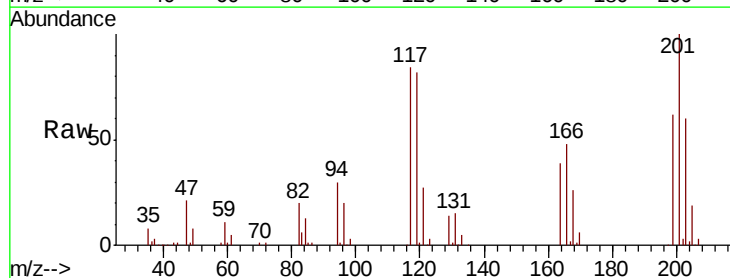
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 44.301 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.3	114.5
201	119.2	91.1	136.7

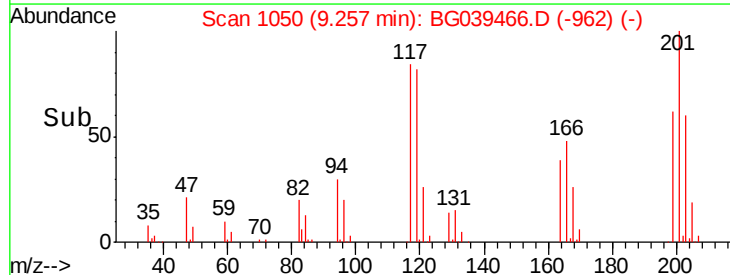
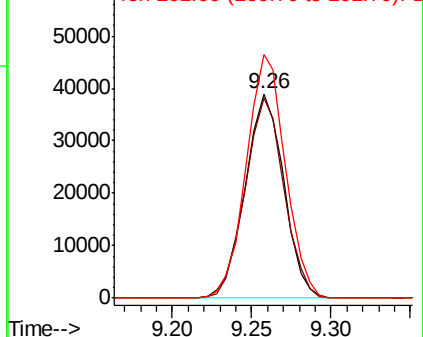


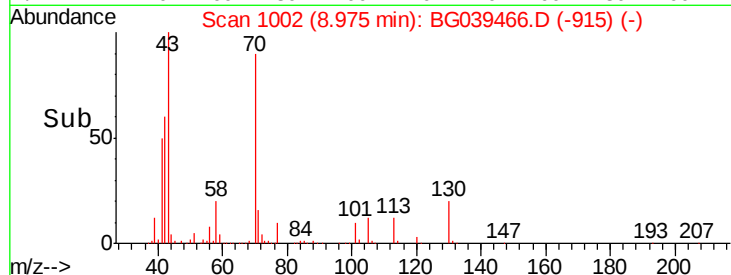
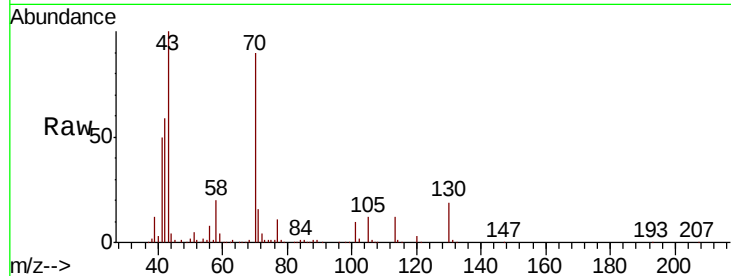
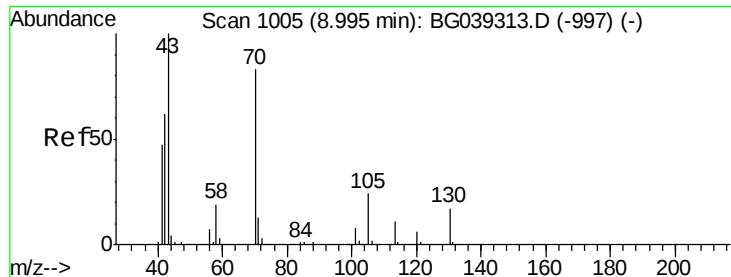
Abundance

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

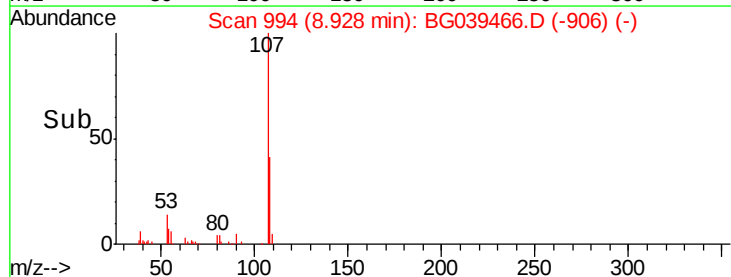
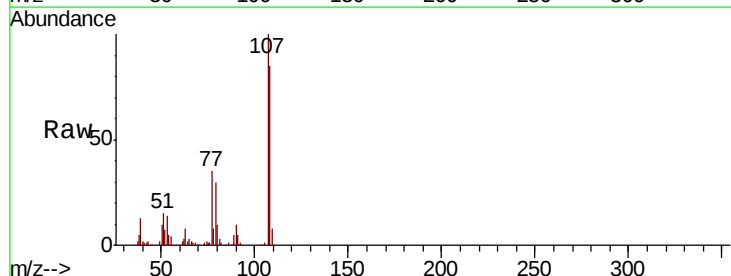
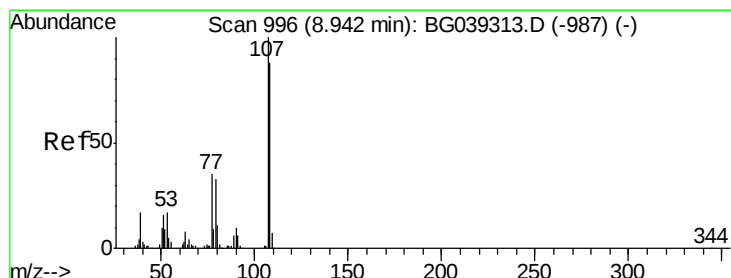
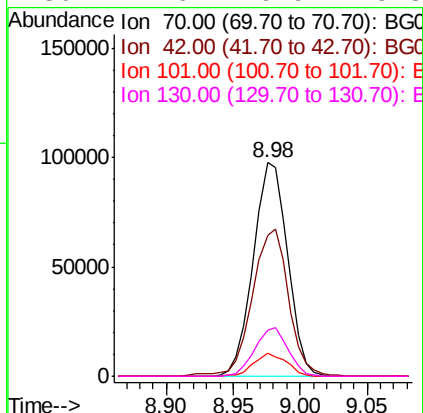




#19
n-Nitroso-di-n-propylamine
Concen: 50.473 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

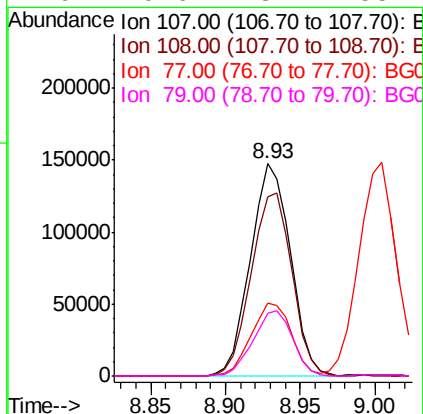
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	173601
Ion	Ratio	Lower	Upper
70	100		
42	66.0	60.4	90.6
101	10.6	7.5	11.3
130	21.6	16.9	25.3



#20
3+4-Methylphenols
Concen: 60.656 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion:	107	Resp:	273053
Ion	Ratio	Lower	Upper
107	100		
108	84.7	67.9	107.9
77	34.6	15.4	55.4
79	29.6	13.7	53.7

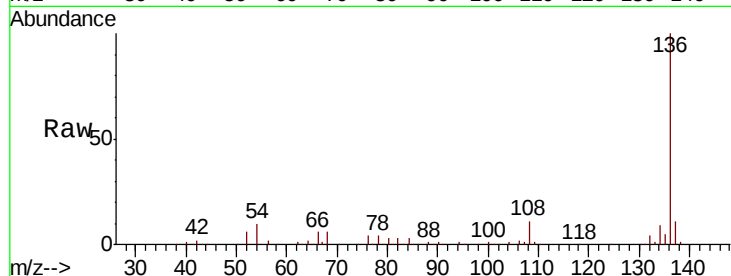




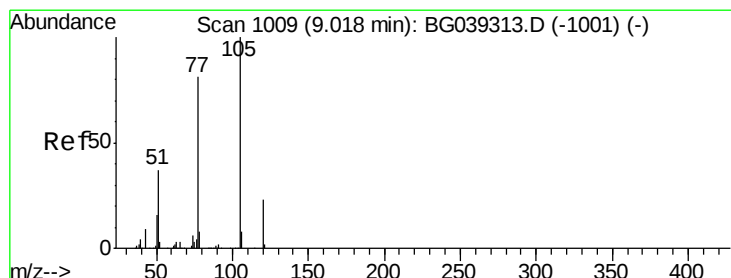
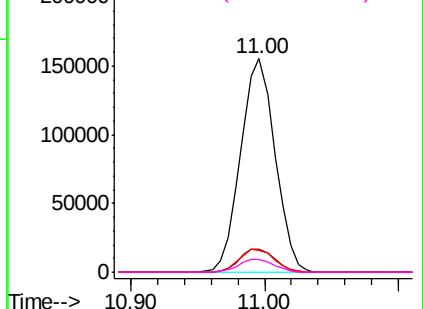
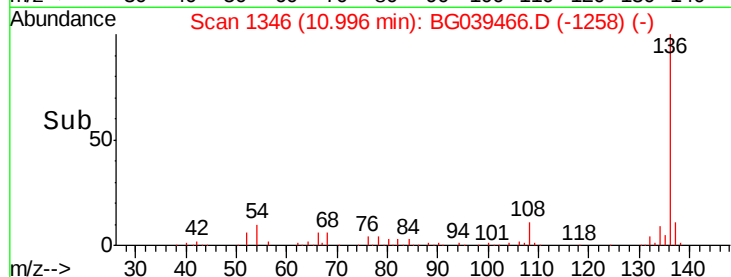
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	276839
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	10.3	9.4 14.2
68	5.9	4.2 6.4

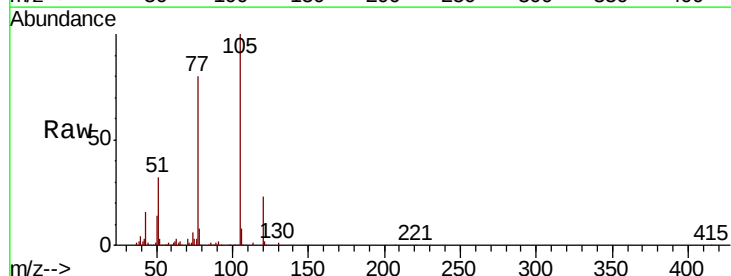


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

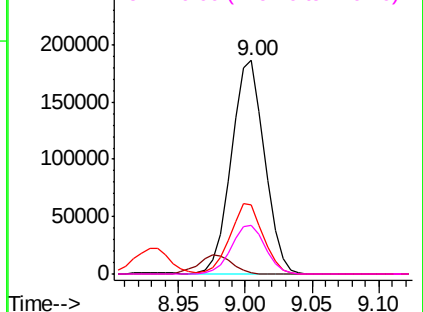
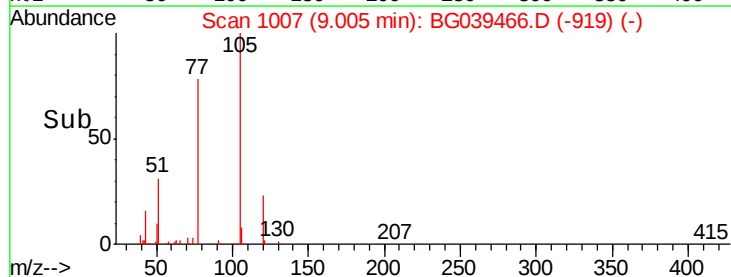


#22
Acetophenone
Concen: 43.288 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion:105	Resp:	321904
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.8 1.2#
51	32.3	30.2 45.2
120	22.6	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

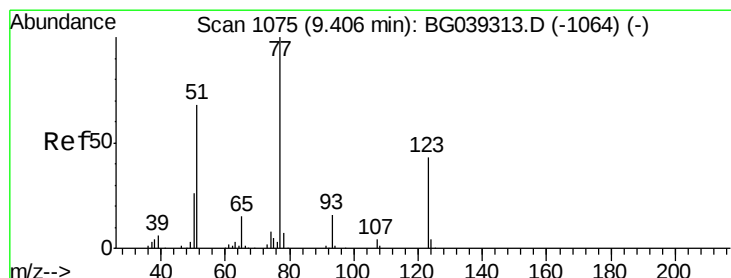
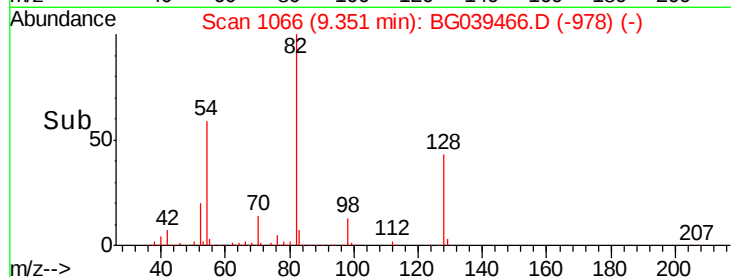
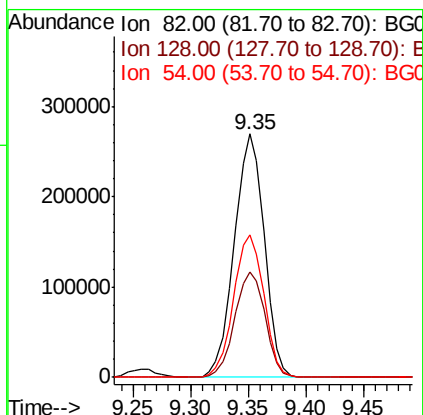
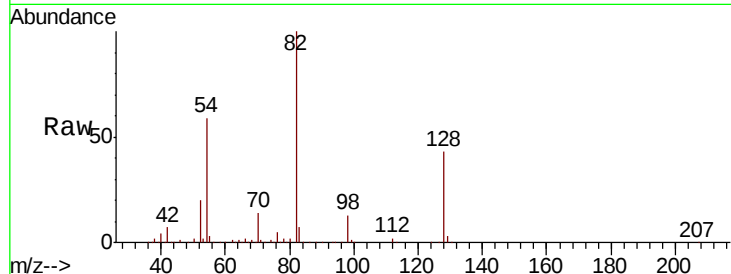




#23
 Nitrobenzene-d5
 Concen: 109.207 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

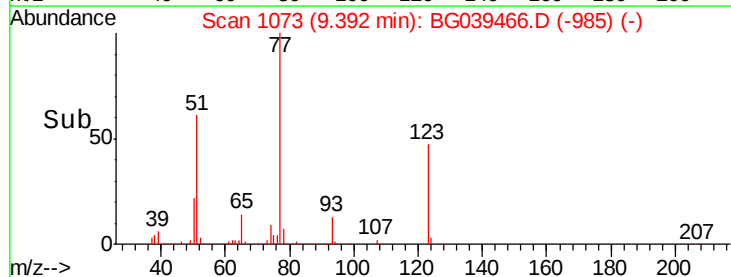
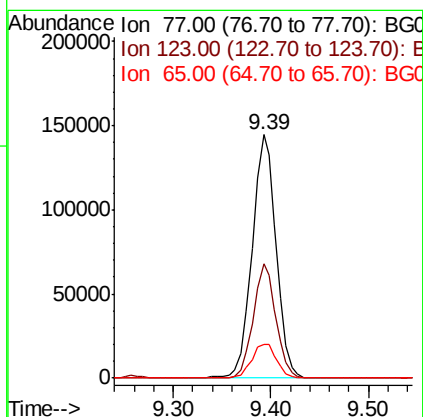
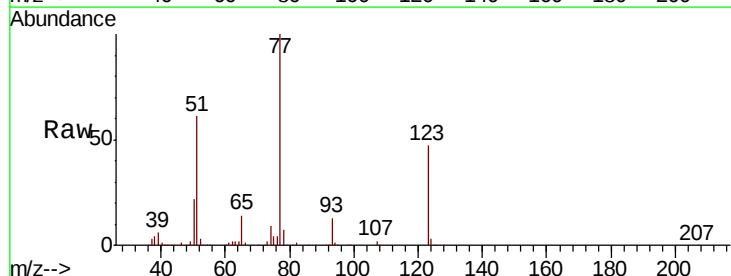
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	483944
Ion Ratio	Lower	Upper	
82	100		
128	43.5	31.3	46.9
54	58.7	50.9	76.3



#24
 Nitrobenzene
 Concen: 52.038 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

Tgt Ion	77	Resp	249129
Ion Ratio	Lower	Upper	
77	100		
123	47.0	34.1	51.1
65	13.9	12.3	18.5





#25

Isophorone

Concen: 52.225 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampleId :

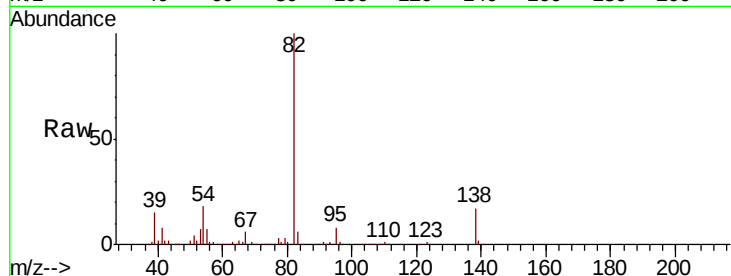
Tot Ion: 82 Resp: 512850

Ion Ratio Lower Upper

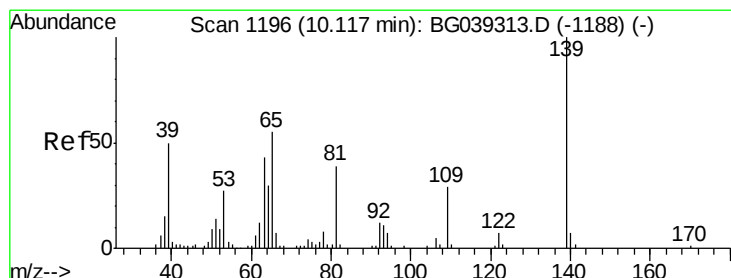
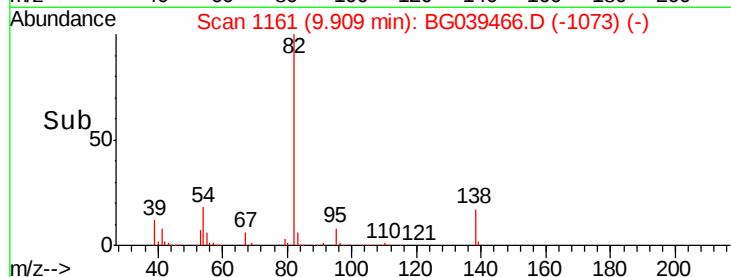
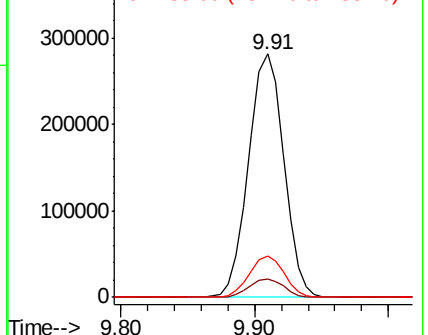
82 100

95 7.6 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: 60.879 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

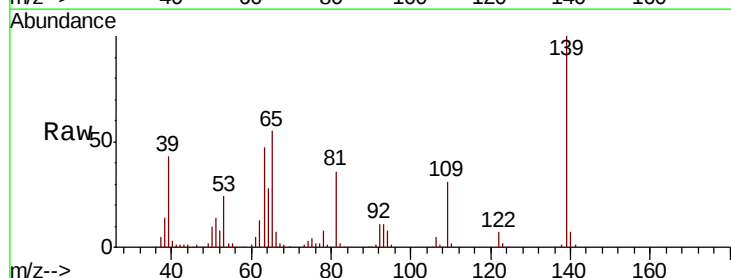
Tgt Ion: 139 Resp: 124147

Ion Ratio Lower Upper

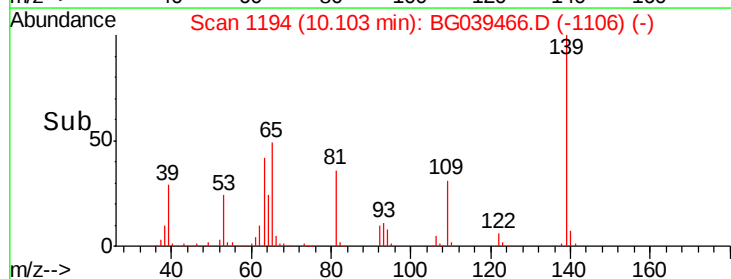
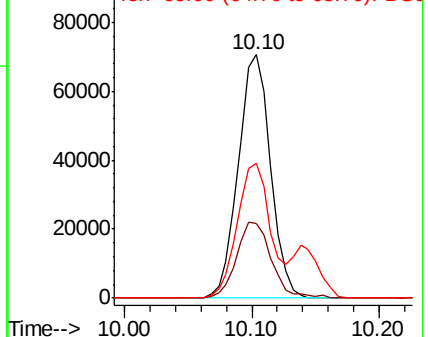
139 100

109 30.8 23.4 35.0

65 55.4 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

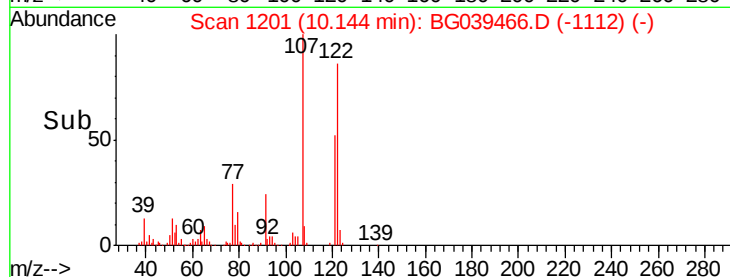
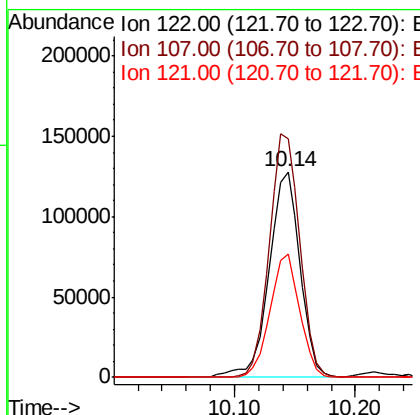
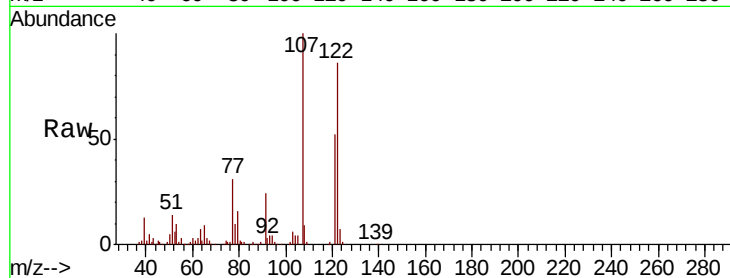




#27
2,4-Dimethylphenol
Concen: 57.204 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

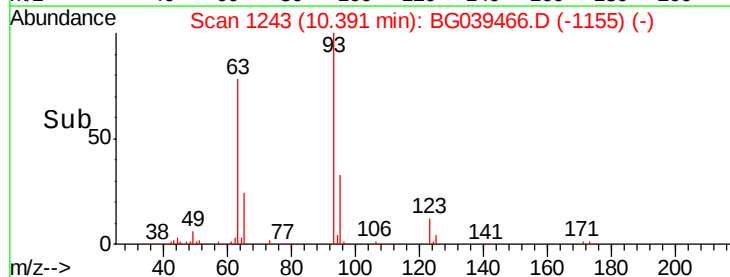
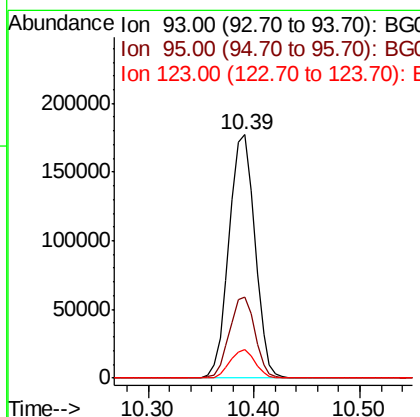
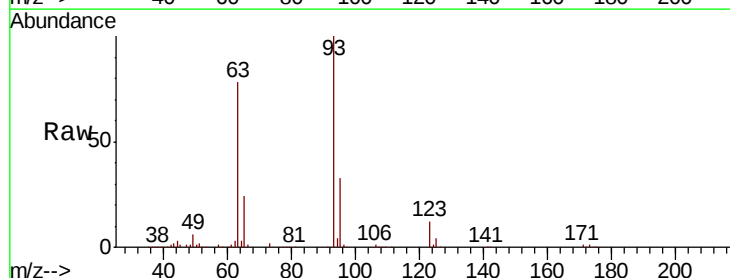
Instrument :
BNA_G
ClientSampleId :

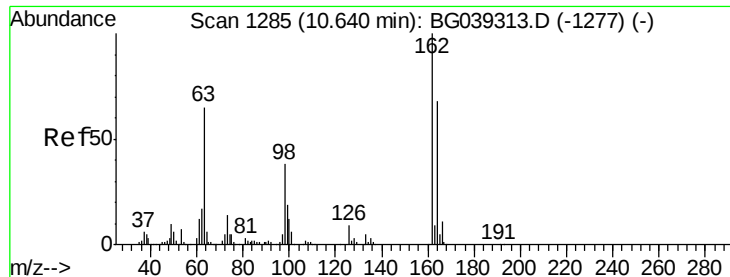
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	91.7	137.5
121	59.9	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.645 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.0	37.4
123	11.6	8.6	12.8

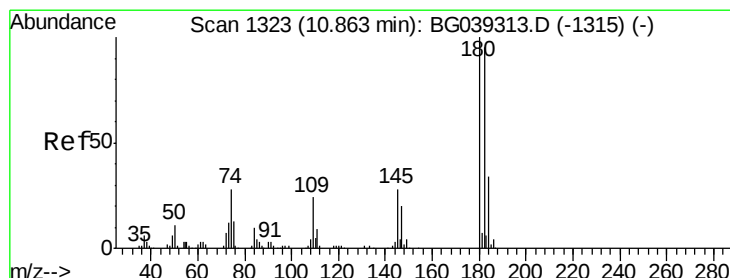
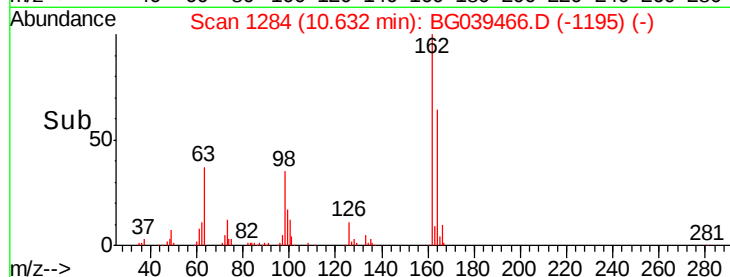
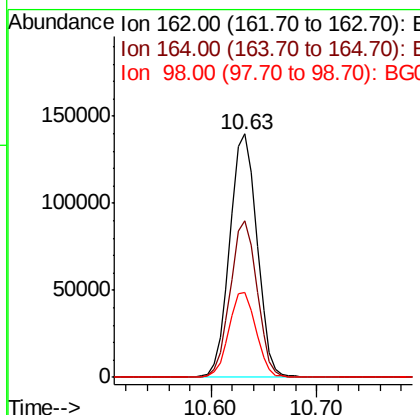
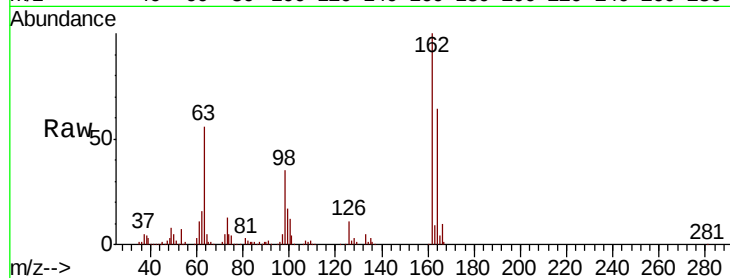




#29
 2,4-Dichlorophenol
 Concen: 57.527 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

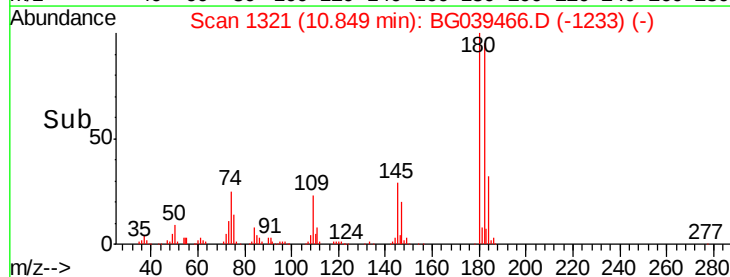
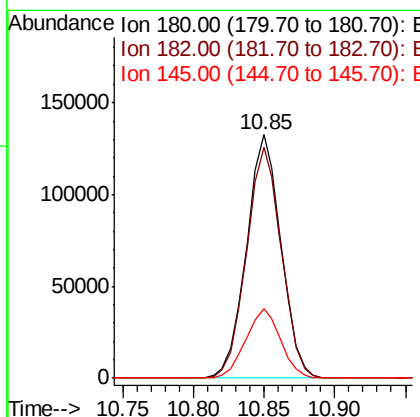
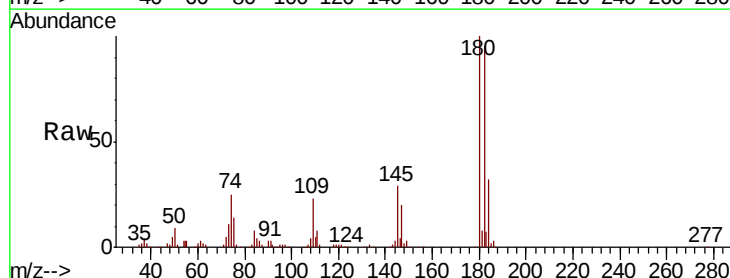
Instrument :
 BNA_G
 ClientSampleId :

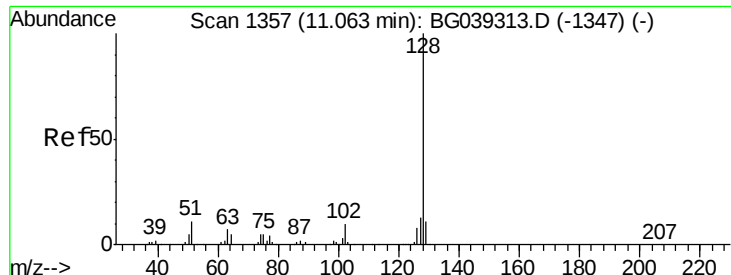
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	48.1	88.1
98	34.9	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.601 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.0	114.0
145	28.5	22.7	34.1

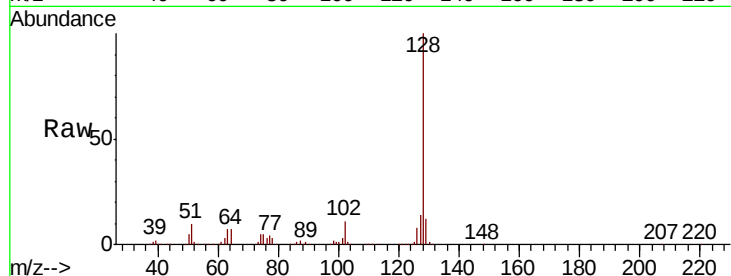




#31
Naphthalene
Concen: 48.515 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.7	13.1
127	14.0	10.8	16.2



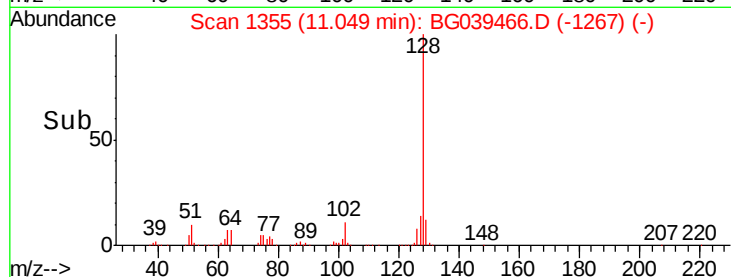
Abundance

Ion 128.00 (127.70 to 128.70): E

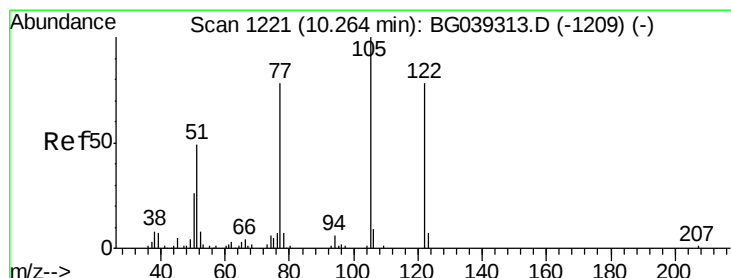
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

11.05

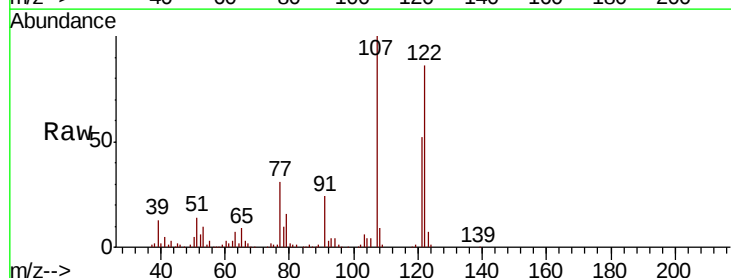


Time-->



#32
Benzoic acid
Concen: 79.961 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.12 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.2	101.8	141.8#
77	36.2	76.3	116.3#



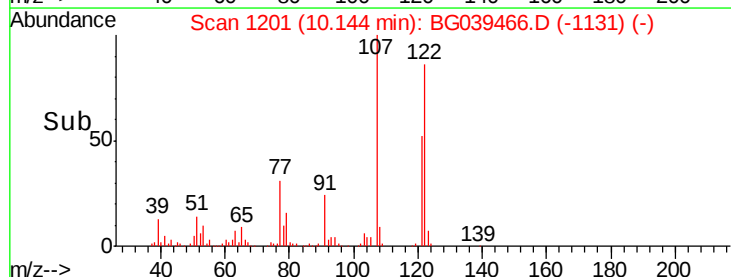
Abundance

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

10.14



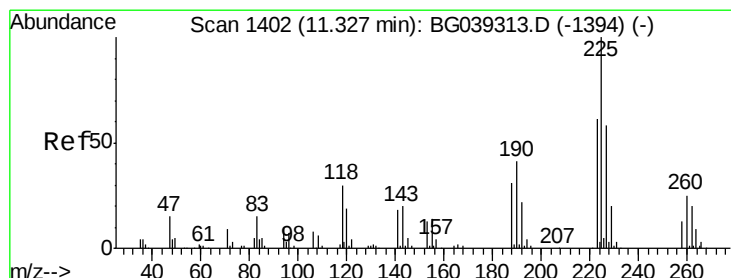
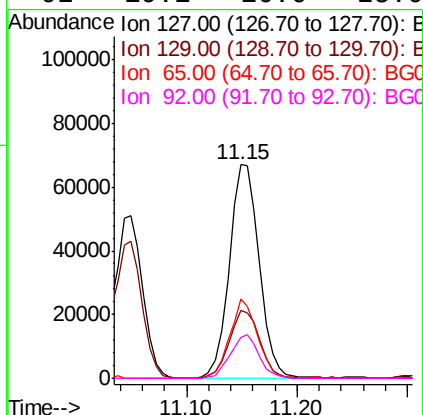
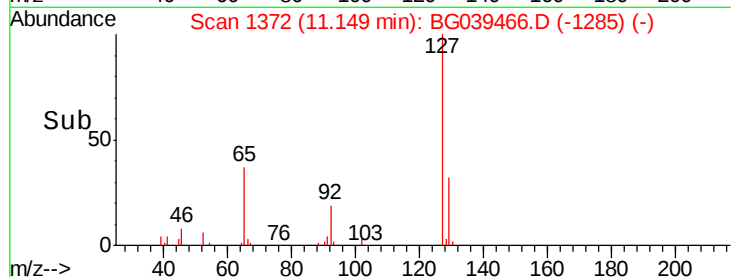
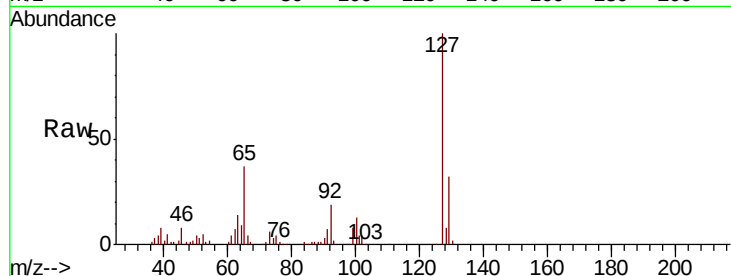
Time-->



#33
4-Chloroaniline
Concen: 19.915 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

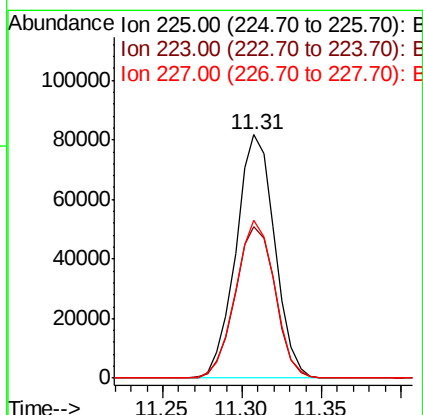
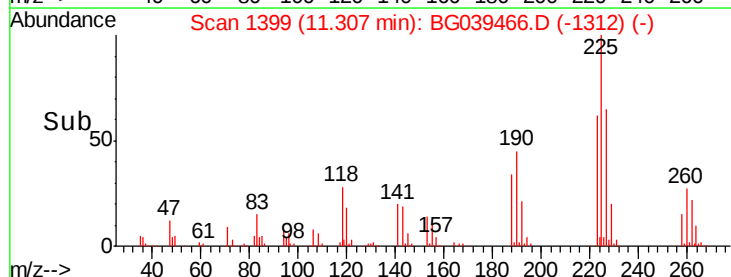
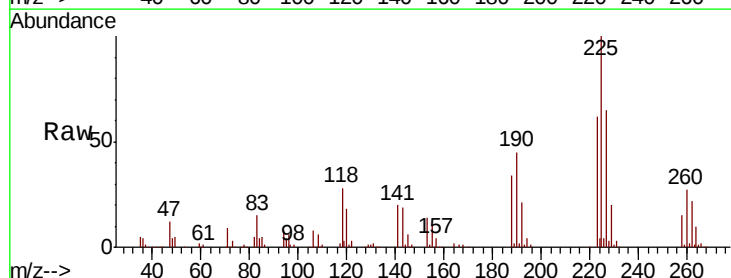
Instrument :
BNA_G
ClientSampled :

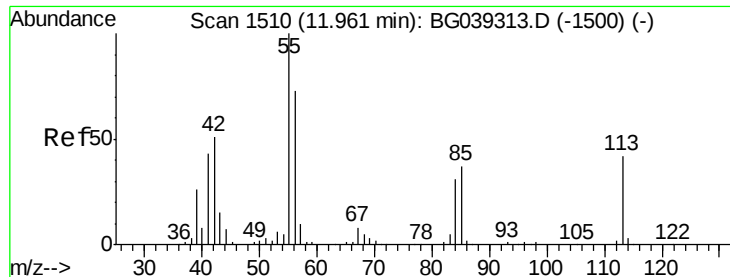
Tot Ion:	127	Resp:	126820
Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.0	40.4
65	37.2	28.8	43.2
92	19.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 42.697 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion:	225	Resp:	138405
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.0	73.6
227	64.9	46.3	69.5





#35

Caprolactam

Concen: 30.789 ng

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampled :

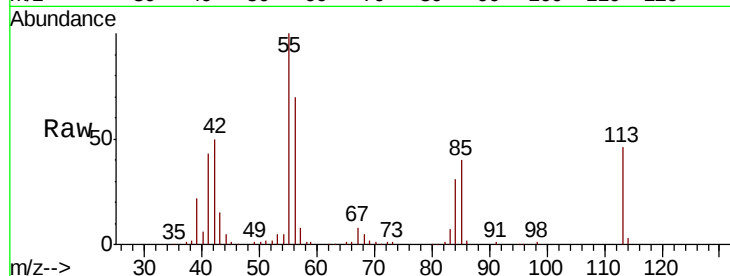
Tot Ion:113 Resp: 55315

Ion Ratio Lower Upper

113 100

55 217.7 216.9 256.9

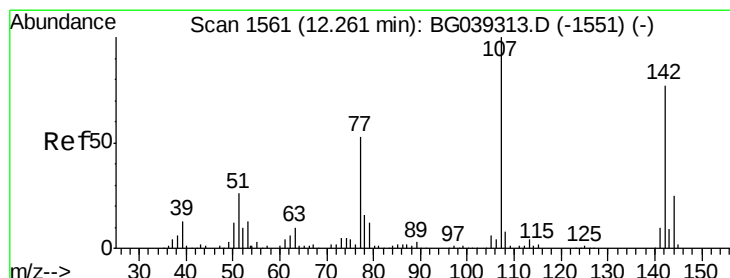
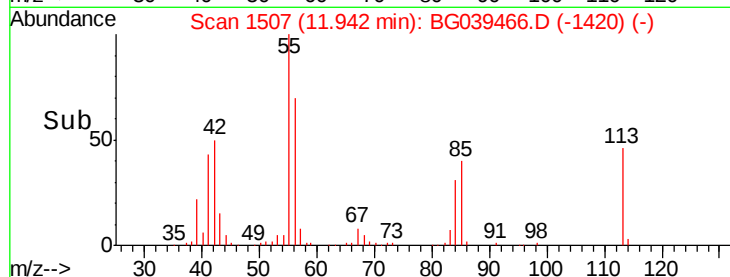
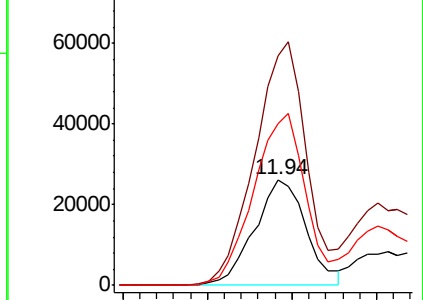
56 152.8 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 55.130 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

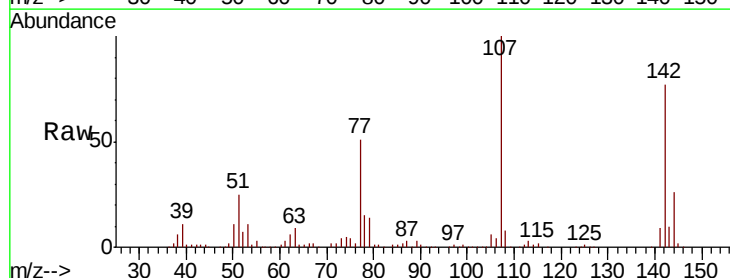
Tgt Ion:107 Resp: 276810

Ion Ratio Lower Upper

107 100

144 25.8 20.2 30.2

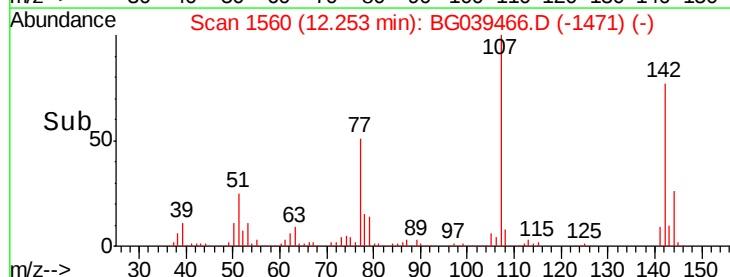
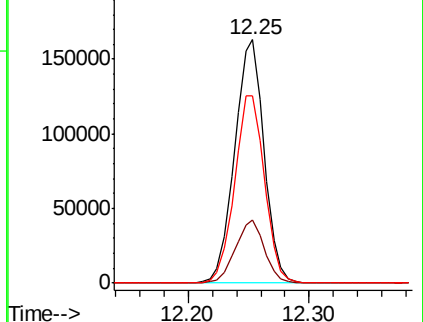
142 76.9 61.4 92.2

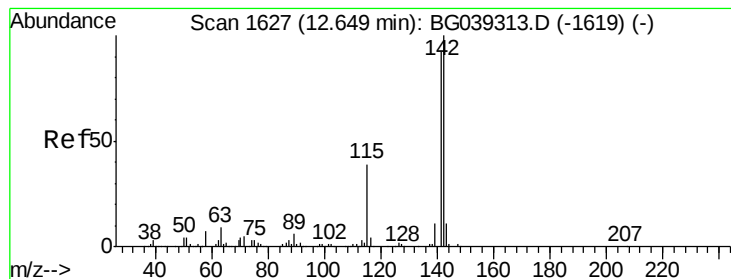


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.826 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampleId :

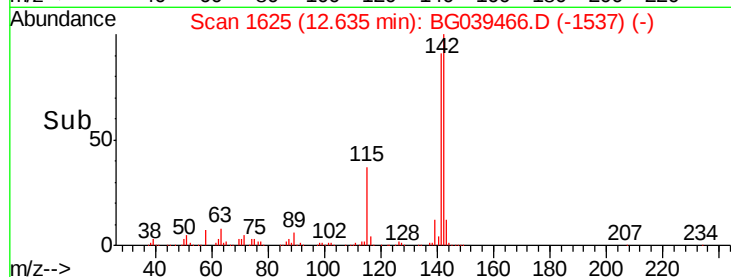
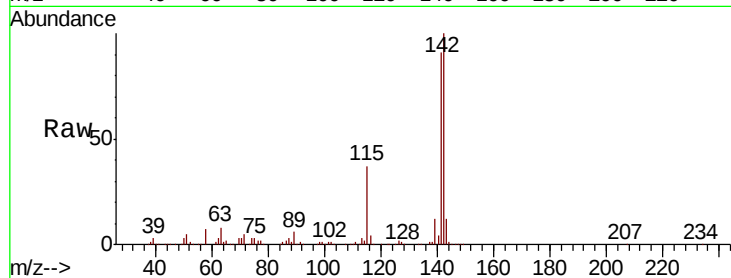
Tot Ion:142 Resp: 527178

Ion Ratio Lower Upper

142 100

141 90.8 73.5 110.3

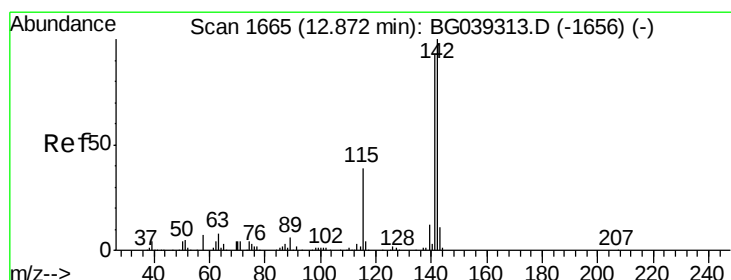
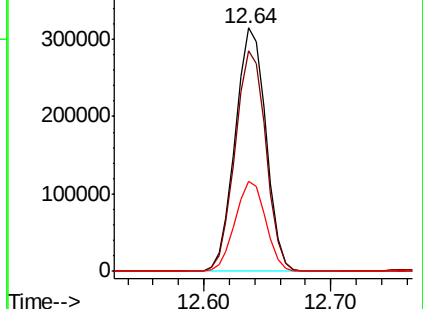
115 37.2 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 52.055 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

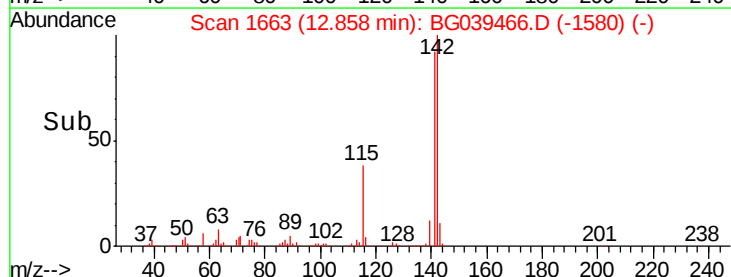
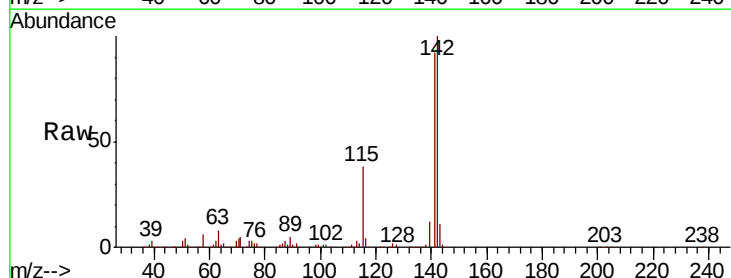
Tgt Ion:142 Resp: 510416

Ion Ratio Lower Upper

142 100

141 91.8 74.2 111.4

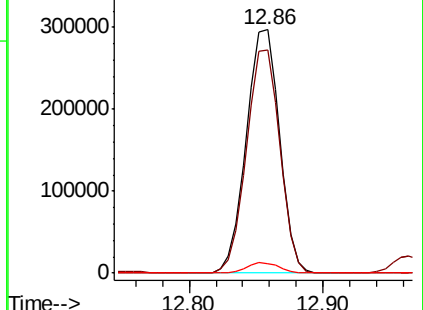
116 3.8 3.0 4.6

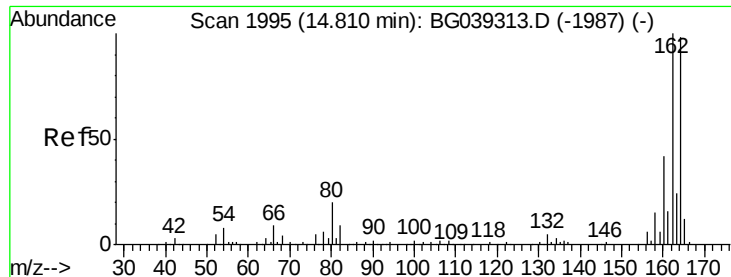


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampleId :

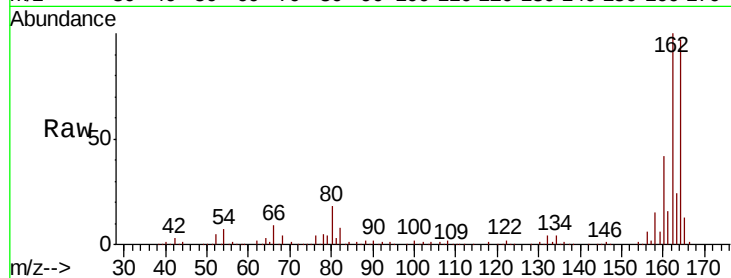
Tot Ion:164 Resp: 200948

Ion Ratio Lower Upper

164 100

162 103.4 81.6 122.4

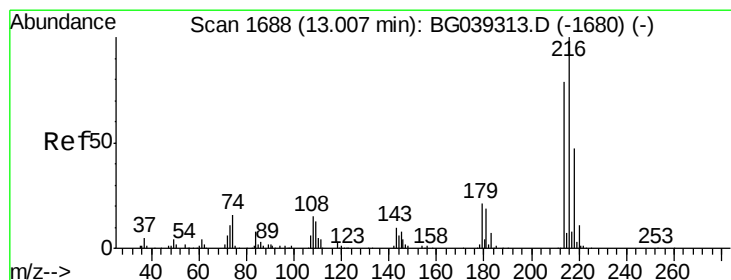
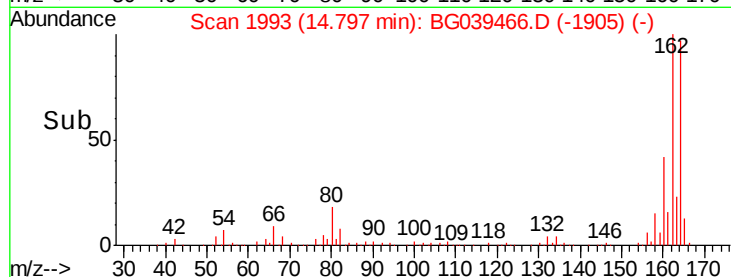
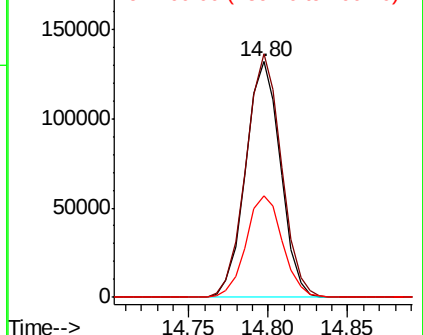
160 43.2 34.2 51.2



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: 45.866 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Tgt Ion:216 Resp: 293245

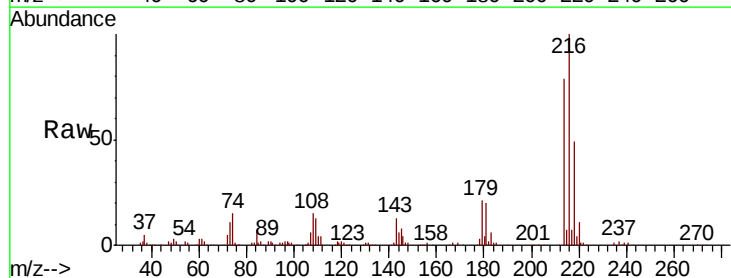
Ion Ratio Lower Upper

216 100

214 79.8 62.6 94.0

179 20.5 16.6 25.0

108 18.1 14.0 21.0

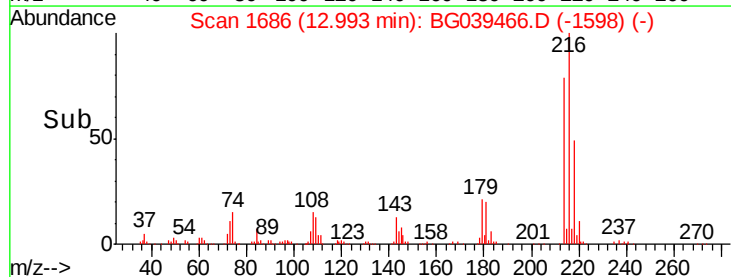
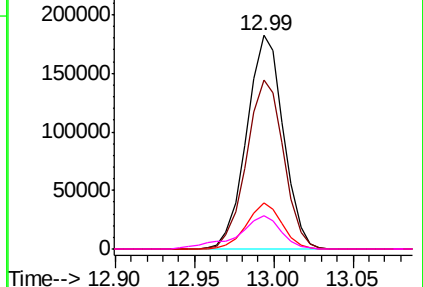


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.881 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampled :

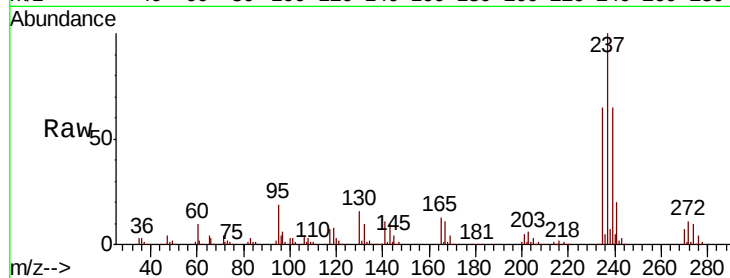
Tot Ion:237 Resp: 302689

Ion Ratio Lower Upper

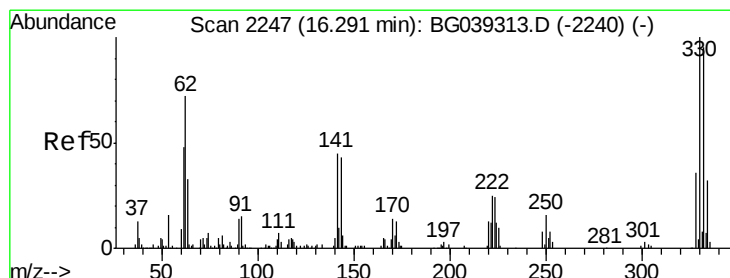
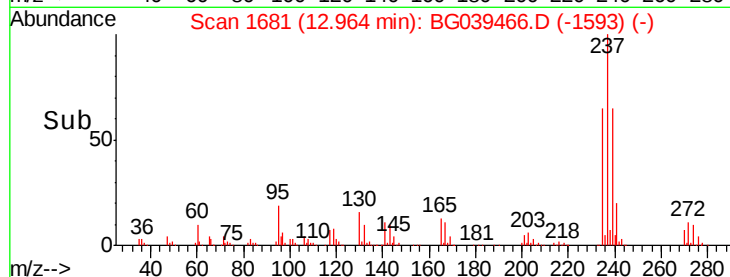
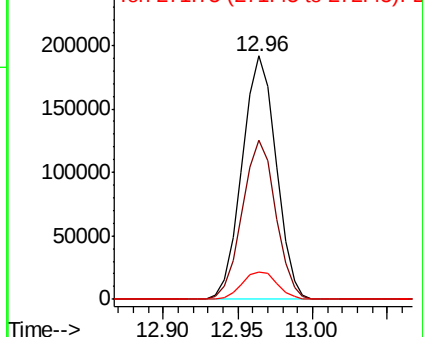
237 100

235 65.4 43.3 83.3

272 11.4 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: 154.902 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

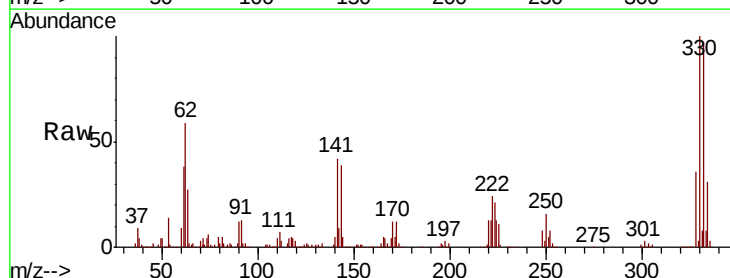
Tgt Ion:330 Resp: 335187

Ion Ratio Lower Upper

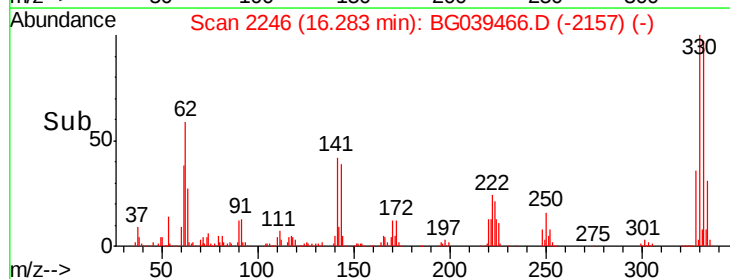
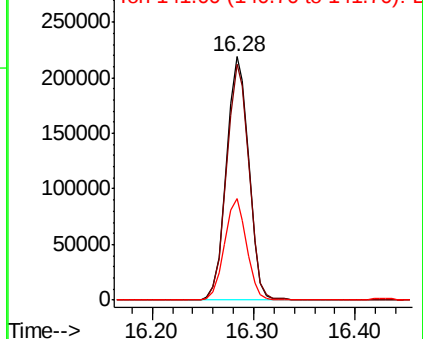
330 100

332 97.2 75.7 113.5

141 41.3 35.6 53.4



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

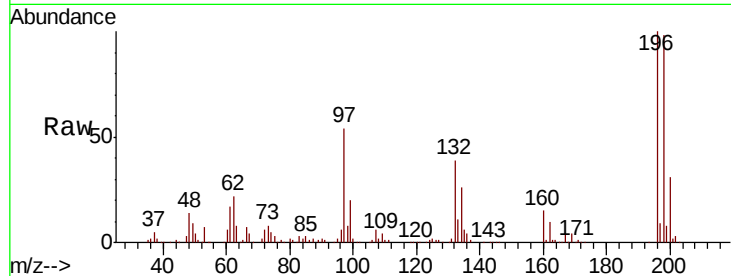




#43
 2,4,6-Trichlorophenol
 Concen: 53.740 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	80.6	121.0
200	31.2	26.1	39.1

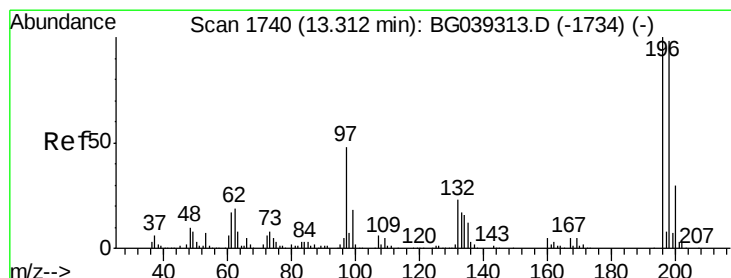
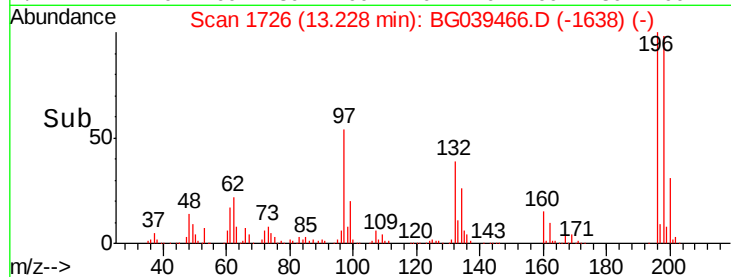
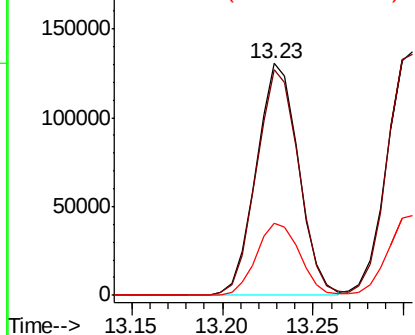


Abundance

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: 54.599 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	78.5	117.7
97	45.1	38.4	57.6
132	25.8	19.2	28.8

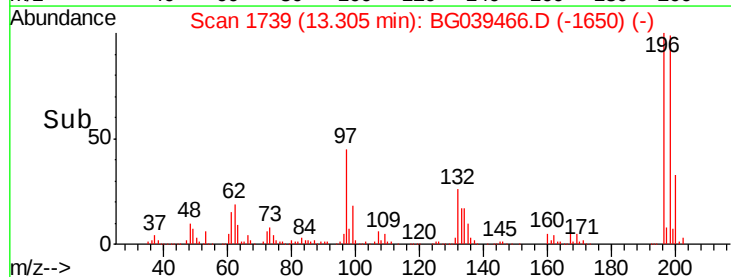
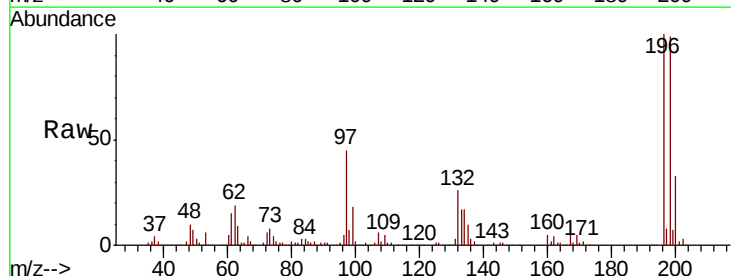
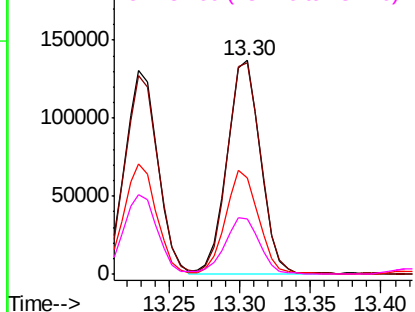
Abundance

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



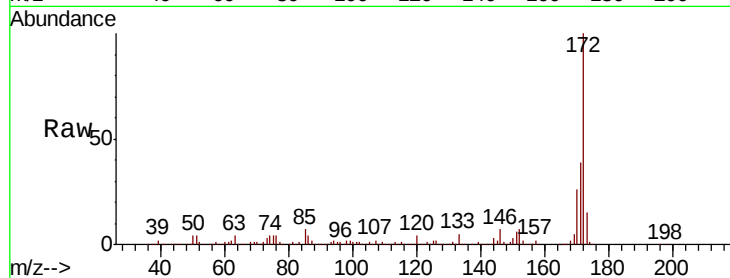


#45
 2-Fluorobiphenyl
 Concen: 85.435 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

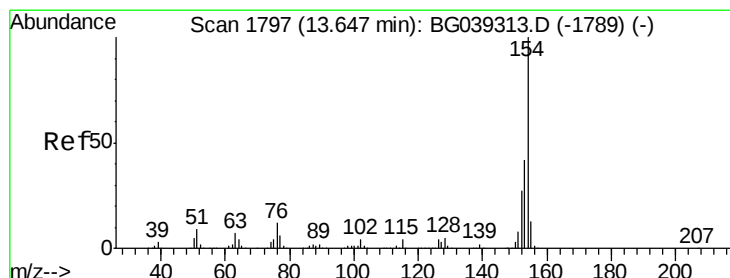
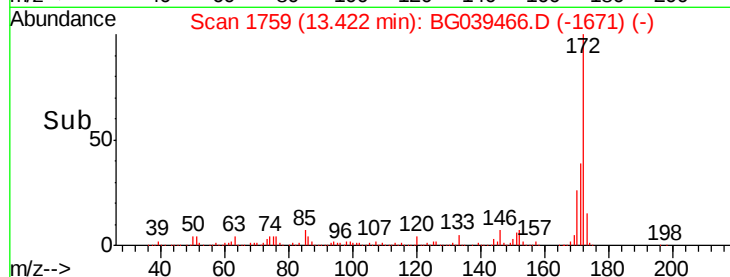
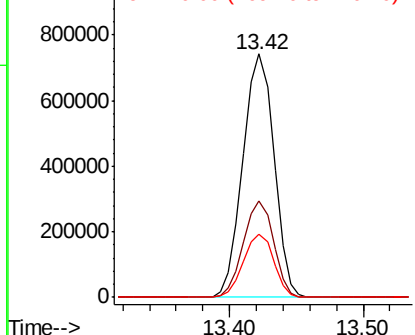
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1196746

Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.8	46.2
170	26.0	20.2	30.4



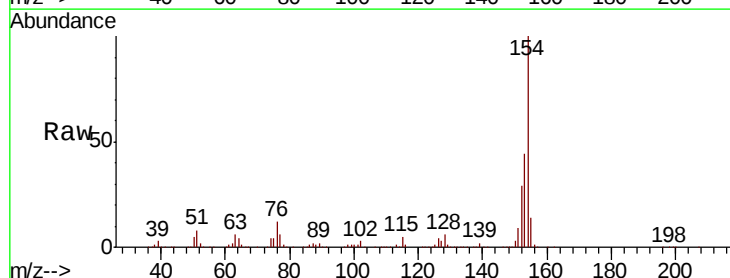
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



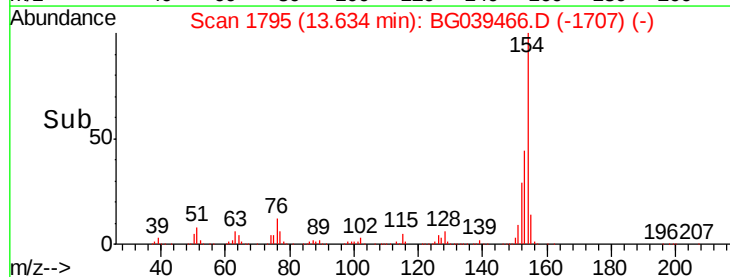
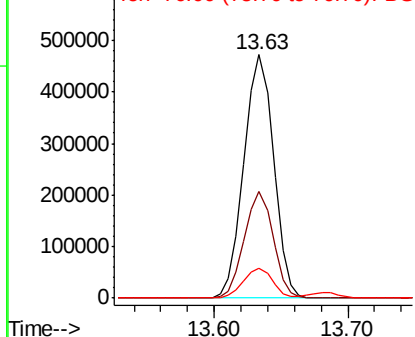
#46
 1,1'-Biphenyl
 Concen: 43.424 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

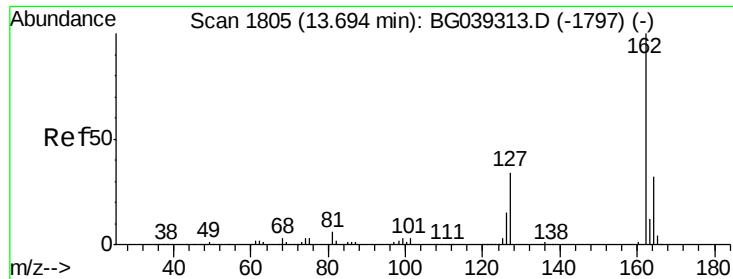
Tgt Ion:154 Resp: 726028

Ion	Ratio	Lower	Upper
154	100		
153	44.0	22.1	62.1
76	12.2	0.0	32.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

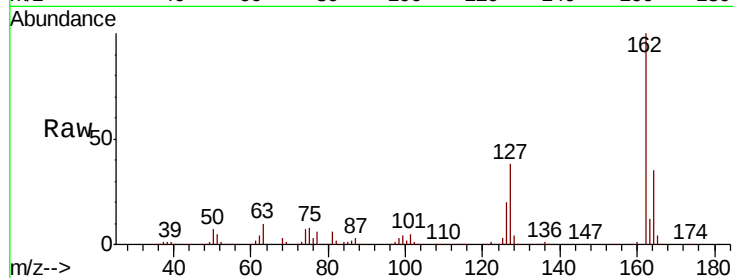




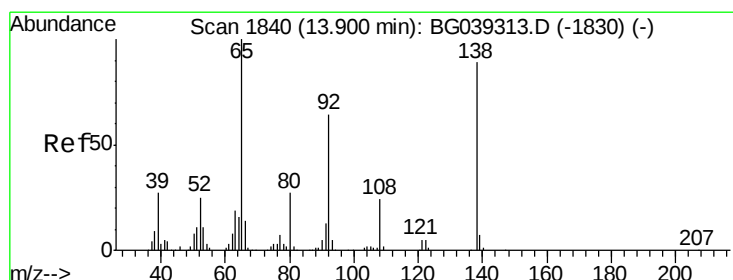
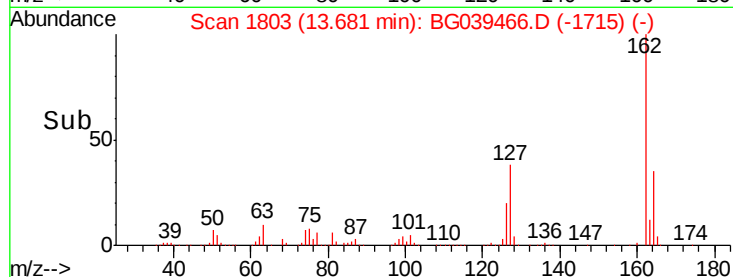
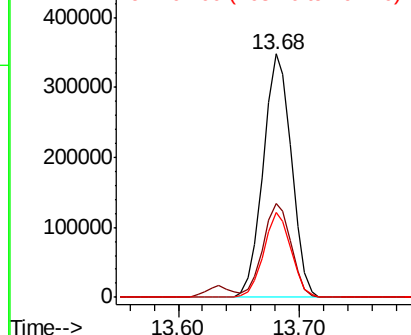
#47
2-Chloronaphthalene
Concen: 44.655 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 561654
Ion Ratio Lower Upper
162 100
127 38.5 31.0 46.6
164 34.6 25.7 38.5

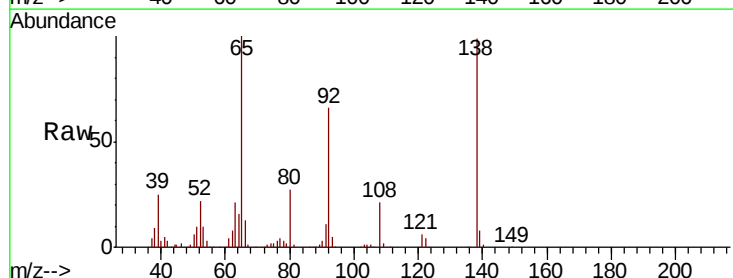


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

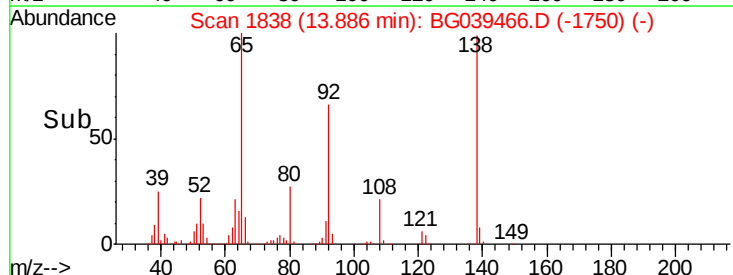
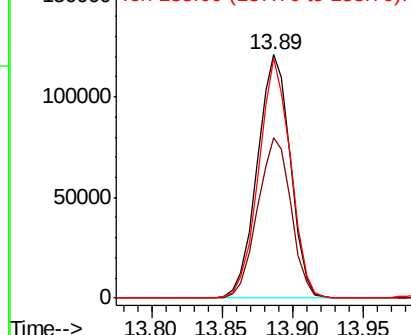


#48
2-Nitroaniline
Concen: 53.990 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion: 65 Resp: 199591
Ion Ratio Lower Upper
65 100
92 65.8 51.4 77.2
138 98.7 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: 47.749 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampleId :

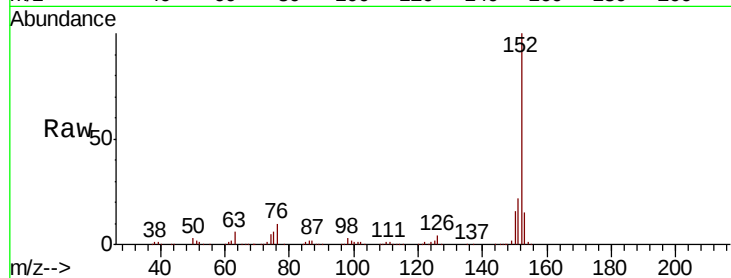
Tot Ion:152 Resp: 906212

Ion Ratio Lower Upper

152 100

151 21.7 16.8 25.2

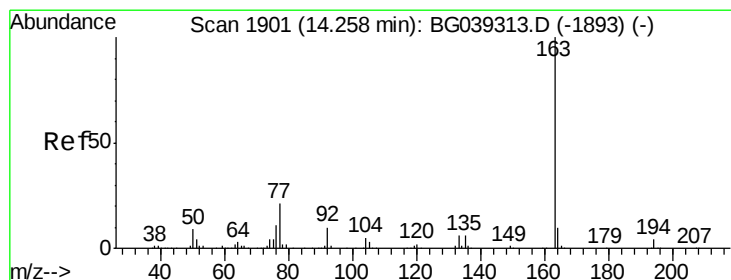
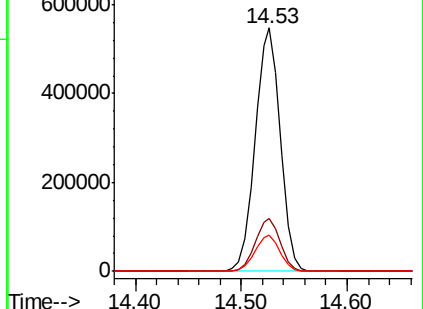
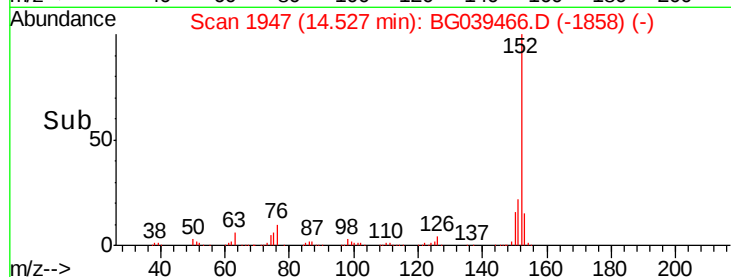
153 14.9 11.7 17.5



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: 51.921 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

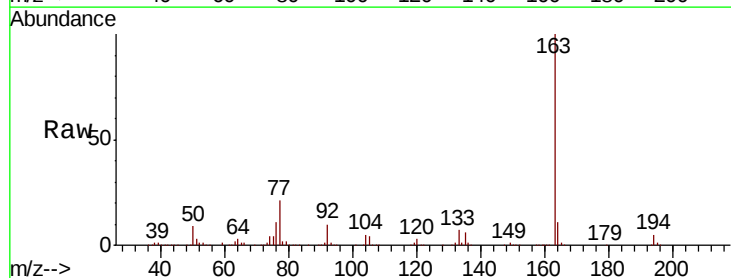
Tgt Ion:163 Resp: 842649

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

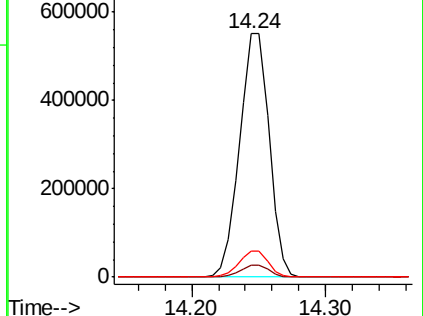
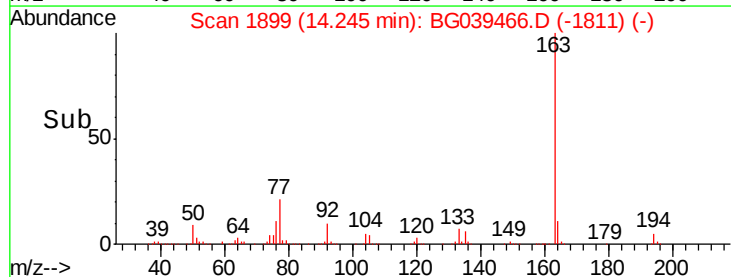
164 10.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

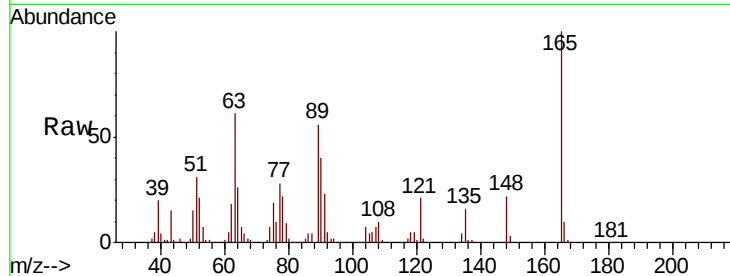




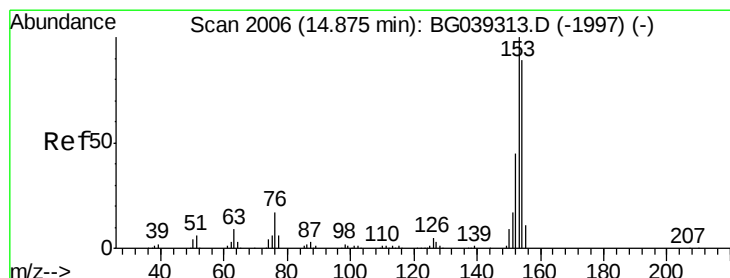
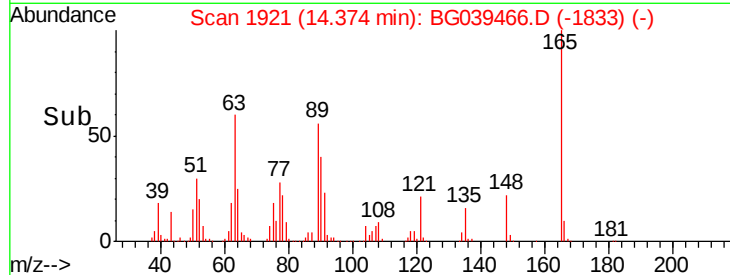
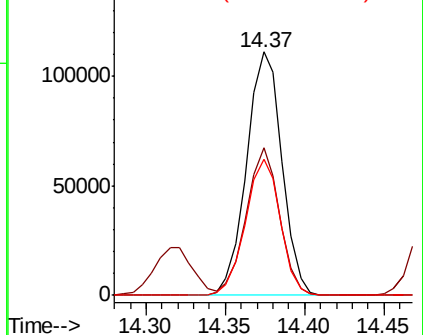
#51
2,6-Dinitrotoluene
Concen: 55.472 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 171846
Ion Ratio Lower Upper
165 100
63 60.8 47.0 70.6
89 56.0 45.8 68.8

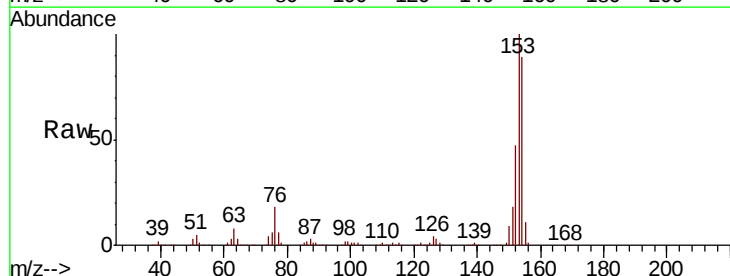


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

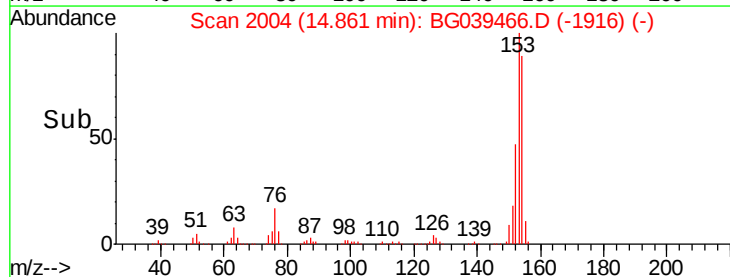
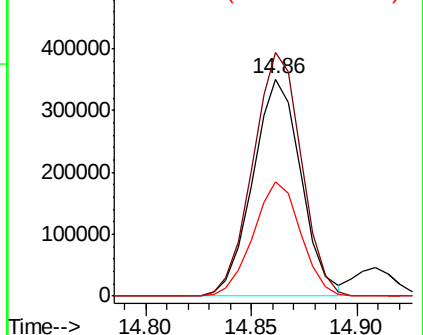


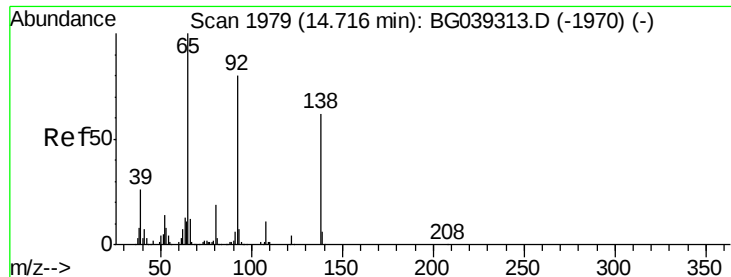
#52
Acenaphthene
Concen: 45.169 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion:154 Resp: 556459
Ion Ratio Lower Upper
154 100
153 112.3 90.1 135.1
152 52.5 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

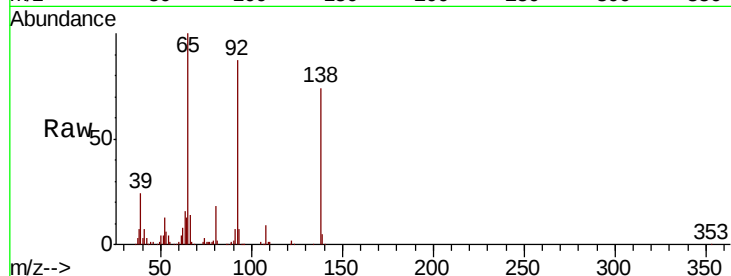




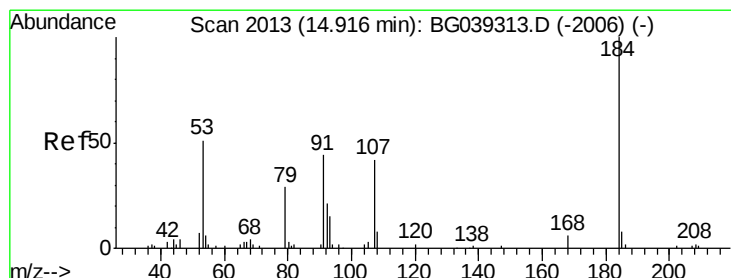
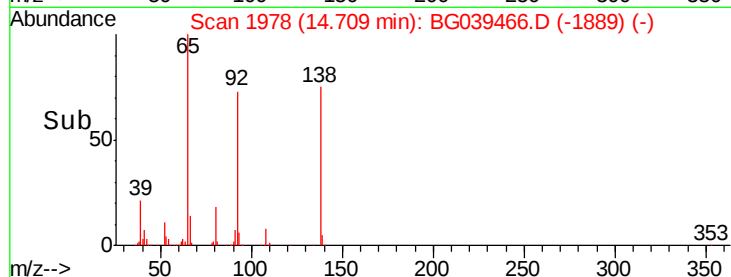
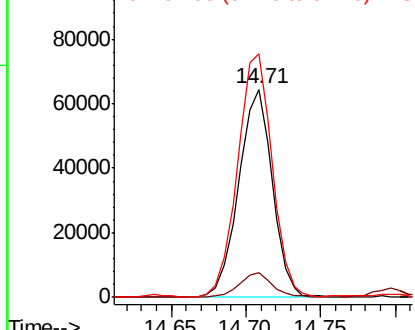
#53
3-Nitroaniline
Concen: 32.847 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 100698
Ion Ratio Lower Upper
138 100
108 12.1 13.8 20.8#
92 117.0 103.7 155.5

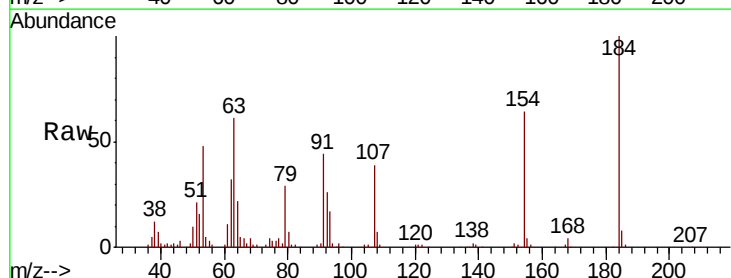


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

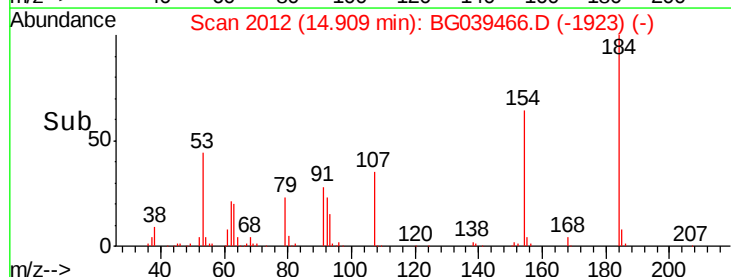
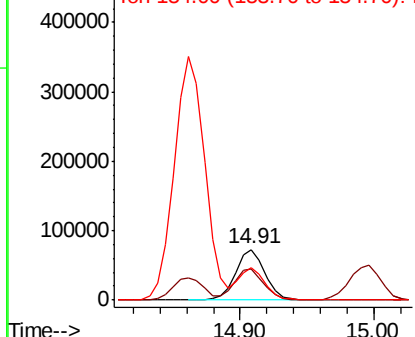


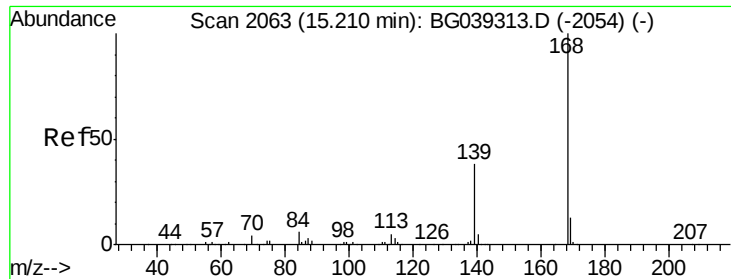
#54
2,4-Dinitrophenol
Concen: 81.608 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion:184 Resp: 110570
Ion Ratio Lower Upper
184 100
63 61.5 50.9 76.3
154 63.7 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

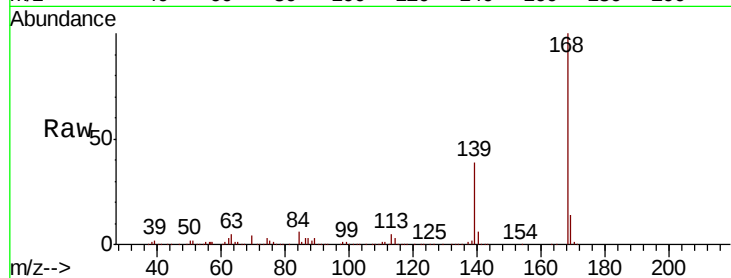




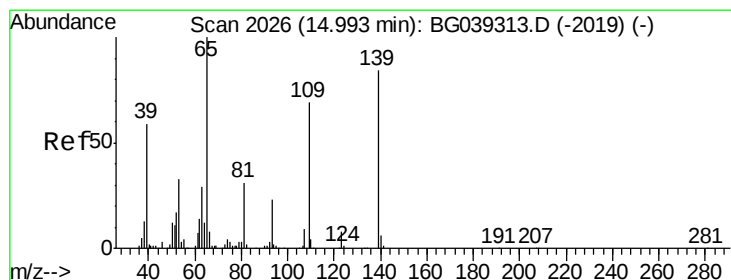
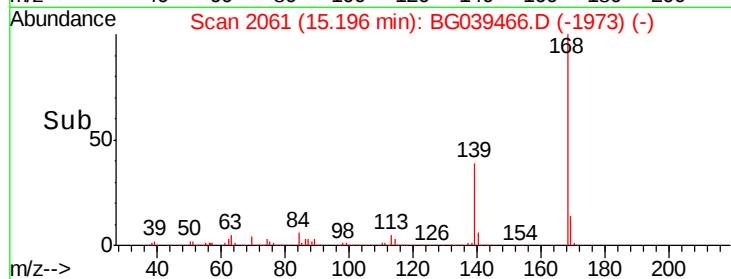
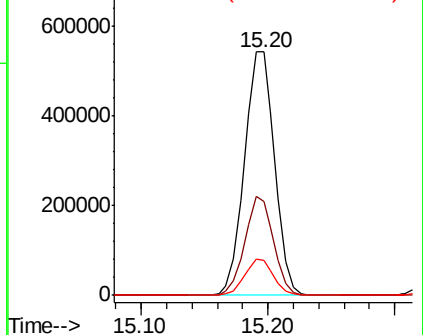
#55
Dibenzofuran
Concen: 45.167 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	14.2	10.6	16.0

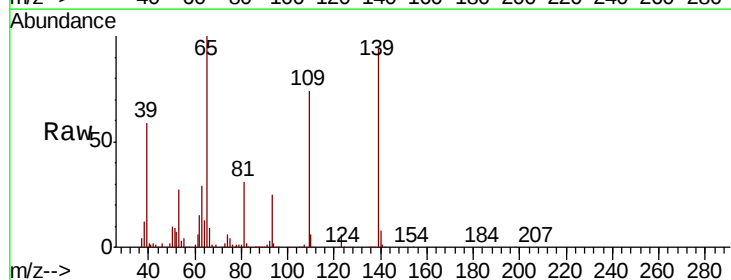


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

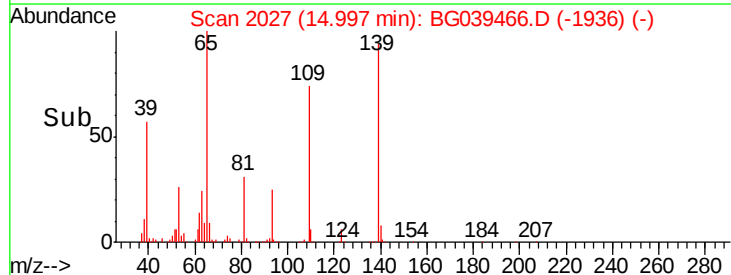
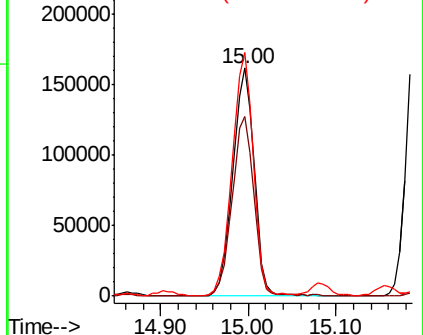


#56
4-Nitrophenol
Concen: 90.373 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.7	61.9	101.9
65	106.7	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

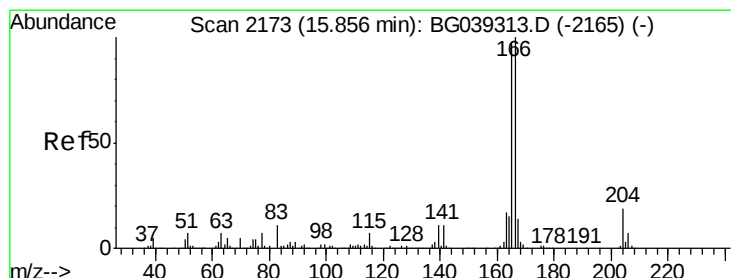
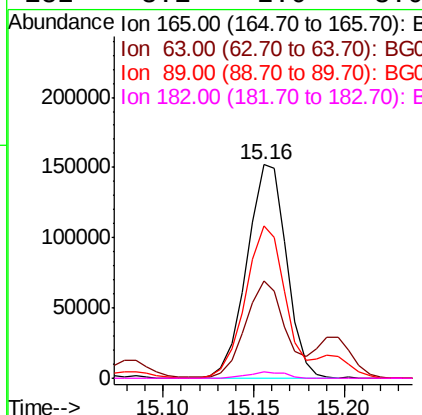
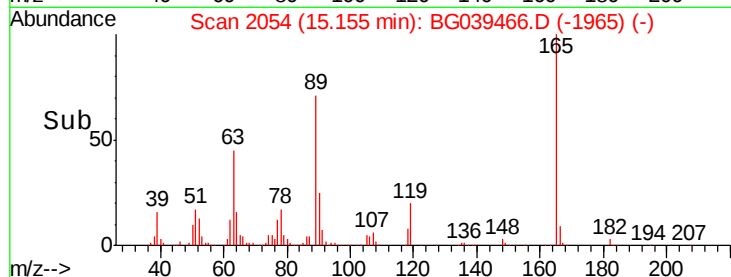
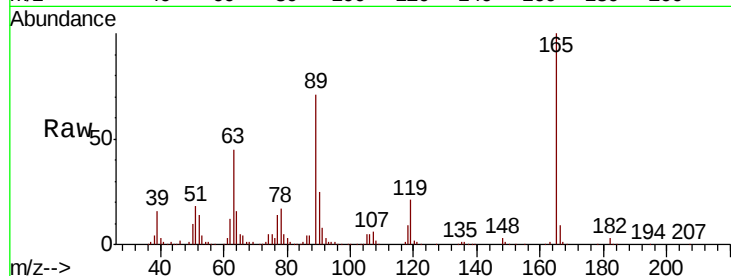




#57
2,4-Dinitrotoluene
Concen: 57.771 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

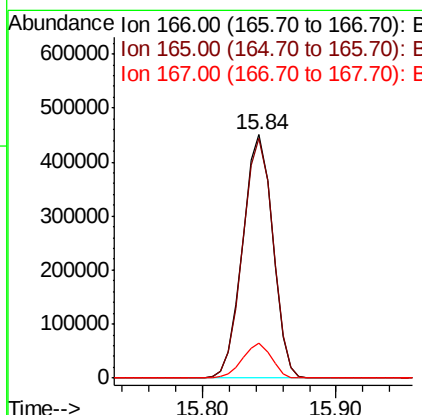
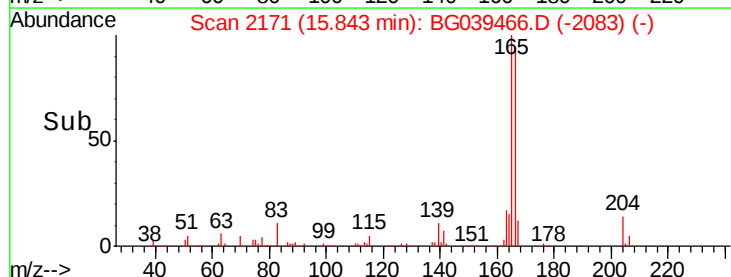
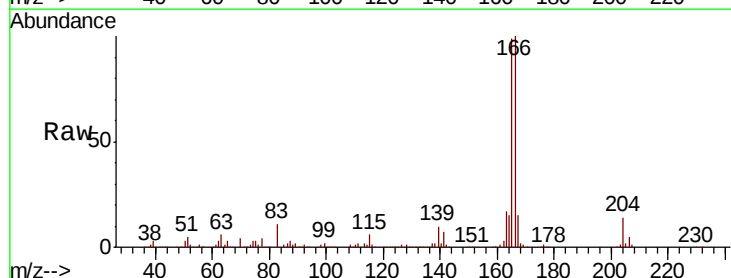
Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 231854
Ion Ratio Lower Upper
165 100
63 45.4 41.0 61.6
89 71.2 64.6 96.8
182 3.1 2.0 3.0#



#58
Fluorene
Concen: 47.577 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion:166 Resp: 700543
Ion Ratio Lower Upper
166 100
165 98.7 77.9 116.9
167 14.5 10.8 16.2

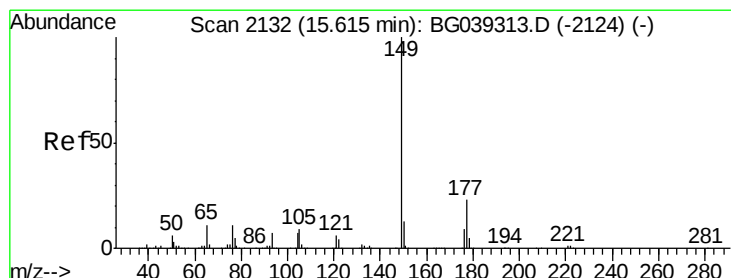
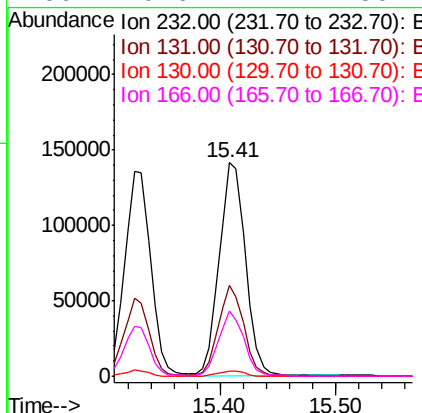
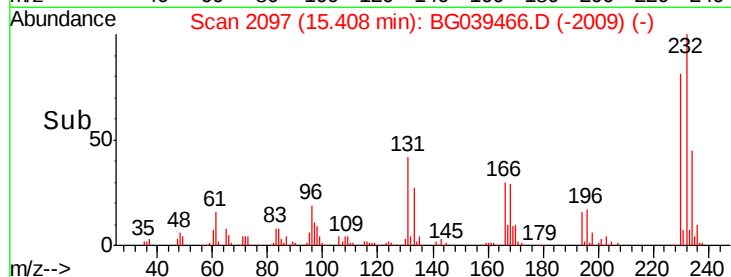
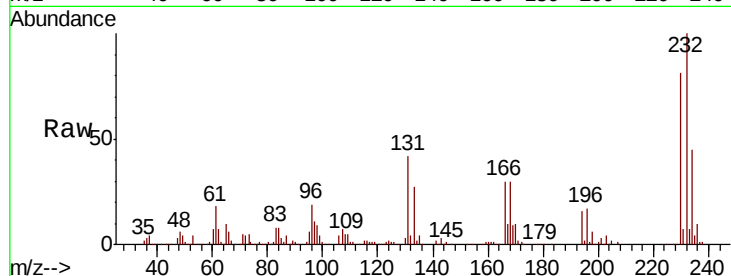




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.605 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

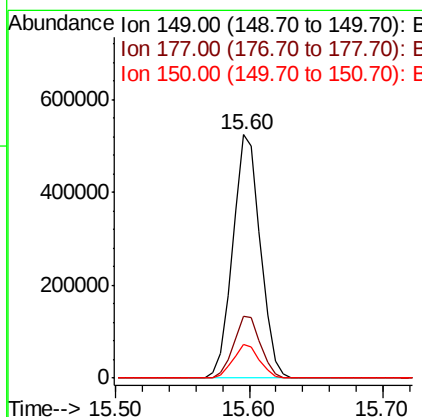
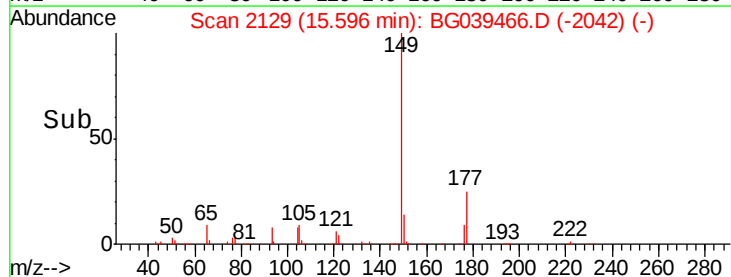
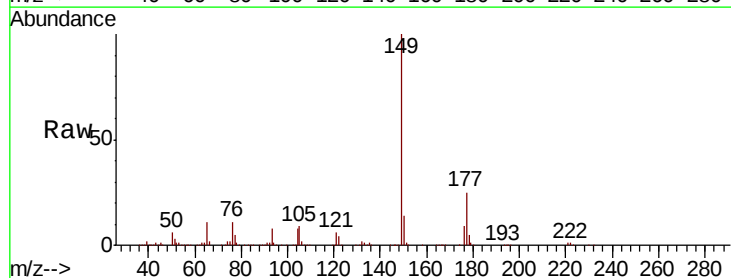
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	222226
Ion	Ratio	Lower	Upper
232	100		
131	41.5	34.9	52.3
130	2.5	2.0	3.0
166	29.6	24.1	36.1



#60
 Diethylphthalate
 Concen: 44.831 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

Tgt Ion:	149	Resp:	752272
Ion	Ratio	Lower	Upper
149	100		
177	25.2	18.3	27.5
150	13.6	10.2	15.2

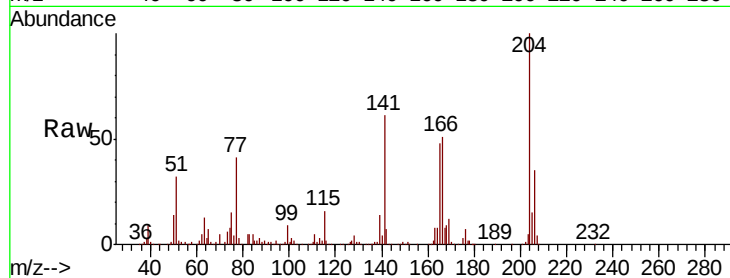




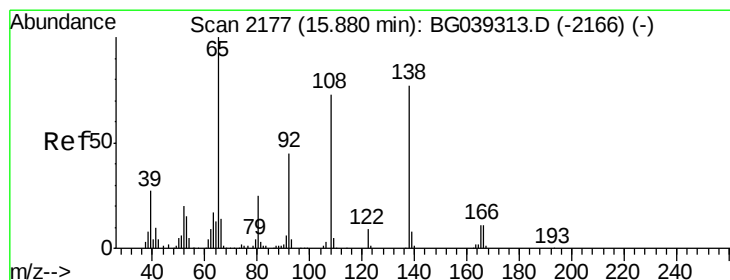
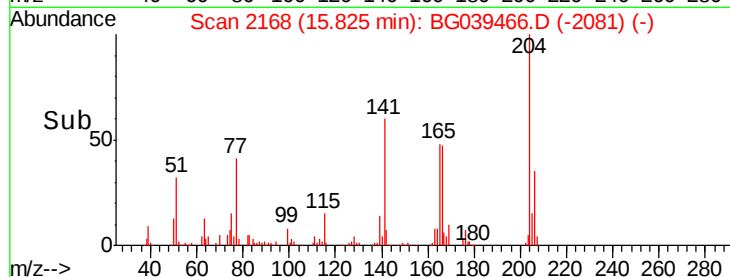
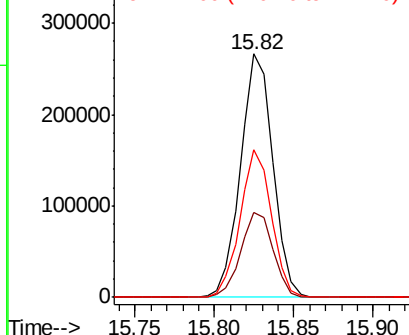
#61
4-Chlorophenyl-phenylether
Concen: 45.178 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 376668
Ion Ratio Lower Upper
204 100
206 34.8 29.2 43.8
141 60.6 49.0 73.4

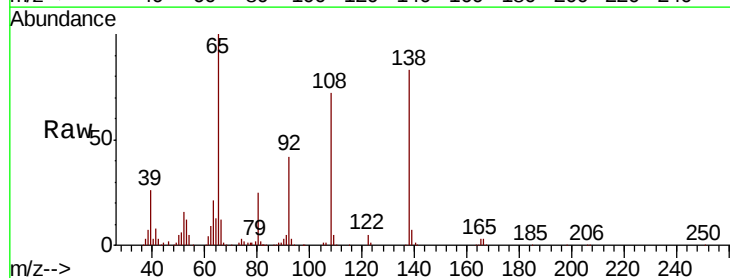


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

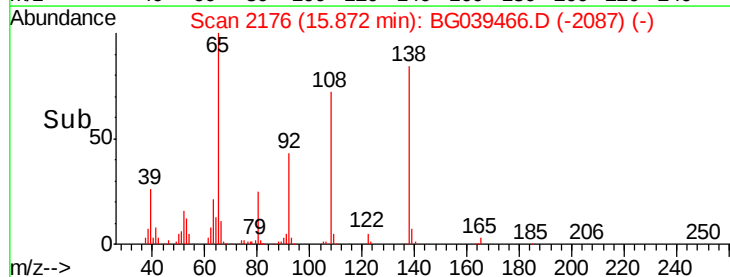
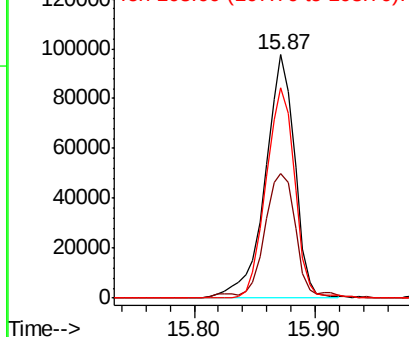


#62
4-Nitroaniline
Concen: 48.414 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion:138 Resp: 164902
Ion Ratio Lower Upper
138 100
92 51.0 38.7 78.7
108 86.5 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

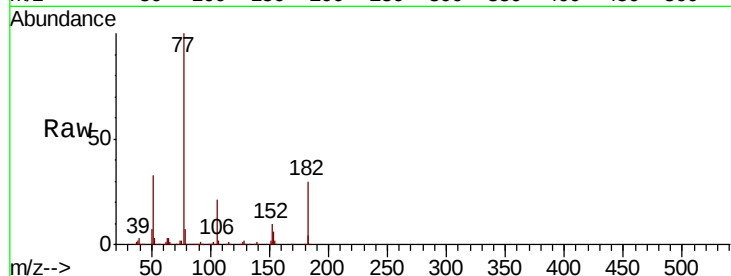




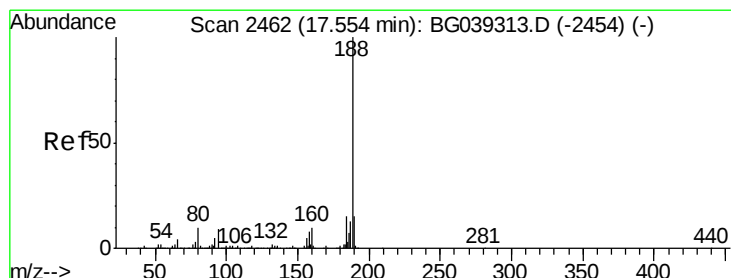
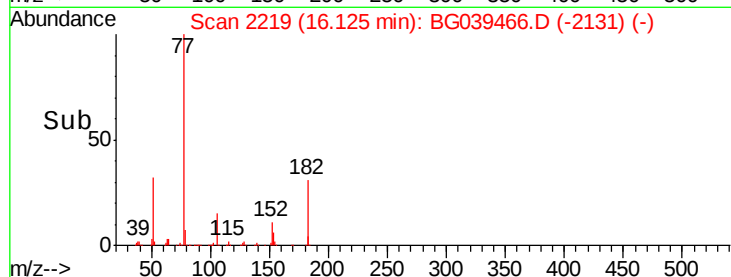
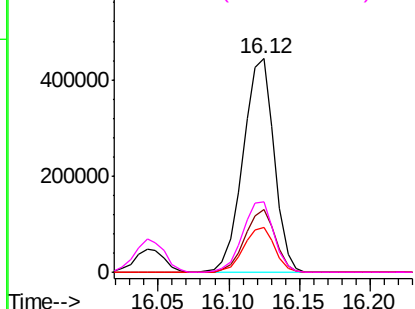
#63
Azobenzene
Concen: 41.609 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	682418
Ion	Ratio	Lower	Upper
77	100		
182	29.7	6.4	46.4
105	21.1	0.0	39.8
51	33.2	14.1	54.1

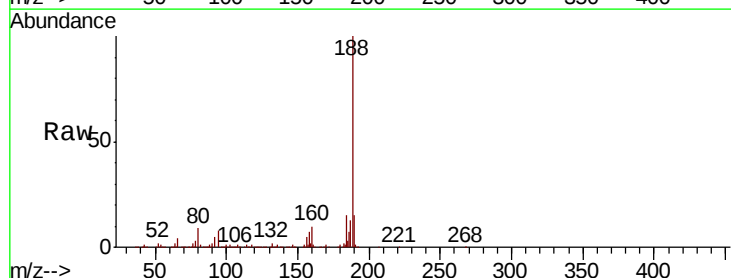


Abundance Ion 77.00 (76.70 to 77.70): BG039466.D (-2213) (-)
Ion 182.00 (181.70 to 182.70): BG039466.D (-2213) (-)
Ion 105.00 (104.70 to 105.70): BG039466.D (-2213) (-)
Ion 51.00 (50.70 to 51.70): BG039466.D (-2213) (-)

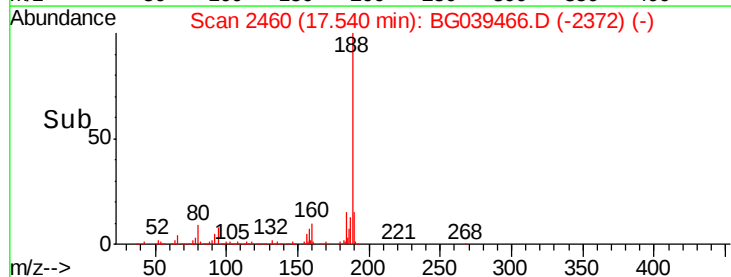
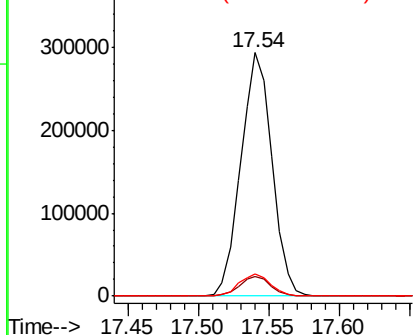


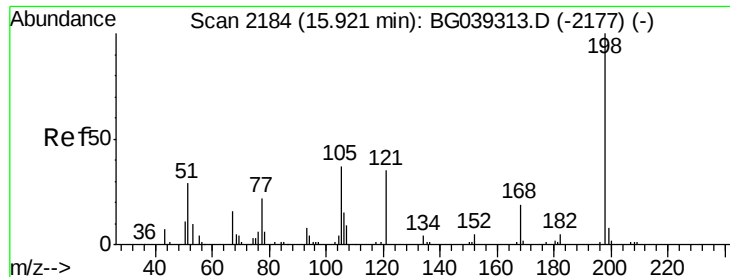
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion:	188	Resp:	452522
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.9	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): BG039466.D (-2372) (-)
Ion 94.00 (93.70 to 94.70): BG039466.D (-2372) (-)
Ion 80.00 (79.70 to 80.70): BG039466.D (-2372) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 61.375 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampleId :

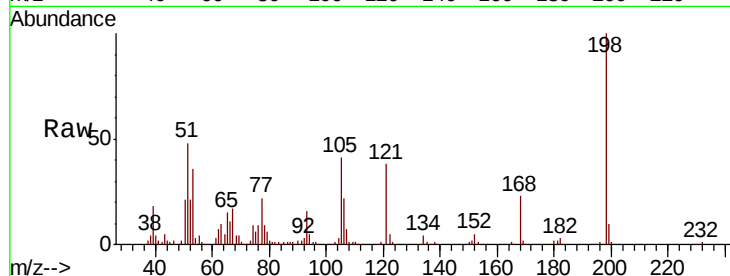
Tot Ion:198 Resp: 121474

Ion Ratio Lower Upper

198 100

51 48.4 27.4 67.4

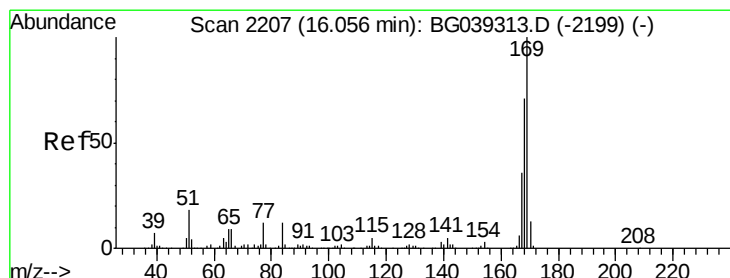
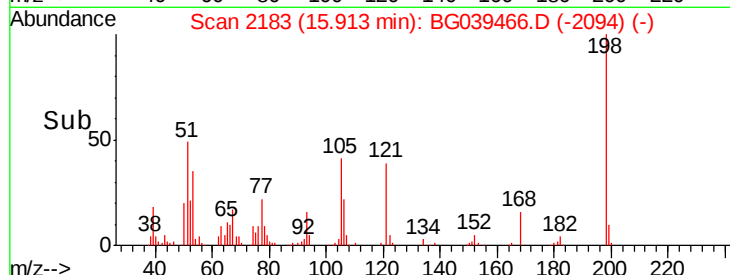
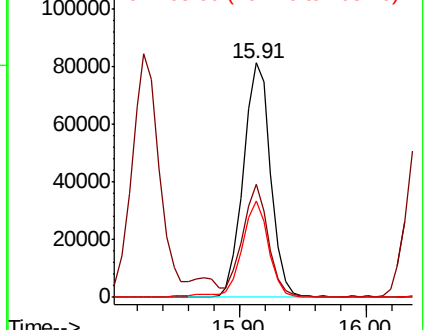
105 40.9 19.7 59.7



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: 47.224 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

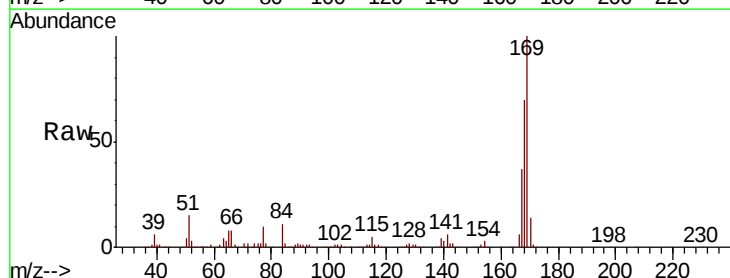
Tgt Ion:169 Resp: 649785

Ion Ratio Lower Upper

169 100

168 70.0 56.6 85.0

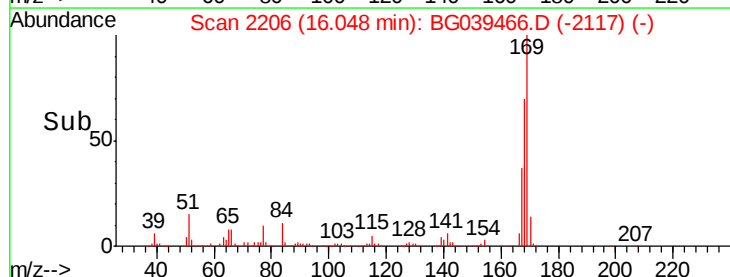
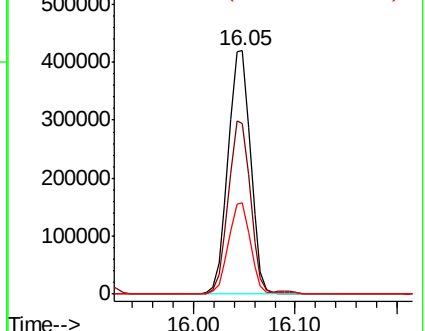
167 37.3 28.8 43.2

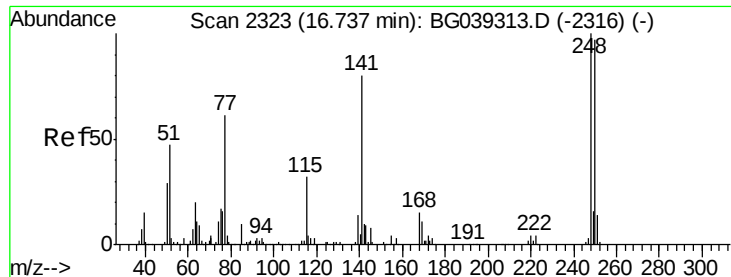


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

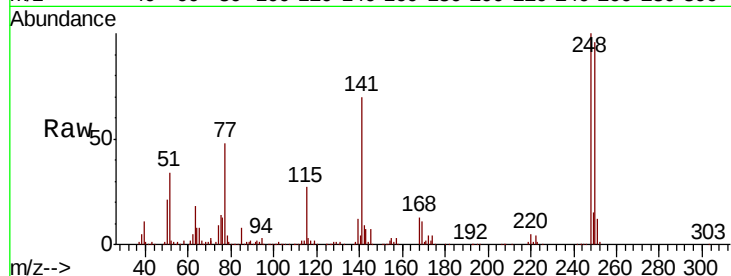




#67
4-Bromophenyl-phenylether
Concen: 49.338 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.6	116.4
141	69.5	63.9	95.9

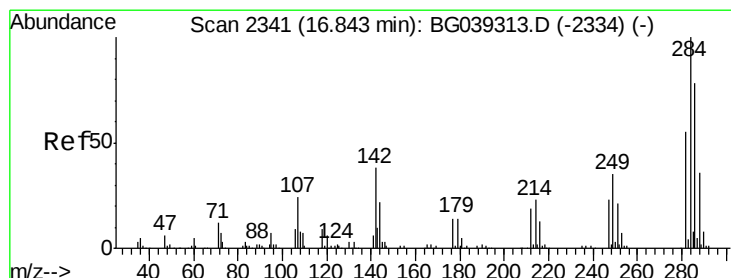
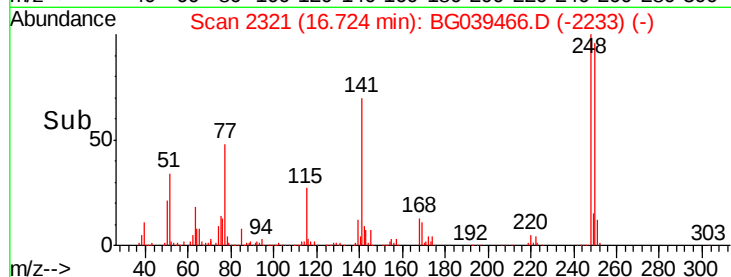
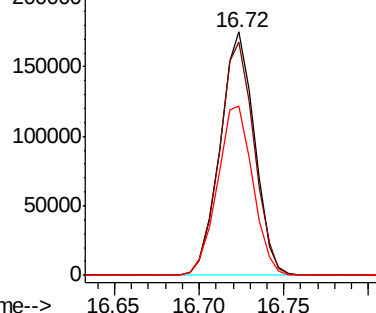


Abundance

Ion 248.00 (247.70 to 248.70): E

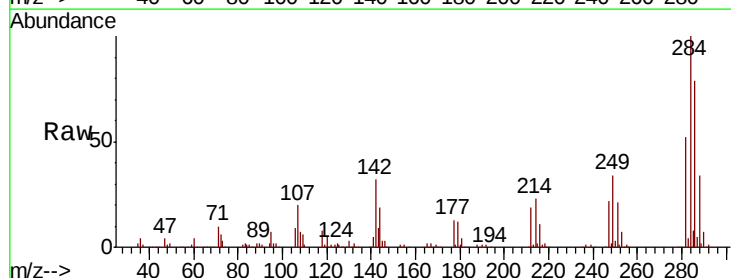
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.515 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	30.6	45.8
249	34.2	28.2	42.2

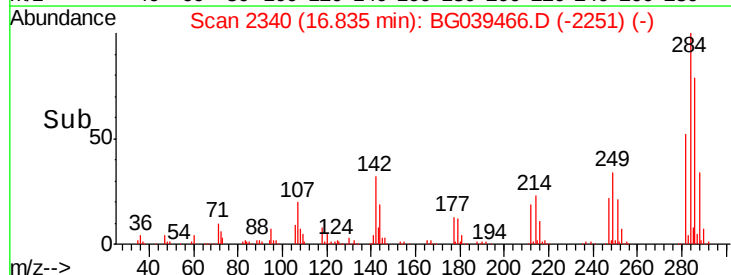
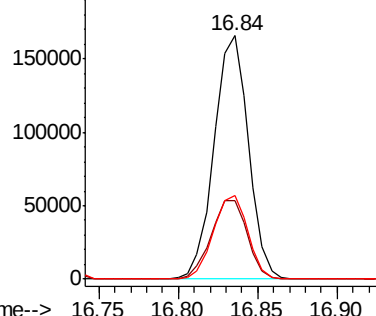


Abundance

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: 48.088 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampled :

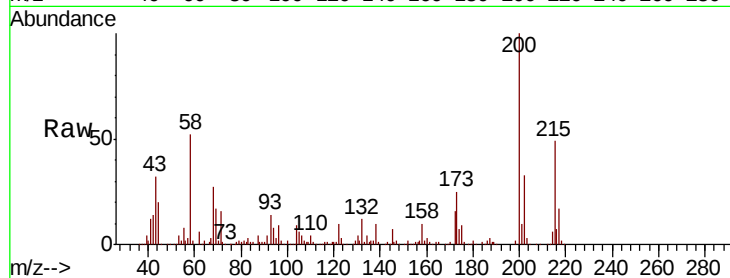
Tot Ion:200 Resp: 241805

Ion Ratio Lower Upper

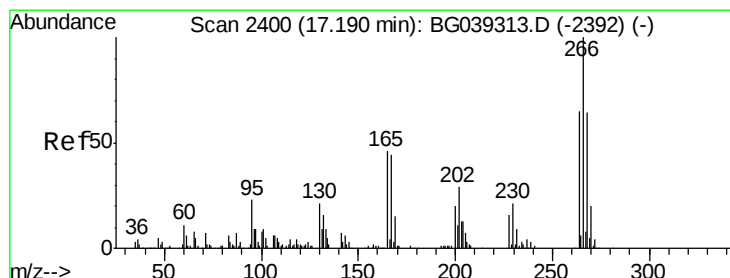
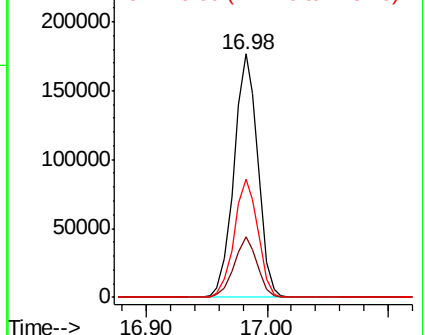
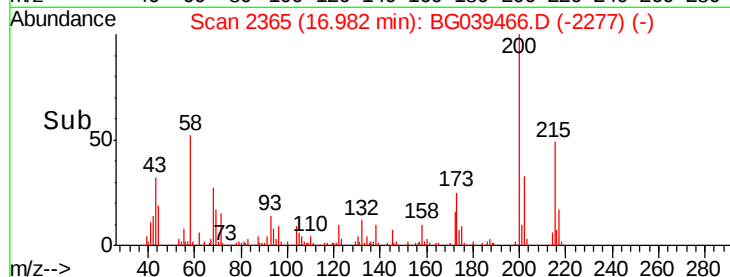
200 100

173 24.8 3.9 43.9

215 48.6 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 83.687 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

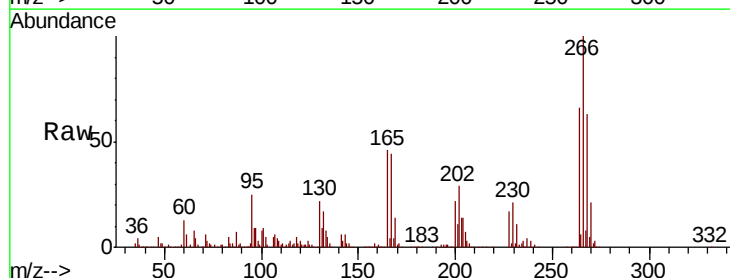
Tgt Ion:266 Resp: 292961

Ion Ratio Lower Upper

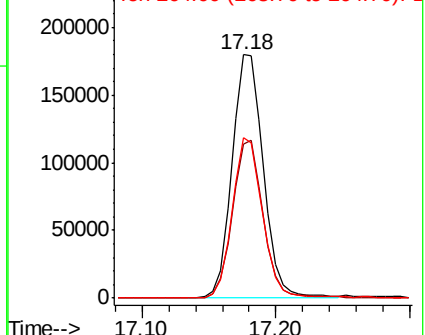
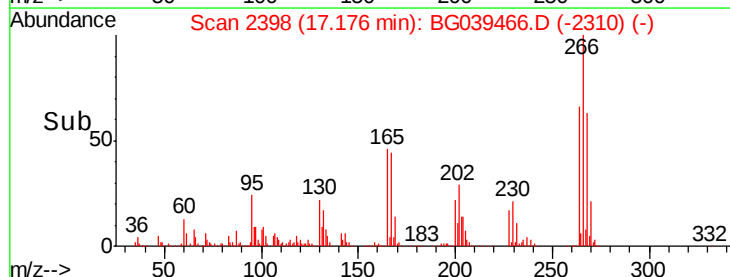
266 100

268 63.4 51.1 76.7

264 65.9 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

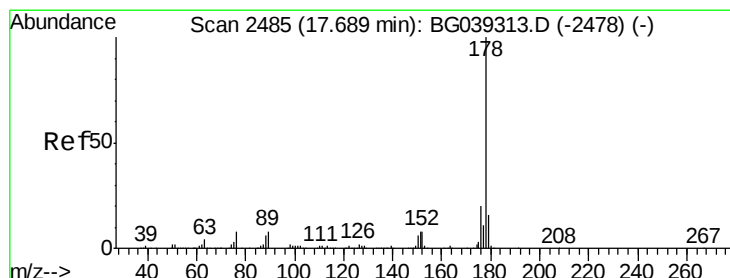
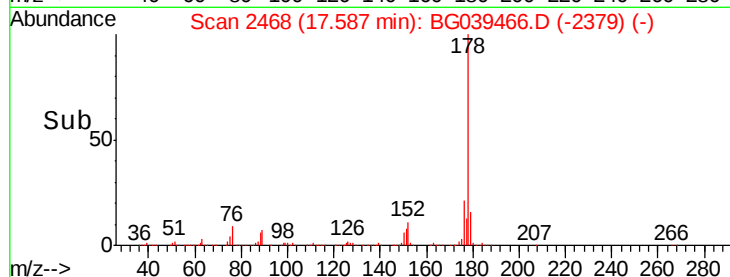
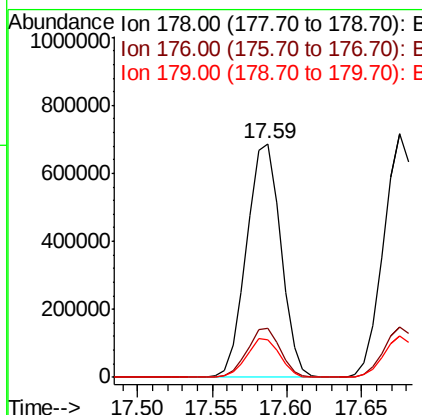
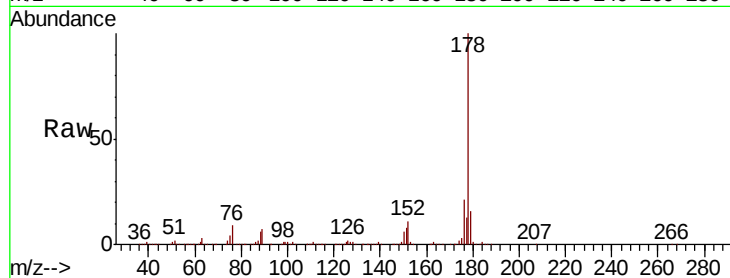




#71
Phenanthrene
Concen: 46.430 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

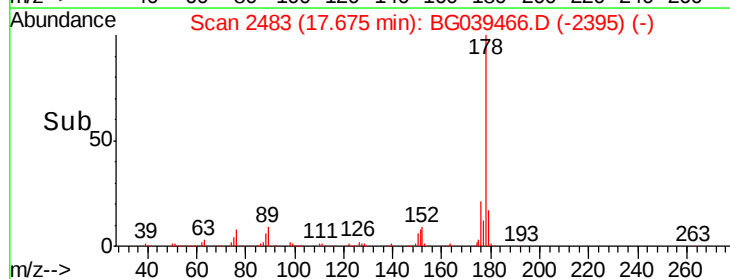
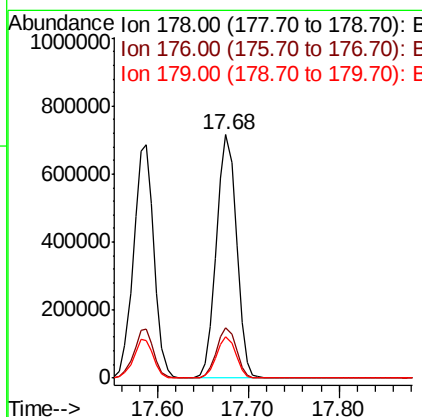
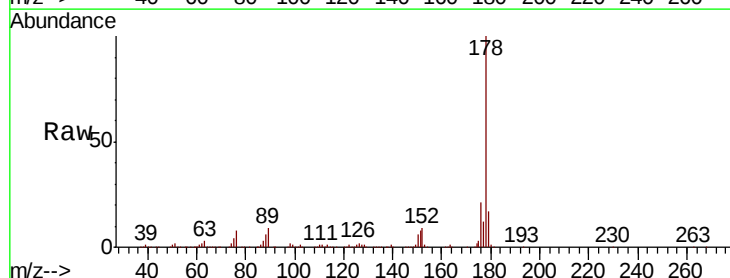
Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 1087445
Ion Ratio Lower Upper
178 100
176 21.2 16.2 24.4
179 16.0 12.6 19.0



#72
Anthracene
Concen: 47.551 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion:178 Resp: 1097006
Ion Ratio Lower Upper
178 100
176 20.8 15.8 23.6
179 16.8 12.5 18.7

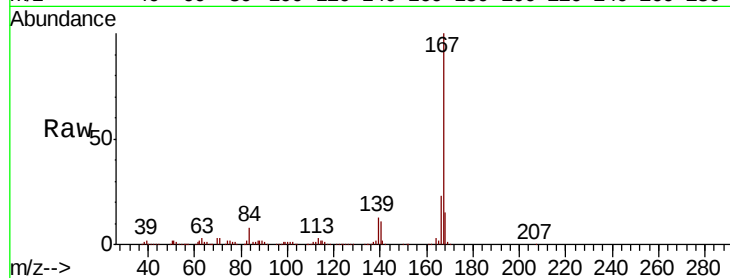




#73
 Carbazole
 Concen: 39.971 ng
 RT: 17.95 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.4	29.2
139	13.0	10.8	16.2

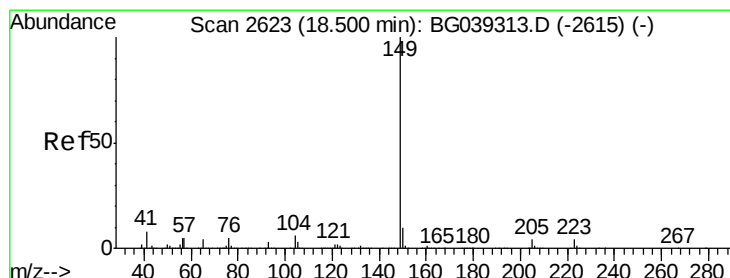
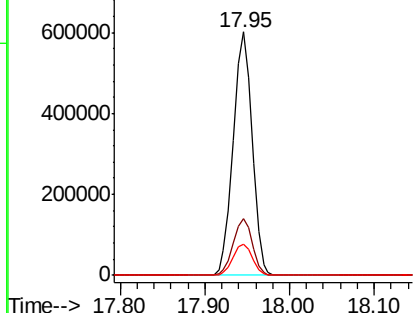
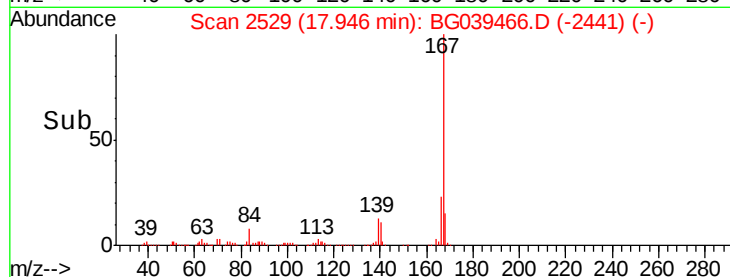


Abundance

Ion 167.00 (166.70 to 167.70): E

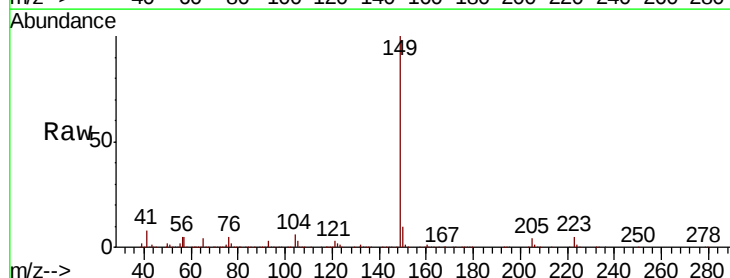
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.547 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039466.D
 Acq: 12 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.7	11.5
104	5.6	4.5	6.7

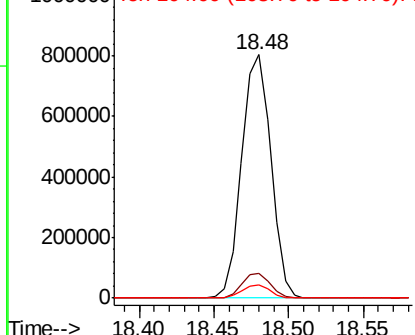
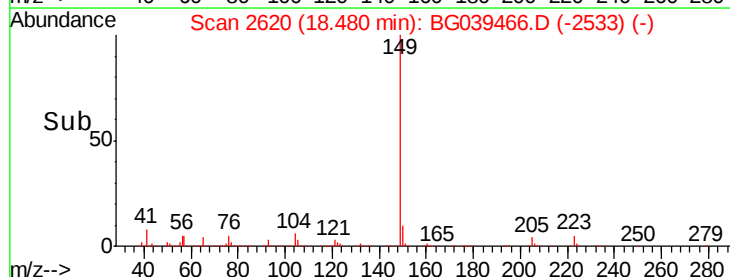


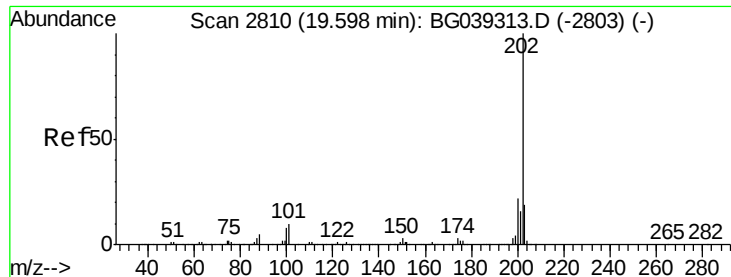
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.596 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampleId :

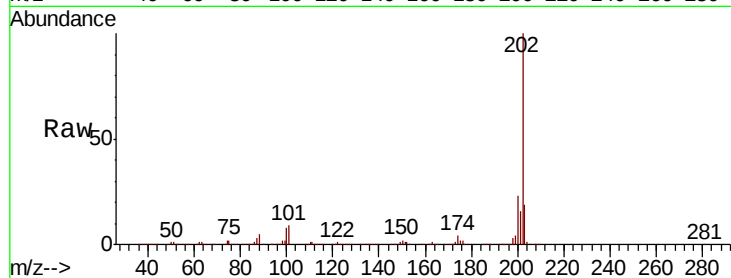
Tot Ion:202 Resp: 1130769

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.0

203 19.2 0.0 38.9

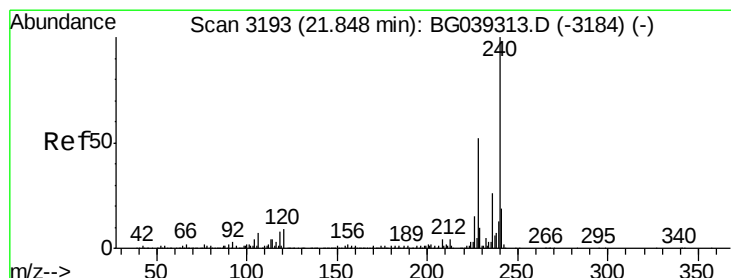
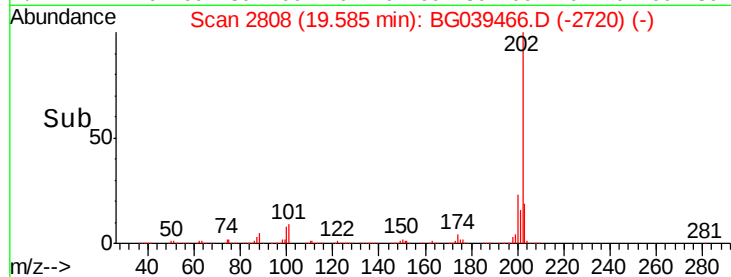
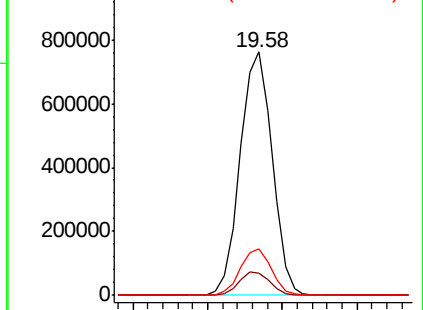


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

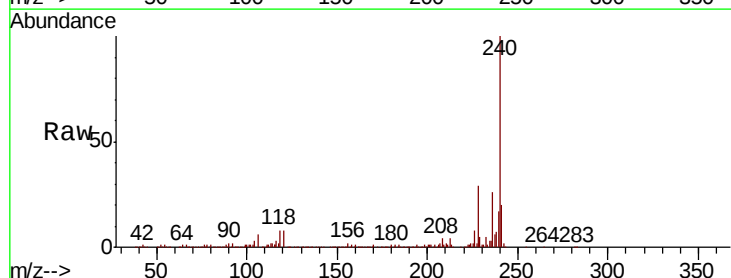
Tgt Ion:240 Resp: 374191

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

236 26.1 21.0 31.4

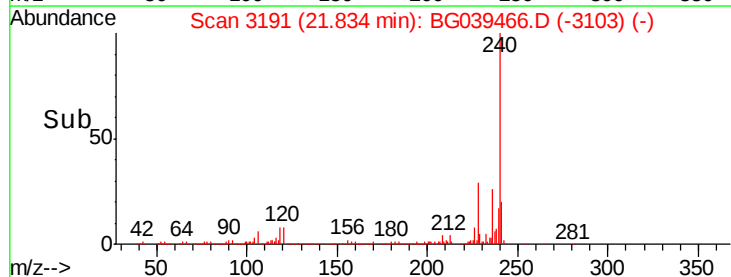
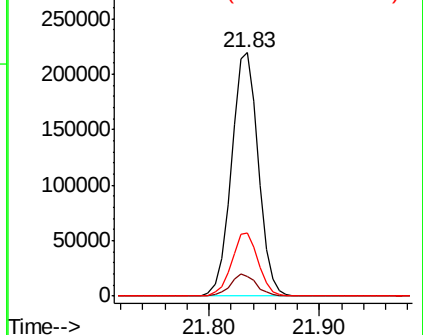


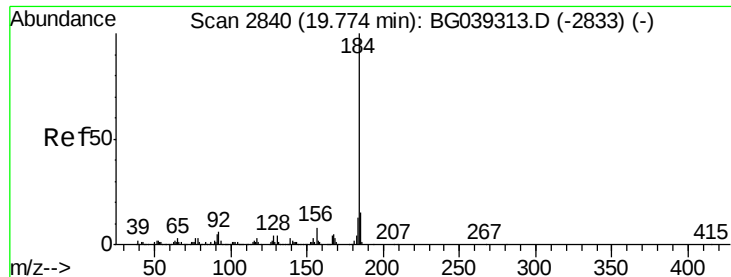
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.412 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampleId :

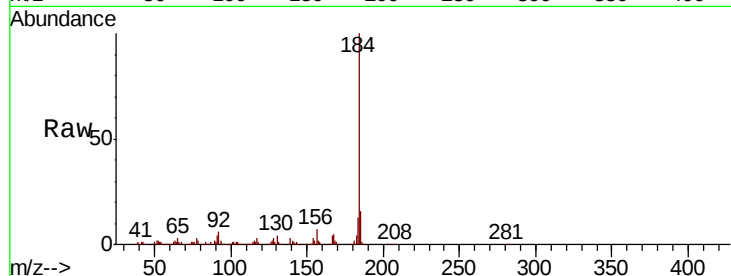
Tot Ion:184 Resp: 348564

Ion Ratio Lower Upper

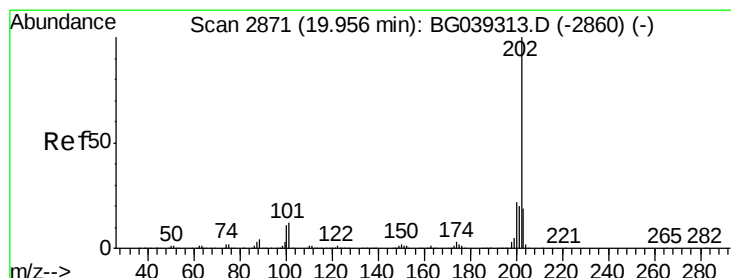
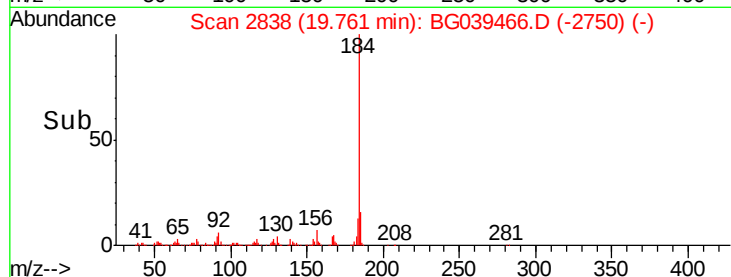
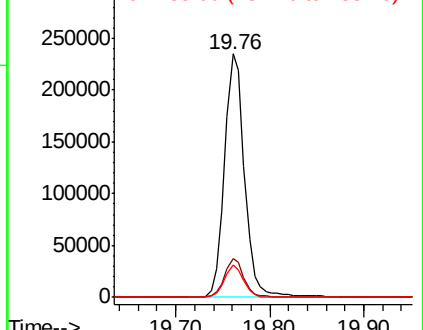
184 100

185 15.9 12.2 18.2

183 13.1 10.6 15.8



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



#78

Pyrene

Concen: 47.642 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

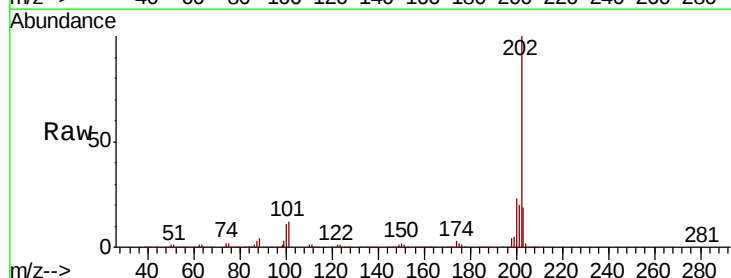
Tgt Ion:202 Resp: 1109783

Ion Ratio Lower Upper

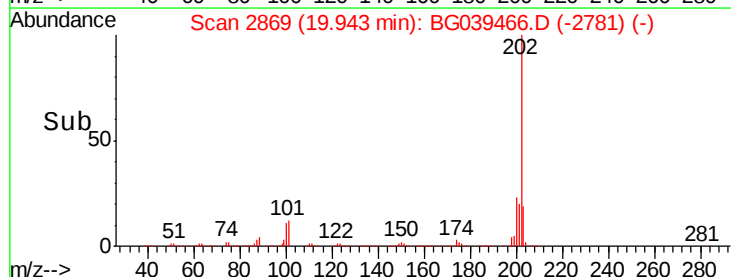
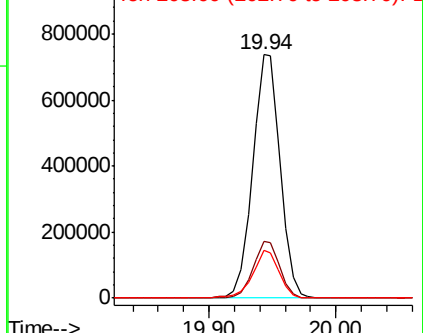
202 100

200 23.3 17.8 26.8

203 19.5 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: 85.492 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

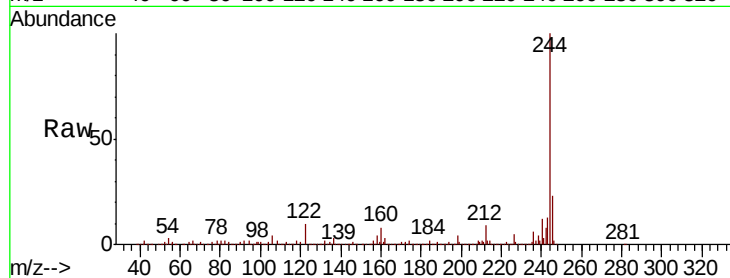
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1511337

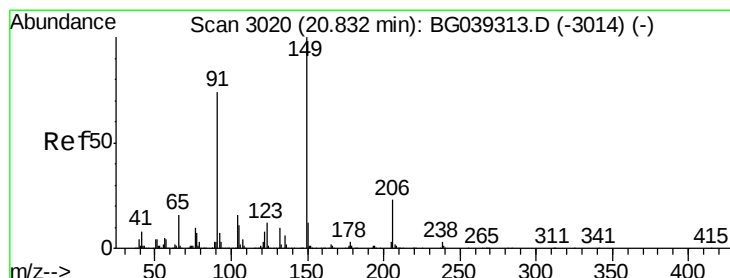
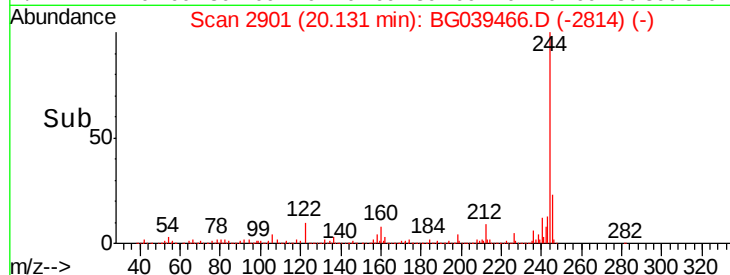
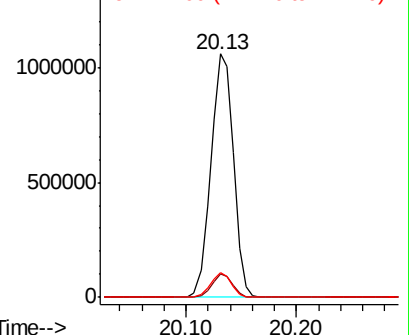
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	10.0	8.4	12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.240 ng

RT: 20.81 min Scan# 3017

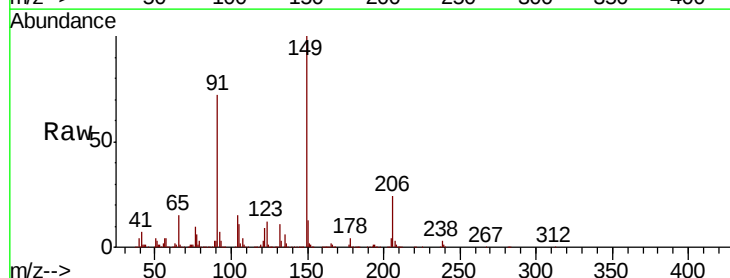
Delta R.T. -0.02 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Tgt Ion:149 Resp: 464206

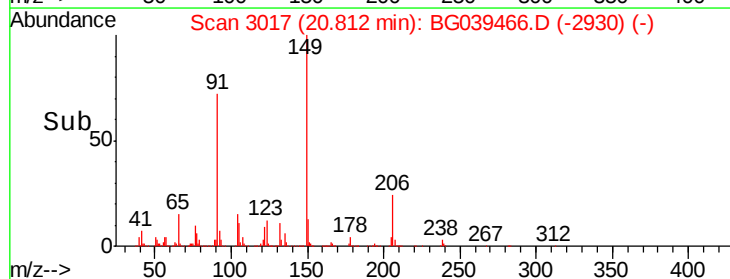
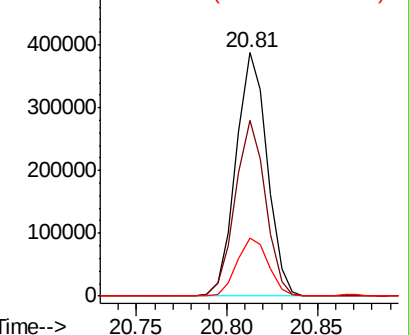
Ion	Ratio	Lower	Upper
149	100		
91	72.1	59.5	89.3
206	24.0	18.6	27.8

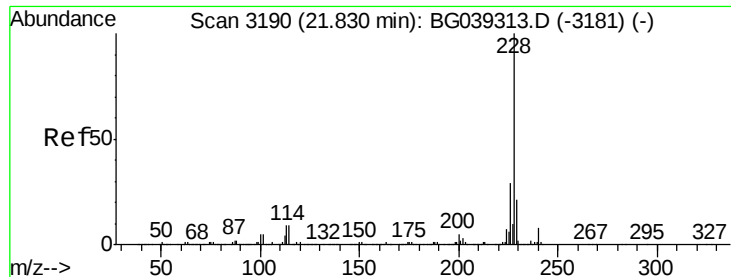


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.565 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

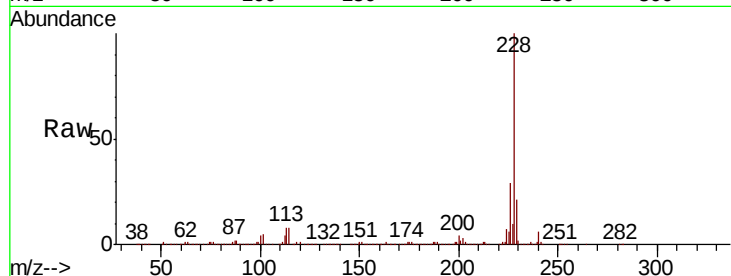
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1073800

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.6
229	21.4	16.9	25.3

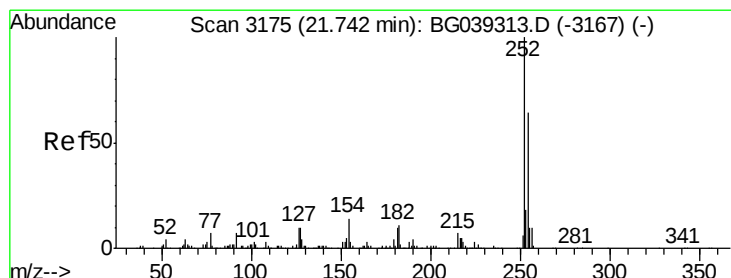
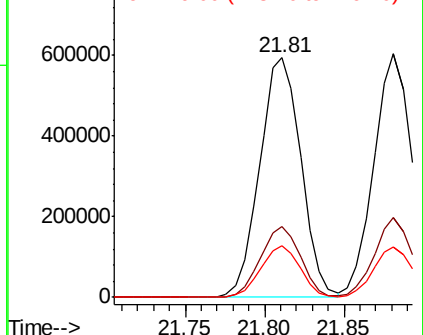
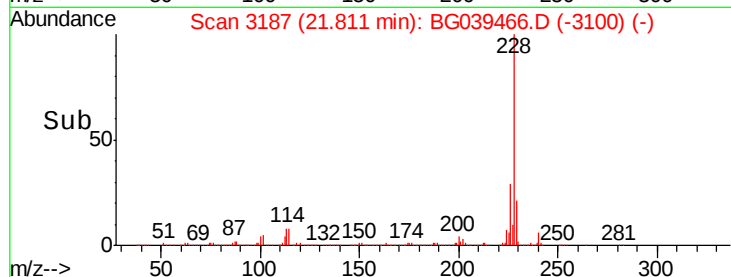


Abundance

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: 24.346 ng

RT: 21.72 min Scan# 3172

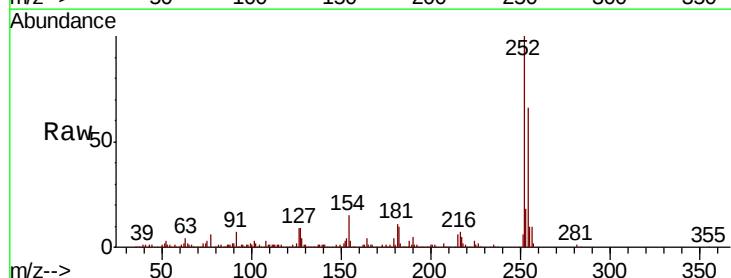
Delta R.T. -0.02 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Tgt Ion:252 Resp: 199605

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.3	76.9
126	9.4	8.0	12.0

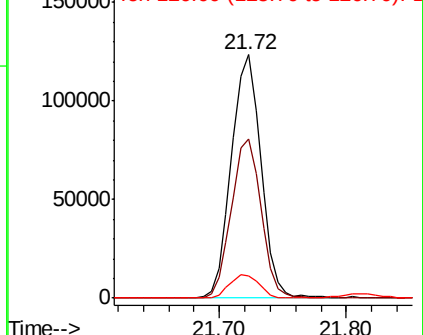
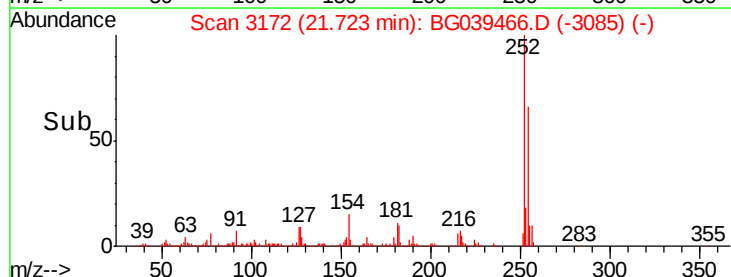


Abundance

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: 48.192 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

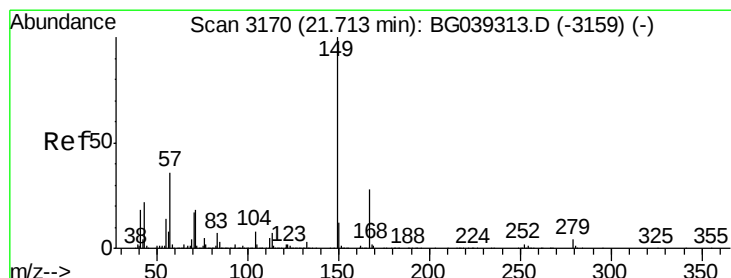
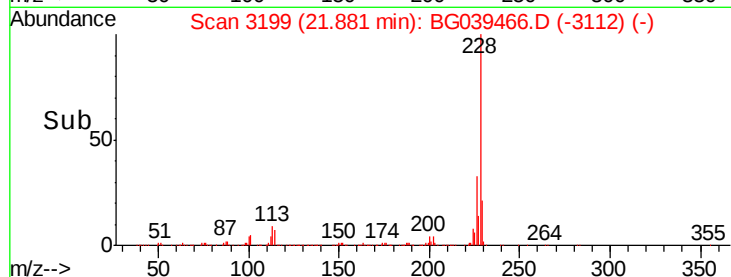
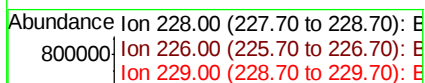
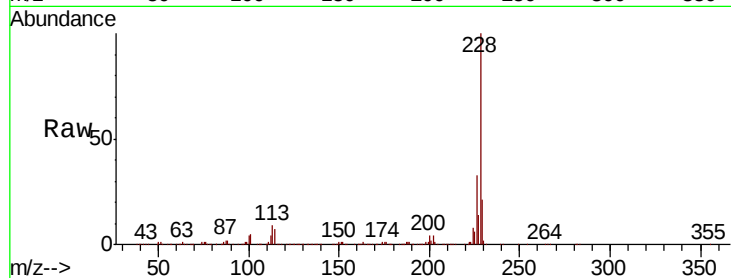
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1014342

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.8	38.6
229	20.9	16.6	25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.825 ng

RT: 21.68 min Scan# 3165

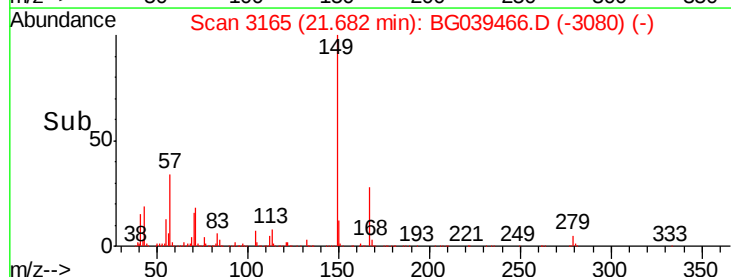
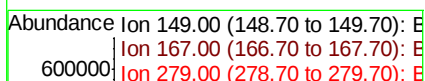
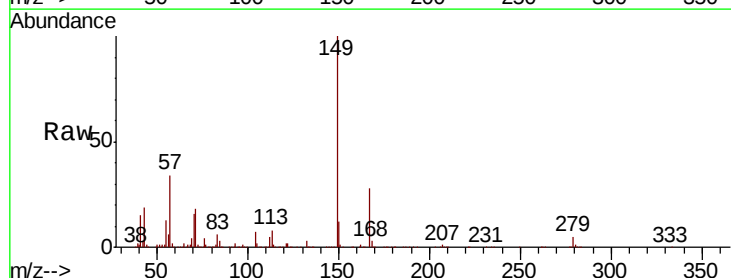
Delta R.T. -0.03 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Tgt Ion:149 Resp: 656436

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	5.1	3.5	5.3

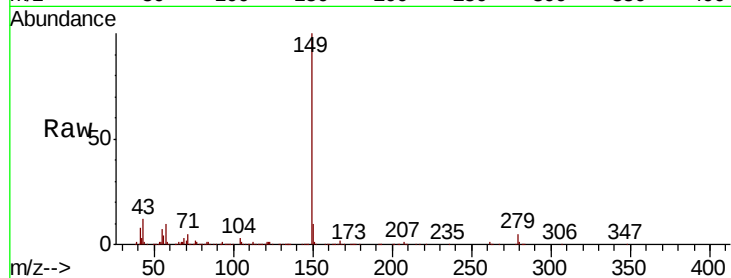




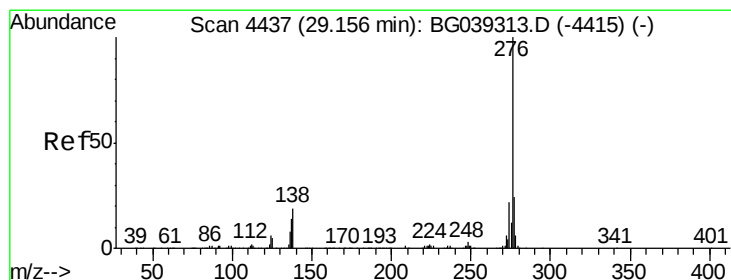
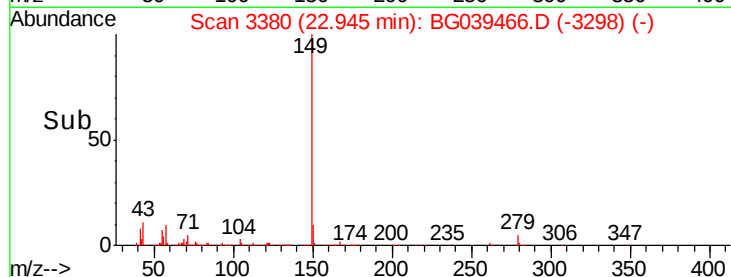
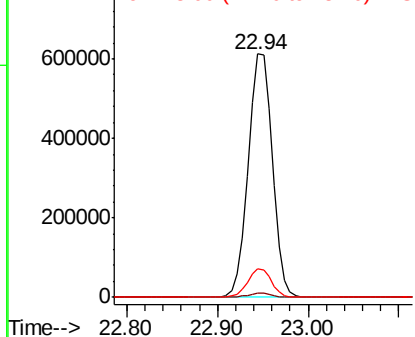
#85
Di-n-octyl phthalate
Concen: 48.726 ng
RT: 22.94 min Scan# 3380
Delta R.T. -0.05 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1128518
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.3 10.2 15.4

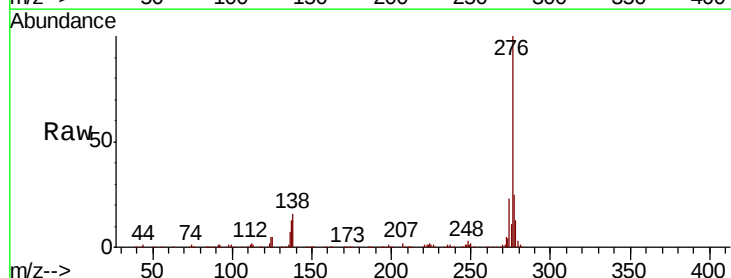


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

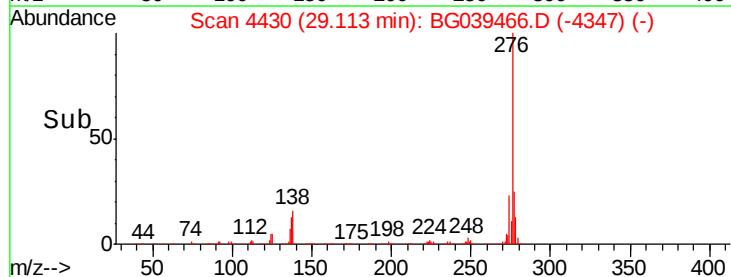
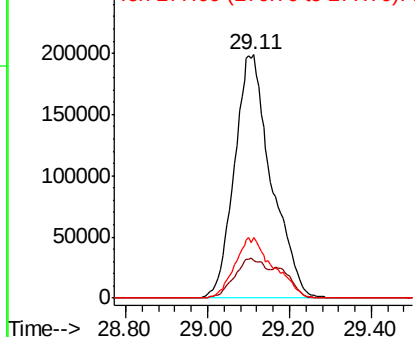


#86
Indeno(1,2,3-cd)pyrene
Concen: 55.154 ng
RT: 29.11 min Scan# 4430
Delta R.T. -0.04 min
Lab File: BG039466.D
Acq: 12 Feb 2019 16:32

Tgt Ion:276 Resp: 1245526
Ion Ratio Lower Upper
276 100
138 13.4 12.6 19.0
277 26.0 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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampleId :

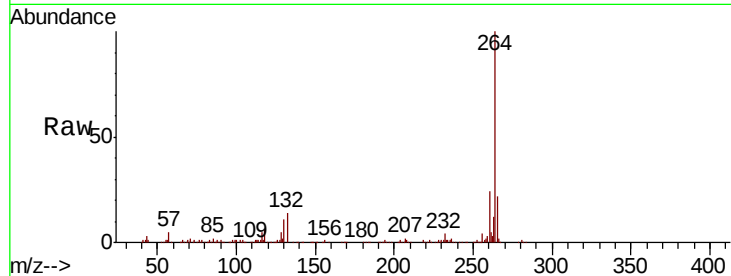
Tot Ion:264 Resp: 390124

Ion Ratio Lower Upper

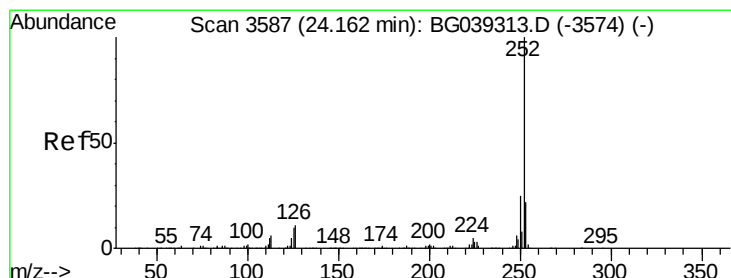
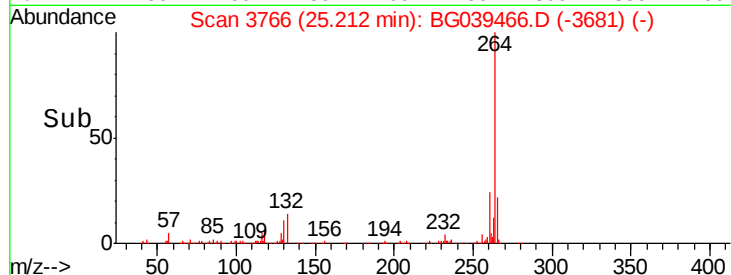
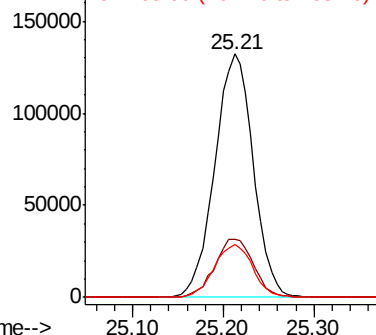
264 100

260 23.8 18.2 27.4

265 21.7 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: 50.801 ng

RT: 24.13 min Scan# 3582

Delta R.T. -0.03 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

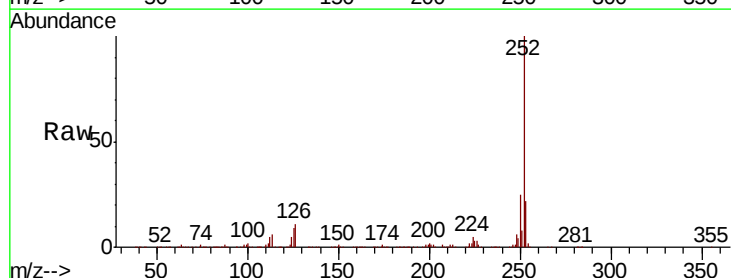
Tgt Ion:252 Resp: 1080834

Ion Ratio Lower Upper

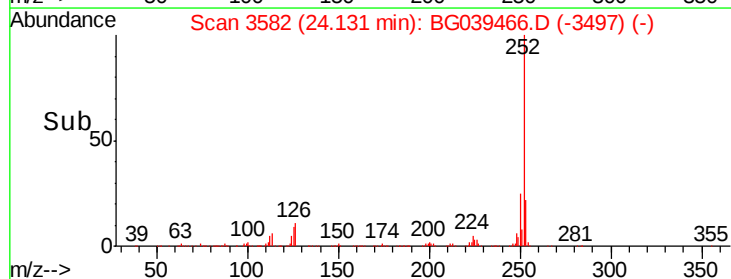
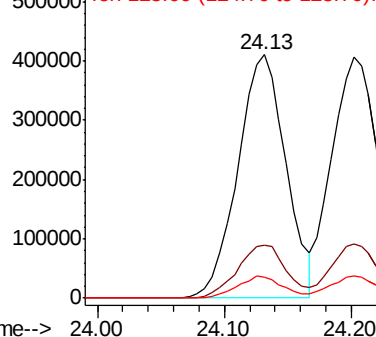
252 100

253 22.0 17.8 26.8

125 8.6 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: 48.305 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.03 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampleId :

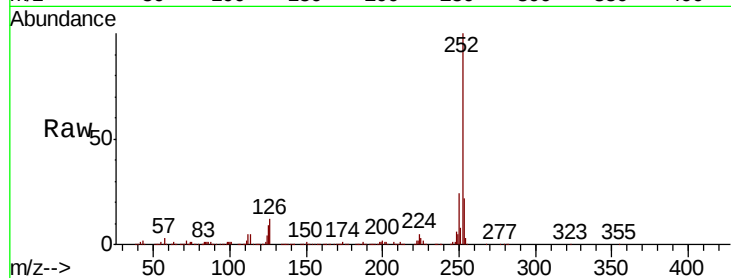
Tot Ion:252 Resp: 1031817

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

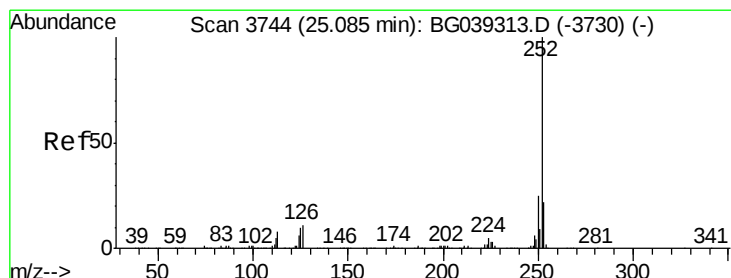
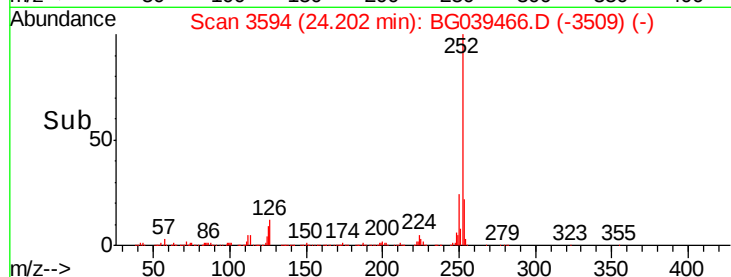
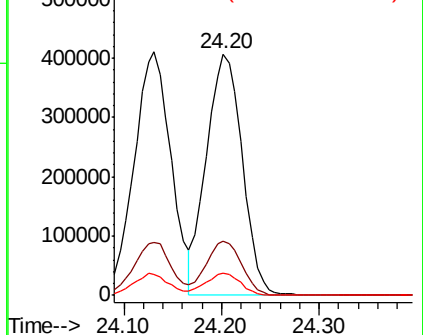
125 9.0 7.4 11.2



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: 51.265 ng

RT: 25.06 min Scan# 3740

Delta R.T. -0.03 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

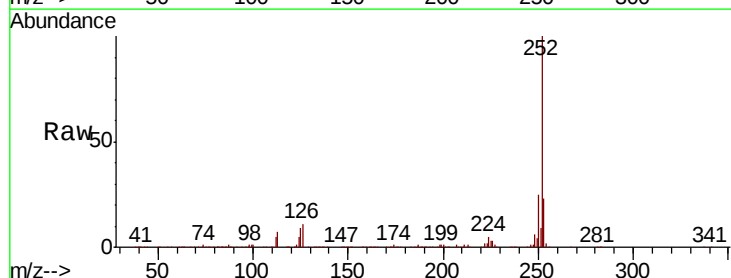
Tgt Ion:252 Resp: 1050425

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

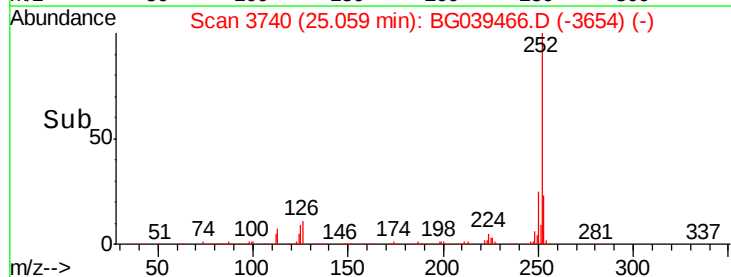
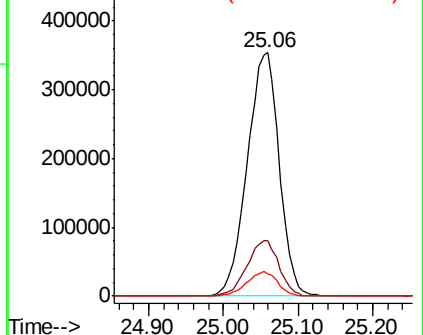
125 9.0 8.3 12.5

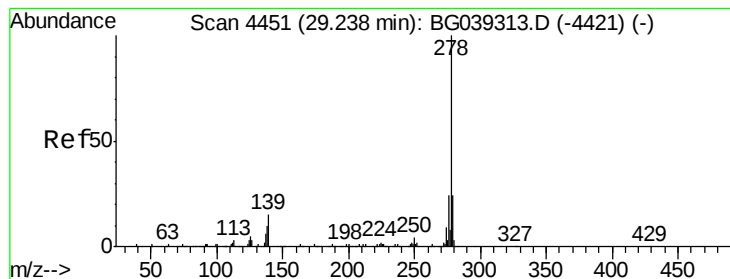


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 52.466 ng

RT: 29.18 min Scan# 4442

Delta R.T. -0.05 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

Instrument :

BNA_G

ClientSampleId :

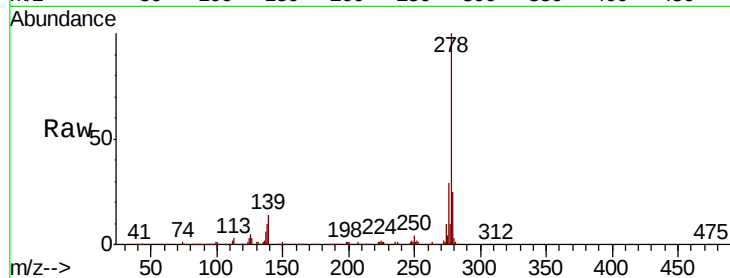
Tot Ion:278 Resp: 1006772

Ion Ratio Lower Upper

278 100

139 14.3 11.7 17.5

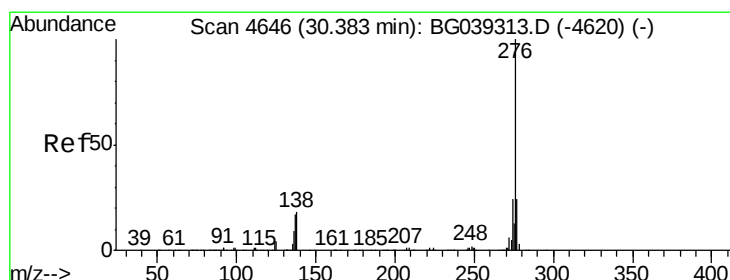
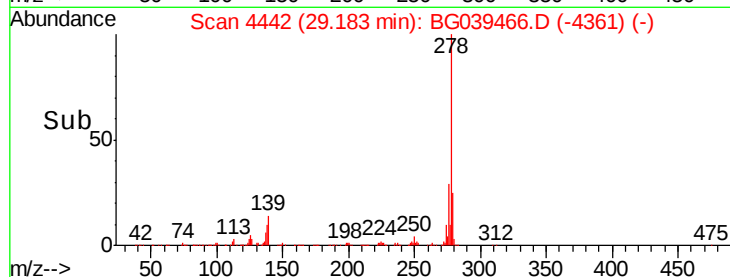
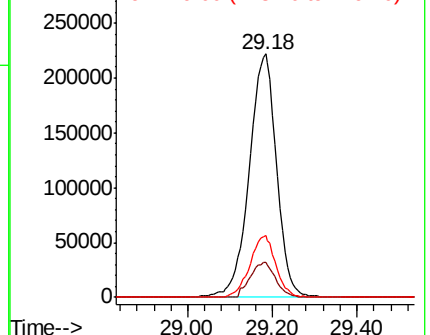
279 25.3 19.1 28.7



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: 53.479 ng

RT: 30.33 min Scan# 4638

Delta R.T. -0.05 min

Lab File: BG039466.D

Acq: 12 Feb 2019 16:32

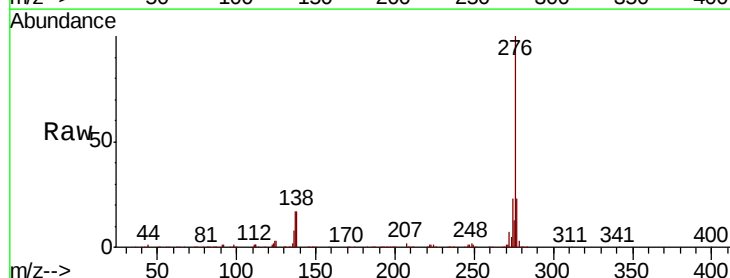
Tgt Ion:276 Resp: 1022849

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 16.7 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

