

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039091.D
 Acq On : 11 Jan 2019 18:48
 Operator : JU/SJ
 Sample : PB116292BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 00:28:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	24798	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	109485	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	74229	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	193903	20.00	ng	0.00
76) Chrysene-d12	21.70	240	188848	20.00	ng	0.00
87) Perylene-d12	24.96	264	205923	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	219772	168.12	ng	0.00
7) Phenol-d6	7.19	99	312714	166.22	ng	0.00
23) Nitrobenzene-d5	9.20	82	156660	78.30	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	154853	124.45	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	424013	78.18	ng	0.00
79) Terphenyl-d14	20.02	244	801623	78.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	20411	39.872	ng	97
3) Pyridine	3.86	79	56481	40.605	ng	90
4) n-Nitrosodimethylamine	3.78	42	27069	43.246	ng	88
6) Aniline	7.35	93	67856	30.033	ng	99
8) 2-Chlorophenol	7.59	128	71810	46.601	ng	96
9) Benzaldehyde	7.17	77	22241	20.500	ng	97
10) Phenol	7.21	94	96198	51.003	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	58839	40.816	ng	98
12) 1,3-Dichlorobenzene	7.91	146	70060	37.947	ng	97
13) 1,4-Dichlorobenzene	8.06	146	76559	40.944	ng	98
14) 1,2-Dichlorobenzene	8.38	146	71181	39.926	ng	99
15) Benzyl Alcohol	8.27	79	64293	45.381	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	108839	39.374	ng	99
17) 2-Methylphenol	8.47	107	63057	48.147	ng	99
18) Hexachloroethane	9.10	117	25569	40.251	ng	92
19) n-Nitroso-di-n-propylamine	8.83	70	50470	40.854	ng	92
20) 3+4-Methylphenols	8.80	107	87676	46.954	ng	98
22) Acetophenone	8.86	105	104277	36.471	ng	# 94
24) Nitrobenzene	9.25	77	76740	37.945	ng	99
25) Isophorone	9.76	82	145374	42.180	ng	98
26) 2-Nitrophenol	9.96	139	42759	39.089	ng	99
27) 2,4-Dimethylphenol	10.00	122	76843	49.931	ng	96
28) bis(2-Chloroethoxy)methane	10.24	93	90727	43.800	ng	99
29) 2,4-Dichlorophenol	10.49	162	79811	41.744	ng	94
30) 1,2,4-Trichlorobenzene	10.70	180	83463	36.332	ng	95
31) Naphthalene	10.89	128	222772	40.569	ng	99
32) Benzoic acid	10.16	122	22587	28.614	ng	91
33) 4-Chloroaniline	11.01	127	53862	21.921	ng	99
34) Hexachlorobutadiene	11.15	225	51778	32.757	ng	98
35) Caprolactam	11.80	113	27160	35.426	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	90125	44.073	ng	89
37) 2-Methylnaphthalene	12.50	142	164634	39.989	ng	97
38) 1-Methylnaphthalene	12.71	142	158973	40.230	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	101650	36.463	ng	99

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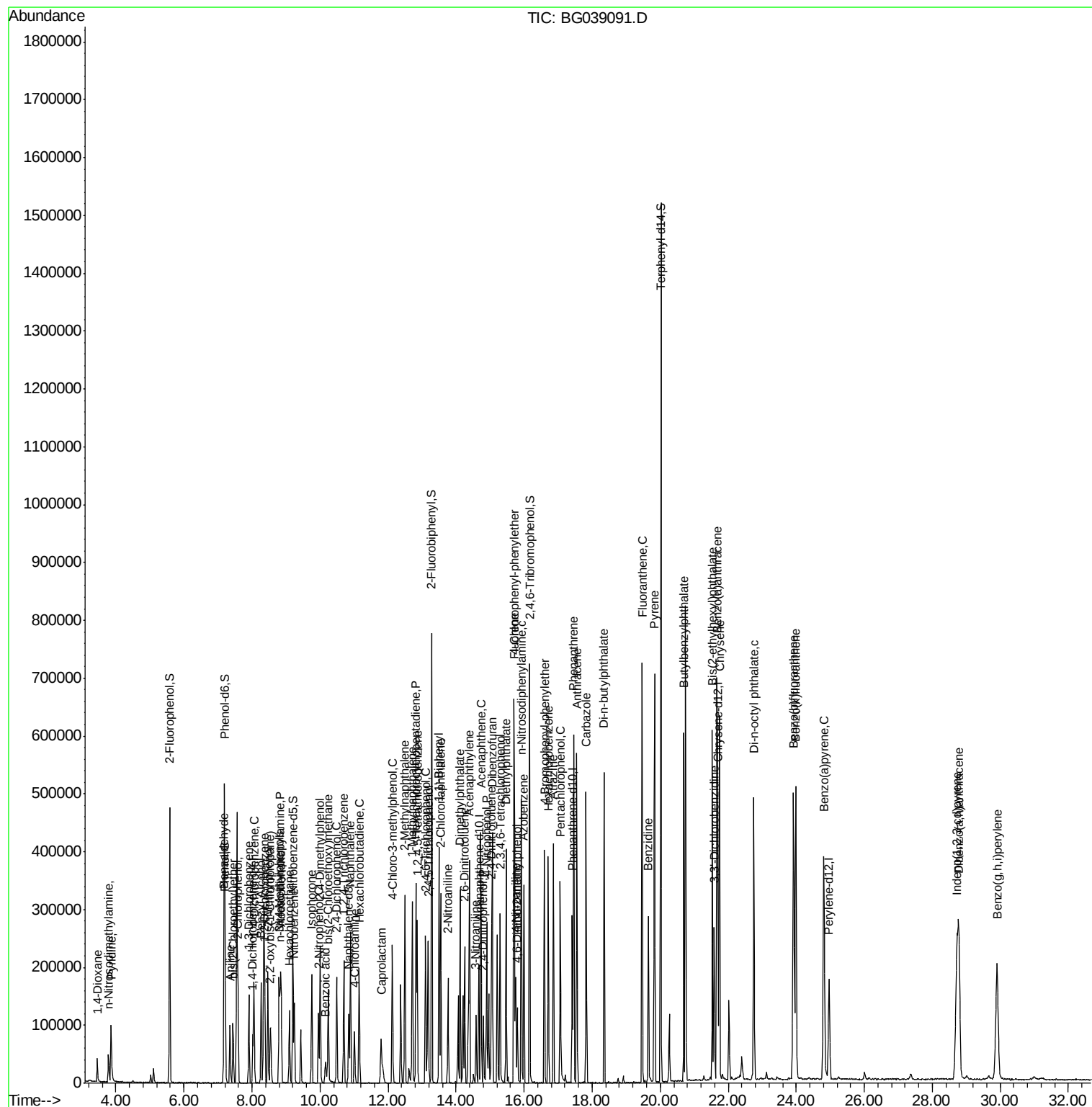
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	113668	72.942	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	72270	41.190	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	79032	42.619	ng	98
46) 1,1'-Biphenyl	13.50	154	226464	38.503	ng	96
47) 2-Chloronaphthalene	13.55	162	180990	38.026	ng	99
48) 2-Nitroaniline	13.76	65	53498	40.120	ng	96
49) Acenaphthylene	14.39	152	300226	41.966	ng	98
50) Dimethylphthalate	14.12	163	239888	38.243	ng	99
51) 2,6-Dinitrotoluene	14.25	165	55960	39.903	ng	94
52) Acenaphthene	14.73	154	164496	38.270	ng	94
53) 3-Nitroaniline	14.59	138	34596	24.318	ng	97
54) 2,4-Dinitrophenol	14.80	184	37514	47.116	ng	97
55) Dibenzofuran	15.06	168	301772	39.752	ng	97
56) 4-Nitrophenol	14.90	139	83679	81.747	ng	88
57) 2,4-Dinitrotoluene	15.04	165	79244	39.386	ng	97
58) Fluorene	15.71	166	236835	41.447	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	71909	41.080	ng	99
60) Diethylphthalate	15.47	149	247893	38.357	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	133187	36.997	ng	98
62) 4-Nitroaniline	15.76	138	57466	38.775	ng	90
63) Azobenzene	15.99	77	192731	38.134	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	39995	27.841	ng	97
66) n-Nitrosodiphenylamine	15.92	169	214009	37.230	ng	96
67) 4-Bromophenyl-phenylether	16.60	248	87842	35.242	ng	96
68) Hexachlorobenzene	16.71	284	93562	34.400	ng	98
69) Atrazine	16.86	200	88375	36.190	ng	99
70) Pentachlorophenol	17.07	266	86199	53.376	ng	96
71) Phenanthrene	17.46	178	401967	39.220	ng	100
72) Anthracene	17.55	178	398838	39.358	ng	99
73) Carbazole	17.82	167	359608	35.947	ng	99
74) Di-n-butylphthalate	18.35	149	404939	36.386	ng	99
75) Fluoranthene	19.47	202	485091	38.179	ng	98
77) Benzidine	19.65	184	190010	32.896	ng	99
78) Pyrene	19.83	202	496458	41.251	ng	99
80) Butylbenzylphthalate	20.70	149	186695	40.786	ng	99
81) Benzo(a)anthracene	21.67	228	478012	41.580	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	112827	24.088	ng	97
83) Chrysene	21.74	228	445213	40.719	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	261384	41.126	ng	96
85) Di-n-octyl phthalate	22.75	149	459269	42.735	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	532509	40.759	ng	99
88) Benzo(b)fluoranthene	23.92	252	529861	46.665	ng	# 99
89) Benzo(k)fluoranthene	23.99	252	517354	46.083	ng	# 98
90) Benzo(a)pyrene	24.81	252	467374	42.585	ng	97
91) Dibenzo(a,h)anthracene	28.78	278	442119	40.500	ng	96
92) Benzo(g,h,i)perylene	29.90	276	447535	41.411	ng	# 98

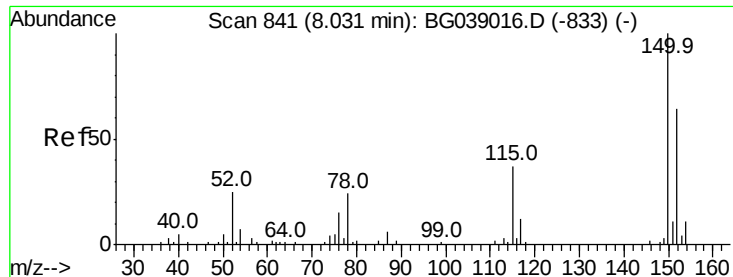
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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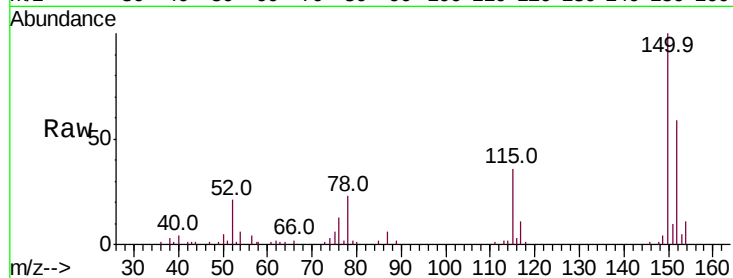


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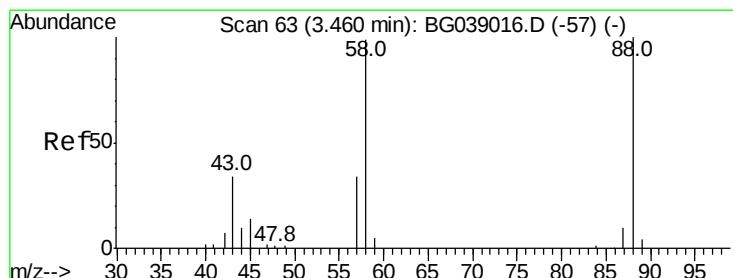
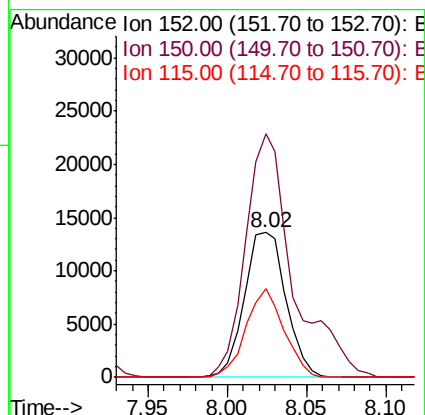
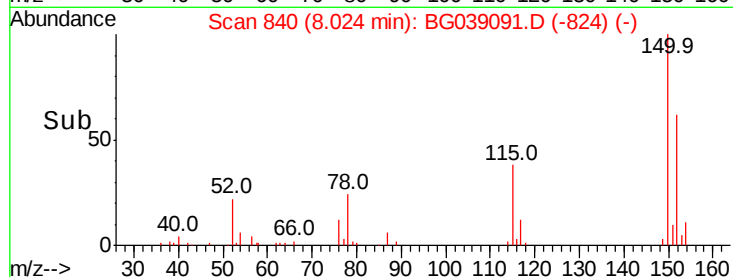
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 24798
Ion Ratio Lower Upper
152 100
150 168.4 124.7 187.1
115 61.2 46.5 69.7



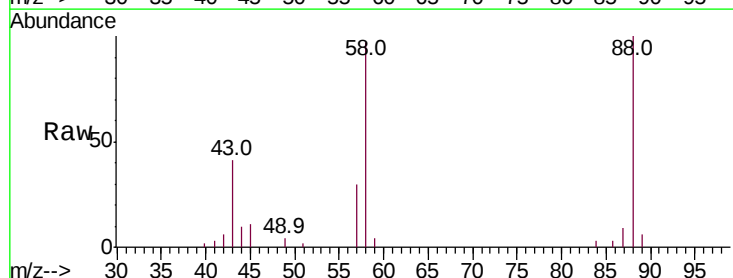
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



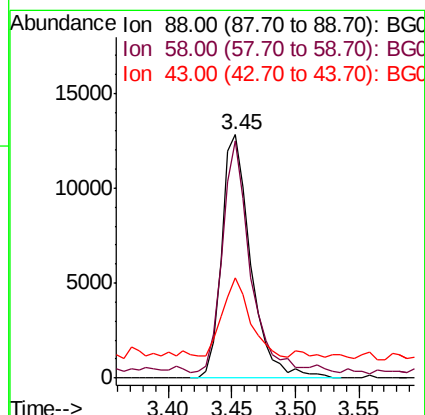
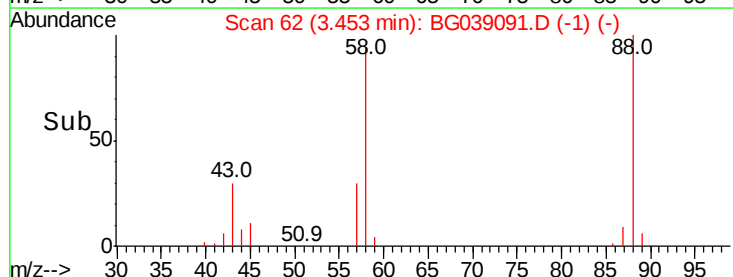
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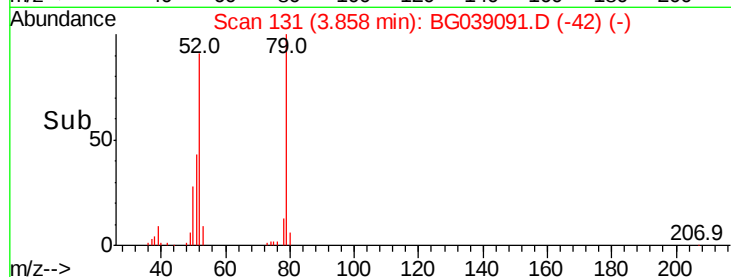
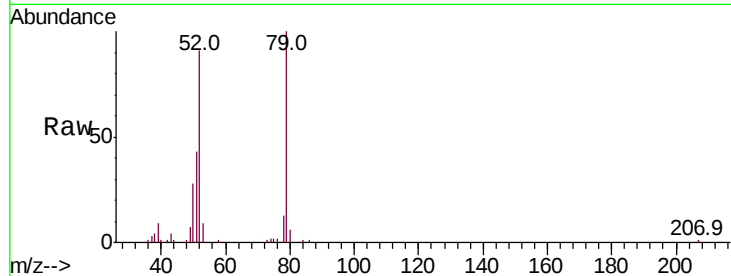
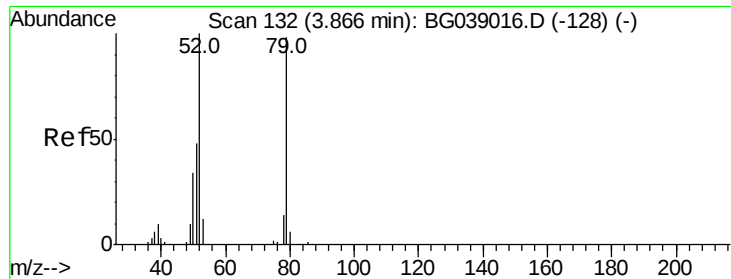
1,4-Dioxane
Concen: 39.872 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion: 88 Resp: 20411
Ion Ratio Lower Upper
88 100
58 91.2 72.4 108.6
43 30.4 27.6 41.4



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: 40.605 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Instrument :

BNA_G

ClientSampleId :

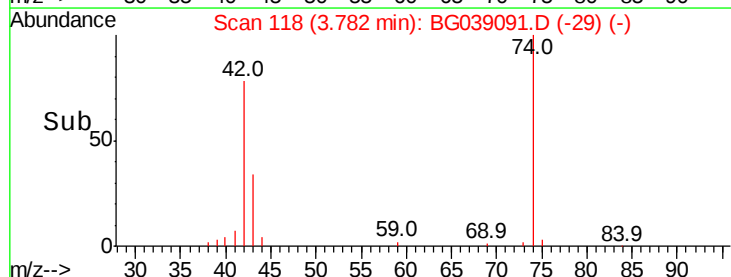
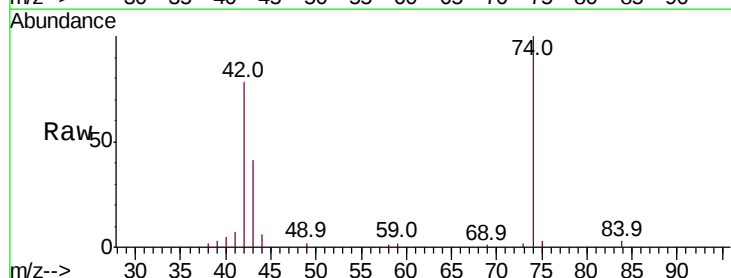
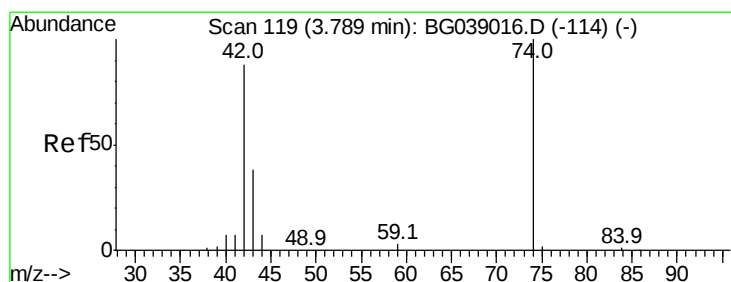
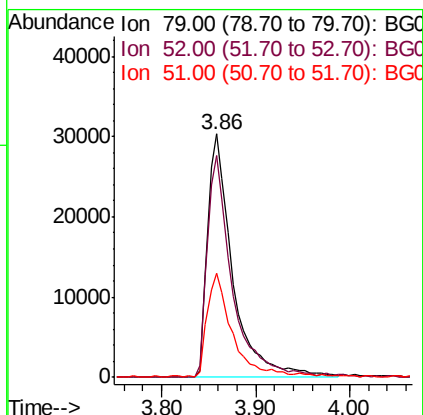
Tot Ion: 79 Resp: 56481

Ion Ratio Lower Upper

79 100

52 91.2 81.5 122.3

51 42.9 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 43.246 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

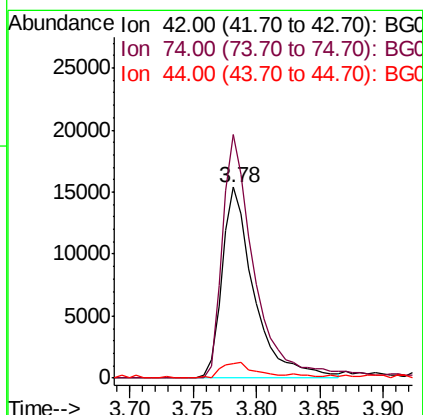
Tgt Ion: 42 Resp: 27069

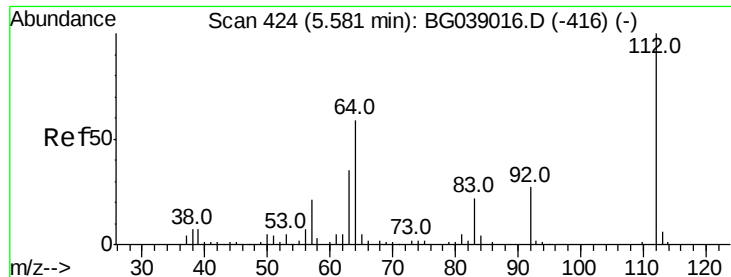
Ion Ratio Lower Upper

42 100

74 127.4 90.7 136.1

44 7.3 6.5 9.7





#5

2-Fluorophenol

Concen: 168.120 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Instrument :

BNA_G

ClientSampled :

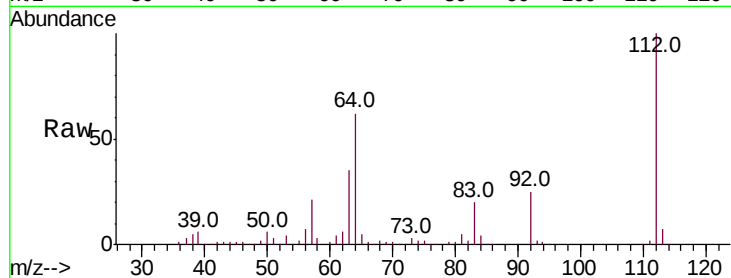
Tot Ion:112 Resp: 219772

Ion Ratio Lower Upper

112 100

64 61.7 47.0 70.6

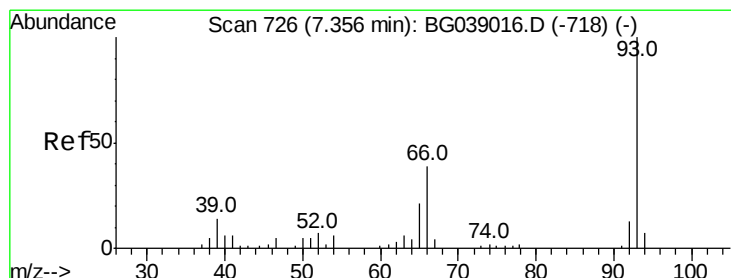
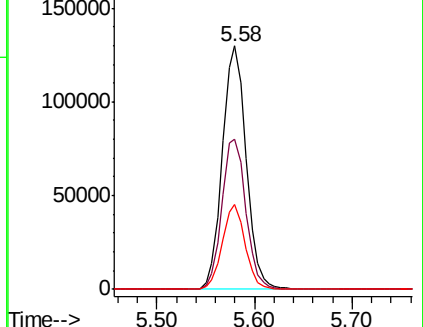
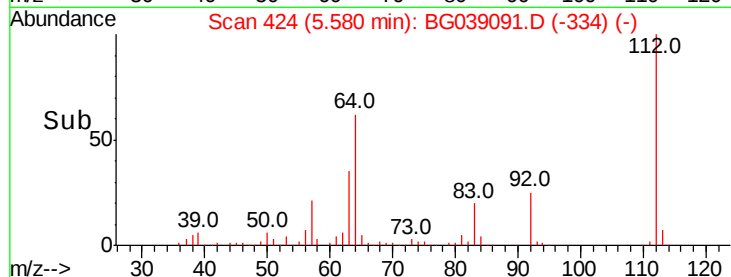
63 34.7 28.0 42.0



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: 30.033 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

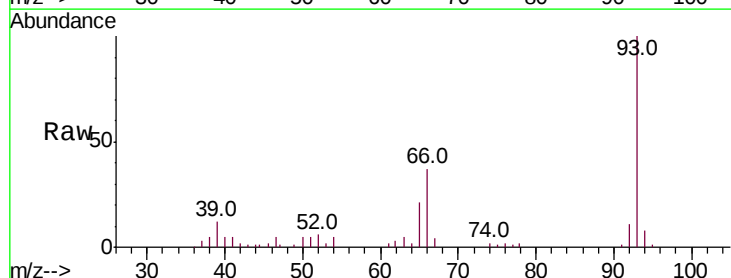
Tgt Ion: 93 Resp: 67856

Ion Ratio Lower Upper

93 100

66 37.4 30.9 46.3

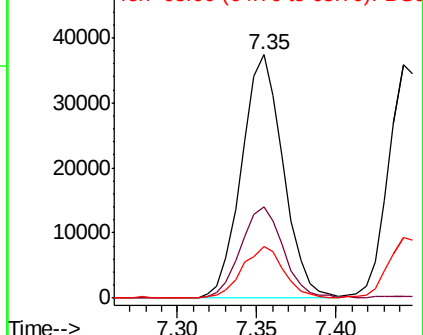
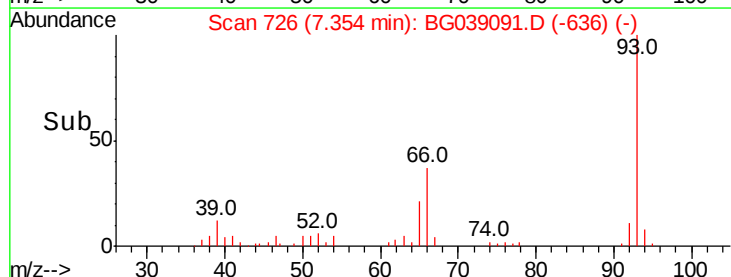
65 21.3 17.0 25.4

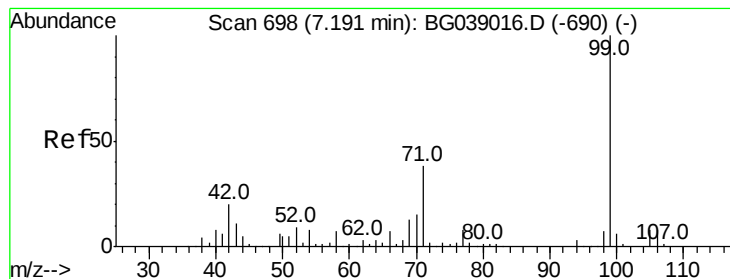


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 166.224 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

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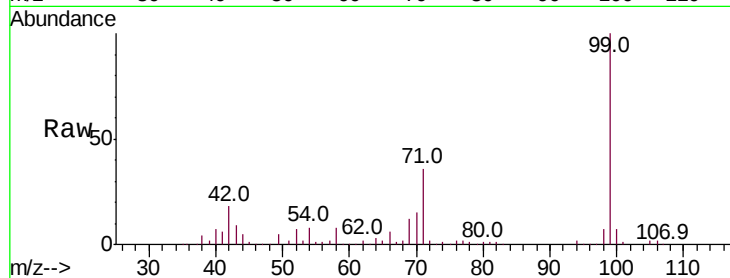
Tot Ion: 99 Resp: 312714

Ion Ratio Lower Upper

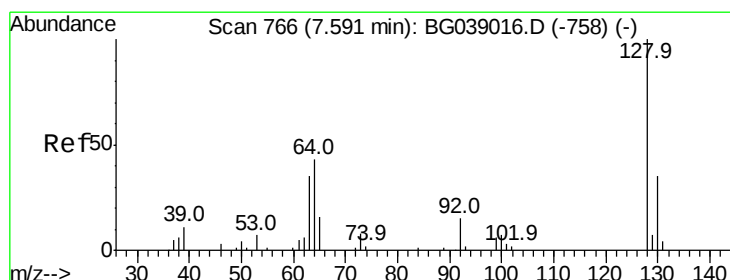
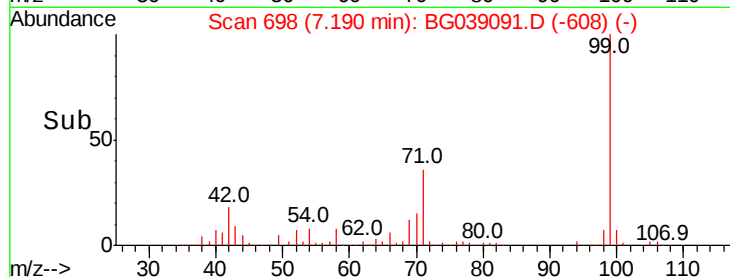
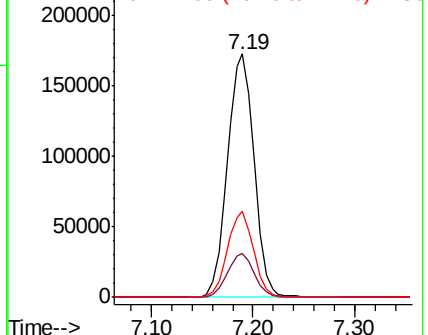
99 100

42 18.0 15.8 23.6

71 35.5 30.2 45.4



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



#8

2-Chlorophenol

Concen: 46.601 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

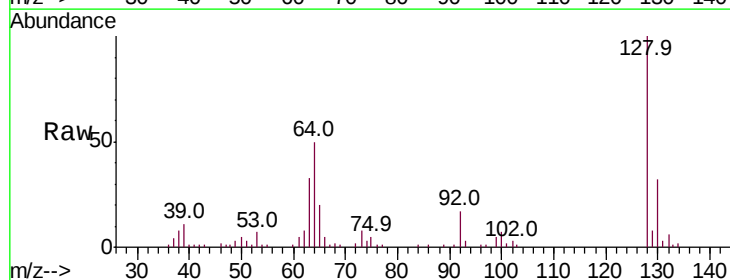
Tgt Ion:128 Resp: 71810

Ion Ratio Lower Upper

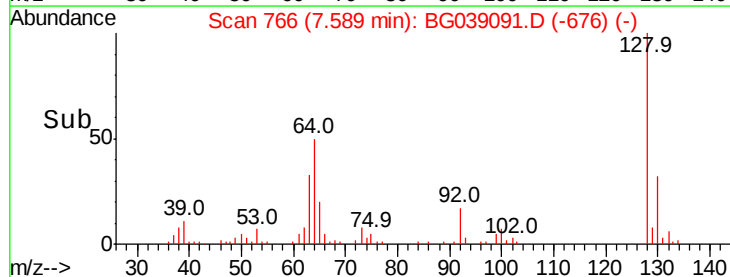
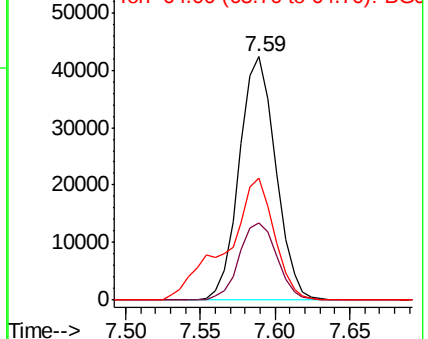
128 100

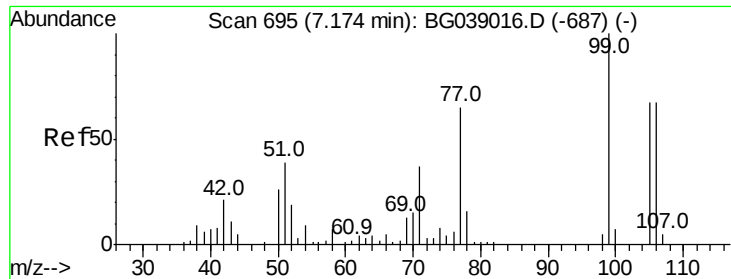
130 31.8 14.5 54.5

64 50.0 27.3 67.3



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: 20.500 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

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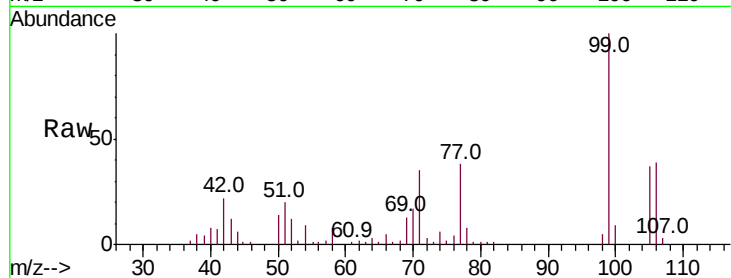
Tot Ion: 77 Resp: 22241

Ion Ratio Lower Upper

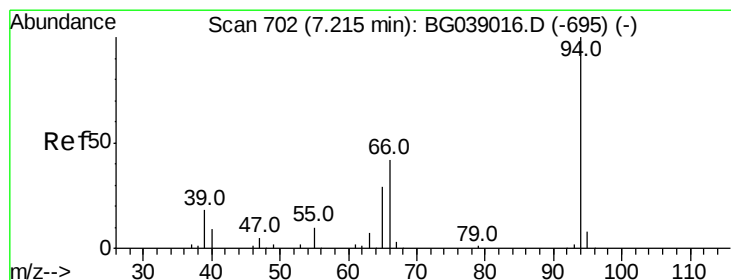
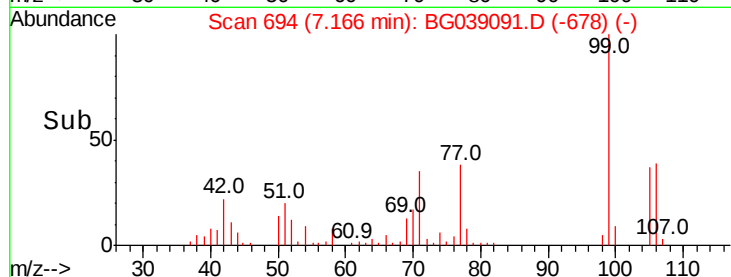
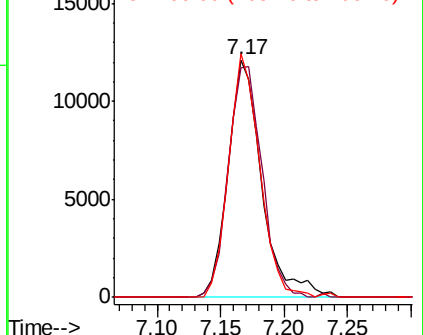
77 100

105 96.6 82.4 122.4

106 102.4 82.8 122.8



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: 51.003 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

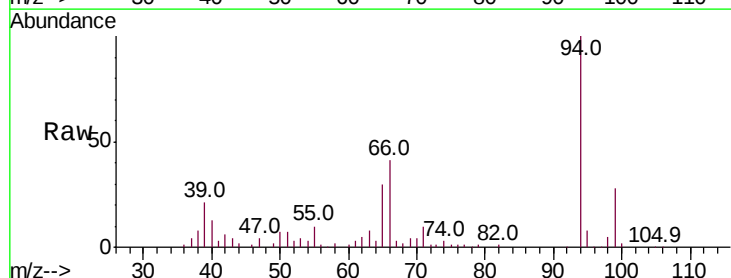
Tgt Ion: 94 Resp: 96198

Ion Ratio Lower Upper

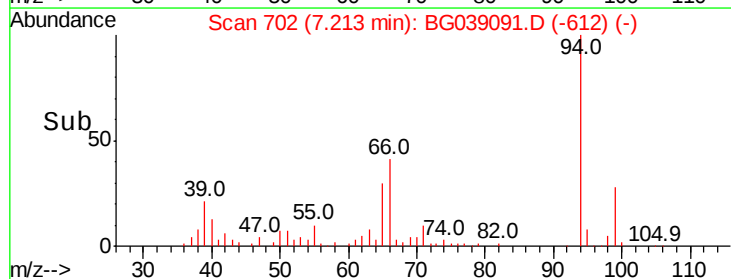
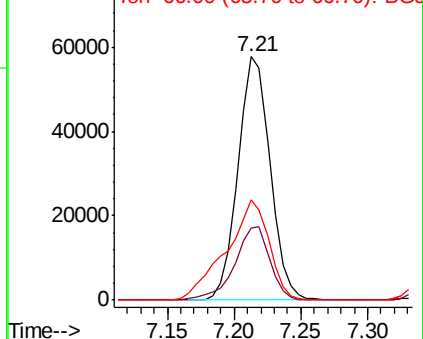
94 100

65 29.6 10.3 50.3

66 41.0 25.1 65.1



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

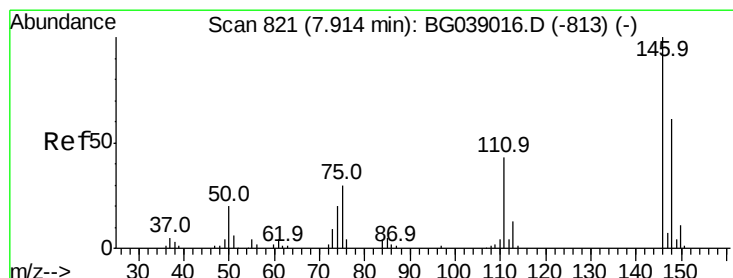
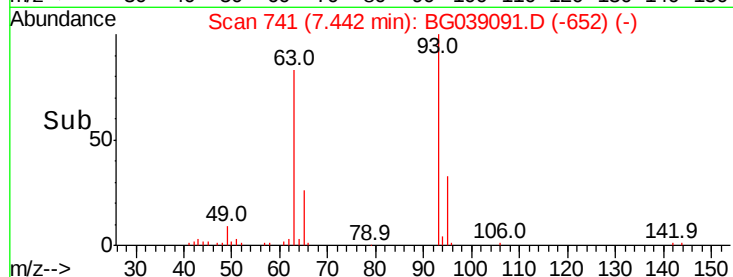
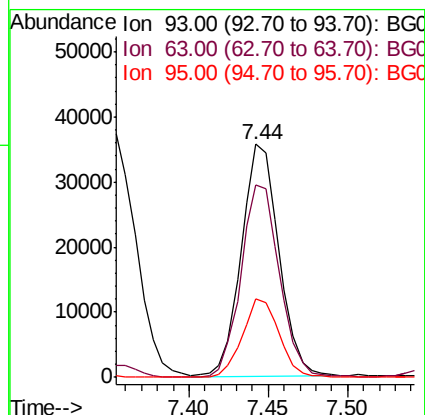
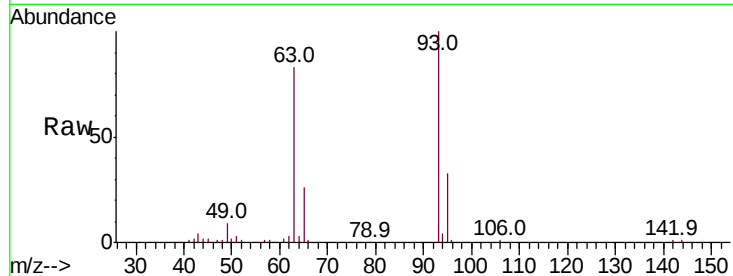




#11
bis(2-Chloroethyl)ether
Concen: 40.816 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

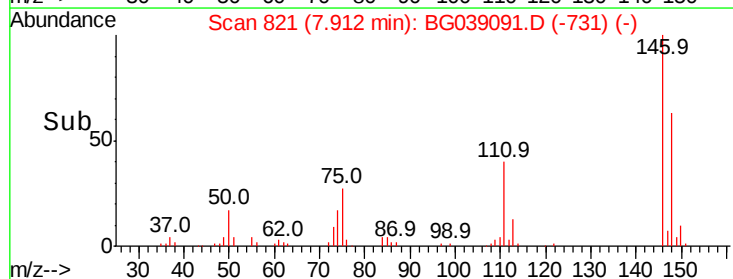
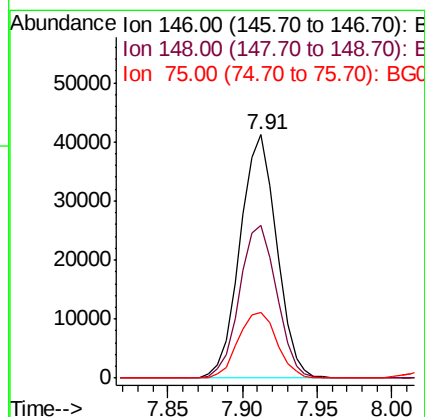
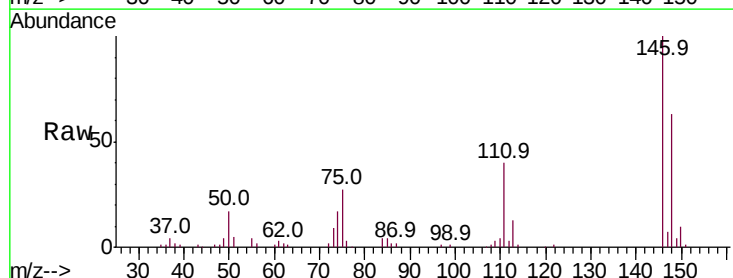
Instrument :
BNA_G
ClientSampleId :

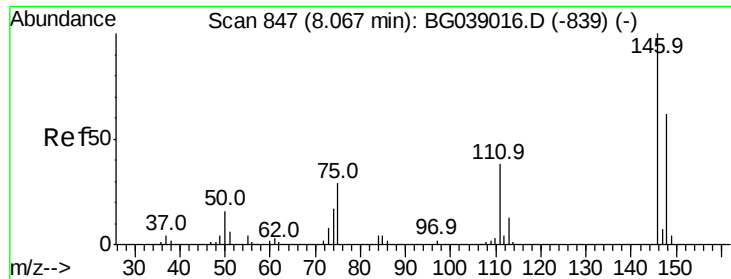
Tot Ion: 93 Resp: 58839
Ion Ratio Lower Upper
93 100
63 82.6 63.2 103.2
95 33.5 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 37.947 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion: 146 Resp: 70060
Ion Ratio Lower Upper
146 100
148 62.9 49.1 73.7
75 26.8 23.9 35.9

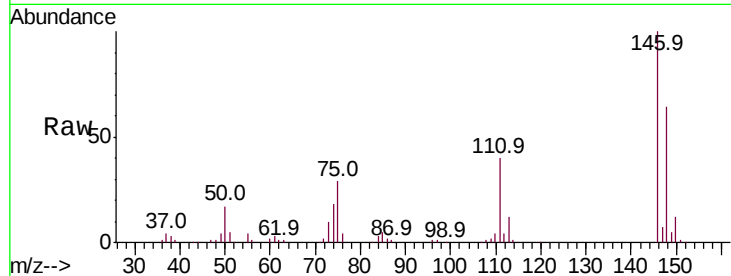




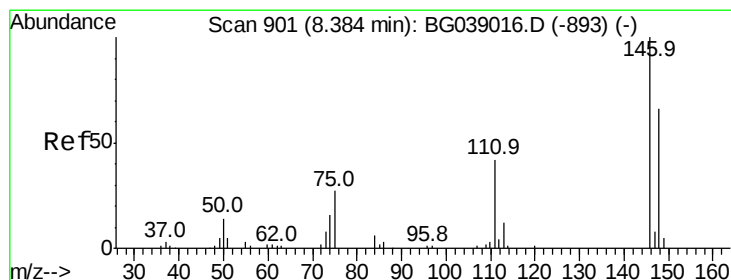
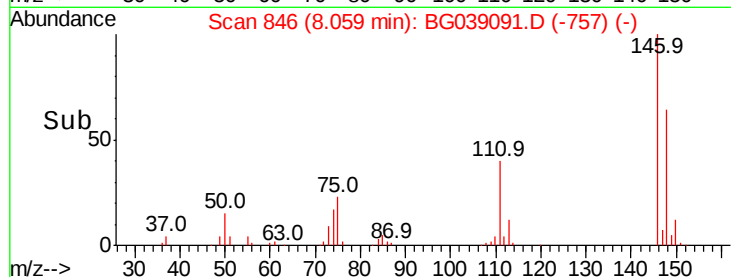
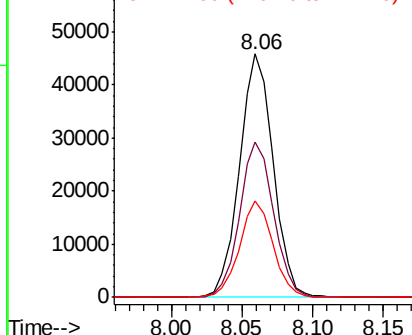
#13
 1,4-Dichlorobenzene
 Concen: 40.944 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 76559
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.8 74.6
 111 39.6 30.6 45.8

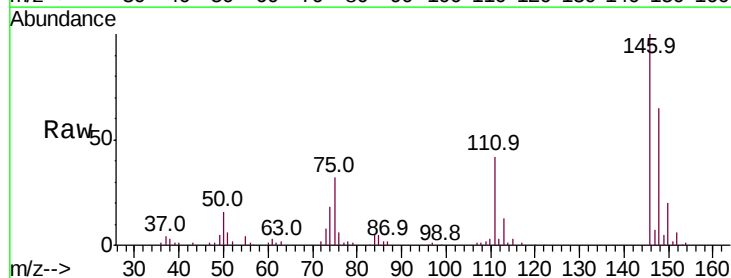


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

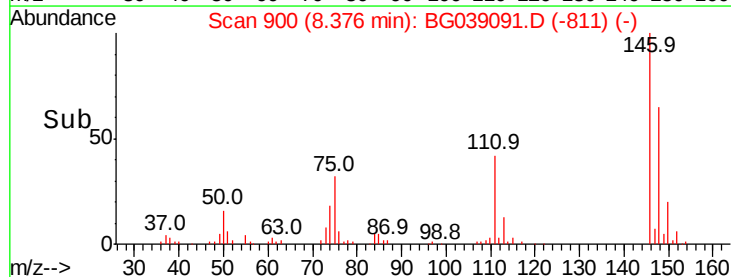
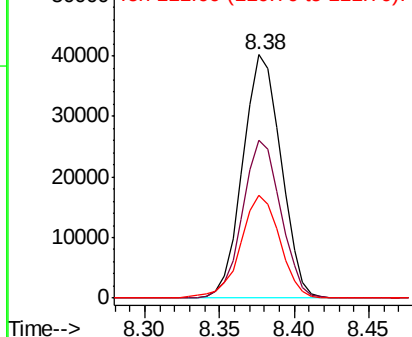


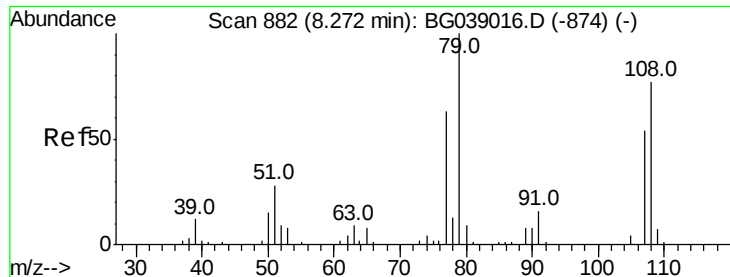
#14
 1,2-Dichlorobenzene
 Concen: 39.926 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Tgt Ion:146 Resp: 71181
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.6 79.0
 111 42.2 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 45.381 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Instrument :

BNA_G

ClientSampleId :

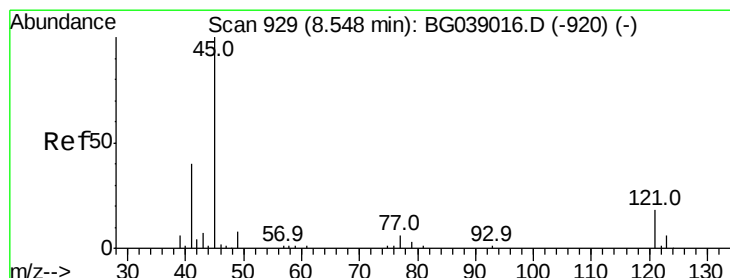
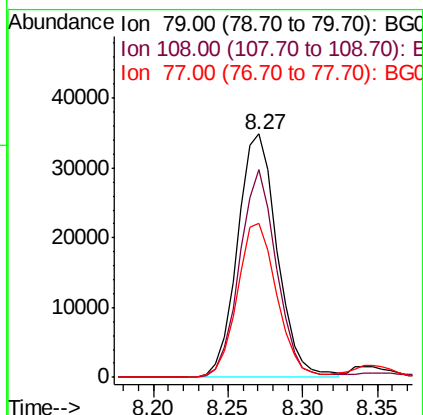
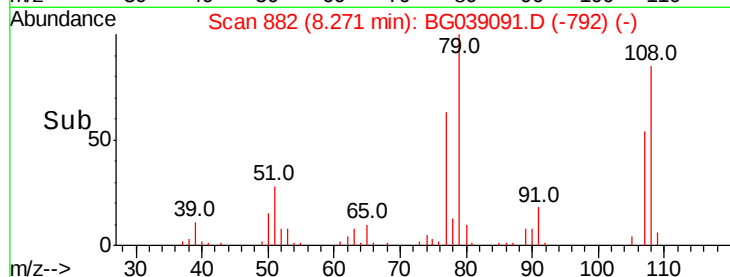
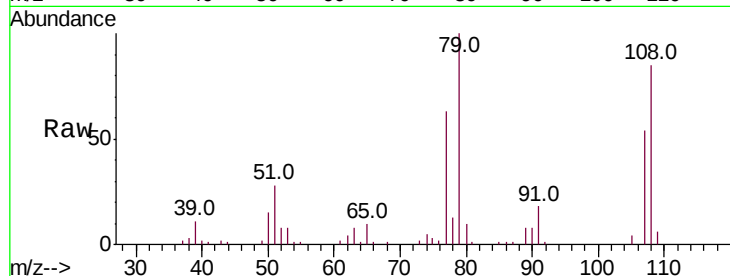
Tot Ion: 79 Resp: 64293

Ion Ratio Lower Upper

79 100

108 85.1 62.0 93.0

77 63.1 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.374 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

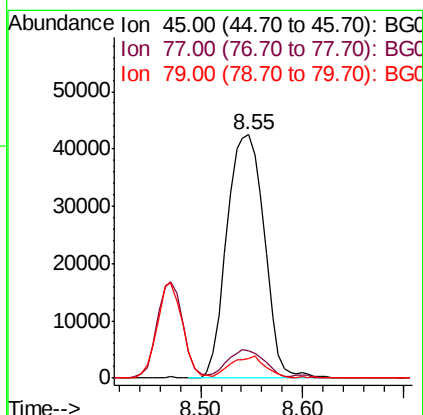
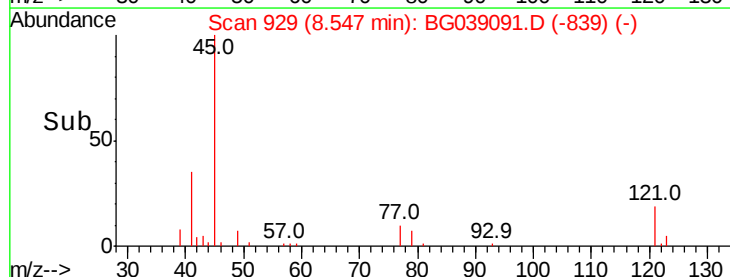
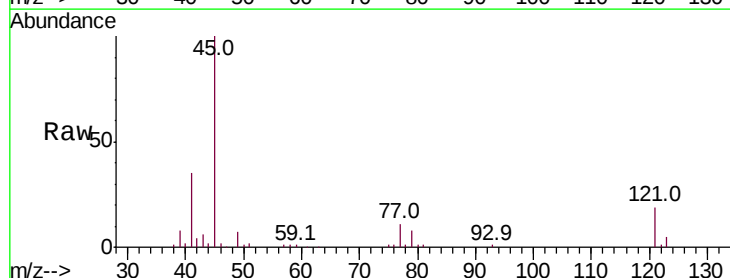
Tgt Ion: 45 Resp: 108839

Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.7

79 8.3 0.0 28.5

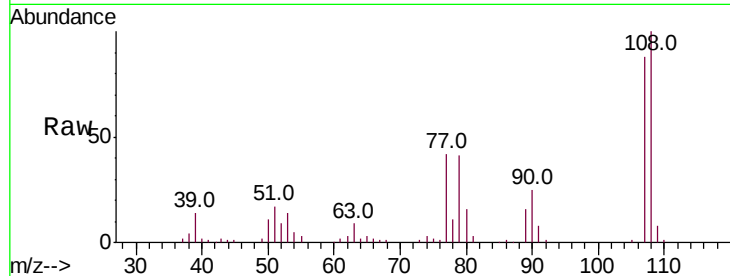




#17
2-Methylphenol
Concen: 48.147 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.3	135.5
77	47.1	38.3	57.5
79	46.9	35.8	53.6



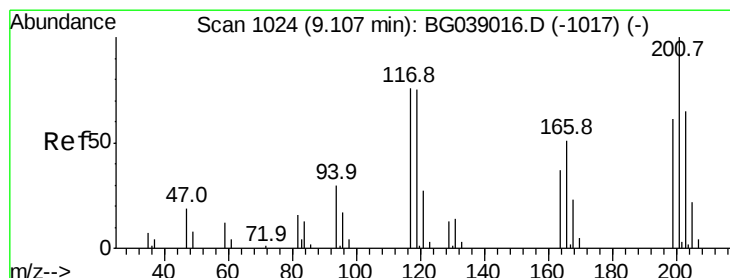
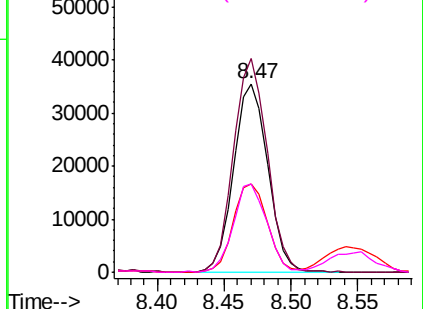
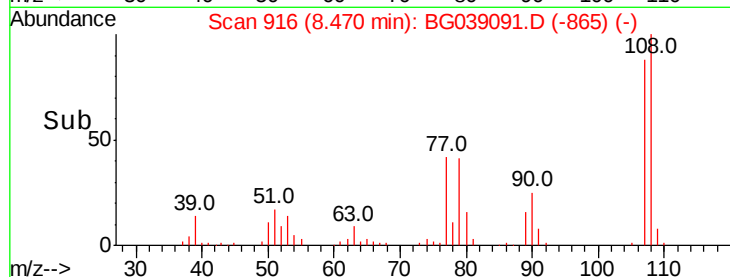
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

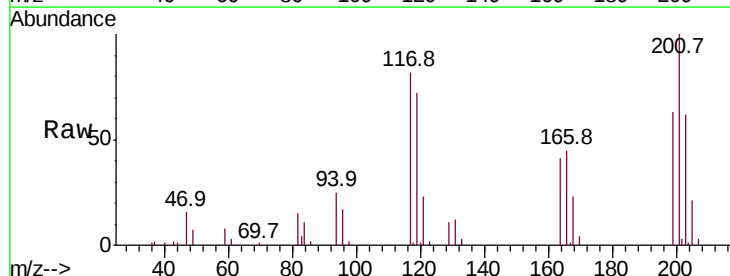
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.251 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.5	78.7	118.1
201	126.5	108.1	162.1

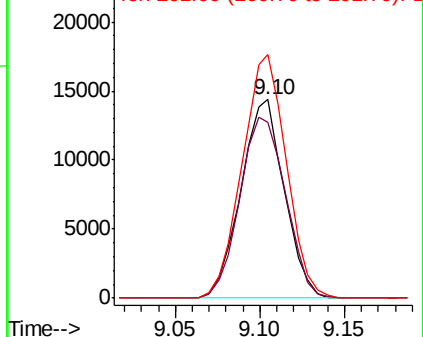
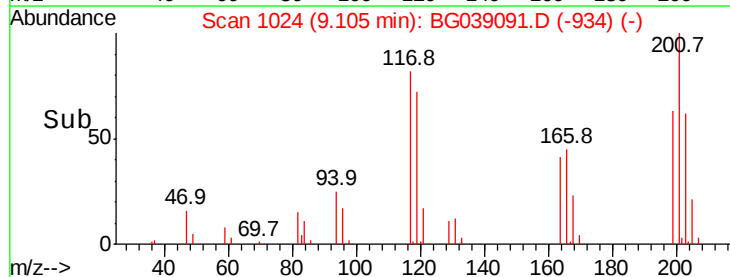


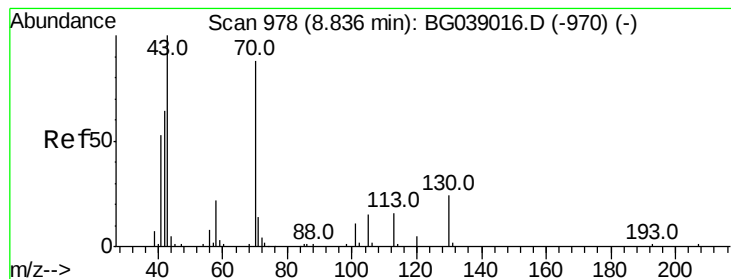
Abundance

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: 40.854 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 50470

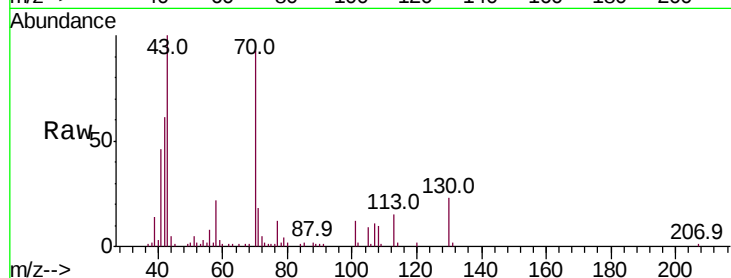
Ion Ratio Lower Upper

70 100

42 65.0 59.0 88.4

101 12.5 10.4 15.6

130 25.0 21.6 32.4

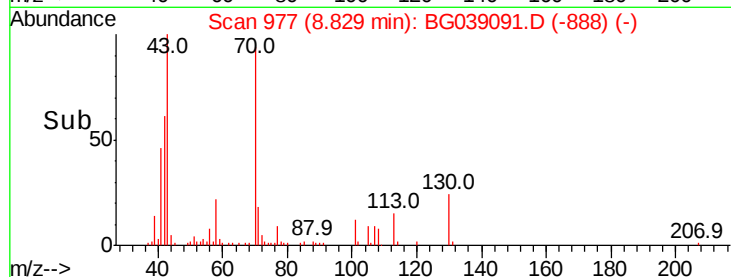
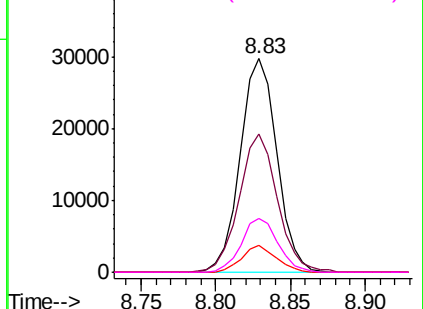


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 46.954 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Tgt Ion: 107 Resp: 87676

Ion Ratio Lower Upper

107 100

108 86.4 68.4 108.4

77 32.8 13.3 53.3

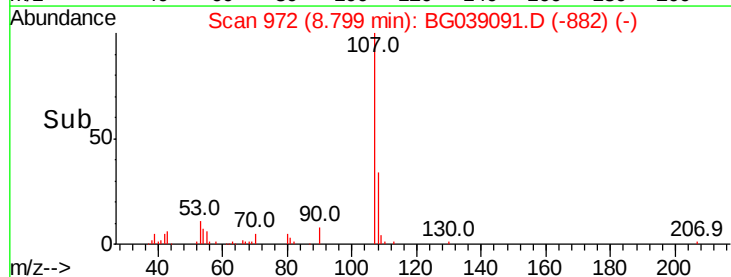
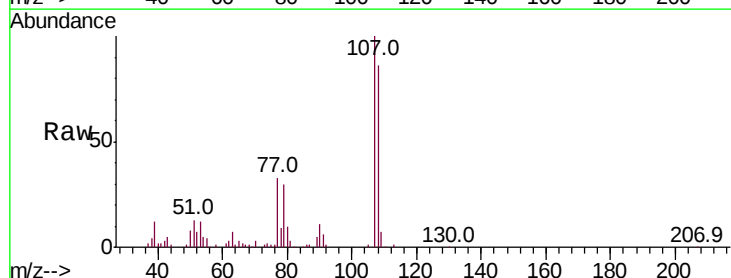
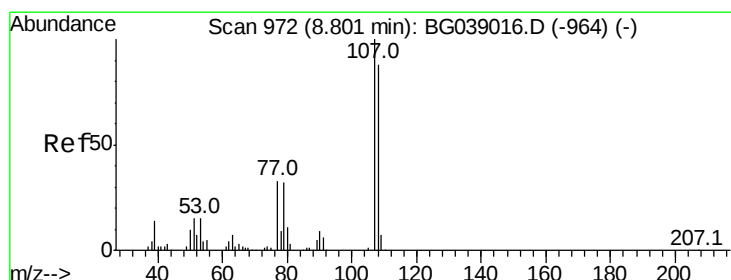
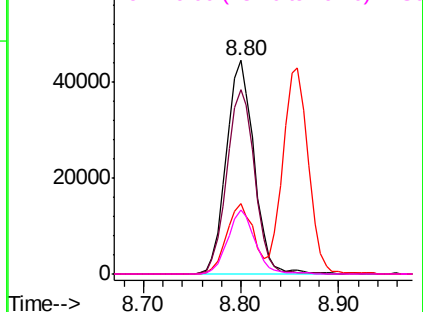
79 29.7 11.6 51.6

Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

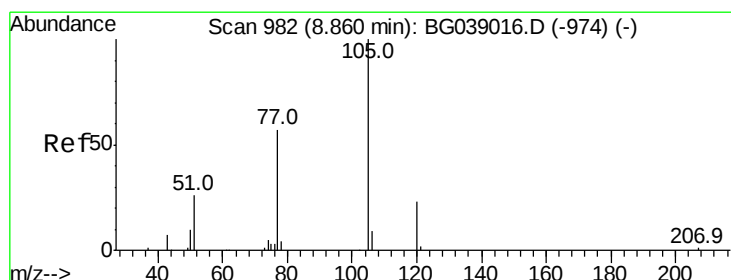
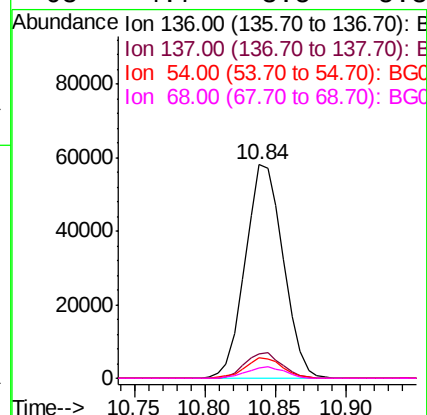
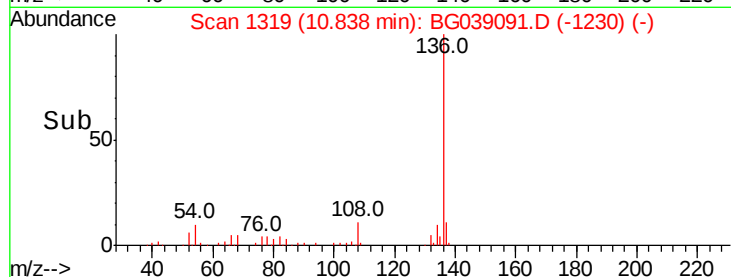
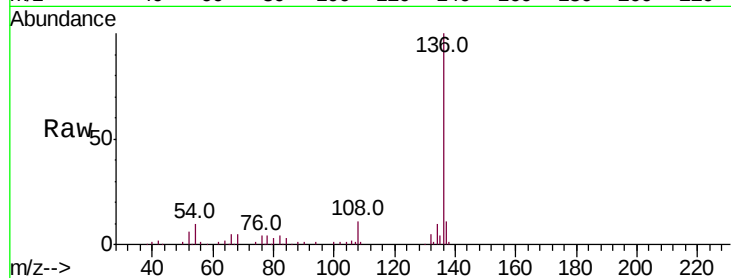




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

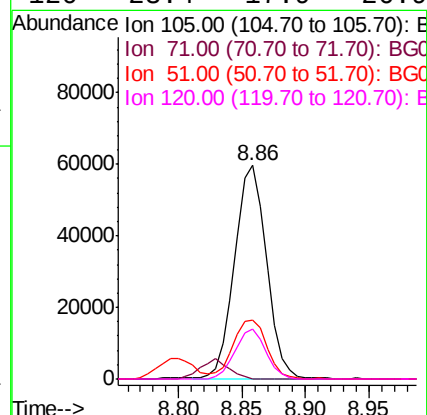
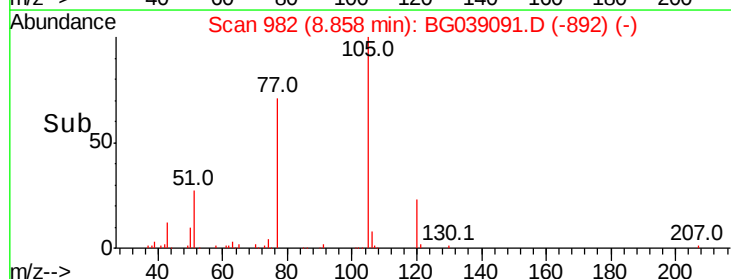
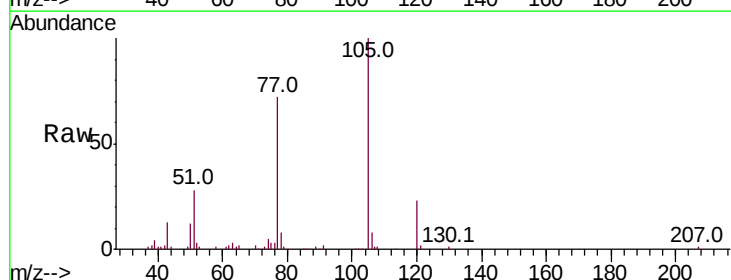
Instrument :
BNA_G
ClientSampleId :

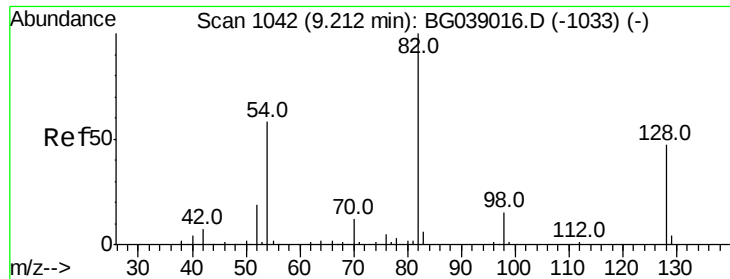
Tot Ion:136	Resp:	109485
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.4 14.2
54	9.8	7.2 10.8
68	4.7	3.5 5.3



#22
Acetophenone
Concen: 36.471 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion:105	Resp:	104277
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	27.8	26.6 39.8
120	23.4	17.9 26.9

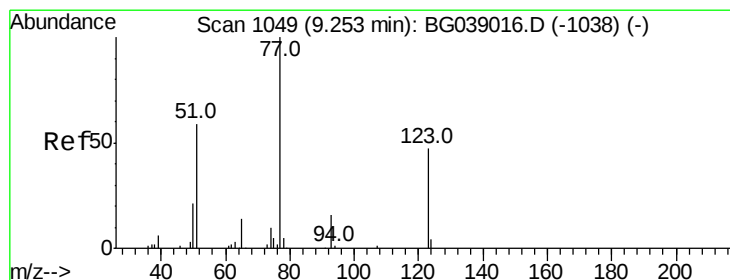
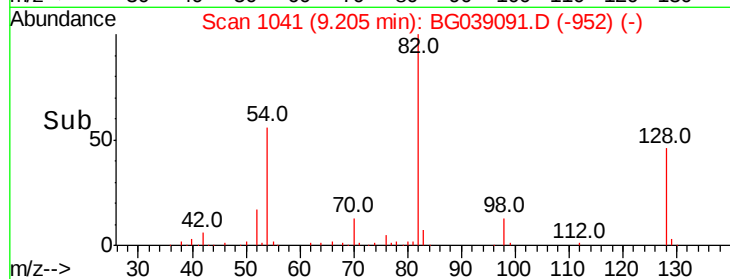
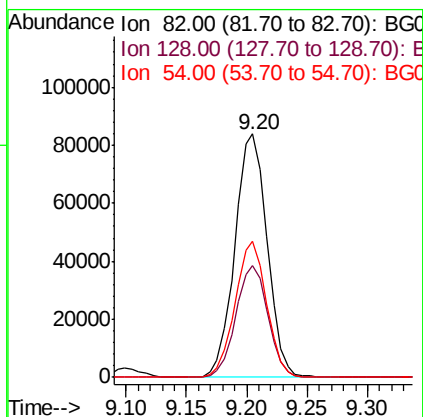
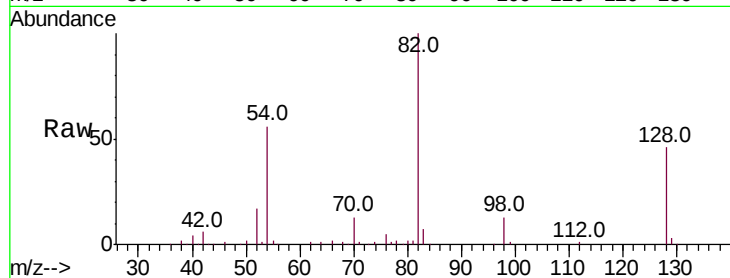




#23
Nitrobenzene-d5
Concen: 78.297 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

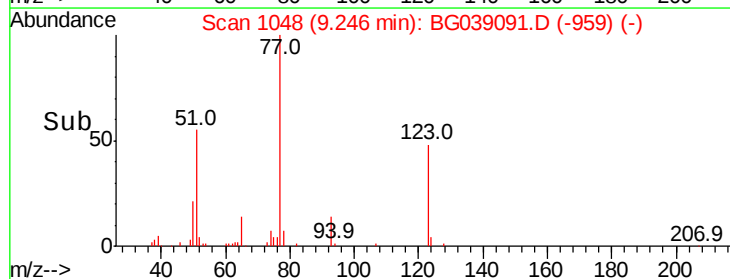
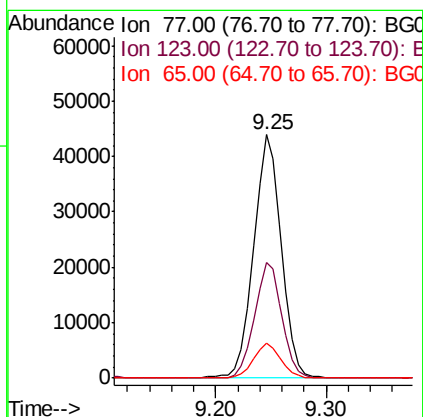
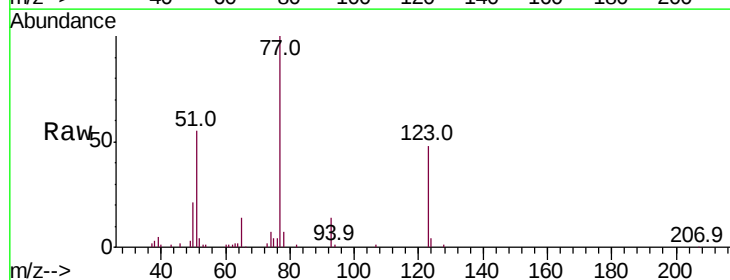
Instrument :
BNA_G
ClientSampleId :

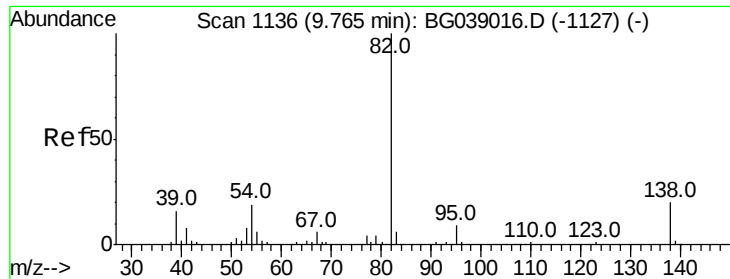
Tot Ion: 82 Resp: 156660
Ion Ratio Lower Upper
82 100
128 45.7 37.3 55.9
54 55.7 46.4 69.6



#24
Nitrobenzene
Concen: 37.945 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion: 77 Resp: 76740
Ion Ratio Lower Upper
77 100
123 47.7 37.6 56.4
65 14.3 11.0 16.6





#25

Isophorone

Concen: 42.180 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Instrument :

BNA_G

ClientSampled :

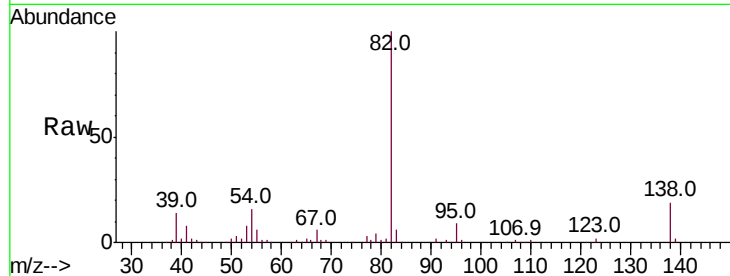
Tot Ion: 82 Resp: 145374

Ion Ratio Lower Upper

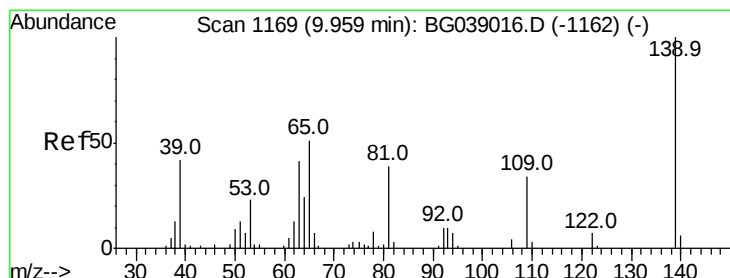
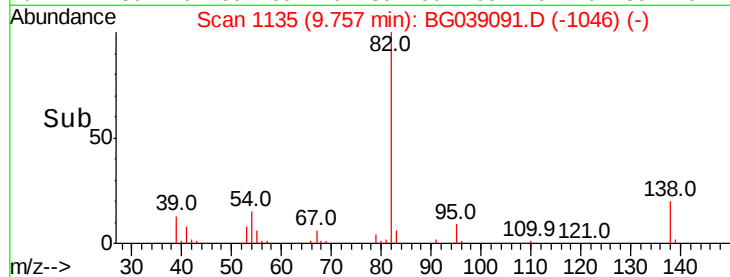
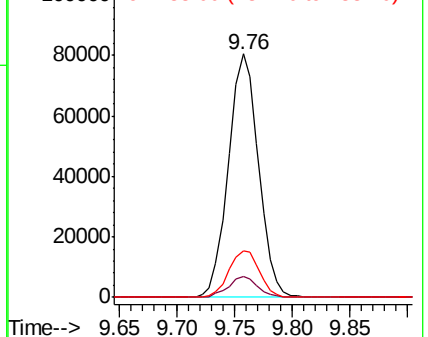
82 100

95 8.6 7.0 10.6

138 19.1 16.2 24.4



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: 39.089 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

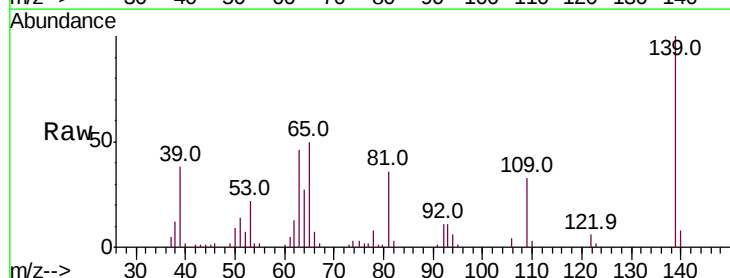
Tgt Ion: 139 Resp: 42759

Ion Ratio Lower Upper

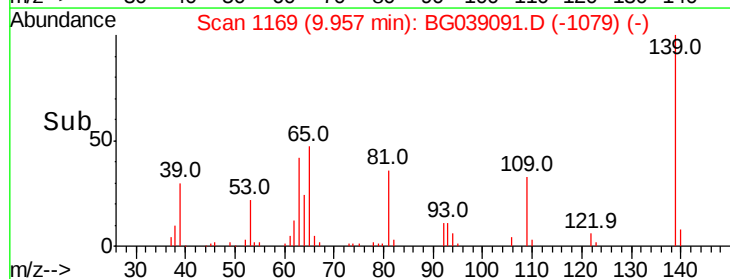
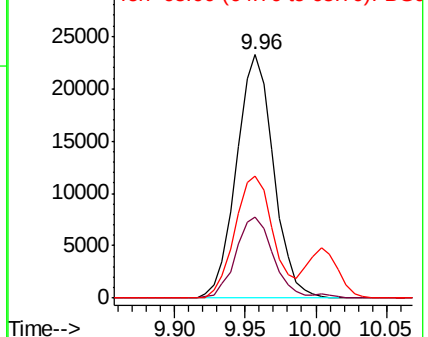
139 100

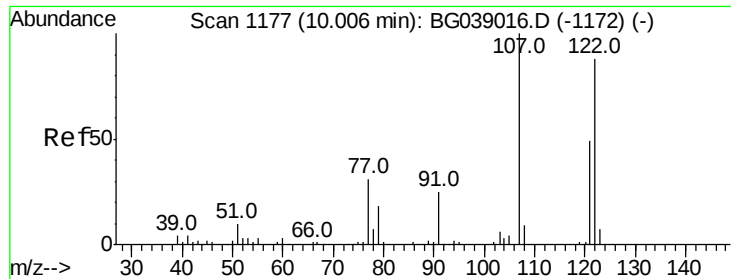
109 33.2 27.3 40.9

65 50.0 40.6 61.0



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

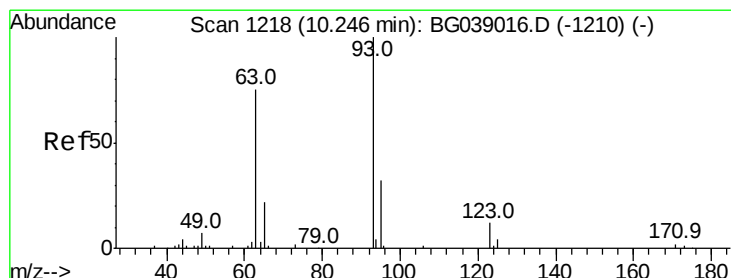
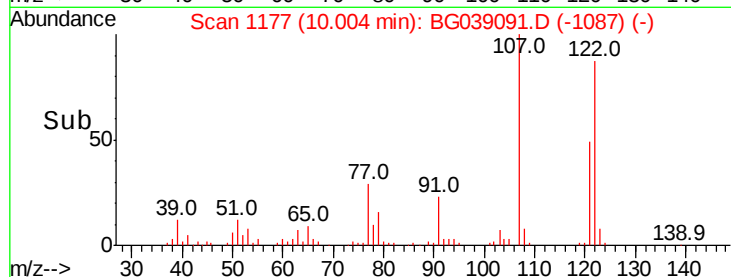
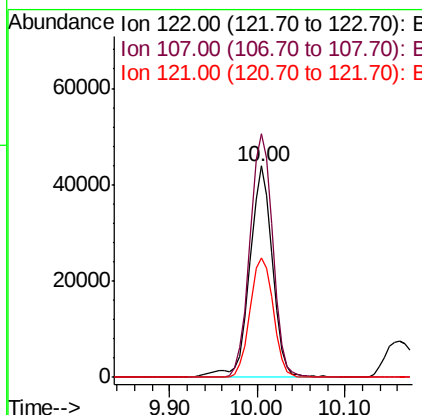
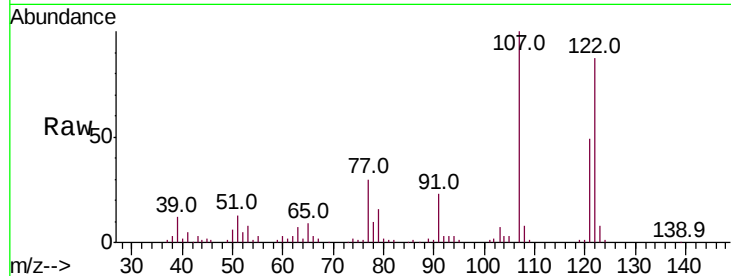




#27
 2,4-Dimethylphenol
 Concen: 49.931 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

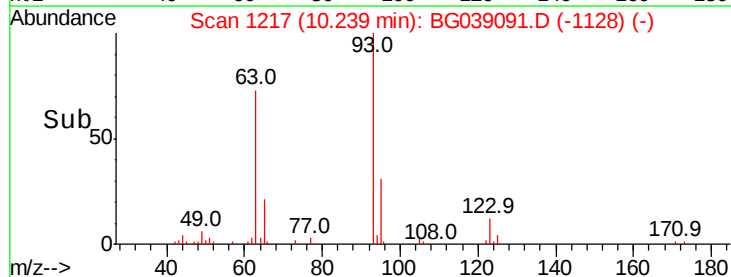
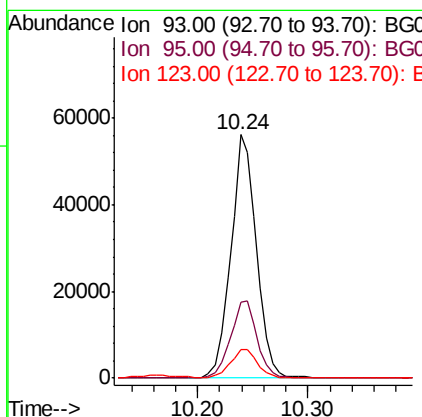
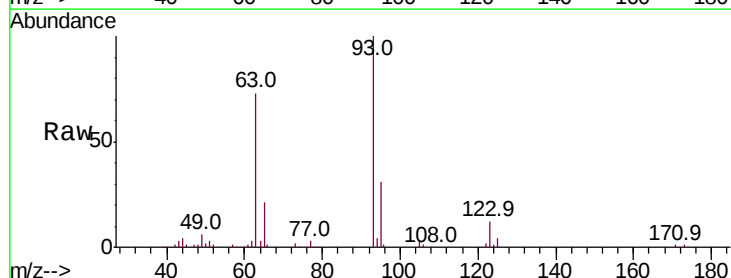
Instrument :
 BNA_G
 ClientSampleId :

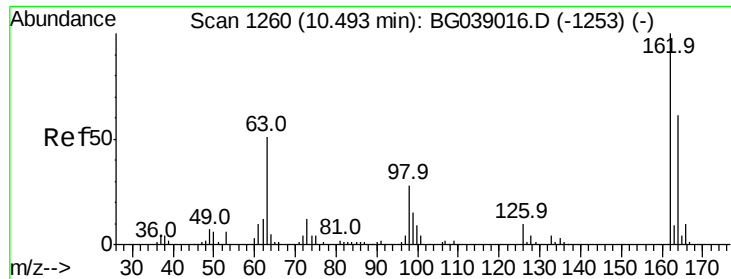
Tot Ion:122 Resp: 76843
 Ion Ratio Lower Upper
 122 100
 107 115.4 88.8 133.2
 121 56.7 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.800 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Tgt Ion: 93 Resp: 90727
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.6 38.4
 123 12.0 10.1 15.1

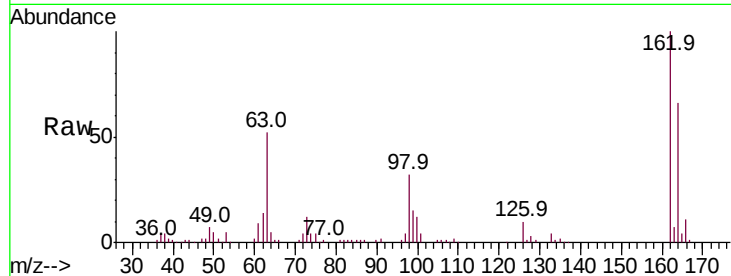




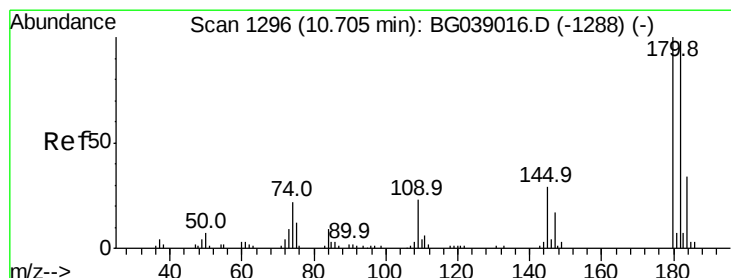
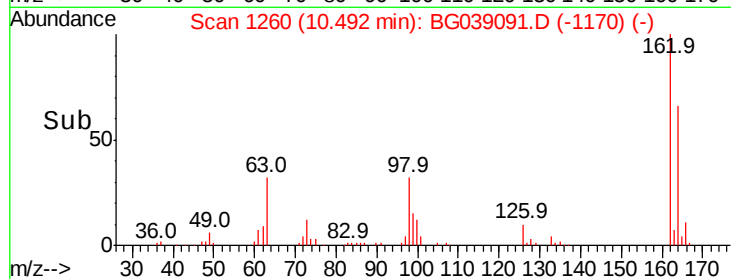
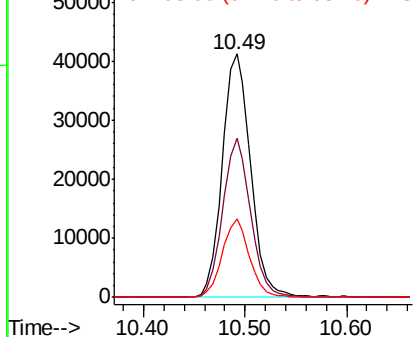
#29
 2,4-Dichlorophenol
 Concen: 41.744 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 79811
 Ion Ratio Lower Upper
 162 100
 164 65.6 41.3 81.3
 98 32.4 8.3 48.3

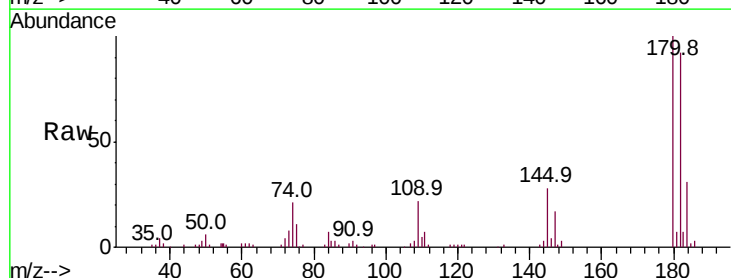


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

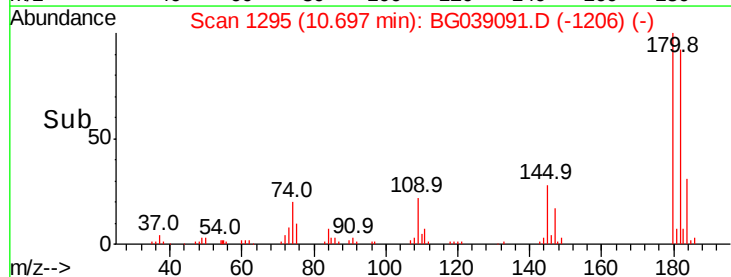
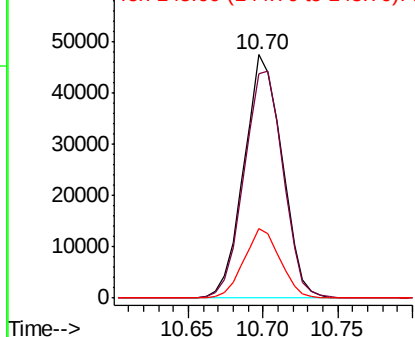


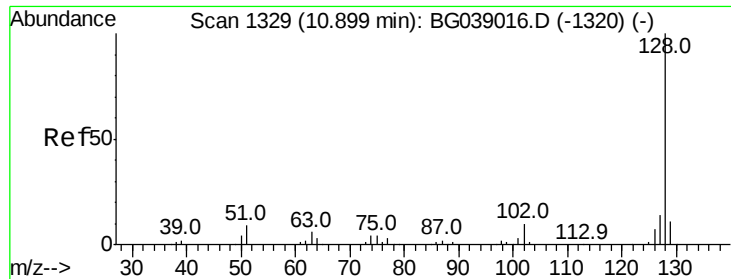
#30
 1,2,4-Trichlorobenzene
 Concen: 36.332 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Tgt Ion:180 Resp: 83463
 Ion Ratio Lower Upper
 180 100
 182 92.0 78.1 117.1
 145 28.5 23.1 34.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

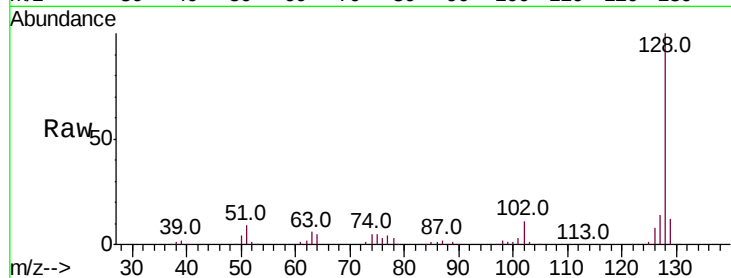




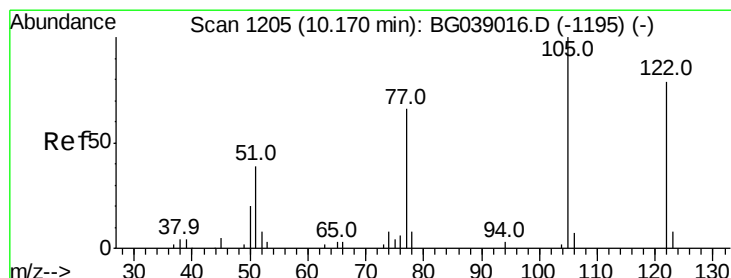
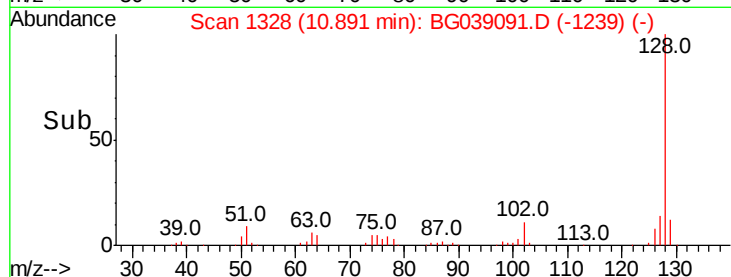
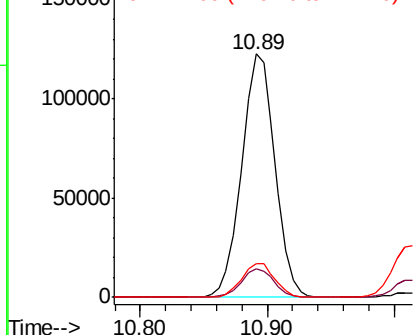
#31
Naphthalene
Concen: 40.569 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 222772
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 14.0 11.2 16.8

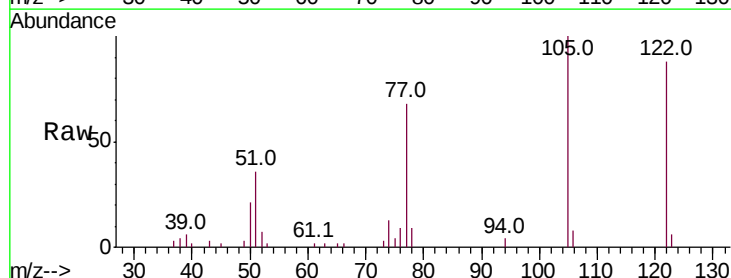


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

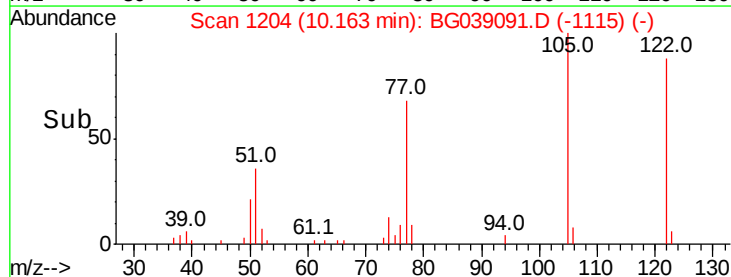
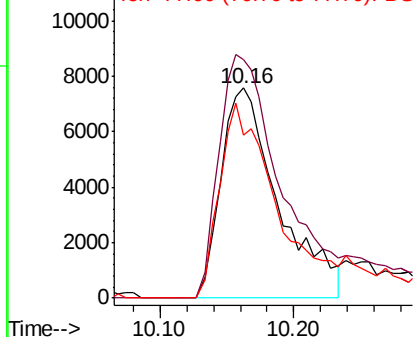


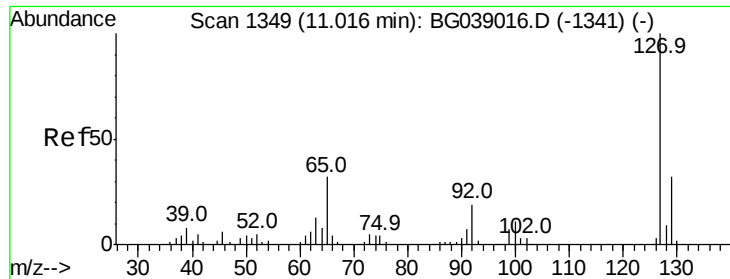
#32
Benzoic acid
Concen: 28.614 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion:122 Resp: 22587
Ion Ratio Lower Upper
122 100
105 113.8 106.4 146.4
77 77.4 63.6 103.6



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): BGO

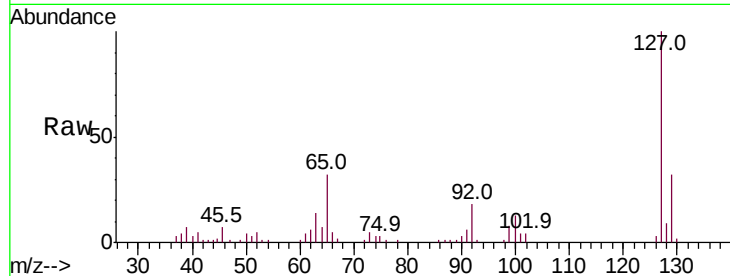




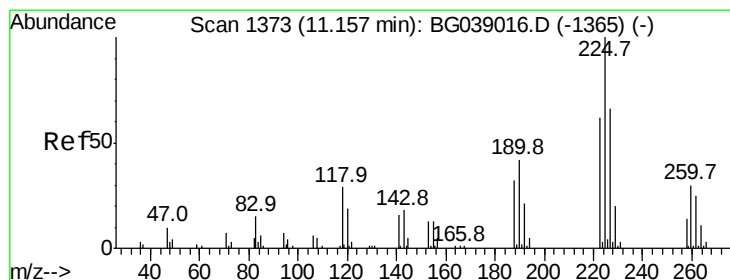
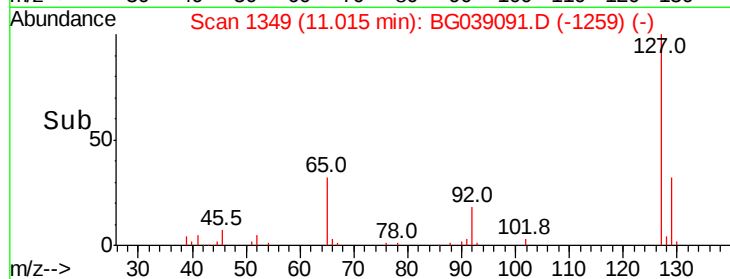
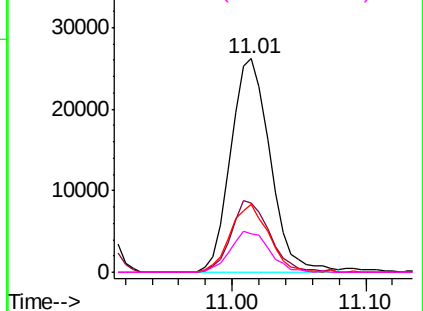
#33
4-Chloroaniline
Concen: 21.921 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	53862
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.0
65	31.7	25.4	38.0
92	18.0	15.2	22.8

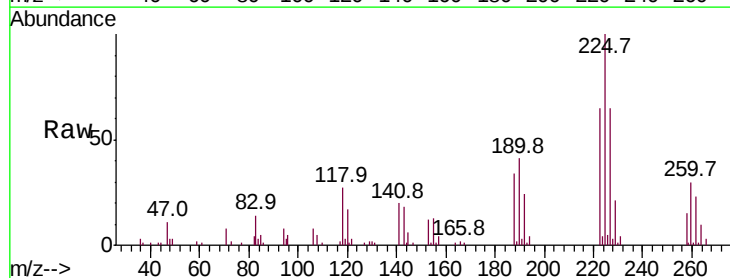


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

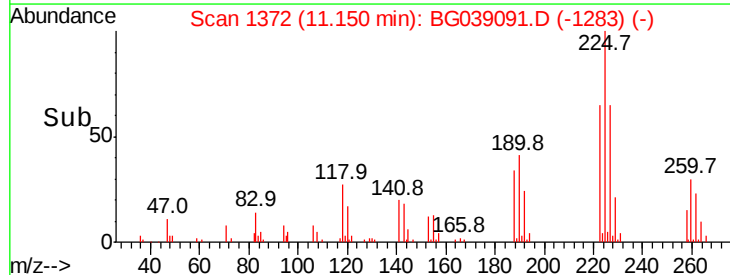
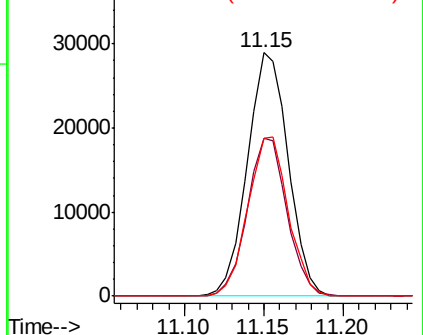


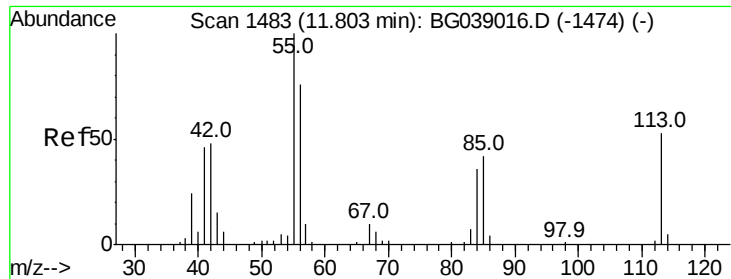
#34
Hexachlorobutadiene
Concen: 32.757 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion:	225	Resp:	51778
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.2	75.4
227	64.7	53.2	79.8



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





#35

Caprolactam

Concen: 35.426 ng

RT: 11.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Instrument :

BNA_G

ClientSampled :

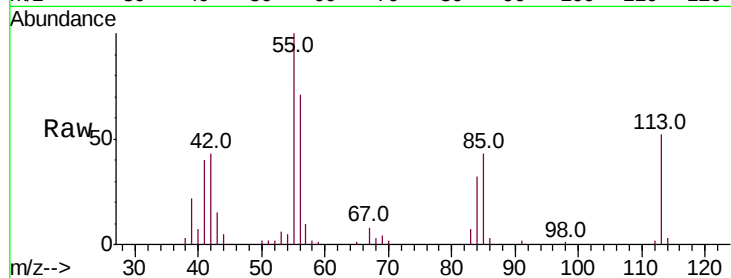
Tot Ion:113 Resp: 27160

Ion Ratio Lower Upper

113 100

55 193.8 168.6 208.6

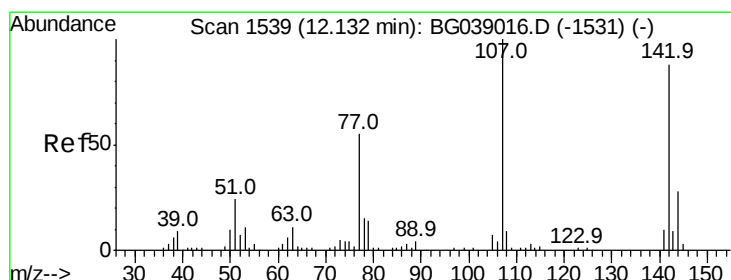
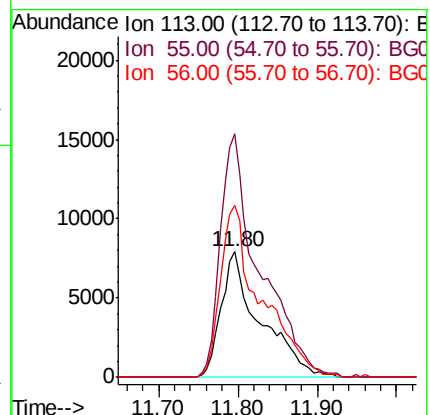
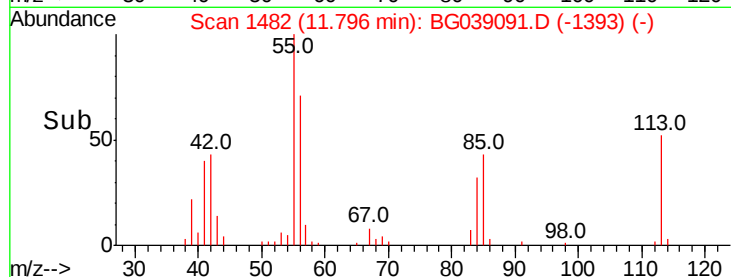
56 136.7 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.073 ng

RT: 12.12 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

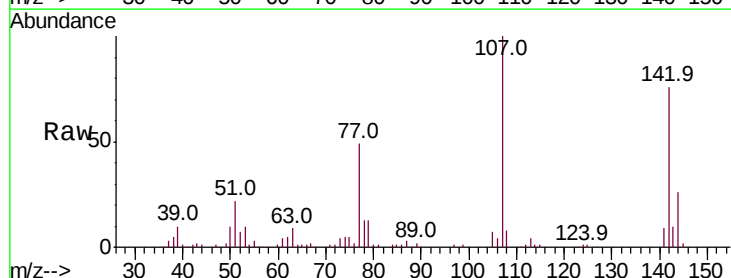
Tgt Ion:107 Resp: 90125

Ion Ratio Lower Upper

107 100

144 26.0 22.6 34.0

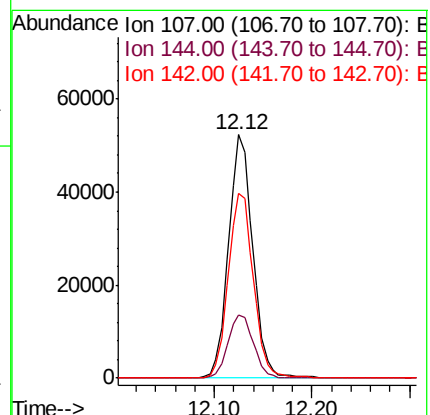
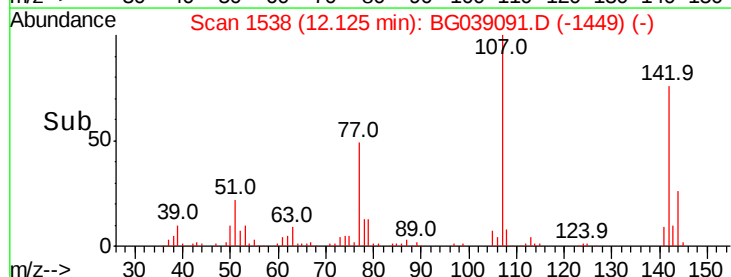
142 75.9 70.2 105.4

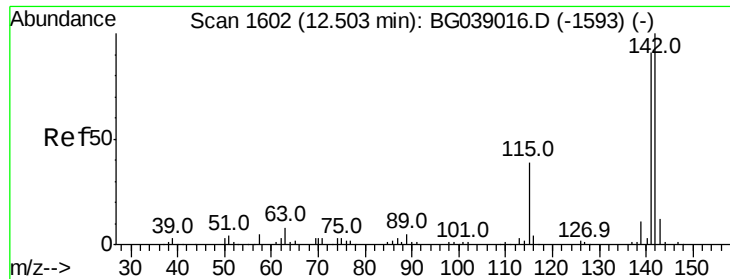


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

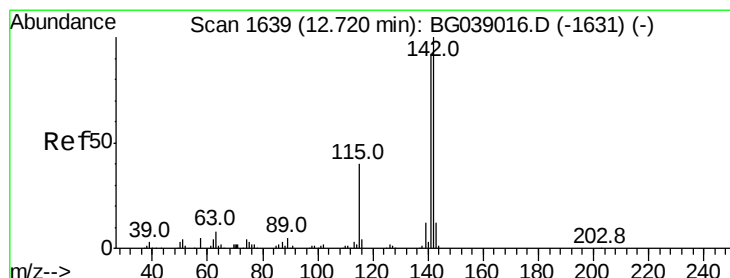
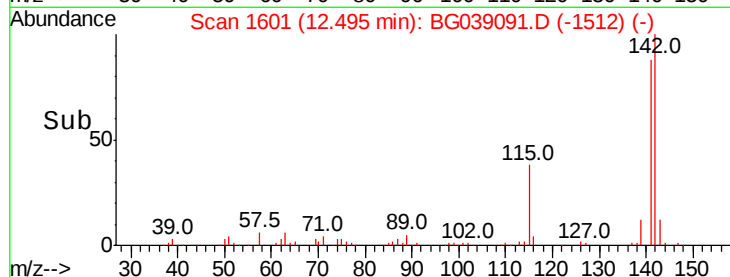
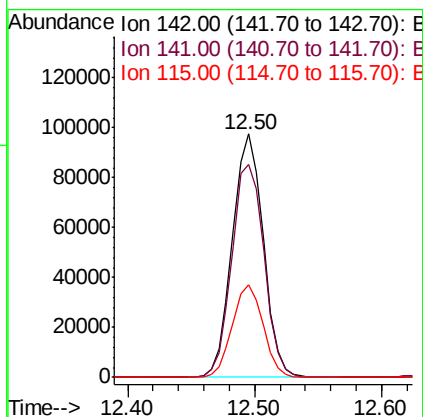
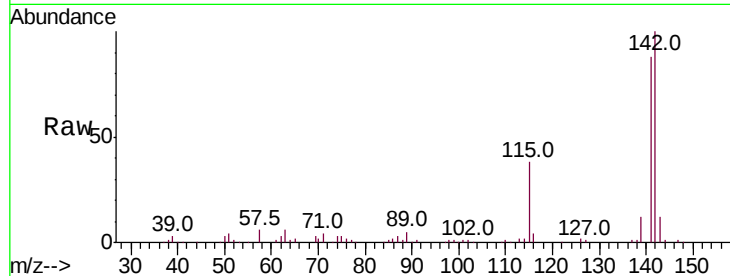




#37
 2-Methylnaphthalene
 Concen: 39.989 ng
 RT: 12.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

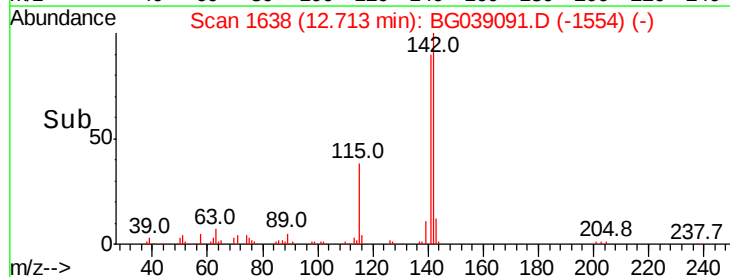
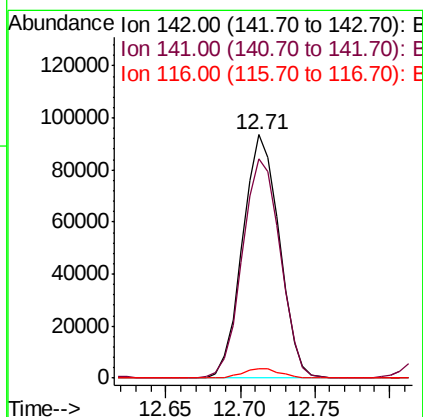
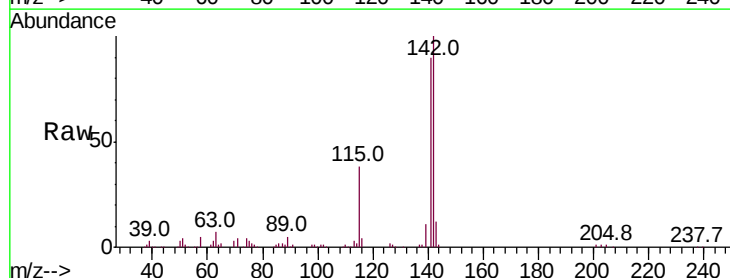
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 164634
 Ion Ratio Lower Upper
 142 100
 141 87.6 72.6 109.0
 115 38.2 31.1 46.7



#38
 1-Methylnaphthalene
 Concen: 40.230 ng
 RT: 12.71 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Tgt Ion:142 Resp: 158973
 Ion Ratio Lower Upper
 142 100
 141 90.0 73.3 109.9
 116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

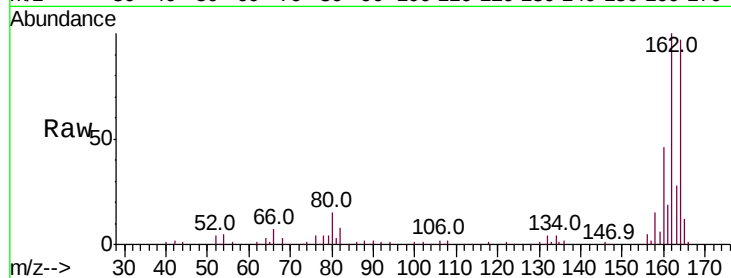
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 74229

Ion	Ratio	Lower	Upper
164	100		
162	103.0	87.2	130.8
160	47.1	33.3	49.9

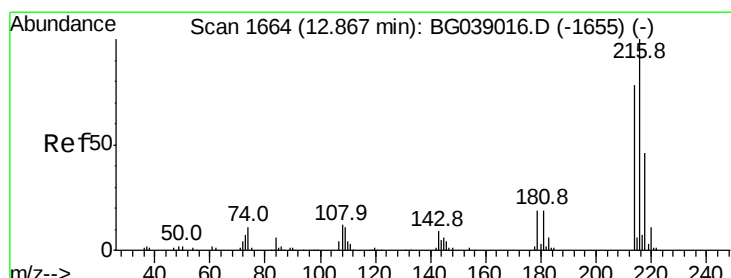
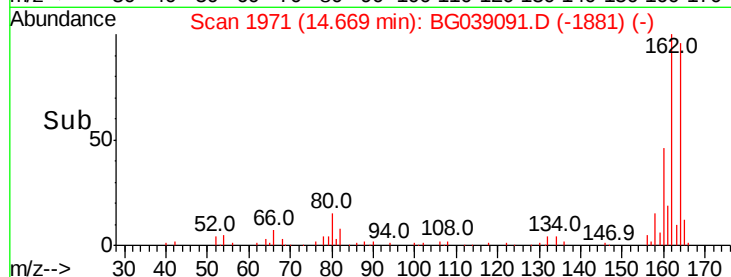
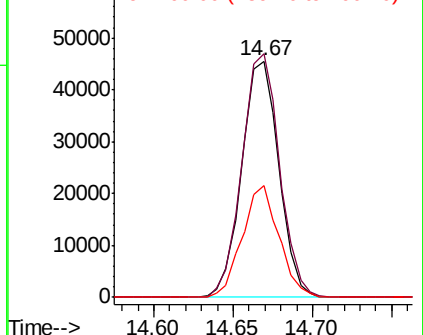


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.463 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Tgt Ion:216 Resp: 101650

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.2
179	20.0	15.5	23.3
108	16.2	11.4	17.2

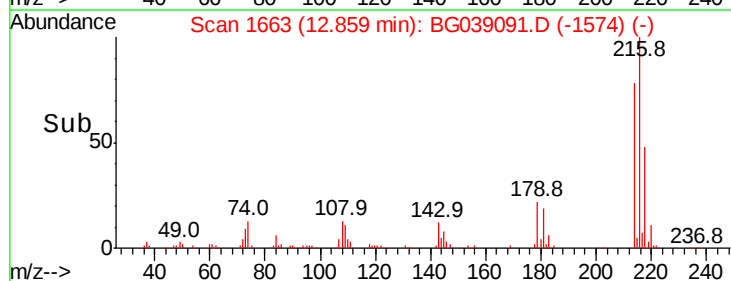
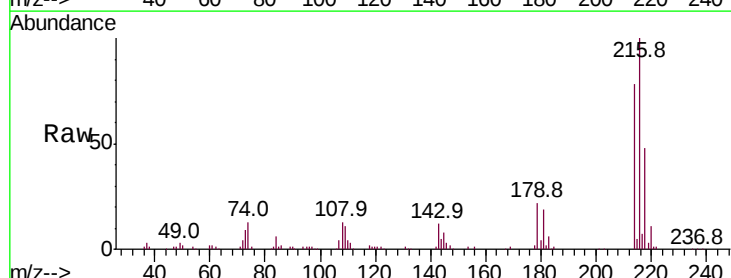
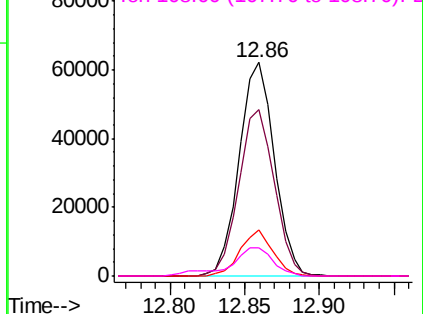
Abundance

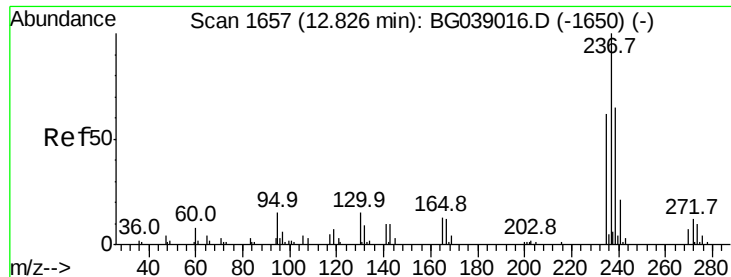
Ion 216.00 (215.70 to 216.70): E

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: 72.942 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

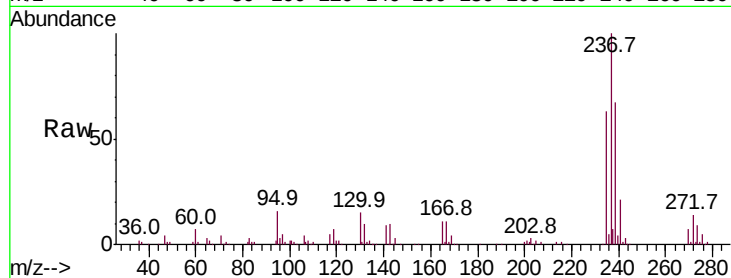
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 113668

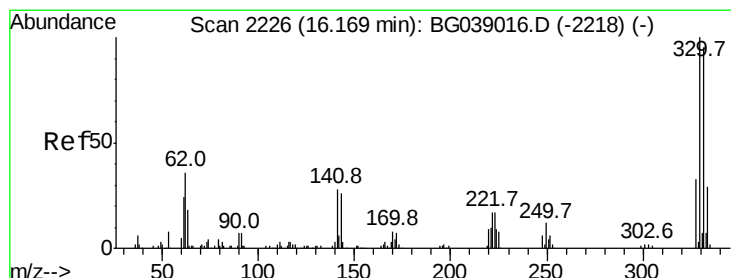
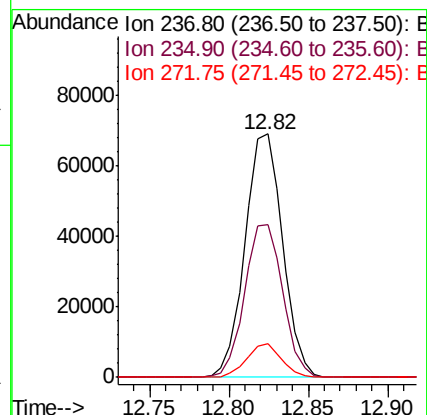
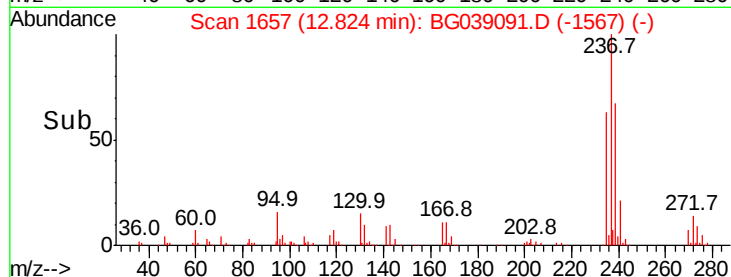
Ion	Ratio	Lower	Upper
237	100		
235	63.0	41.7	81.7
272	13.6	0.0	32.1



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: 124.452 ng

RT: 16.16 min Scan# 2225

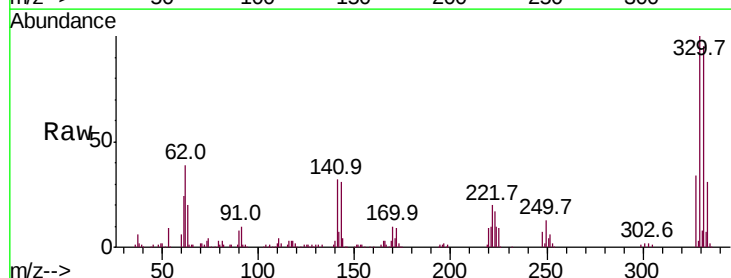
Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Tgt Ion:330 Resp: 154853

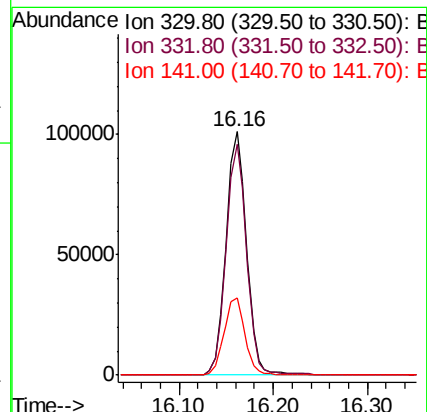
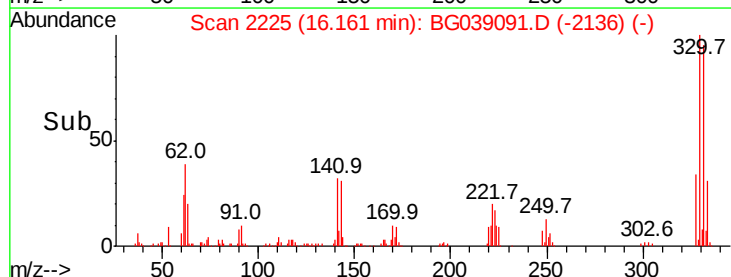
Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.7	113.5
141	32.1	24.9	37.3

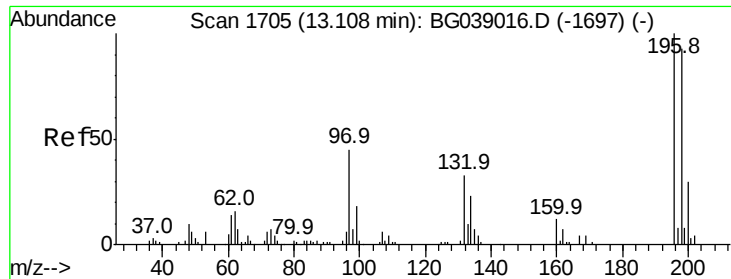


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

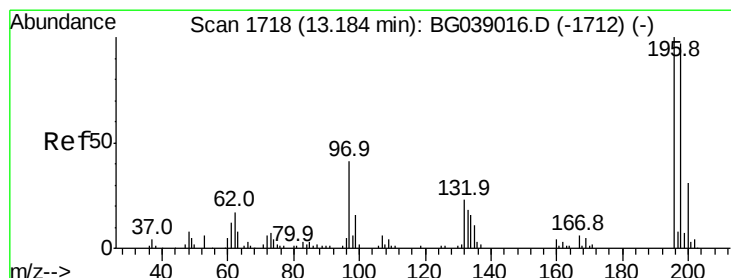
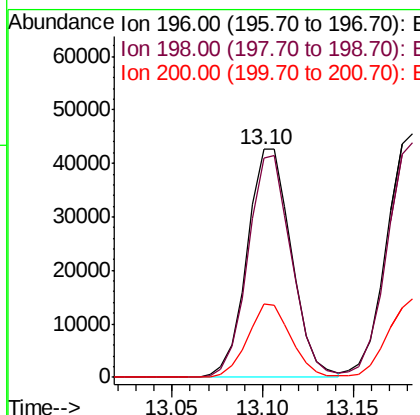
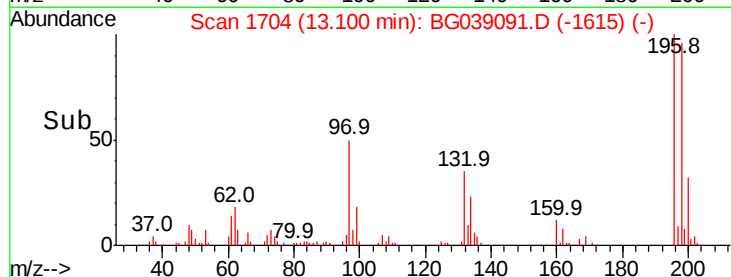
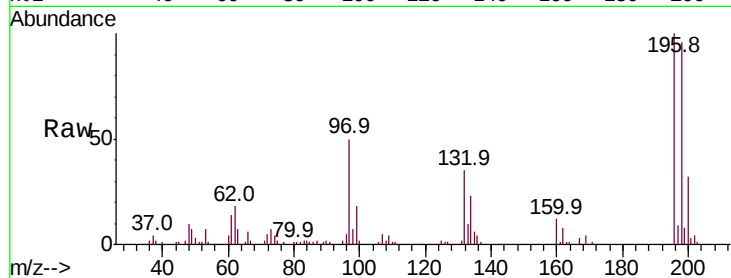




#43
 2,4,6-Trichlorophenol
 Concen: 41.190 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

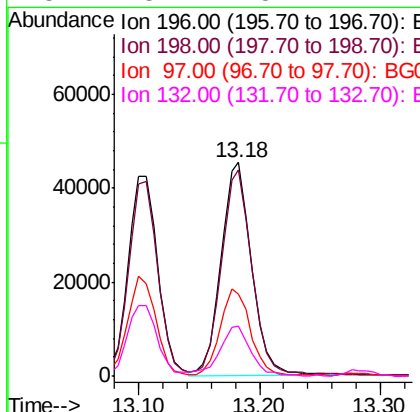
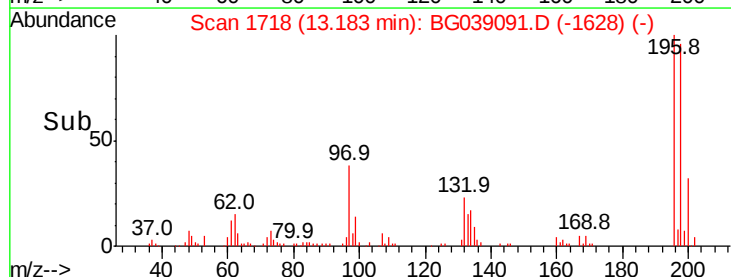
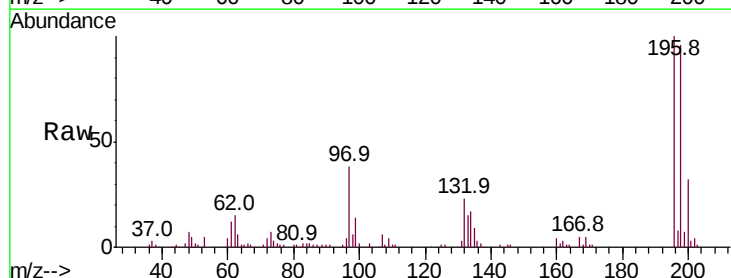
Instrument :
 BNA_G
 ClientSampled :

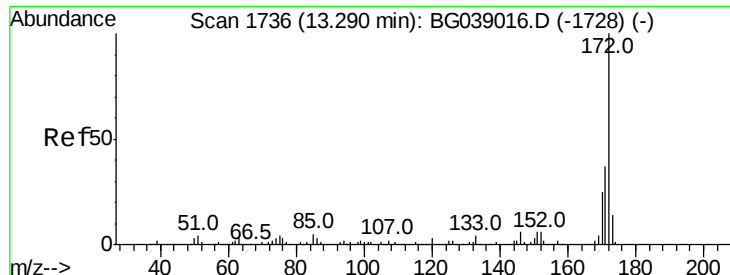
Tot Ion:196 Resp: 72270
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.5 111.7
 200 32.2 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.619 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Tgt Ion:196 Resp: 79032
 Ion Ratio Lower Upper
 196 100
 198 96.5 78.1 117.1
 97 38.1 33.2 49.8
 132 23.1 18.2 27.4

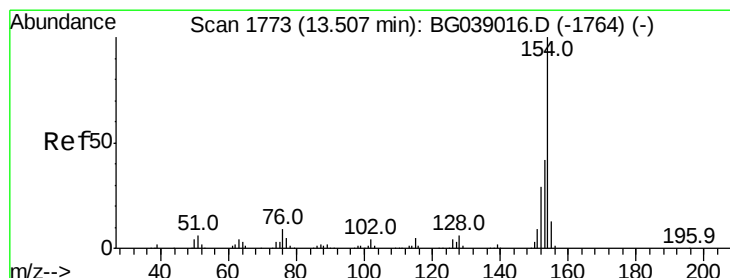
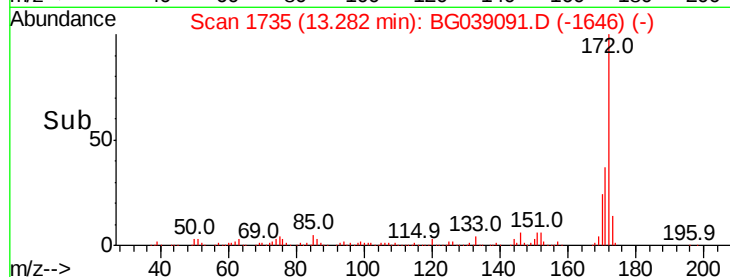
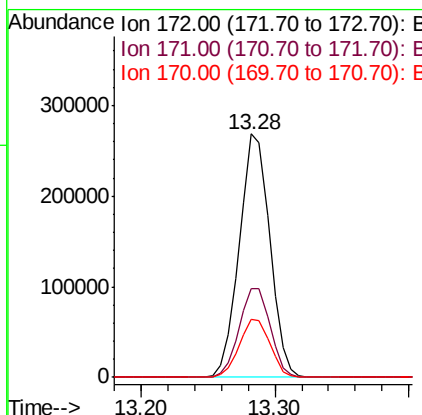
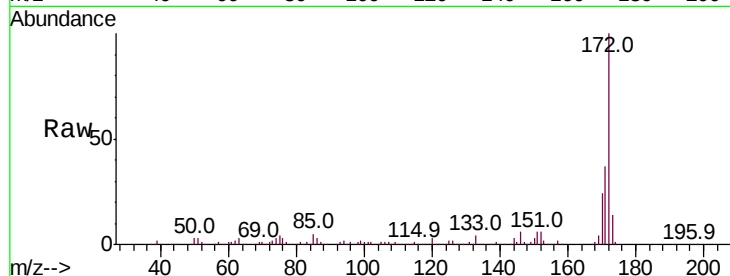




#45
2-Fluorobiphenyl
Concen: 78.176 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

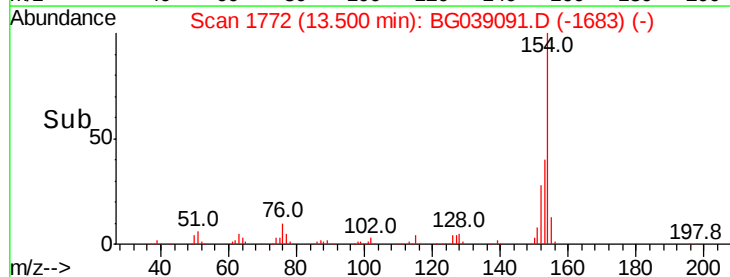
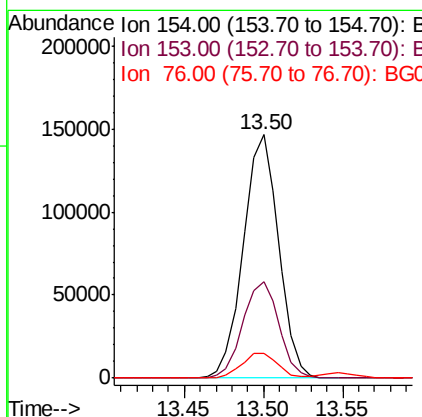
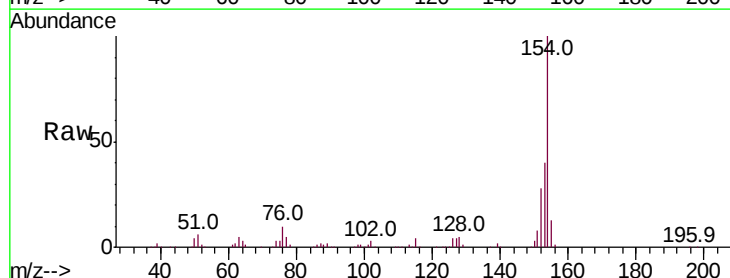
Instrument :
BNA_G
ClientSampleId :

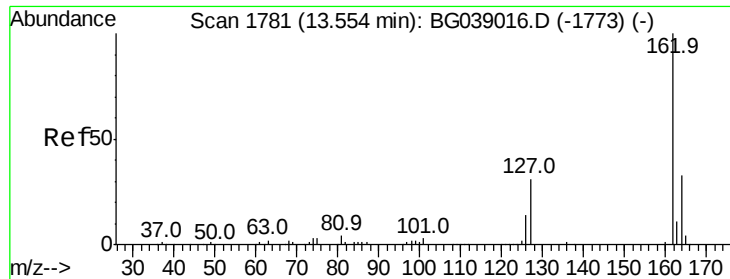
Tot Ion:172 Resp: 424013
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.0 20.1 30.1



#46
1,1'-Biphenyl
Concen: 38.503 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion:154 Resp: 226464
Ion Ratio Lower Upper
154 100
153 39.9 22.4 62.4
76 10.4 0.0 29.4

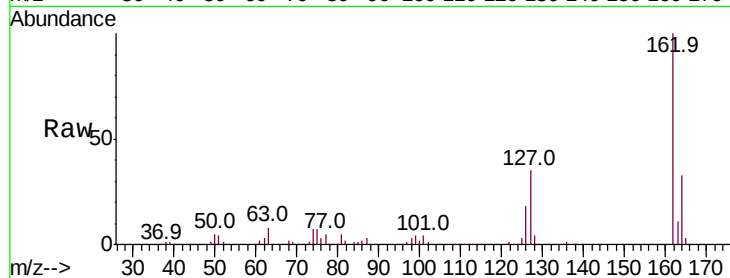




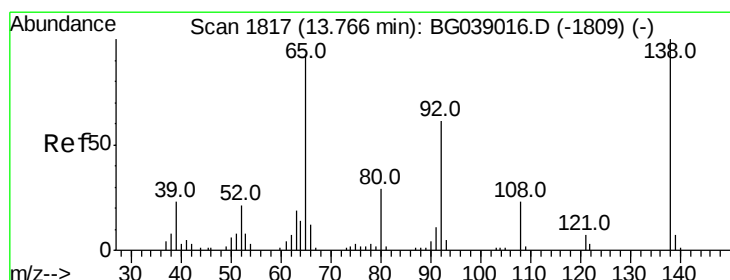
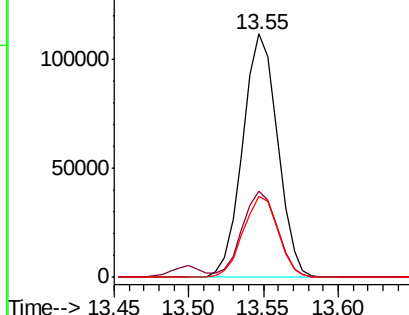
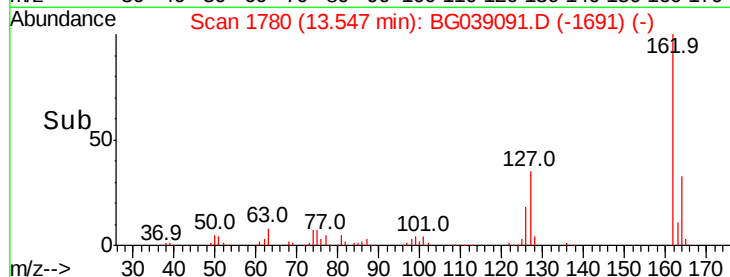
#47
 2-Chloronaphthalene
 Concen: 38.026 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.4	28.4	42.6
164	33.5	26.3	39.5

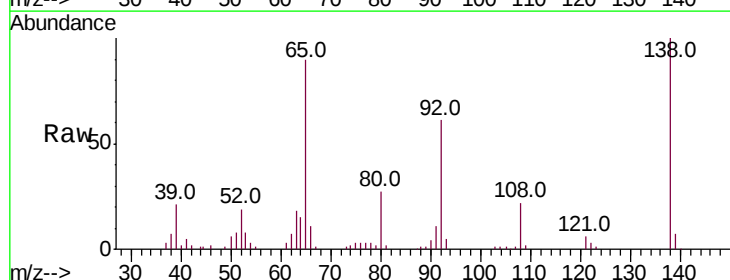


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

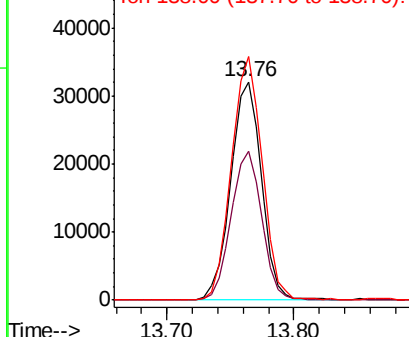
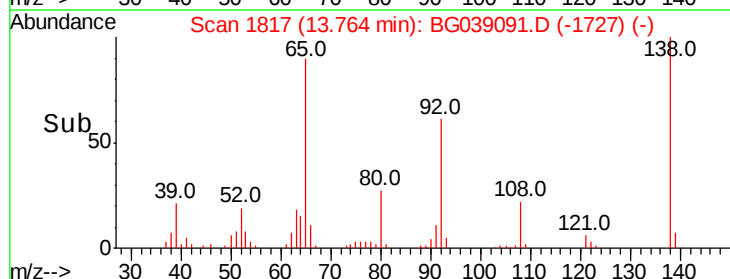


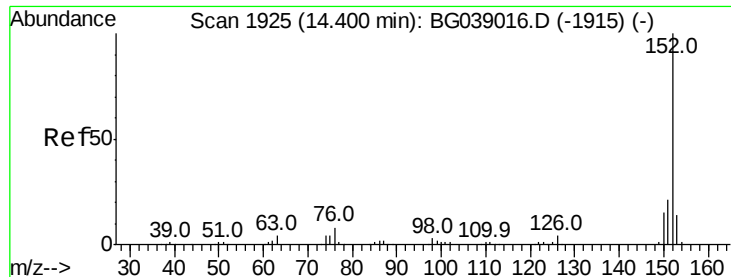
#48
 2-Nitroaniline
 Concen: 40.120 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	52.2	78.4
138	111.7	86.0	129.0



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: 41.966 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

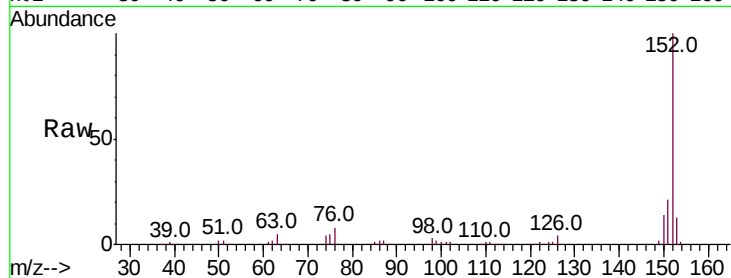
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 300226

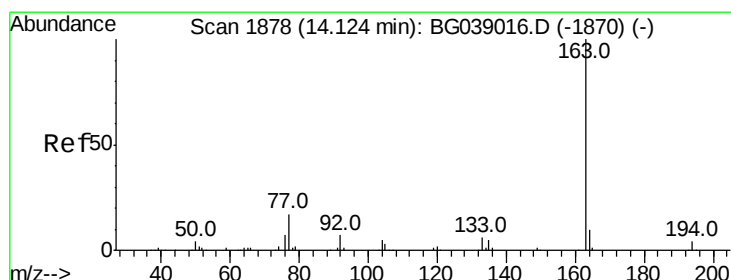
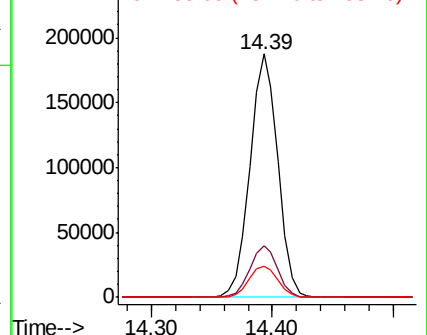
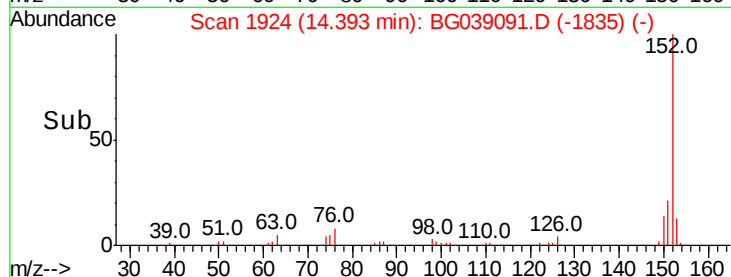
Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.4
153	12.5	11.2	16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.243 ng

RT: 14.12 min Scan# 1877

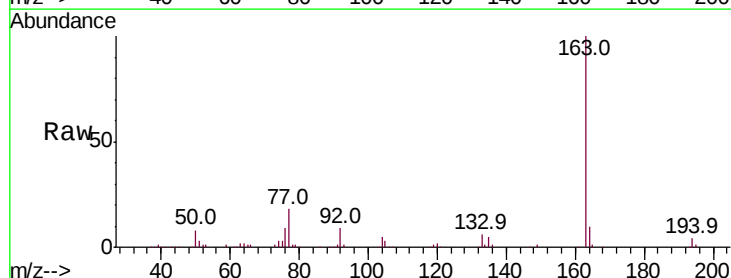
Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Tgt Ion:163 Resp: 239888

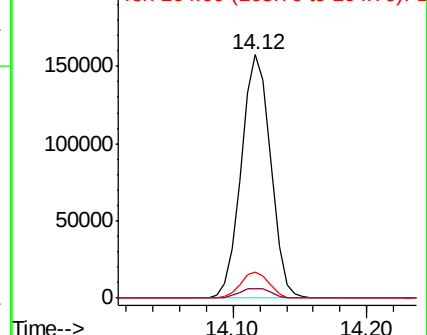
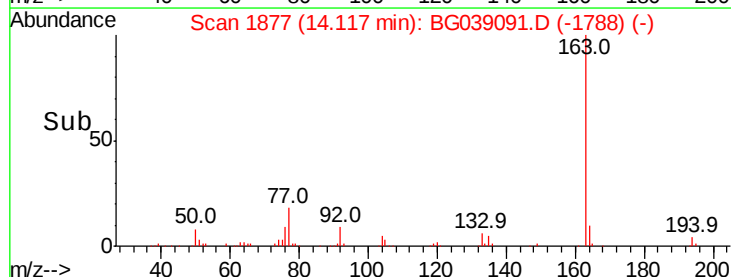
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.5	8.2	12.2

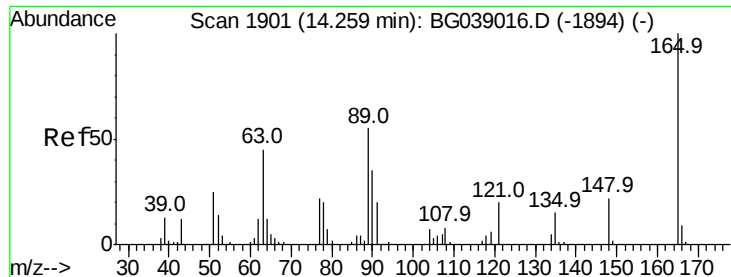


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

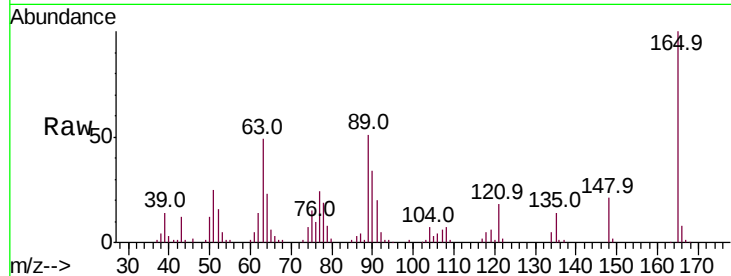




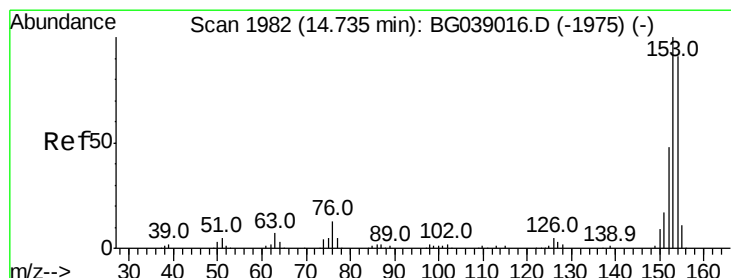
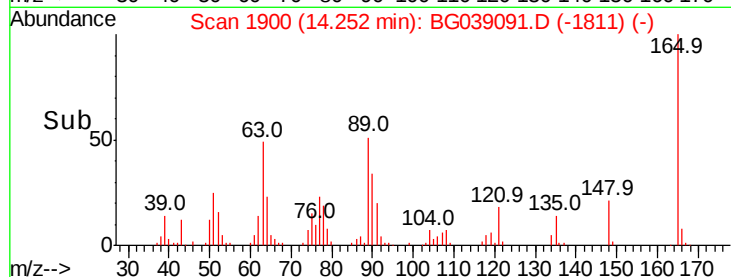
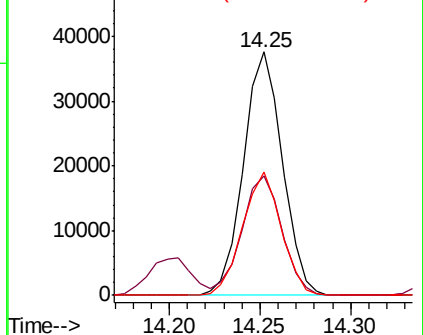
#51
2,6-Dinitrotoluene
Concen: 39.903 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Instrument :
BNA_G
ClientSampleID :

Tot Ion:165 Resp: 55960
Ion Ratio Lower Upper
165 100
63 49.0 43.6 65.4
89 50.9 43.7 65.5

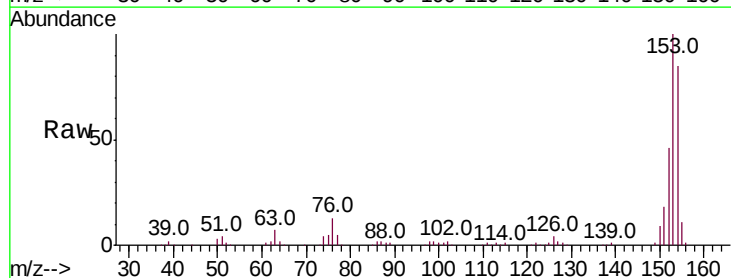


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

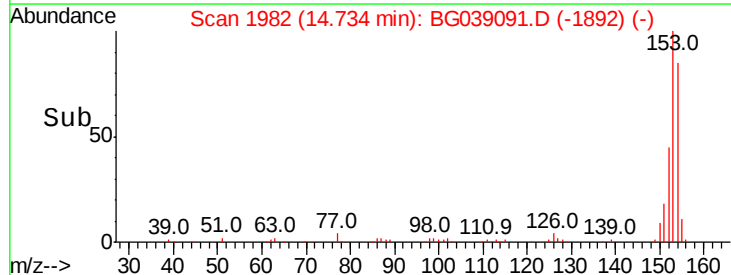
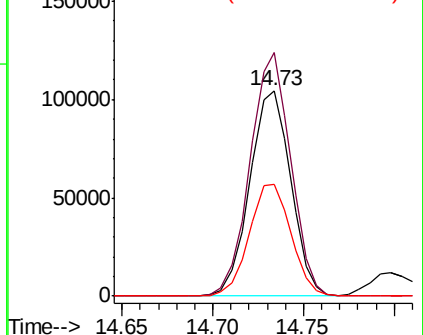


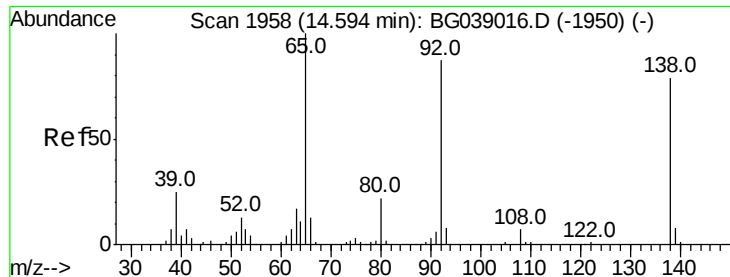
#52
Acenaphthene
Concen: 38.270 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion:154 Resp: 164496
Ion Ratio Lower Upper
154 100
153 118.3 87.9 131.9
152 54.4 42.2 63.2



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: 24.318 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Instrument :

BNA_G

ClientSampleId :

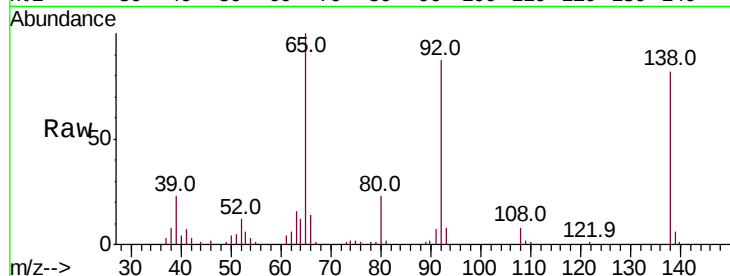
Tot Ion:138 Resp: 34596

Ion Ratio Lower Upper

138 100

108 9.7 7.4 11.0

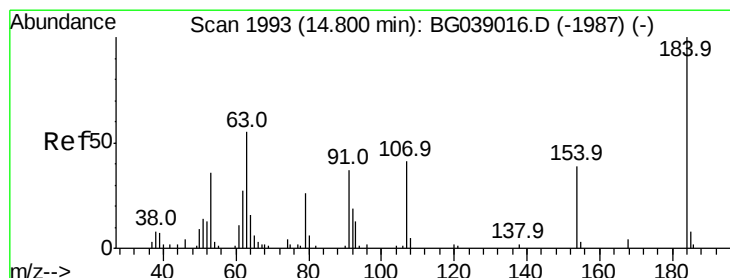
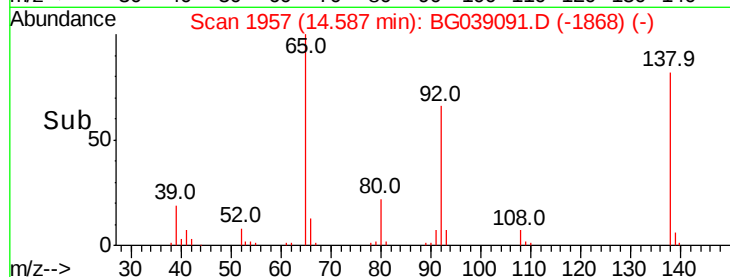
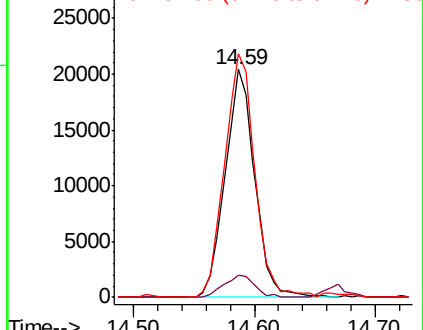
92 106.8 88.2 132.4



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: 47.116 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

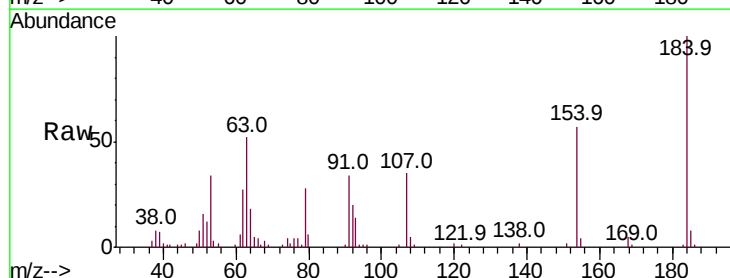
Tgt Ion:184 Resp: 37514

Ion Ratio Lower Upper

184 100

63 52.2 44.0 66.0

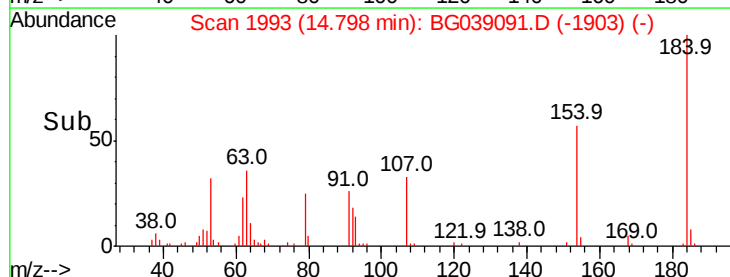
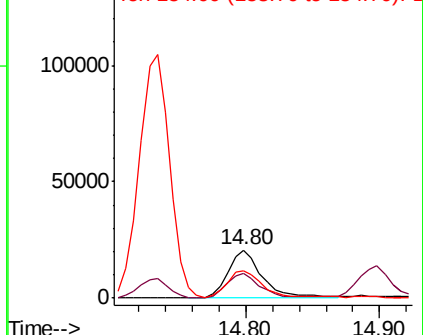
154 56.5 46.1 69.1

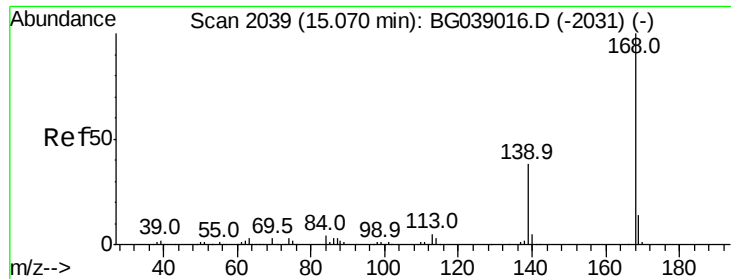


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

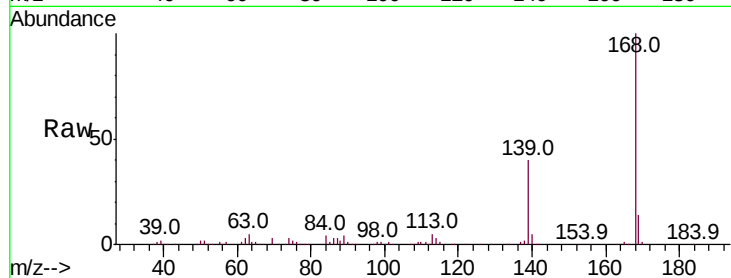




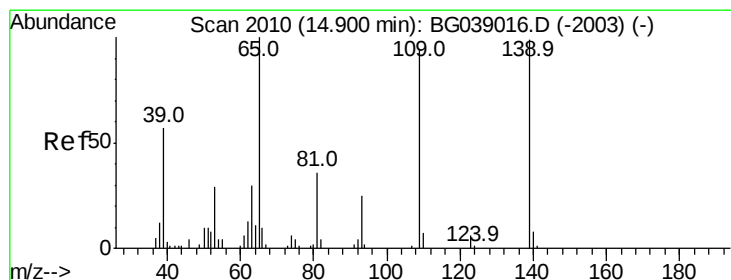
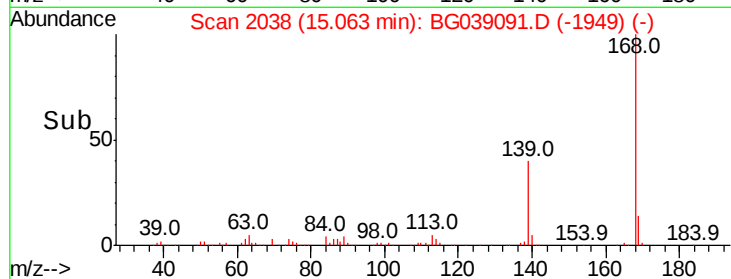
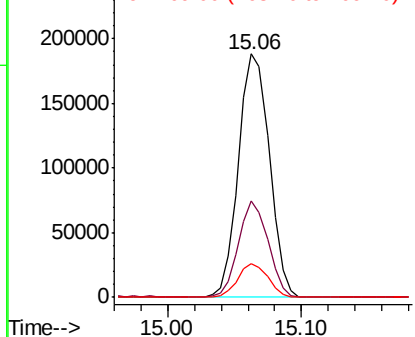
#55
Dibenzofuran
Concen: 39.752 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 301772
Ion Ratio Lower Upper
168 100
139 39.8 30.1 45.1
169 13.8 10.9 16.3

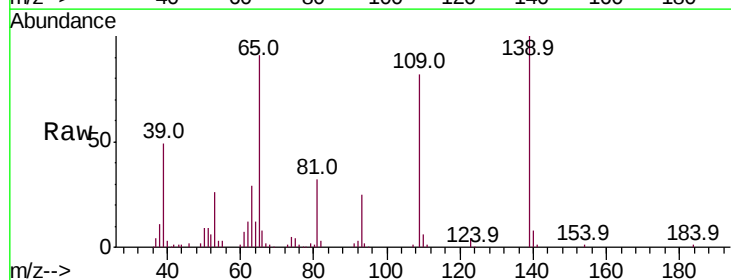


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

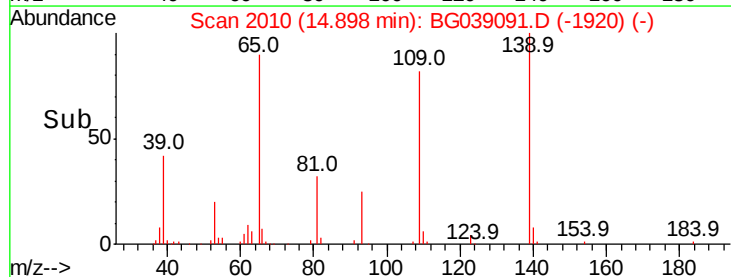
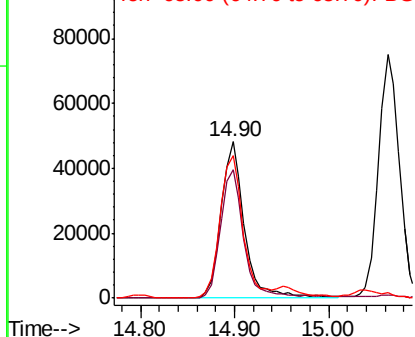


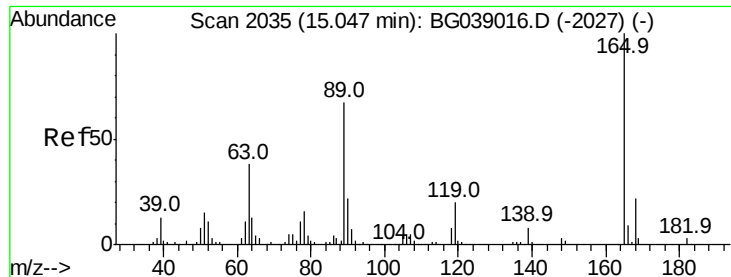
#56
4-Nitrophenol
Concen: 81.747 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion:139 Resp: 83679
Ion Ratio Lower Upper
139 100
109 81.9 75.6 115.6
65 91.4 81.2 121.2



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

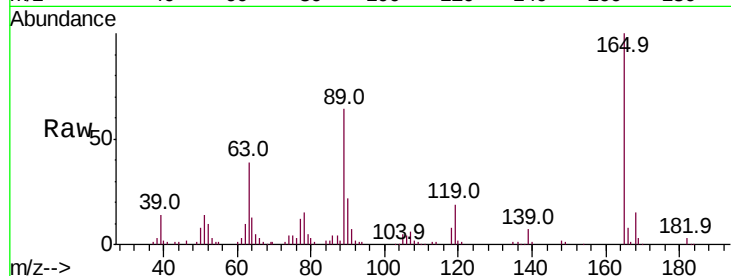




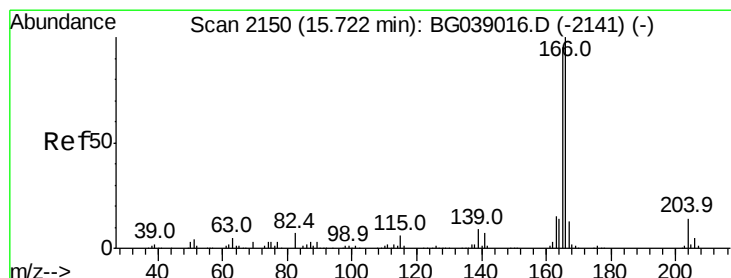
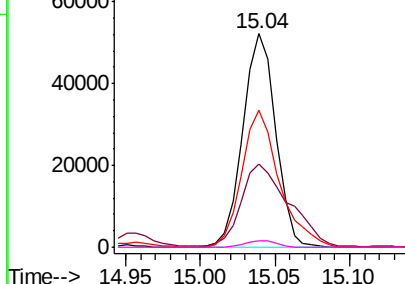
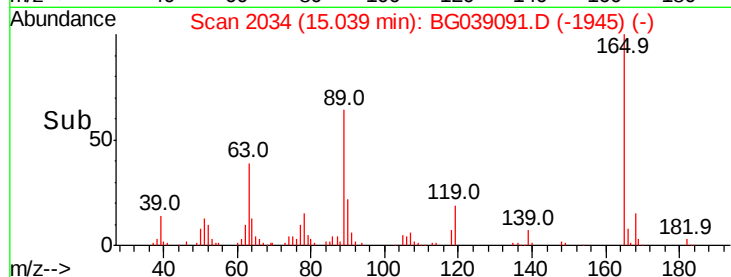
#57
2,4-Dinitrotoluene
Concen: 39.386 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 79244
Ion Ratio Lower Upper
165 100
63 38.9 30.2 45.4
89 64.0 53.2 79.8
182 2.8 2.7 4.1

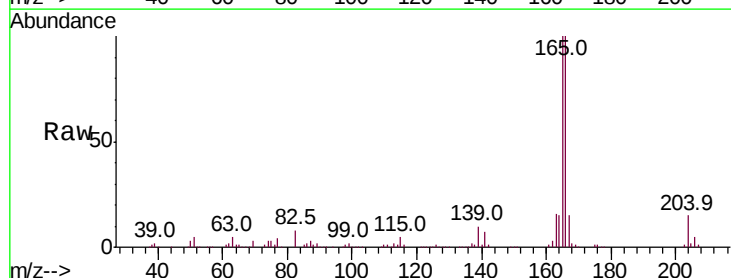


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

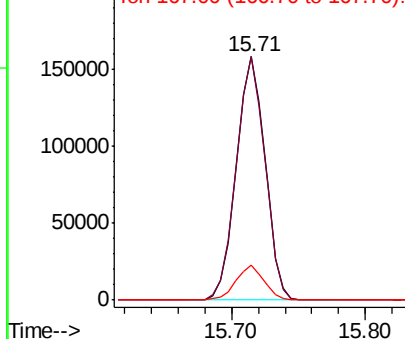
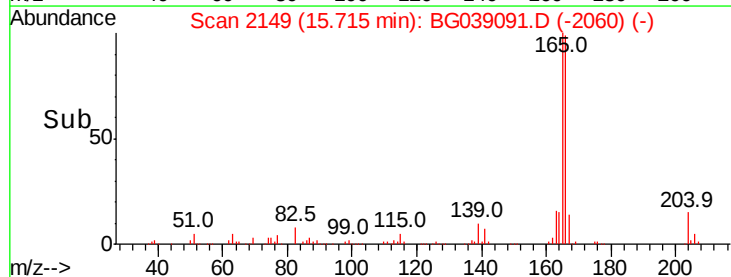


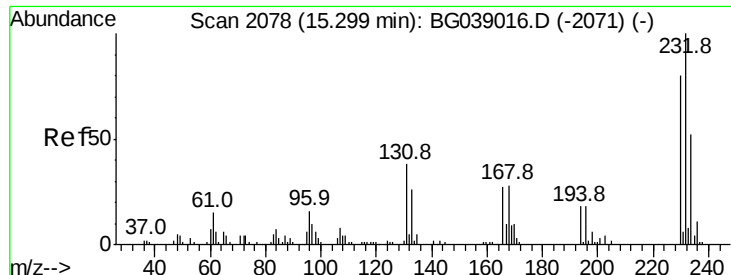
#58
Fluorene
Concen: 41.447 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion:166 Resp: 236835
Ion Ratio Lower Upper
166 100
165 99.8 76.2 114.2
167 14.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

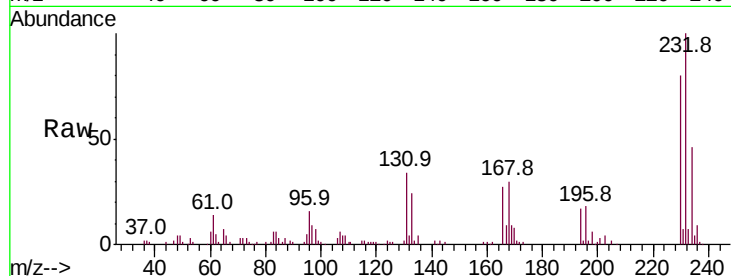




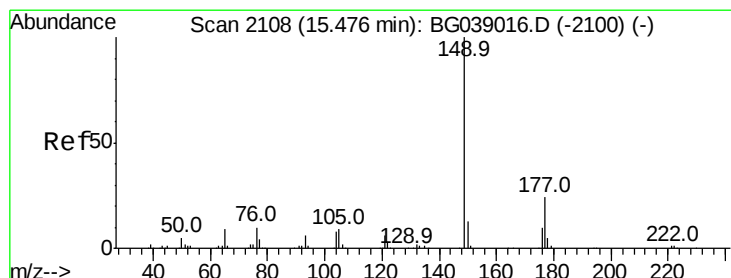
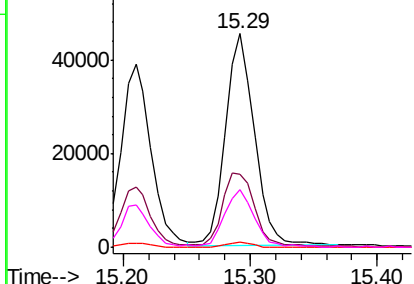
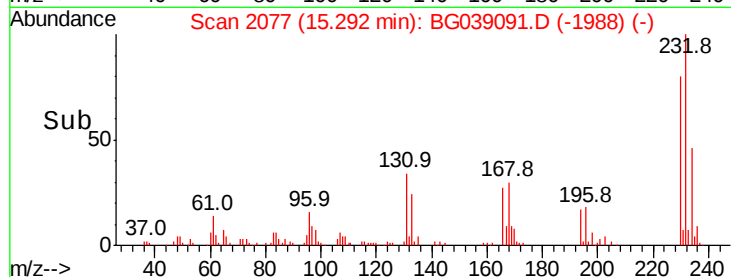
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.080 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 71909
Ion Ratio Lower Upper
232 100
131 38.5 30.9 46.3
130 1.9 1.9 2.9
166 28.2 22.1 33.1

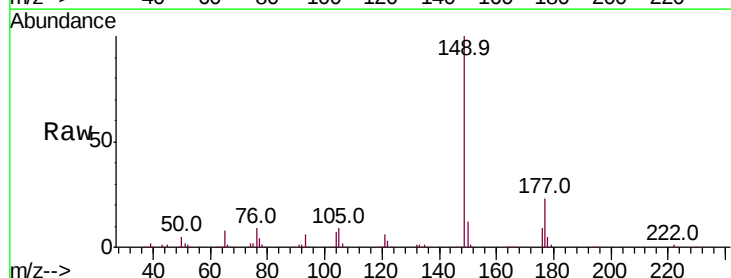


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

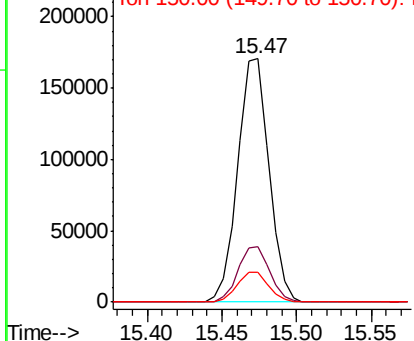
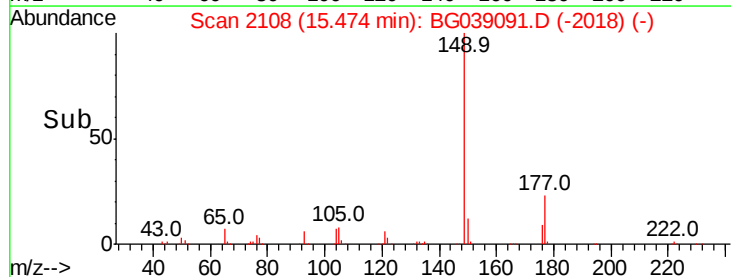


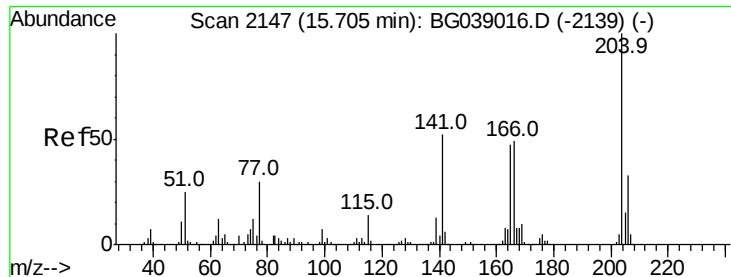
#60
Diethylphthalate
Concen: 38.357 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion:149 Resp: 247893
Ion Ratio Lower Upper
149 100
177 22.7 19.0 28.6
150 12.5 10.2 15.4



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

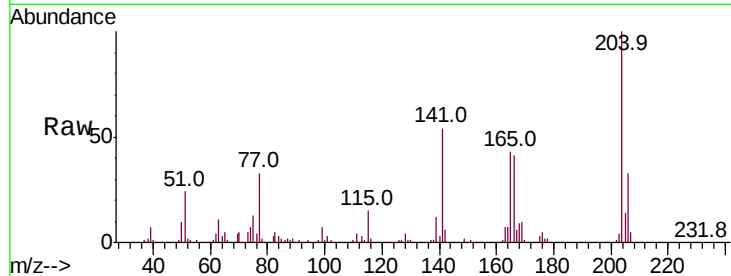




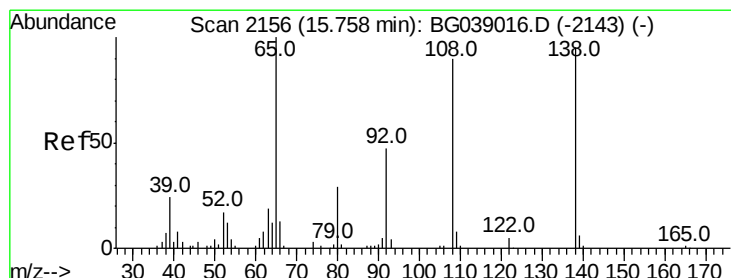
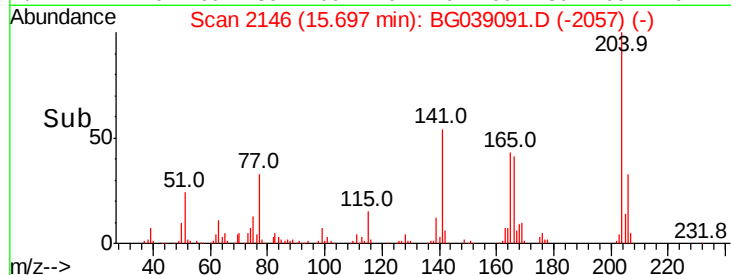
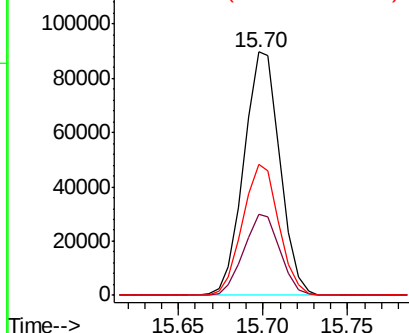
#61
4-Chlorophenyl-phenylether
Concen: 36.997 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	54.0	41.4	62.0

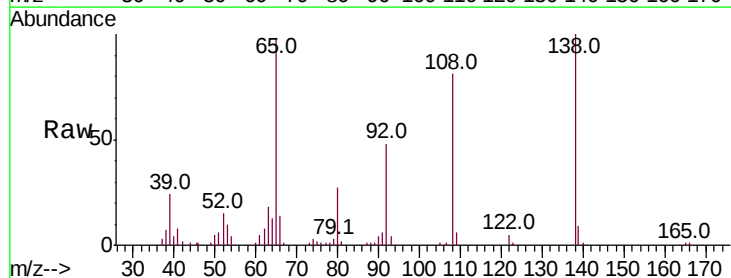


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

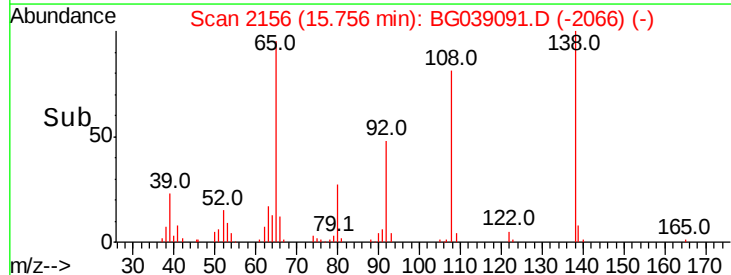
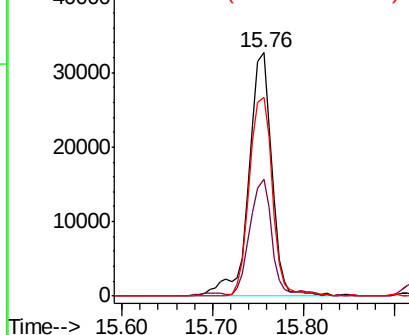


#62
4-Nitroaniline
Concen: 38.775 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	29.7	69.7
108	81.4	75.7	115.7



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

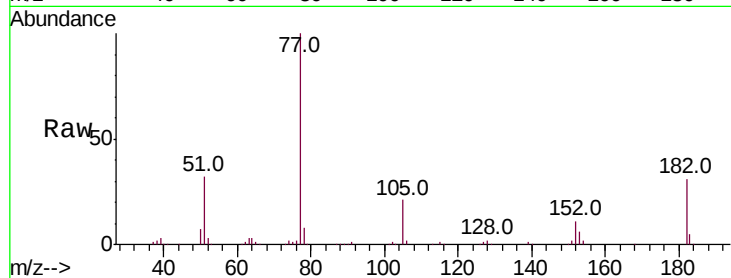




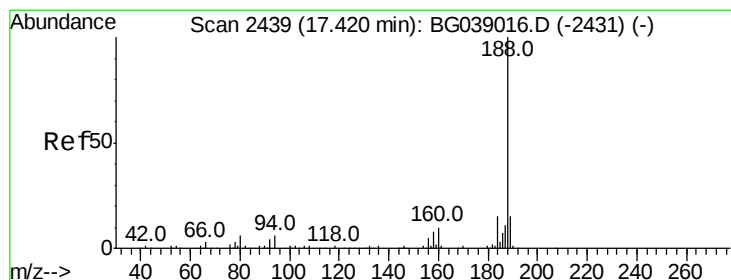
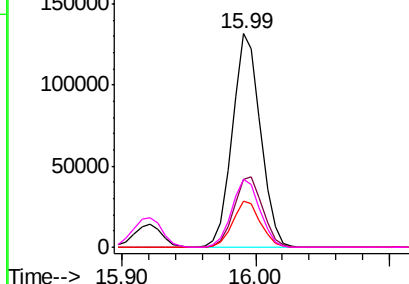
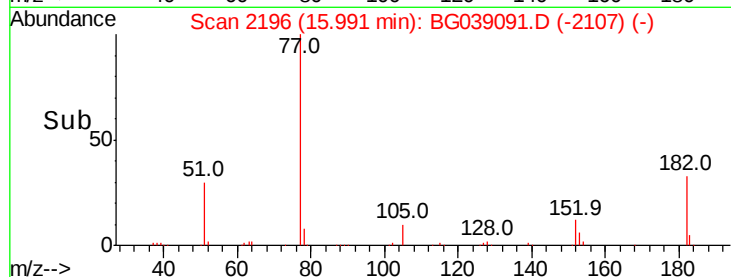
#63
Azobenzene
Concen: 38.134 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	192731
Ion	Ratio	Lower	Upper
77	100		
182	31.5	12.2	52.2
105	21.3	1.2	41.2
51	31.8	13.4	53.4

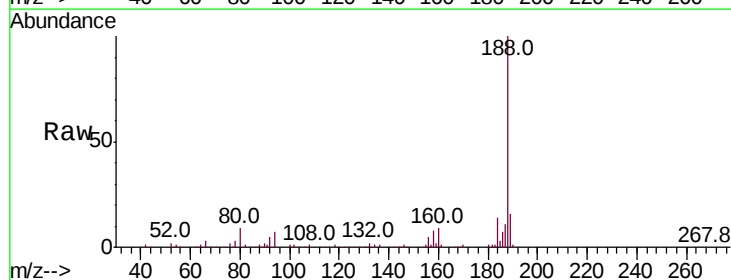


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

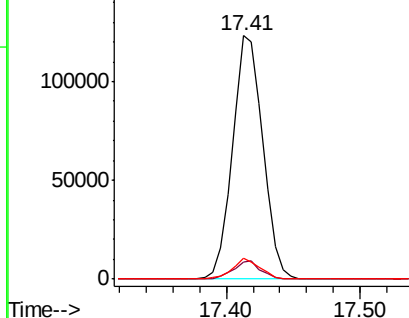
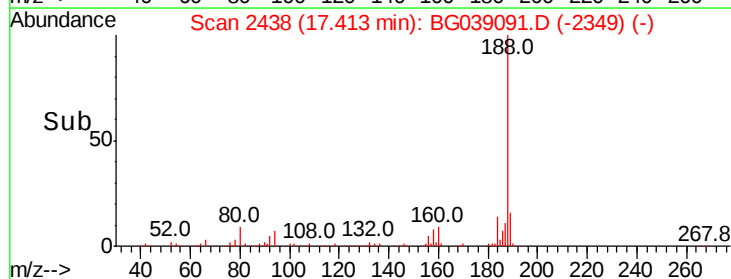


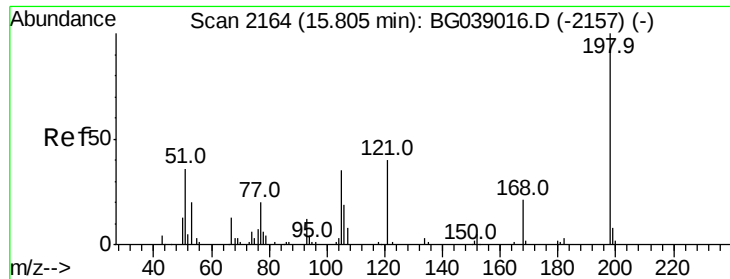
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion:	188	Resp:	193903
Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.0	7.4
80	8.6	4.7	7.1#



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

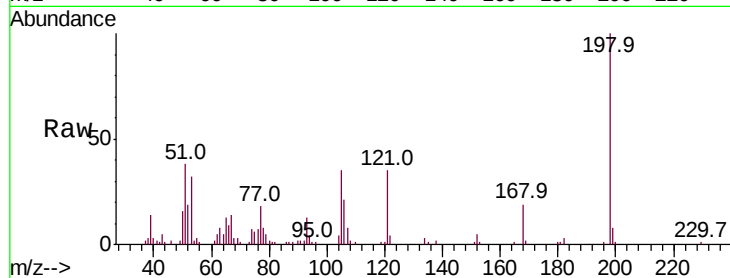




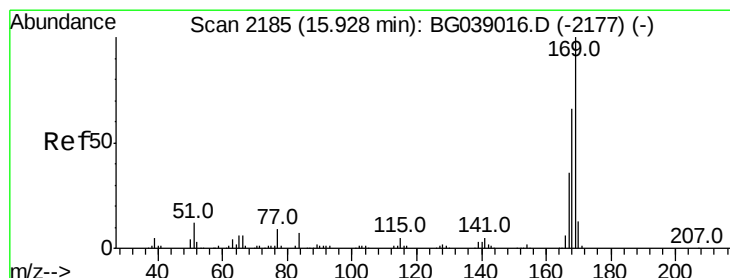
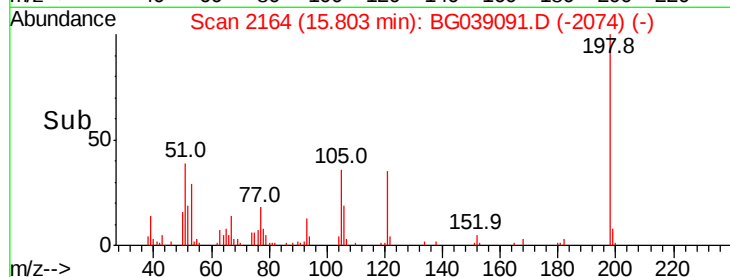
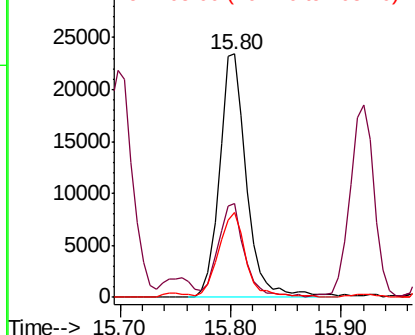
#65
4,6-Dinitro-2-methylphenol
Concen: 27.841 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.4	20.8	60.8
105	35.1	16.1	56.1

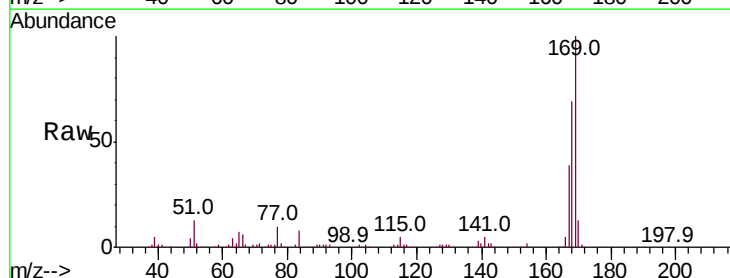


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

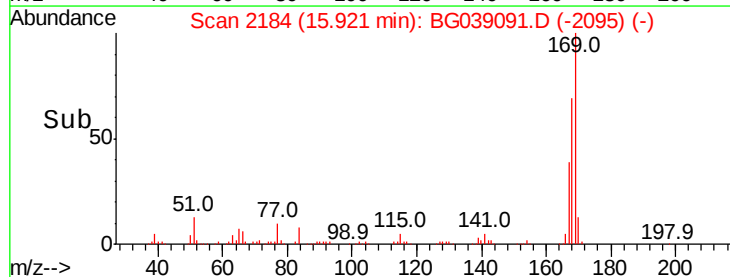
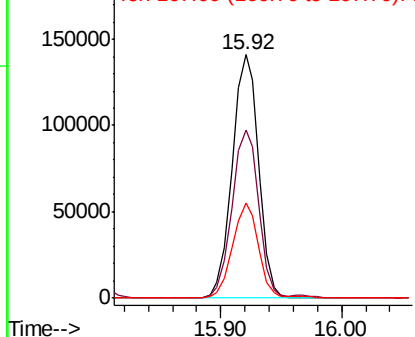


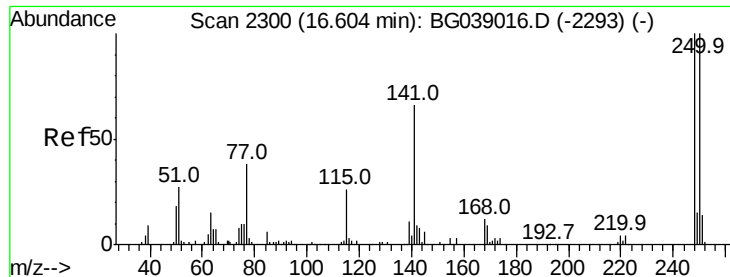
#66
n-Nitrosodiphenylamine
Concen: 37.230 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.3	53.2	79.8
167	38.9	29.1	43.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

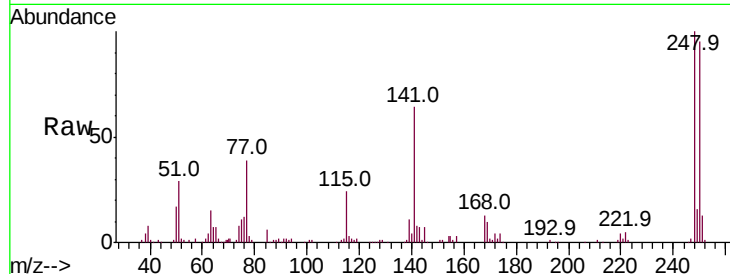




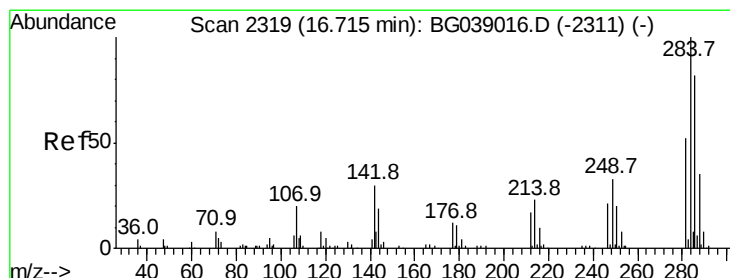
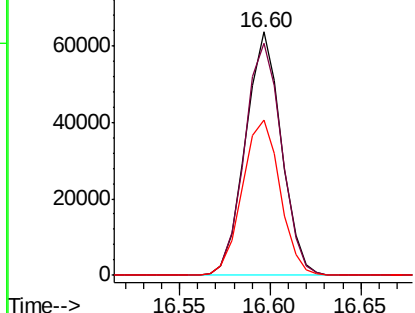
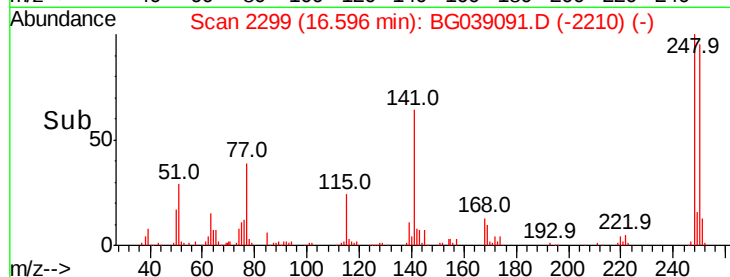
#67
 4-Bromophenyl-phenylether
 Concen: 35.242 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 87842
 Ion Ratio Lower Upper
 248 100
 250 95.3 79.9 119.9
 141 63.7 52.7 79.1

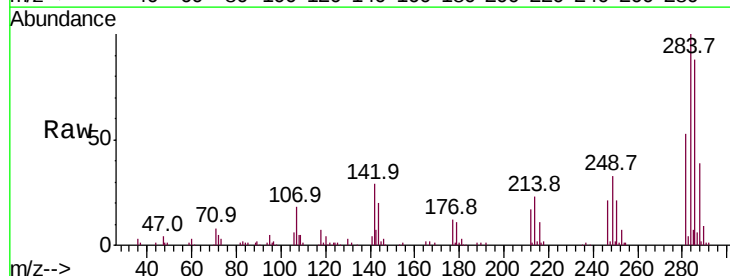


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

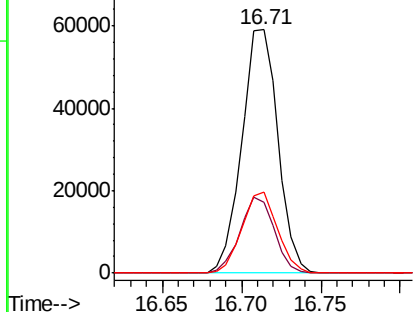
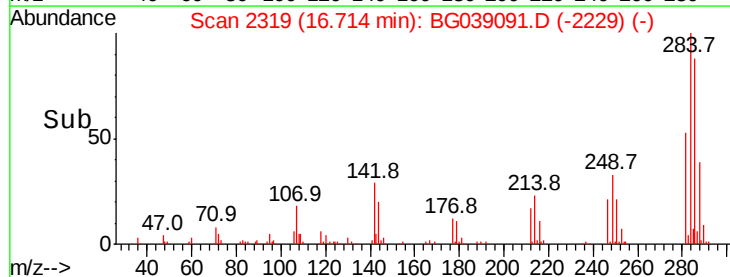


#68
 Hexachlorobenzene
 Concen: 34.400 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Tgt Ion:284 Resp: 93562
 Ion Ratio Lower Upper
 284 100
 142 29.3 24.3 36.5
 249 35.7 27.8 41.8



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

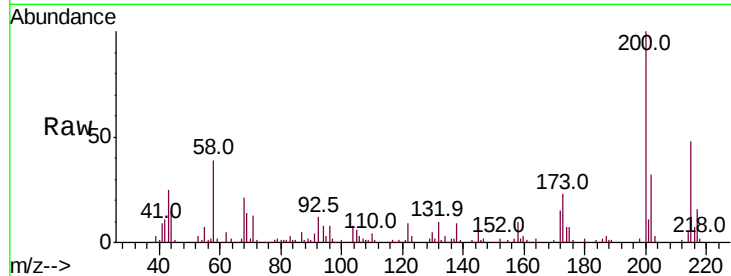




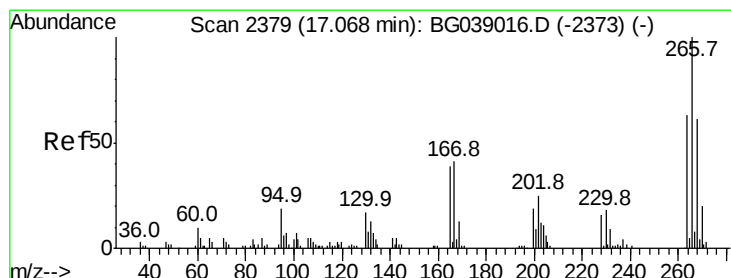
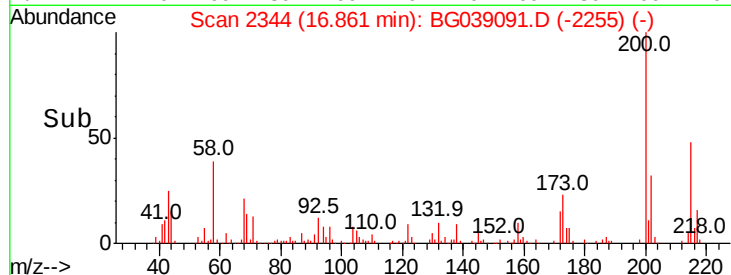
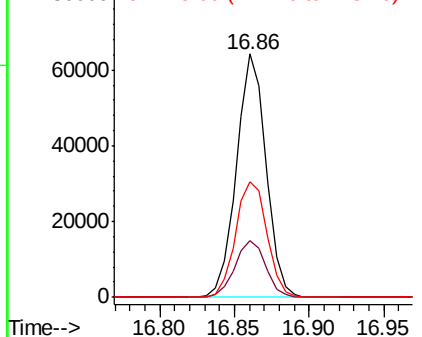
#69
Atrazine
Concen: 36.190 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 88375
Ion Ratio Lower Upper
200 100
173 23.1 2.6 42.6
215 47.8 28.0 68.0

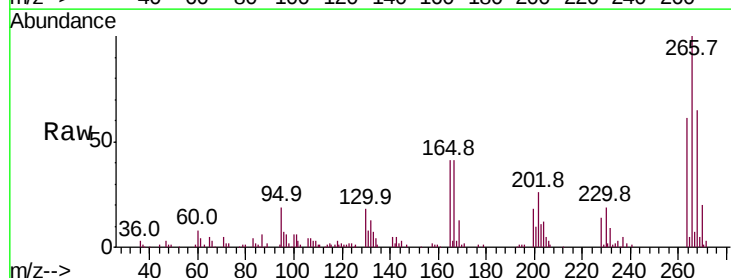


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

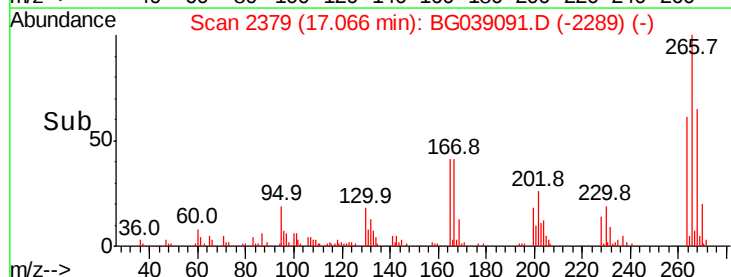
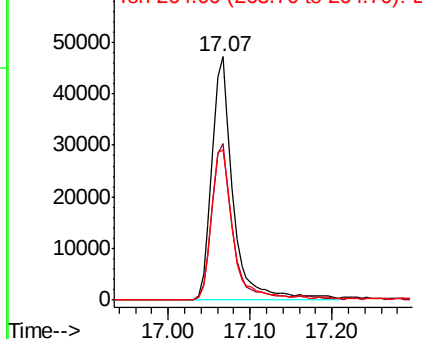


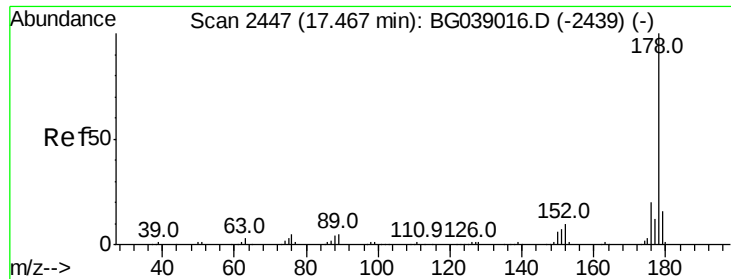
#70
Pentachlorophenol
Concen: 53.376 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion:266 Resp: 86199
Ion Ratio Lower Upper
266 100
268 69.4 52.0 78.0
264 66.7 54.6 81.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

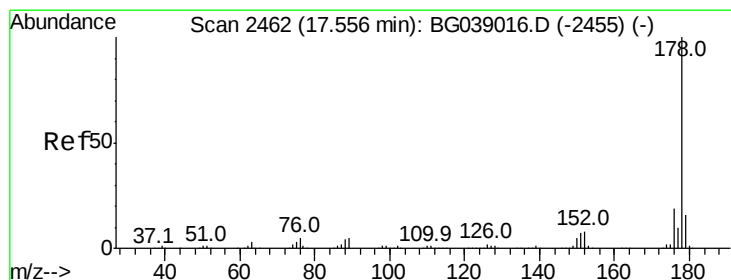
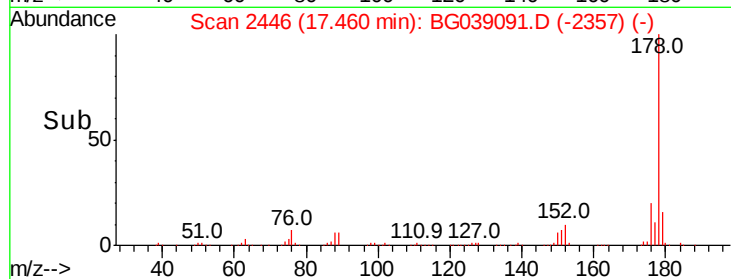
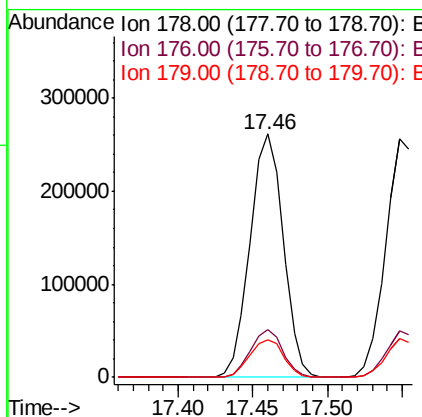
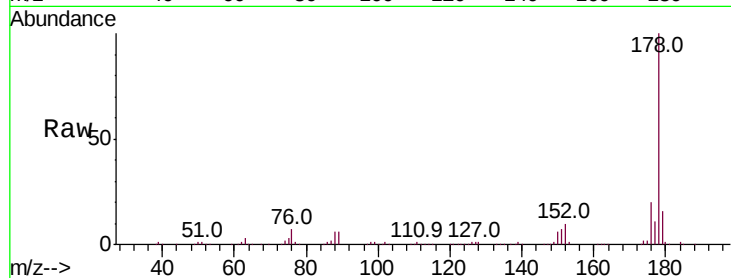




#71
 Phenanthrene
 Concen: 39.220 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

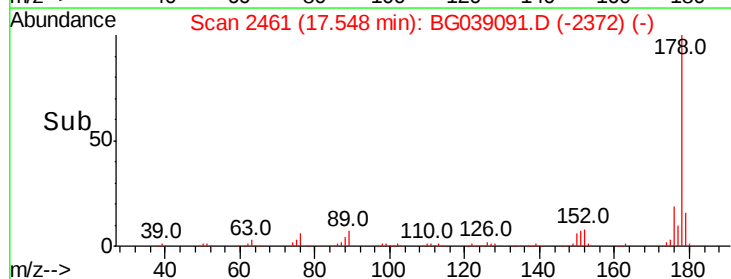
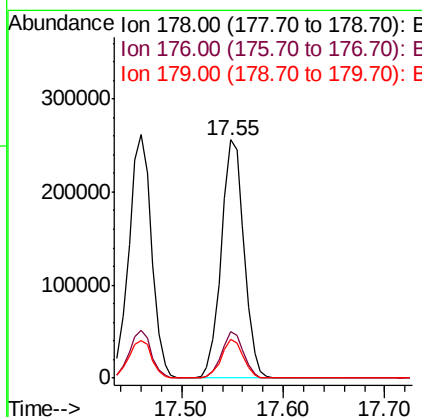
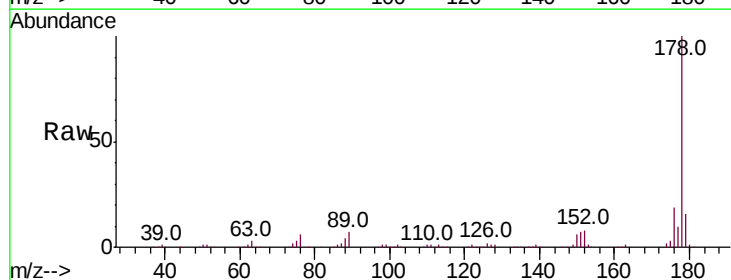
Instrument :
 BNA_G
 ClientSampleId :

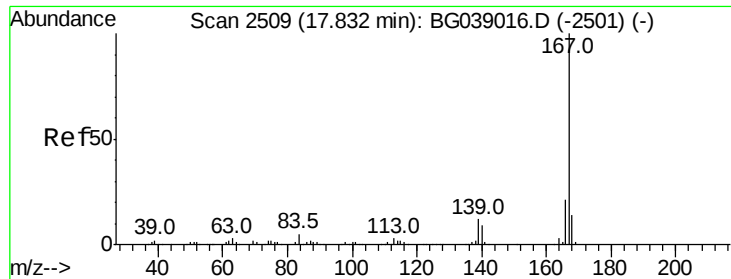
Tot Ion:178 Resp: 401967
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 15.6 12.9 19.3



#72
 Anthracene
 Concen: 39.358 ng
 RT: 17.55 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Tgt Ion:178 Resp: 398838
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.9 22.3
 179 16.2 13.0 19.4

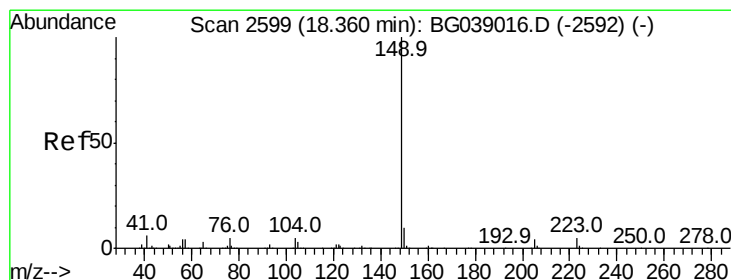
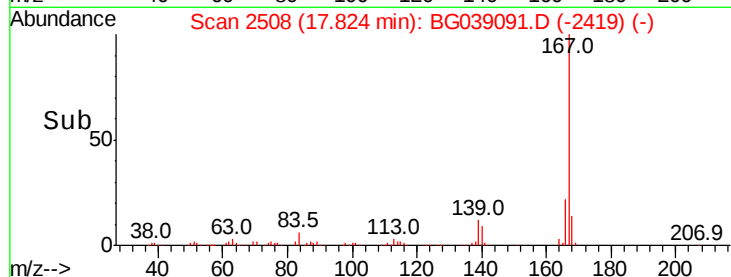
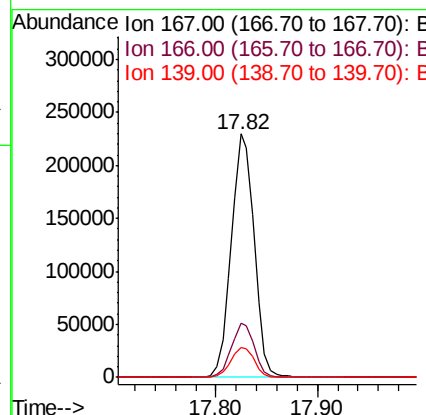
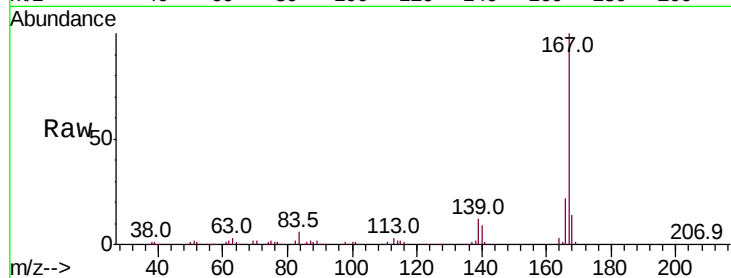




#73
 Carbazole
 Concen: 35.947 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

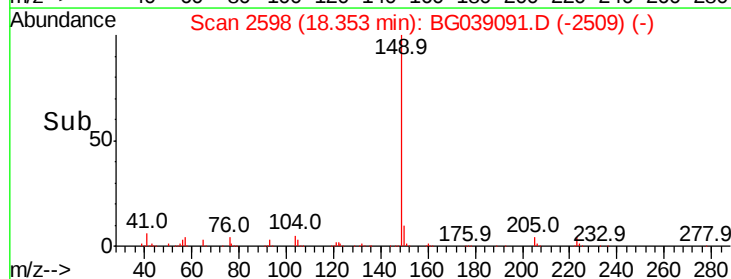
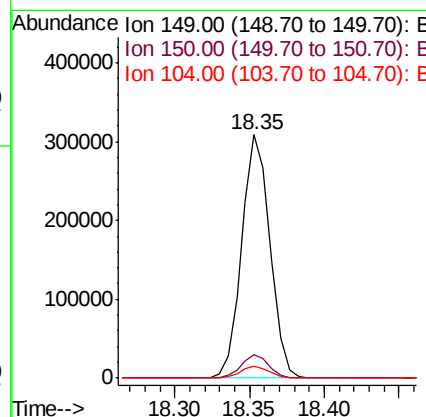
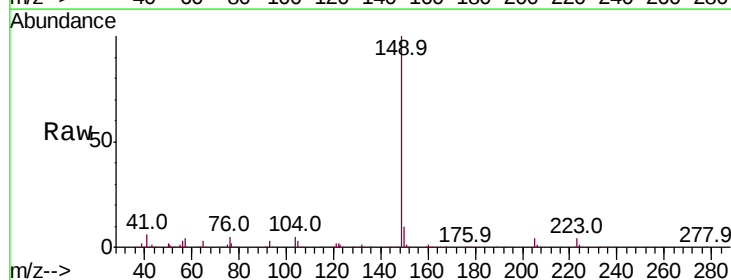
Instrument :
 BNA_G
 ClientSampleId :

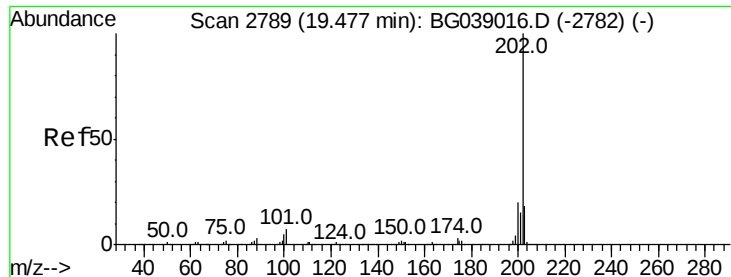
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.9	25.3
139	12.4	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 36.386 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 38.179 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Instrument :

BNA_G

ClientSampleId :

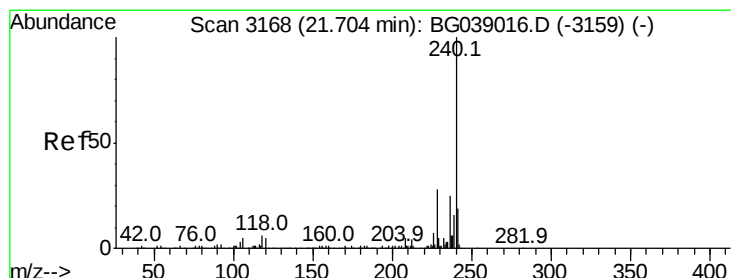
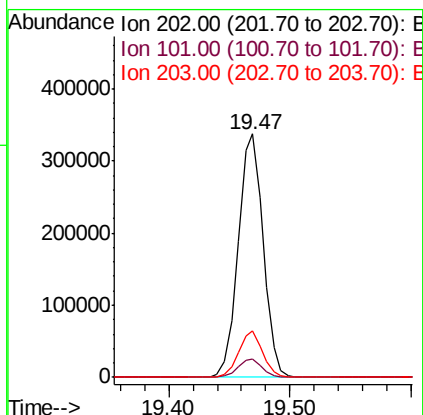
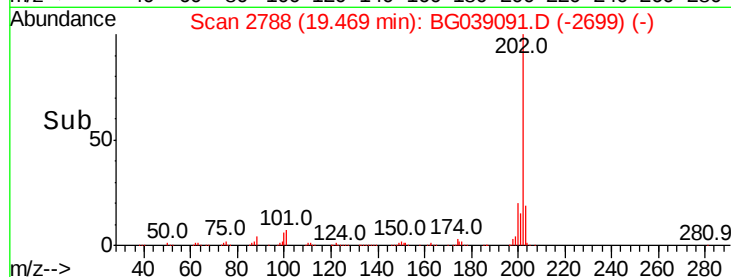
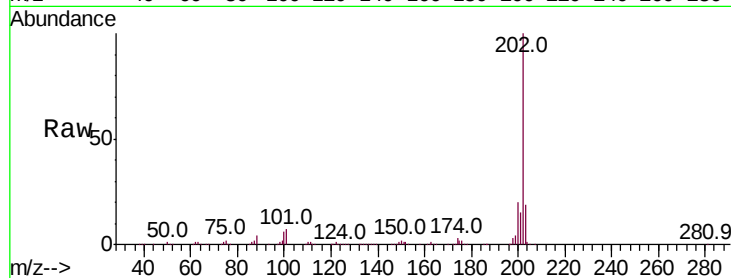
Tot Ion:202 Resp: 485091

Ion Ratio Lower Upper

202 100

101 7.3 0.0 26.9

203 18.9 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

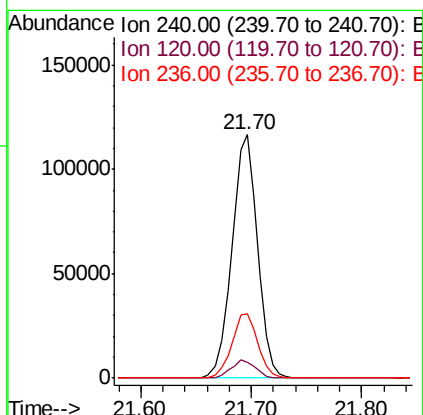
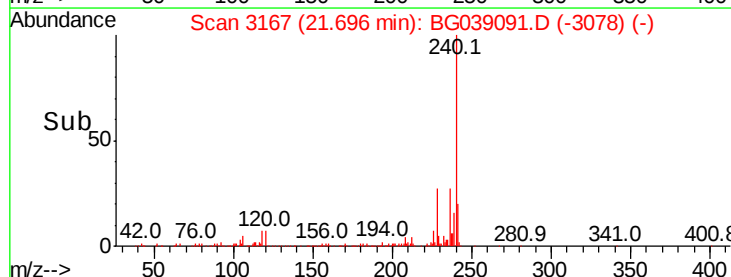
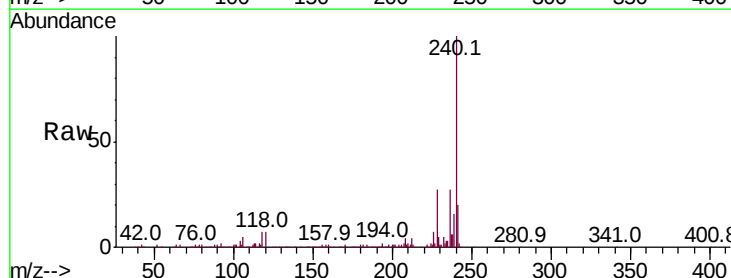
Tgt Ion:240 Resp: 188848

Ion Ratio Lower Upper

240 100

120 6.7 4.3 6.5#

236 26.7 20.1 30.1





#77

Benzidine

Concen: 32.896 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Instrument :

BNA_G

ClientSampleId :

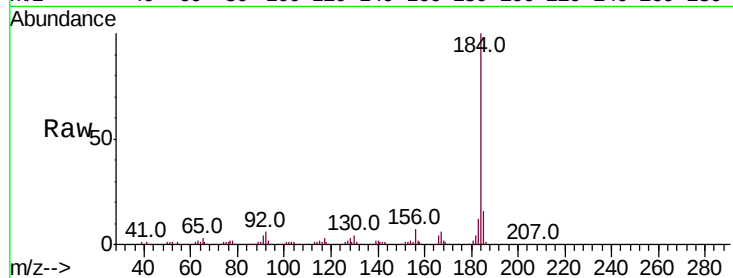
Tot Ion:184 Resp: 190010

Ion Ratio Lower Upper

184 100

185 15.7 12.1 18.1

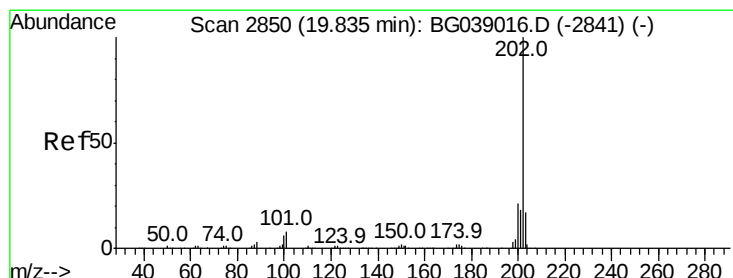
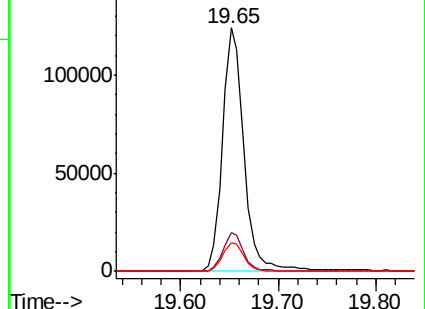
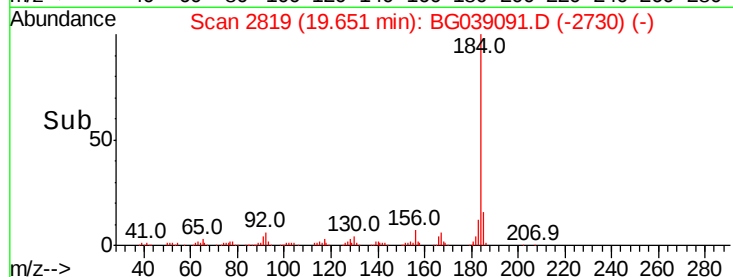
183 11.6 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.251 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

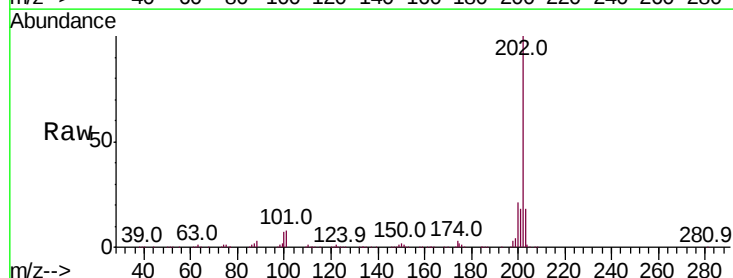
Tgt Ion:202 Resp: 496458

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

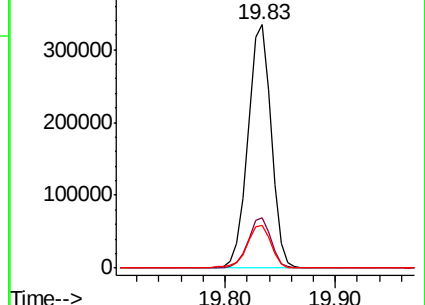
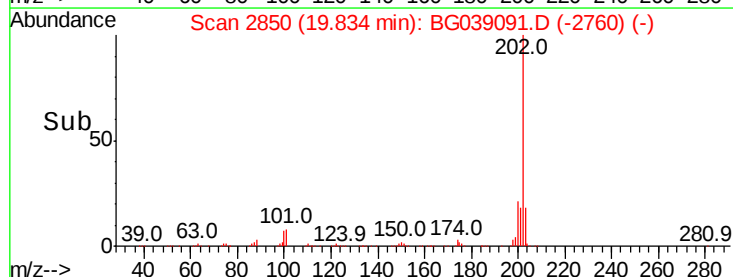
203 17.6 14.0 21.0

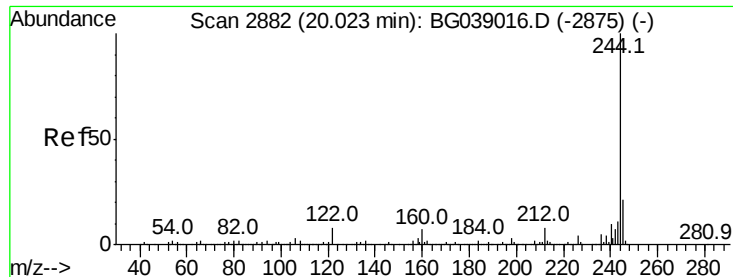


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.524 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Instrument :

BNA_G

ClientSampleId :

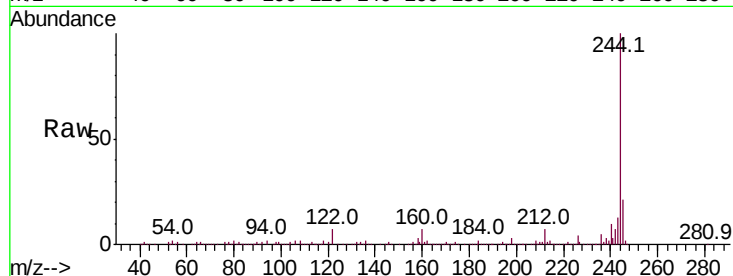
Tot Ion:244 Resp: 801623

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

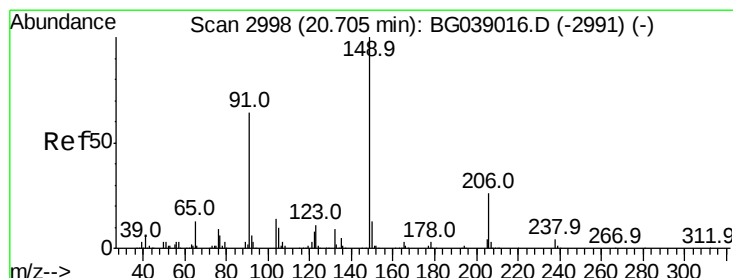
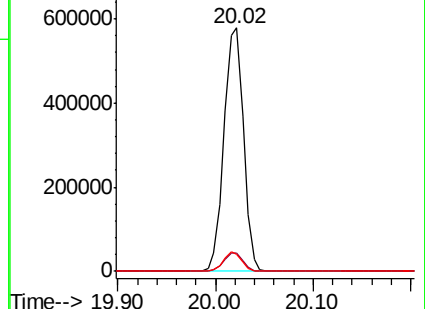
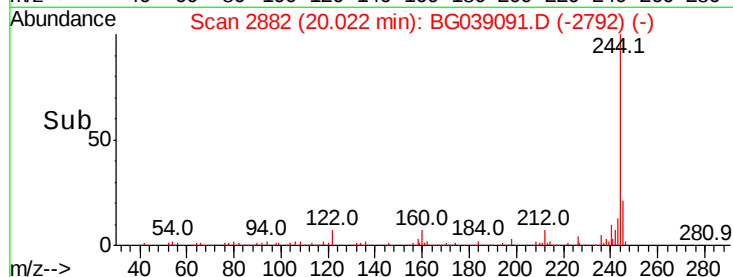
122 7.2 6.1 9.1



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: 40.786 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

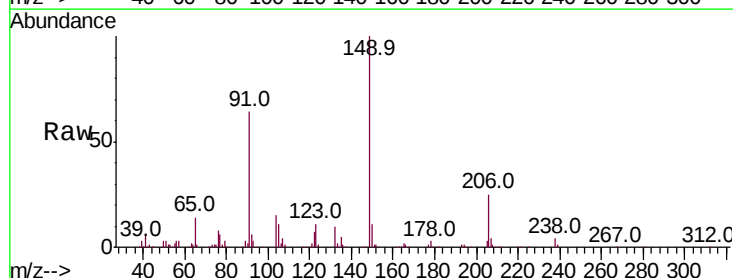
Tgt Ion:149 Resp: 186695

Ion Ratio Lower Upper

149 100

91 64.2 51.4 77.0

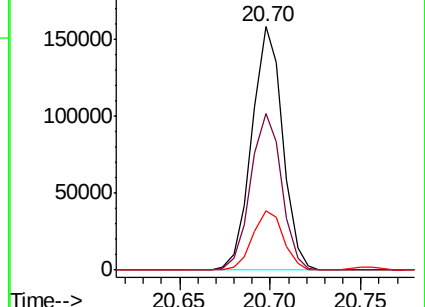
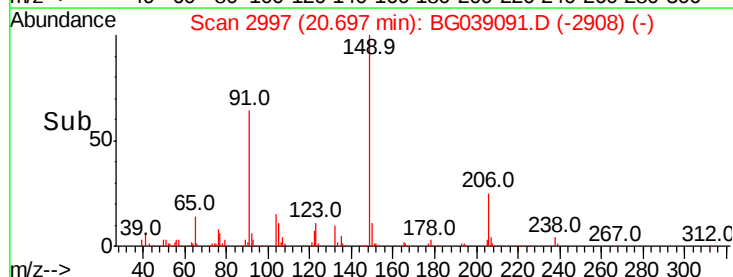
206 24.6 20.4 30.6

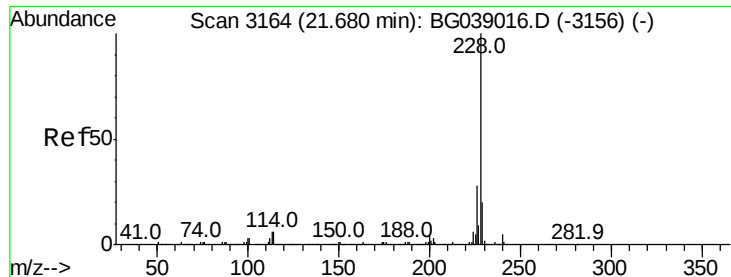


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.580 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Instrument :

BNA_G

ClientSampleId :

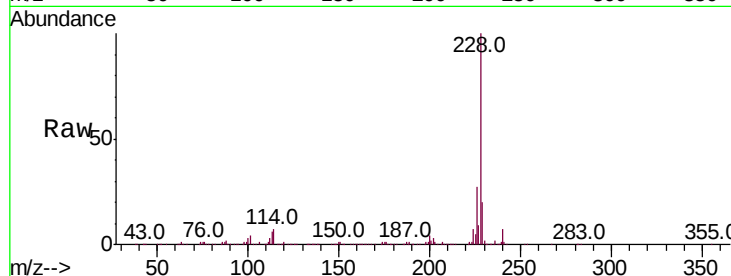
Tot Ion:228 Resp: 478012

Ion Ratio Lower Upper

228 100

226 27.4 22.4 33.6

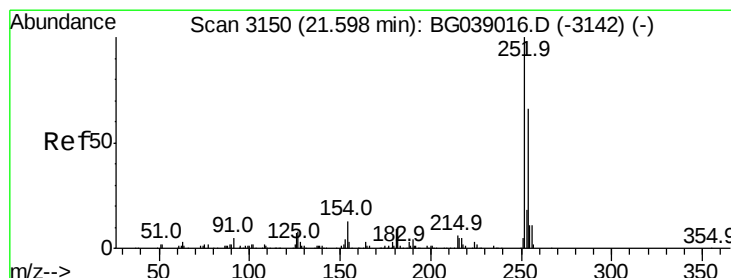
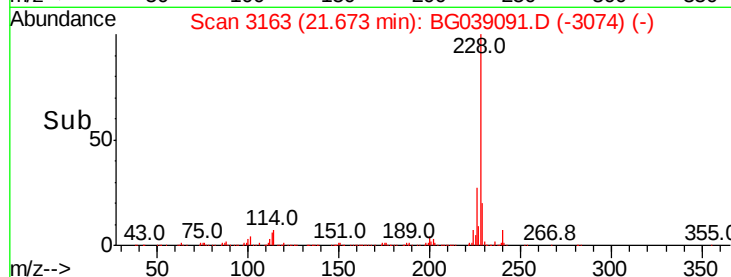
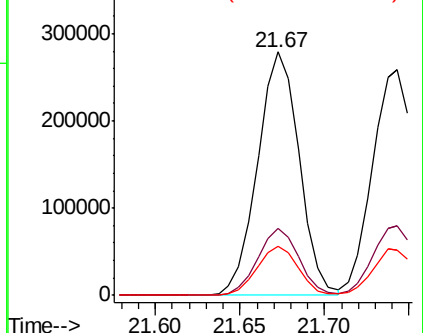
229 20.3 16.2 24.2



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: 24.088 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

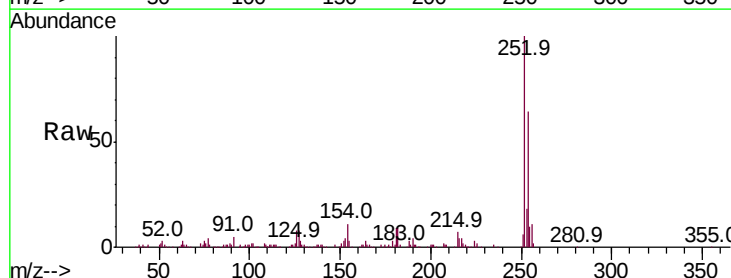
Tgt Ion:252 Resp: 112827

Ion Ratio Lower Upper

252 100

254 63.6 53.0 79.6

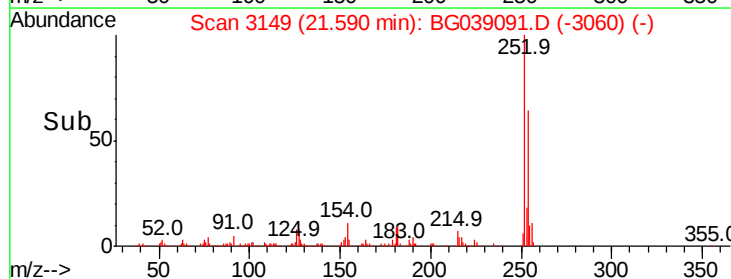
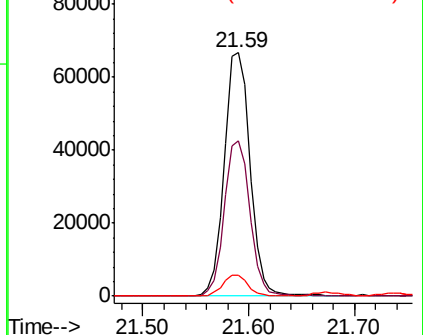
126 8.4 6.0 9.0

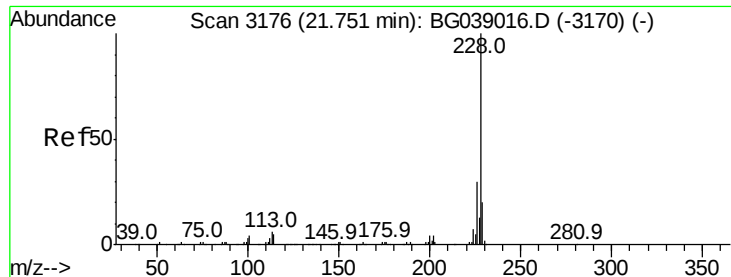


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.719 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

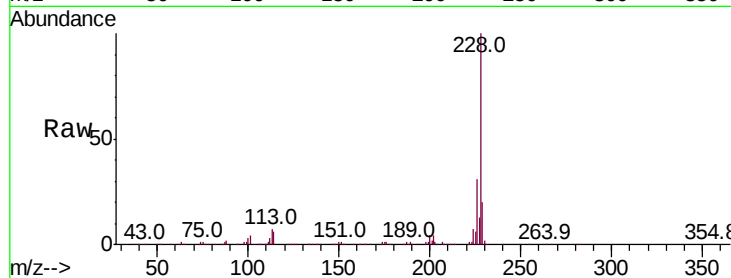
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 445213

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	19.9	16.0	24.0

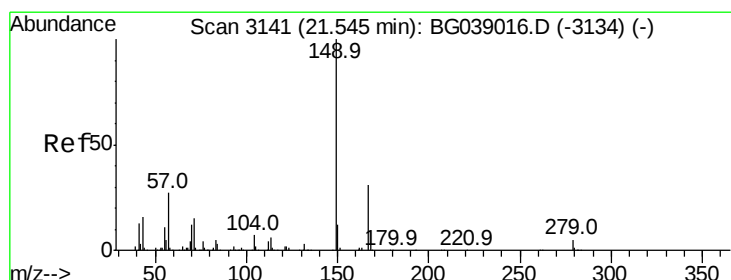
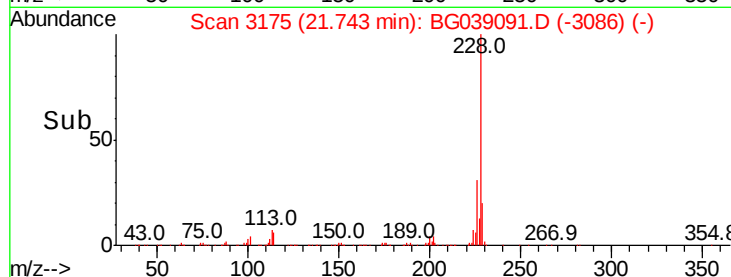
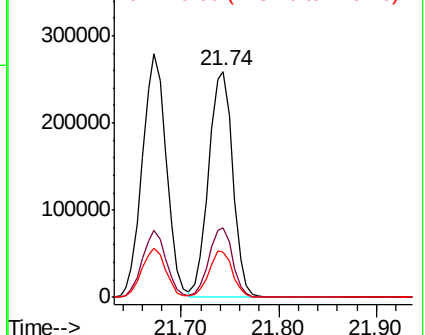


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.126 ng

RT: 21.54 min Scan# 3140

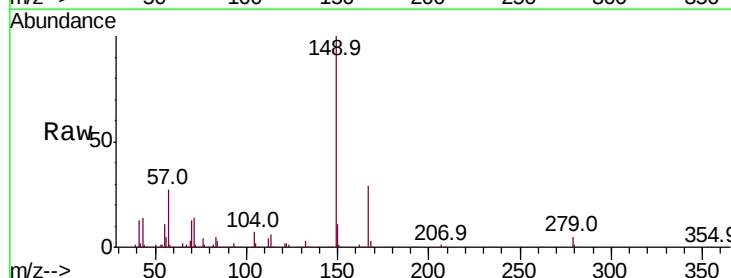
Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Tgt Ion:149 Resp: 261384

Ion	Ratio	Lower	Upper
149	100		
167	28.8	25.0	37.4
279	5.3	4.3	6.5

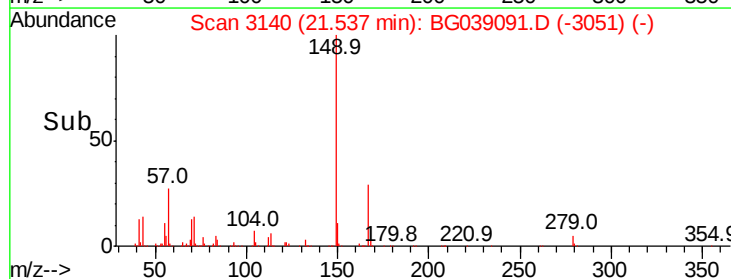
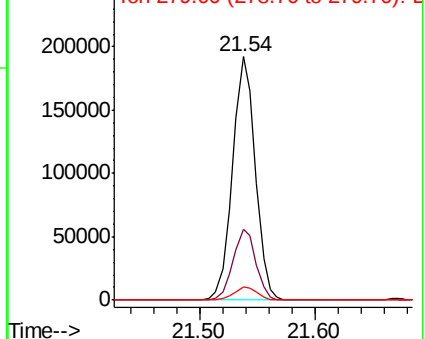


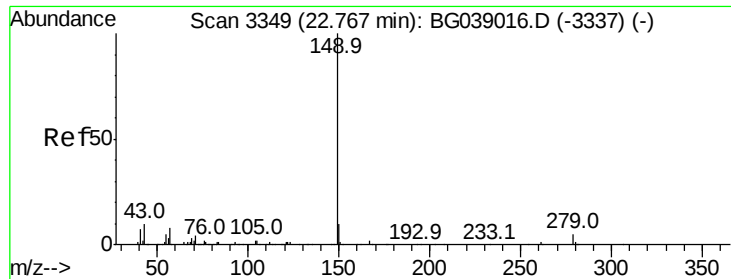
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.735 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Instrument :

BNA_G

ClientSampleId :

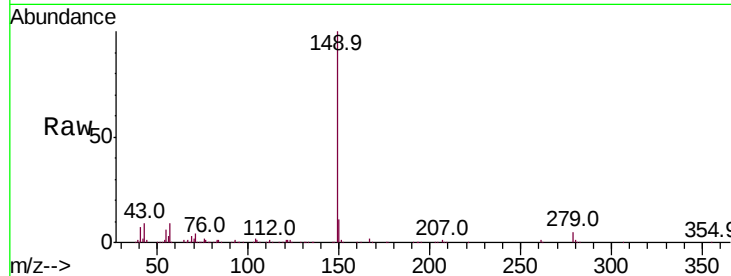
Tot Ion:149 Resp: 459269

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

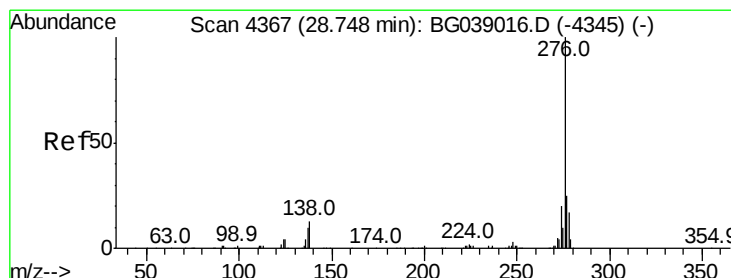
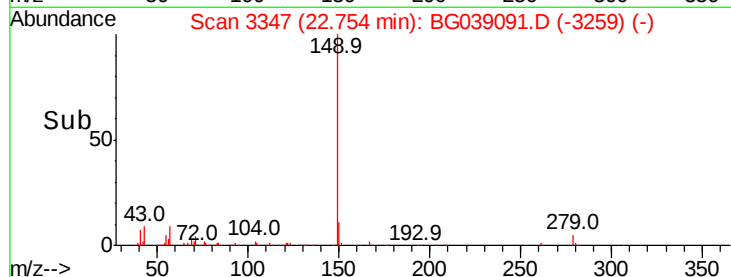
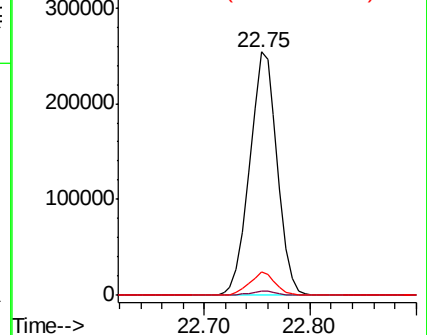
43 9.2 7.5 11.3



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: 40.759 ng

RT: 28.72 min Scan# 4363

Delta R.T. -0.03 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

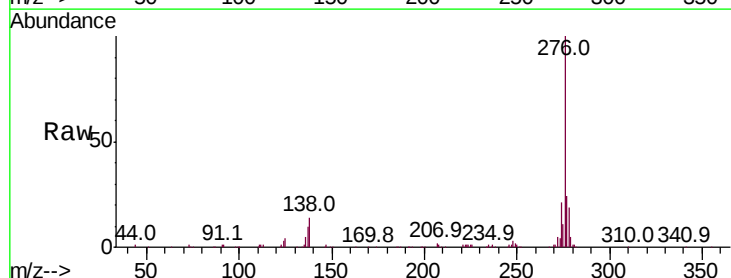
Tgt Ion:276 Resp: 532509

Ion Ratio Lower Upper

276 100

138 10.8 8.0 12.0

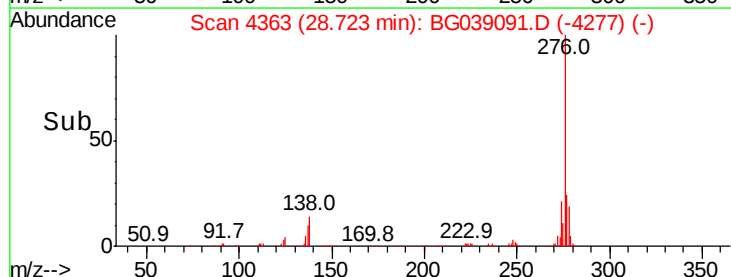
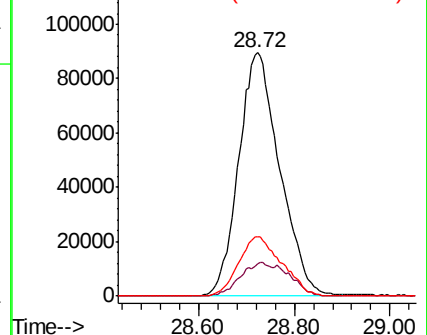
277 25.6 20.3 30.5

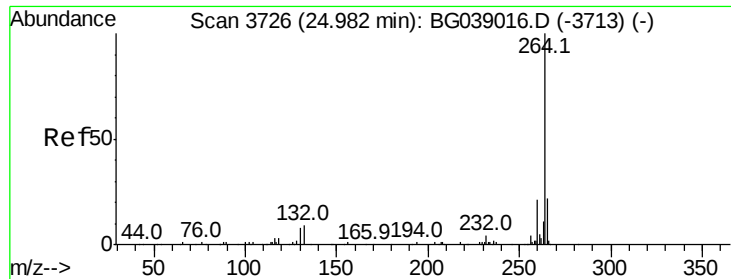


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

Instrument :

BNA_G

ClientSampleId :

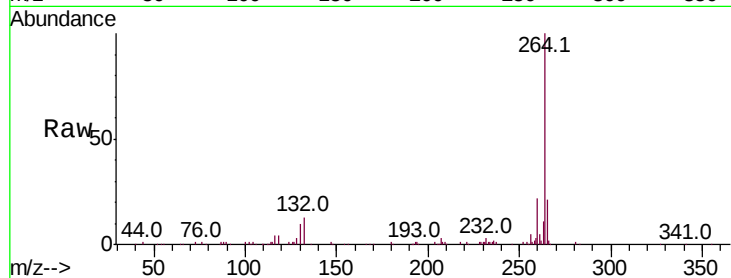
Tot Ion:264 Resp: 205923

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.0	25.6
265	21.4	17.2	25.8

264 100

260 22.3 17.0 25.6

265 21.4 17.2 25.8

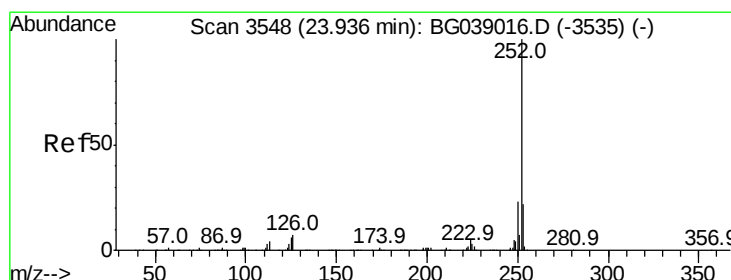
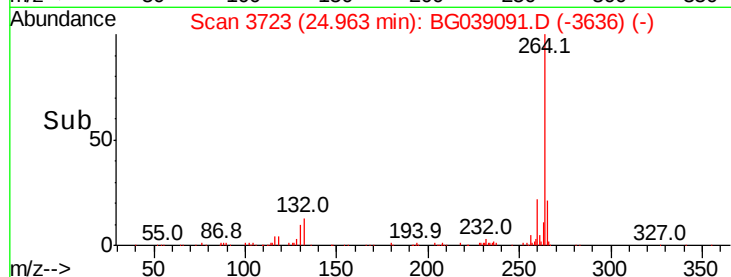
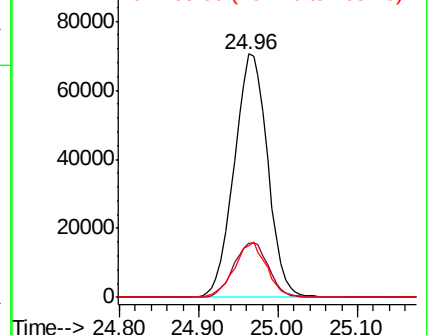


Abundance

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: 46.665 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG039091.D

Acq: 11 Jan 2019 18:48

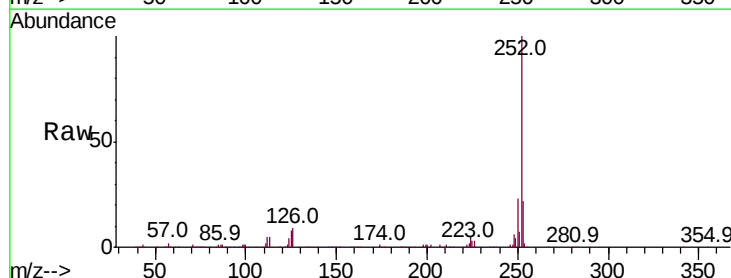
Tgt Ion:252 Resp: 529861

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	7.8	4.9	7.3#

252 100

253 22.3 17.8 26.6

125 7.8 4.9 7.3#

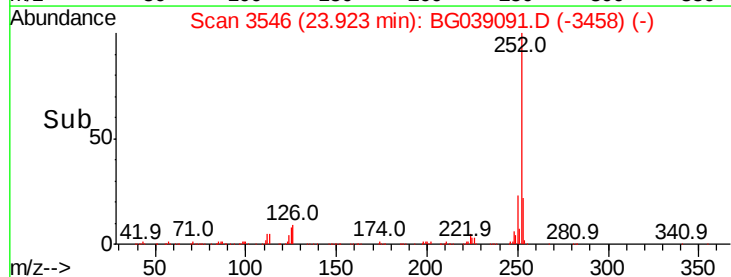
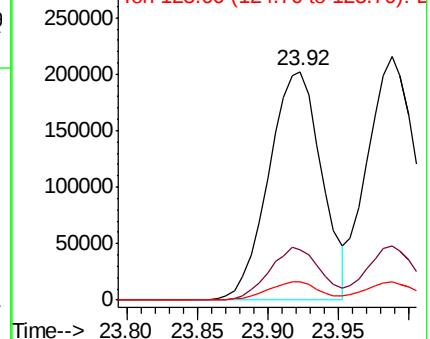


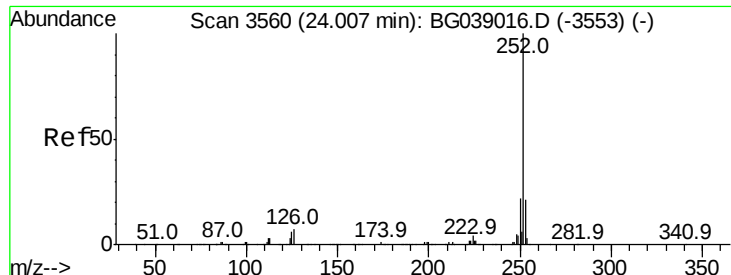
Abundance

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

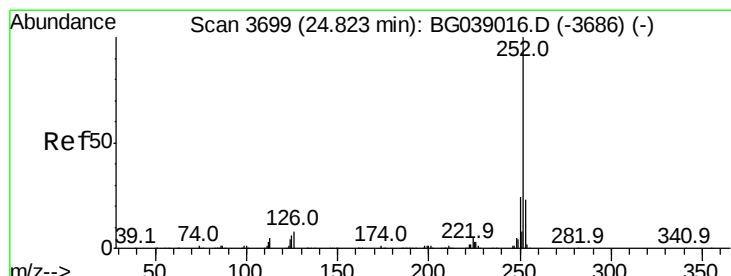
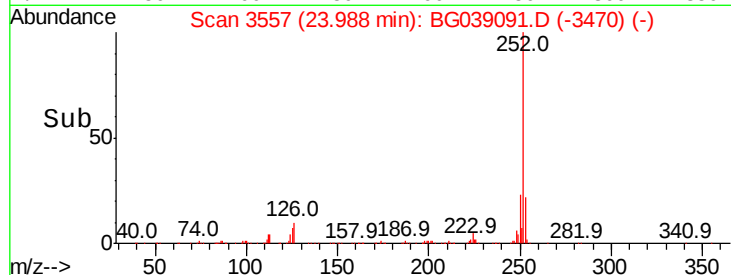
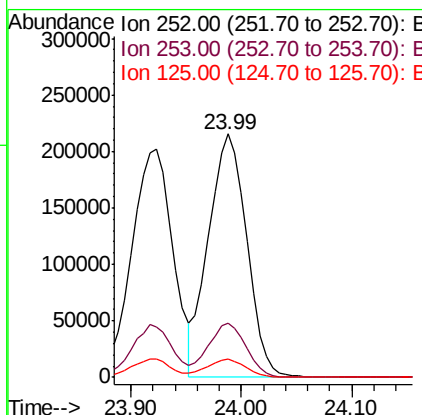
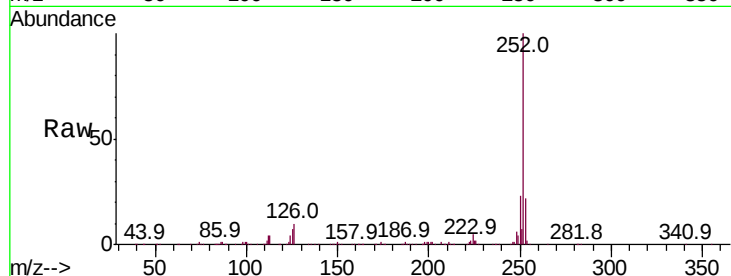




#89
Benzo(k)fluoranthene
Concen: 46.083 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.02 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

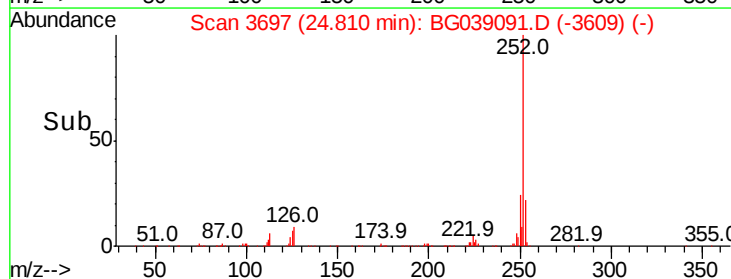
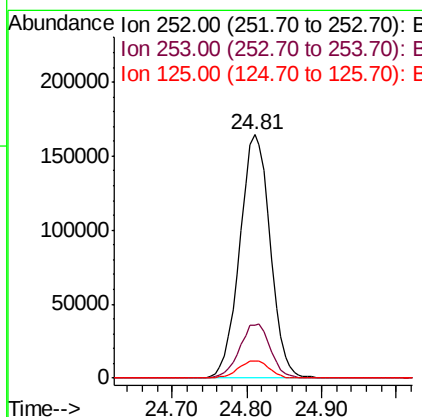
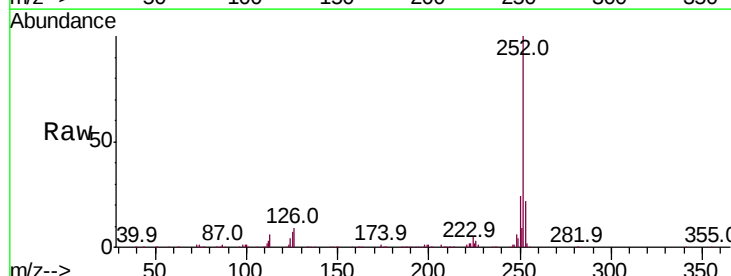
Instrument :
BNA_G
ClientSampleId :

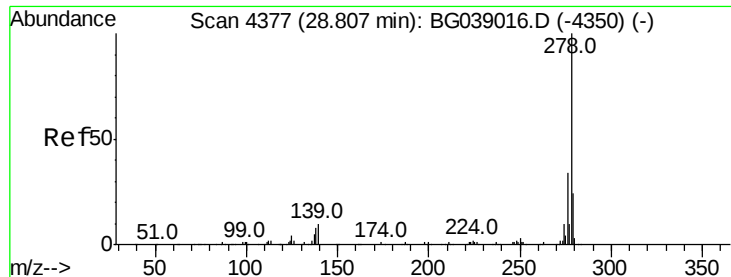
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	7.4	4.6	7.0



#90
Benzo(a)pyrene
Concen: 42.585 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG039091.D
Acq: 11 Jan 2019 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.3	27.5
125	7.2	4.9	7.3

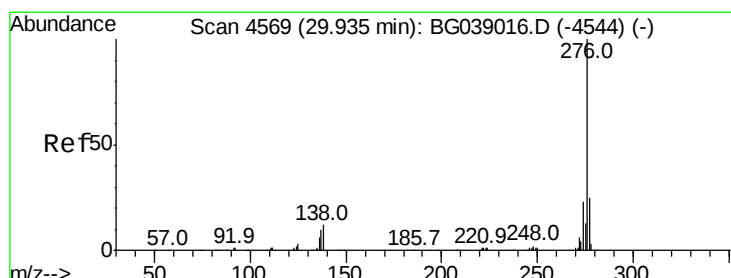
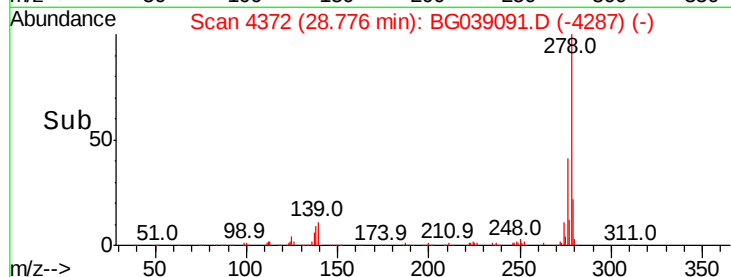
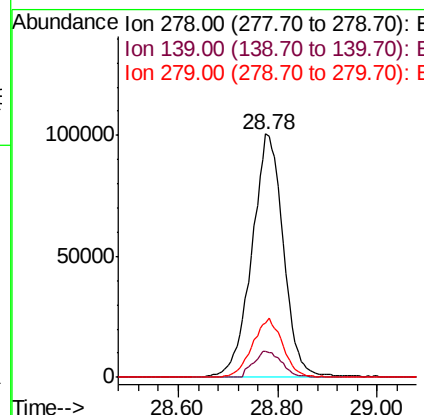
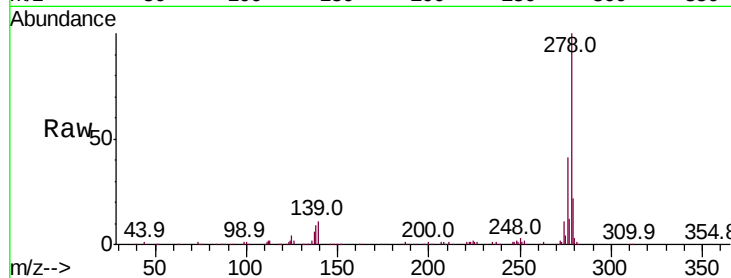




#91
 Dibenzo(a,h)anthracene
 Concen: 40.500 ng
 RT: 28.78 min Scan# 4372
 Delta R.T. -0.03 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.8	7.9	11.9
279	22.1	19.3	28.9



#92
 Benzo(g,h,i)perylene
 Concen: 41.411 ng
 RT: 29.90 min Scan# 4564
 Delta R.T. -0.03 min
 Lab File: BG039091.D
 Acq: 11 Jan 2019 18:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.3	30.5
138	14.4	9.4	14.2#

