

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039189.D
 Acq On : 17 Jan 2019 16:43
 Operator : JU/SJ
 Sample : PB116414BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

Quant Time: Jan 18 04:11:55 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	8.01	152	20278	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	78662	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	55270	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	140430	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	166378	20.00	ng	-0.02
87) Perylene-d12	24.94	264	178286	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	149118	139.50	ng	-0.01
7) Phenol-d6	7.18	99	205067	133.30	ng	-0.01
23) Nitrobenzene-d5	9.19	82	111419	77.51	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	114080	123.13	ng	-0.02
45) 2-Fluorobiphenyl	13.27	172	336734	83.38	ng	-0.02
79) Terphenyl-d14	20.01	244	737070	81.95	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	26338	62.918	ng	94
3) Pyridine	3.85	79	41424	36.418	ng	97
4) n-Nitrosodimethylamine	3.77	42	24803	48.458	ng	96
6) Aniline	7.34	93	55039	29.790	ng	99
8) 2-Chlorophenol	7.58	128	53036	42.089	ng	99
9) Benzaldehyde	7.16	77	15511	17.484	ng	96
10) Phenol	7.20	94	68050	44.121	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	45219	38.360	ng	97
12) 1,3-Dichlorobenzene	7.90	146	58994	39.076	ng	99
13) 1,4-Dichlorobenzene	8.05	146	60894	39.826	ng	98
14) 1,2-Dichlorobenzene	8.37	146	57677	39.563	ng	97
15) Benzyl Alcohol	8.26	79	47264	40.797	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	90173	39.893	ng	98
17) 2-Methylphenol	8.46	107	44549	41.597	ng	95
18) Hexachloroethane	9.09	117	21175	40.764	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	38168	37.782	ng	97
20) 3+4-Methylphenols	8.79	107	66372	43.468	ng	94
22) Acetophenone	8.85	105	77219	37.590	ng	# 98
24) Nitrobenzene	9.23	77	58206	40.058	ng	96
25) Isophorone	9.75	82	106301	42.928	ng	100
26) 2-Nitrophenol	9.95	139	31581	40.183	ng	96
27) 2,4-Dimethylphenol	9.99	122	52520	47.499	ng	90
28) bis(2-Chloroethoxy)methane	10.23	93	64551	43.374	ng	99
29) 2,4-Dichlorophenol	10.48	162	62664	45.618	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	67560	40.933	ng	93
31) Naphthalene	10.88	128	164656	41.735	ng	99
32) Benzoic acid	10.16	122	11610	23.160	ng	90
33) 4-Chloroaniline	11.00	127	32706	18.527	ng	98
34) Hexachlorobutadiene	11.14	225	45956	40.466	ng	98
35) Caprolactam	11.78	113	9935	18.036	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	59323	40.378	ng	85
37) 2-Methylnaphthalene	12.48	142	134387	45.433	ng	99
38) 1-Methylnaphthalene	12.71	142	118626	41.783	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	85345	41.116	ng	99

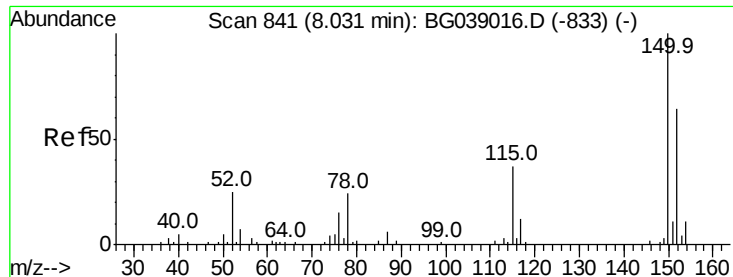
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	99710	84.912	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	51730	39.597	nq	95
44) 2,4,5-Trichlorophenol	13.17	196	57356	41.540	nq	99
46) 1,1'-Biphenyl	13.49	154	165641	37.822	nq	97
47) 2-Chloronaphthalene	13.54	162	131731	37.170	nq	98
48) 2-Nitroaniline	13.75	65	38191	38.466	nq	95
49) Acenaphthylene	14.38	152	222170	41.708	nq	99
50) Dimethylphthalate	14.11	163	194222	41.584	nq	98
51) 2,6-Dinitrotoluene	14.24	165	43395	41.557	nq	98
52) Acenaphthene	14.72	154	125636	39.255	nq	94
53) 3-Nitroaniline	14.58	138	25578	24.146	nq	94
54) 2,4-Dinitrophenol	14.79	184	46511	74.870	nq	96
55) Dibenzofuran	15.05	168	219798	38.885	nq	99
56) 4-Nitrophenol	14.89	139	65592	86.058	nq	97
57) 2,4-Dinitrotoluene	15.03	165	59766	39.894	nq	96
58) Fluorene	15.70	166	179899	42.282	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	56471	43.326	nq	# 98
60) Diethylphthalate	15.46	149	186747	38.808	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	101043	37.696	nq	96
62) 4-Nitroaniline	15.74	138	45822	41.524	nq	96
63) Azobenzene	15.98	77	145800	38.744	nq	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	39156	37.636	nq	98
66) n-Nitrosodiphenylamine	15.91	169	162272	38.979	nq	96
67) 4-Bromophenyl-phenylether	16.59	248	68300	37.836	nq	96
68) Hexachlorobenzene	16.70	284	74584	37.864	nq	98
69) Atrazine	16.85	200	76208	43.091	nq	96
70) Pentachlorophenol	17.06	266	79035	66.033	nq	95
71) Phenanthrene	17.45	178	316696	42.666	nq	100
72) Anthracene	17.54	178	331125	45.118	nq	100
73) Carbazole	17.81	167	302753	41.788	nq	99
74) Di-n-butylphthalate	18.34	149	364475	45.221	nq	99
75) Fluoranthene	19.46	202	439160	47.725	nq	99
77) Benzidine	19.65	184	157814	31.012	nq	100
78) Pyrene	19.82	202	434843	41.011	nq	99
80) Butylbenzylphthalate	20.69	149	165373	41.008	nq	96
81) Benzo(a)anthracene	21.66	228	425758	42.037	nq	99
82) 3,3'-Dichlorobenzidine	21.57	252	101828	24.675	nq	97
83) Chrysene	21.73	228	406380	42.187	nq	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	244157	43.603	nq	97
85) Di-n-octyl phthalate	22.74	149	396234	41.849	nq	99
86) Indeno(1,2,3-cd)pyrene	28.69	276	495005	43.005	nq	# 96
88) Benzo(b)fluoranthene	23.90	252	449995	45.775	nq	99
89) Benzo(k)fluoranthene	23.97	252	424502	43.674	nq	98
90) Benzo(a)pyrene	24.79	252	429399	45.190	nq	98
91) Dibenzo(a,h)anthracene	28.75	278	418736	44.304	nq	97
92) Benzo(g,h,i)perylene	29.87	276	409010	43.712	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.02 min

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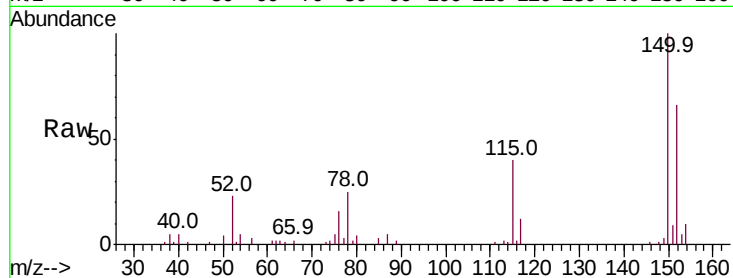
Tot Ion:152 Resp: 20278

Ion Ratio Lower Upper

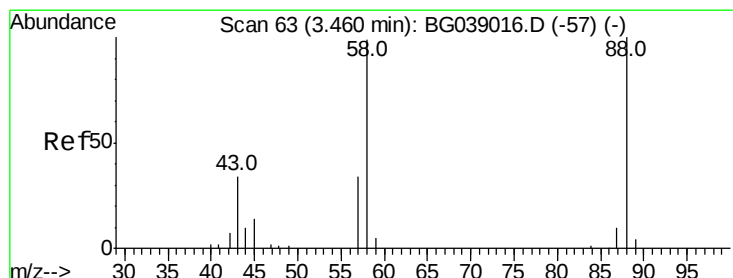
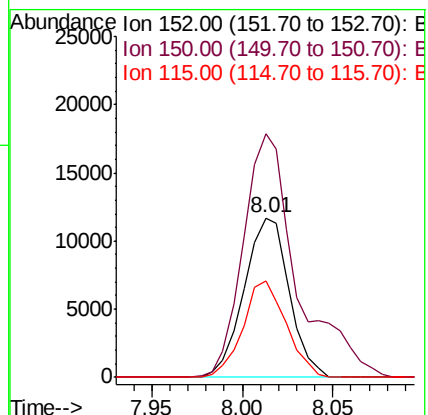
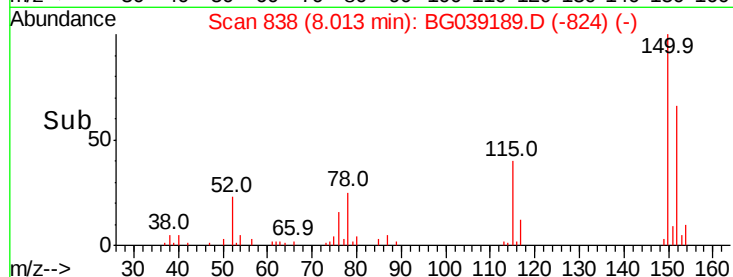
152 100

150 152.4 124.7 187.1

115 60.3 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



#2

1,4-Dioxane

Concen: 62.918 ng

RT: 3.44 min Scan# 60

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

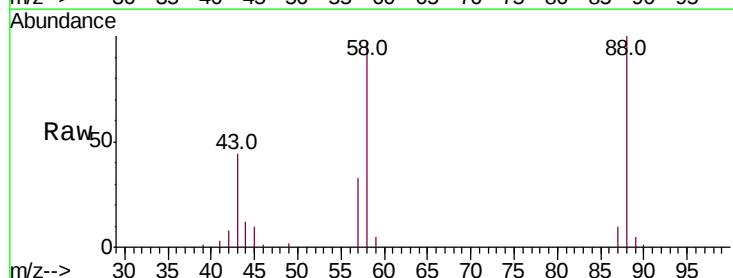
Tgt Ion: 88 Resp: 26338

Ion Ratio Lower Upper

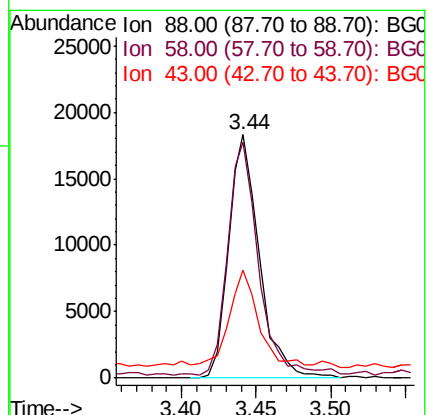
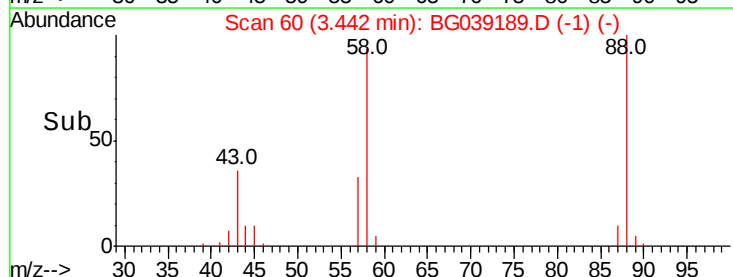
88 100

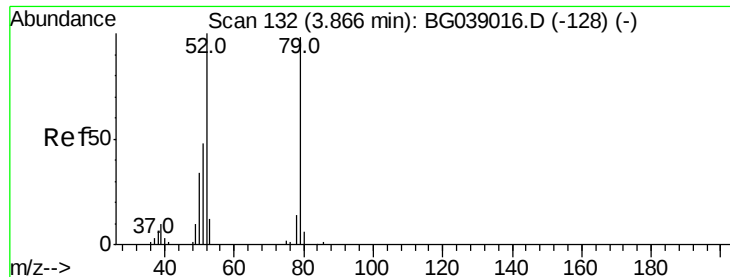
58 94.9 72.4 108.6

43 39.8 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: 36.418 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

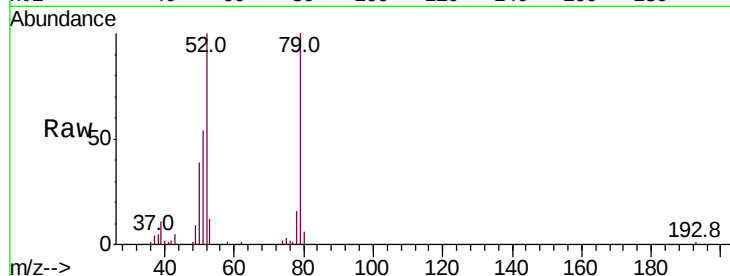
Tot Ion: 79 Resp: 41424

Ion Ratio Lower Upper

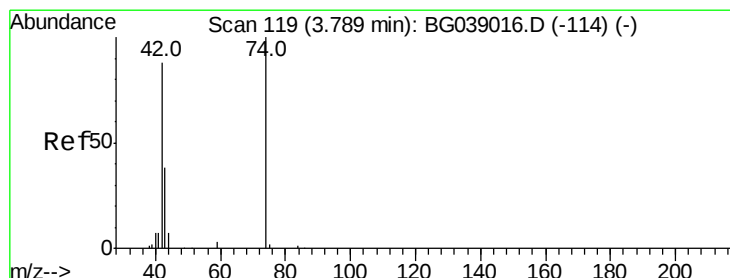
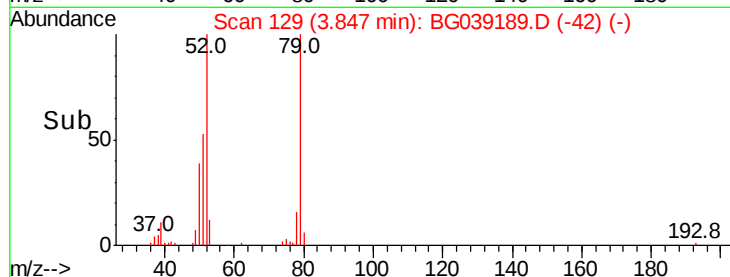
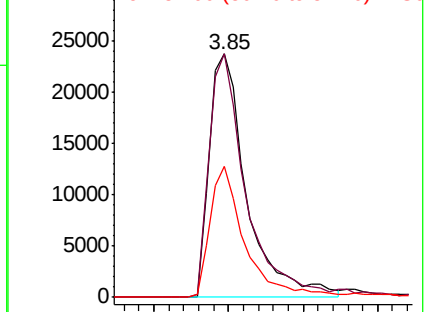
79 100

52 100.1 81.5 122.3

51 53.6 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 48.458 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

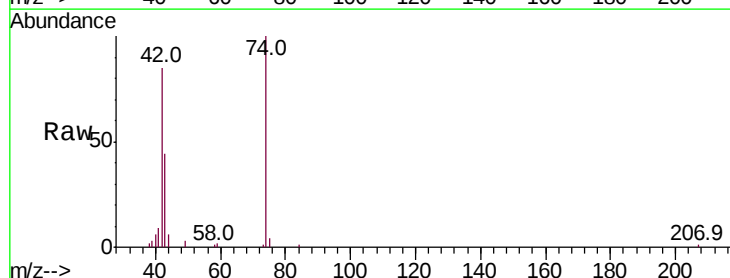
Tgt Ion: 42 Resp: 24803

Ion Ratio Lower Upper

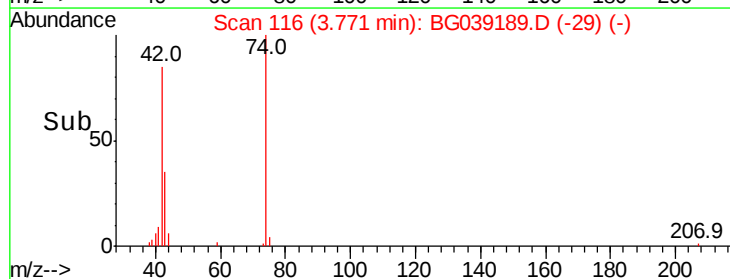
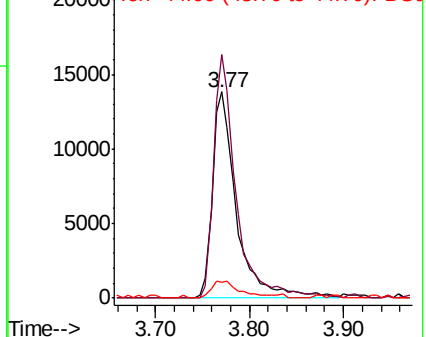
42 100

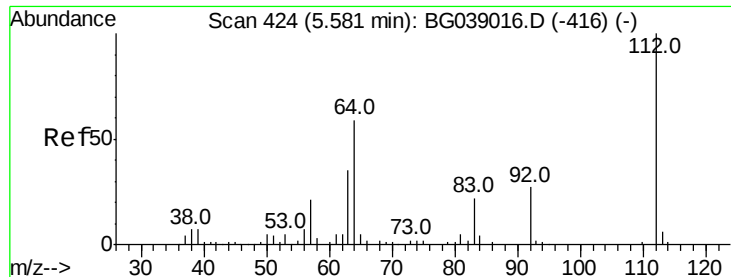
74 118.0 90.7 136.1

44 7.4 6.5 9.7



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





#5

2-Fluorophenol

Concen: 139.498 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

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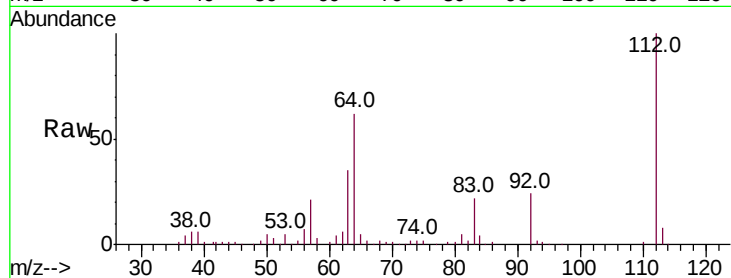
Tot Ion:112 Resp: 149118

Ion Ratio Lower Upper

112 100

64 62.0 47.0 70.6

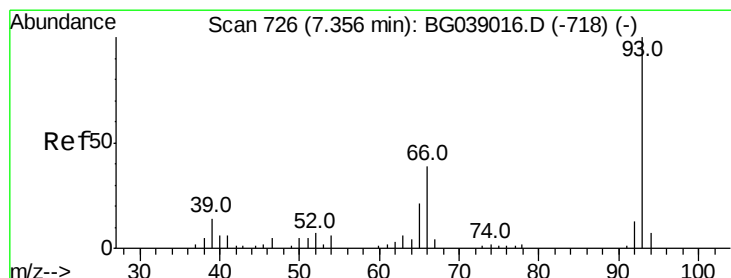
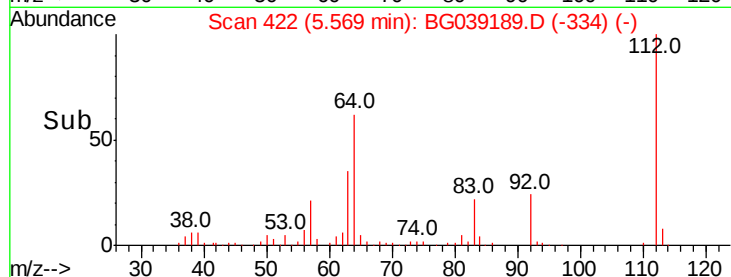
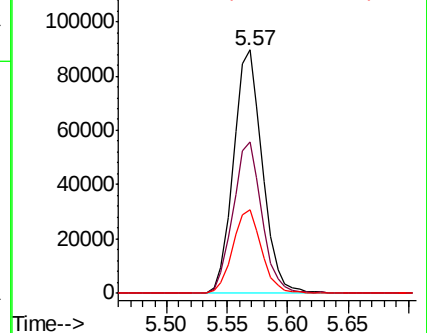
63 34.5 28.0 42.0



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: 29.790 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

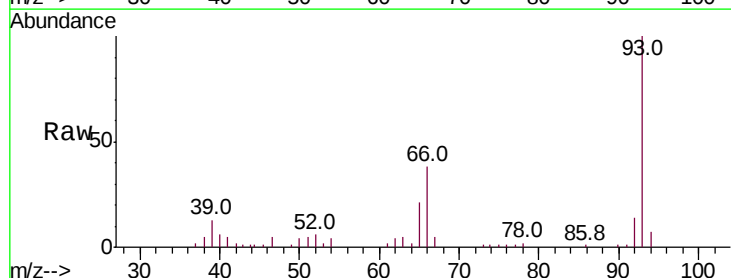
Tgt Ion: 93 Resp: 55039

Ion Ratio Lower Upper

93 100

66 37.9 30.9 46.3

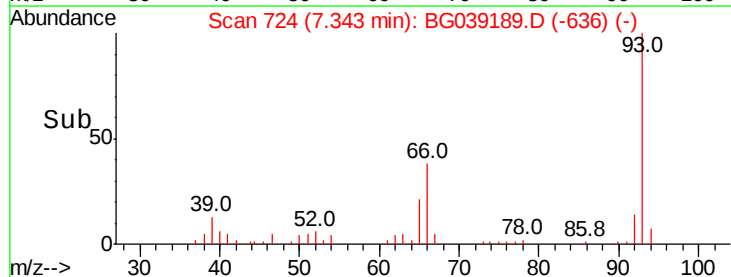
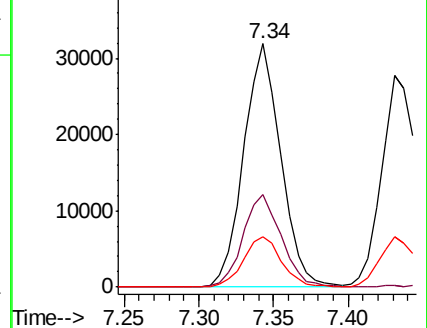
65 20.8 17.0 25.4

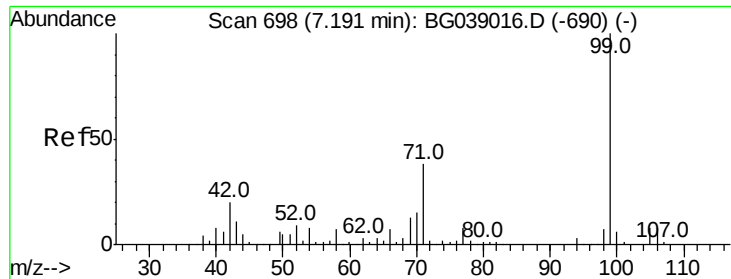


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.301 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039189.D

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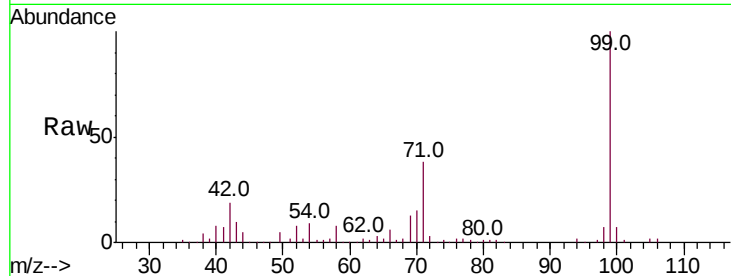
Tot Ion: 99 Resp: 205067

Ion Ratio Lower Upper

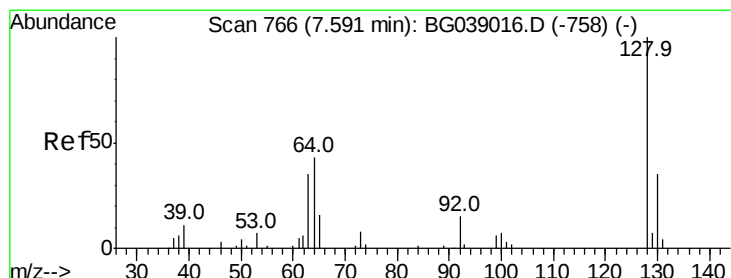
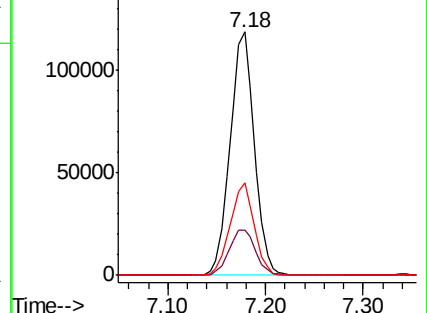
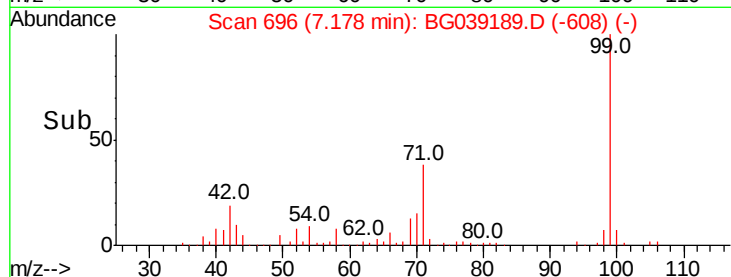
99 100

42 18.7 15.8 23.6

71 37.9 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: 42.089 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

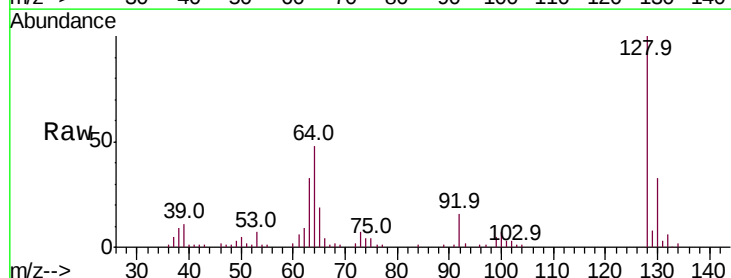
Tgt Ion: 128 Resp: 53036

Ion Ratio Lower Upper

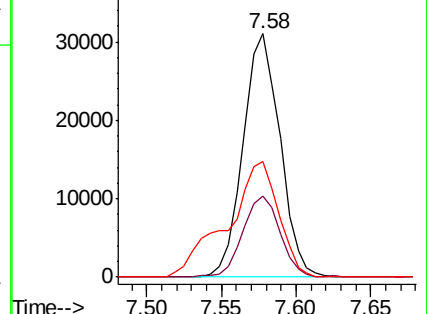
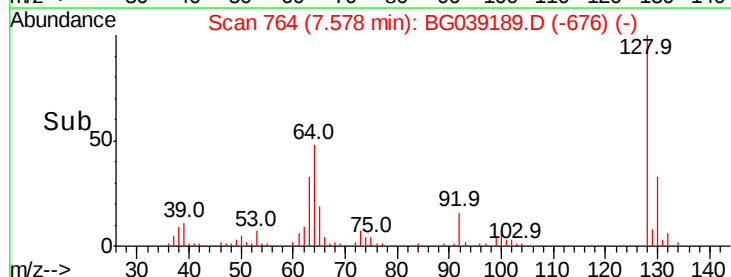
128 100

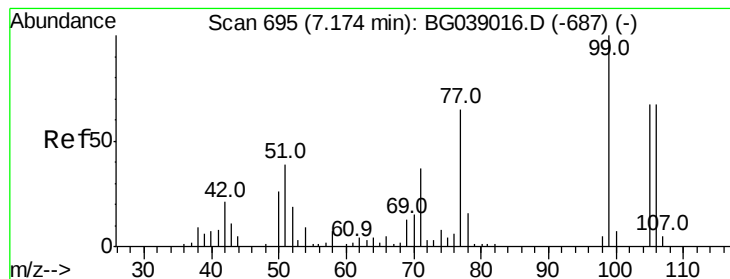
130 33.1 14.5 54.5

64 47.6 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: 17.484 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

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PB116414BSD

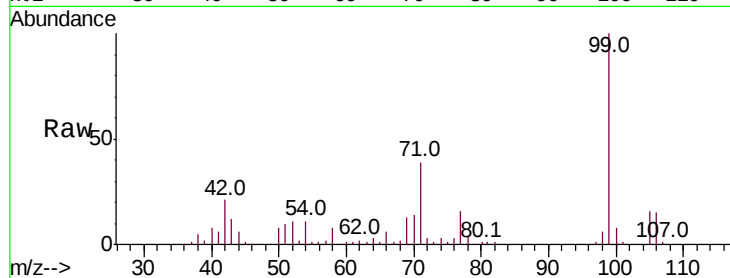
Tot Ion: 77 Resp: 15511

Ion Ratio Lower Upper

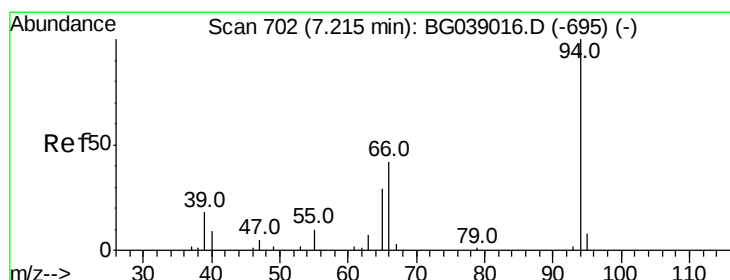
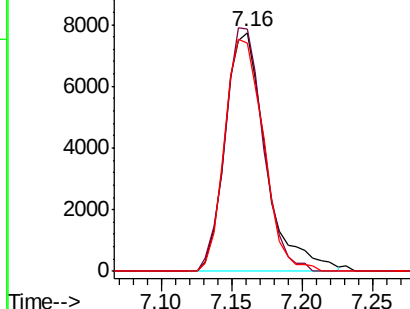
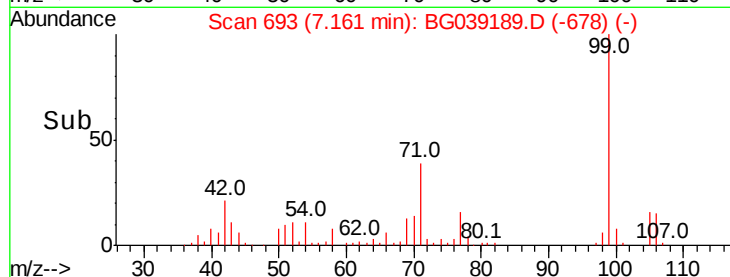
77 100

105 101.5 82.4 122.4

106 95.6 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: 44.121 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

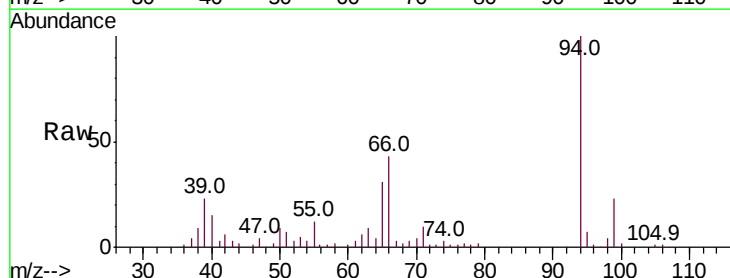
Tgt Ion: 94 Resp: 68050

Ion Ratio Lower Upper

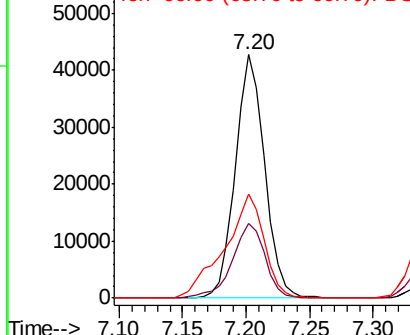
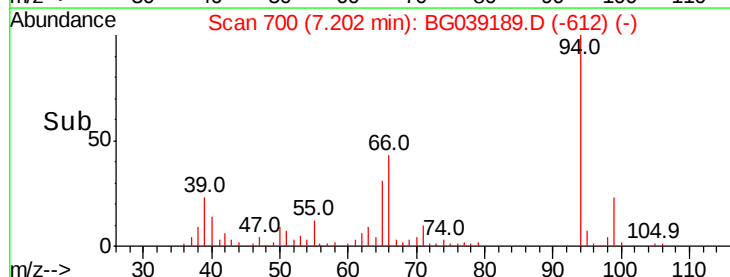
94 100

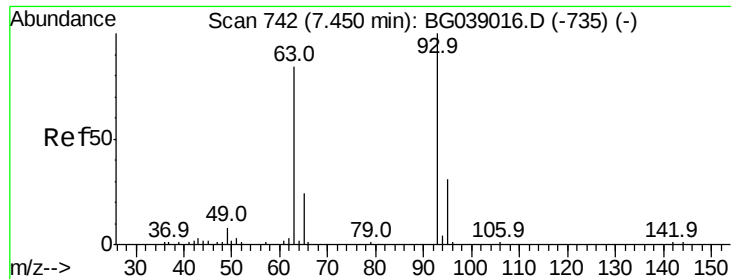
65 30.9 10.3 50.3

66 42.6 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

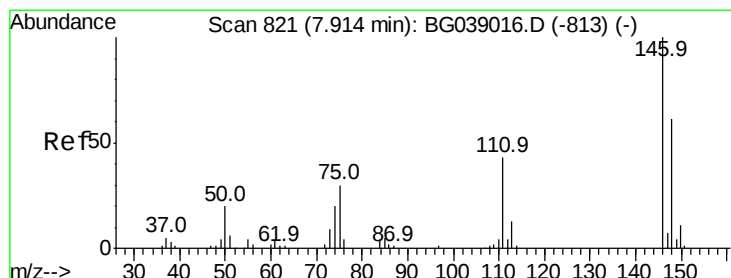
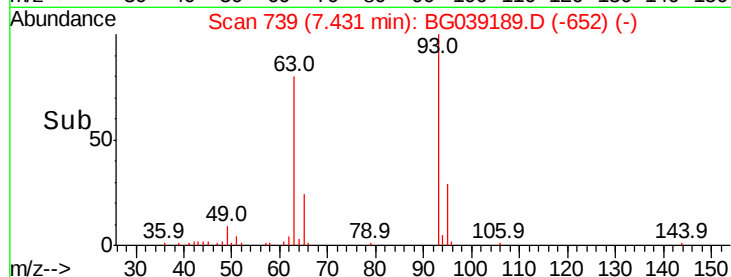
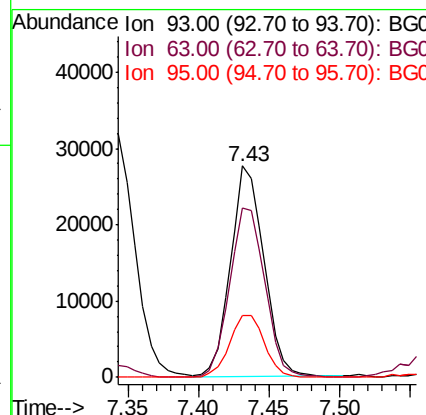
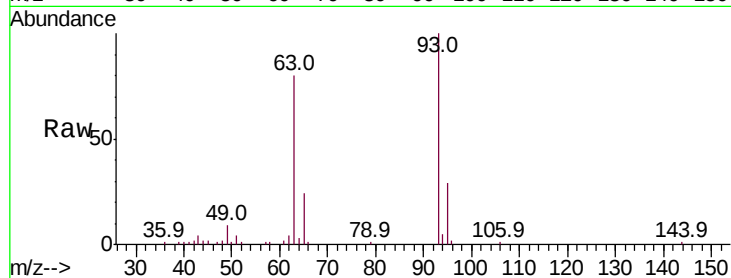




#11
 bis(2-Chloroethyl)ether
 Concen: 38.360 ng
 RT: 7.43 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

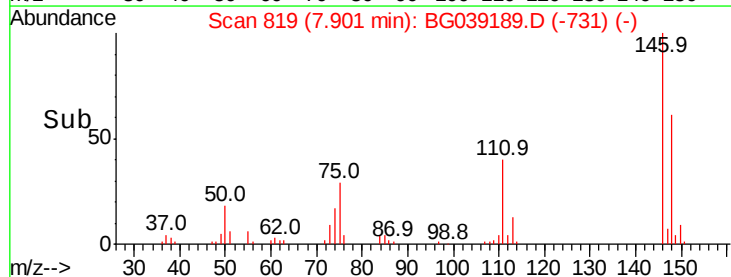
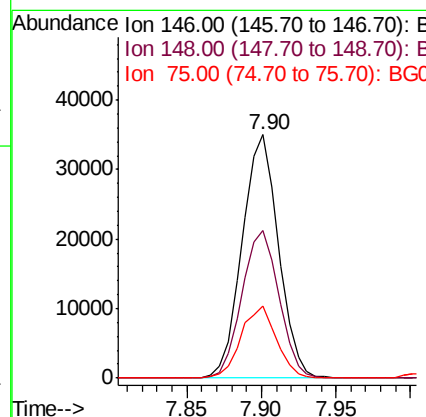
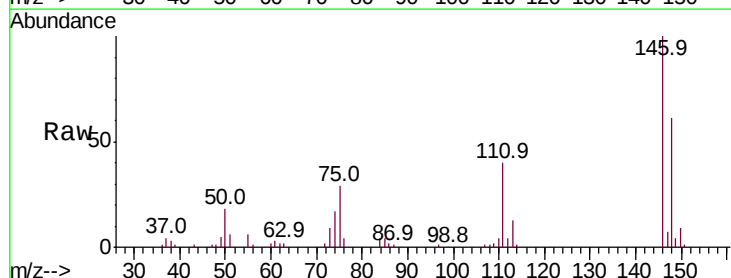
Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

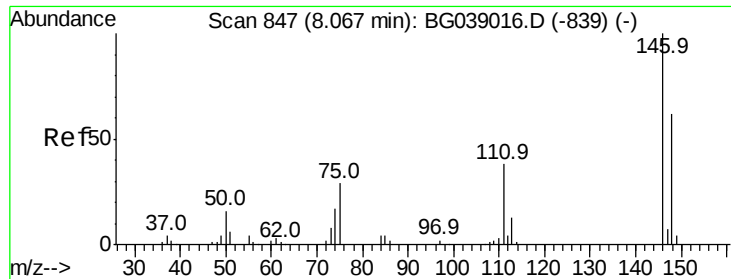
Tot Ion: 93 Resp: 45219
 Ion Ratio Lower Upper
 93 100
 63 80.3 63.2 103.2
 95 29.4 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 39.076 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion: 146 Resp: 58994
 Ion Ratio Lower Upper
 146 100
 148 60.5 49.1 73.7
 75 29.4 23.9 35.9

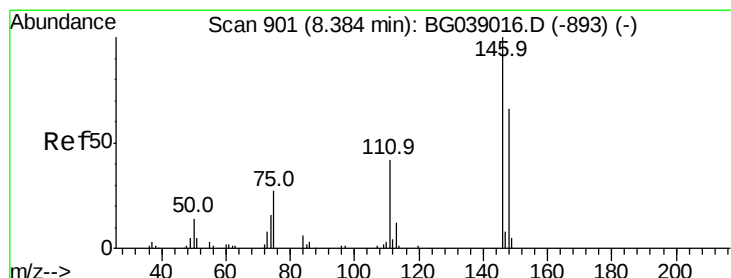
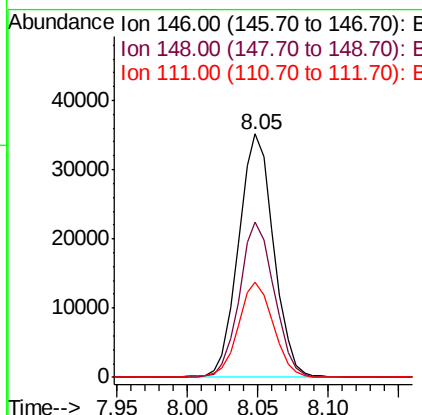
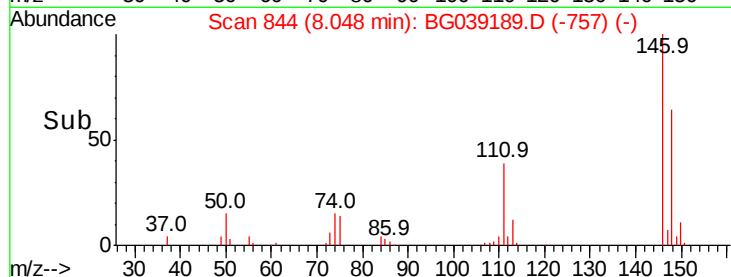
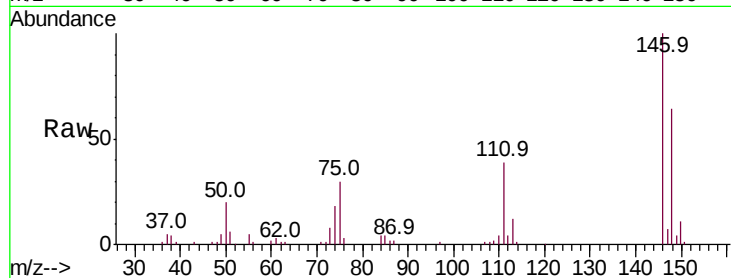




#13
 1,4-Dichlorobenzene
 Concen: 39.826 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

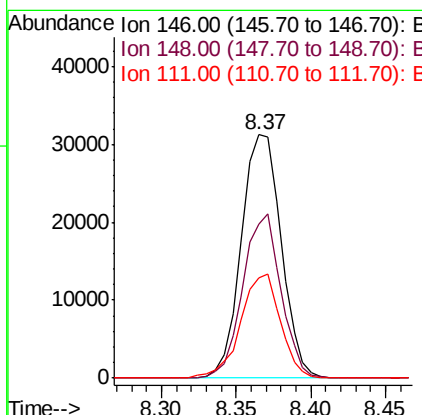
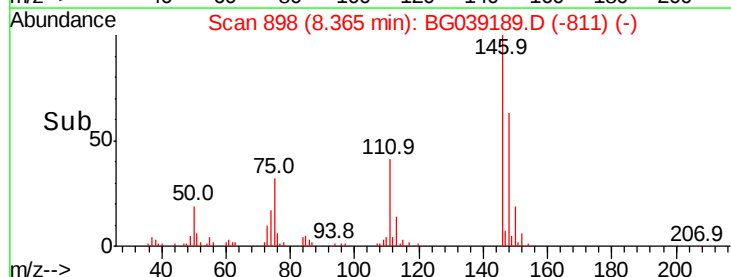
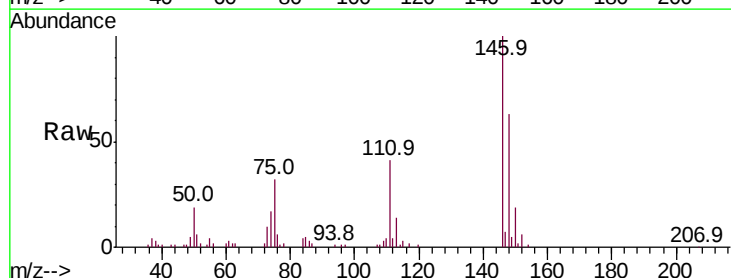
Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

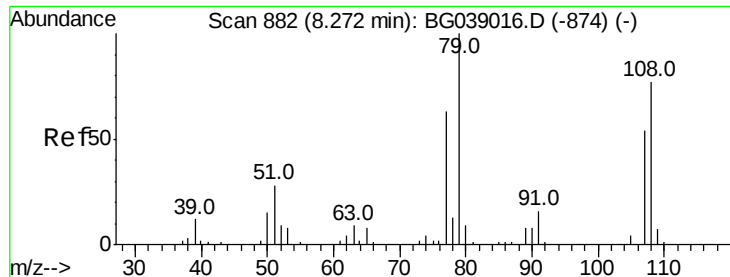
Tot Ion:146 Resp: 60894
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.8 74.6
 111 38.9 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 39.563 ng
 RT: 8.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion:146 Resp: 57677
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.6 79.0
 111 41.2 34.6 51.8





#15

Benzyl Alcohol

Concen: 40.797 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

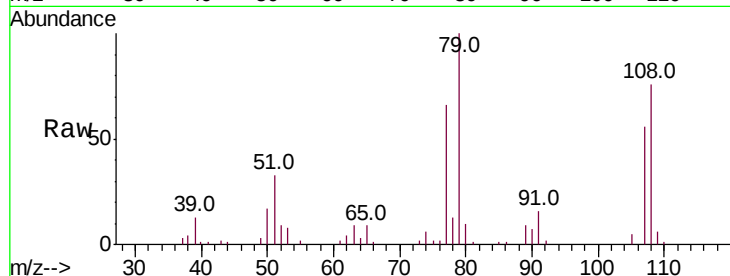
Tot Ion: 79 Resp: 47264

Ion Ratio Lower Upper

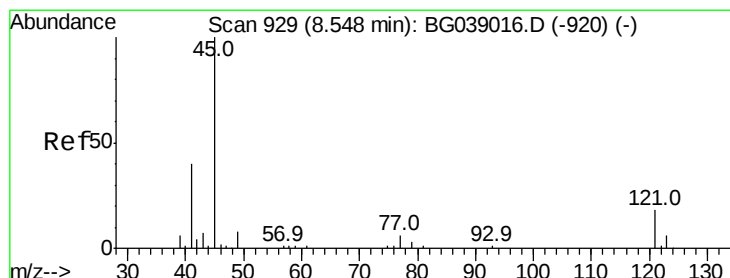
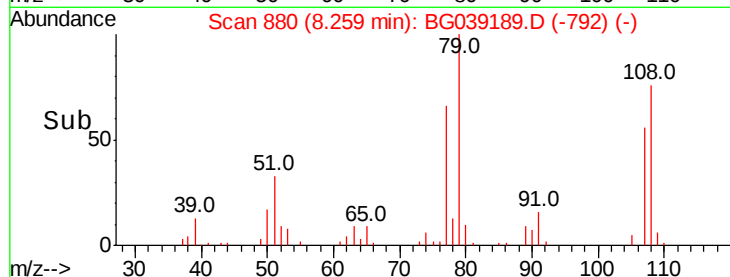
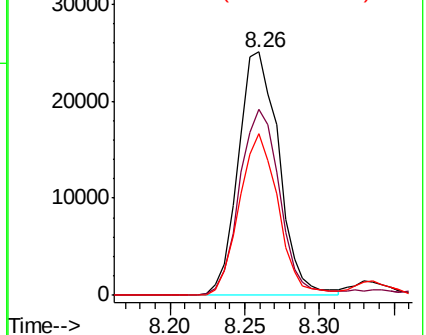
79 100

108 76.2 62.0 93.0

77 66.2 50.1 75.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.893 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

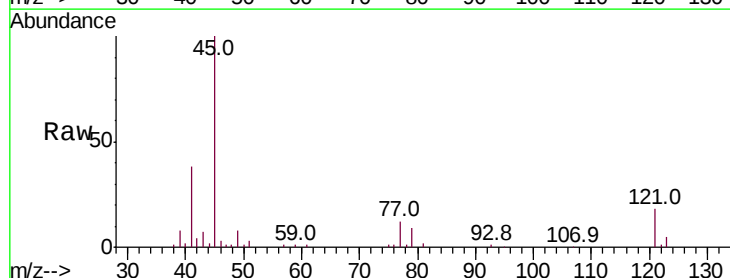
Tgt Ion: 45 Resp: 90173

Ion Ratio Lower Upper

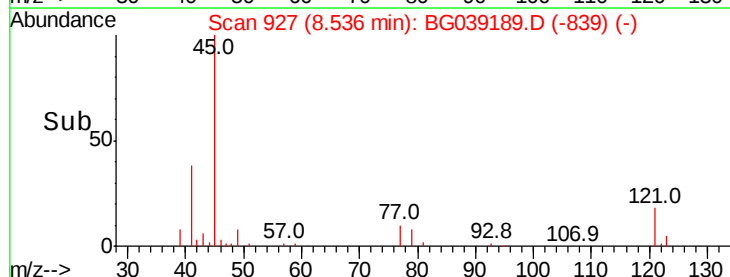
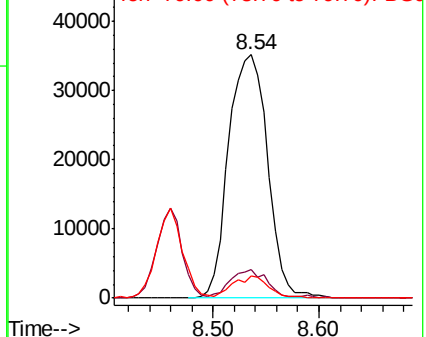
45 100

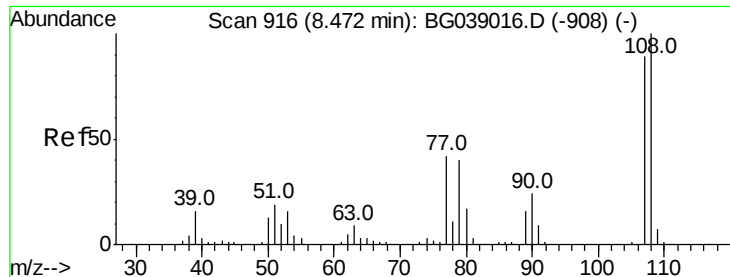
77 11.7 0.0 30.7

79 8.9 0.0 28.5



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

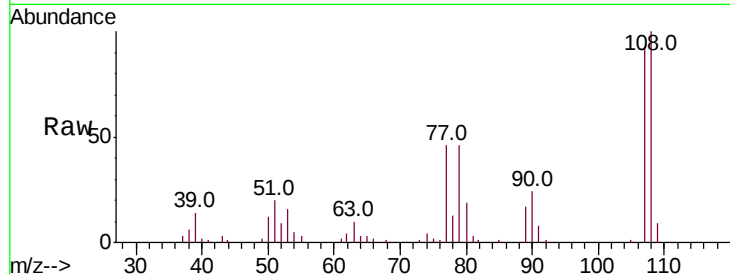




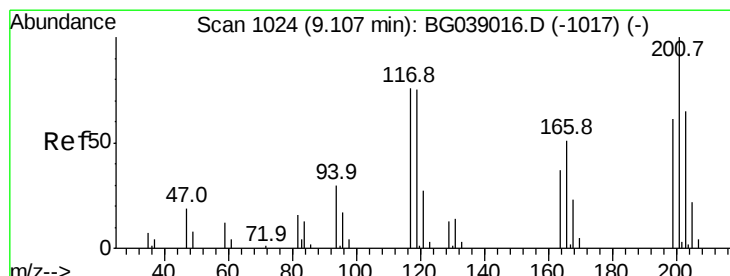
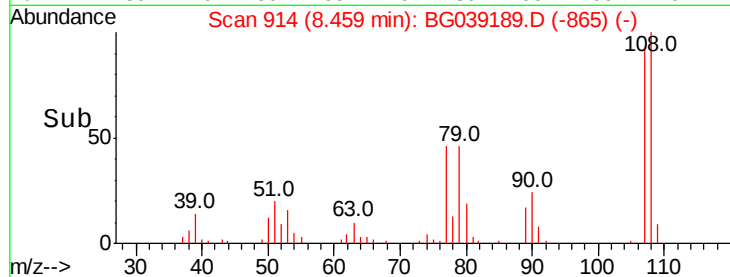
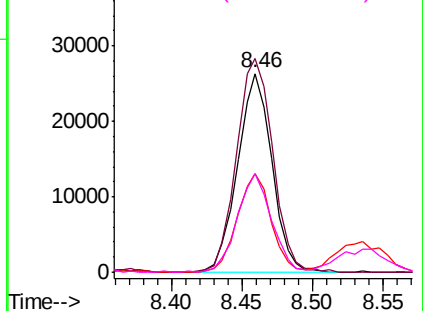
#17
2-Methylphenol
Concen: 41.597 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion:107 Resp: 44549
Ion Ratio Lower Upper
107 100
108 107.6 90.3 135.5
77 49.4 38.3 57.5
79 49.7 35.8 53.6

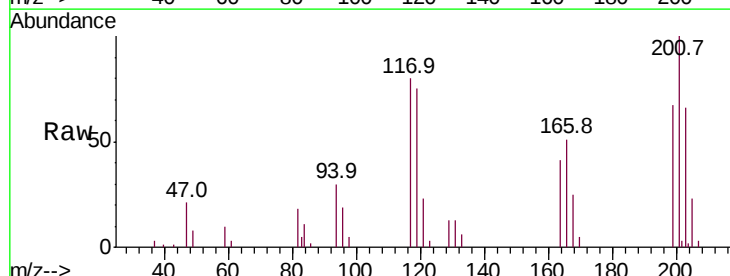


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

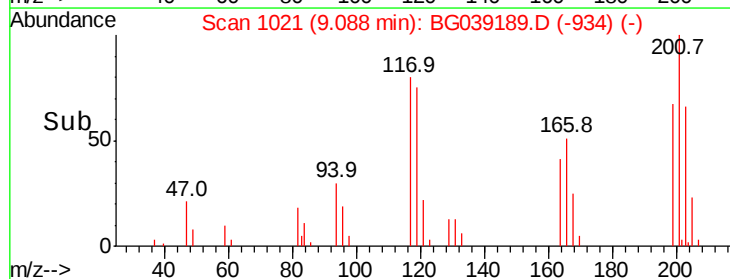
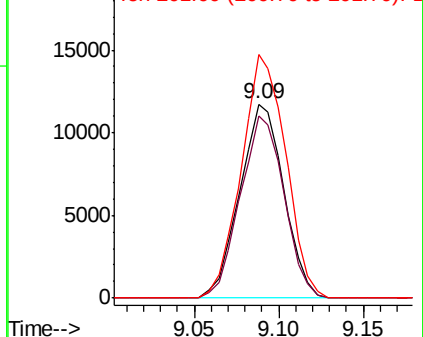


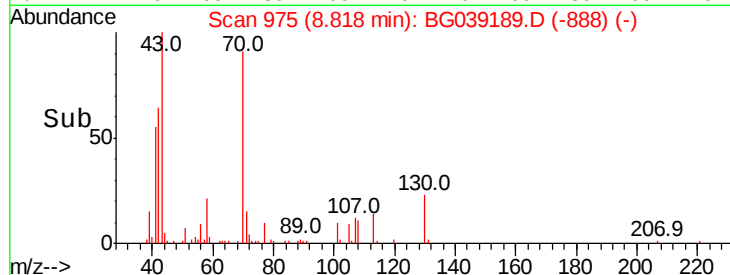
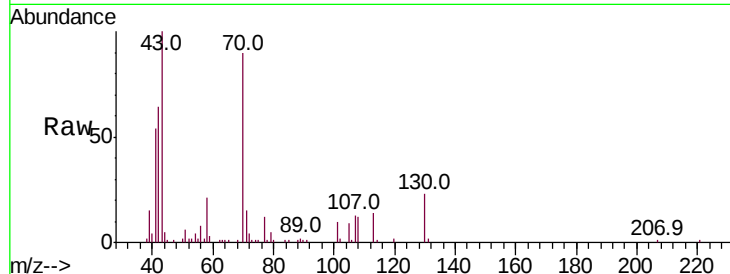
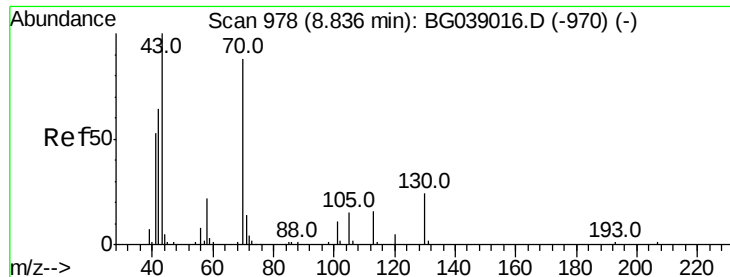
#18
Hexachloroethane
Concen: 40.764 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion:117 Resp: 21175
Ion Ratio Lower Upper
117 100
119 93.8 78.7 118.1
201 129.3 108.1 162.1



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

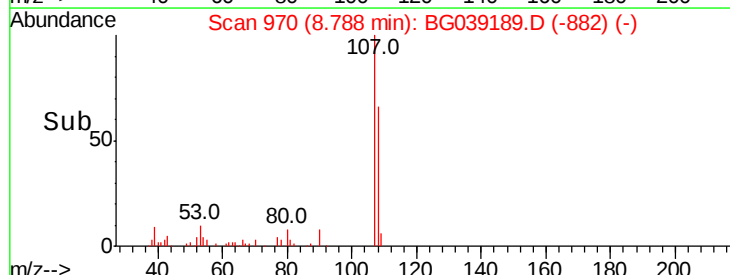
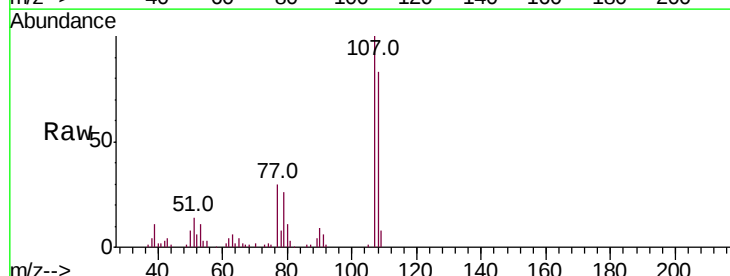
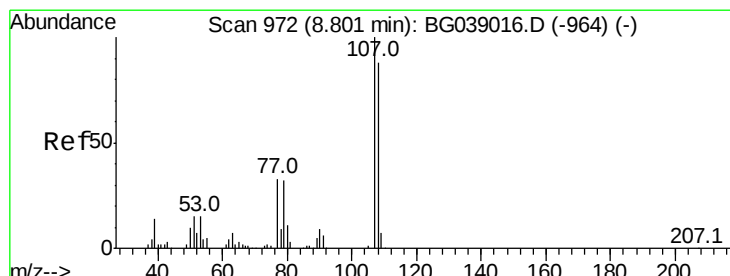
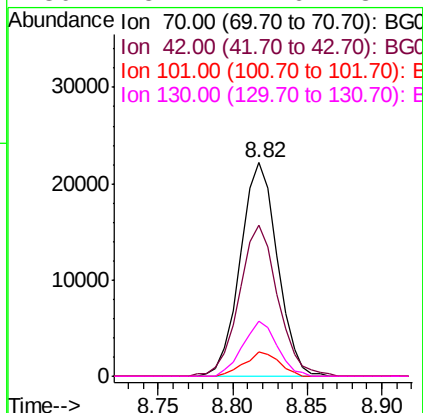




#19
n-Nitroso-di-n-propylamine
Concen: 37.782 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

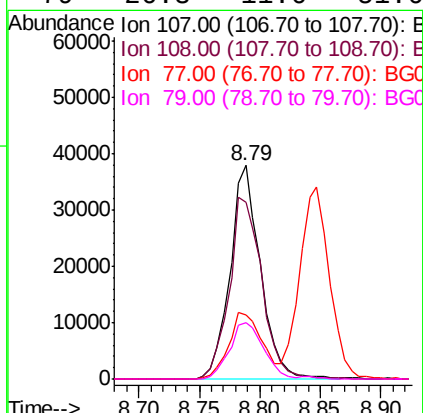
Instrument :
BNA_G
ClientSampleId :
PB116414BSD

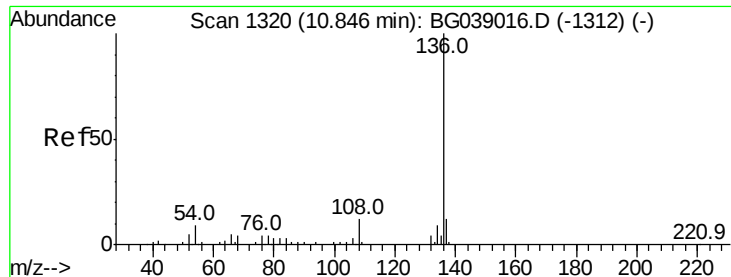
Tot Ion:	70	Resp:	38168
Ion	Ratio	Lower	Upper
70	100		
42	70.7	59.0	88.4
101	11.4	10.4	15.6
130	25.7	21.6	32.4



#20
3+4-Methylphenols
Concen: 43.468 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion:	107	Resp:	66372
Ion	Ratio	Lower	Upper
107	100		
108	83.0	68.4	108.4
77	30.3	13.3	53.3
79	26.3	11.6	51.6

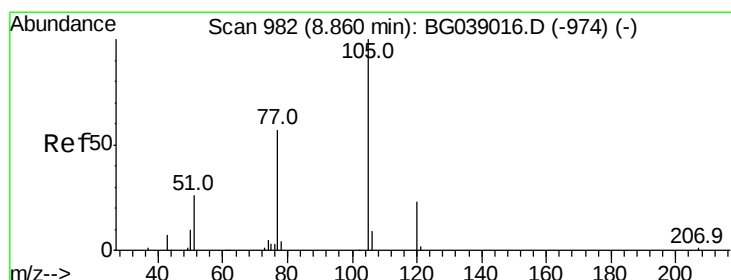
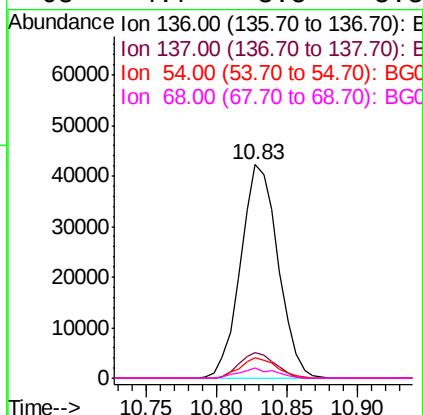
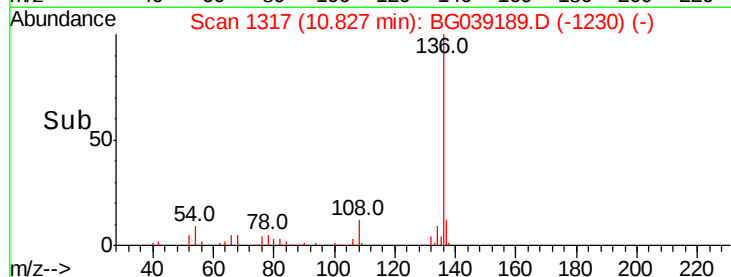
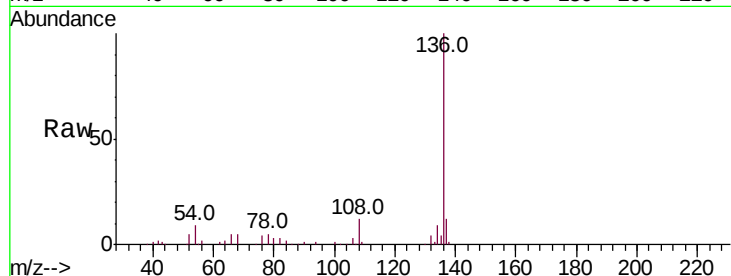




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

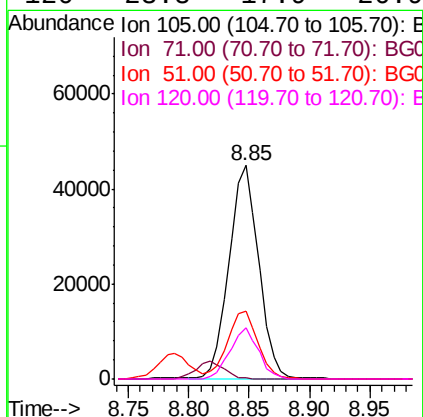
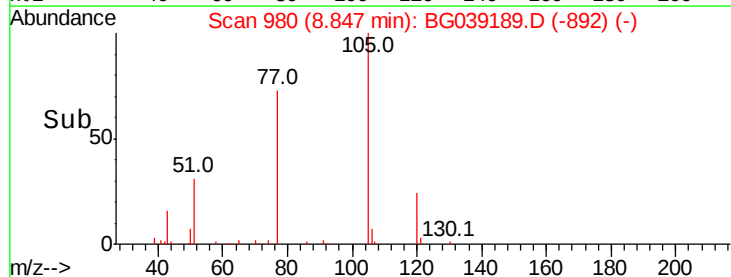
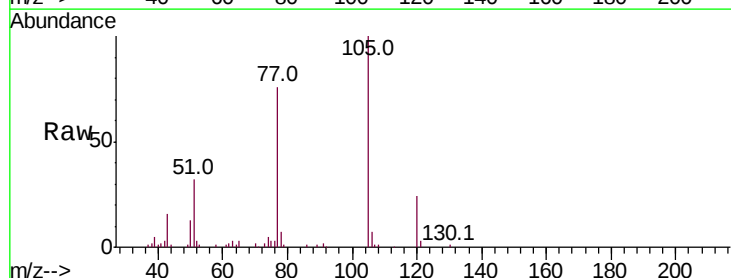
Instrument :
BNA_G
ClientSampleId :
PB116414BSD

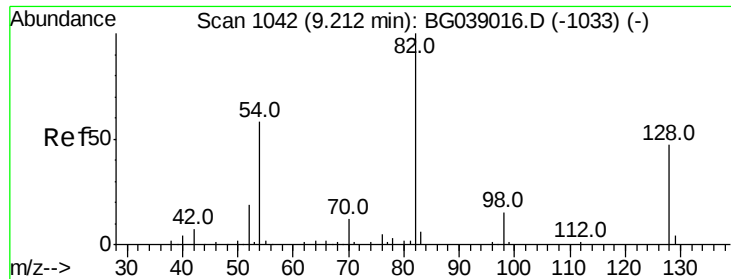
Tot Ion:136	Resp:	78662	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	9.4	14.2	
54 9.3	7.2	10.8	
68 4.7	3.5	5.3	



#22
Acetophenone
Concen: 37.590 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt	Ion:105	Resp:	77219
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.6	1.0#
51	31.9	26.6	39.8
120	23.8	17.9	26.9

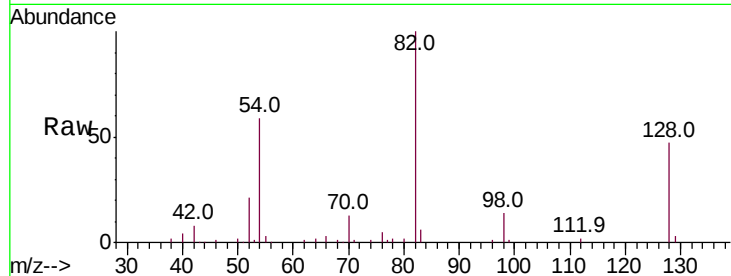




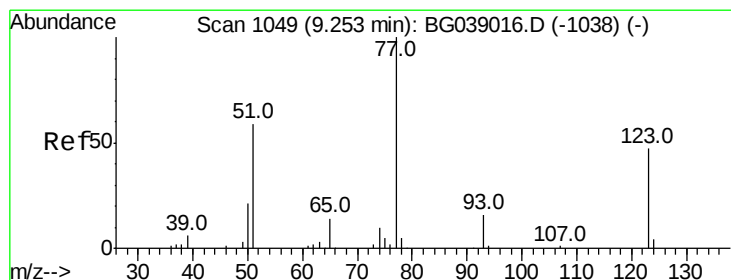
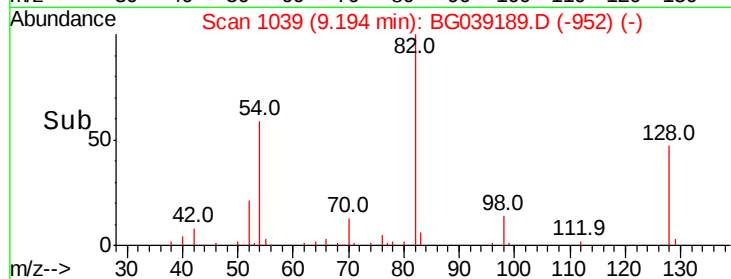
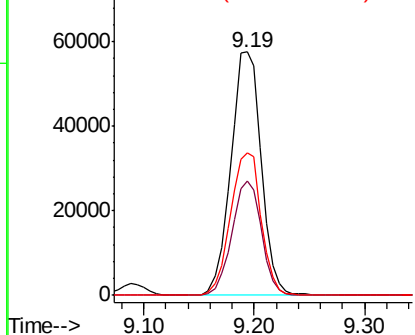
#23
 Nitrobenzene-d5
 Concen: 77.506 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

Tot Ion	82	Resp	111419
Ion Ratio	100	Lower	Upper
128	47.0	37.3	55.9
54	58.6	46.4	69.6

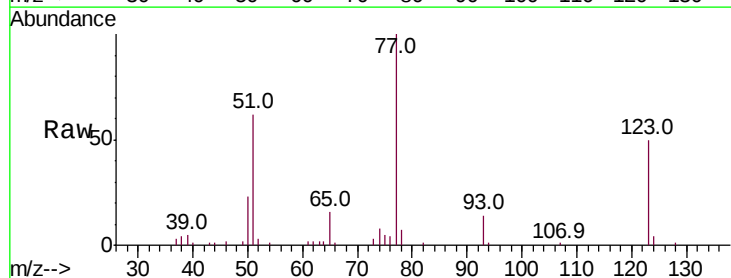


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

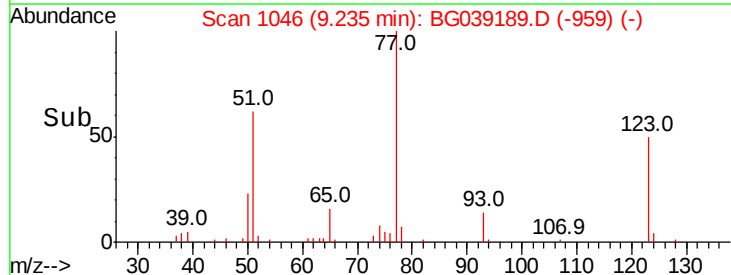
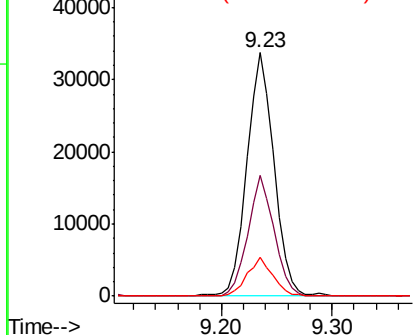


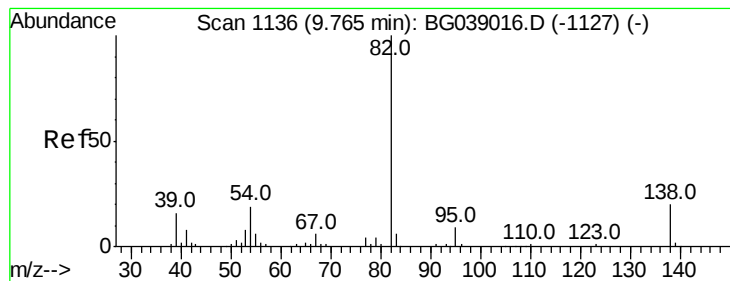
#24
 Nitrobenzene
 Concen: 40.058 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion	77	Resp	58206
Ion Ratio	100	Lower	Upper
123	49.8	37.6	56.4
65	15.9	11.0	16.6



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





#25

Isophorone

Concen: 42.928 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

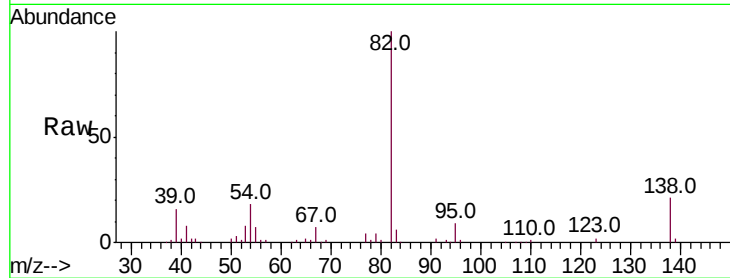
Tot Ion: 82 Resp: 106301

Ion Ratio Lower Upper

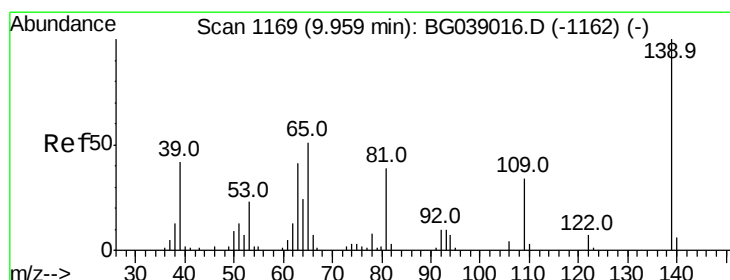
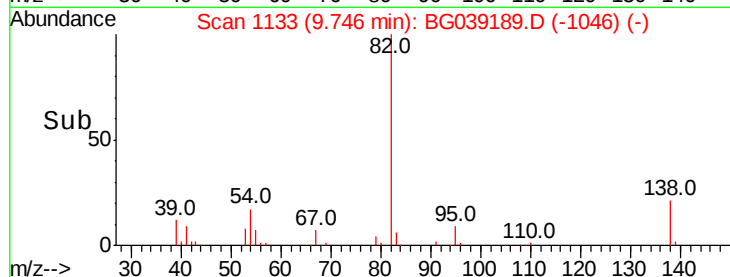
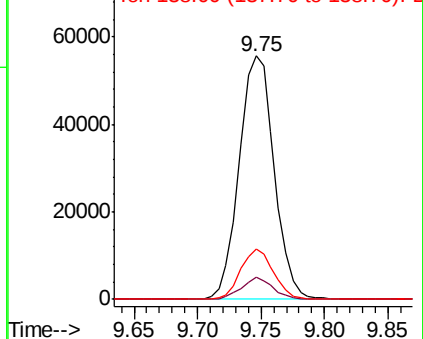
82 100

95 8.9 7.0 10.6

138 20.5 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: 40.183 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

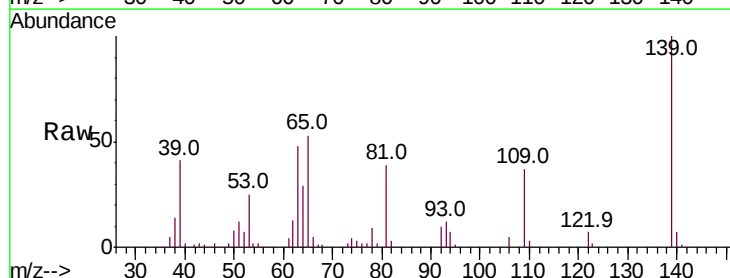
Tgt Ion:139 Resp: 31581

Ion Ratio Lower Upper

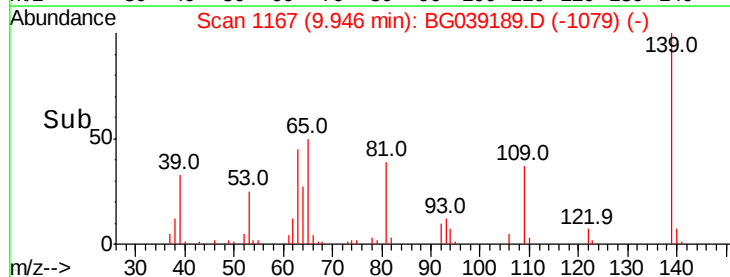
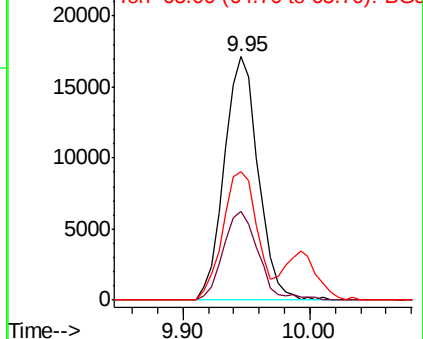
139 100

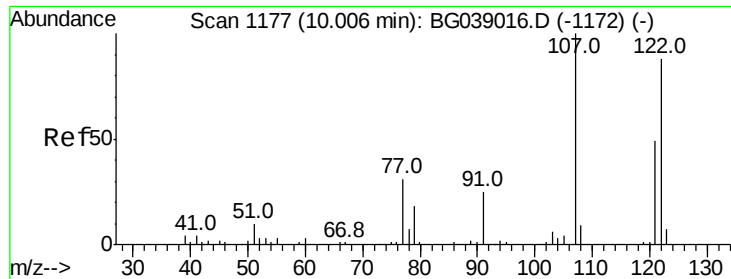
109 36.7 27.3 40.9

65 52.7 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

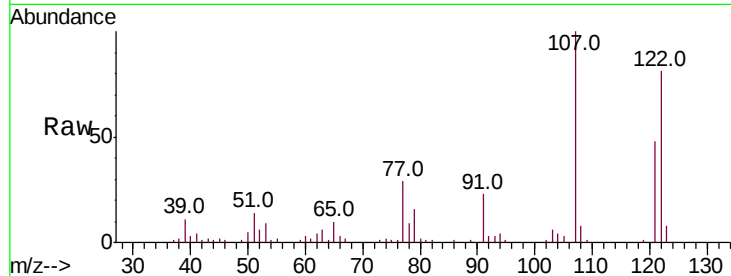




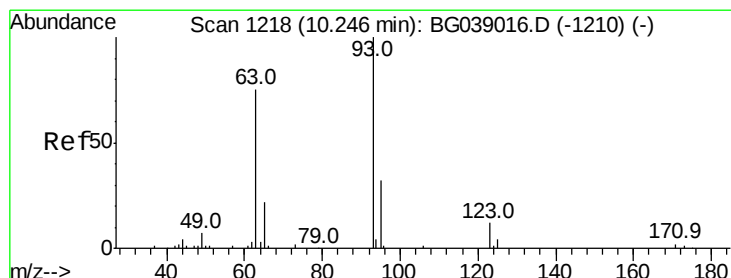
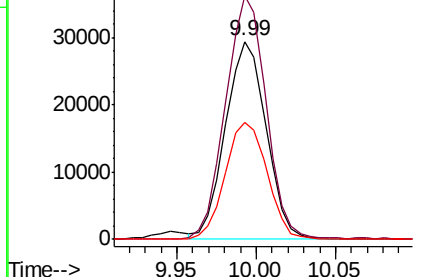
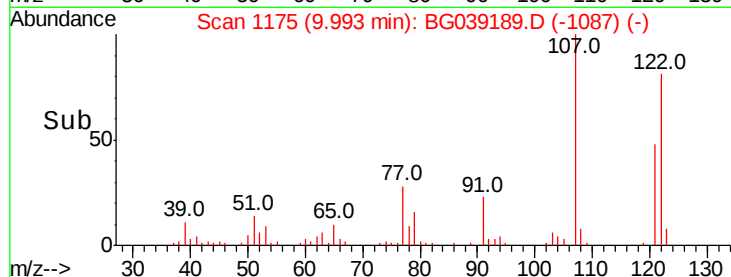
#27
 2,4-Dimethylphenol
 Concen: 47.499 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

Tot Ion:122 Resp: 52520
 Ion Ratio Lower Upper
 122 100
 107 122.9 88.8 133.2
 121 59.2 43.1 64.7

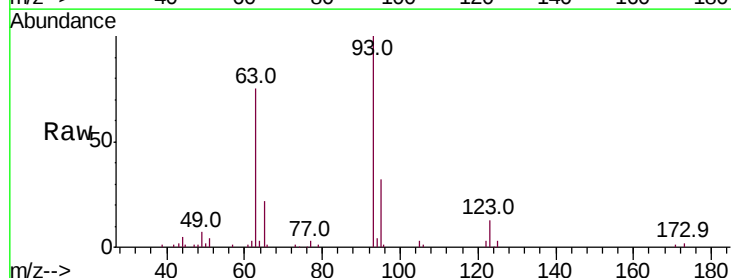


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

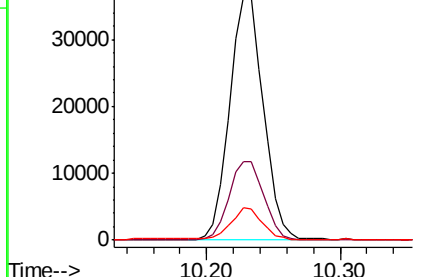
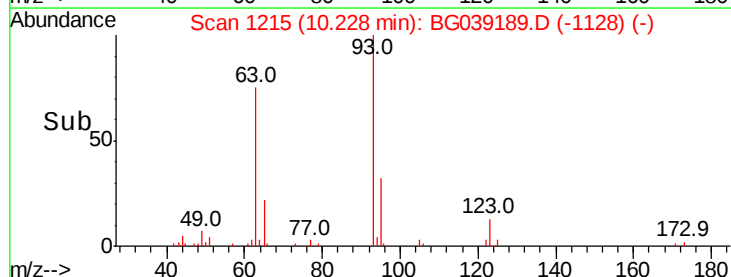


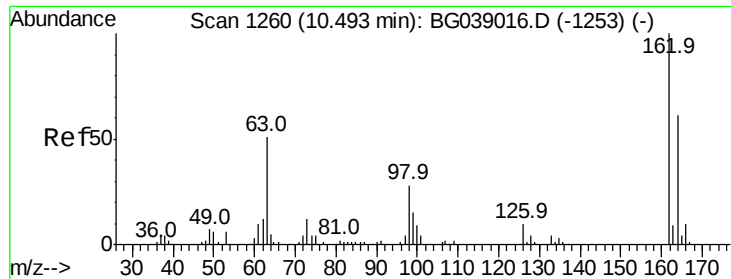
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.374 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion: 93 Resp: 64551
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.6 38.4
 123 13.2 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

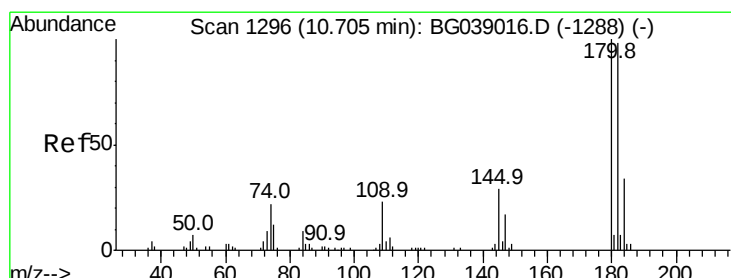
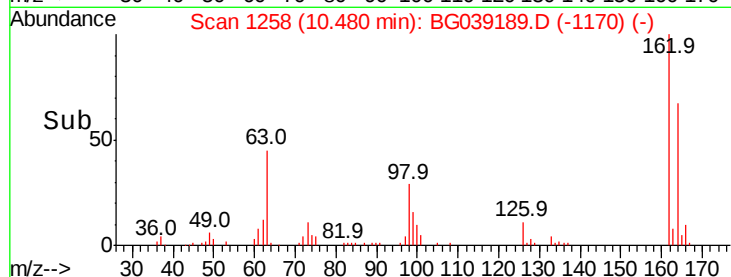
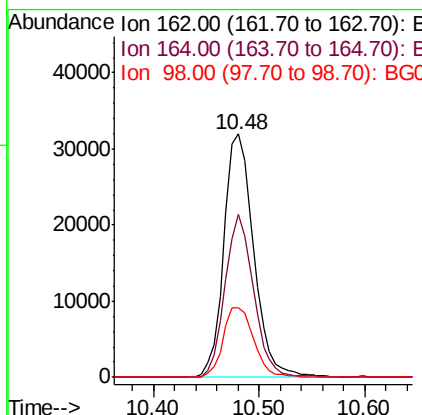
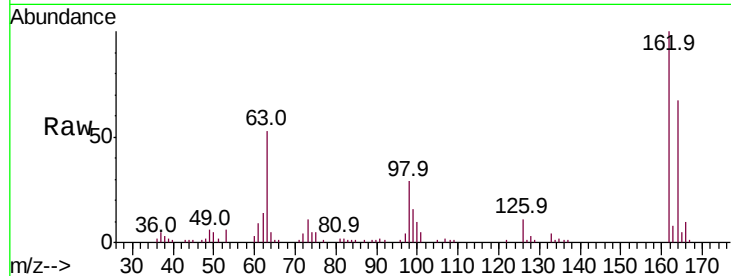




#29
 2,4-Dichlorophenol
 Concen: 45.618 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

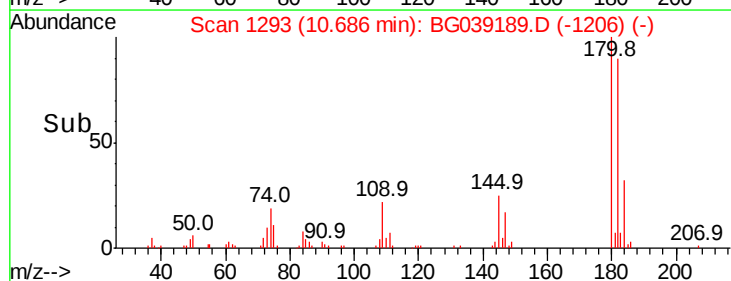
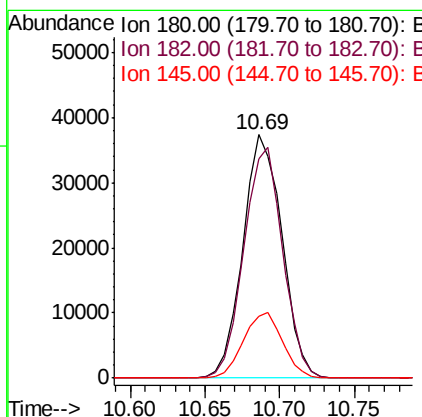
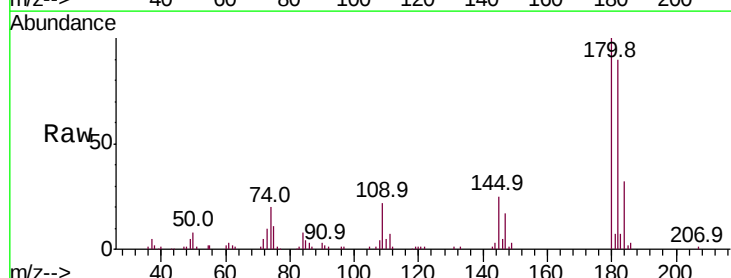
Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

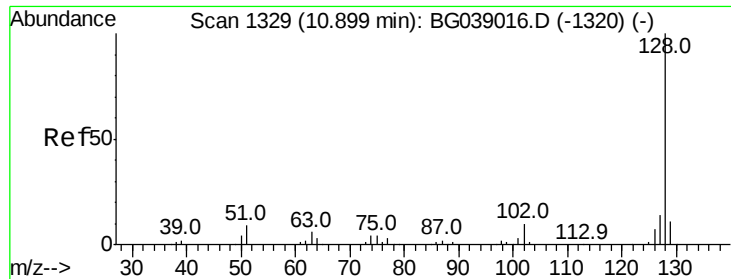
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	41.3	81.3
98	28.6	8.3	48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.933 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.1	78.1	117.1
145	25.4	23.1	34.7

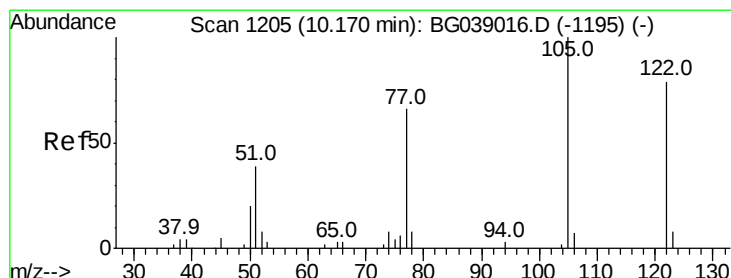
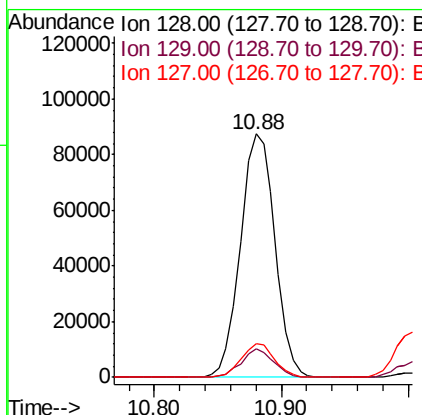
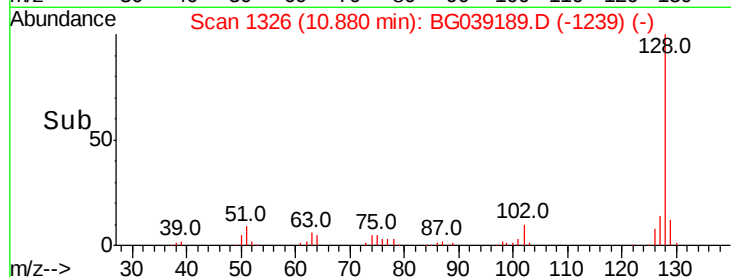
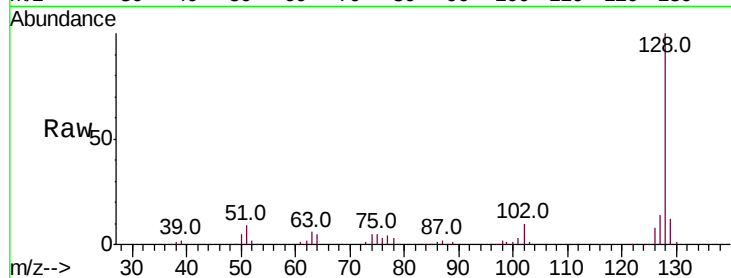




#31
Naphthalene
Concen: 41.735 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

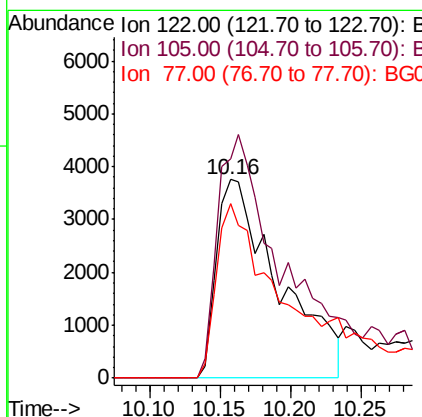
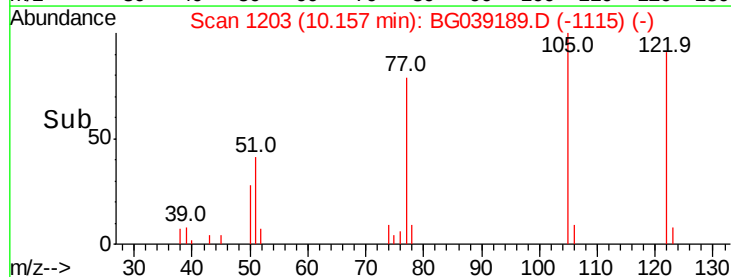
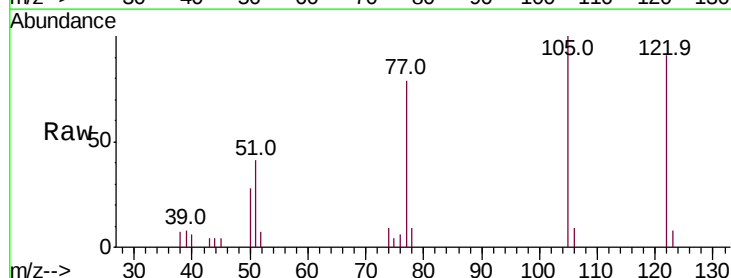
Instrument :
BNA_G
ClientSampleId :
PB116414BSD

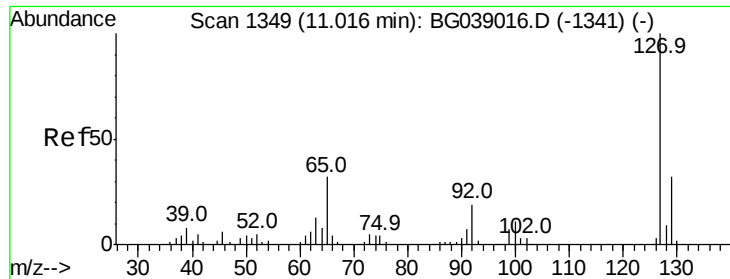
Tot Ion:128 Resp: 164656
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.9 11.2 16.8



#32
Benzoic acid
Concen: 23.160 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion:122 Resp: 11610
Ion Ratio Lower Upper
122 100
105 110.3 106.4 146.4
77 87.7 63.6 103.6

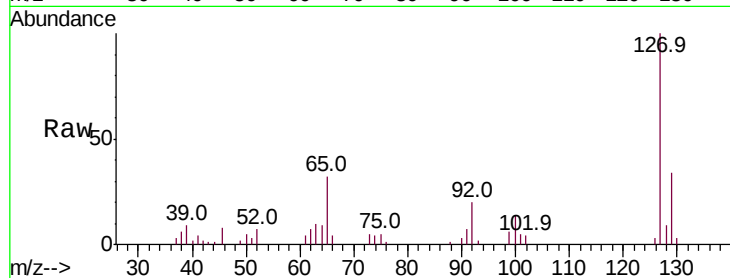




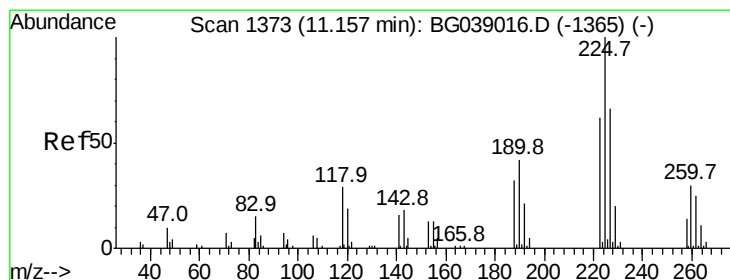
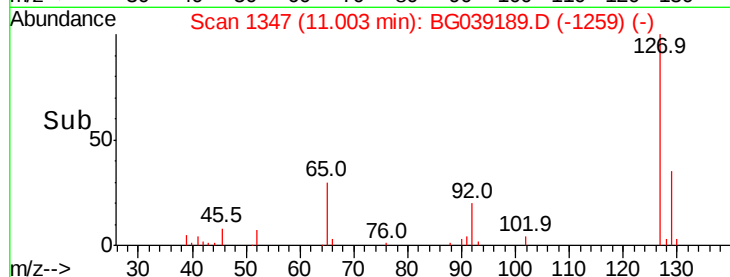
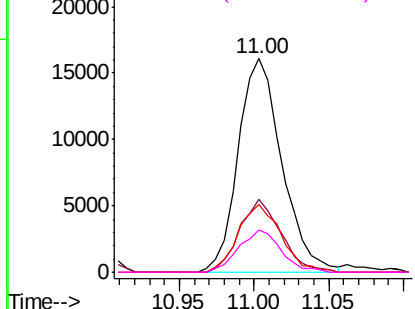
#33
4-Chloroaniline
Concen: 18.527 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion:	127	Resp:	32706
Ion	Ratio	Lower	Upper
127	100		
129	34.4	25.4	38.0
65	31.8	25.4	38.0
92	19.8	15.2	22.8

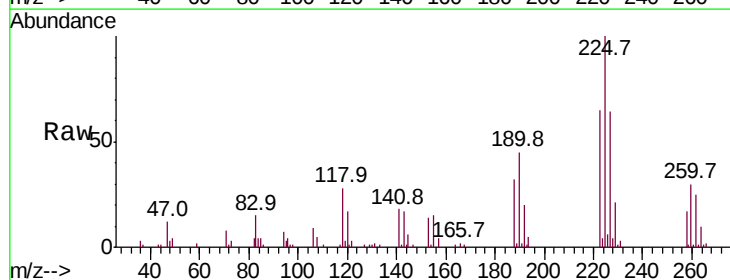


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

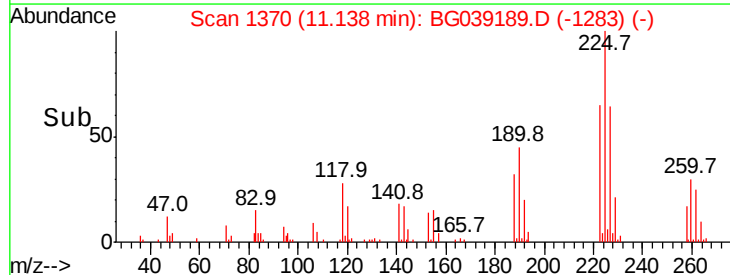
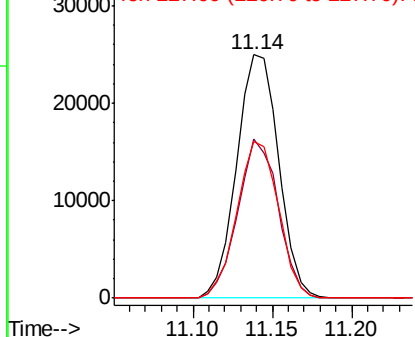


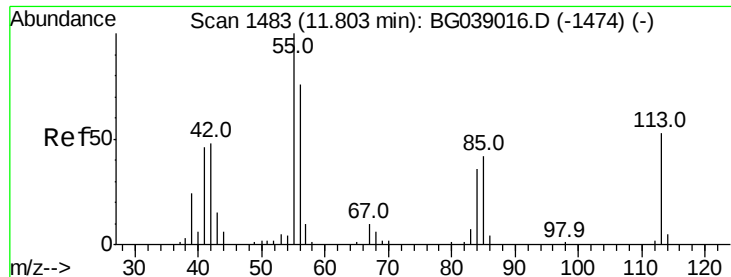
#34
Hexachlorobutadiene
Concen: 40.466 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion:	225	Resp:	45956
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.4
227	64.3	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: 18.036 ng

RT: 11.78 min Scan# 1479

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

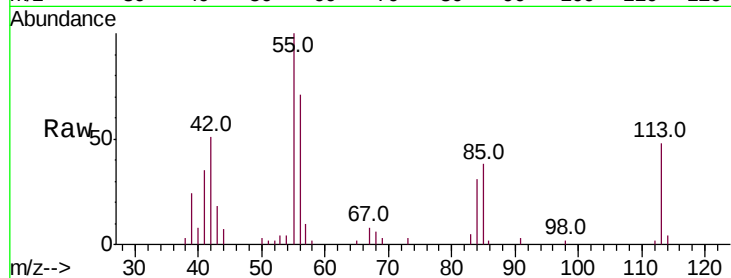
Tot Ion:113 Resp: 9935

Ion Ratio Lower Upper

113 100

55 207.3 168.6 208.6

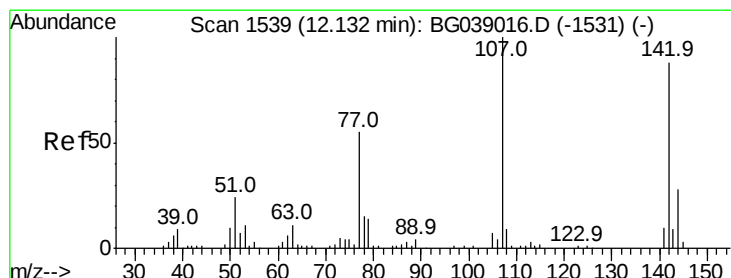
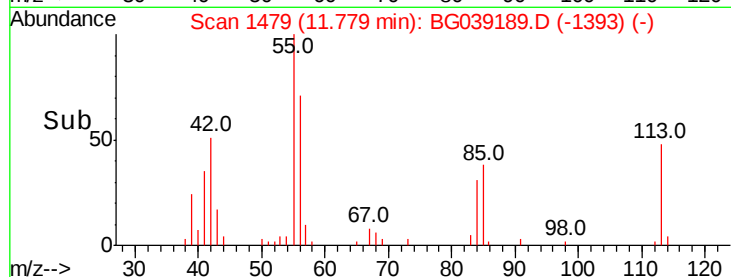
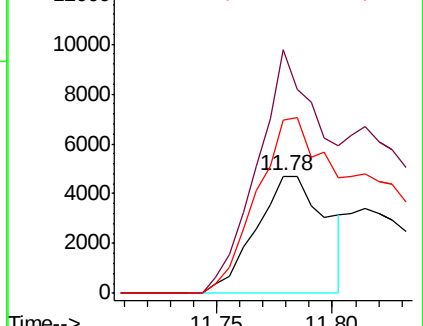
56 147.5 123.2 163.2



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: 40.378 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

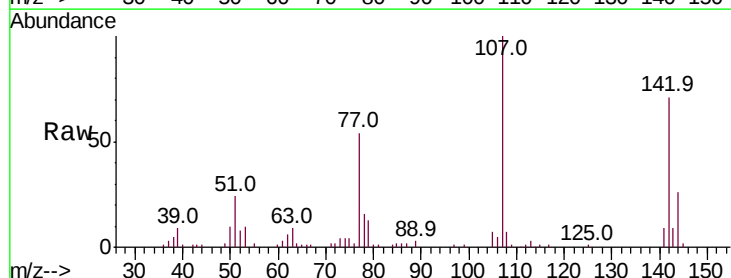
Tgt Ion:107 Resp: 59323

Ion Ratio Lower Upper

107 100

144 26.1 22.6 34.0

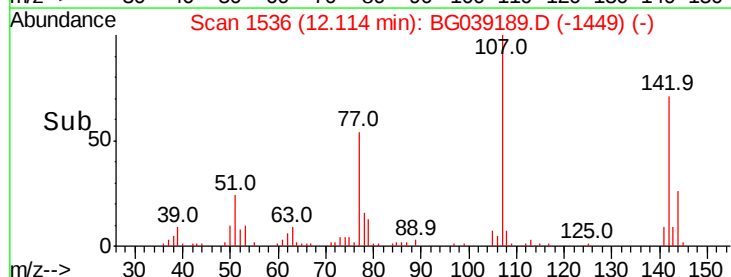
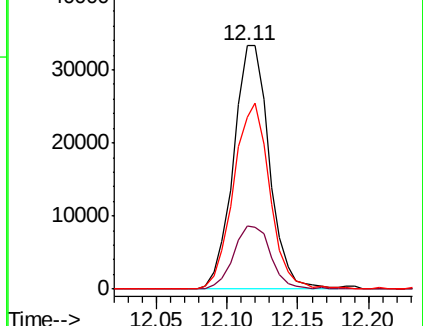
142 70.6 70.2 105.4

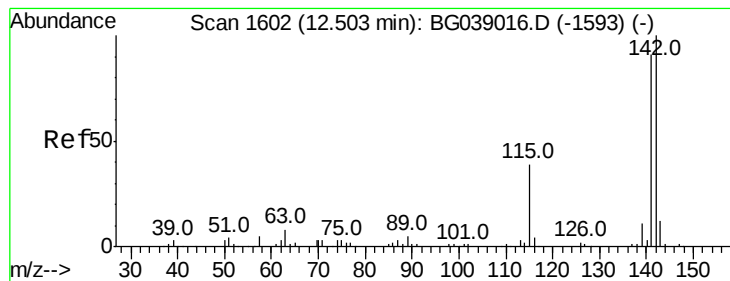


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.433 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

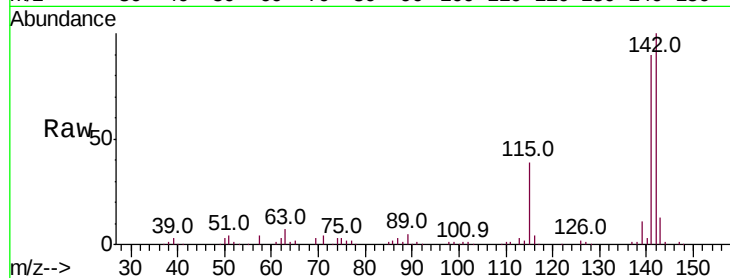
Tot Ion:142 Resp: 134387

Ion Ratio Lower Upper

142 100

141 90.3 72.6 109.0

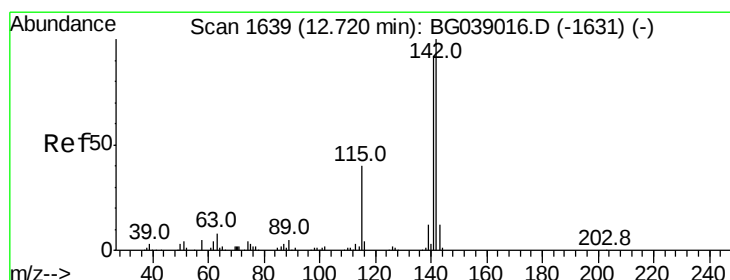
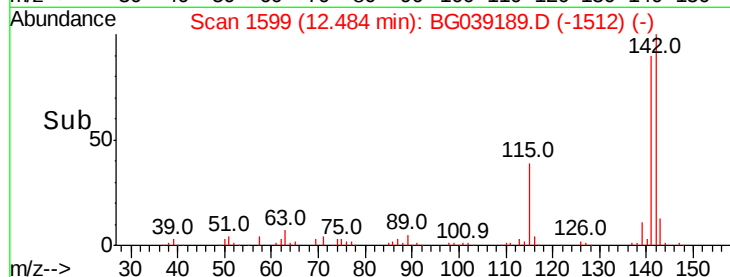
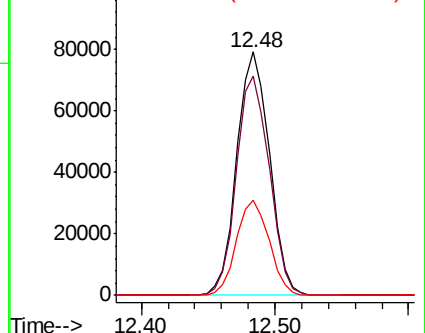
115 39.3 31.1 46.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.783 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

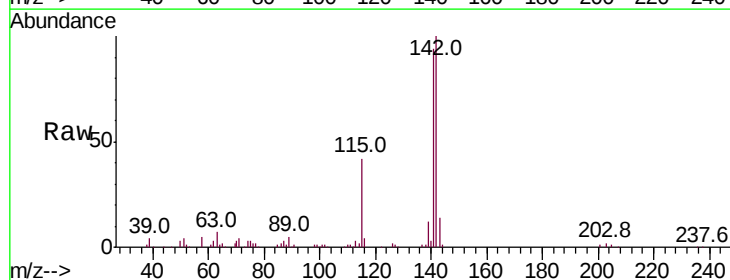
Tgt Ion:142 Resp: 118626

Ion Ratio Lower Upper

142 100

141 94.1 73.3 109.9

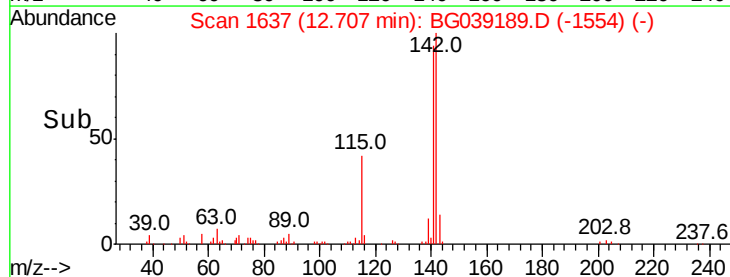
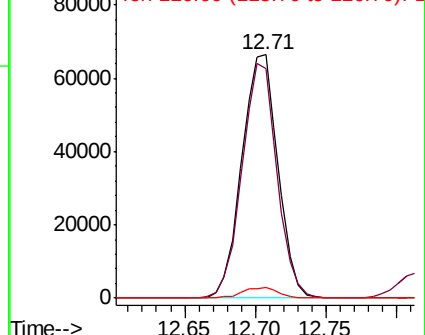
116 4.4 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

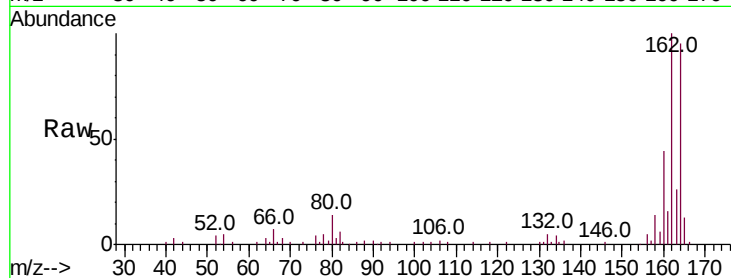
Tot Ion:164 Resp: 55270

Ion Ratio Lower Upper

164 100

162 105.2 87.2 130.8

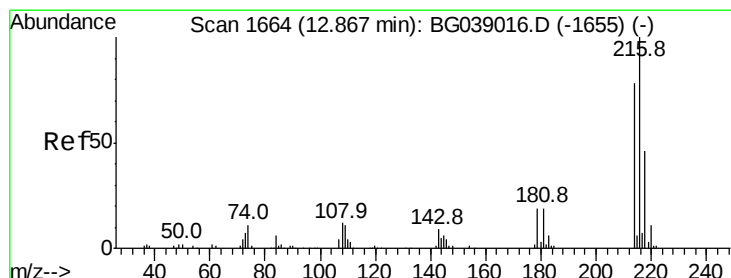
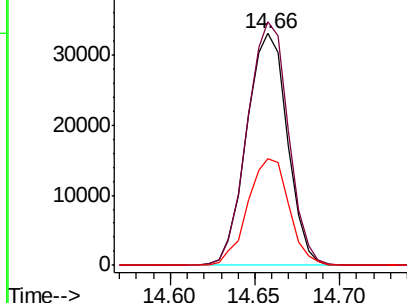
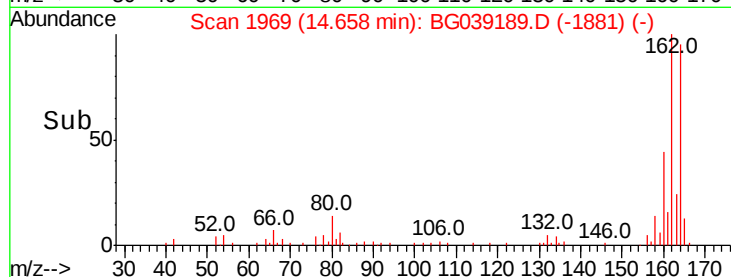
160 46.1 33.3 49.9



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: 41.116 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tgt Ion:216 Resp: 85345

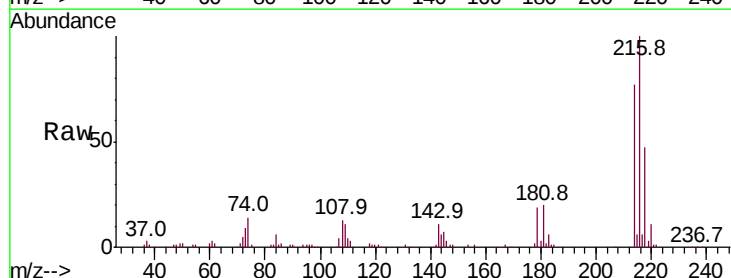
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.2

179 19.8 15.5 23.3

108 16.1 11.4 17.2

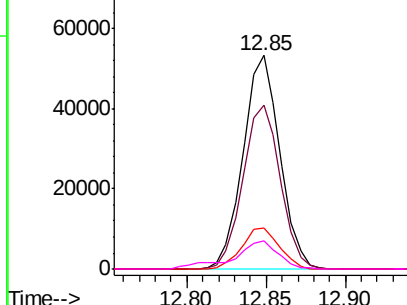
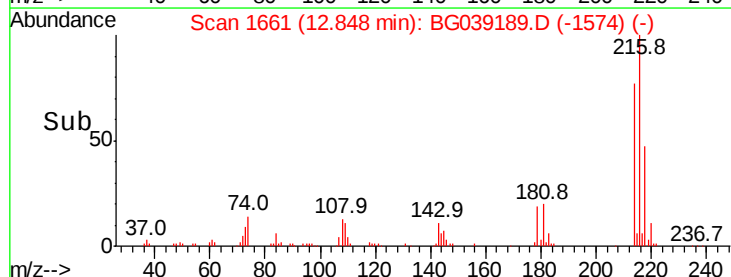


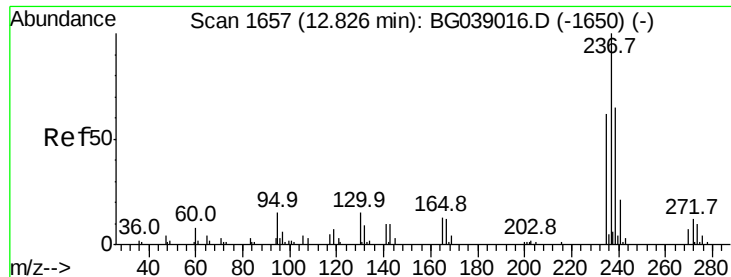
Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.912 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

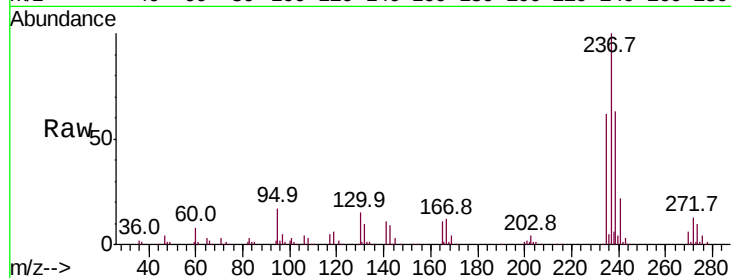
Tot Ion:237 Resp: 99710

Ion Ratio Lower Upper

237 100

235 61.6 41.7 81.7

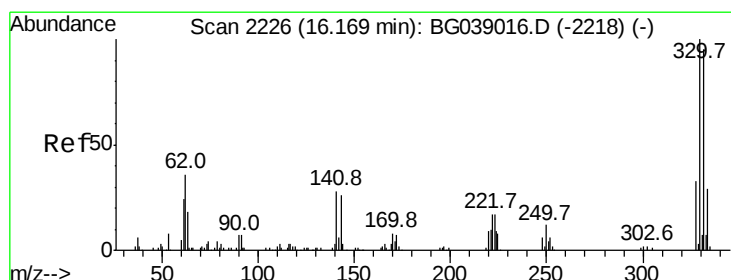
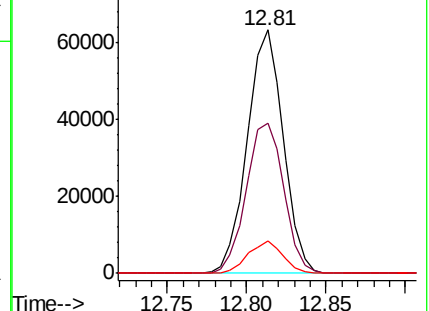
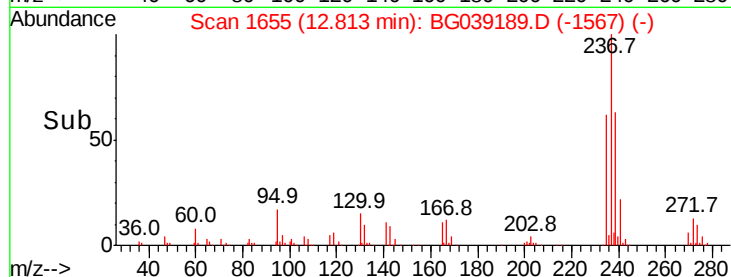
272 13.5 0.0 32.1



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: 123.133 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

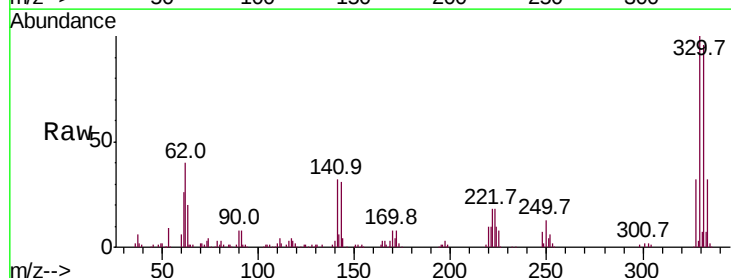
Tgt Ion:330 Resp: 114080

Ion Ratio Lower Upper

330 100

332 96.5 75.7 113.5

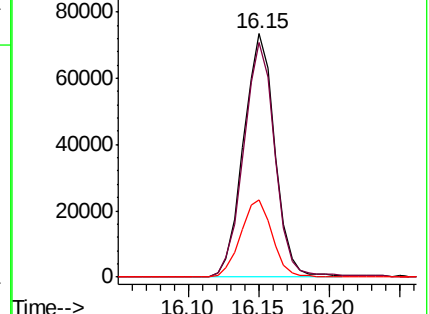
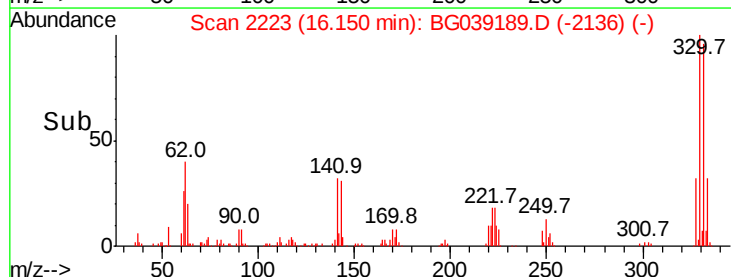
141 32.0 24.9 37.3

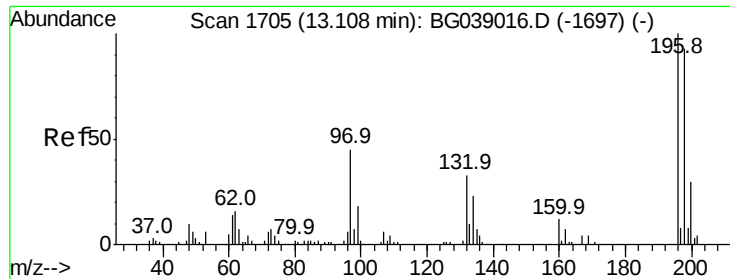


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

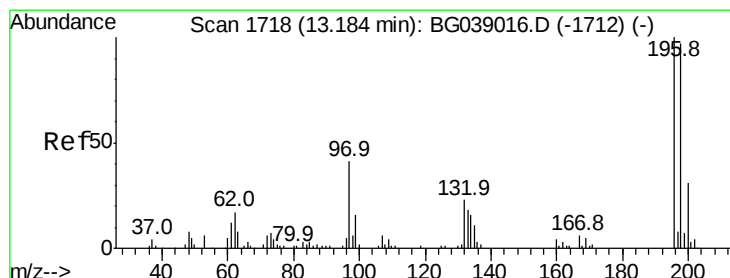
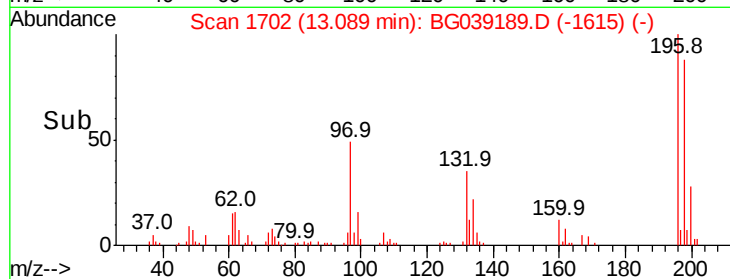
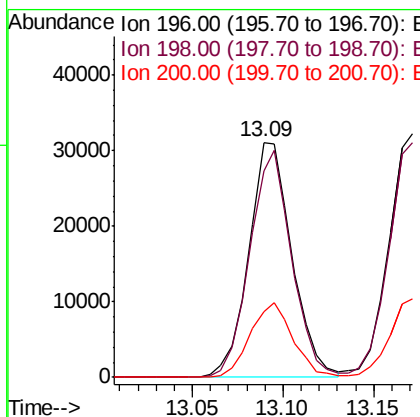
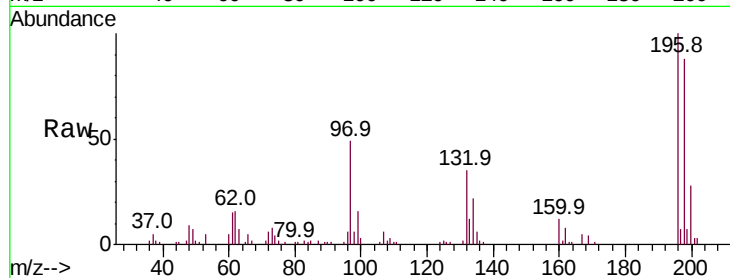




#43
 2,4,6-Trichlorophenol
 Concen: 39.597 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

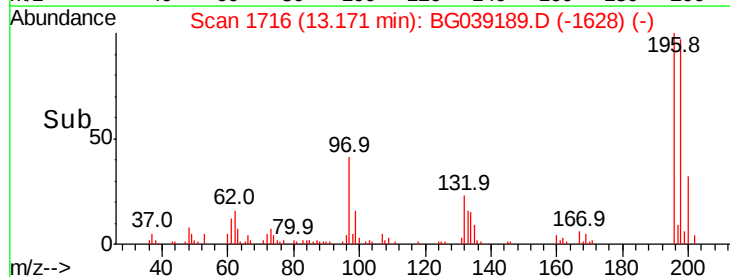
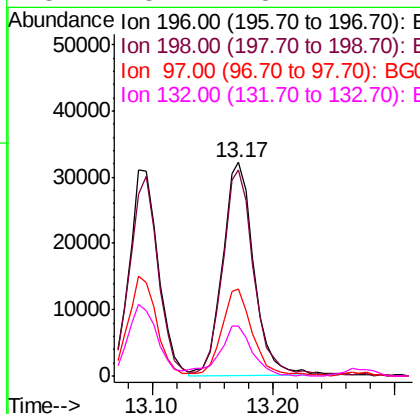
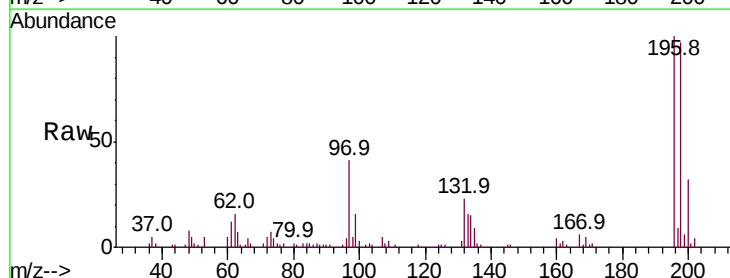
Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

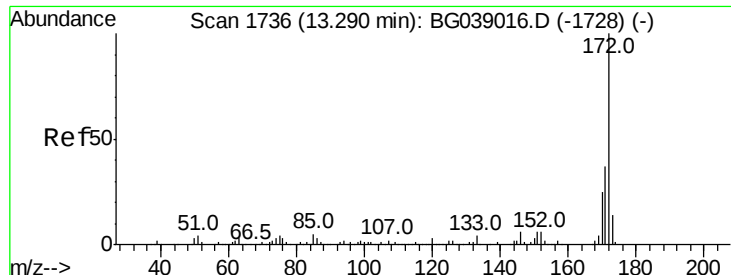
Tot Ion:196 Resp: 51730
 Ion Ratio Lower Upper
 196 100
 198 88.2 74.5 111.7
 200 28.2 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.540 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion:196 Resp: 57356
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.1 117.1
 97 41.0 33.2 49.8
 132 23.1 18.2 27.4

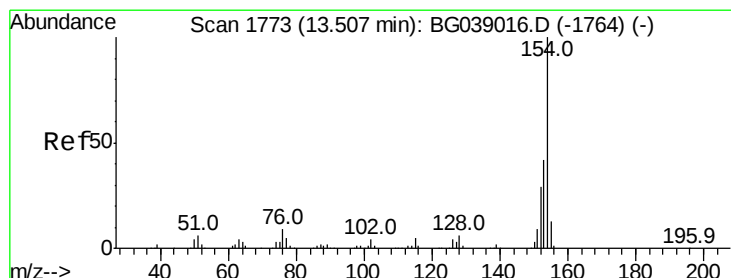
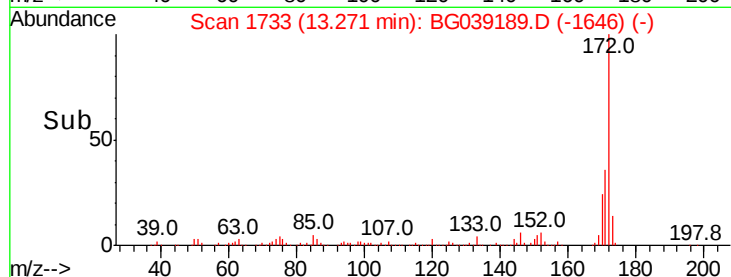
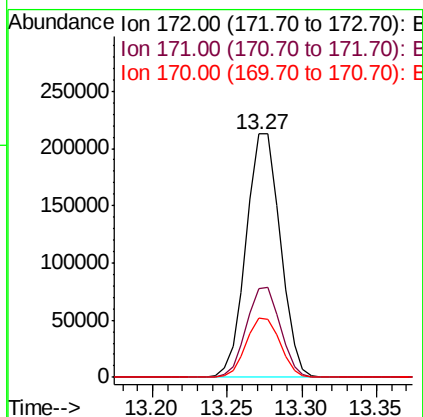
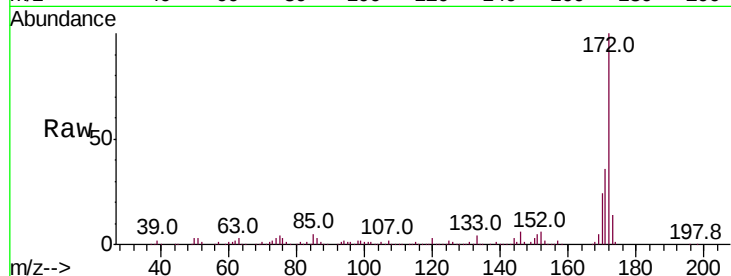




#45
2-Fluorobiphenyl
Concen: 83.380 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

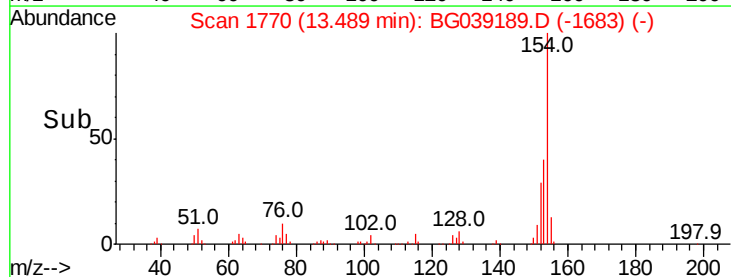
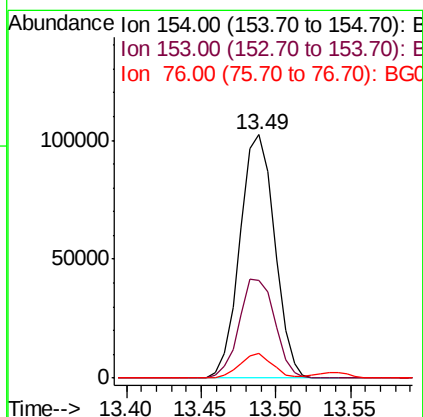
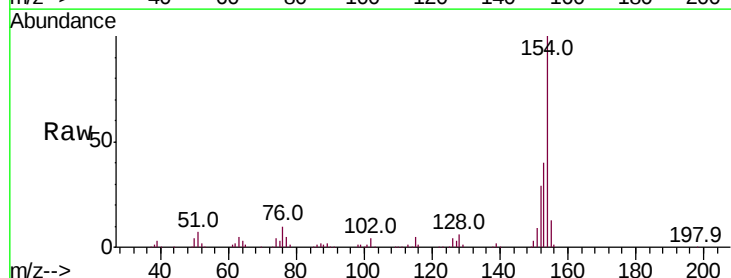
Instrument :
BNA_G
ClientSampleId :
PB116414BSD

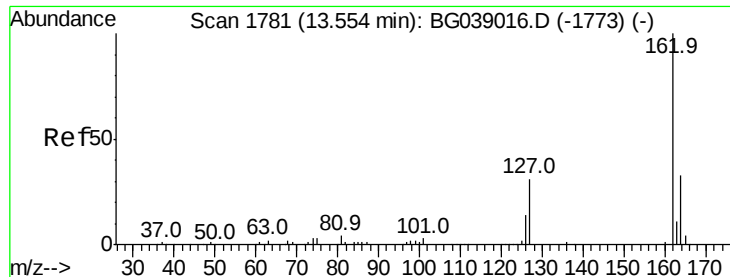
Tot Ion:172 Resp: 336734
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.2 20.1 30.1



#46
1,1'-Biphenyl
Concen: 37.822 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion:154 Resp: 165641
Ion Ratio Lower Upper
154 100
153 40.3 22.4 62.4
76 10.0 0.0 29.4

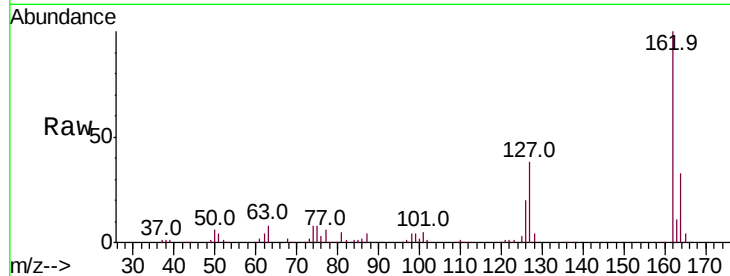




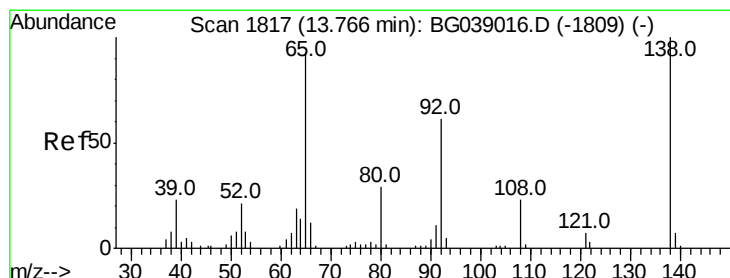
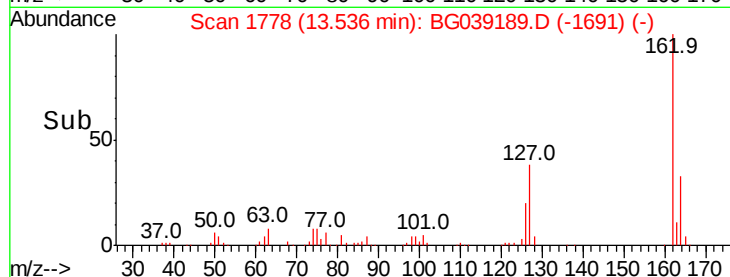
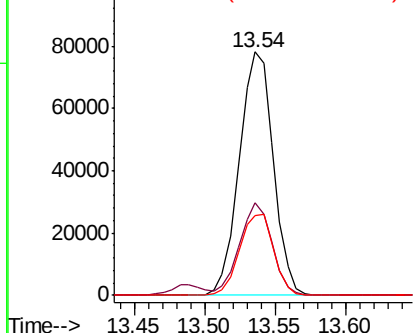
#47
2-Chloronaphthalene
Concen: 37.170 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion:162 Resp: 131731
Ion Ratio Lower Upper
162 100
127 38.0 28.4 42.6
164 32.6 26.3 39.5

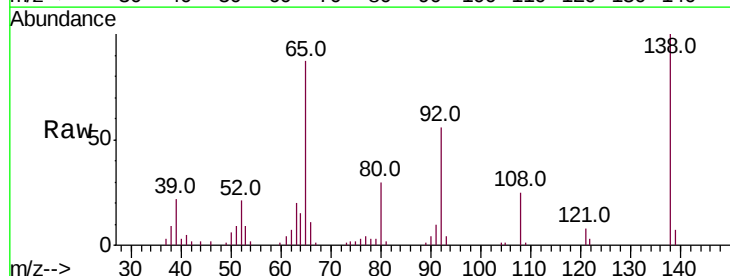


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

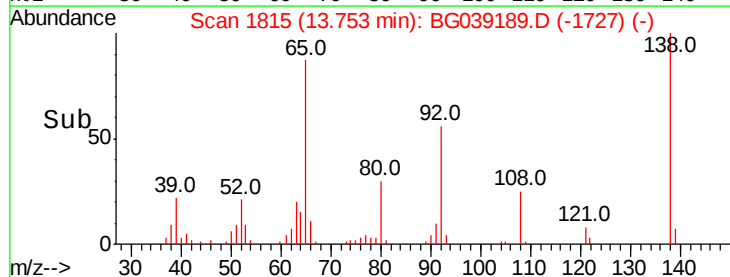
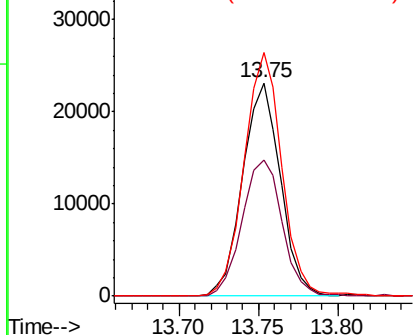


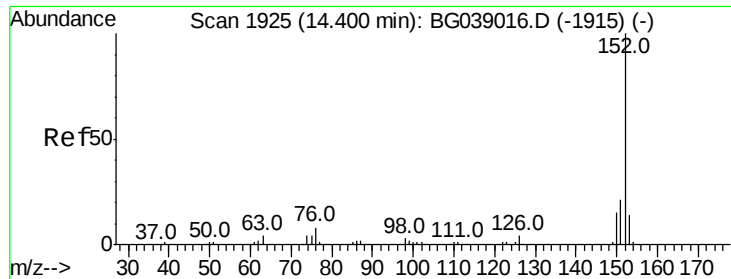
#48
2-Nitroaniline
Concen: 38.466 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion: 65 Resp: 38191
Ion Ratio Lower Upper
65 100
92 64.0 52.2 78.4
138 114.4 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: 41.708 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

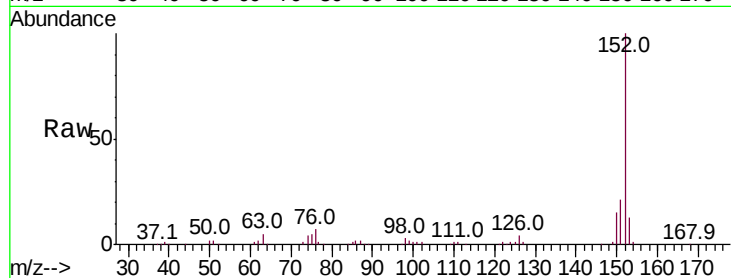
Tot Ion:152 Resp: 222170

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.4

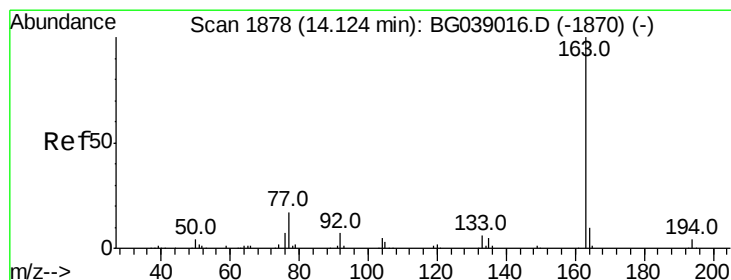
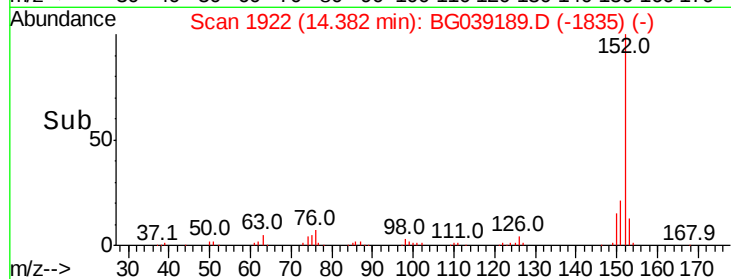
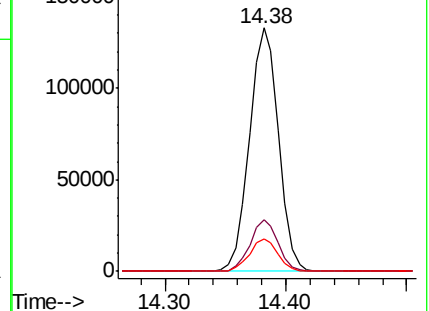
153 13.2 11.2 16.8



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: 41.584 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

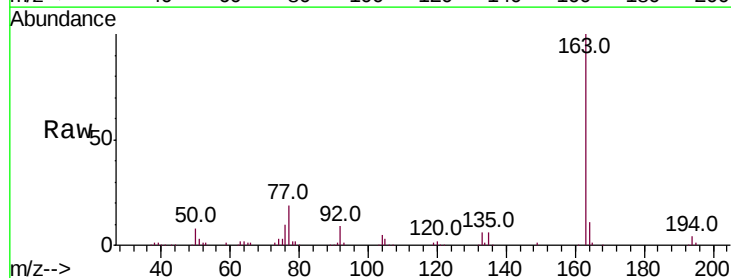
Tgt Ion:163 Resp: 194222

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

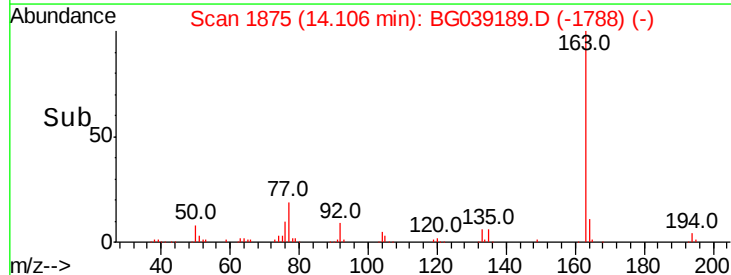
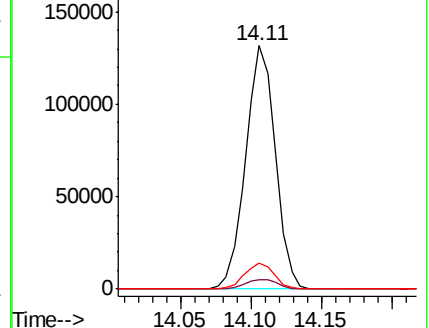
164 10.9 8.2 12.2

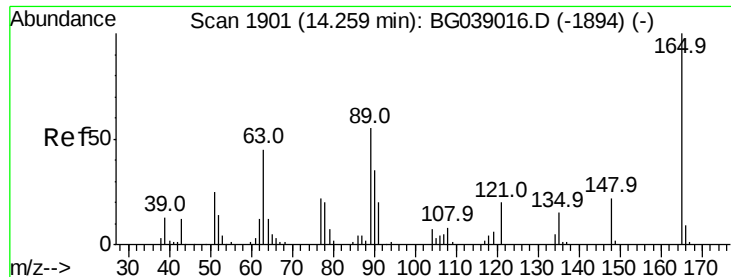


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

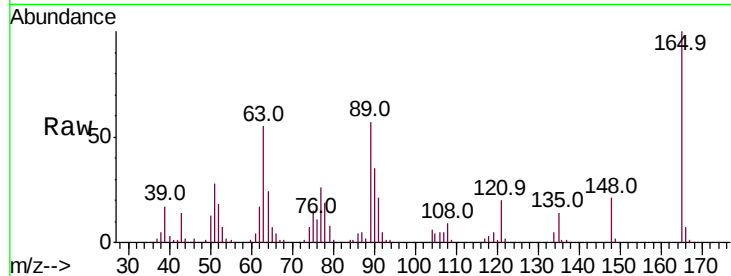




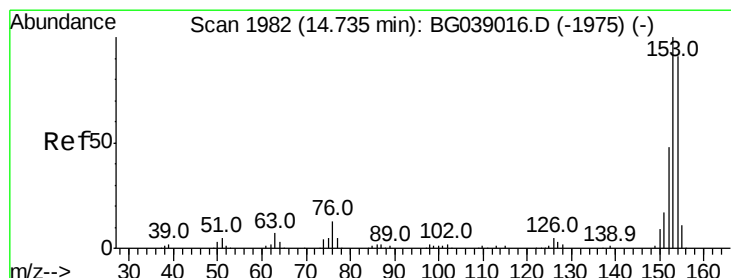
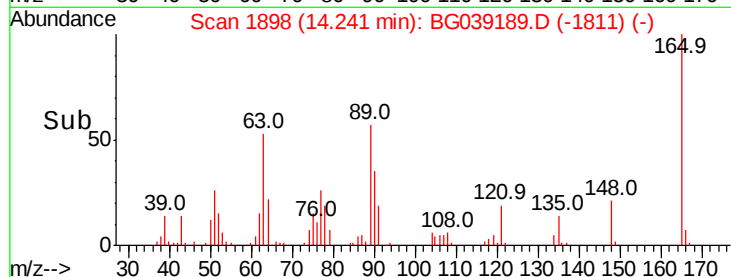
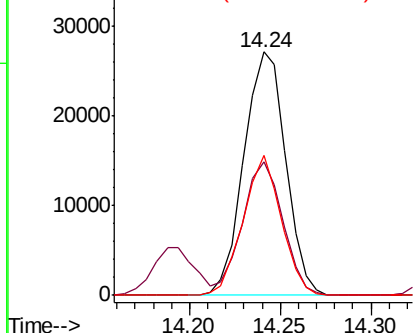
#51
 2,6-Dinitrotoluene
 Concen: 41.557 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

Tot Ion:165 Resp: 43395
 Ion Ratio Lower Upper
 165 100
 63 54.7 43.6 65.4
 89 57.3 43.7 65.5

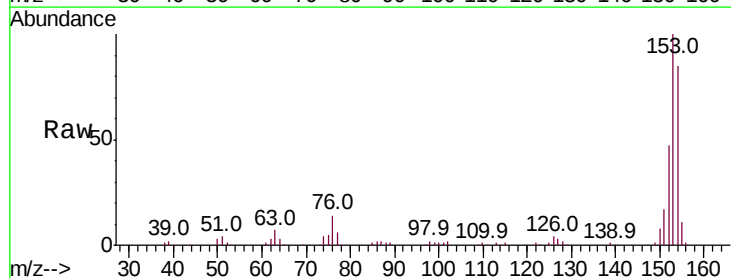


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

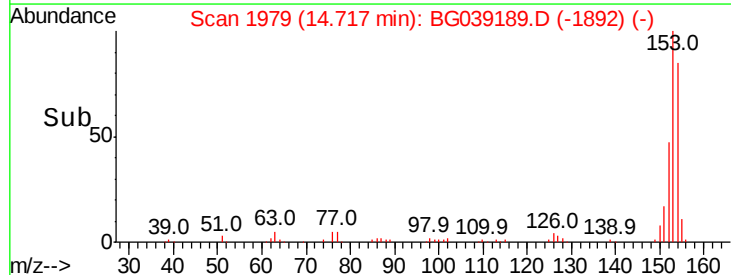
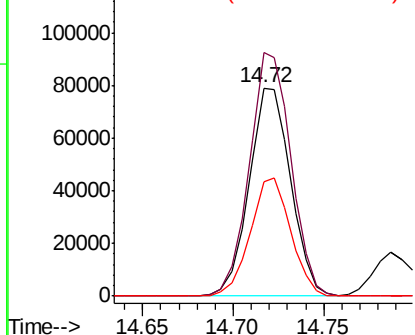


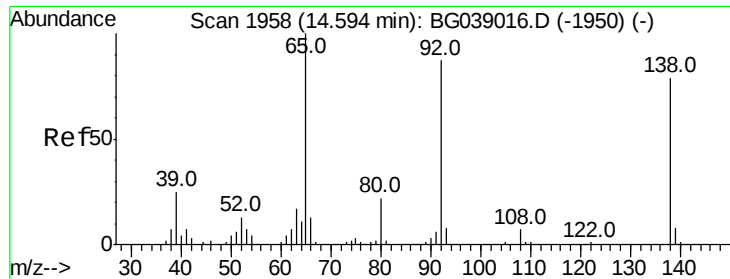
#52
 Acenaphthene
 Concen: 39.255 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion:154 Resp: 125636
 Ion Ratio Lower Upper
 154 100
 153 117.0 87.9 131.9
 152 55.1 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: 24.146 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

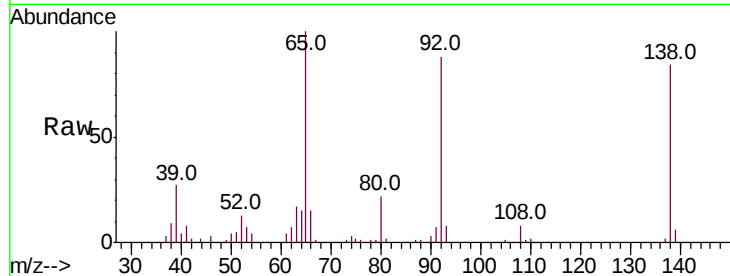
Tot Ion:138 Resp: 25578

Ion Ratio Lower Upper

138 100

108 9.8 7.4 11.0

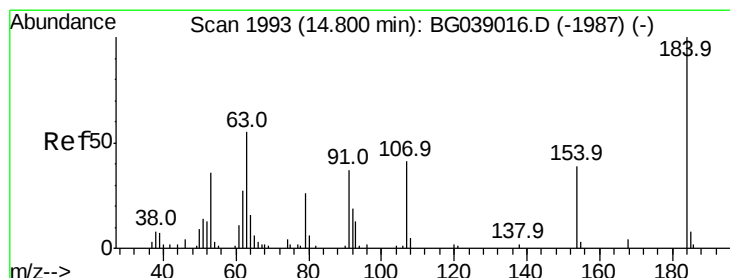
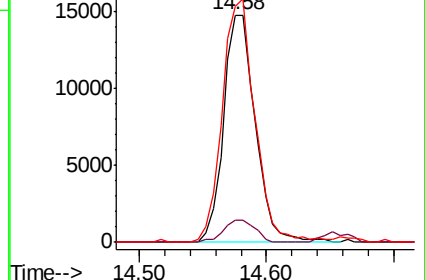
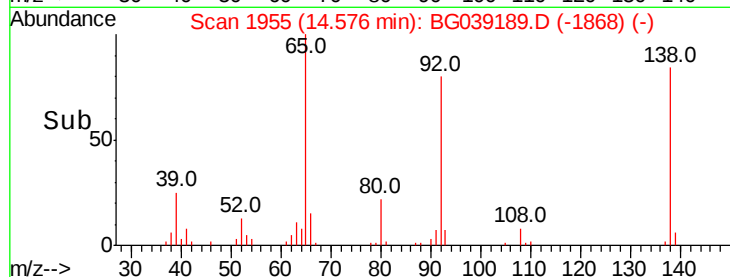
92 104.0 88.2 132.4



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: 74.870 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

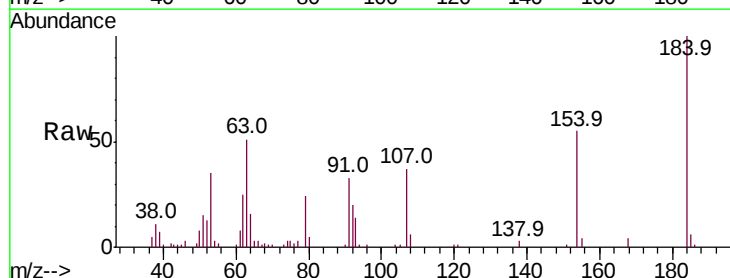
Tgt Ion:184 Resp: 46511

Ion Ratio Lower Upper

184 100

63 51.1 44.0 66.0

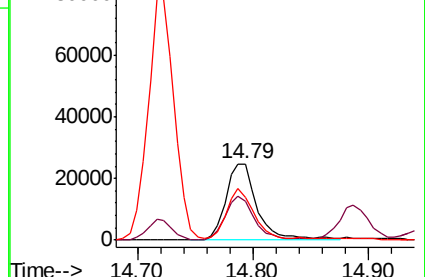
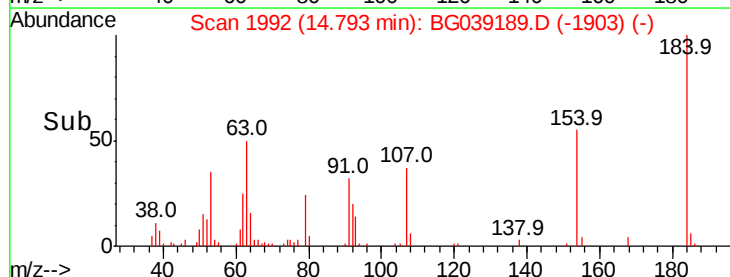
154 55.4 46.1 69.1

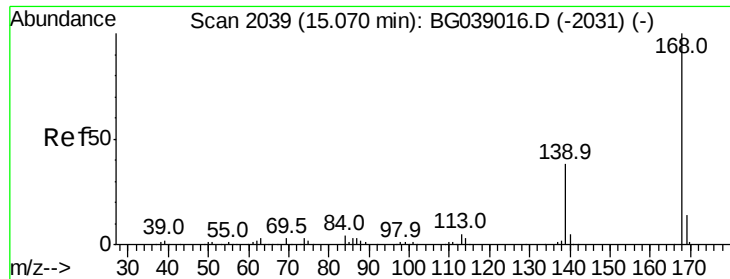


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

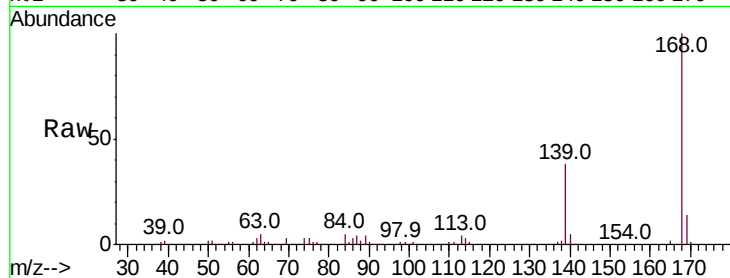




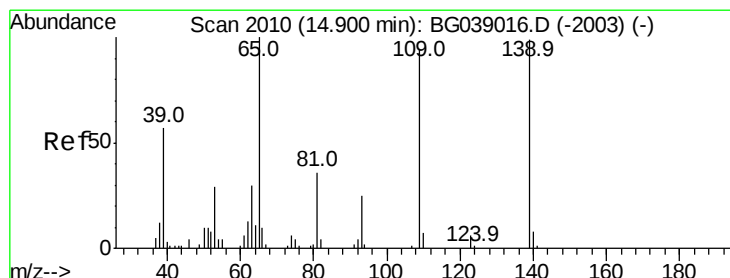
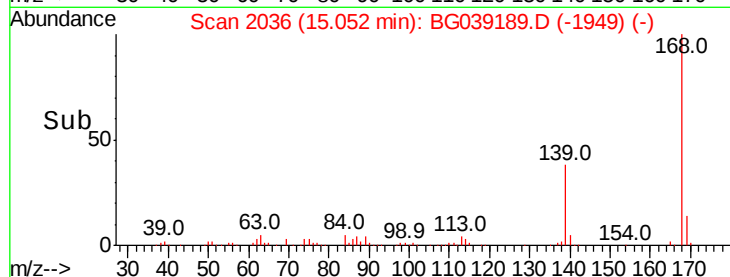
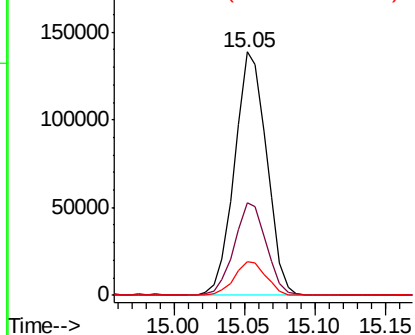
#55
Dibenzenofuran
Concen: 38.885 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion:168 Resp: 219798
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 14.1 10.9 16.3

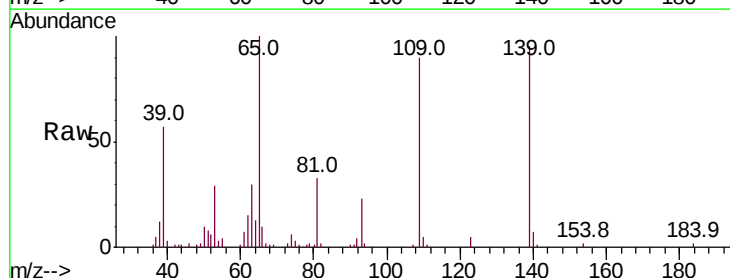


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

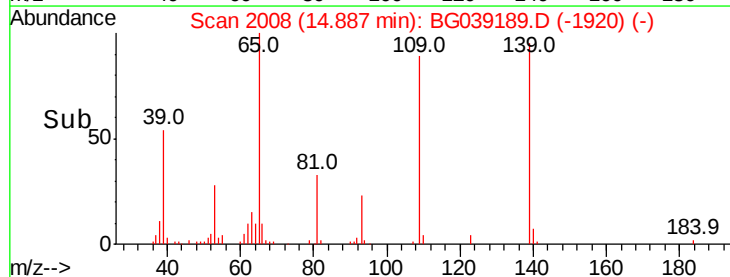
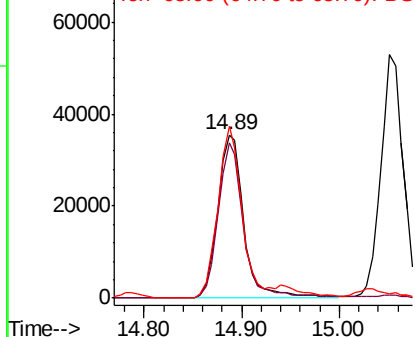


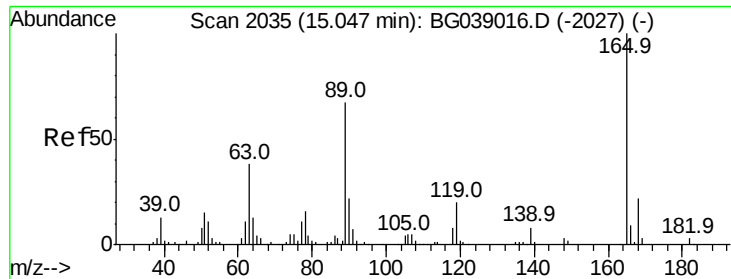
#56
4-Nitrophenol
Concen: 86.058 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion:139 Resp: 65592
Ion Ratio Lower Upper
139 100
109 94.8 75.6 115.6
65 105.4 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

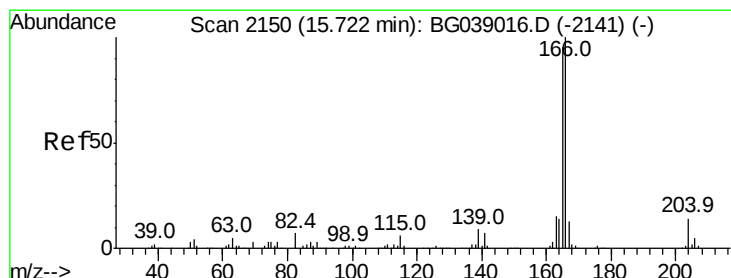
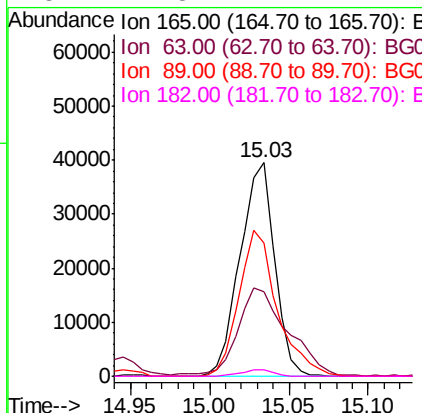
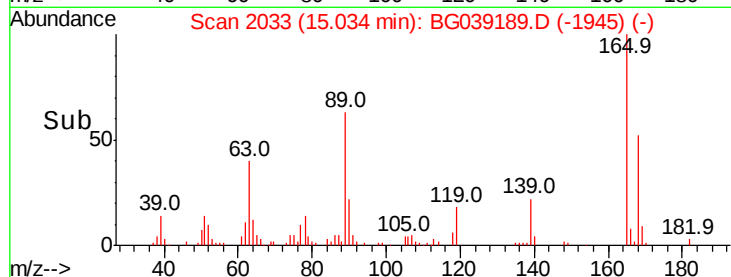
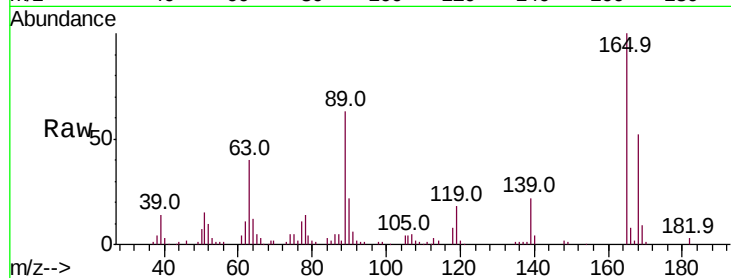




#57
2,4-Dinitrotoluene
Concen: 39.894 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

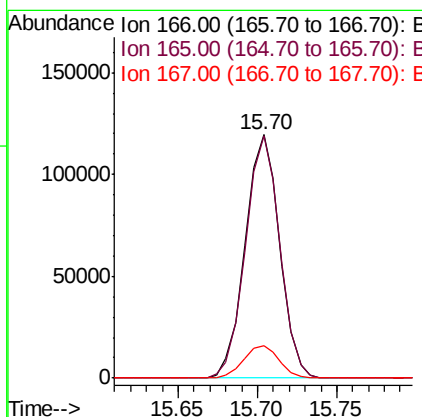
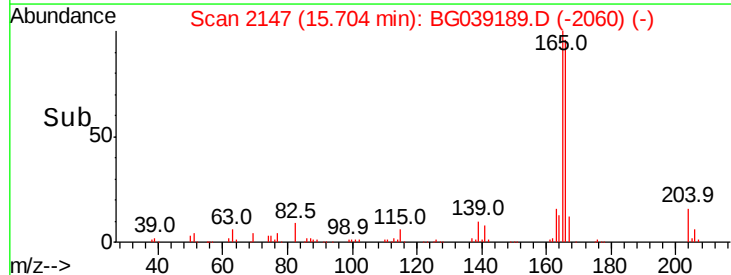
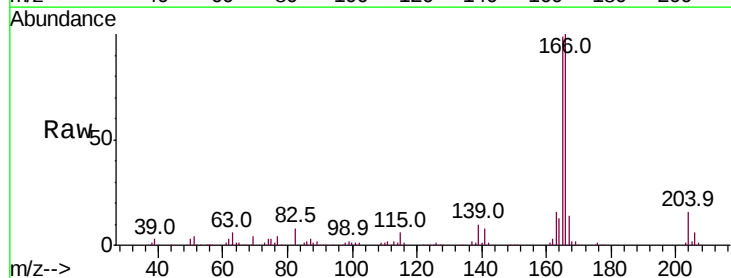
Instrument :
BNA_G
ClientSampleId :
PB116414BSD

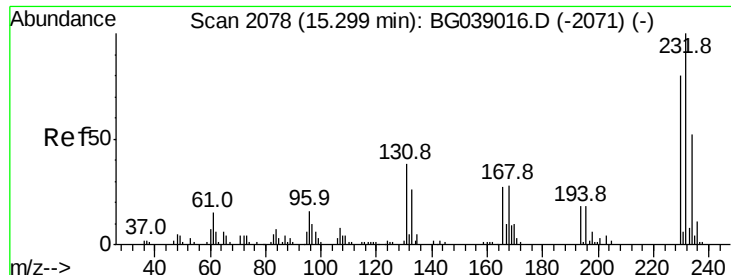
Tot Ion:165 Resp: 59766
Ion Ratio Lower Upper
165 100
63 39.5 30.2 45.4
89 62.5 53.2 79.8
182 2.8 2.7 4.1



#58
Fluorene
Concen: 42.282 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion:166 Resp: 179899
Ion Ratio Lower Upper
166 100
165 99.4 76.2 114.2
167 13.6 10.6 16.0

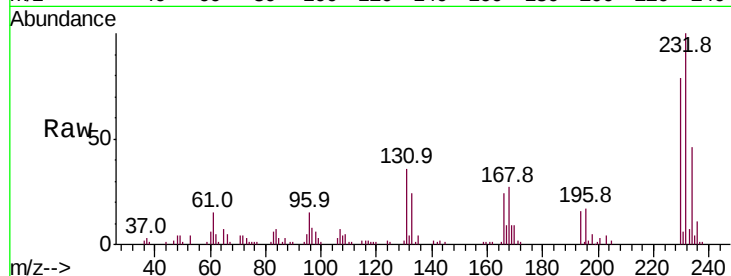




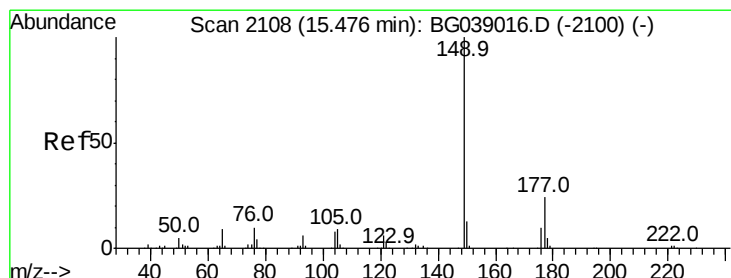
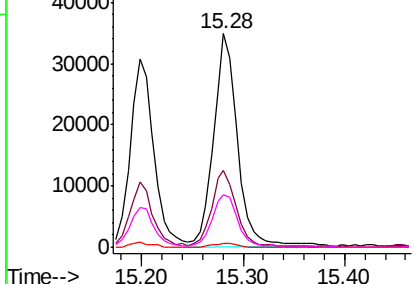
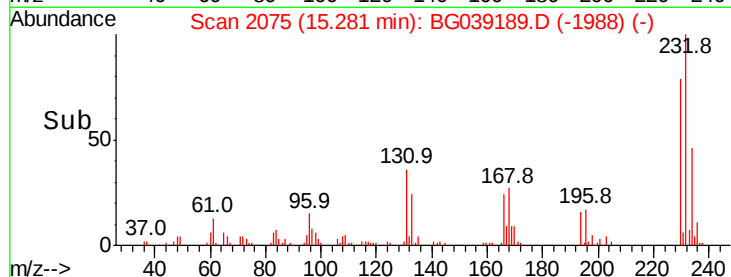
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.326 ng
RT: 15.28 min Scan# 2075
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion:232 Resp: 56471
Ion Ratio Lower Upper
232 100
131 36.4 30.9 46.3
130 1.9 1.9 2.9#
166 27.4 22.1 33.1

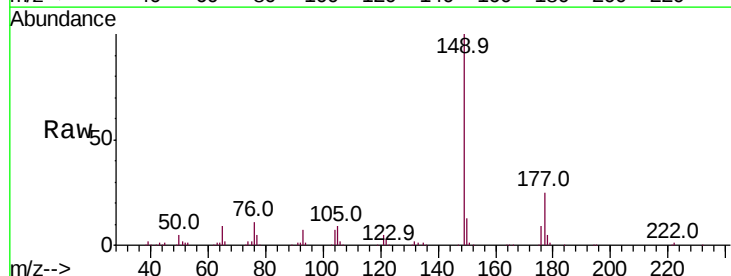


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

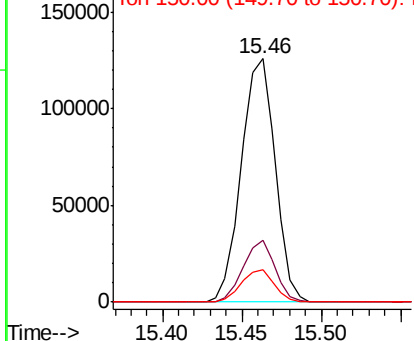
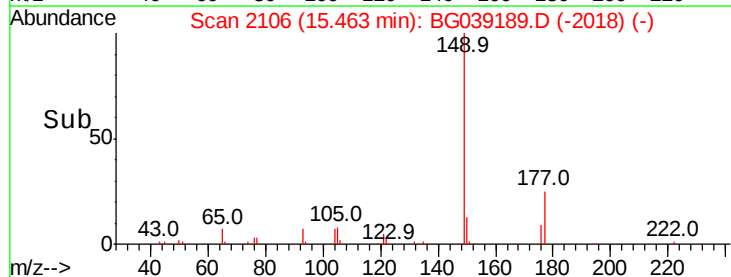


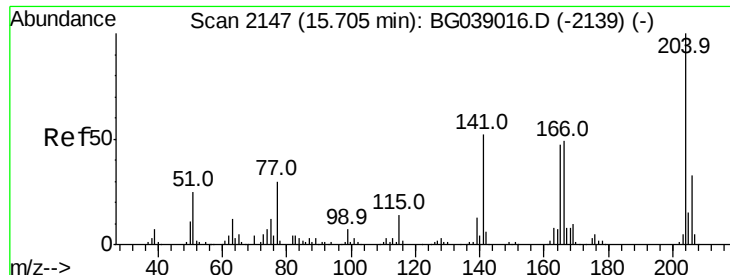
#60
Diethylphthalate
Concen: 38.808 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion:149 Resp: 186747
Ion Ratio Lower Upper
149 100
177 25.3 19.0 28.6
150 13.1 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

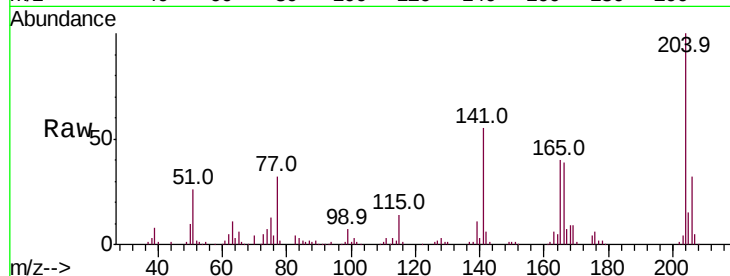




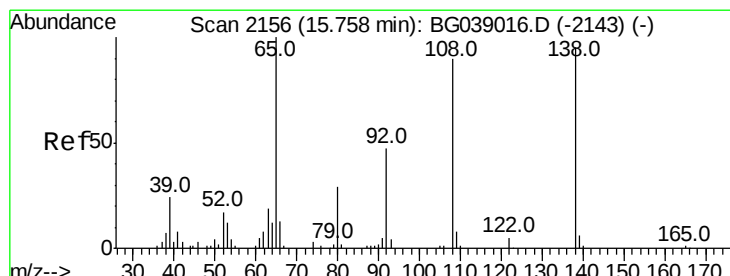
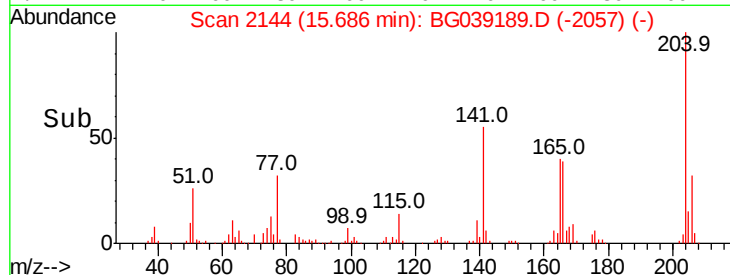
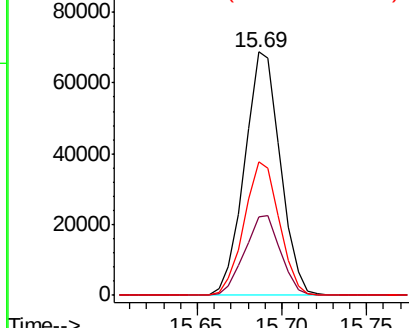
#61
4-Chlorophenyl-phenylether
Concen: 37.696 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion:204 Resp: 101043
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 55.0 41.4 62.0

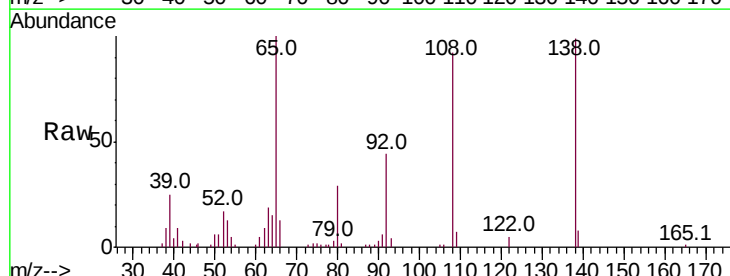


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

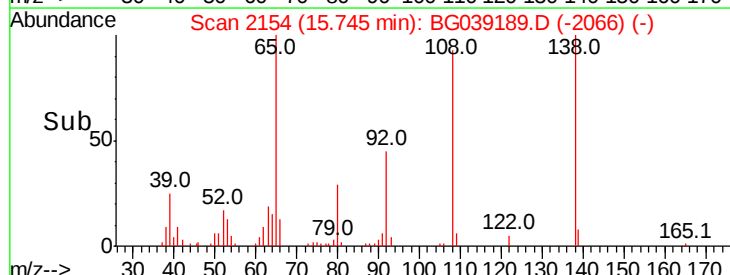
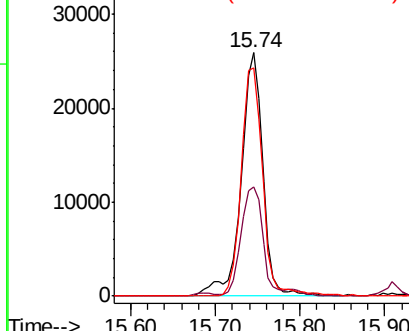


#62
4-Nitroaniline
Concen: 41.524 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion:138 Resp: 45822
Ion Ratio Lower Upper
138 100
92 44.9 29.7 69.7
108 93.7 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: 38.744 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

Tot Ion: 77 Resp: 145800

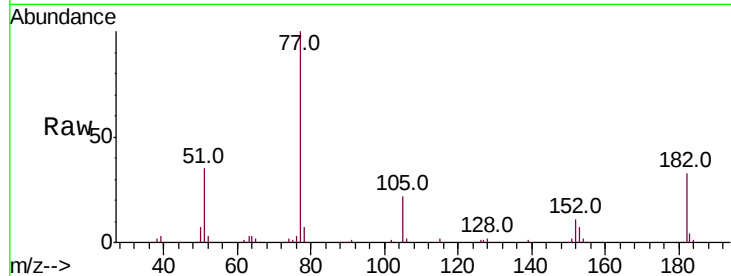
Ion Ratio Lower Upper

77 100

182 32.7 12.2 52.2

105 21.8 1.2 41.2

51 34.6 13.4 53.4

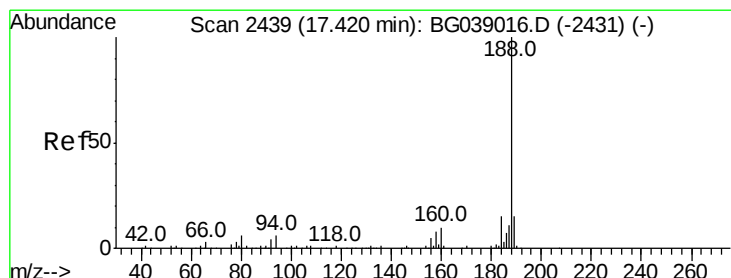
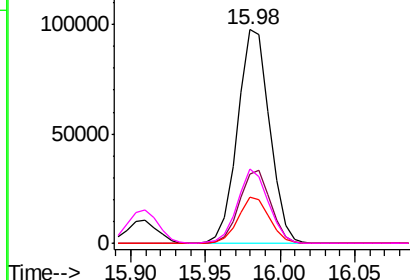
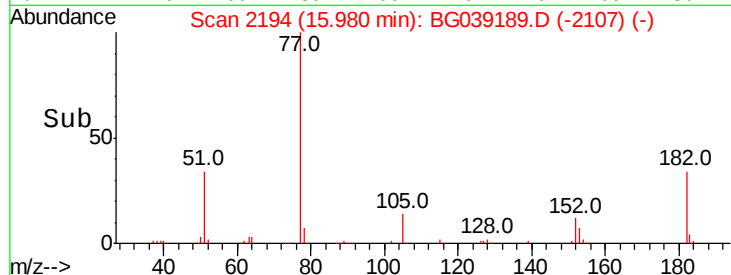


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2437

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

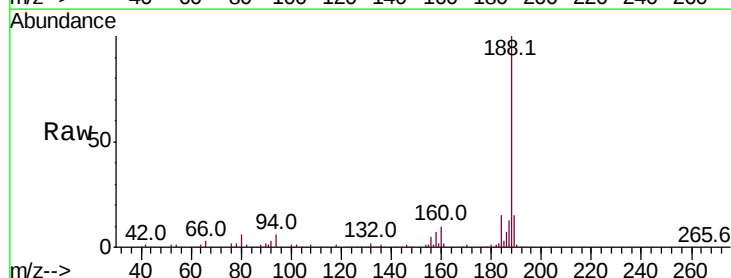
Tgt Ion: 188 Resp: 140430

Ion Ratio Lower Upper

188 100

94 5.5 5.0 7.4

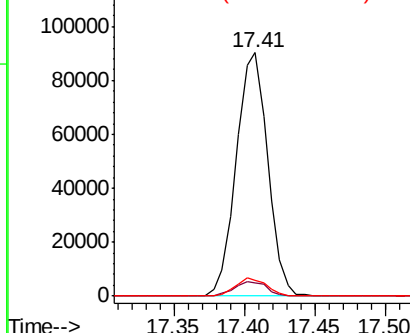
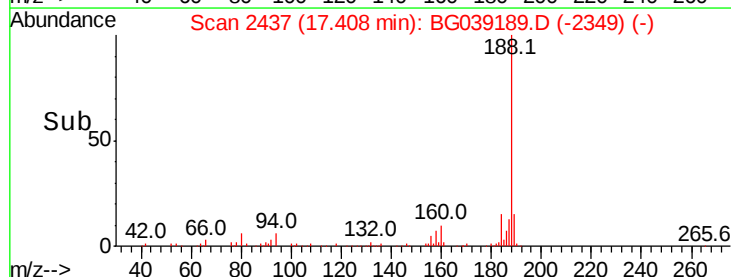
80 6.5 4.7 7.1

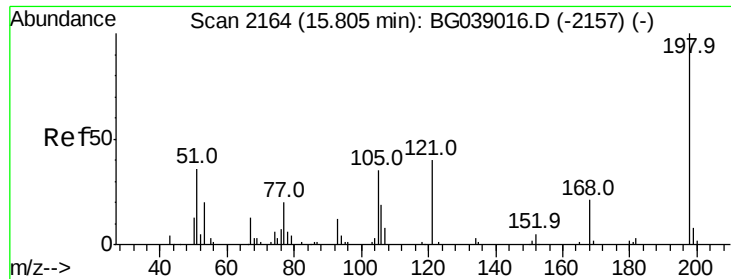


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

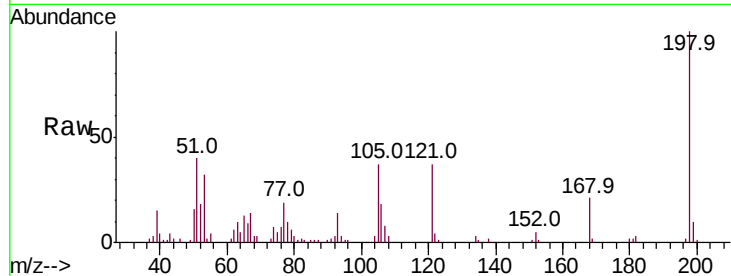




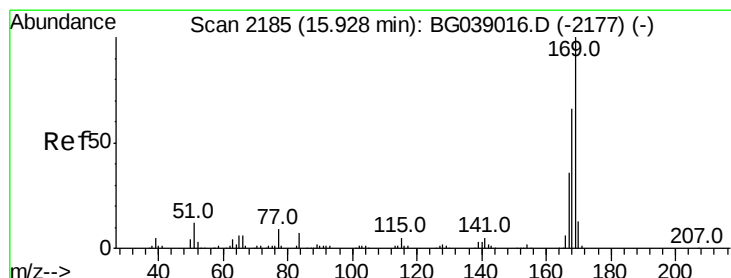
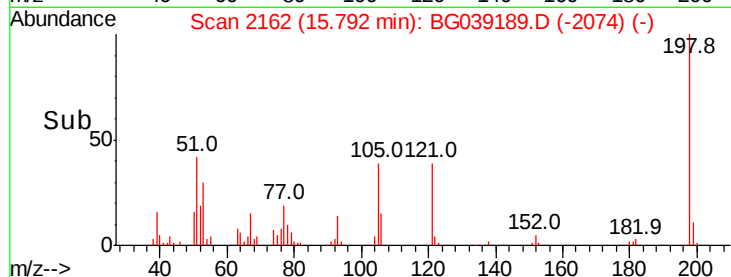
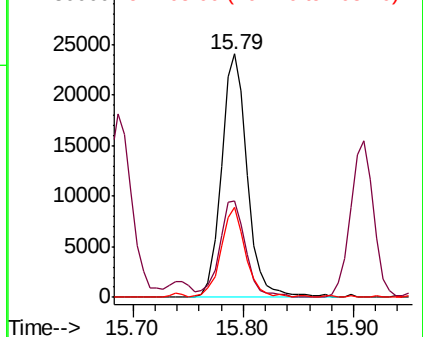
#65
4,6-Dinitro-2-methylphenol
Concen: 37.636 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion:198 Resp: 39156
Ion Ratio Lower Upper
198 100
51 39.7 20.8 60.8
105 36.9 16.1 56.1

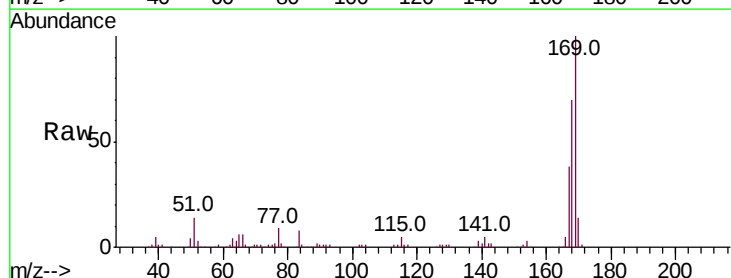


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

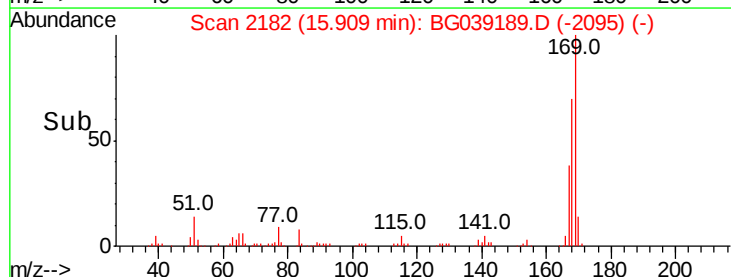
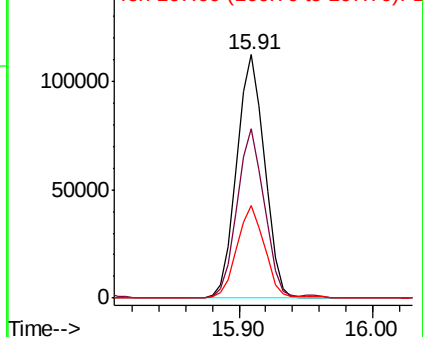


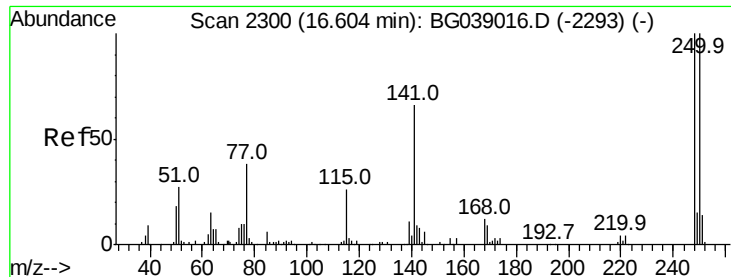
#66
n-Nitrosodiphenylamine
Concen: 38.979 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion:169 Resp: 162272
Ion Ratio Lower Upper
169 100
168 69.8 53.2 79.8
167 38.1 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

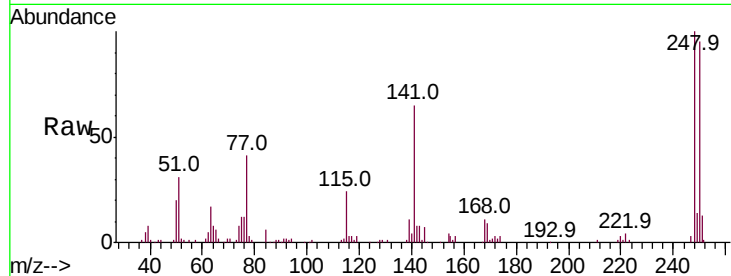




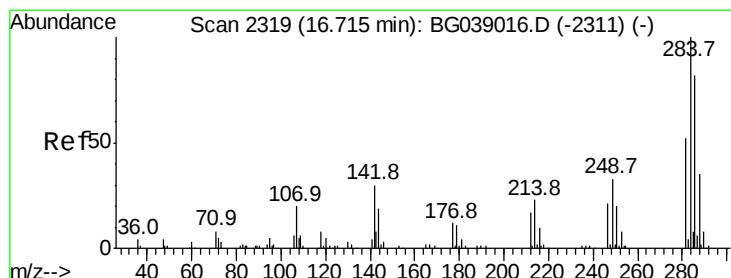
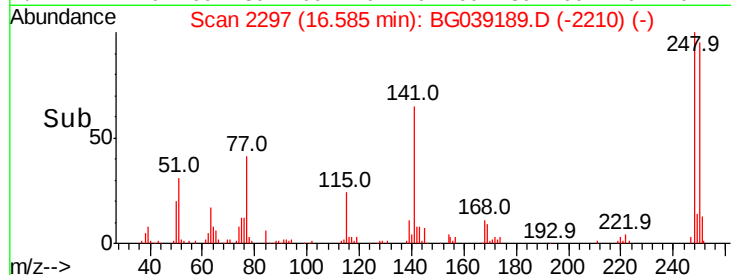
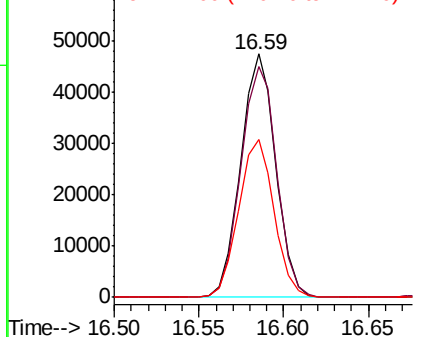
#67
 4-Bromophenyl-phenylether
 Concen: 37.836 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

Tot Ion:248 Resp: 68300
 Ion Ratio Lower Upper
 248 100
 250 94.7 79.9 119.9
 141 64.9 52.7 79.1

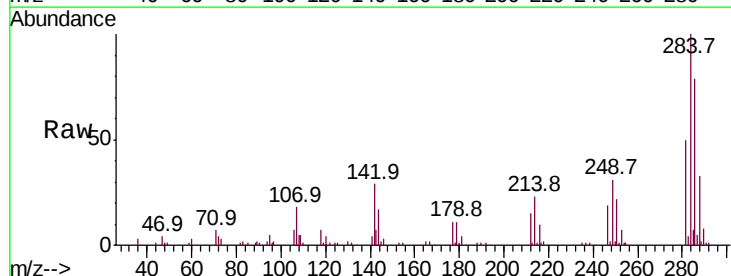


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

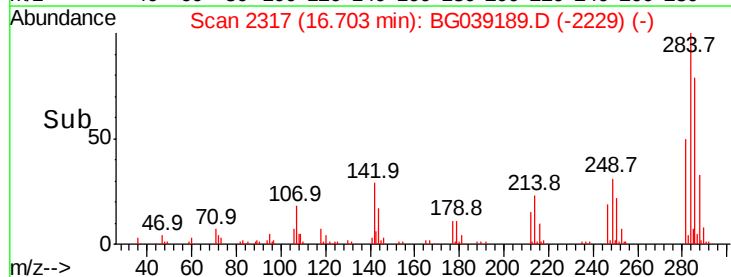
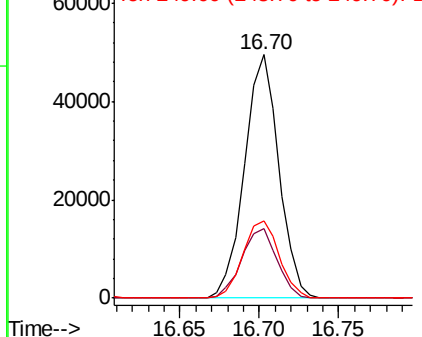


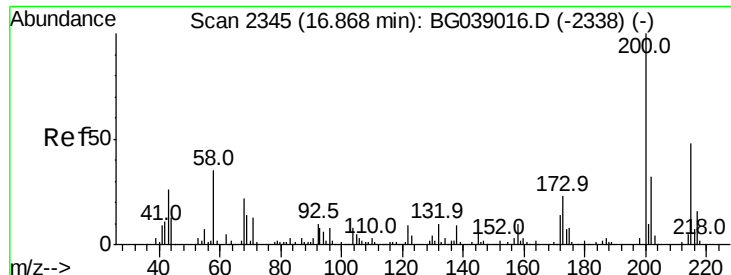
#68
 Hexachlorobenzene
 Concen: 37.864 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion:284 Resp: 74584
 Ion Ratio Lower Upper
 284 100
 142 28.7 24.3 36.5
 249 33.8 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: 43.091 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

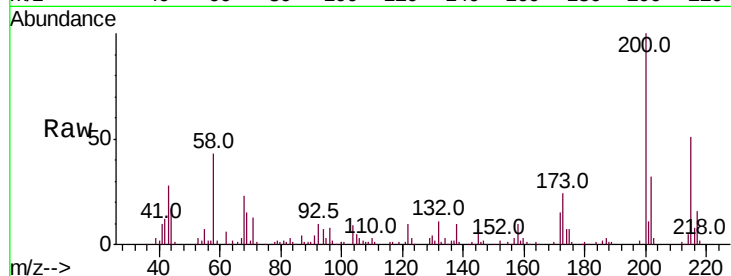
Tot Ion:200 Resp: 76208

Ion Ratio Lower Upper

200 100

173 23.7 2.6 42.6

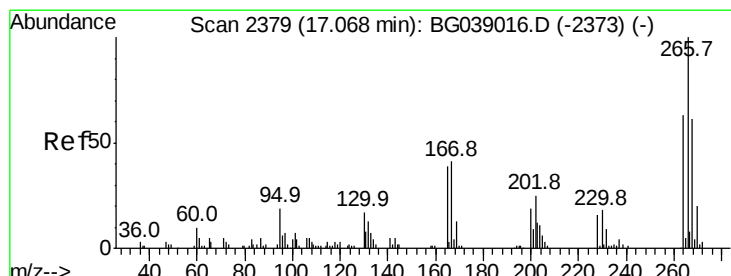
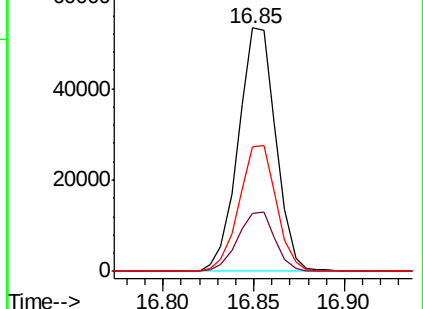
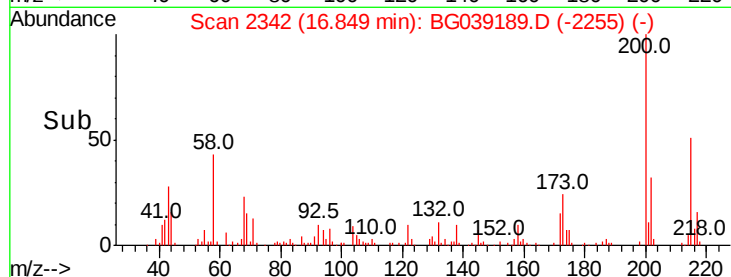
215 51.0 28.0 68.0



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: 66.033 ng

RT: 17.06 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

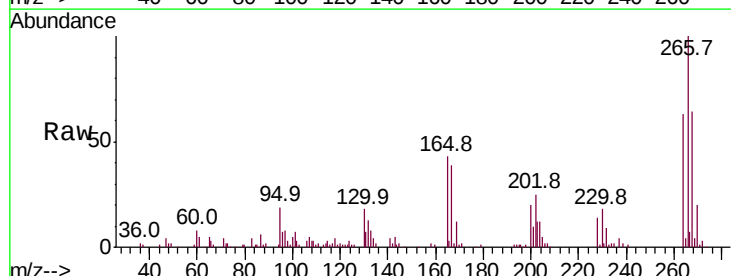
Tgt Ion:266 Resp: 79035

Ion Ratio Lower Upper

266 100

268 68.4 52.0 78.0

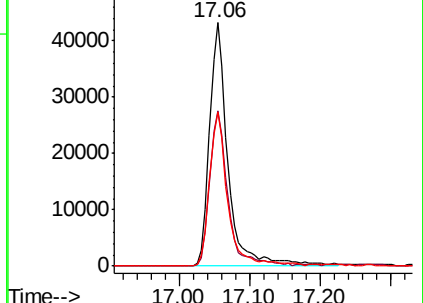
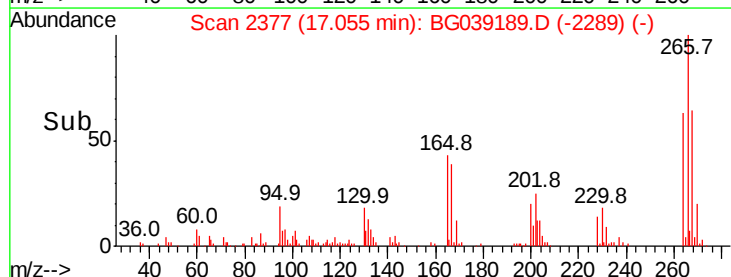
264 63.3 54.6 81.8

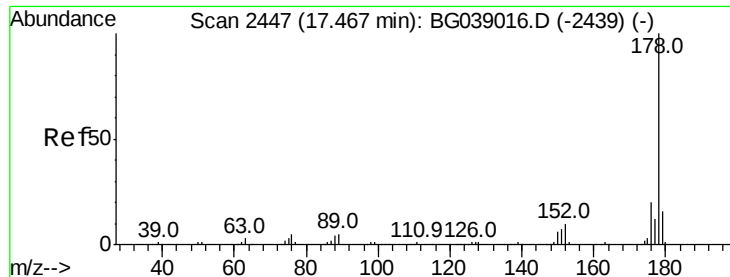


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

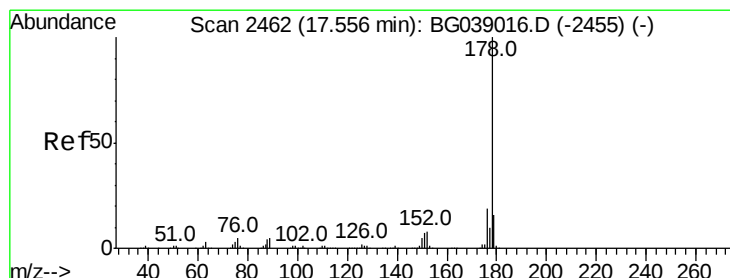
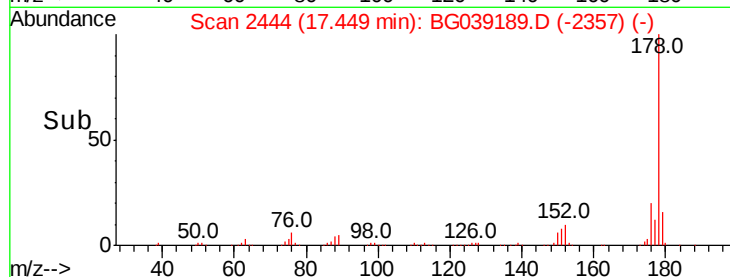
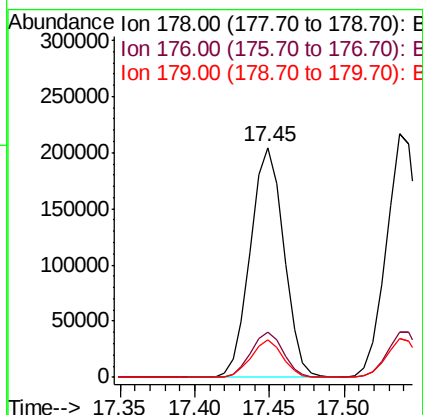
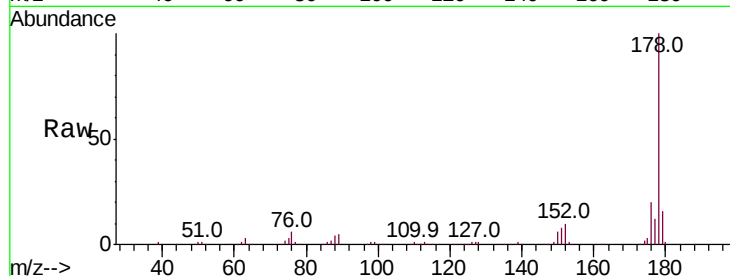




#71
Phenanthrene
Concen: 42.666 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

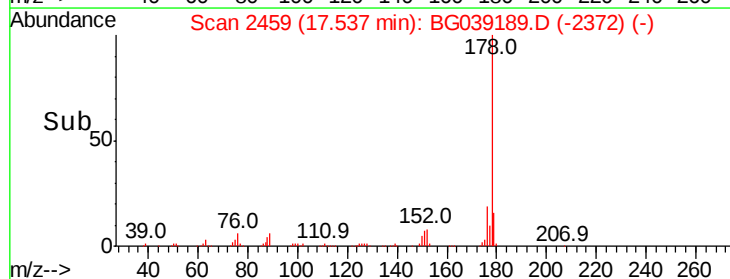
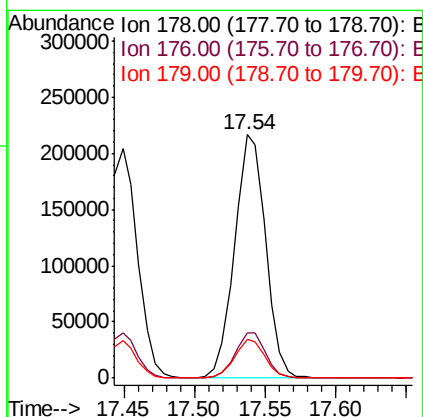
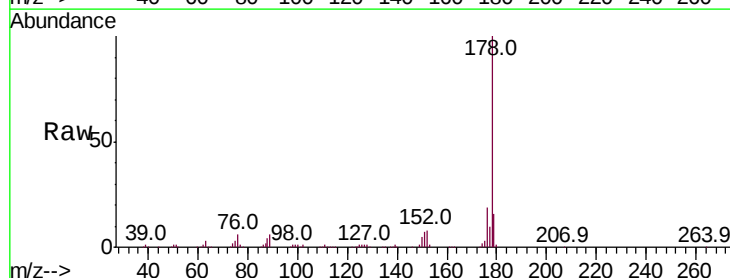
Instrument :
BNA_G
ClientSampleId :
PB116414BSD

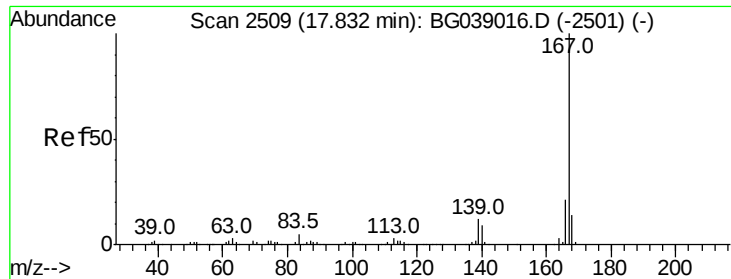
Tot Ion:178 Resp: 316696
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 16.3 12.9 19.3



#72
Anthracene
Concen: 45.118 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion:178 Resp: 331125
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 16.0 13.0 19.4

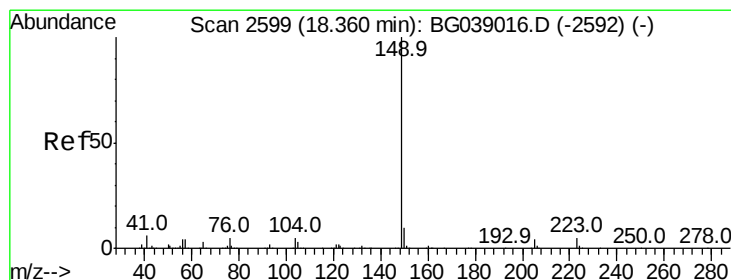
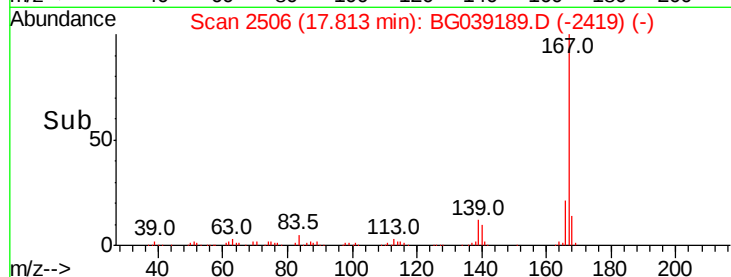
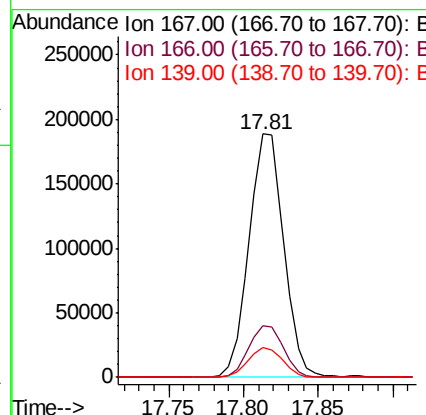
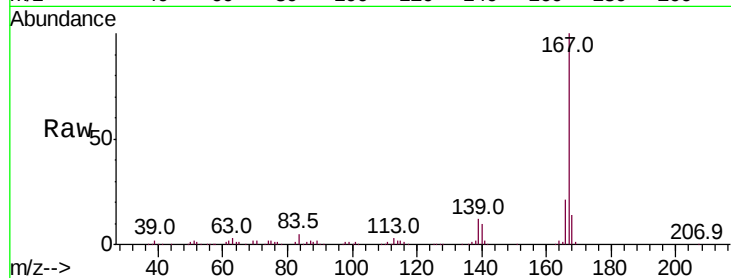




#73
 Carbazole
 Concen: 41.788 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

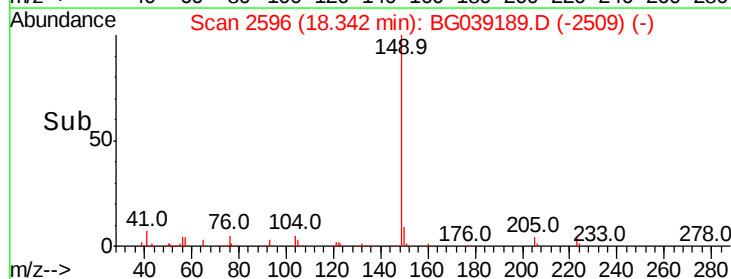
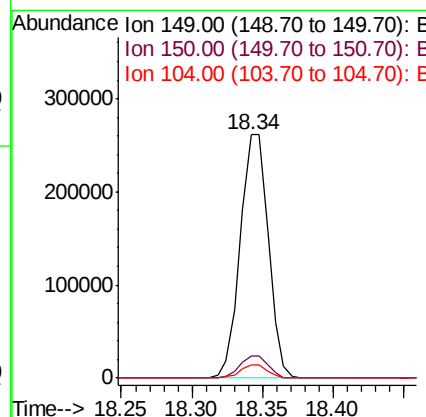
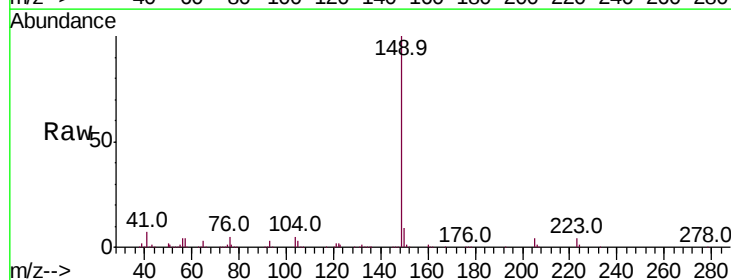
Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

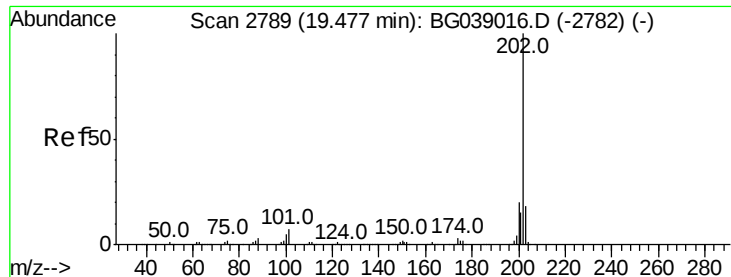
Tot Ion:167 Resp: 302753
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.9 25.3
 139 12.3 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 45.221 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion:149 Resp: 364475
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.9 11.9
 104 5.5 4.2 6.2





#75

Fluoranthene

Concen: 47.725 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

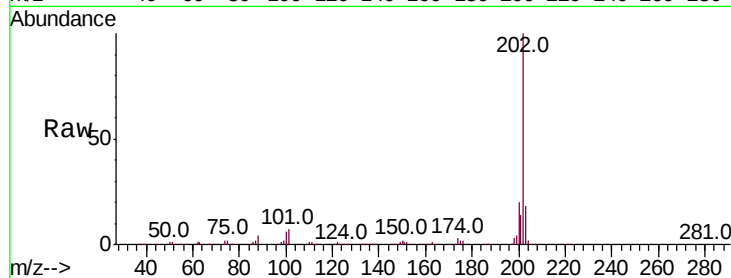
Tot Ion:202 Resp: 439160

Ion Ratio Lower Upper

202 100

101 7.4 0.0 26.9

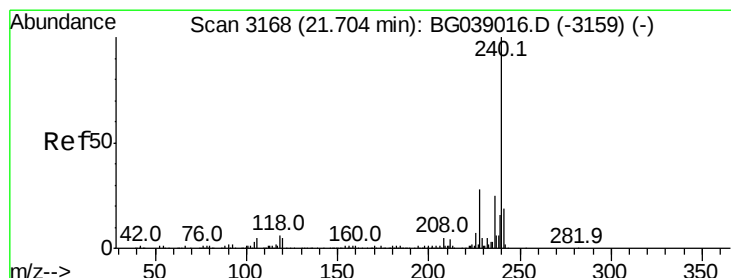
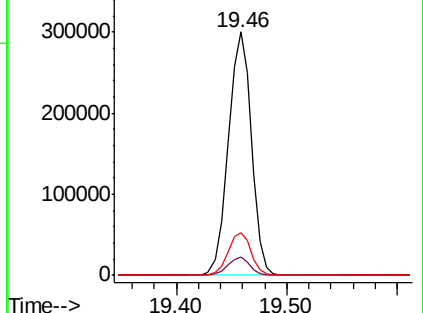
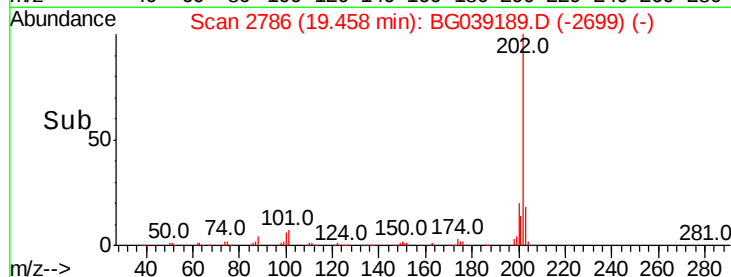
203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

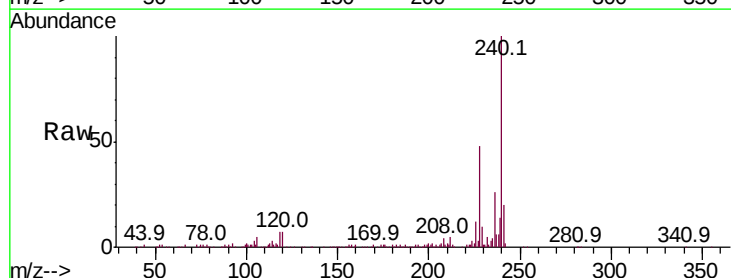
Tgt Ion:240 Resp: 166378

Ion Ratio Lower Upper

240 100

120 6.9 4.3 6.5#

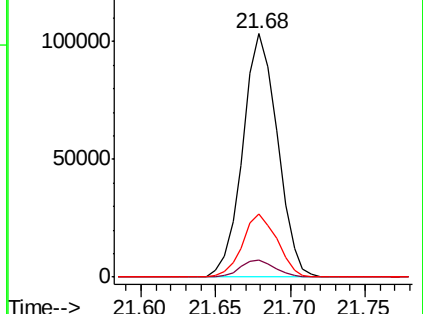
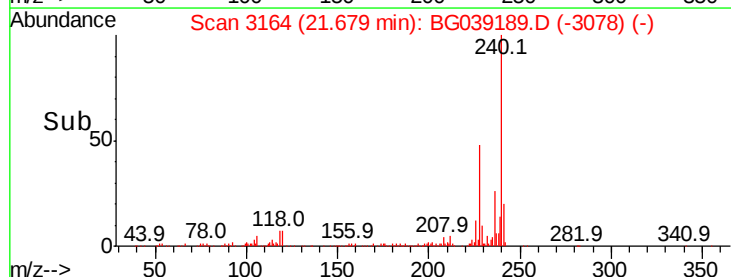
236 26.1 20.1 30.1

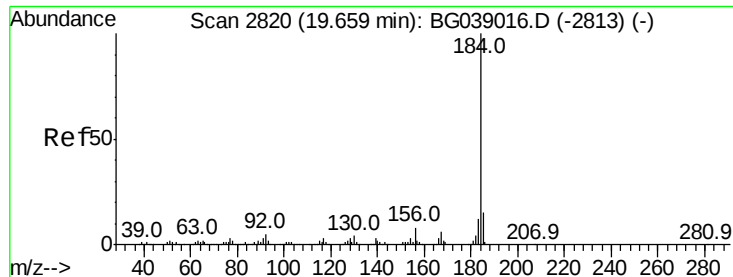


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.012 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

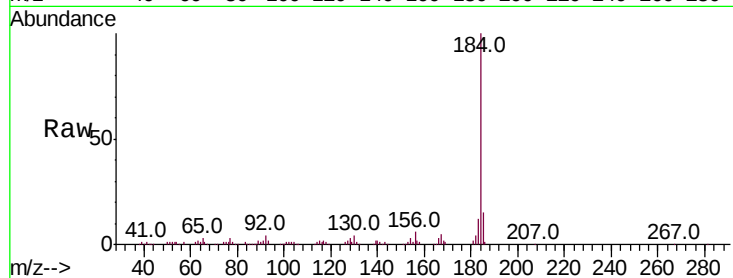
Tot Ion:184 Resp: 157814

Ion Ratio Lower Upper

184 100

185 14.9 12.1 18.1

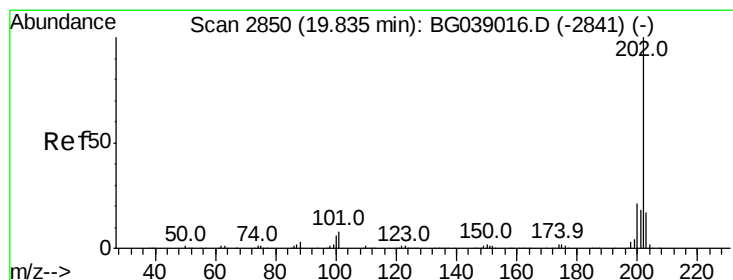
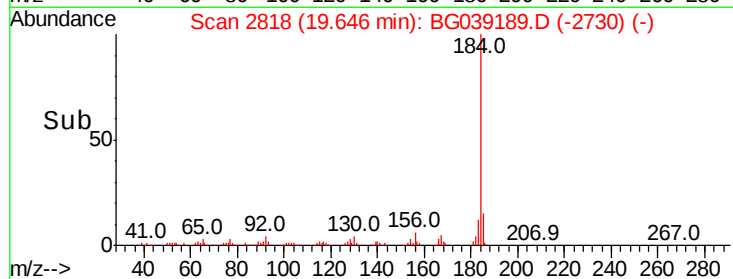
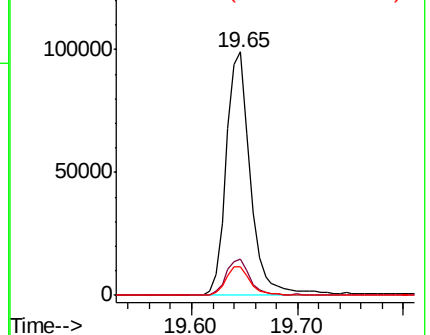
183 11.8 9.5 14.3



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: 41.011 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

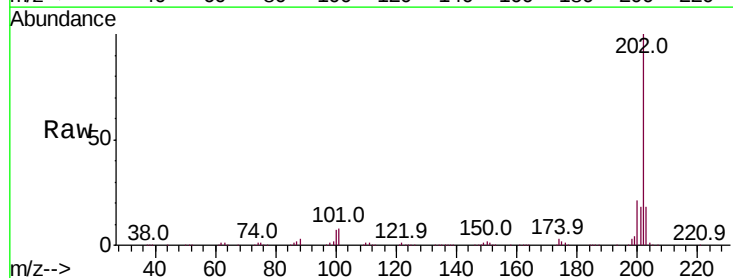
Tgt Ion:202 Resp: 434843

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

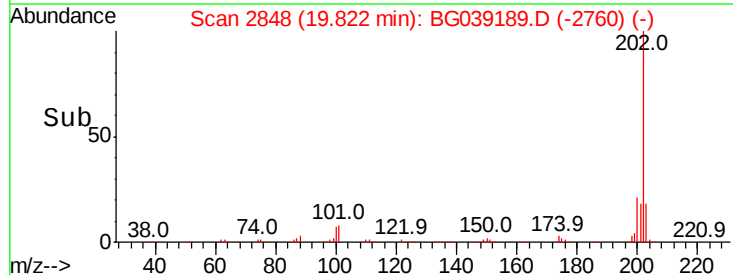
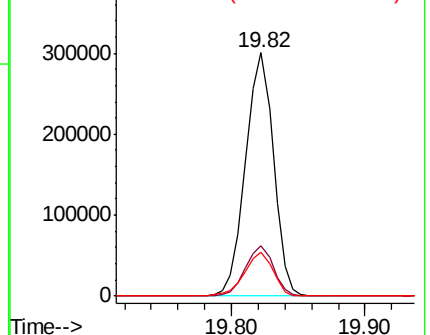
203 17.9 14.0 21.0

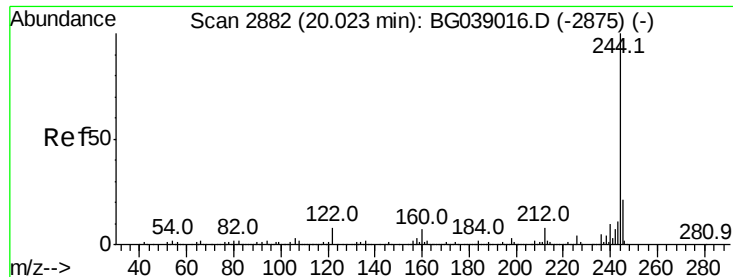


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.952 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

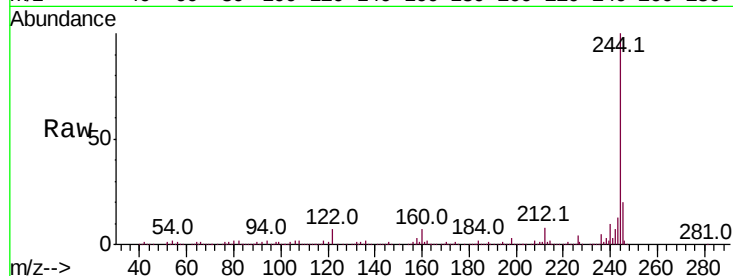
Tot Ion:244 Resp: 737070

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

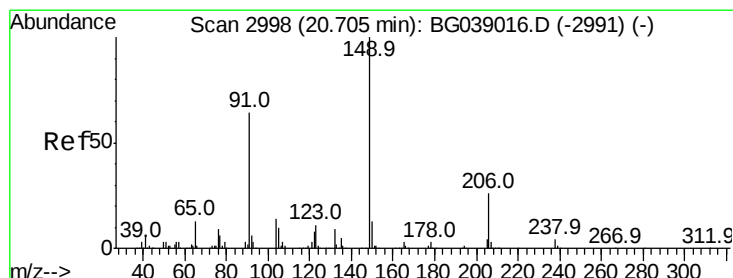
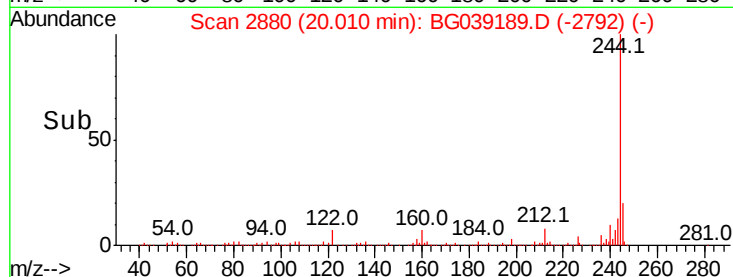
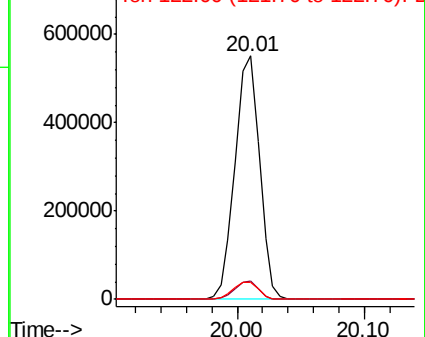
122 6.9 6.1 9.1



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: 41.008 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

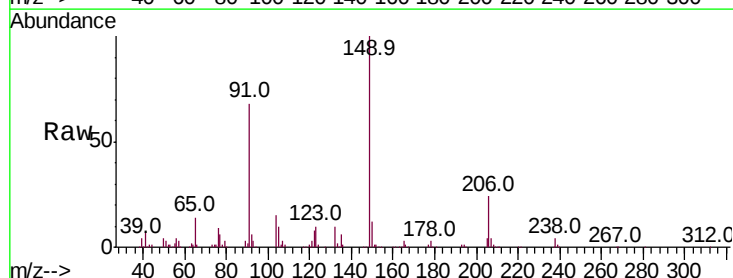
Tgt Ion:149 Resp: 165373

Ion Ratio Lower Upper

149 100

91 67.6 51.4 77.0

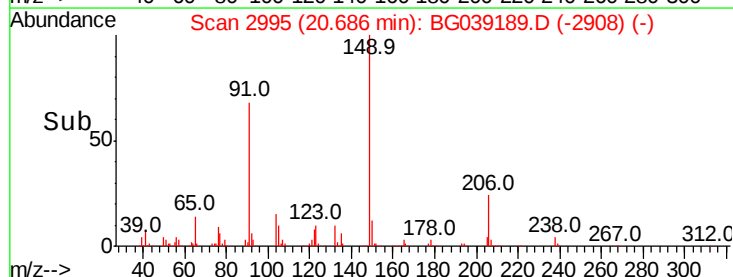
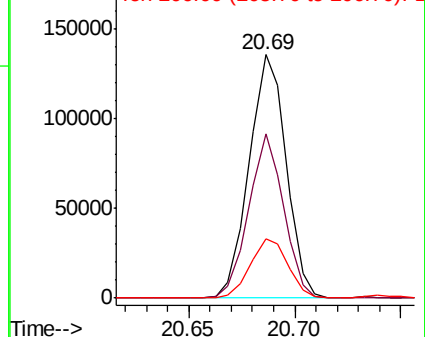
206 24.5 20.4 30.6

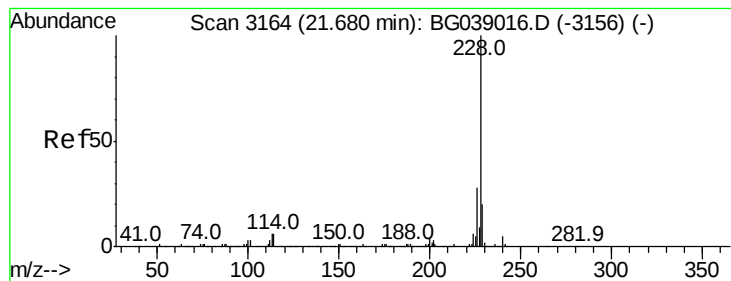


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.037 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

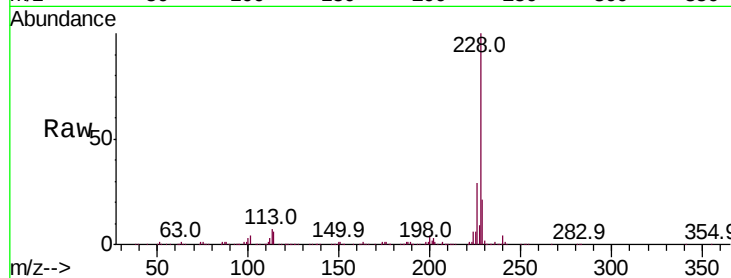
BNA_G

ClientSampleId :

PB116414BSD

Tot Ion:228 Resp: 425758

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.7	16.2	24.2

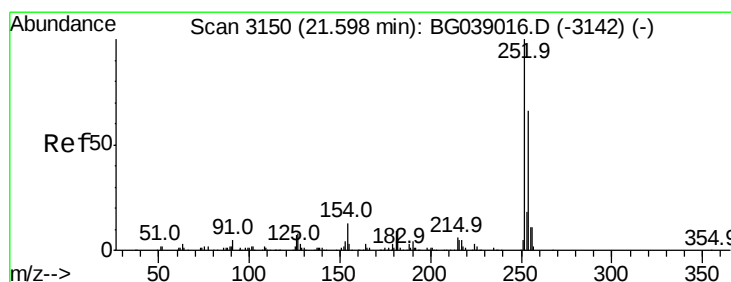
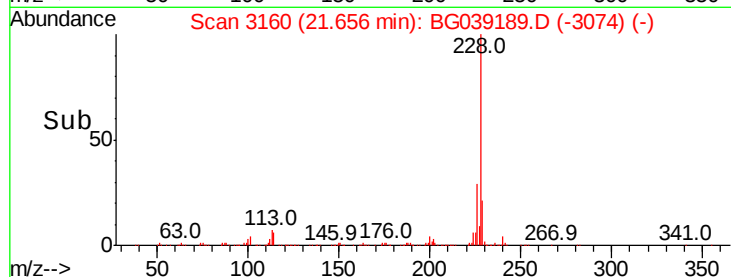
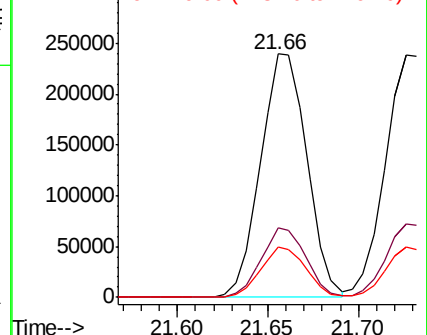


Abundance

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: 24.675 ng

RT: 21.57 min Scan# 3146

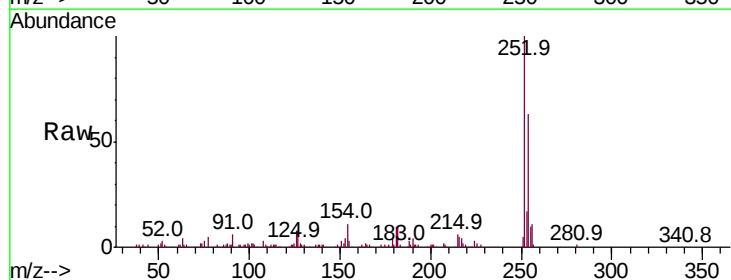
Delta R.T. -0.02 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tgt Ion:252 Resp: 101828

Ion	Ratio	Lower	Upper
252	100		
254	63.4	53.0	79.6
126	7.8	6.0	9.0

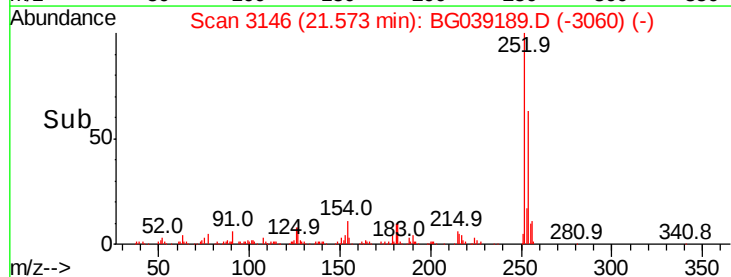
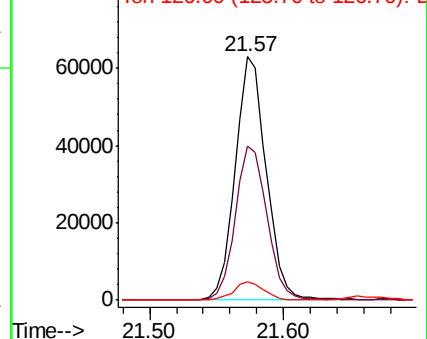


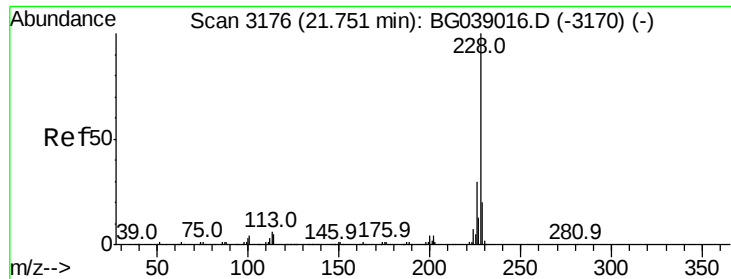
Abundance

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

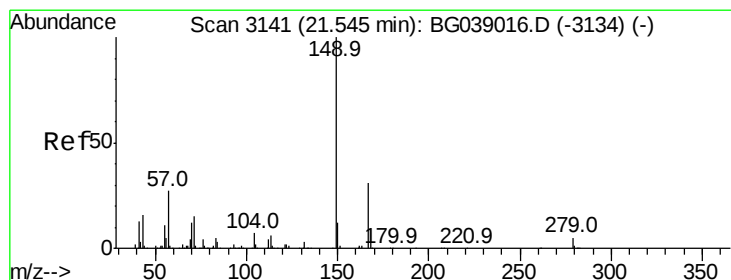
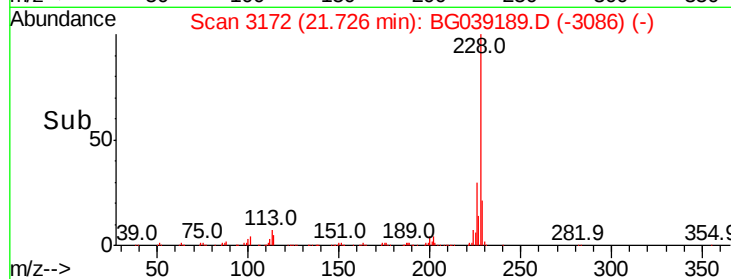
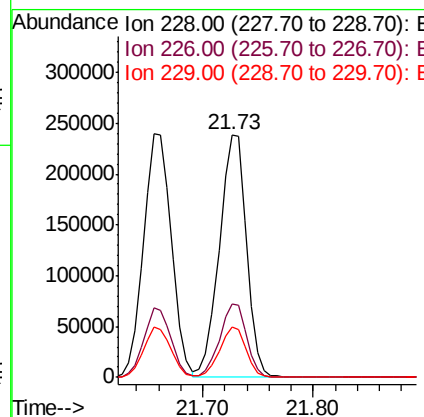
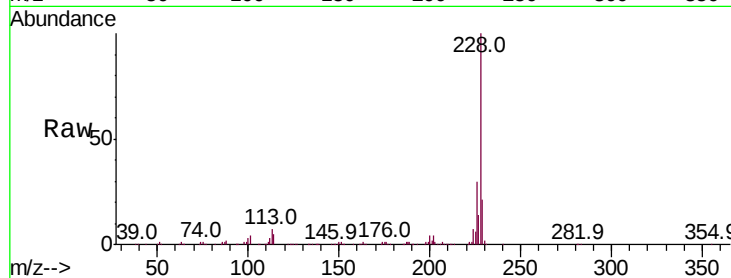




#83
 Chrysene
 Concen: 42.187 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

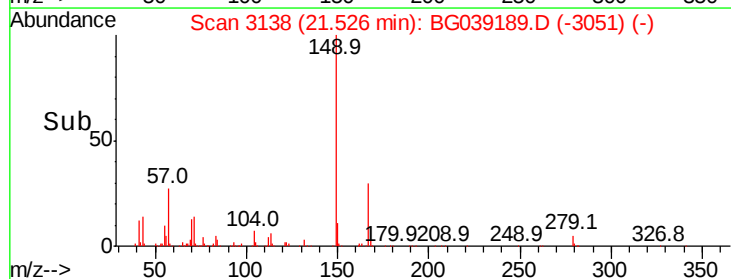
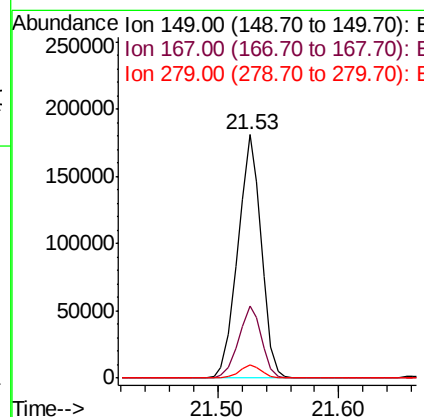
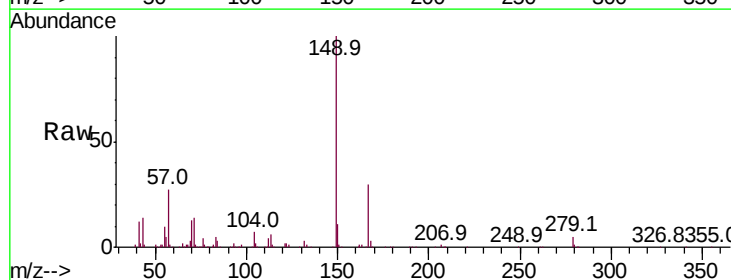
Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

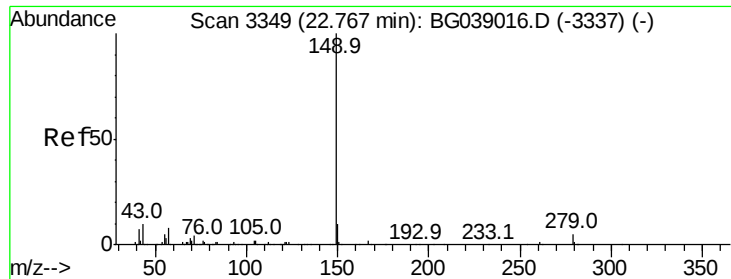
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	20.6	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.603 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	25.0	37.4
279	5.4	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 41.849 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.03 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

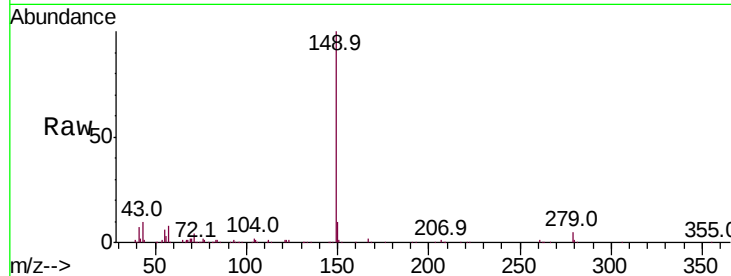
Tot Ion:149 Resp: 396234

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

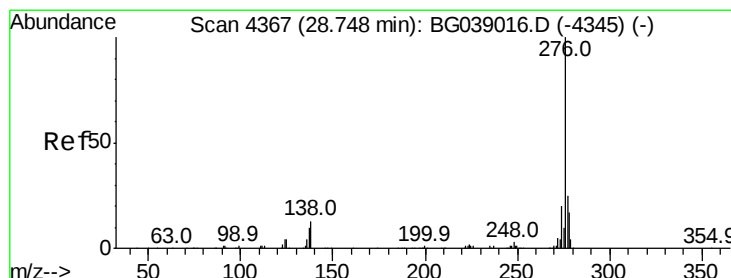
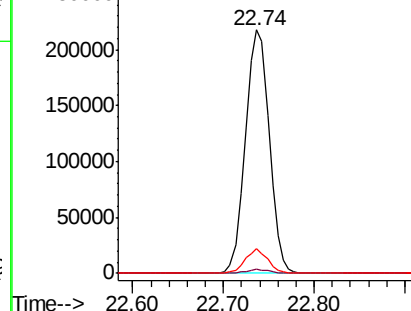
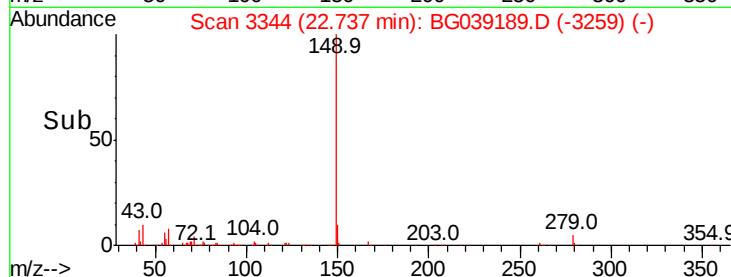
43 9.6 7.5 11.3



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: 43.005 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.05 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

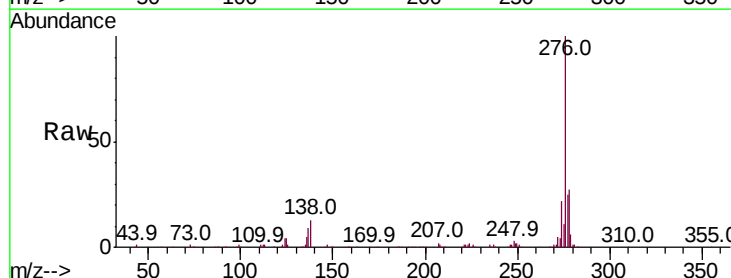
Tgt Ion:276 Resp: 495005

Ion Ratio Lower Upper

276 100

138 15.8 8.0 12.0#

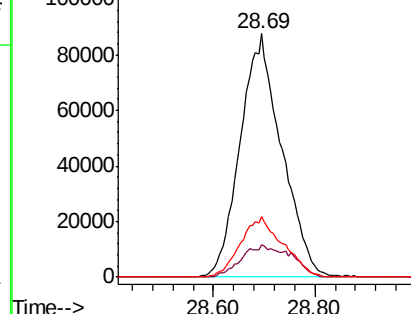
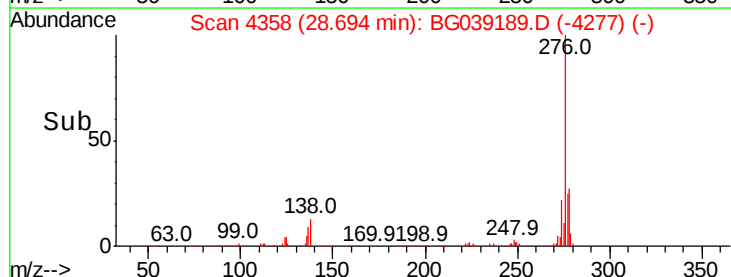
277 25.3 20.3 30.5

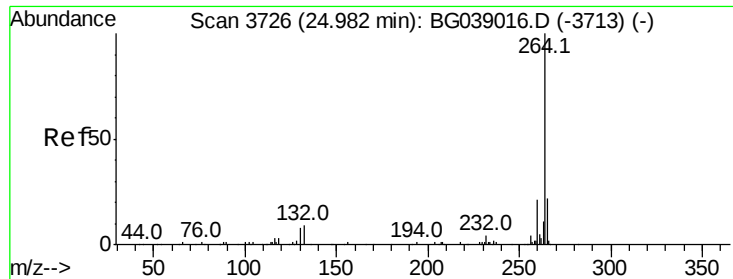


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.94 min Scan# 3719

Delta R.T. -0.04 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

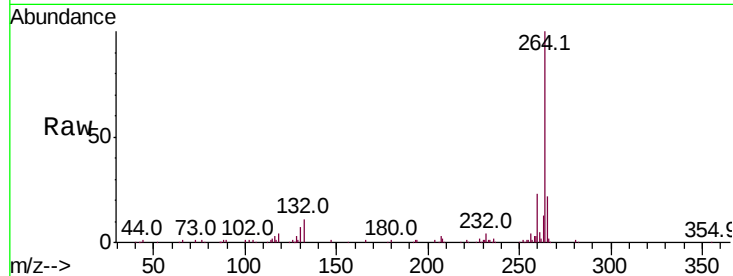
Tot Ion:264 Resp: 178286

Ion Ratio Lower Upper

264 100

260 22.8 17.0 25.6

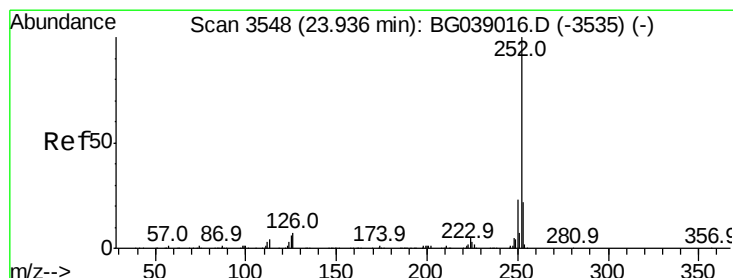
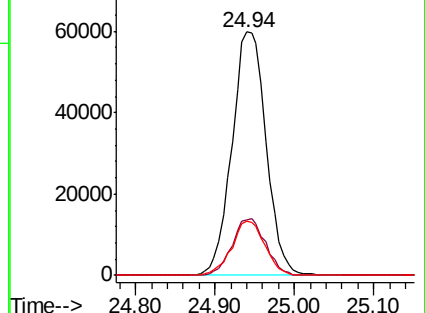
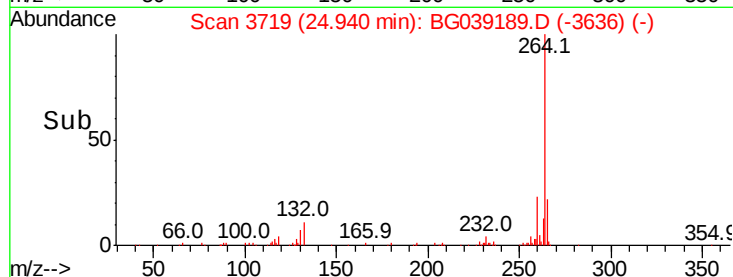
265 22.3 17.2 25.8



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: 45.775 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.04 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

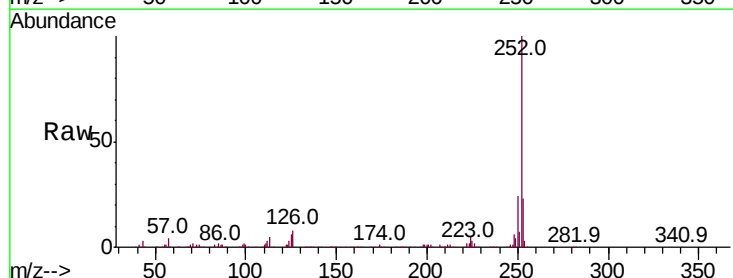
Tgt Ion:252 Resp: 449995

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

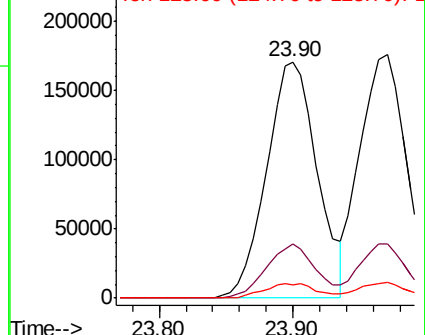
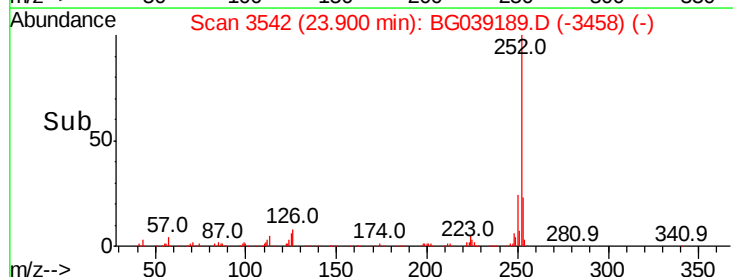
125 5.6 4.9 7.3

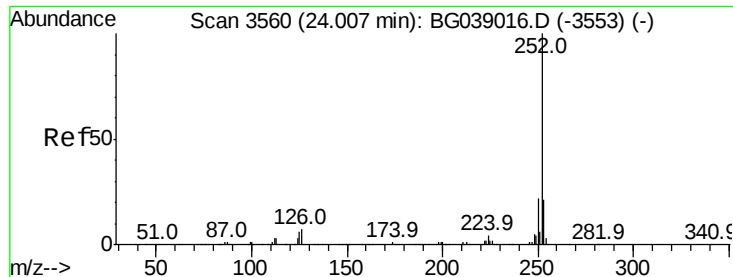


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.674 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.04 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

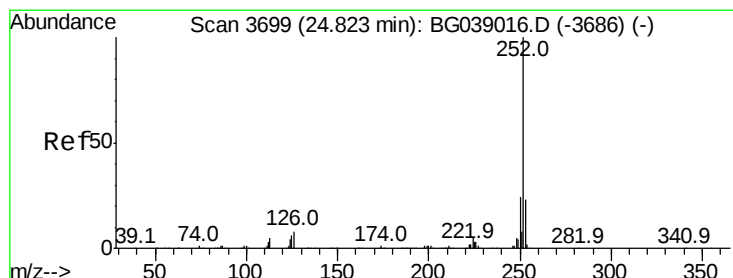
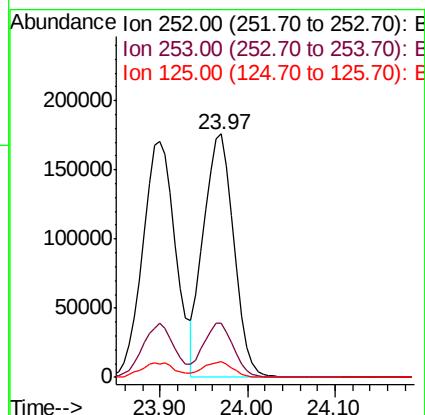
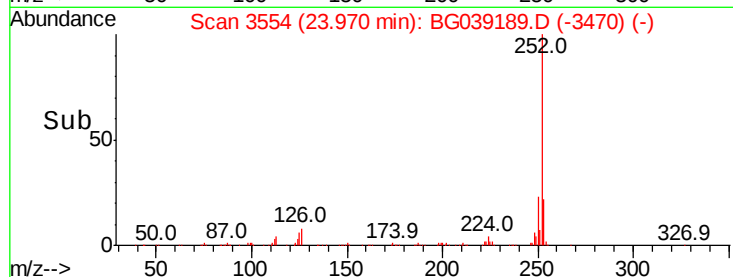
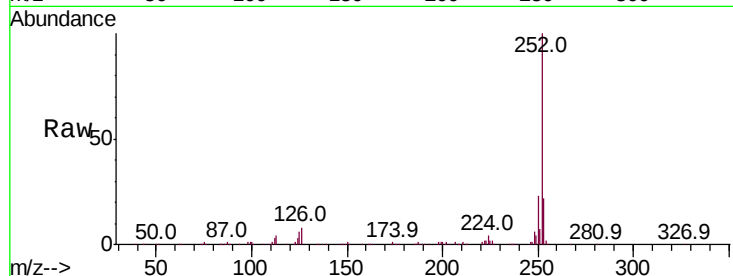
Tot Ion:252 Resp: 424502

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

125 6.3 4.6 7.0



#90

Benzo(a)pyrene

Concen: 45.190 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.03 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

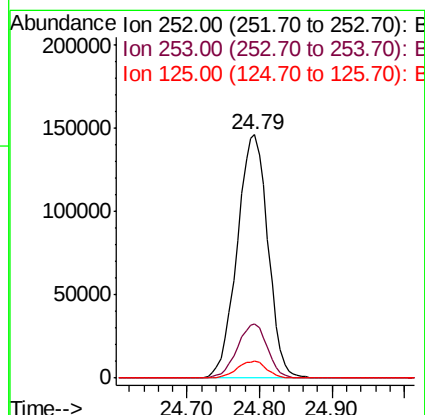
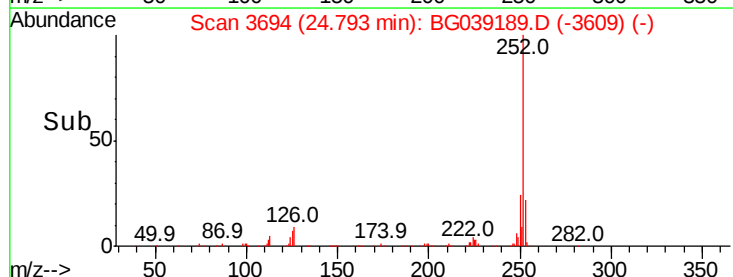
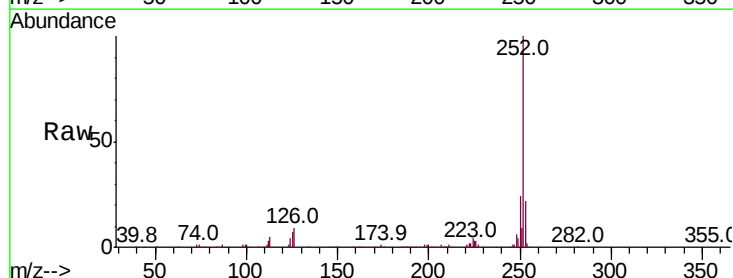
Tgt Ion:252 Resp: 429399

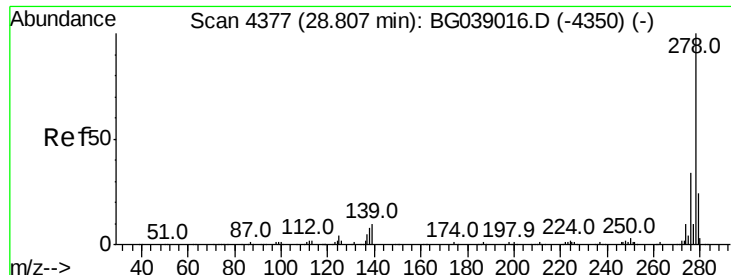
Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

125 6.9 4.9 7.3





#91

Dibenzo(a,h)anthracene

Concen: 44.304 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.05 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

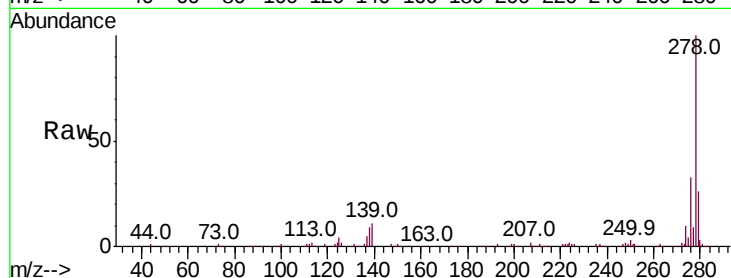
BNA_G

ClientSampleId :

PB116414BSD

Tot Ion:278 Resp: 418736

Ion	Ratio	Lower	Upper
278	100		
139	10.9	7.9	11.9
279	25.6	19.3	28.9

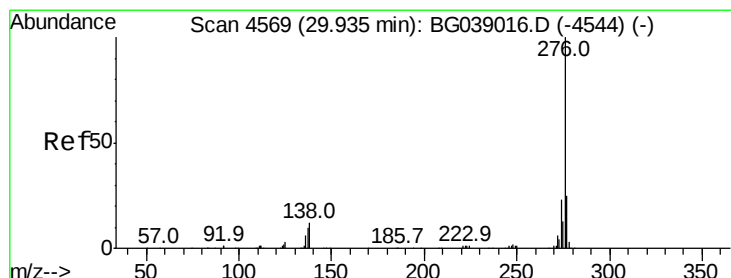
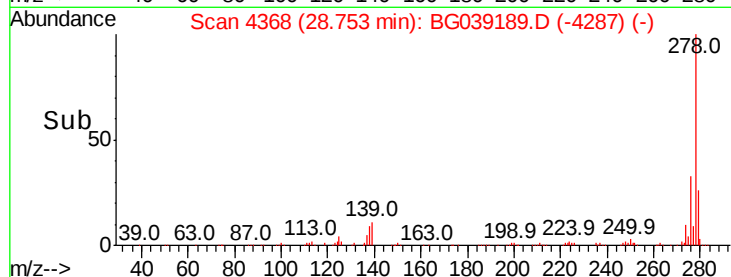
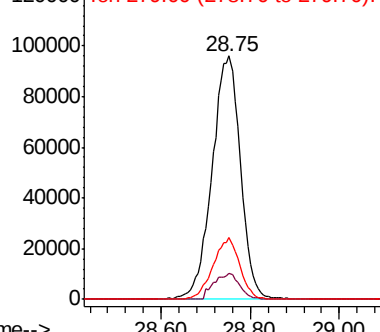


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.712 ng

RT: 29.87 min Scan# 4558

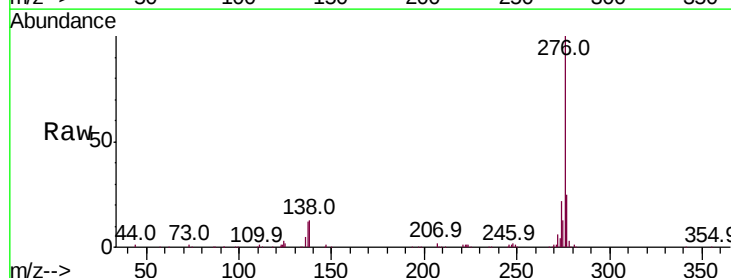
Delta R.T. -0.07 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tgt Ion:276 Resp: 409010

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.3	30.5
138	12.9	9.4	14.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

