

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039167.D
 Acq On : 16 Jan 2019 21:33
 Operator : JU/SJ
 Sample : K1142-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMSD

Quant Time: Jan 17 04:04:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	19991	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	87265	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	69038	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	216781	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	177065	20.00	ng	-0.02
87) Perylene-d12	24.95	264	192915	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	146531	139.05	ng	-0.01
7) Phenol-d6	7.18	99	207694	136.95	ng	-0.01
23) Nitrobenzene-d5	9.19	82	117560	73.72	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	124548	107.62	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	342093	67.81	ng	-0.01
79) Terphenyl-d14	20.01	244	682298	71.28	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	10808	26.190	ng	# 83
3) Pyridine	3.85	79	28747	25.636	ng	96
4) n-Nitrosodimethylamine	3.78	42	23018	45.616	ng	96
6) Aniline	7.35	93	38282	21.018	ng	96
8) 2-Chlorophenol	7.58	128	54433	43.818	ng	97
9) Benzaldehyde	7.16	77	15540	17.768	ng	94
10) Phenol	7.21	94	77546	51.000	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	44384	38.193	ng	96
12) 1,3-Dichlorobenzene	7.90	146	52736	35.432	ng	94
13) 1,4-Dichlorobenzene	8.05	146	53213	35.302	ng	95
14) 1,2-Dichlorobenzene	8.37	146	66474	46.252	ng	99
15) Benzyl Alcohol	8.26	79	49359	43.217	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.54	45	100211	44.971	ng	98
17) 2-Methylphenol	8.46	107	58172	55.097	ng	97
18) Hexachloroethane	9.09	117	19261	37.612	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	42000	42.172	ng	# 96
20) 3+4-Methylphenols	8.79	107	75108	49.895	ng	93
22) Acetophenone	8.85	105	83876	36.805	ng	# 97
24) Nitrobenzene	9.24	77	61223	37.981	ng	# 96
25) Isophorone	9.75	82	122499	44.593	ng	98
26) 2-Nitrophenol	9.95	139	33895	38.875	ng	93
27) 2,4-Dimethylphenol	10.00	122	57022	46.486	ng	89
28) bis(2-Chloroethoxy)methane	10.23	93	66222	40.110	ng	100
29) 2,4-Dichlorophenol	10.48	162	67602	44.361	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	64449	35.199	ng	97
31) Naphthalene	10.88	128	167529	38.277	ng	97
32) Benzoic acid	10.16	122	12967	23.252	ng	98
33) 4-Chloroaniline	11.01	127	19612	10.014	ng	94
34) Hexachlorobutadiene	11.14	225	43623	34.625	ng	92
35) Caprolactam	11.79	113	15540	25.430	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	81873	50.232	ng	92
37) 2-Methylnaphthalene	12.49	142	141902	43.244	ng	98
38) 1-Methylnaphthalene	12.71	142	142690	45.304	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	93519	36.069	ng	98

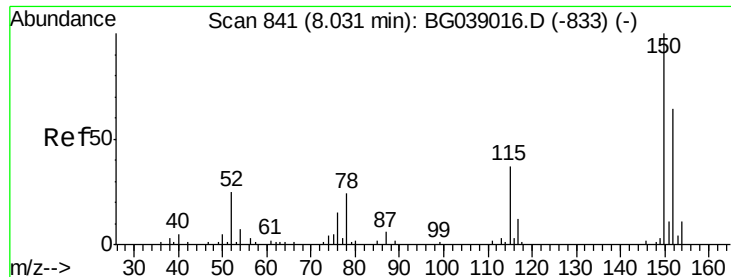
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	87304	61.235	ng	96
43) 2,4,6-Trichlorophenol	13.09	196	62799	38.484	ng	93
44) 2,4,5-Trichlorophenol	13.18	196	66660	38.650	ng	98
46) 1,1'-Biphenyl	13.49	154	191216	34.955	ng	100
47) 2-Chloronaphthalene	13.54	162	151853	34.303	ng	99
48) 2-Nitroaniline	13.76	65	45070	36.341	ng	95
49) Acenaphthylene	14.39	152	249249	37.460	ng	99
50) Dimethylphthalate	14.11	163	301660	51.707	ng	100
51) 2,6-Dinitrotoluene	14.25	165	46309	35.504	ng	98
52) Acenaphthene	14.72	154	144303	36.096	ng	96
53) 3-Nitroaniline	14.58	138	20963	15.843	ng	95
54) 2,4-Dinitrophenol	14.79	184	44227	58.282	ng	93
55) Dibenzofuran	15.06	168	256908	36.387	ng	99
56) 4-Nitrophenol	14.89	139	67859	71.277	ng	98
57) 2,4-Dinitrotoluene	15.03	165	67130	35.873	ng	# 94
58) Fluorene	15.71	166	201061	37.832	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.29	232	62676	38.497	ng	98
60) Diethylphthalate	15.46	149	207130	34.459	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	117834	35.193	ng	99
62) 4-Nitroaniline	15.75	138	45180	32.777	ng	94
63) Azobenzene	15.98	77	164187	34.929	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	39569	24.638	ng	89
66) n-Nitrosodiphenylamine	15.91	169	182601	28.414	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	99404	35.672	ng	99
68) Hexachlorobenzene	16.71	284	104061	34.222	ng	98
69) Atrazine	16.85	200	97138	35.581	ng	94
70) Pentachlorophenol	17.06	266	102175	56.242	ng	97
71) Phenanthrene	17.45	178	449670	39.244	ng	100
72) Anthracene	17.54	178	462931	40.861	ng	99
73) Carbazole	17.82	167	400751	35.832	ng	98
74) Di-n-butylphthalate	18.35	149	459839	36.959	ng	99
75) Fluoranthene	19.46	202	498284	35.079	ng	99
77) Benzidine	19.64	184	89401	16.508	ng	100
78) Pyrene	19.82	202	464220	41.139	ng	99
80) Butylbenzylphthalate	20.69	149	164880	38.418	ng	98
81) Benzo(a)anthracene	21.66	228	433381	40.207	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	67376	15.341	ng	95
83) Chrysene	21.73	228	401807	39.194	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	241205	40.476	ng	97
85) Di-n-octyl phthalate	22.74	149	378681	37.581	ng	100
86) Indeno(1,2,3-cd)pyrene	28.69	276	482430	39.383	ng	# 92
88) Benzo(b)fluoranthene	23.90	252	418260	39.320	ng	99
89) Benzo(k)fluoranthene	23.97	252	401837	38.207	ng	100
90) Benzo(a)pyrene	24.80	252	426731	41.504	ng	99
91) Dibenzo(a,h)anthracene	28.75	278	399011	39.015	ng	98
92) Benzo(g,h,i)perylene	29.89	276	400738	39.581	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

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BNA_G

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FK-BPM-01-D9-E9-D9A-E9AMSD

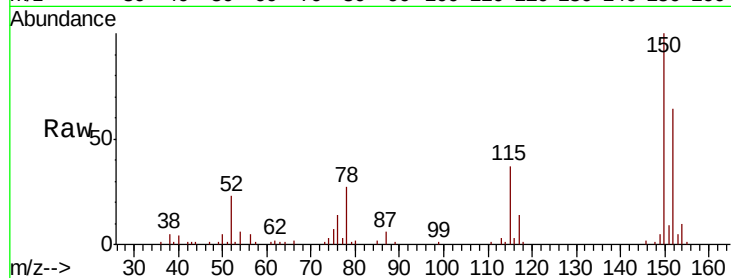
Tgt Ion:152 Resp: 19991

Ion Ratio Lower Upper

152 100

150 156.3 124.7 187.1

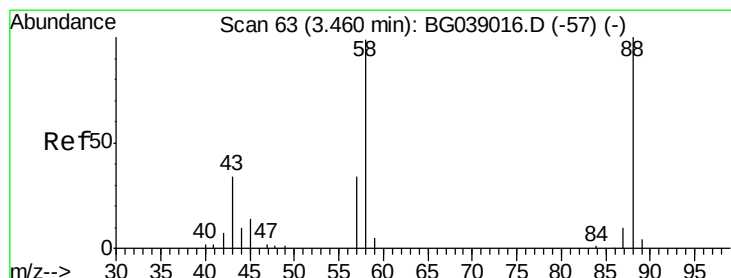
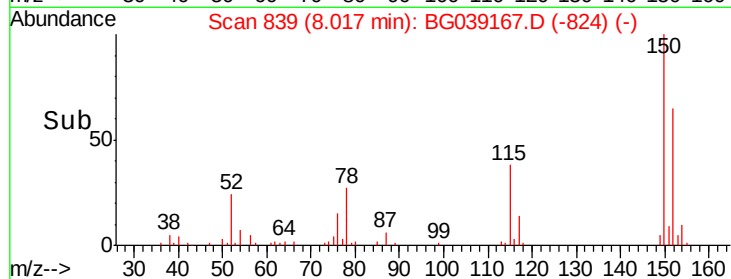
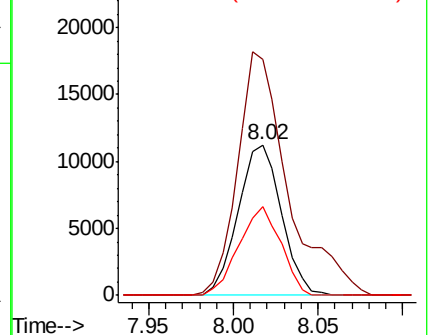
115 58.6 46.5 69.7



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: 26.190 ng

RT: 3.45 min Scan# 61

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

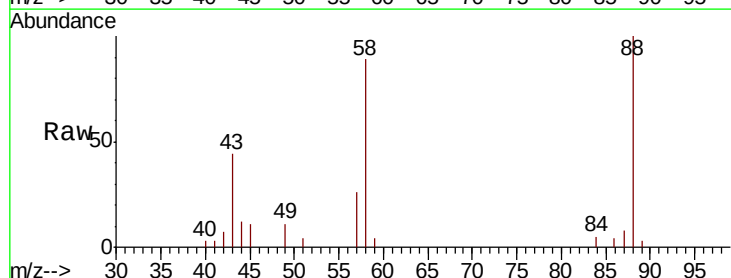
Tgt Ion: 88 Resp: 10808

Ion Ratio Lower Upper

88 100

58 103.4 72.4 108.6

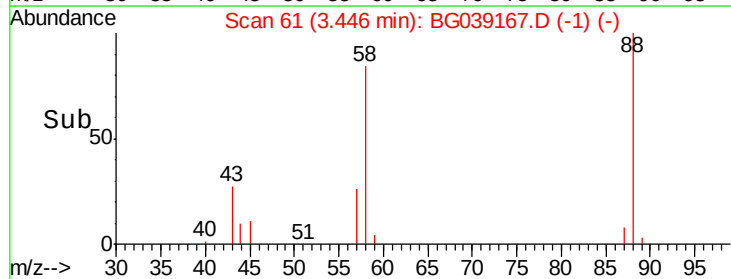
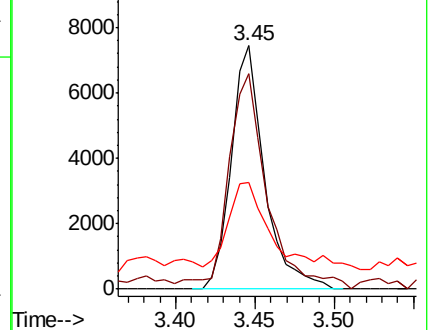
43 49.9 27.6 41.4#

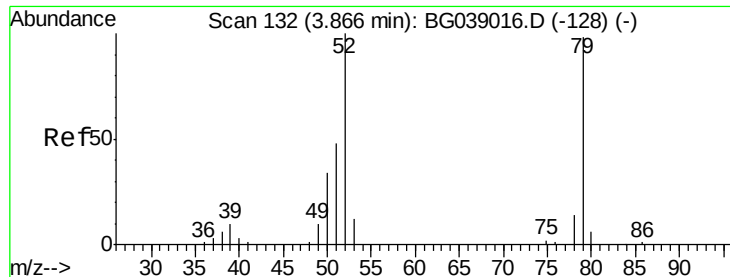


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 25.636 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

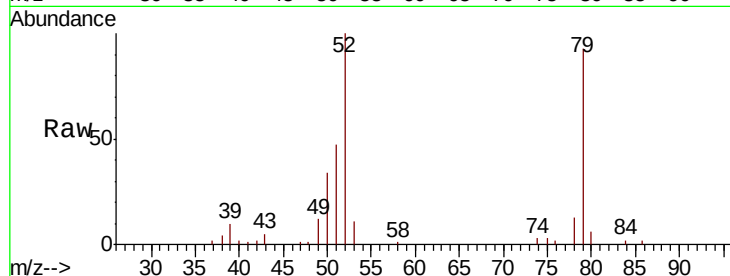
Tgt Ion: 79 Resp: 28747

Ion Ratio Lower Upper

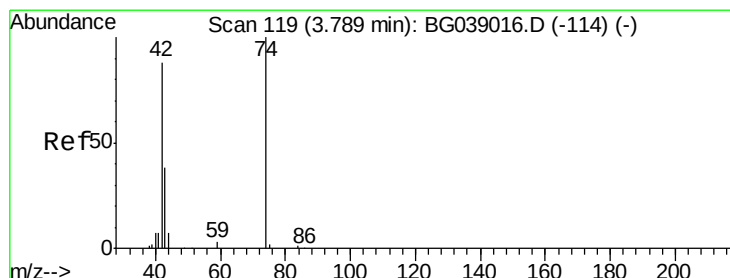
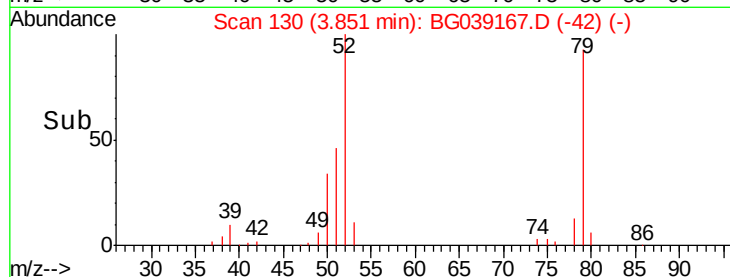
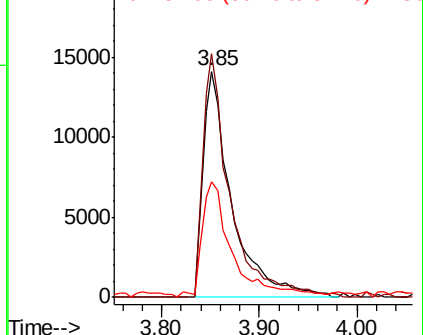
79 100

52 107.7 81.5 122.3

51 51.0 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: 45.616 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

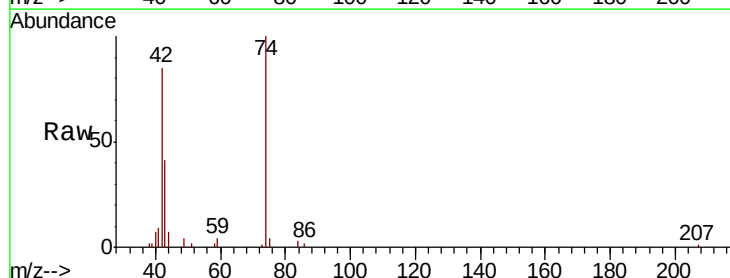
Tgt Ion: 42 Resp: 23018

Ion Ratio Lower Upper

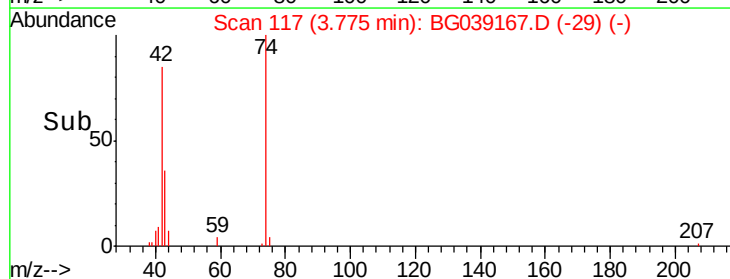
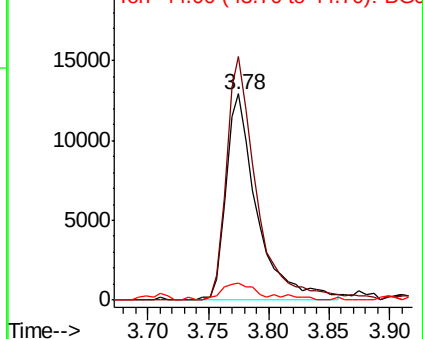
42 100

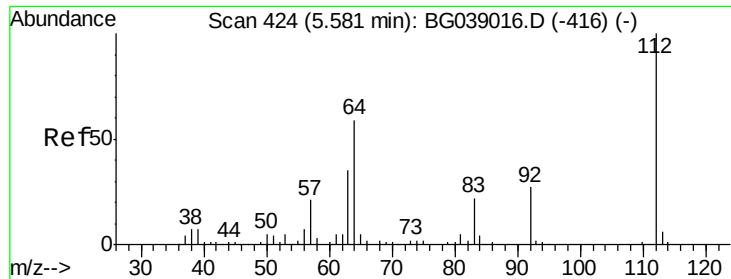
74 118.1 90.7 136.1

44 8.5 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: 139.046 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

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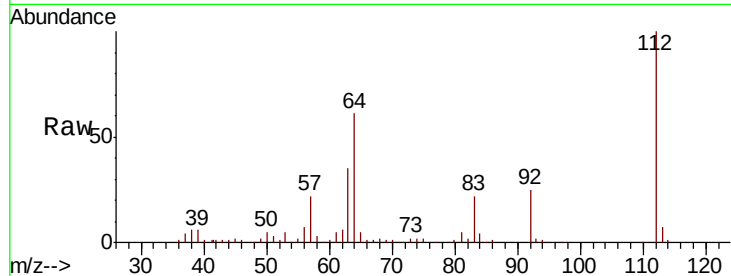
Tgt Ion: 112 Resp: 146531

Ion Ratio Lower Upper

112 100

64 61.3 47.0 70.6

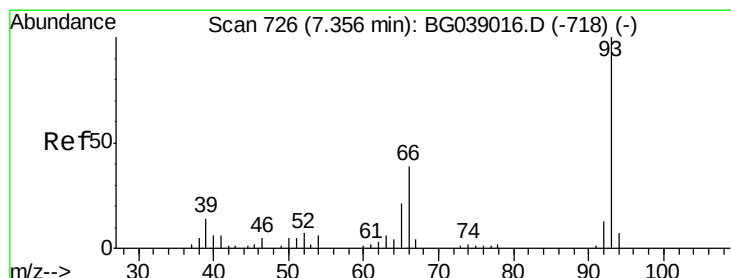
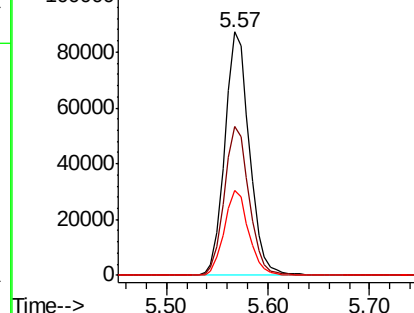
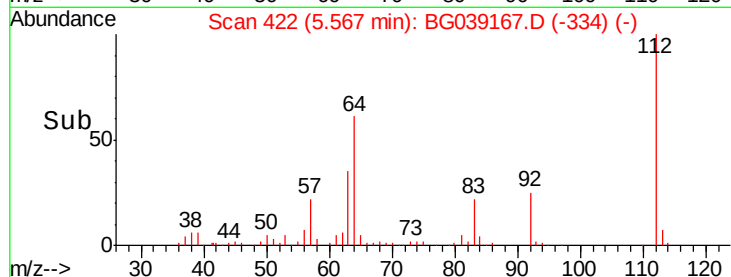
63 35.1 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.018 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

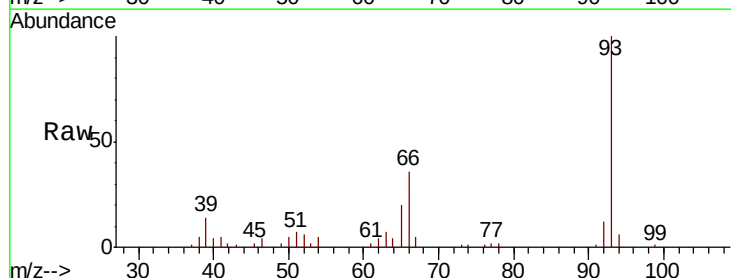
Tgt Ion: 93 Resp: 38282

Ion Ratio Lower Upper

93 100

66 35.8 30.9 46.3

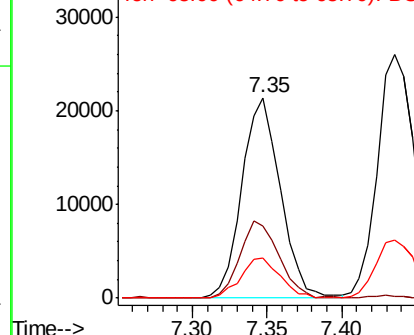
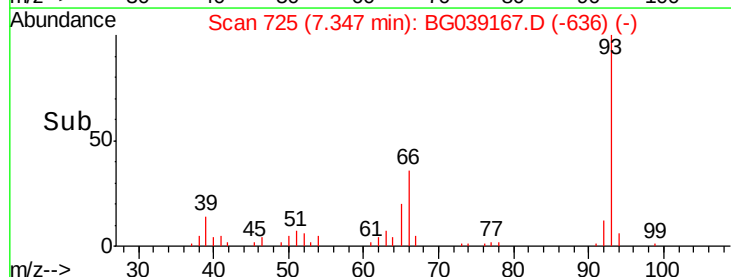
65 19.8 17.0 25.4

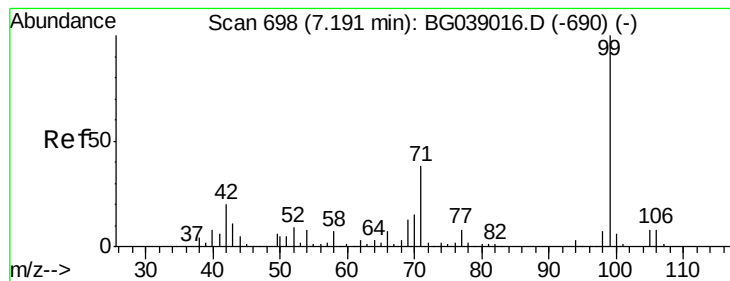


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.947 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039167.D

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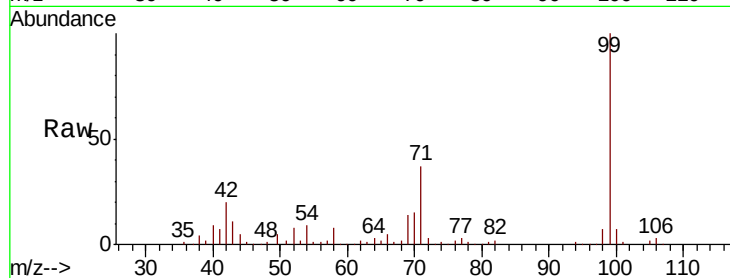
Tgt Ion: 99 Resp: 207694

Ion Ratio Lower Upper

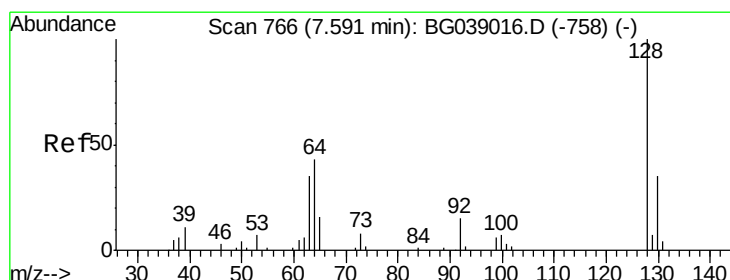
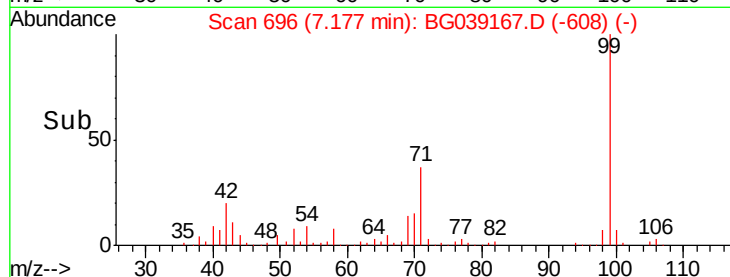
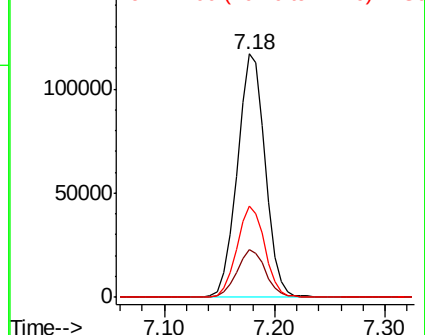
99 100

42 19.8 15.8 23.6

71 37.4 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: 43.818 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

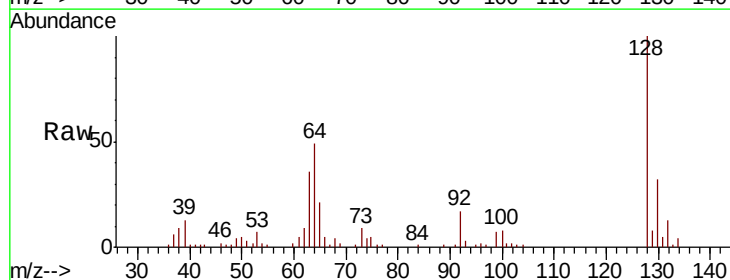
Tgt Ion: 128 Resp: 54433

Ion Ratio Lower Upper

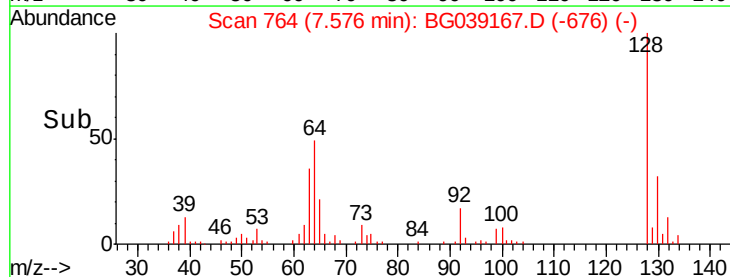
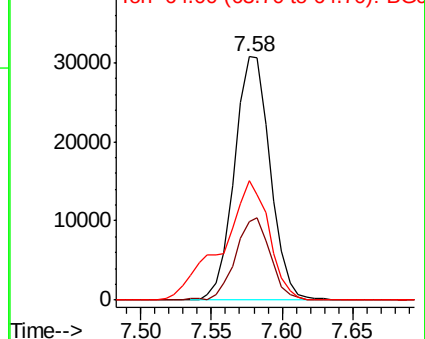
128 100

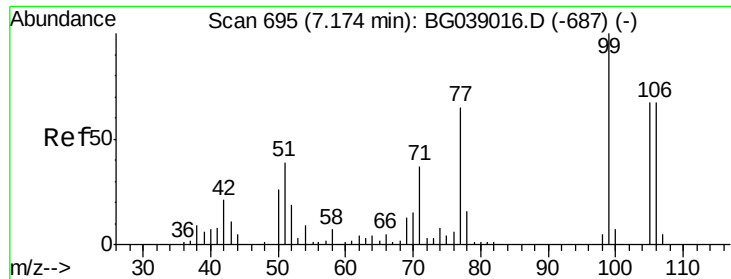
130 32.2 14.5 54.5

64 49.2 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: 17.768 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039167.D

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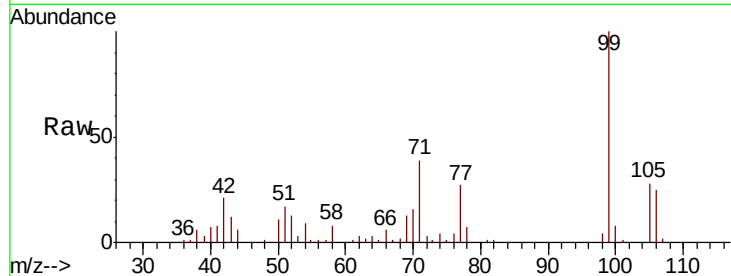
Tgt Ion: 77 Resp: 15540

Ion Ratio Lower Upper

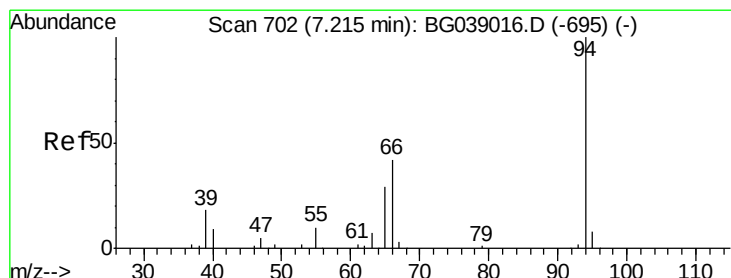
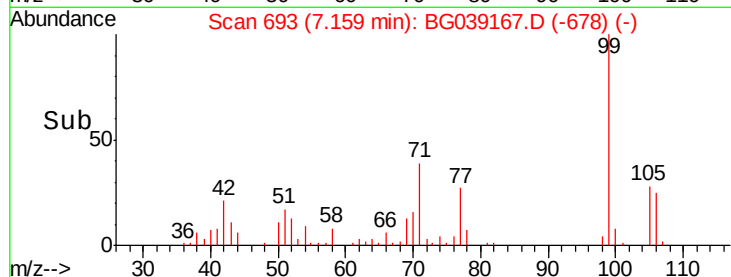
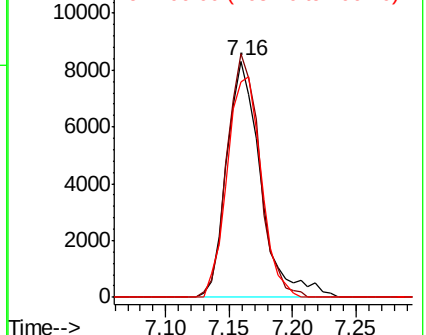
77 100

105 103.1 82.4 122.4

106 91.3 82.8 122.8



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



#10

Phenol

Concen: 51.000 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

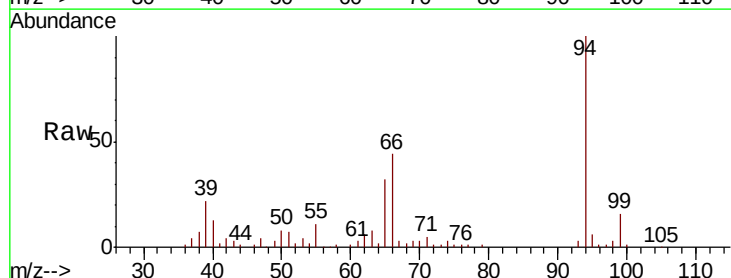
Tgt Ion: 94 Resp: 77546

Ion Ratio Lower Upper

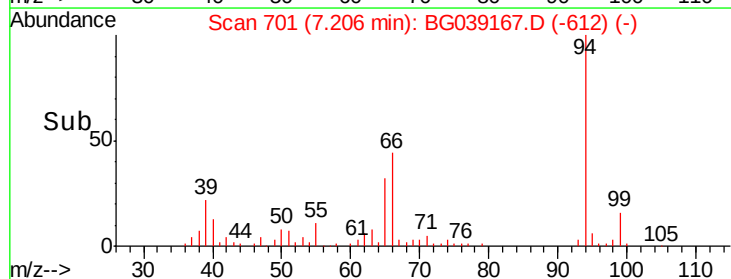
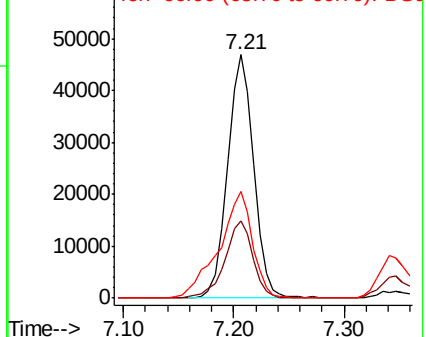
94 100

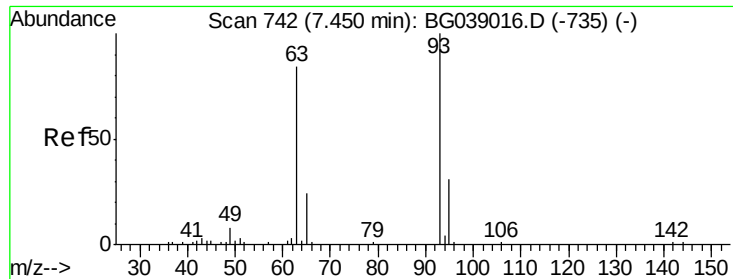
65 31.8 10.3 50.3

66 43.8 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

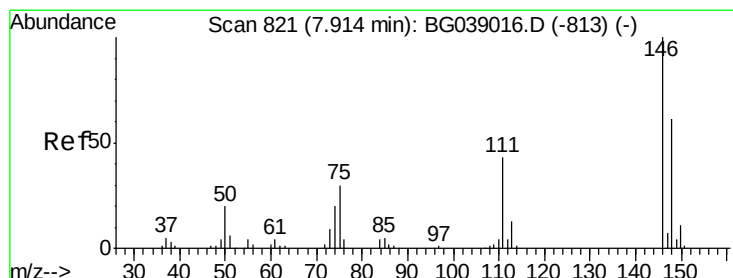
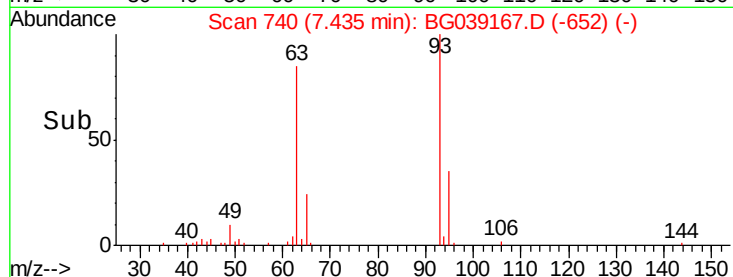
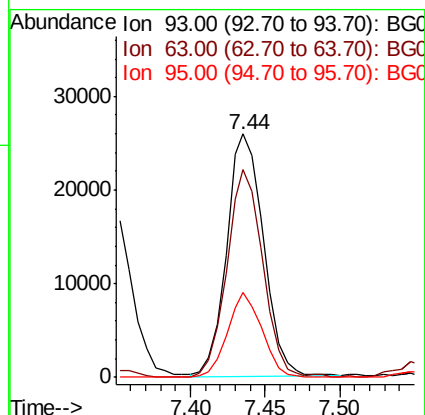
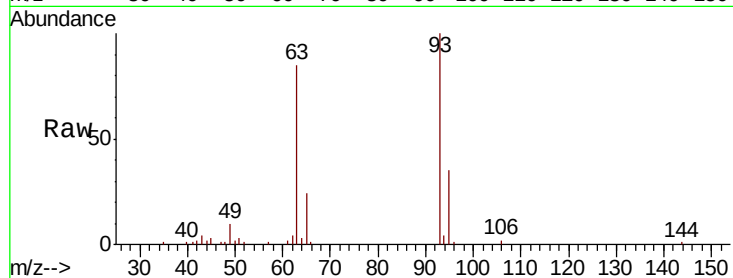




#11
bis(2-Chloroethyl)ether
Concen: 38.193 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

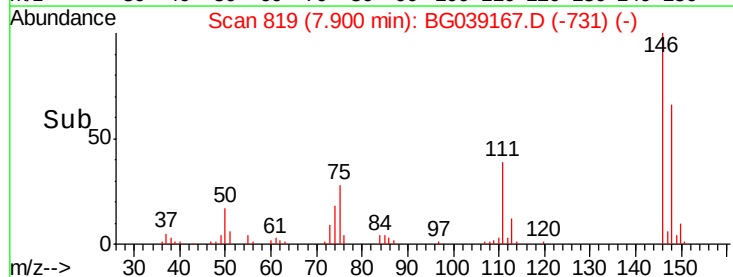
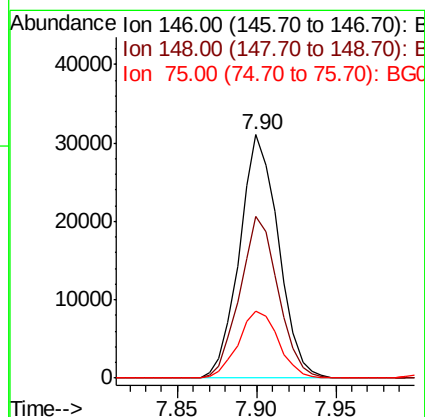
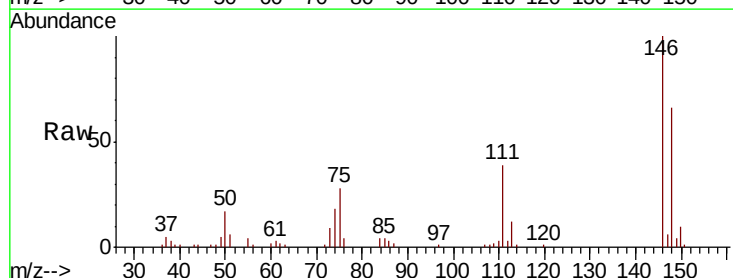
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

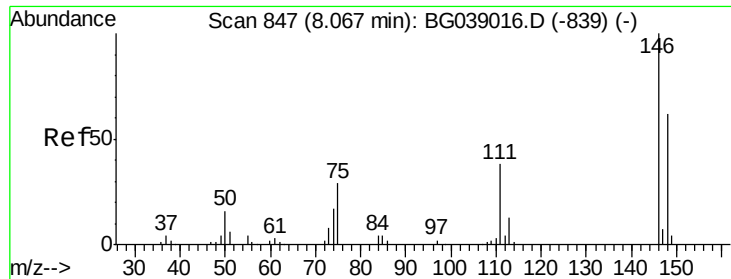
Tgt Ion: 93 Resp: 44384
Ion Ratio Lower Upper
93 100
63 85.4 63.2 103.2
95 34.8 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 35.432 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Tgt Ion: 146 Resp: 52736
Ion Ratio Lower Upper
146 100
148 66.2 49.1 73.7
75 27.8 23.9 35.9

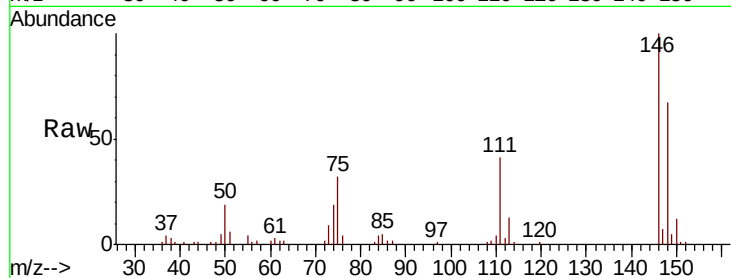




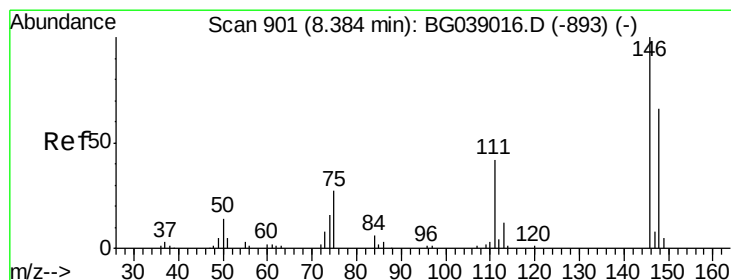
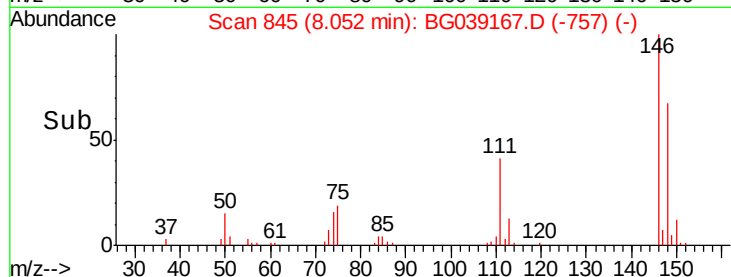
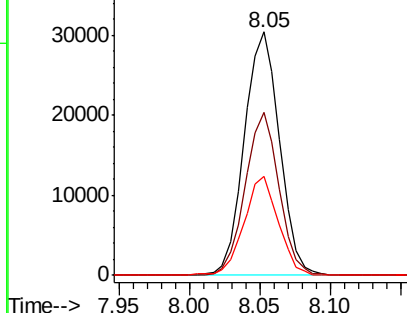
#13
 1,4-Dichlorobenzene
 Concen: 35.302 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion:146 Resp: 53213
 Ion Ratio Lower Upper
 146 100
 148 67.0 49.8 74.6
 111 40.7 30.6 45.8

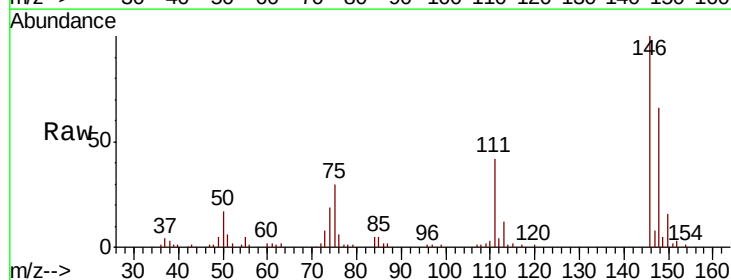


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

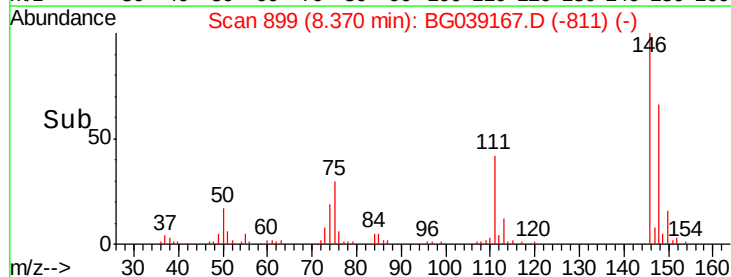
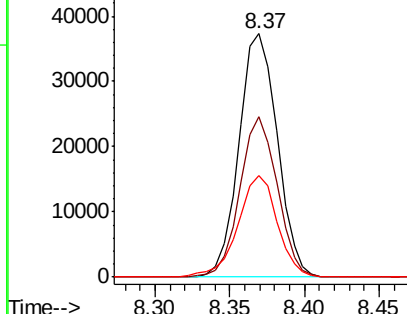


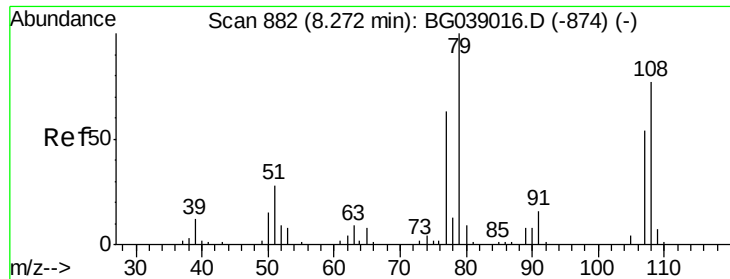
#14
 1,2-Dichlorobenzene
 Concen: 46.252 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Tgt Ion:146 Resp: 66474
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.6 79.0
 111 41.8 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 43.217 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

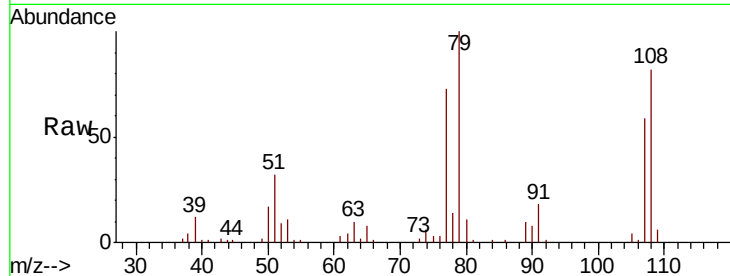
Tgt Ion: 79 Resp: 49359

Ion Ratio Lower Upper

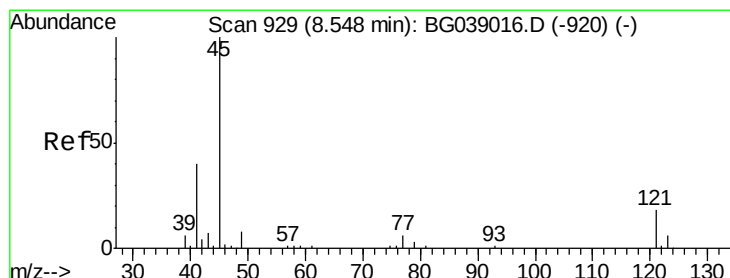
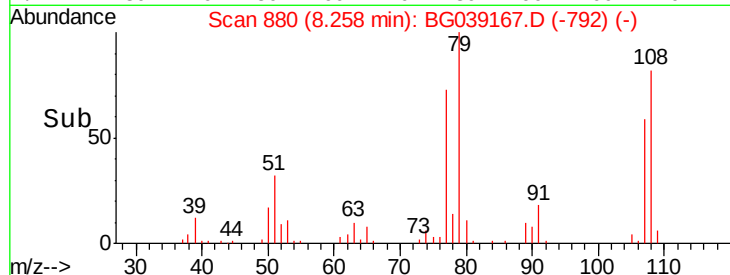
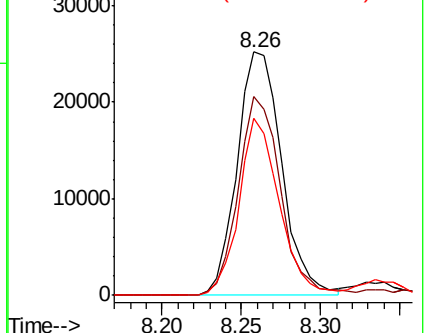
79 100

108 81.9 62.0 93.0

77 72.9 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: 44.971 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

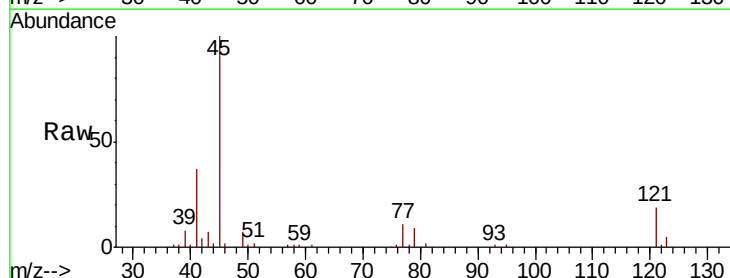
Tgt Ion: 45 Resp: 100211

Ion Ratio Lower Upper

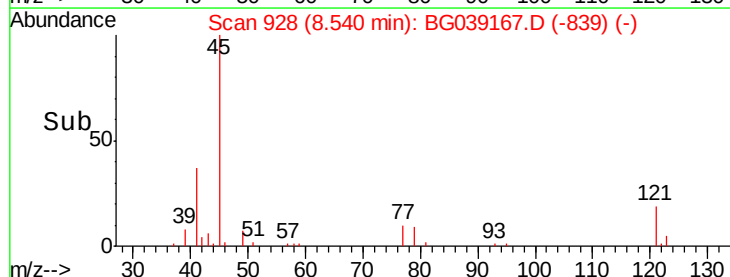
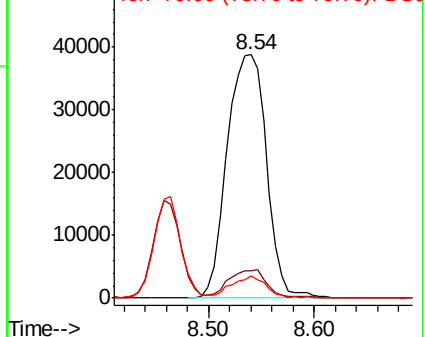
45 100

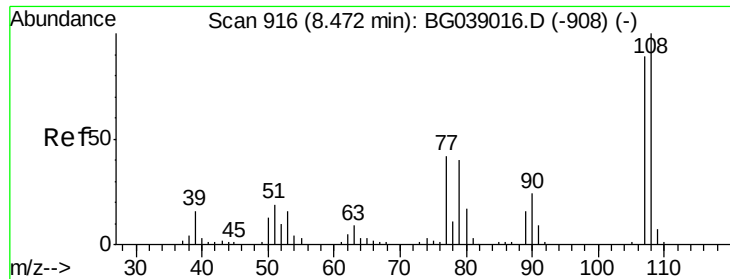
77 11.2 0.0 30.7

79 9.3 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

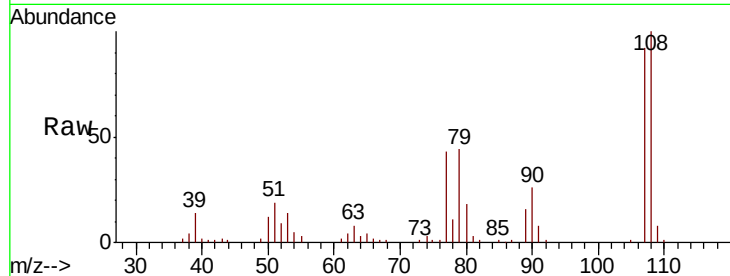




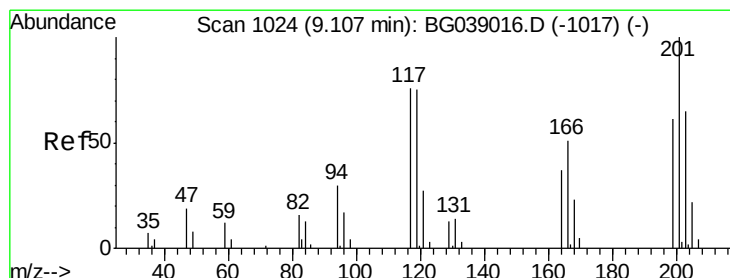
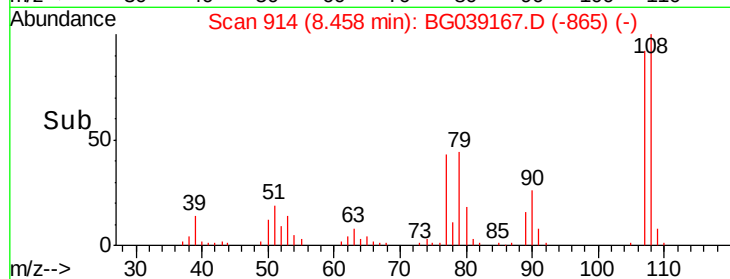
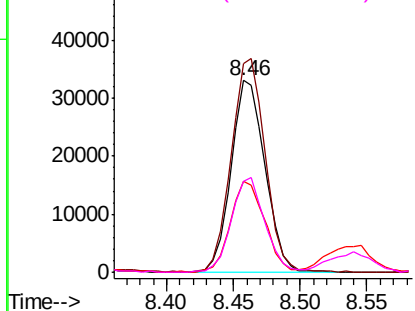
#17
2-Methylphenol
Concen: 55.097 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion:107 Resp: 58172
Ion Ratio Lower Upper
107 100
108 108.9 90.3 135.5
77 47.1 38.3 57.5
79 47.4 35.8 53.6

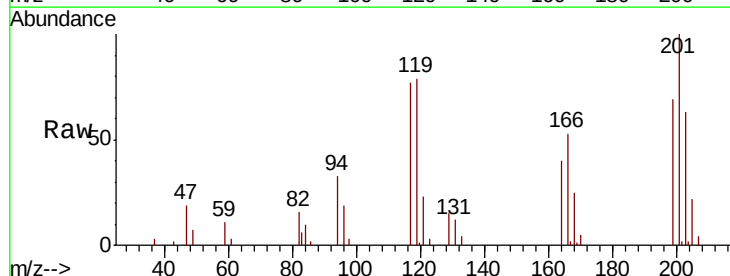


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

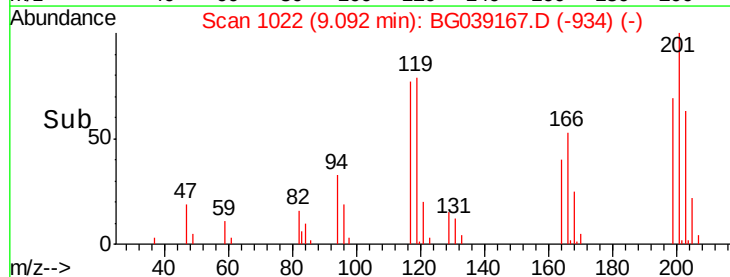
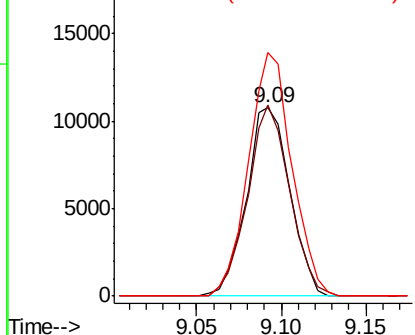


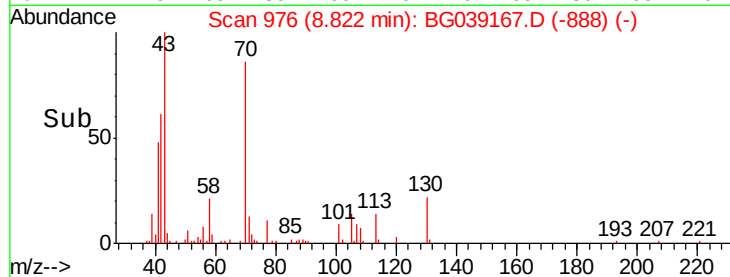
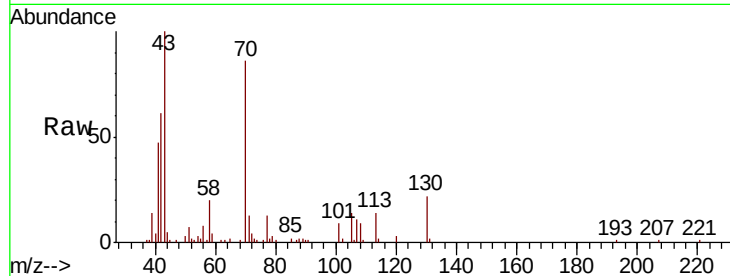
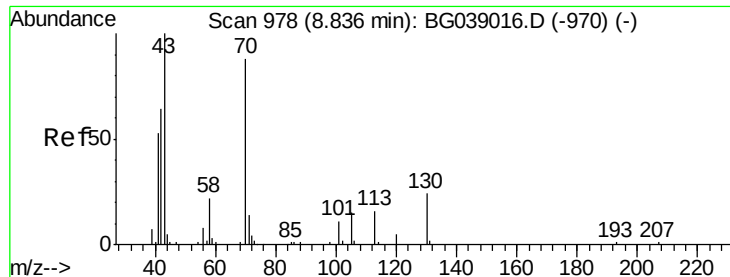
#18
Hexachloroethane
Concen: 37.612 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Tgt Ion:117 Resp: 19261
Ion Ratio Lower Upper
117 100
119 101.7 78.7 118.1
201 132.3 108.1 162.1



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

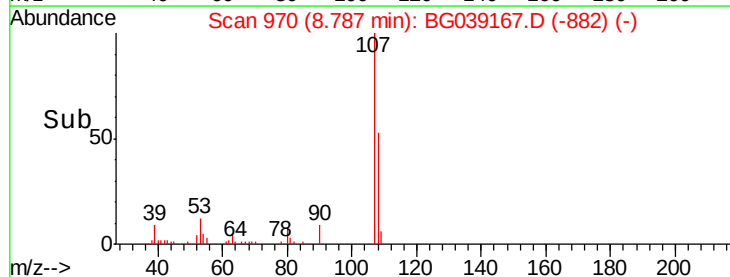
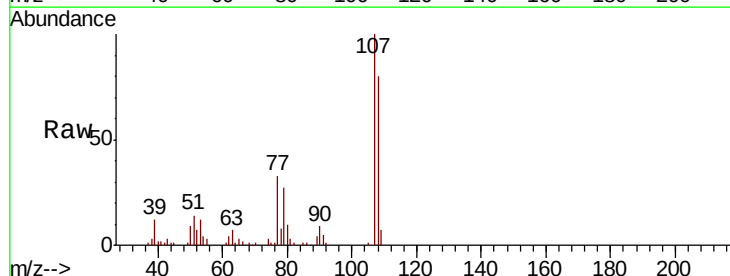
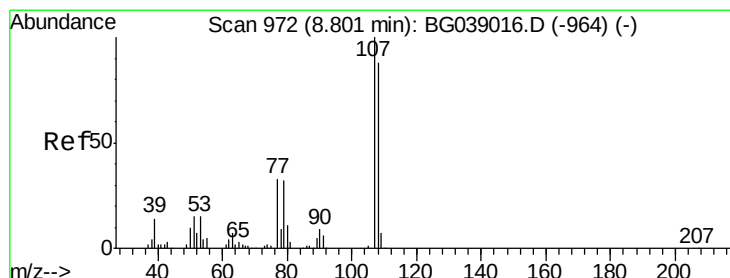
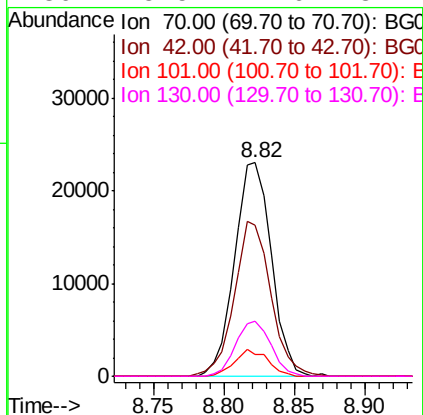




#19
n-Nitroso-di-n-propylamine
Concen: 42.172 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

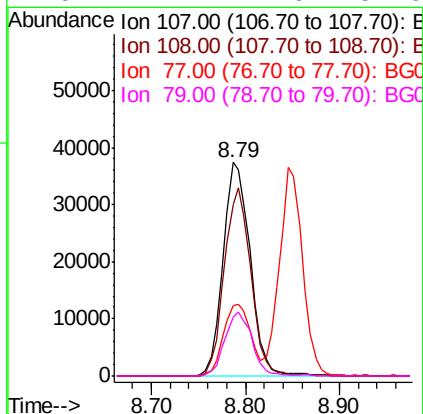
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

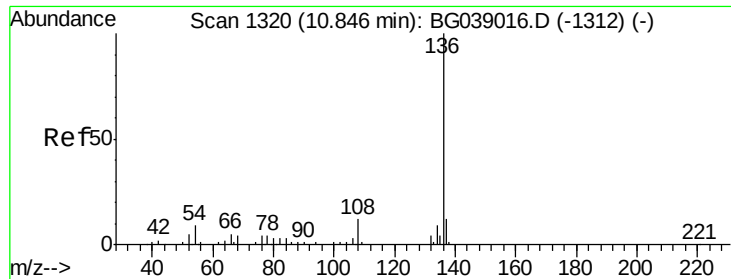
Tgt Ion:	70	Resp:	42000
Ion	Ratio	Lower	Upper
70	100		
42	71.0	59.0	88.4
101	10.0	10.4	15.6
130	25.5	21.6	32.4



#20
3+4-Methylphenols
Concen: 49.895 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Tgt Ion:	107	Resp:	75108
Ion	Ratio	Lower	Upper
107	100		
108	80.3	68.4	108.4
77	32.8	13.3	53.3
79	27.4	11.6	51.6

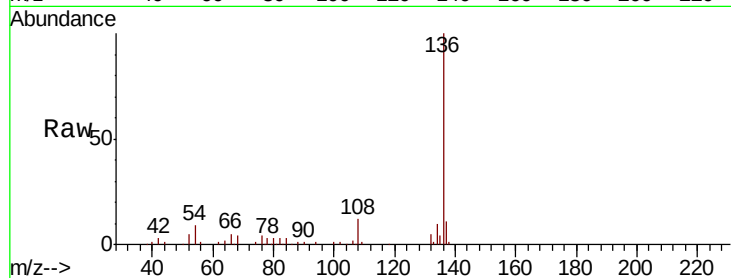




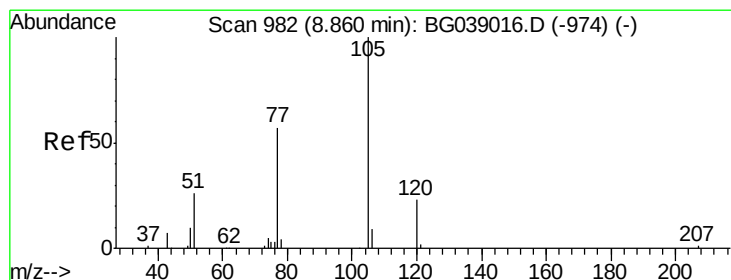
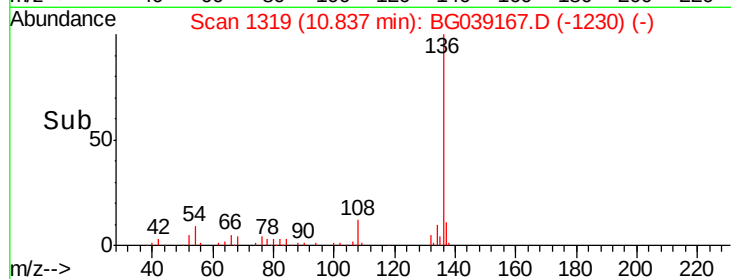
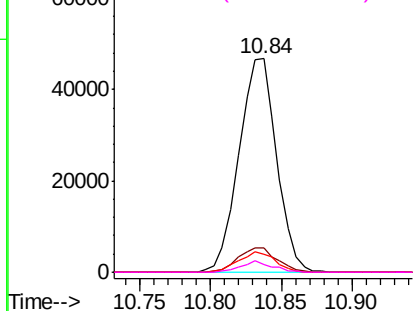
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion:	136	Resp:	87265
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.2
54	8.7	7.2	10.8
68	3.9	3.5	5.3

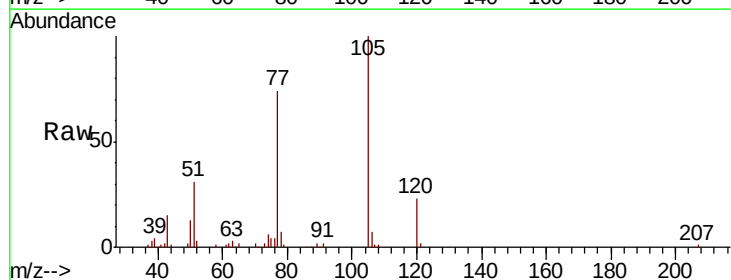


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

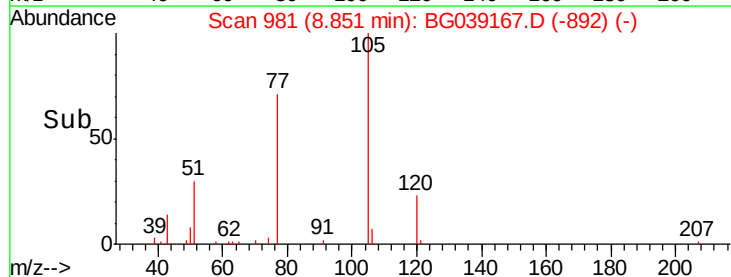
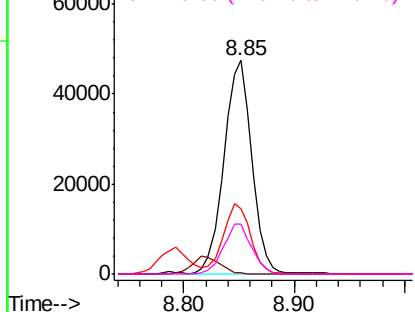


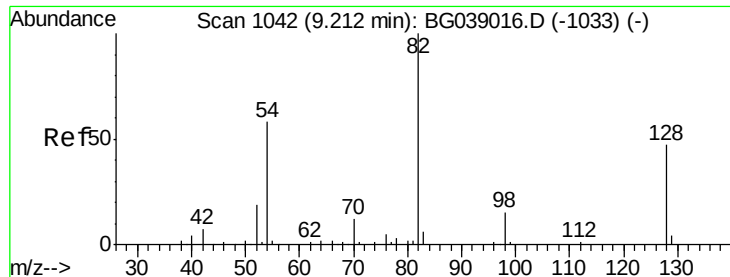
#22
Acetophenone
Concen: 36.805 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Tgt Ion:	105	Resp:	83876
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	30.8	26.6	39.8
120	23.2	17.9	26.9



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

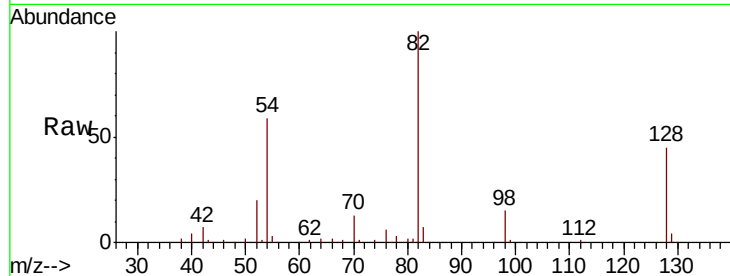




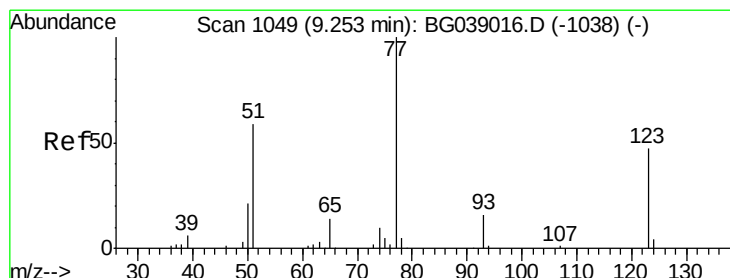
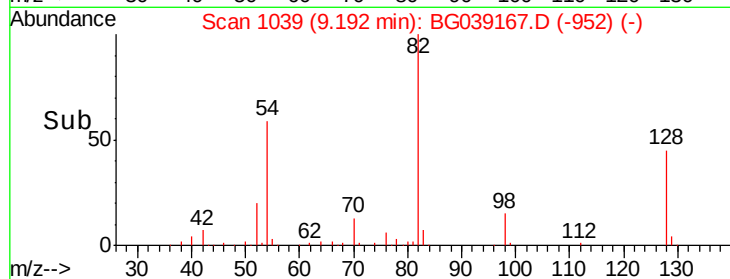
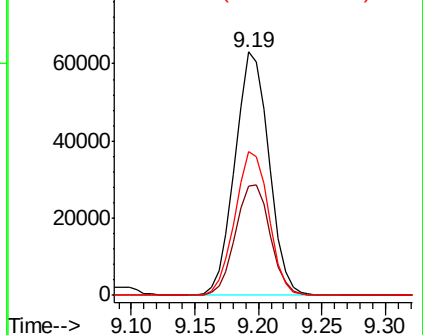
#23
 Nitrobenzene-d5
 Concen: 73.716 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion: 82 Resp: 117560
 Ion Ratio Lower Upper
 82 100
 128 44.9 37.3 55.9
 54 59.1 46.4 69.6

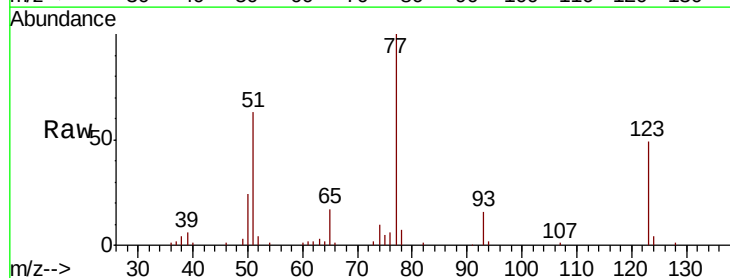


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

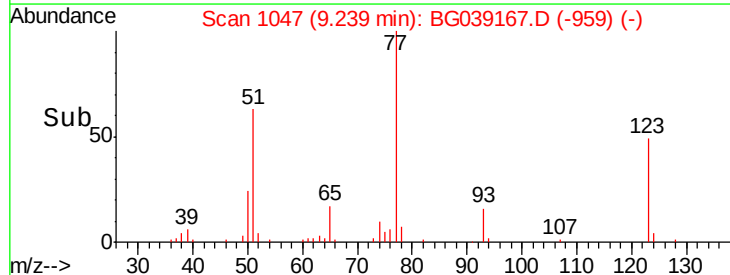
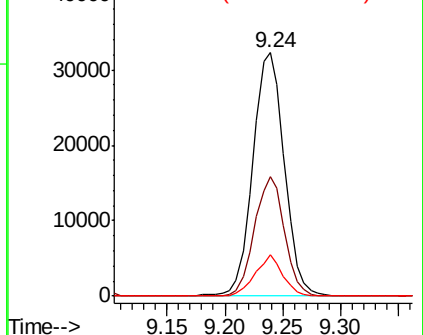


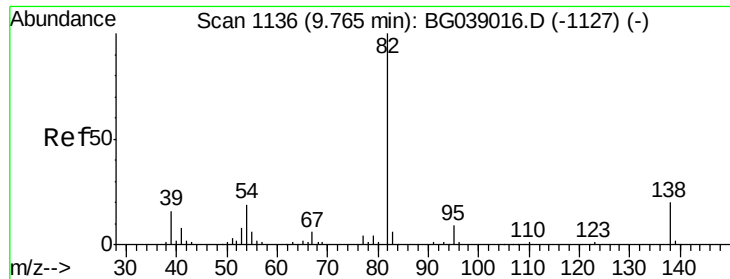
#24
 Nitrobenzene
 Concen: 37.981 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Tgt Ion: 77 Resp: 61223
 Ion Ratio Lower Upper
 77 100
 123 48.8 37.6 56.4
 65 16.8 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: 44.593 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

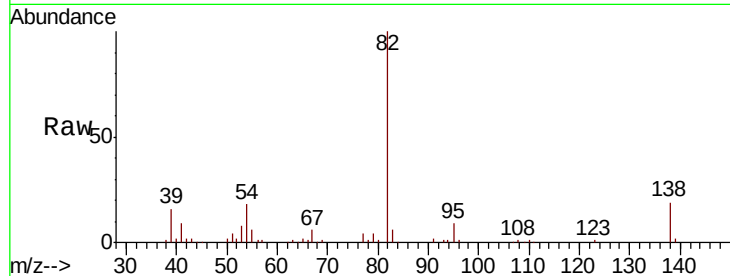
Tgt Ion: 82 Resp: 122499

Ion Ratio Lower Upper

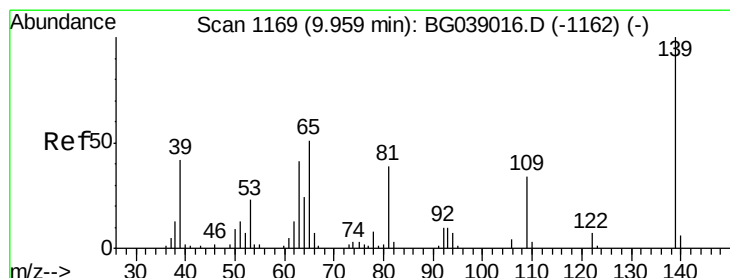
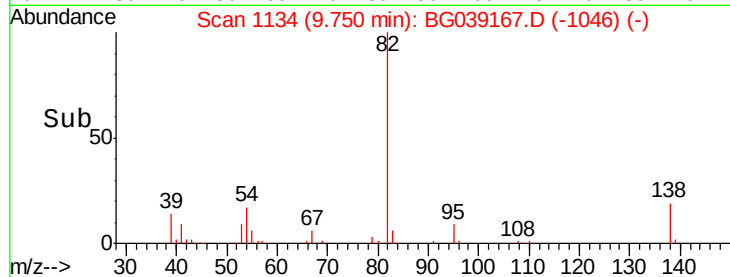
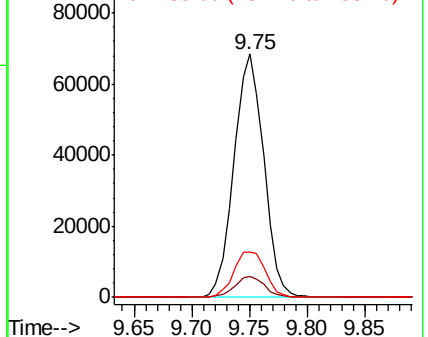
82 100

95 8.7 7.0 10.6

138 18.8 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: 38.875 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

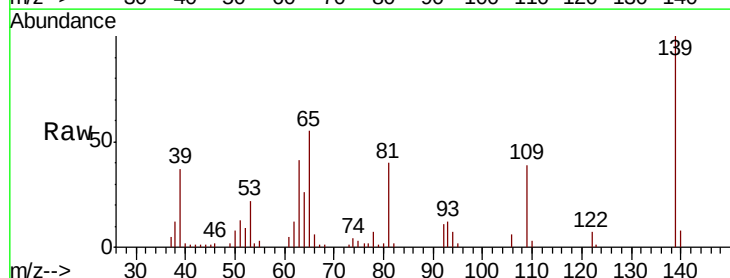
Tgt Ion: 139 Resp: 33895

Ion Ratio Lower Upper

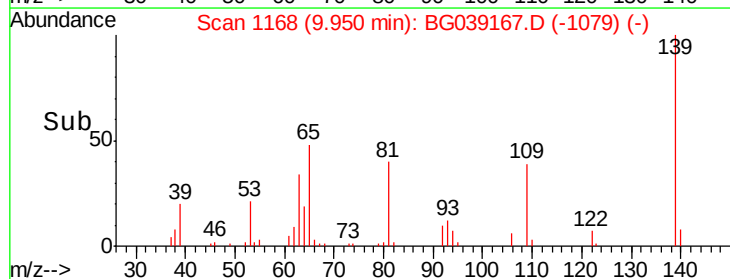
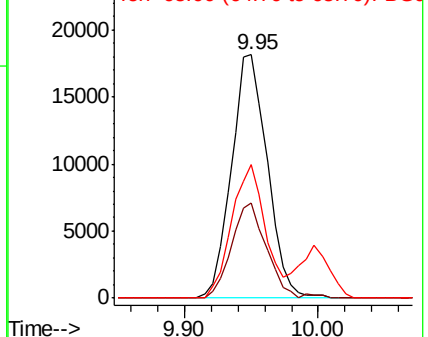
139 100

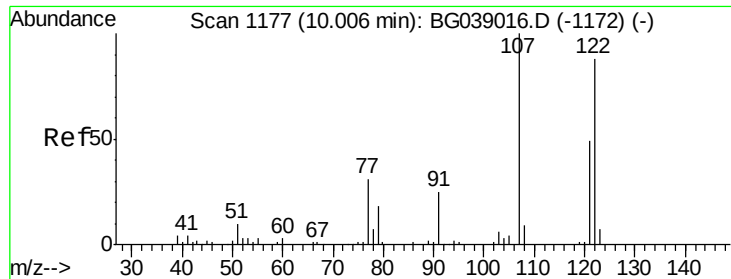
109 39.2 27.3 40.9

65 54.9 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

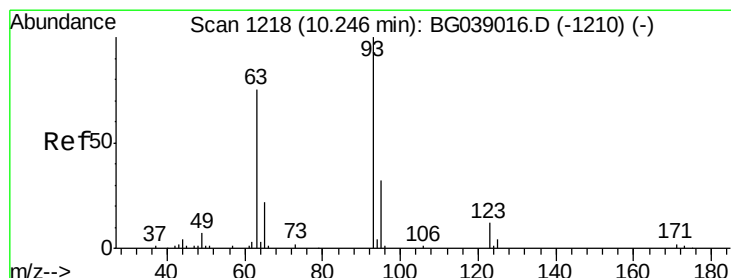
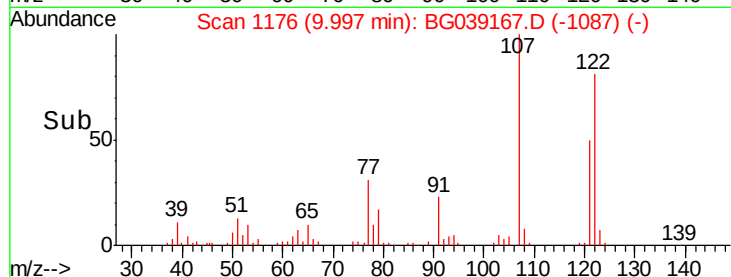
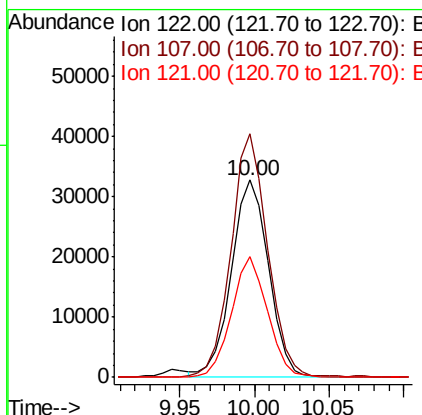
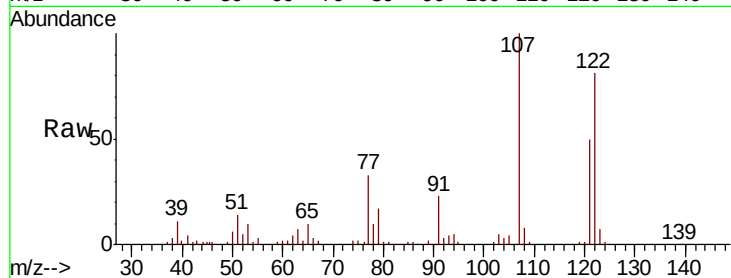




#27
2,4-Dimethylphenol
Concen: 46.486 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

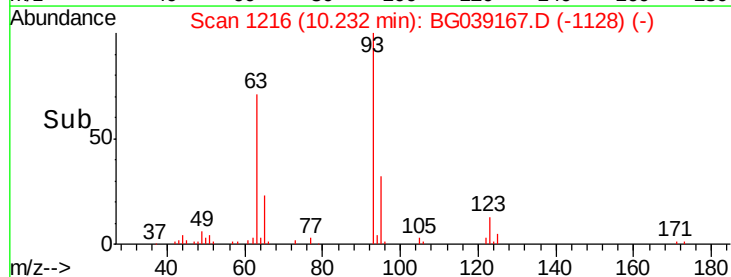
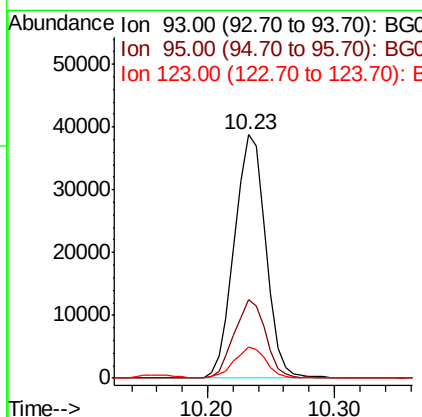
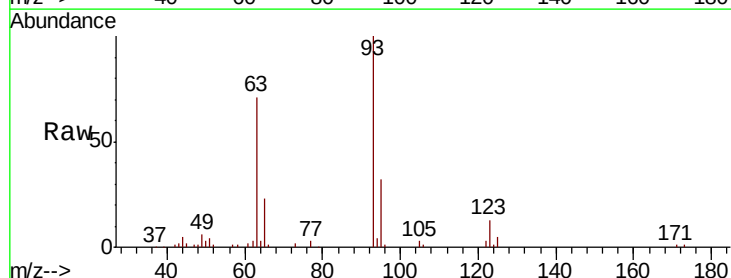
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

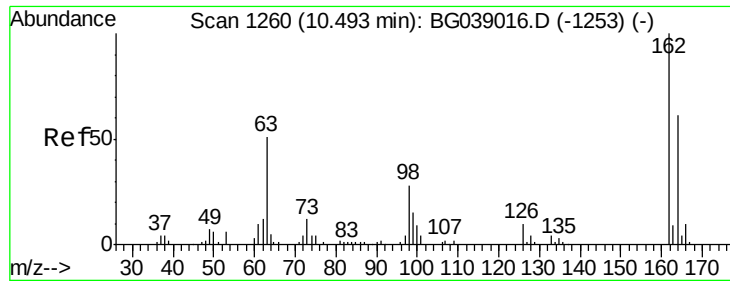
Tgt Ion: 122 Resp: 57022
Ion Ratio Lower Upper
122 100
107 123.4 88.8 133.2
121 61.4 43.1 64.7



#28
bis(2-Chloroethoxy)methane
Concen: 40.110 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Tgt Ion: 93 Resp: 66222
Ion Ratio Lower Upper
93 100
95 32.3 25.6 38.4
123 12.7 10.1 15.1

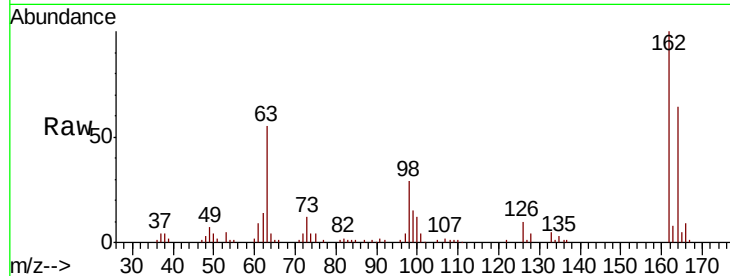




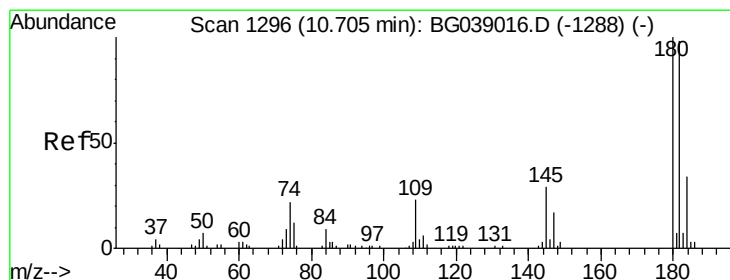
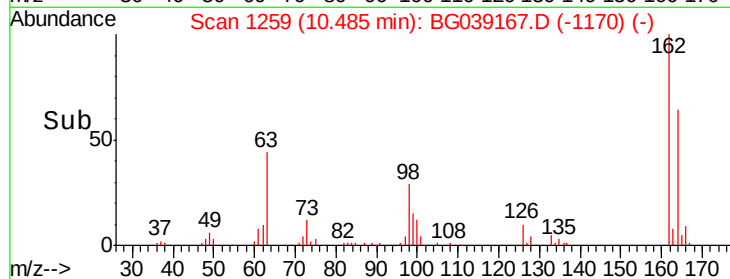
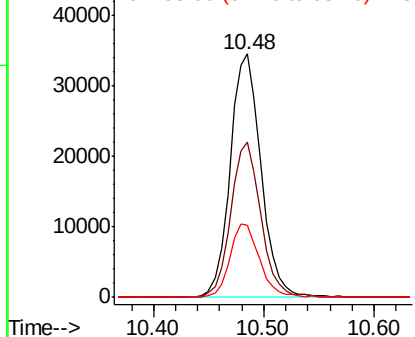
#29
 2,4-Dichlorophenol
 Concen: 44.361 ng
 RT: 10.48 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion:162 Resp: 67602
 Ion Ratio Lower Upper
 162 100
 164 64.0 41.3 81.3
 98 29.4 8.3 48.3

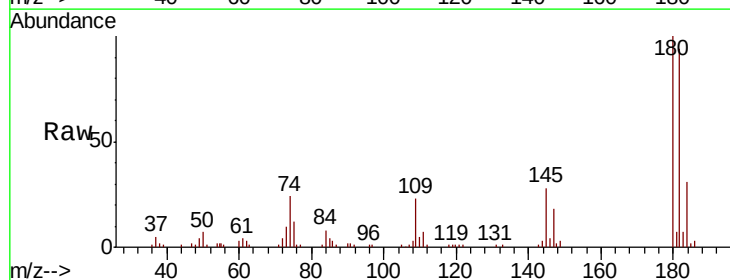


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

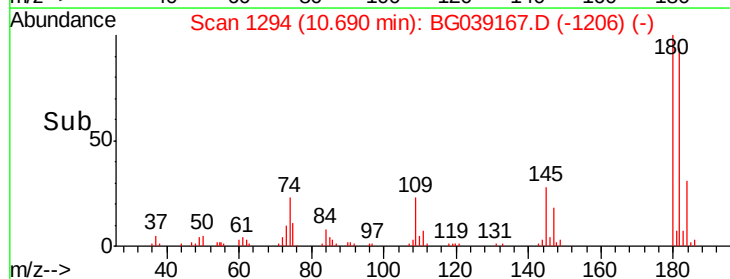
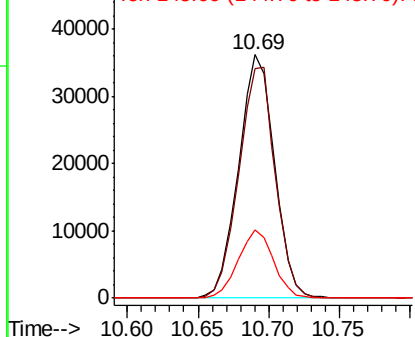


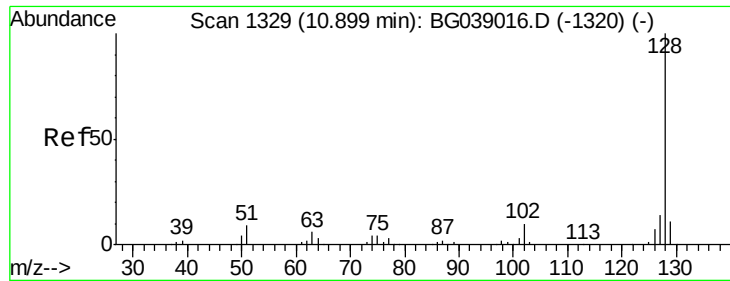
#30
 1,2,4-Trichlorobenzene
 Concen: 35.199 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Tgt Ion:180 Resp: 64449
 Ion Ratio Lower Upper
 180 100
 182 94.3 78.1 117.1
 145 28.0 23.1 34.7



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

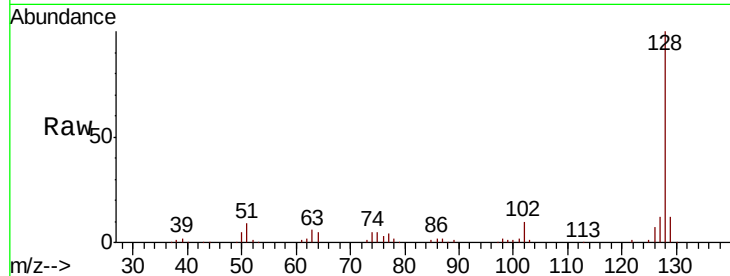




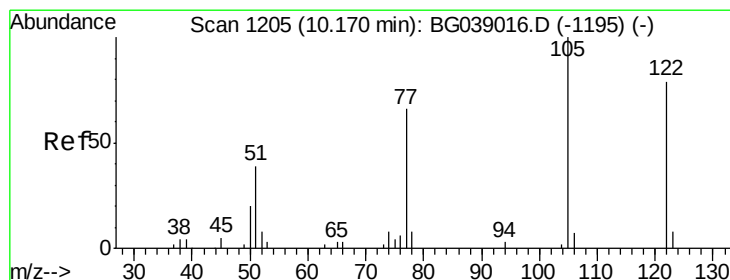
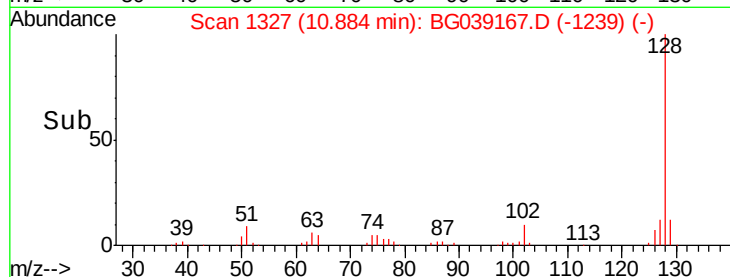
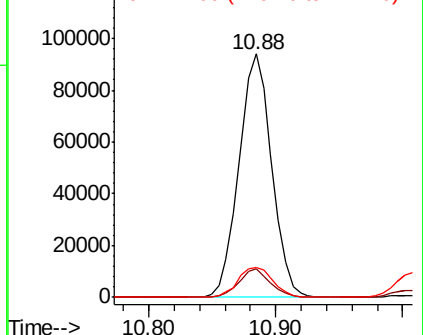
#31
Naphthalene
Concen: 38.277 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion:128 Resp: 167529
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 12.2 11.2 16.8

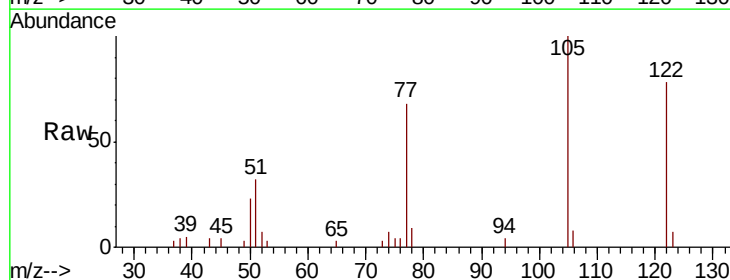


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

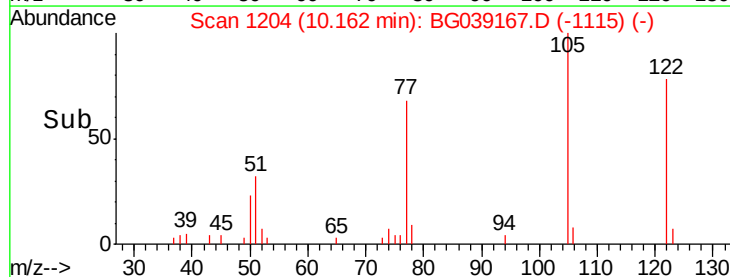
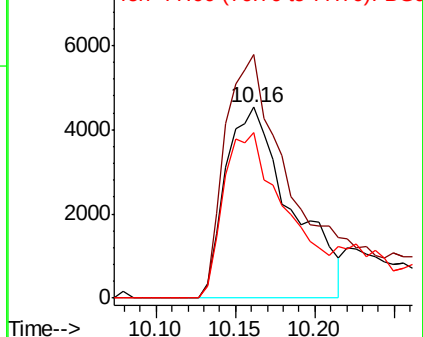


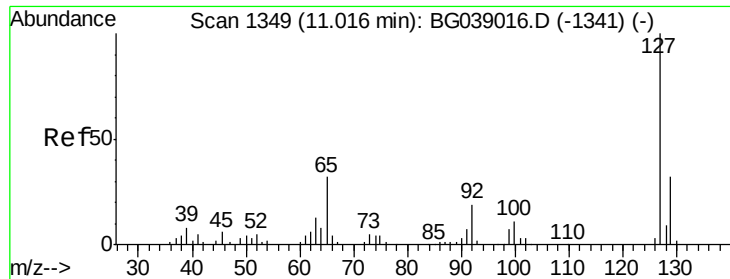
#32
Benzoic acid
Concen: 23.252 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Tgt Ion:122 Resp: 12967
Ion Ratio Lower Upper
122 100
105 127.7 106.4 146.4
77 86.6 63.6 103.6



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

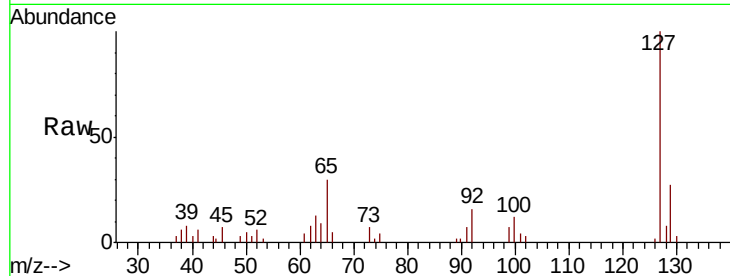




#33
4-Chloroaniline
Concen: 10.014 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion:	127	Resp:	19612
Ion	Ratio	Lower	Upper
127	100		
129	26.7	25.4	38.0
65	30.3	25.4	38.0
92	15.9	15.2	22.8



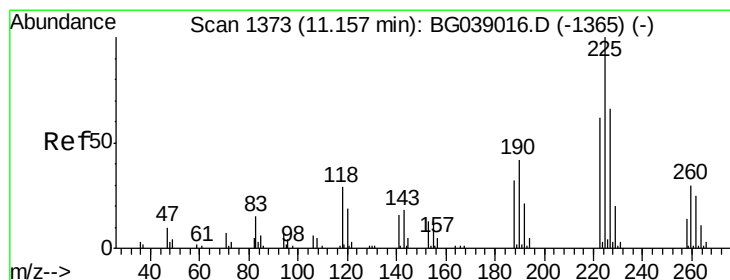
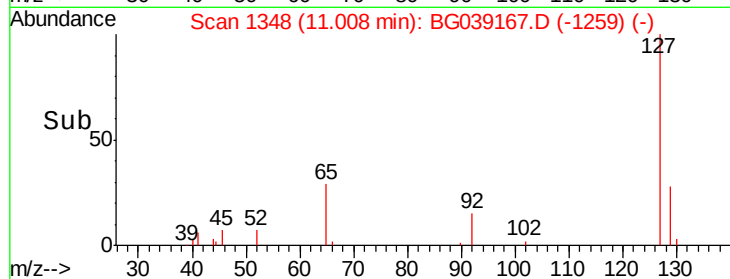
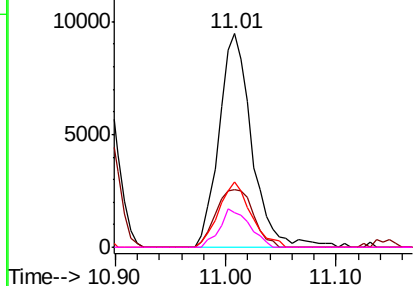
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

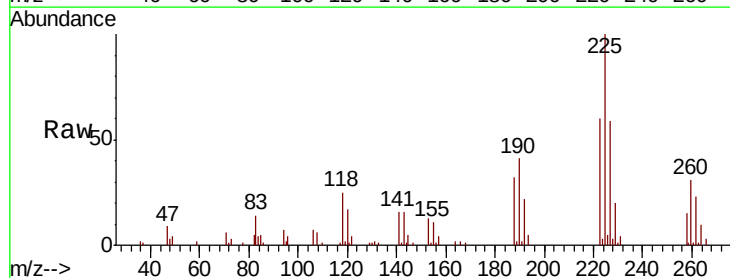
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 34.625 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Tgt Ion:	225	Resp:	43623
Ion	Ratio	Lower	Upper
225	100		
223	60.2	50.2	75.4
227	56.1	53.2	79.8

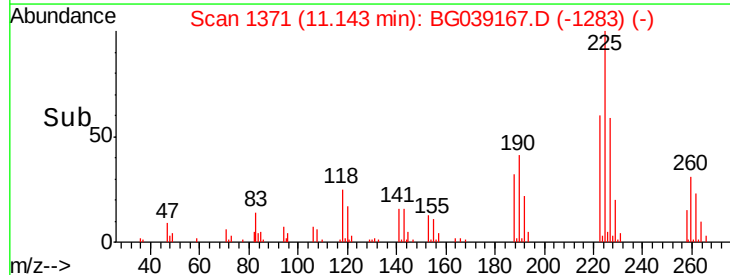
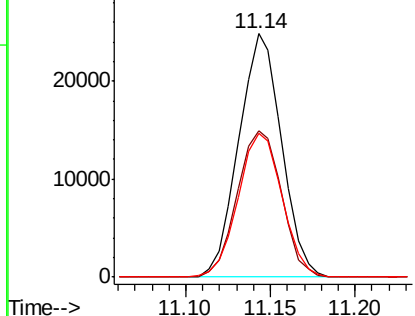


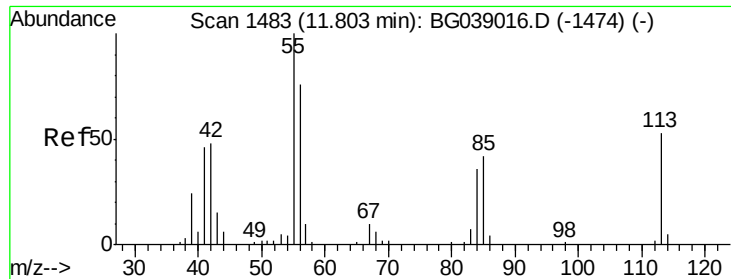
Abundance

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

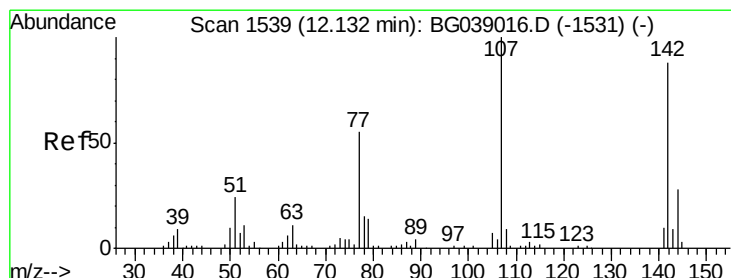
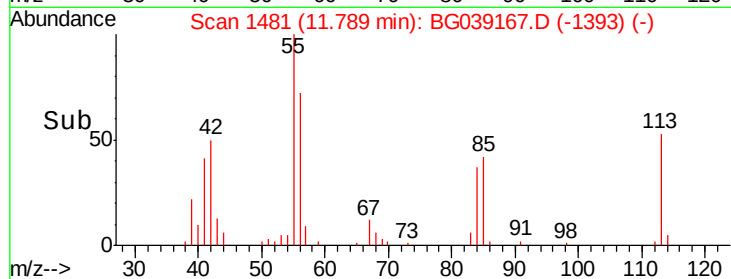
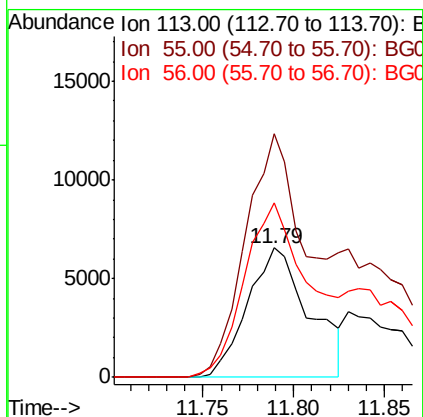
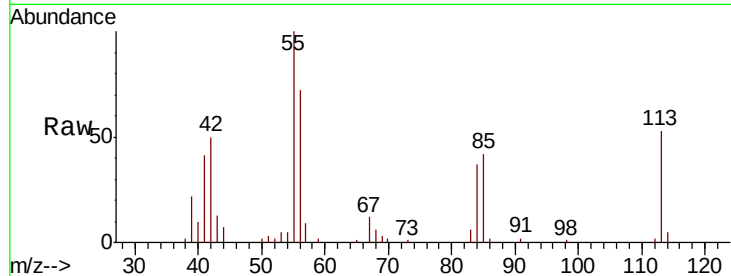




#35
 Caprolactam
 Concen: 25.430 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

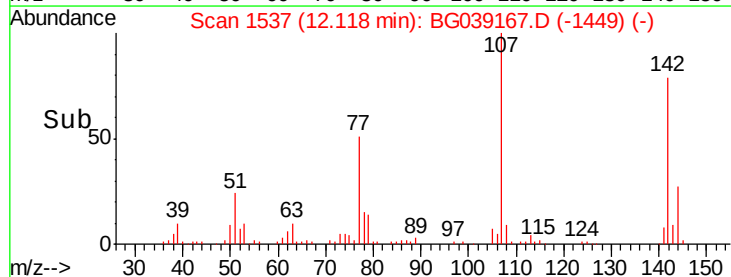
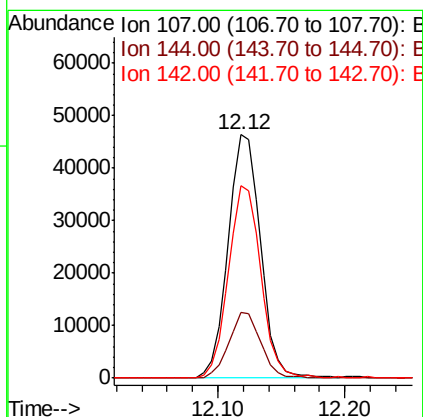
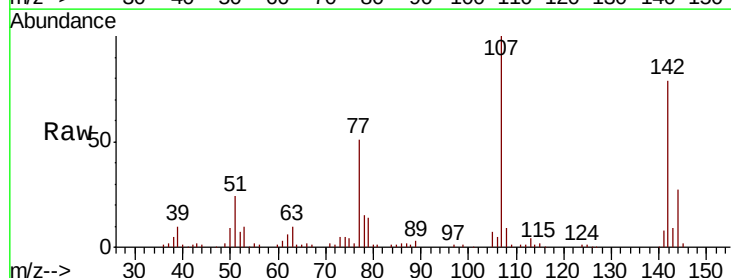
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMSD

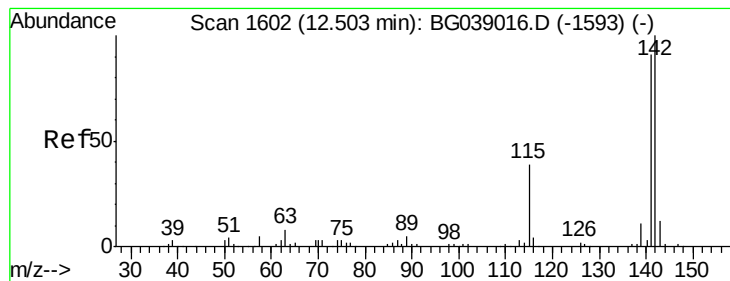
Tgt Ion:113 Resp: 15540
 Ion Ratio Lower Upper
 113 100
 55 188.3 168.6 208.6
 56 134.6 123.2 163.2



#36
 4-Chloro-3-methylphenol
 Concen: 50.232 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Tgt Ion:107 Resp: 81873
 Ion Ratio Lower Upper
 107 100
 144 27.0 22.6 34.0
 142 79.1 70.2 105.4

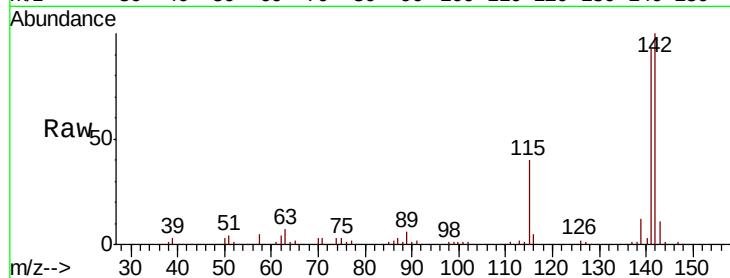




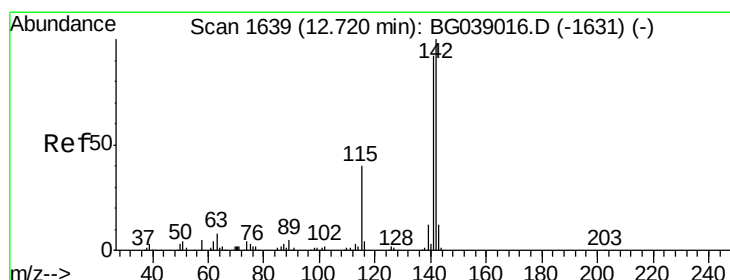
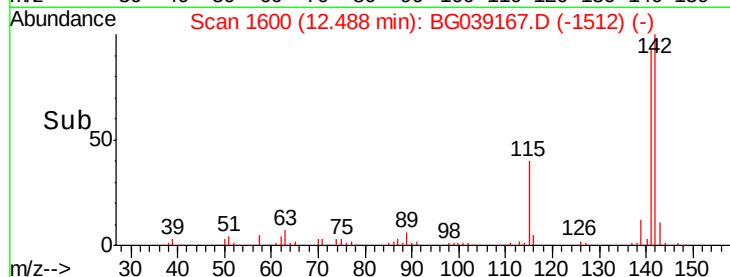
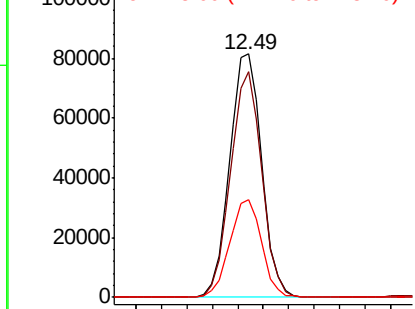
#37
 2-Methylnaphthalene
 Concen: 43.244 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion:142 Resp: 141902
 Ion Ratio Lower Upper
 142 100
 141 92.7 72.6 109.0
 115 40.2 31.1 46.7

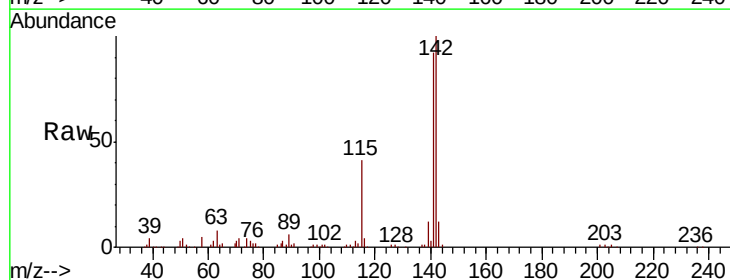


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

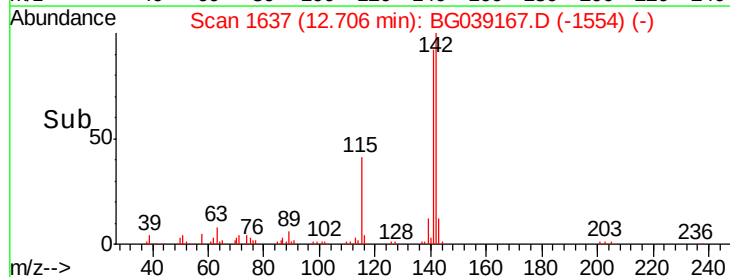
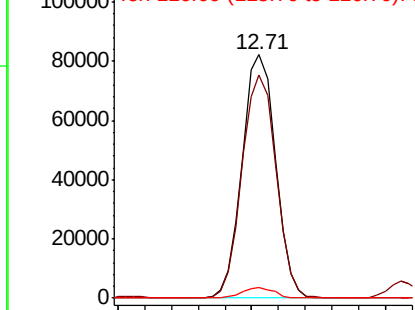


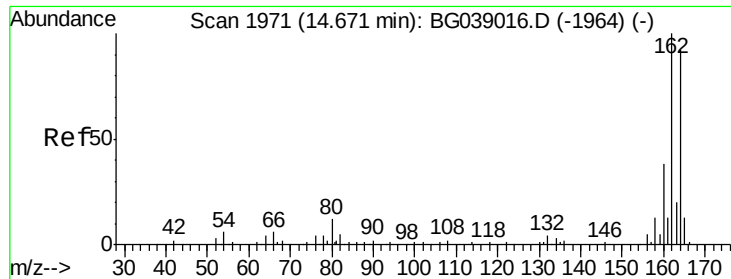
#38
 1-Methylnaphthalene
 Concen: 45.304 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Tgt Ion:142 Resp: 142690
 Ion Ratio Lower Upper
 142 100
 141 91.8 73.3 109.9
 116 4.5 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# 1970

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

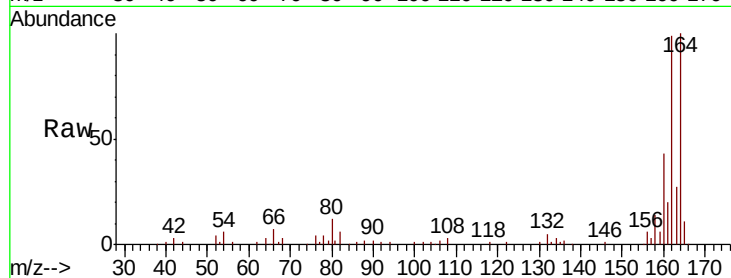
Tgt Ion:164 Resp: 69038

Ion Ratio Lower Upper

164 100

162 99.3 87.2 130.8

160 43.2 33.3 49.9

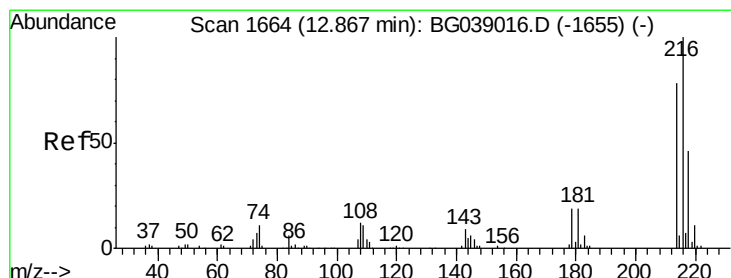
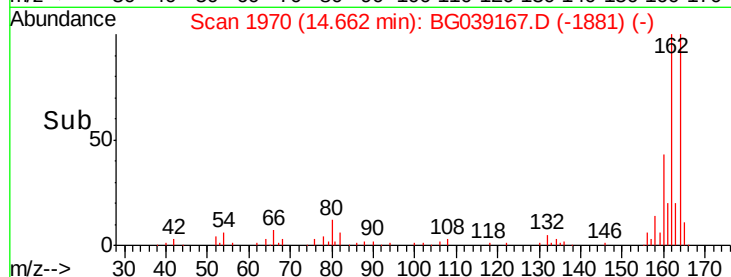
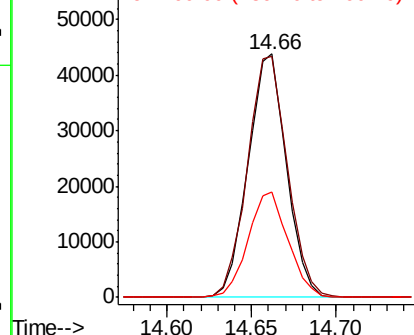


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.069 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Tgt Ion:216 Resp: 93519

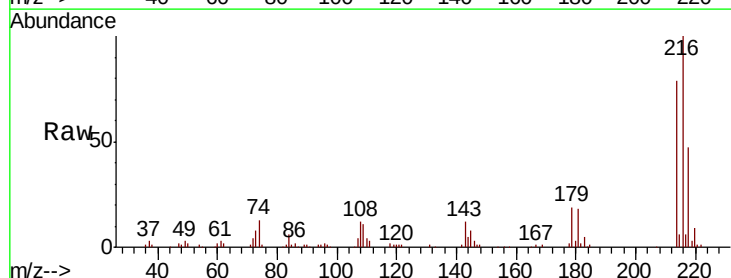
Ion Ratio Lower Upper

216 100

214 77.7 63.4 95.2

179 19.6 15.5 23.3

108 13.0 11.4 17.2



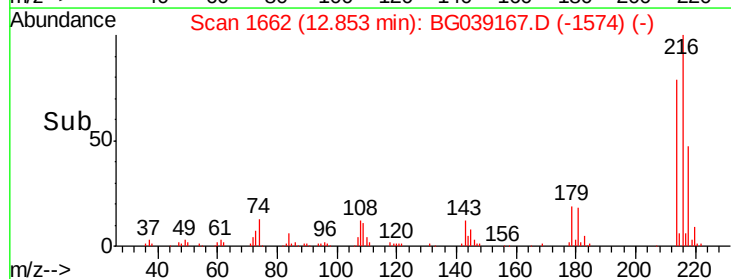
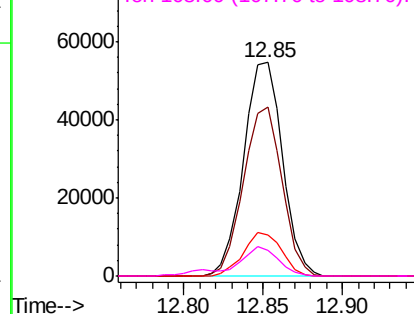
Abundance

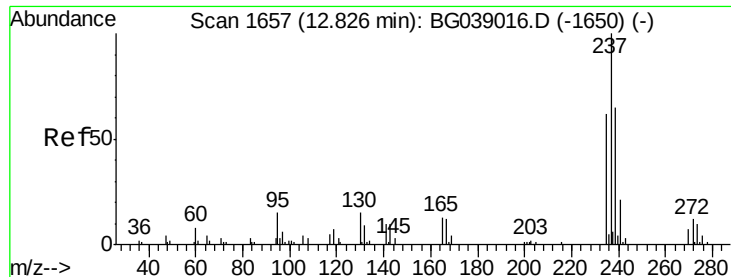
Ion 216.00 (215.70 to 216.70): E

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

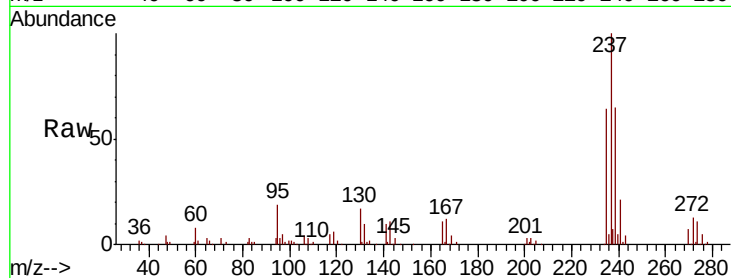




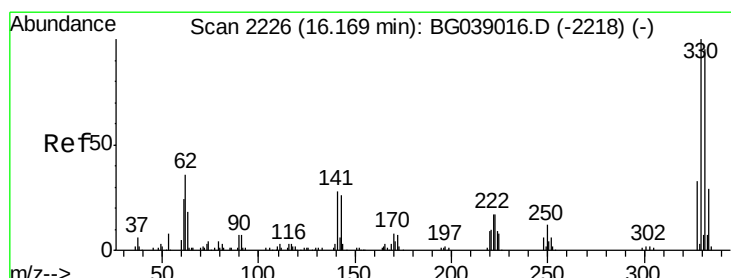
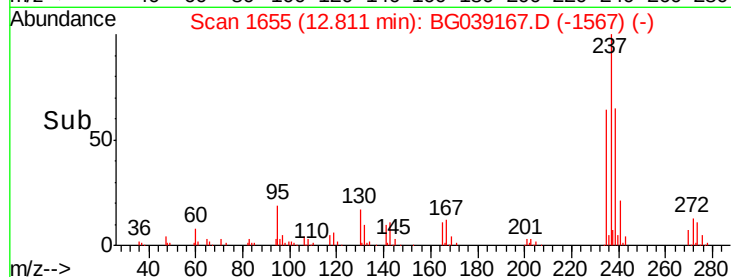
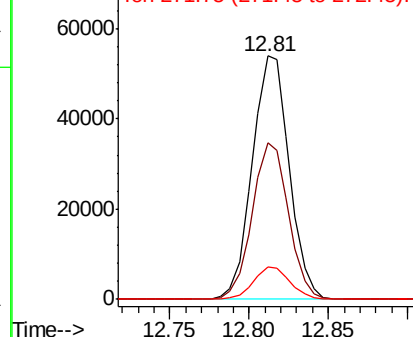
#41
Hexachlorocyclopentadiene
Concen: 61.235 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion: 237 Resp: 87304
Ion Ratio Lower Upper
237 100
235 64.4 41.7 81.7
272 13.4 0.0 32.1

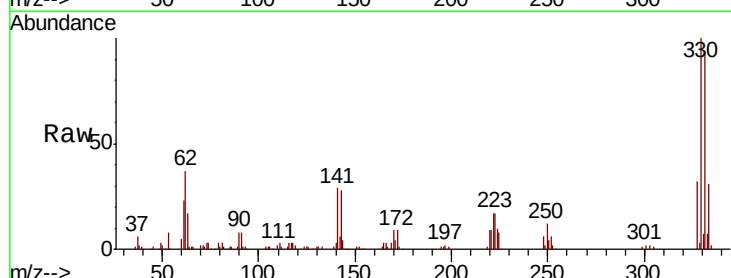


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

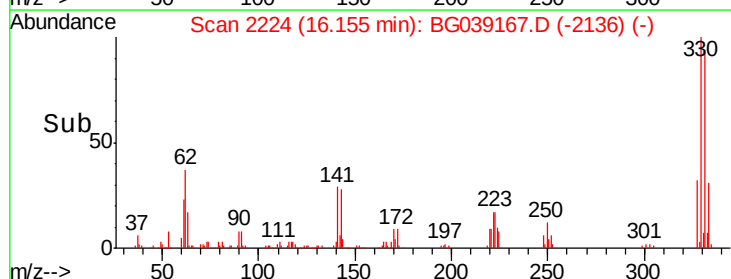
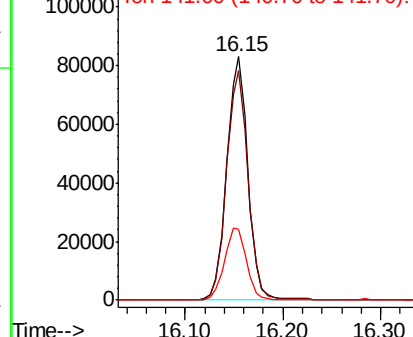


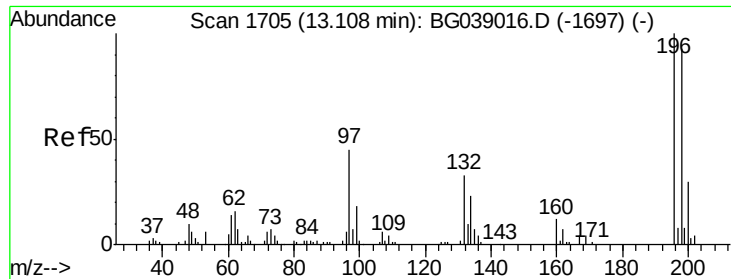
#42
2,4,6-Tribromophenol
Concen: 107.622 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Tgt Ion: 330 Resp: 124548
Ion Ratio Lower Upper
330 100
332 95.9 75.7 113.5
141 30.9 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

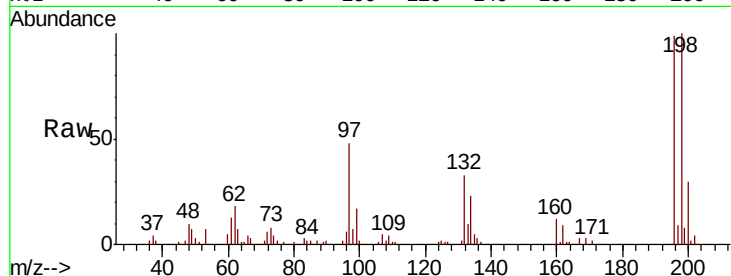




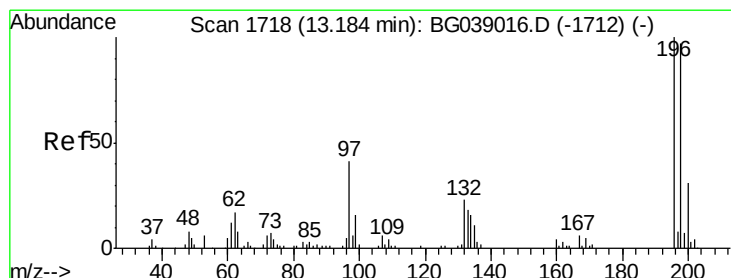
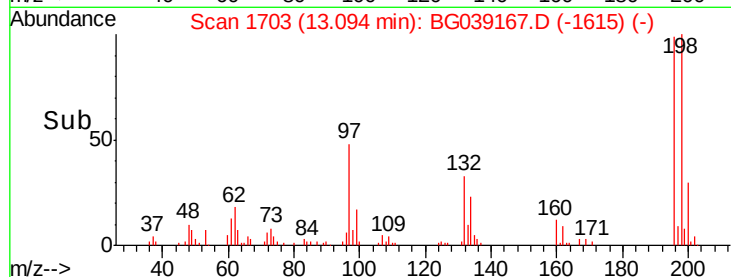
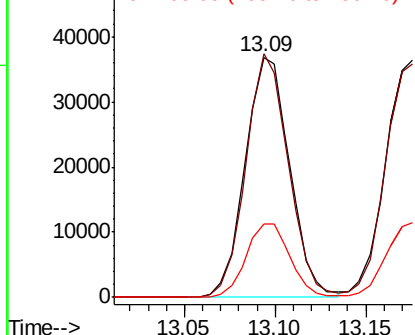
#43
 2,4,6-Trichlorophenol
 Concen: 38.484 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion:196 Resp: 62799
 Ion Ratio Lower Upper
 196 100
 198 101.4 74.5 111.7
 200 30.6 23.8 35.6



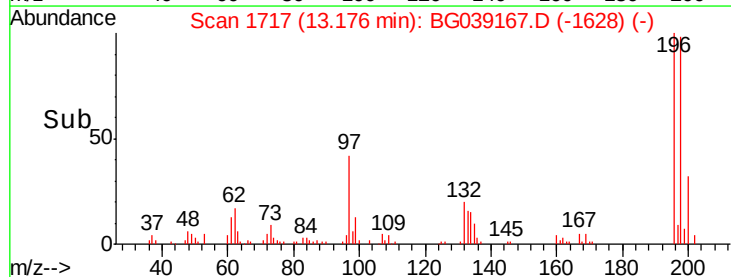
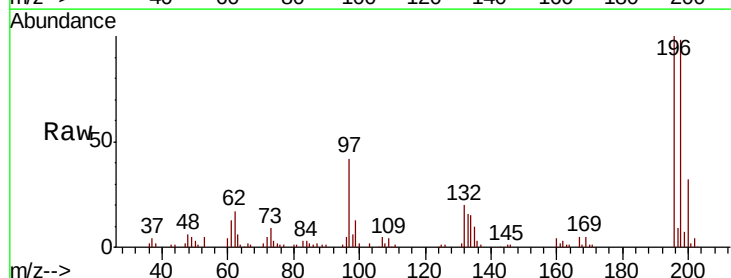
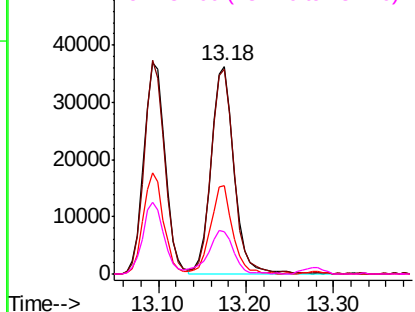
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

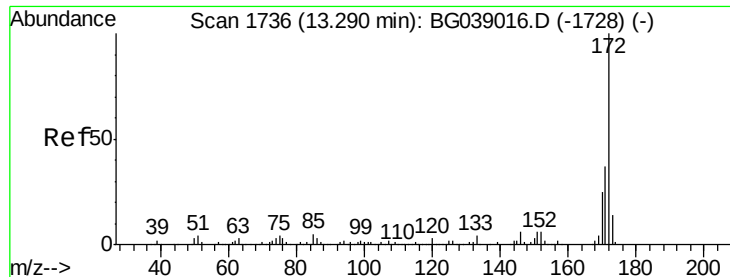


#44
 2,4,5-Trichlorophenol
 Concen: 38.650 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Tgt Ion:196 Resp: 66660
 Ion Ratio Lower Upper
 196 100
 198 98.5 78.1 117.1
 97 42.5 33.2 49.8
 132 20.3 18.2 27.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

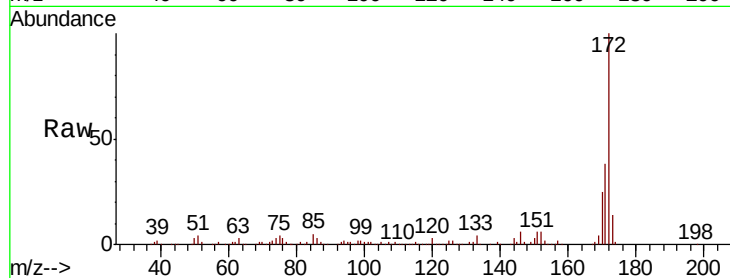




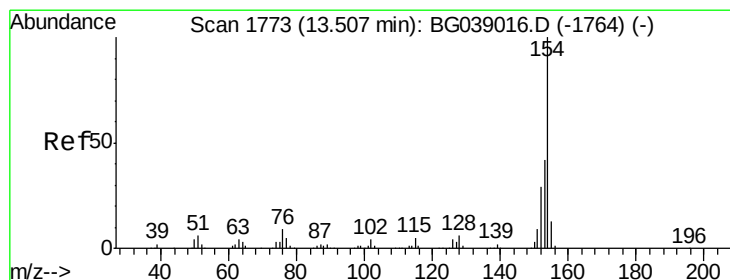
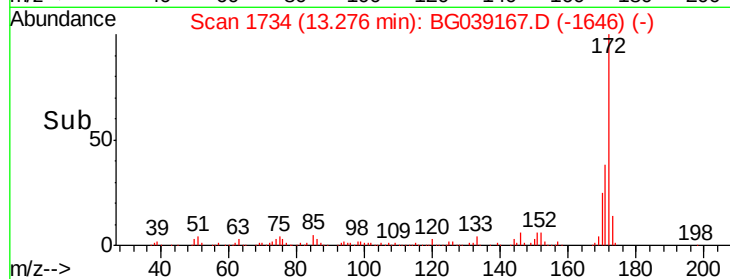
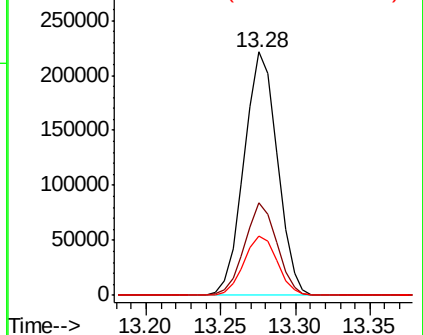
#45
2-Fluorobiphenyl
Concen: 67.814 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion:172 Resp: 342093
Ion Ratio Lower Upper
172 100
171 38.0 29.4 44.0
170 24.5 20.1 30.1

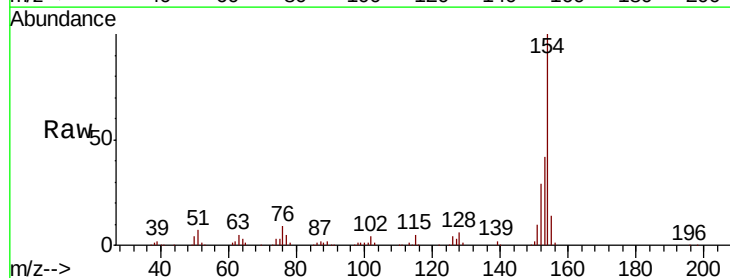


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

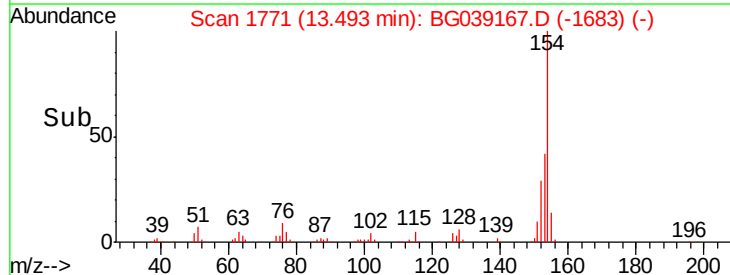
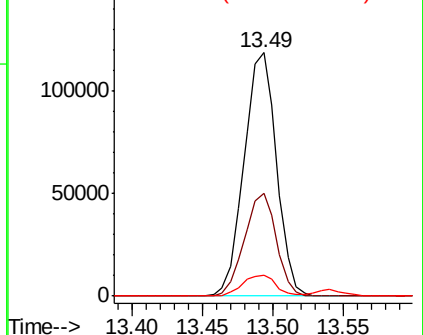


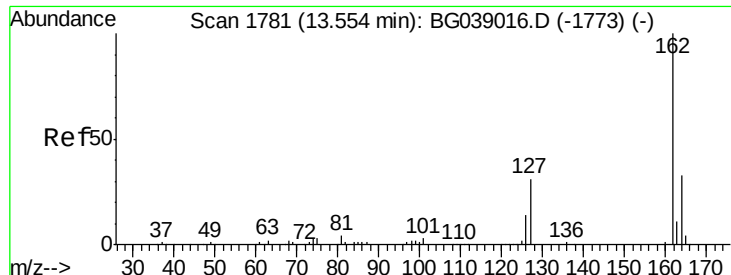
#46
1,1'-Biphenyl
Concen: 34.955 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Tgt Ion:154 Resp: 191216
Ion Ratio Lower Upper
154 100
153 42.4 22.4 62.4
76 8.6 0.0 29.4



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

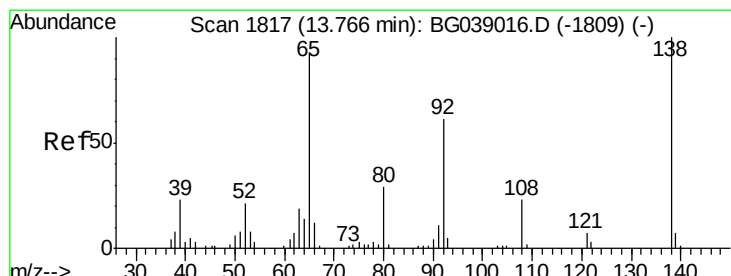
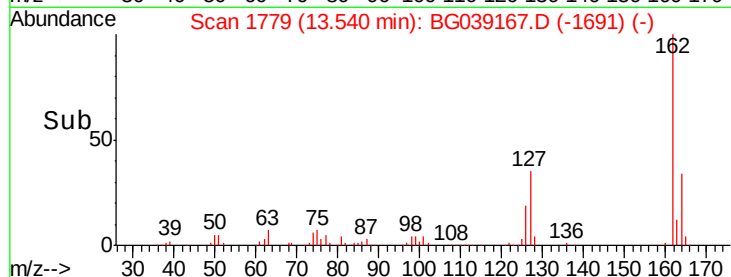
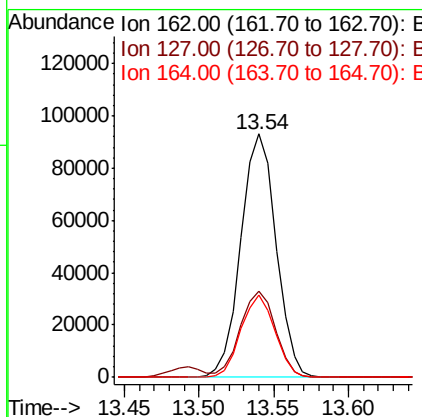
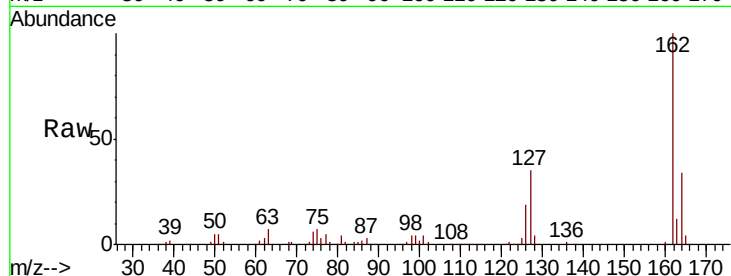




#47
 2-Chloronaphthalene
 Concen: 34.303 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

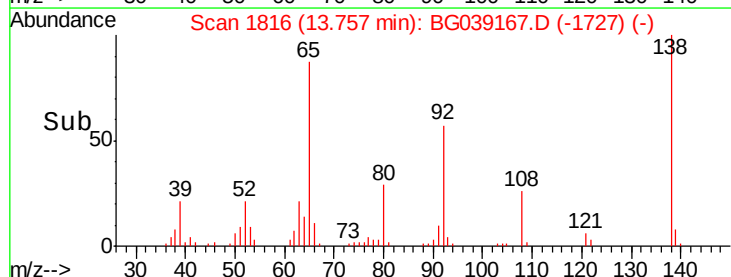
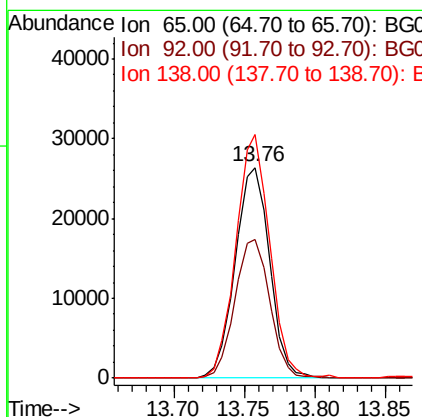
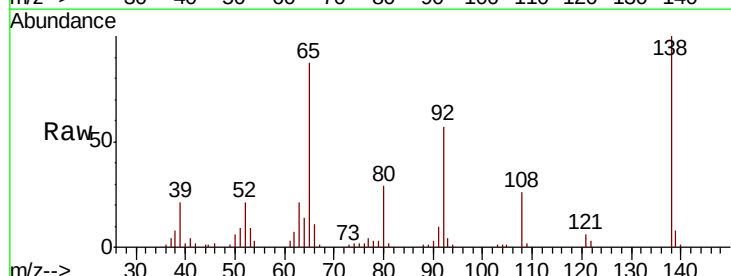
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMSD

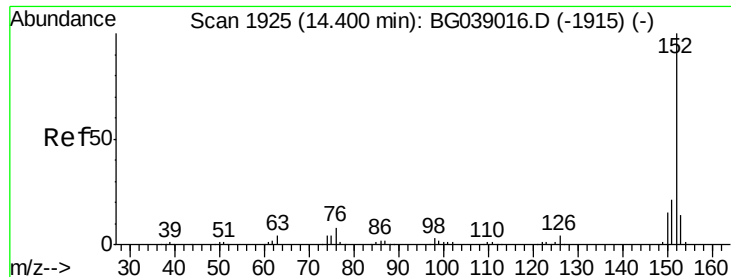
Tgt Ion: 162 Resp: 151853
 Ion Ratio Lower Upper
 162 100
 127 35.5 28.4 42.6
 164 33.7 26.3 39.5



#48
 2-Nitroaniline
 Concen: 36.341 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Tgt Ion: 65 Resp: 45070
 Ion Ratio Lower Upper
 65 100
 92 66.0 52.2 78.4
 138 115.4 86.0 129.0





#49

Acenaphthylene

Concen: 37.460 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

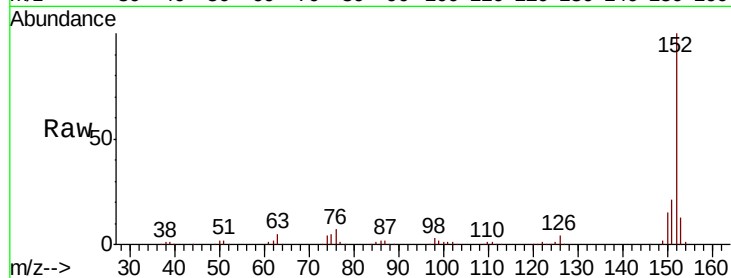
Tgt Ion:152 Resp: 249249

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

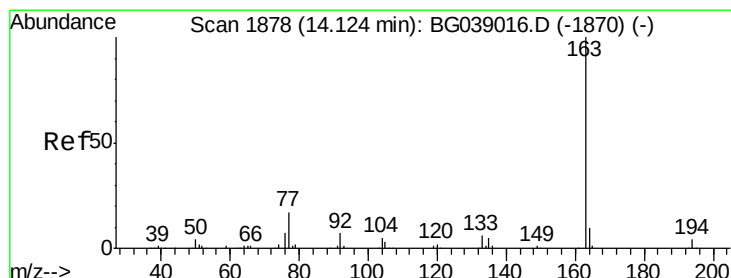
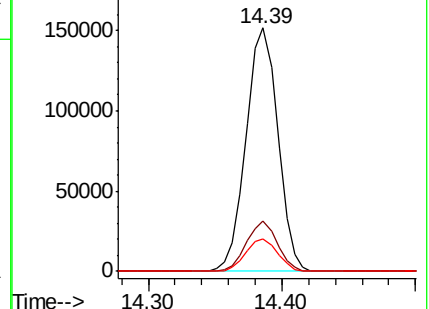
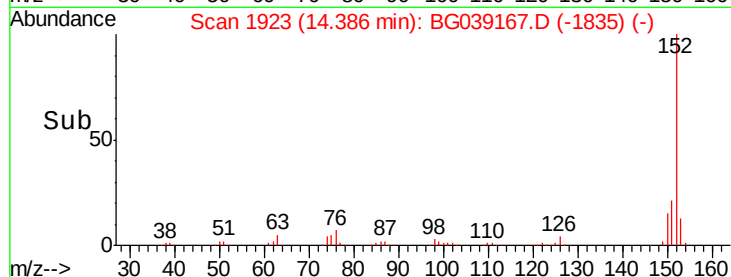
153 13.4 11.2 16.8



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: 51.707 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

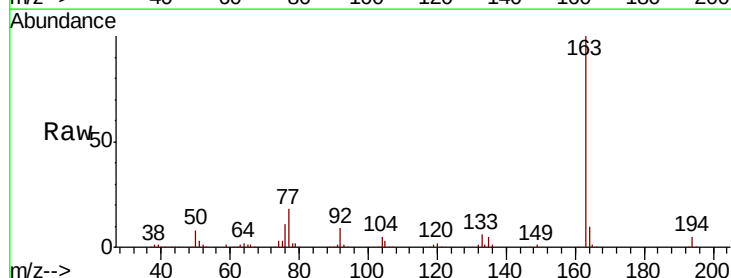
Tgt Ion:163 Resp: 301660

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

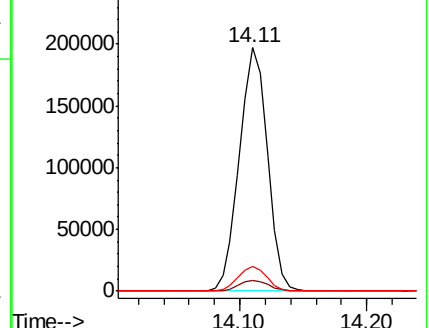
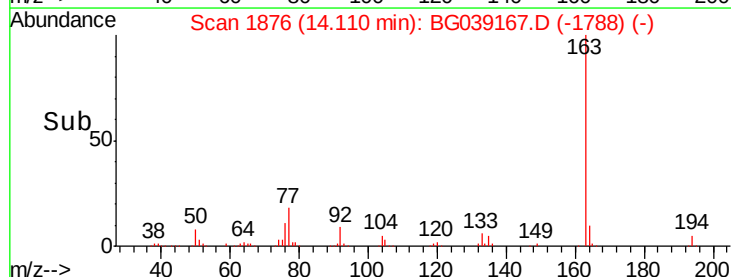
164 10.0 8.2 12.2

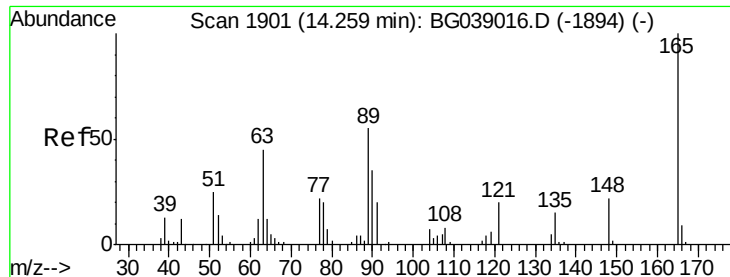


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

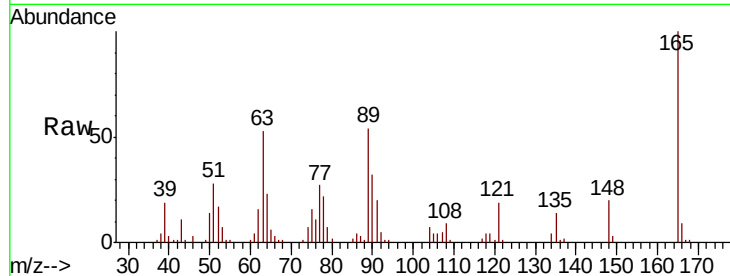




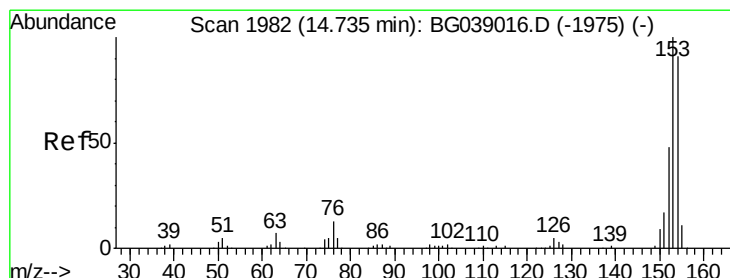
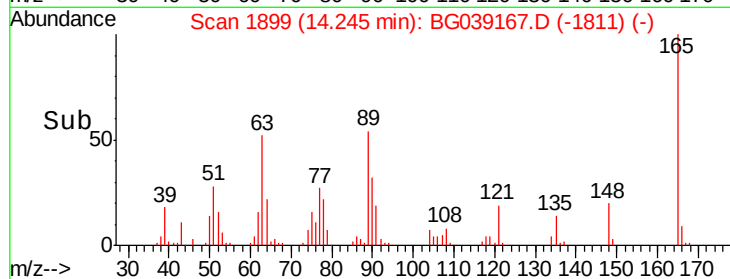
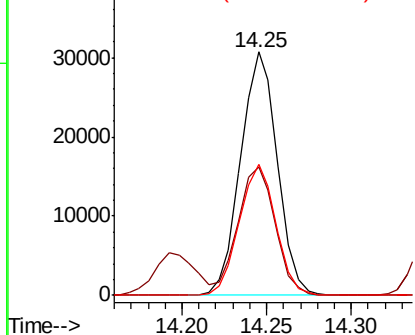
#51
 2,6-Dinitrotoluene
 Concen: 35.504 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.6	43.6	65.4
89	53.8	43.7	65.5

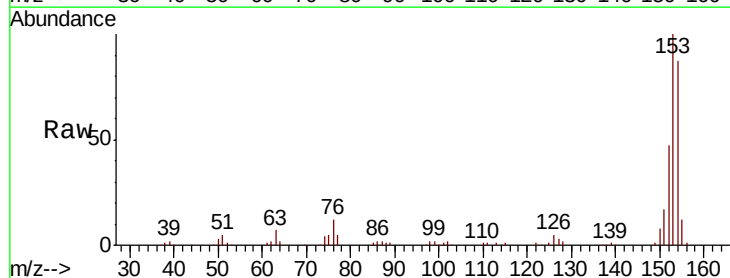


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

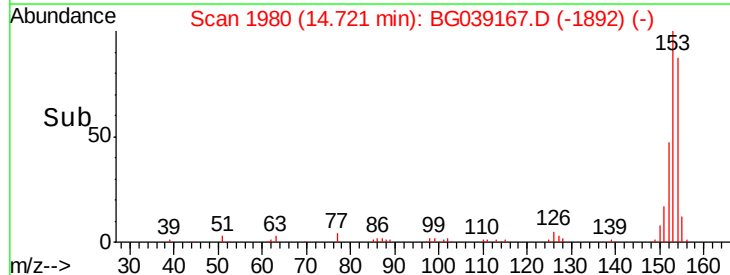
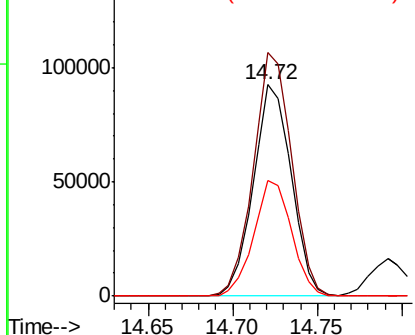


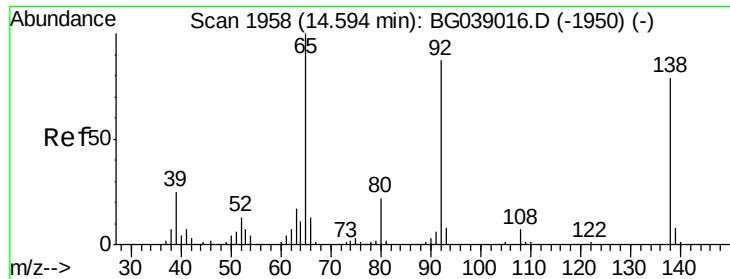
#52
 Acenaphthene
 Concen: 36.096 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.4	87.9	131.9
152	54.6	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: 15.843 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

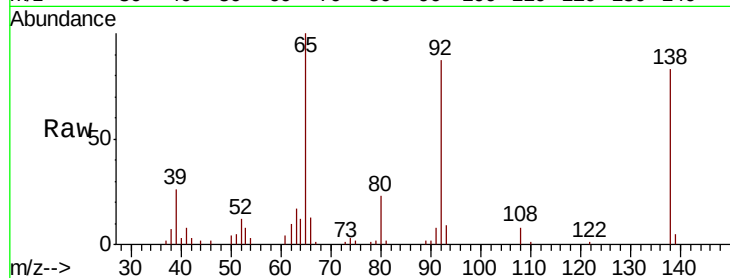
Tgt Ion:138 Resp: 20963

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.0

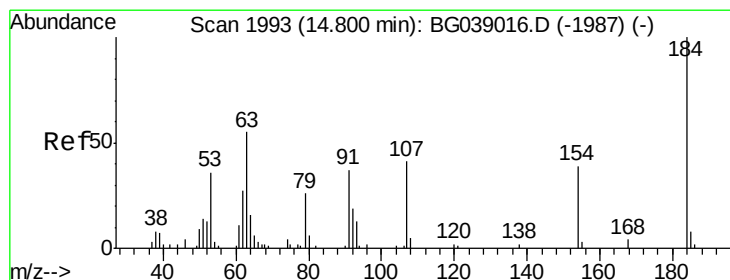
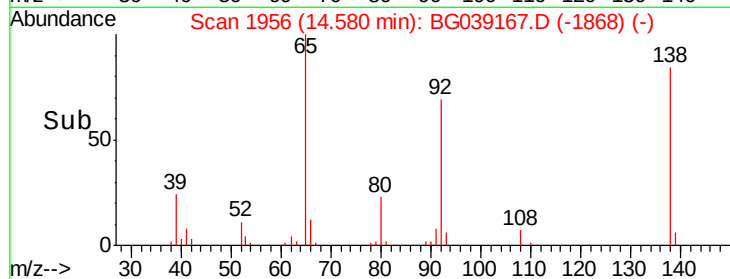
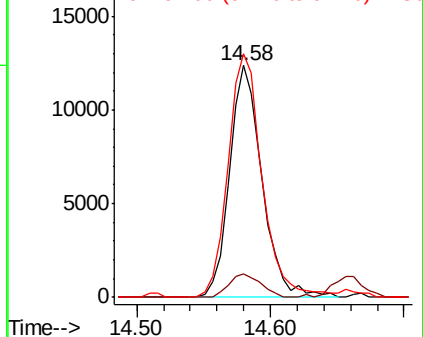
92 104.9 88.2 132.4



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: 58.282 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

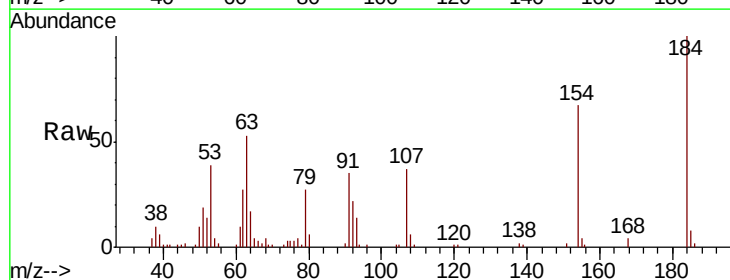
Tgt Ion:184 Resp: 44227

Ion Ratio Lower Upper

184 100

63 53.3 44.0 66.0

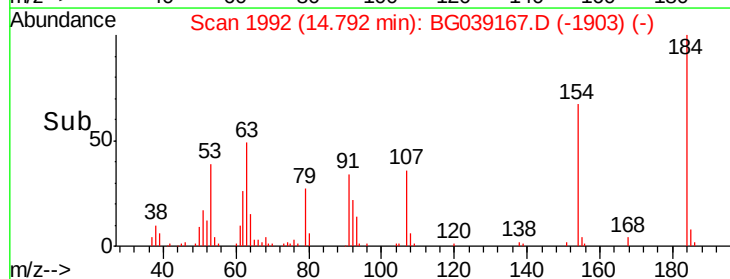
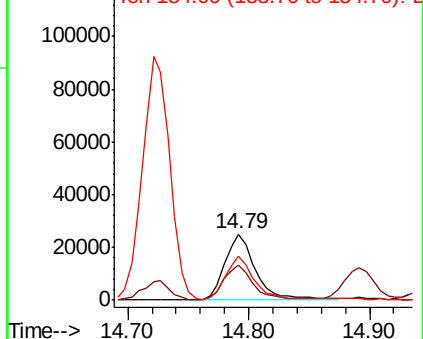
154 66.6 46.1 69.1

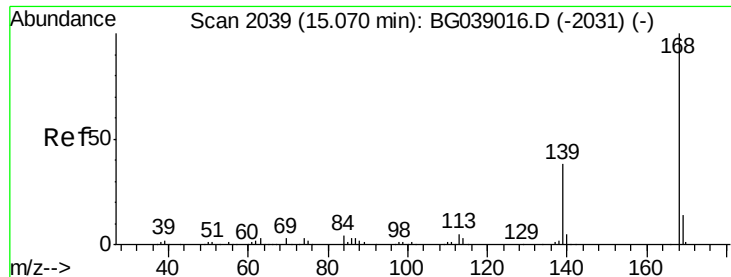


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

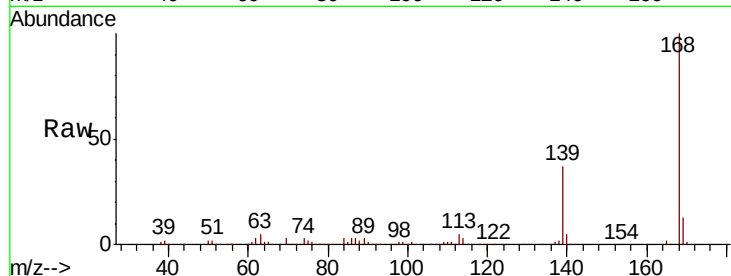




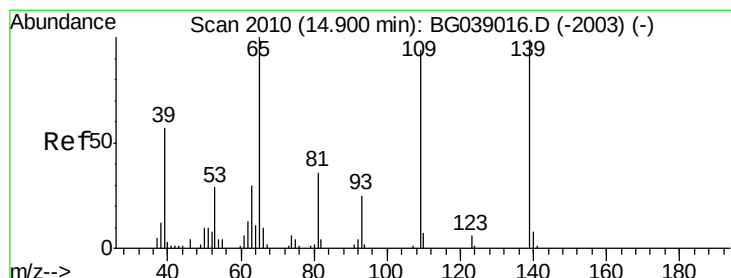
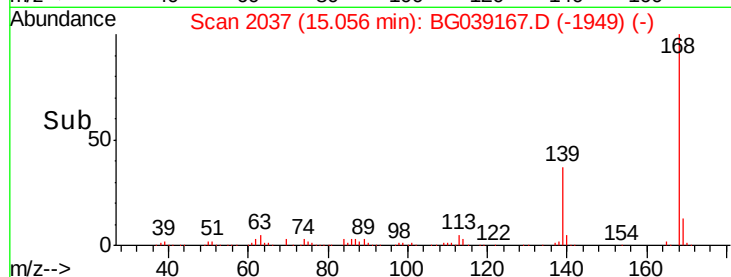
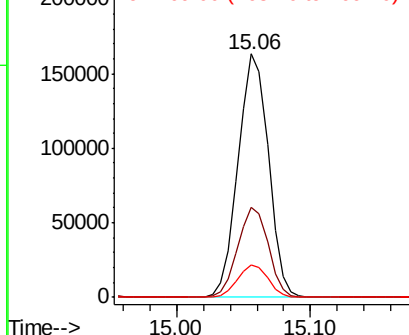
#55
Dibenzenofuran
Concen: 36.387 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion:168 Resp: 256908
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.4 10.9 16.3

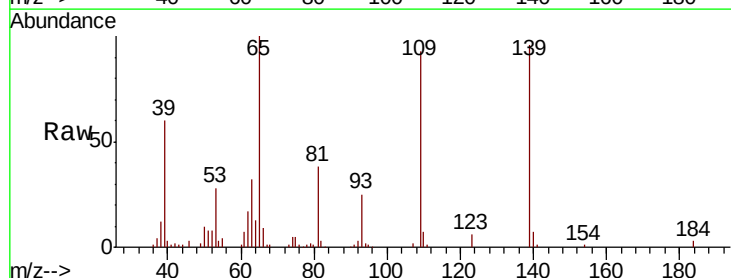


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

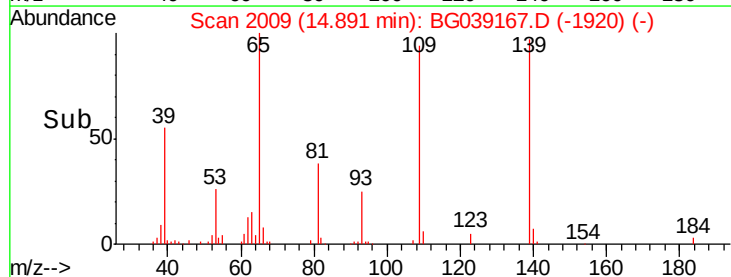
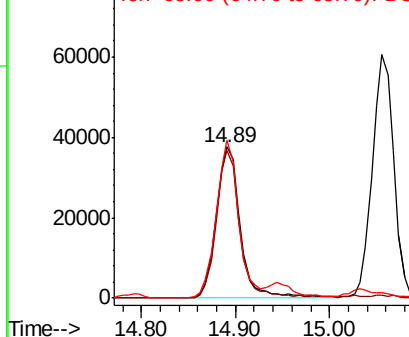


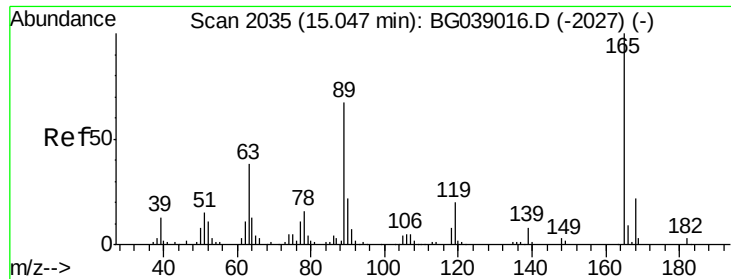
#56
4-Nitrophenol
Concen: 71.277 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Tgt Ion:139 Resp: 67859
Ion Ratio Lower Upper
139 100
109 97.3 75.6 115.6
65 104.1 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): BG





#57

2,4-Dinitrotoluene

Concen: 35.873 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion:165 Resp: 67130

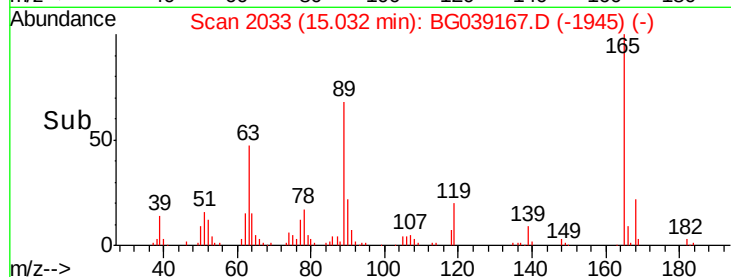
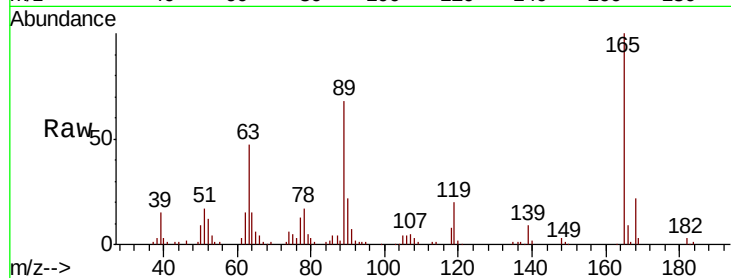
Ion Ratio Lower Upper

165 100

63 46.8 30.2 45.4#

89 67.8 53.2 79.8

182 2.7 2.7 4.1

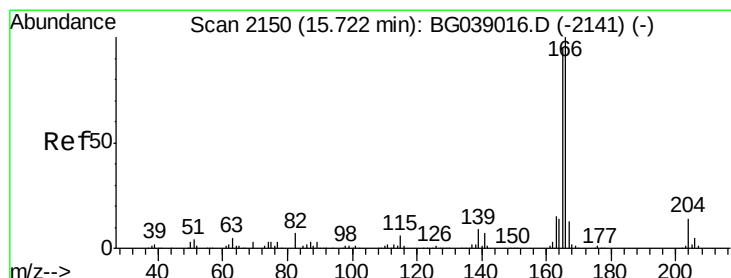
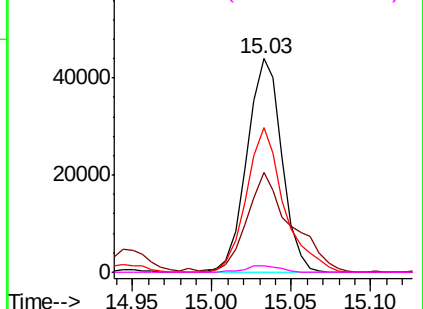


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.832 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

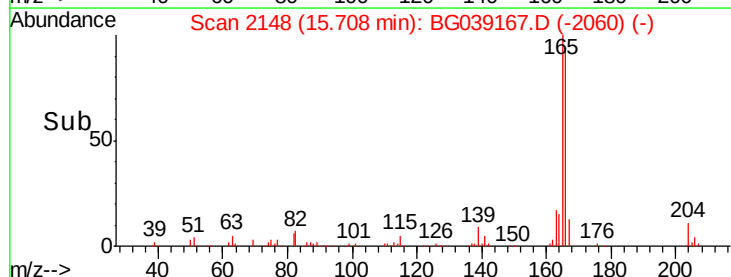
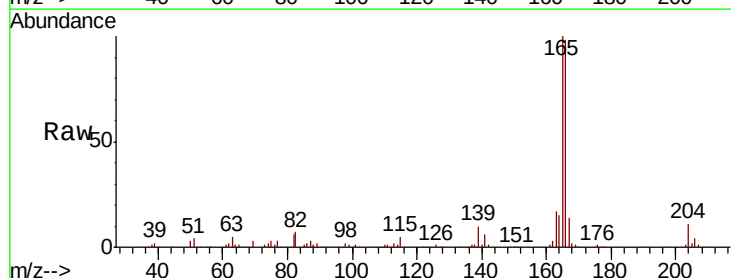
Tgt Ion:166 Resp: 201061

Ion Ratio Lower Upper

166 100

165 102.5 76.2 114.2

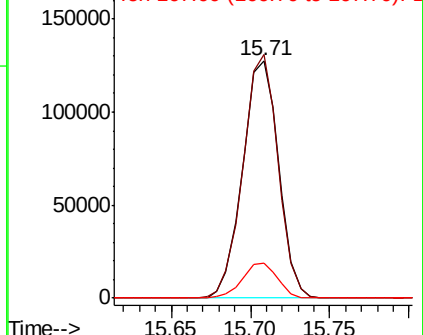
167 14.5 10.6 16.0

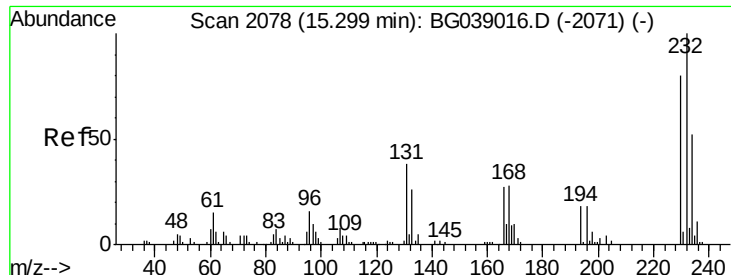


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

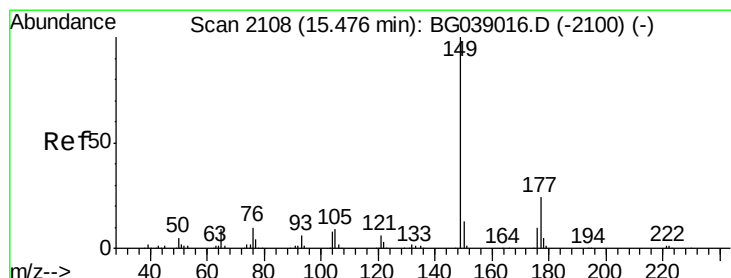
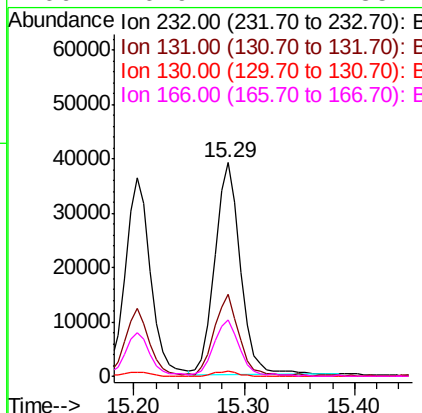
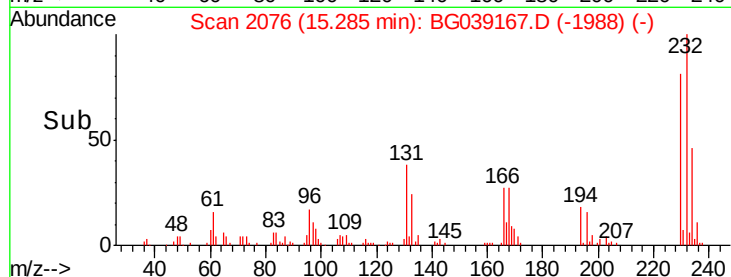
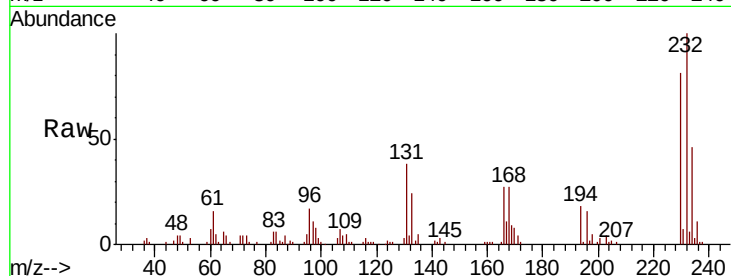




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.497 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

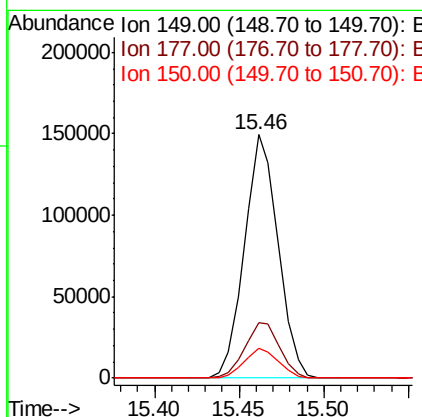
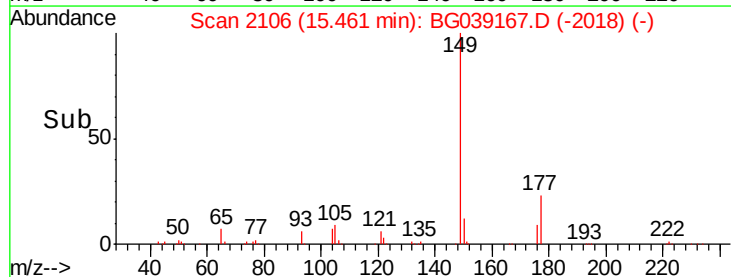
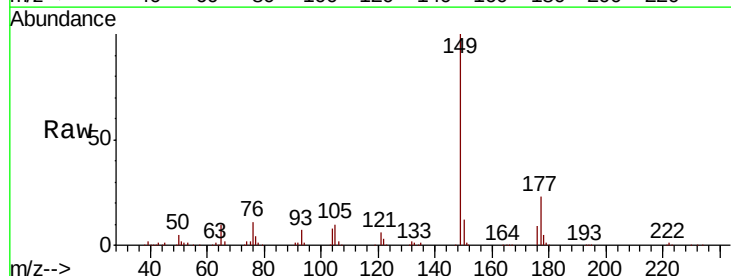
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMSD

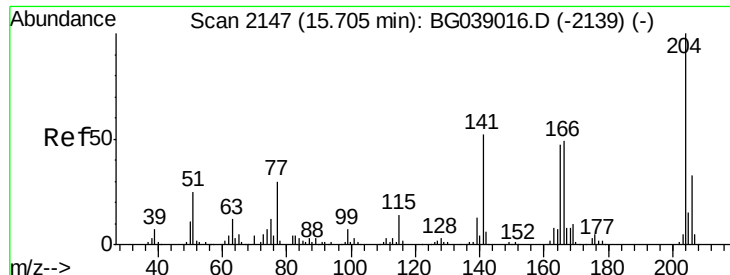
Tgt Ion:	232	Resp:	62676
Ion	Ratio	Lower	Upper
232	100		
131	36.8	30.9	46.3
130	2.3	1.9	2.9
166	26.9	22.1	33.1



#60
 Diethylphthalate
 Concen: 34.459 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Tgt Ion:	149	Resp:	207130
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.6
150	12.5	10.2	15.4

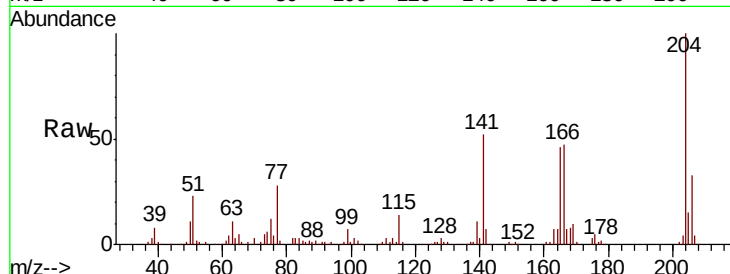




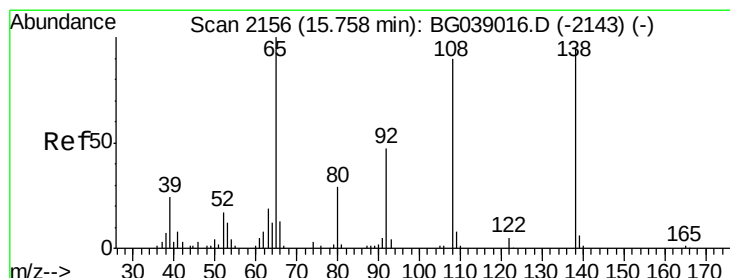
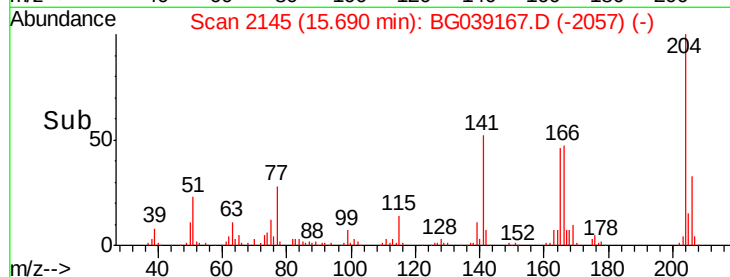
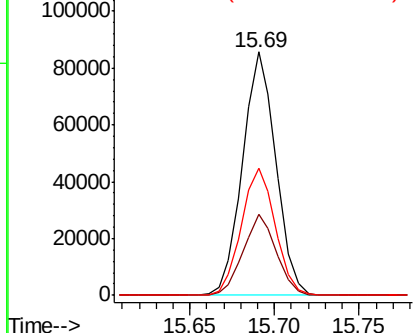
#61
 4-Chlorophenyl-phenylether
 Concen: 35.193 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion:204 Resp: 117834
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.6 39.8
 141 52.2 41.4 62.0

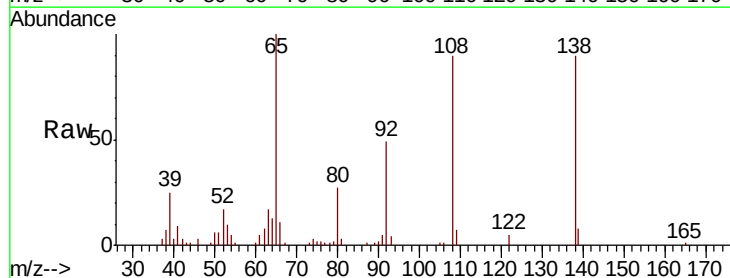


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

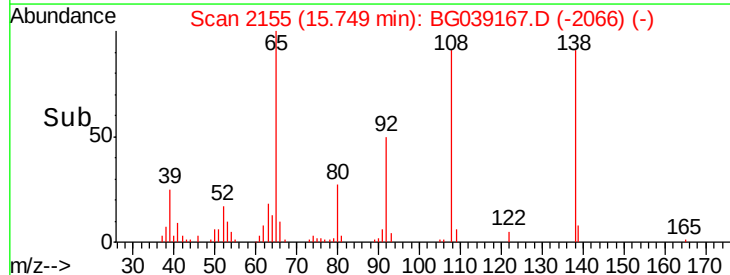
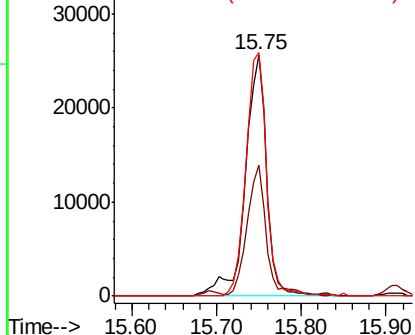


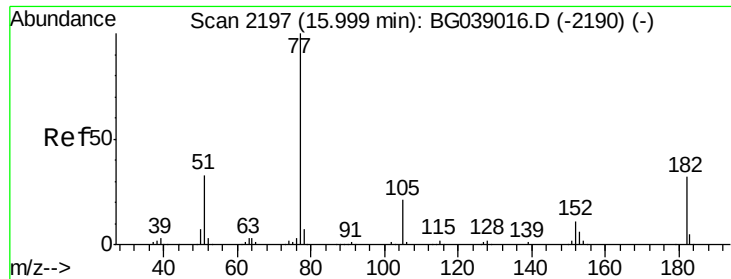
#62
 4-Nitroaniline
 Concen: 32.777 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Tgt Ion:138 Resp: 45180
 Ion Ratio Lower Upper
 138 100
 92 54.4 29.7 69.7
 108 100.9 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: 34.929 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion: 77 Resp: 164187

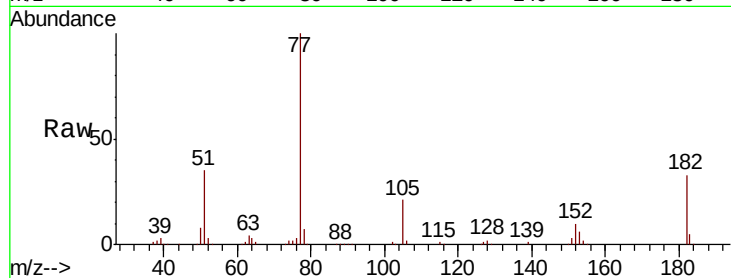
Ion Ratio Lower Upper

77 100

182 33.3 12.2 52.2

105 20.5 1.2 41.2

51 34.9 13.4 53.4

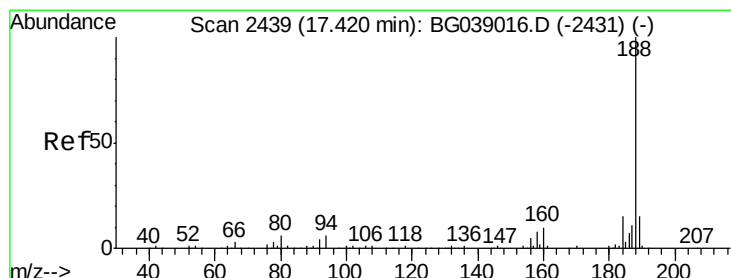
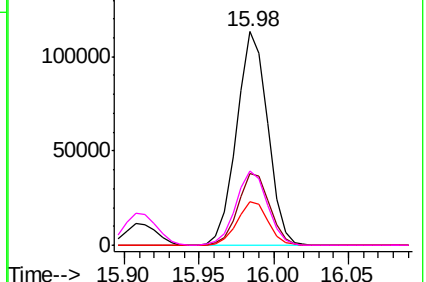
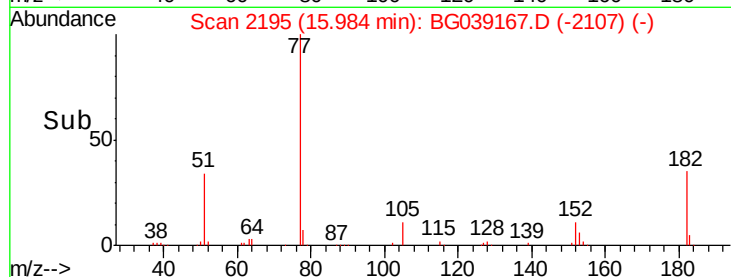


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039167.D

Acq: 16 Jan 2019 21:33

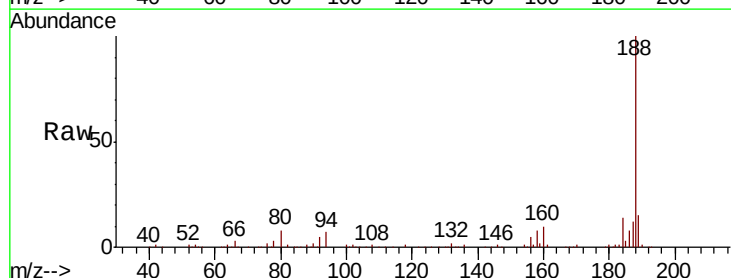
Tgt Ion: 188 Resp: 216781

Ion Ratio Lower Upper

188 100

94 6.6 5.0 7.4

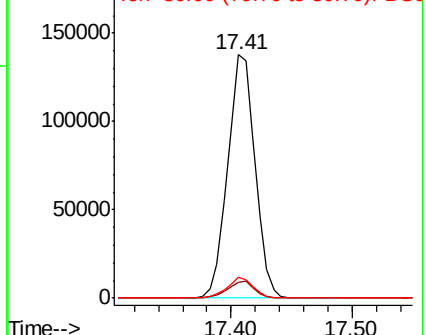
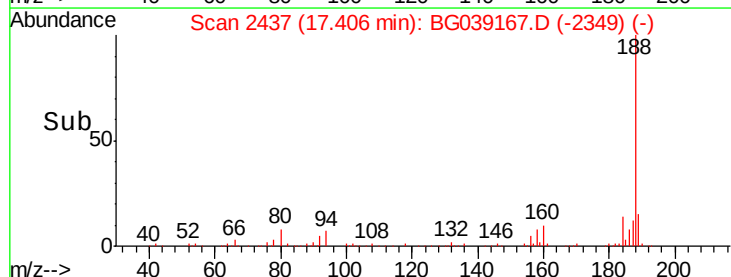
80 8.4 4.7 7.1#

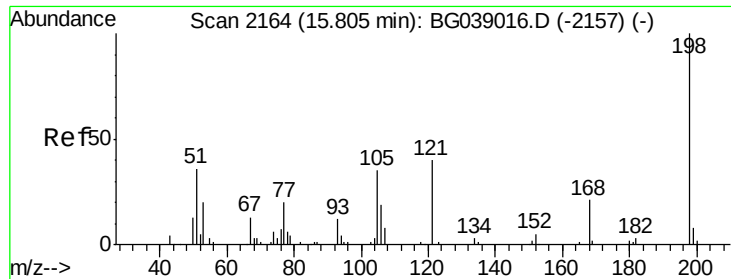


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

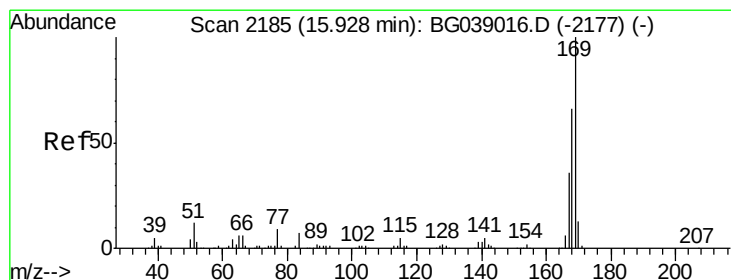
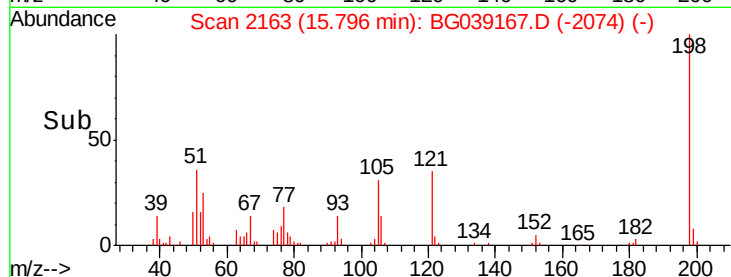
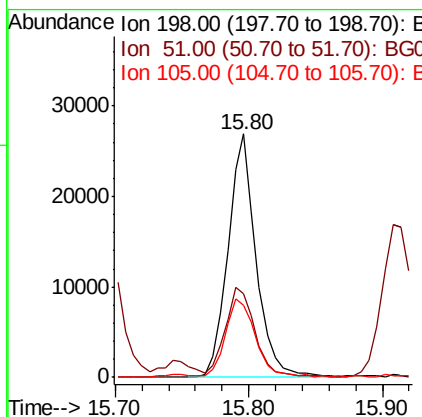
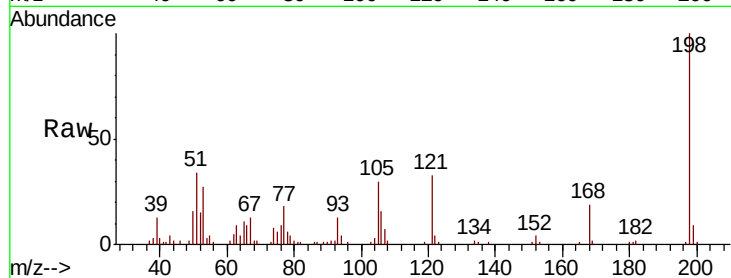




#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.638 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

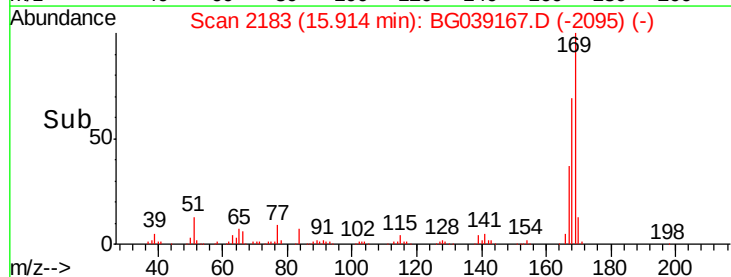
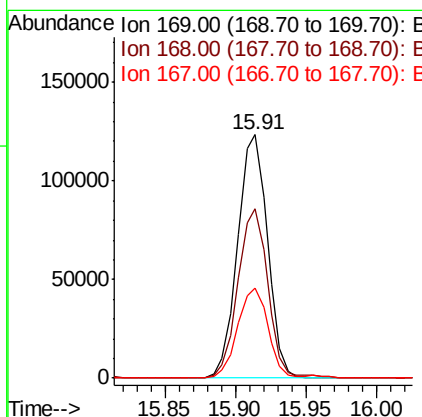
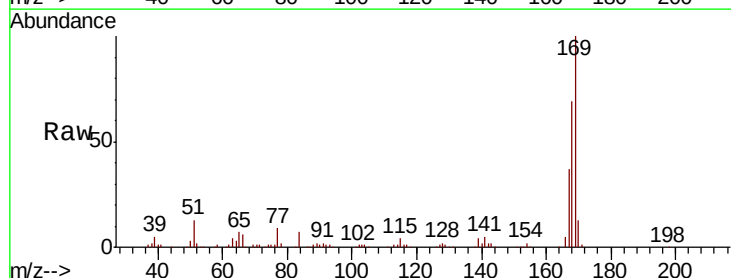
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMSD

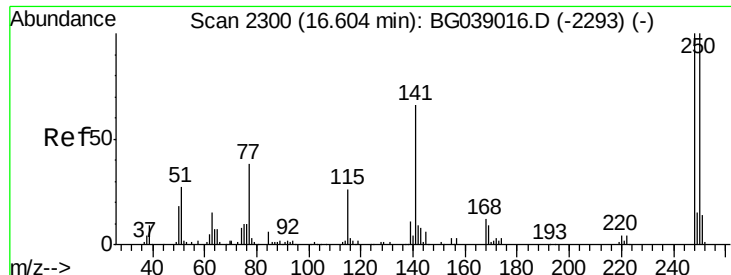
Tgt Ion:198 Resp: 39569
 Ion Ratio Lower Upper
 198 100
 51 34.3 20.8 60.8
 105 29.5 16.1 56.1



#66
 n-Nitrosodiphenylamine
 Concen: 28.414 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Tgt Ion:169 Resp: 182601
 Ion Ratio Lower Upper
 169 100
 168 69.4 53.2 79.8
 167 36.7 29.1 43.7

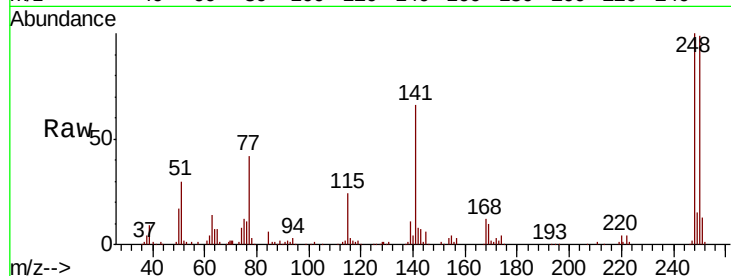




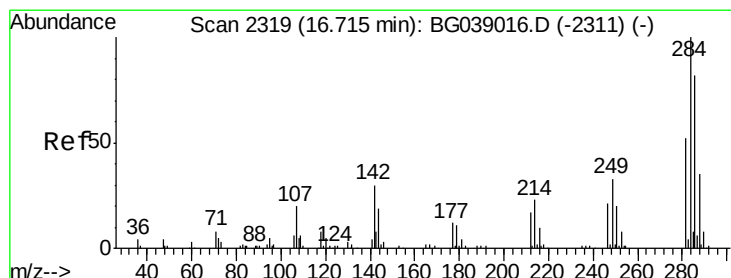
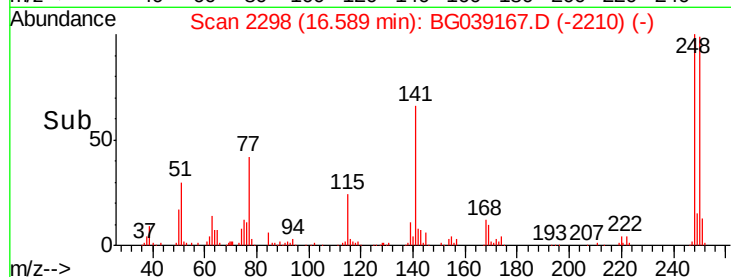
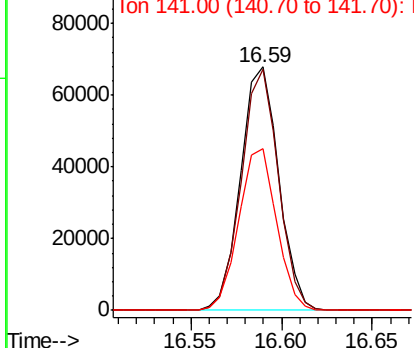
#67
 4-Bromophenyl-phenylether
 Concen: 35.672 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion:248 Resp: 99404
 Ion Ratio Lower Upper
 248 100
 250 98.8 79.9 119.9
 141 66.3 52.7 79.1

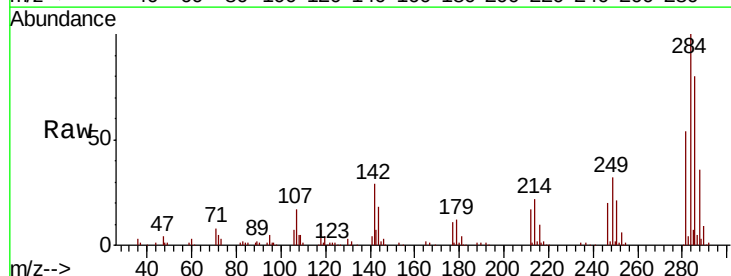


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

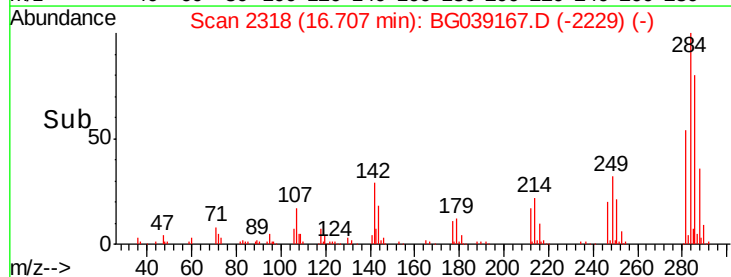
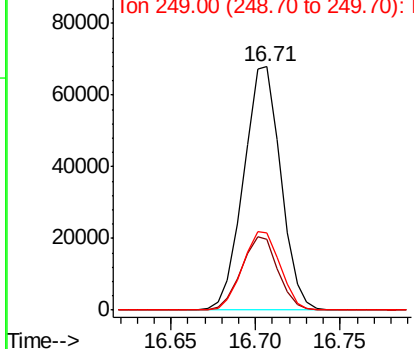


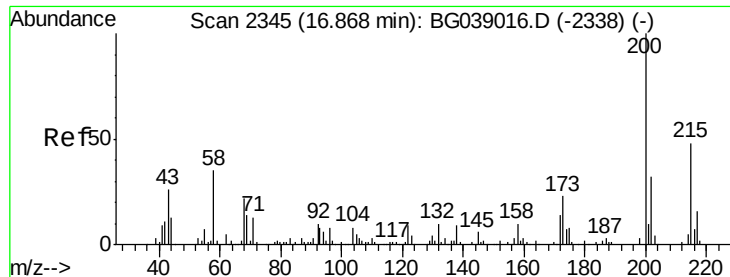
#68
 Hexachlorobenzene
 Concen: 34.222 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039167.D
 Acq: 16 Jan 2019 21:33

Tgt Ion:284 Resp: 104061
 Ion Ratio Lower Upper
 284 100
 142 29.0 24.3 36.5
 249 34.0 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: 35.581 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

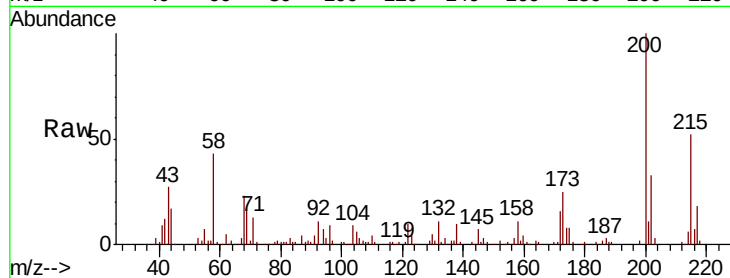
Tgt Ion:200 Resp: 97138

Ion Ratio Lower Upper

200 100

173 25.0 2.6 42.6

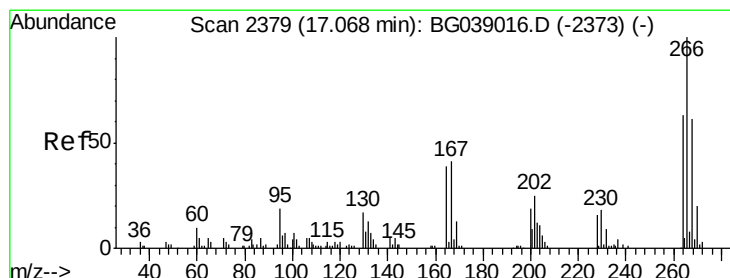
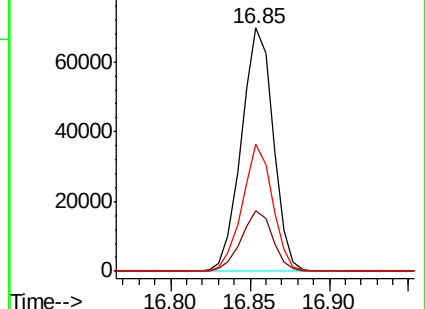
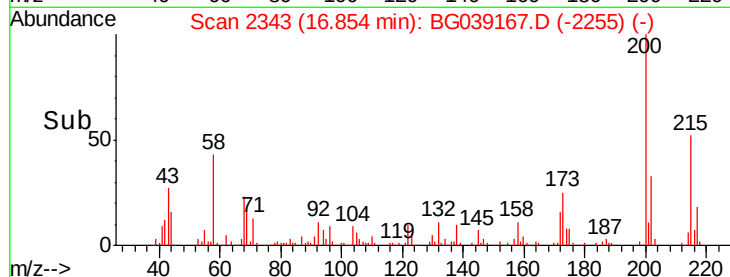
215 52.1 28.0 68.0



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: 56.242 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

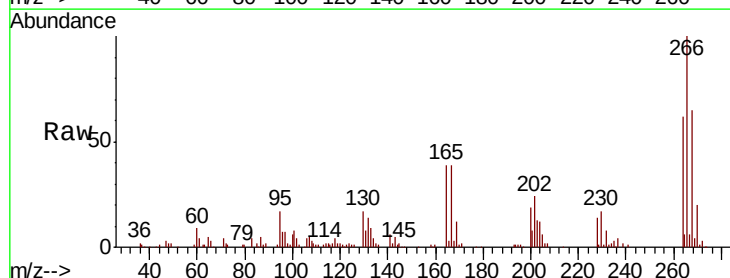
Tgt Ion:266 Resp: 102175

Ion Ratio Lower Upper

266 100

268 69.5 52.0 78.0

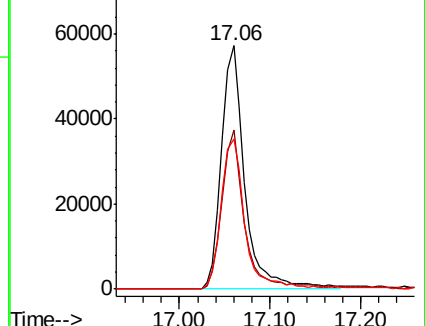
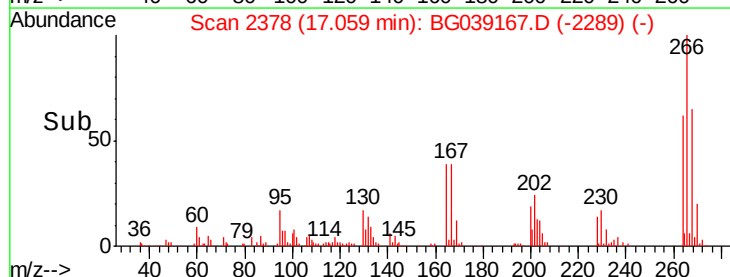
264 67.4 54.6 81.8

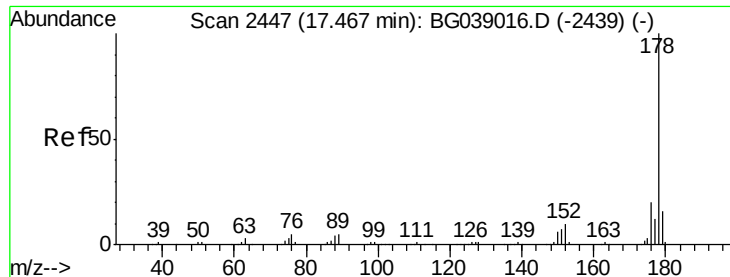


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

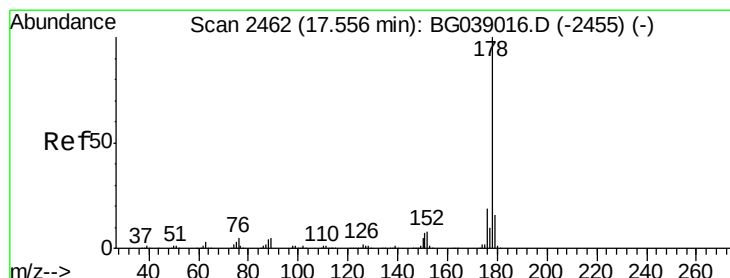
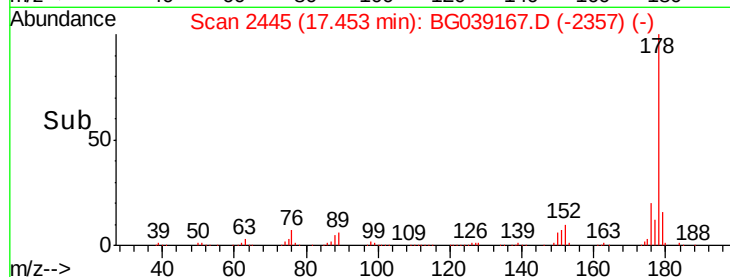
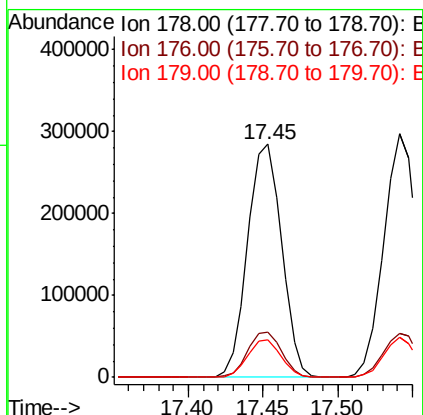
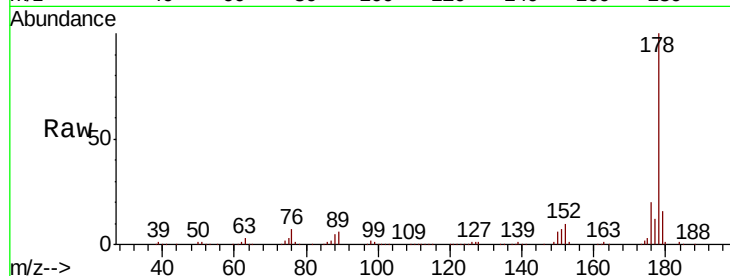




#71
Phenanthrene
Concen: 39.244 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

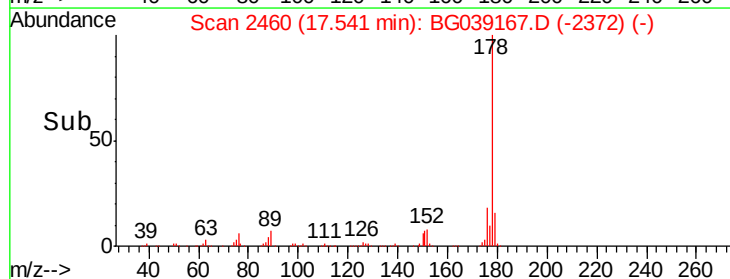
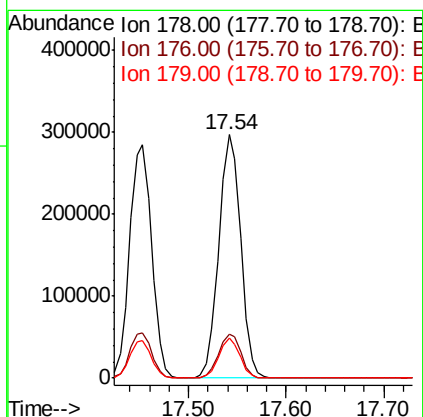
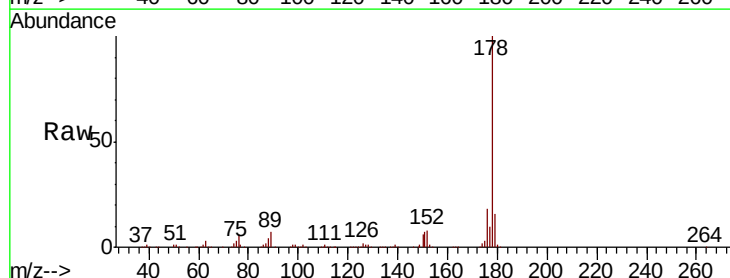
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

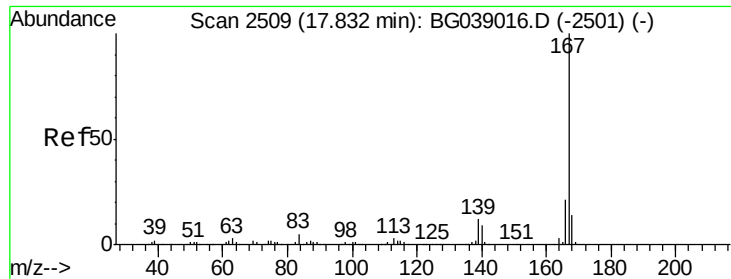
Tgt Ion:178 Resp: 449670
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.2 12.9 19.3



#72
Anthracene
Concen: 40.861 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Tgt Ion:178 Resp: 462931
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 16.2 13.0 19.4





#73

Carbazole

Concen: 35.832 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

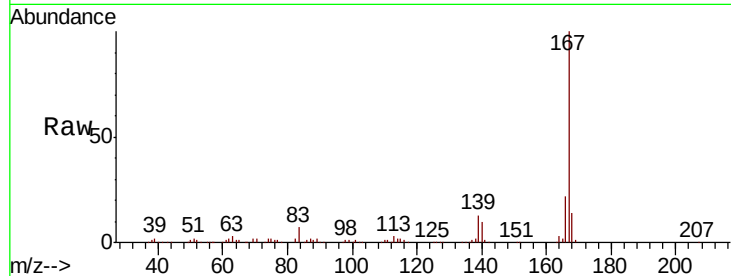
Tgt Ion:167 Resp: 400751

Ion Ratio Lower Upper

167 100

166 22.3 16.9 25.3

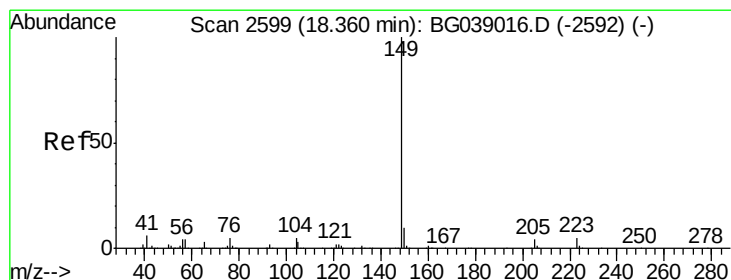
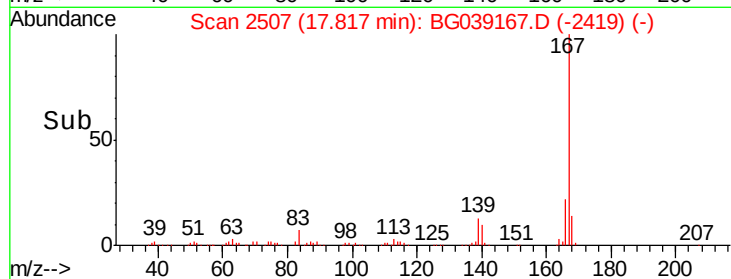
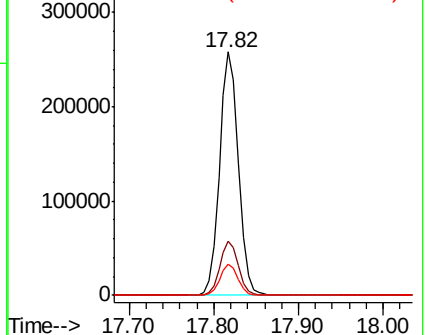
139 12.8 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.959 ng

RT: 18.35 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

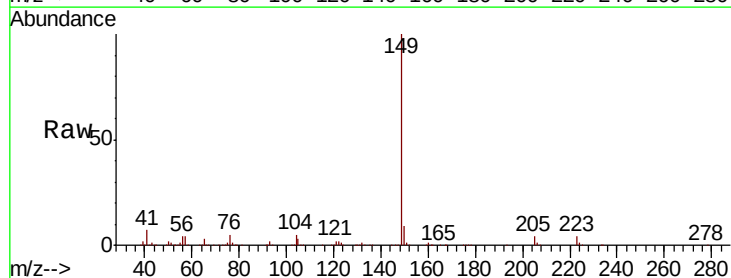
Tgt Ion:149 Resp: 459839

Ion Ratio Lower Upper

149 100

150 9.4 7.9 11.9

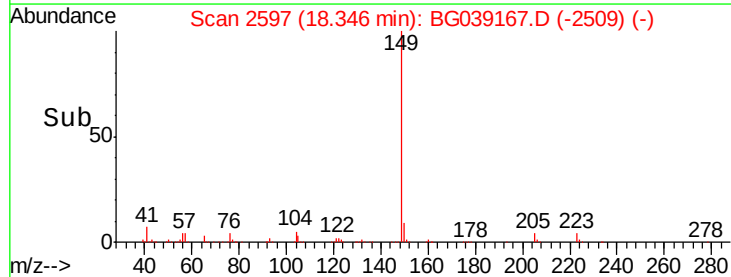
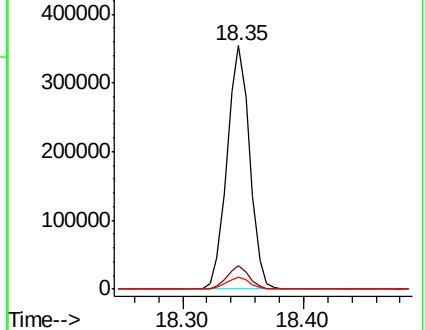
104 5.1 4.2 6.2

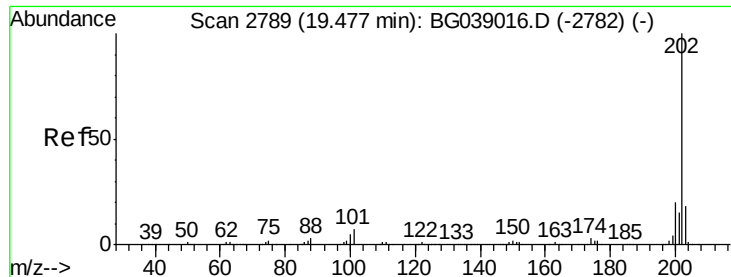


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.079 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

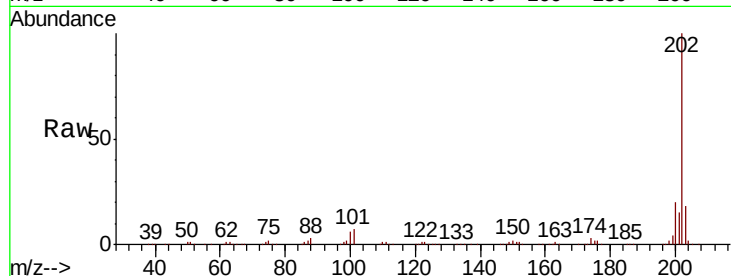
Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

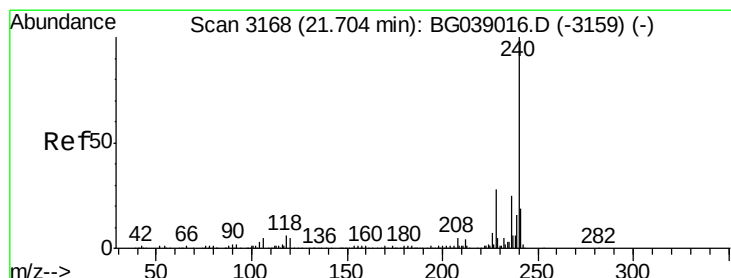
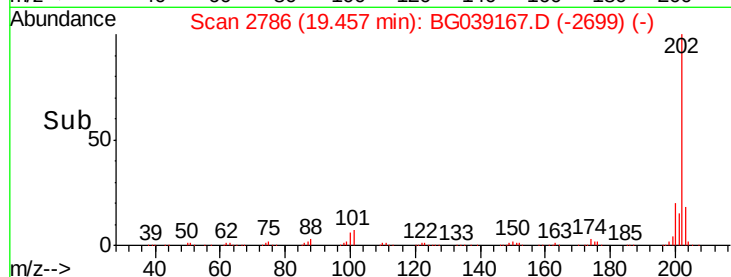
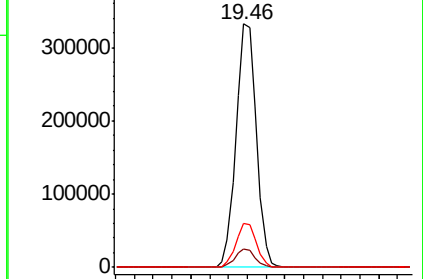
Tgt Ion:	202	Resp:	498284
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	26.9
203	17.9	0.0	38.1



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

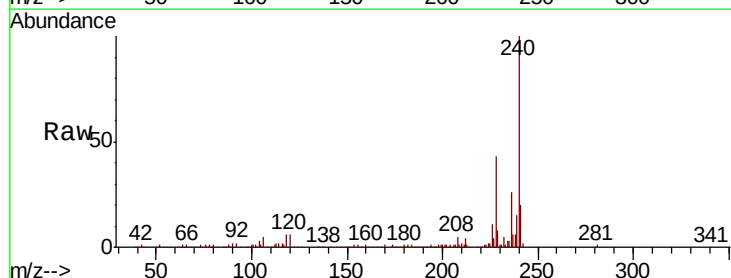
RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

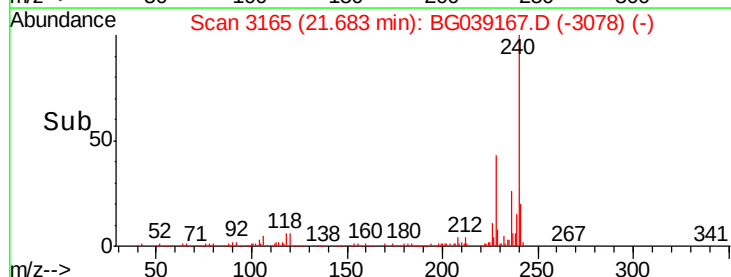
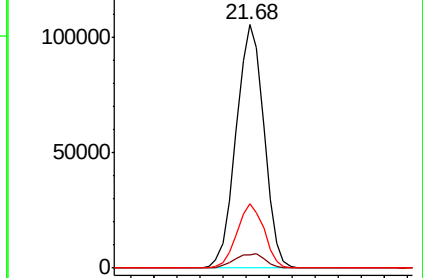
Tgt Ion:	240	Resp:	177065
Ion Ratio	Lower	Upper	
240	100		
120	5.7	4.3	6.5
236	26.3	20.1	30.1

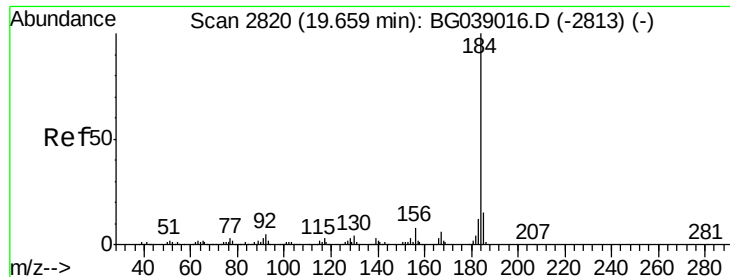


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.508 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

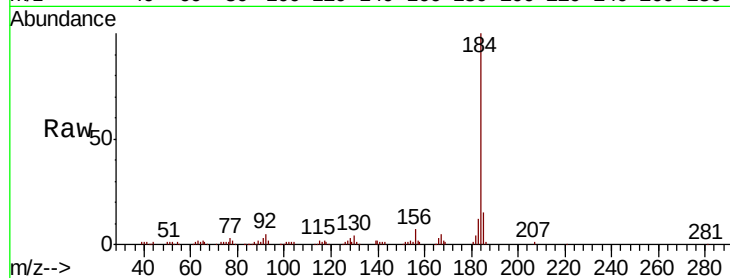
Tgt Ion:184 Resp: 89401

Ion Ratio Lower Upper

184 100

185 15.0 12.1 18.1

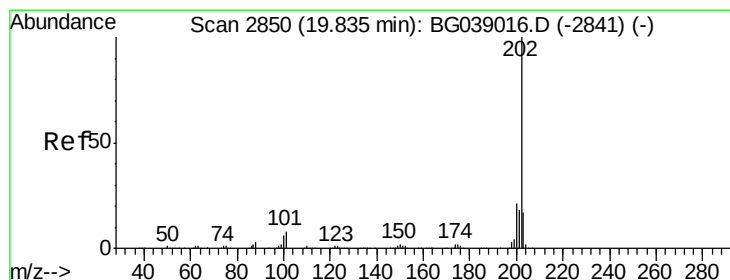
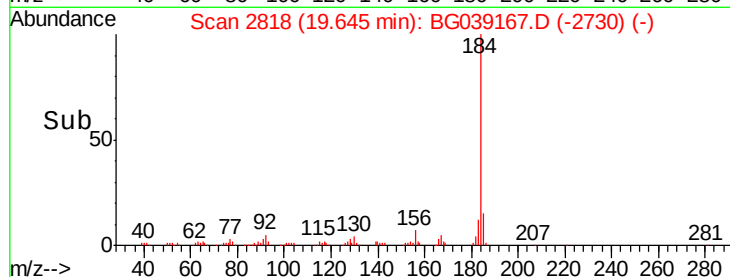
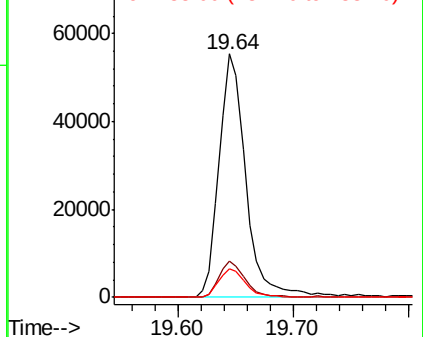
183 11.9 9.5 14.3



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: 41.139 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

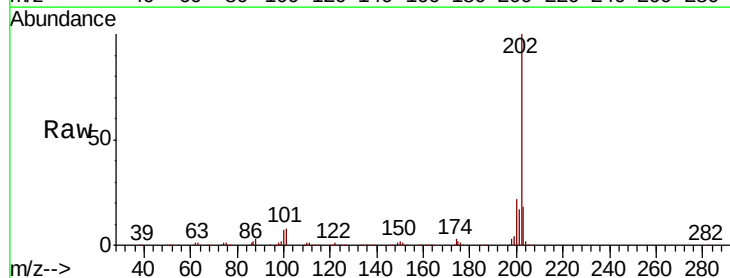
Tgt Ion:202 Resp: 464220

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

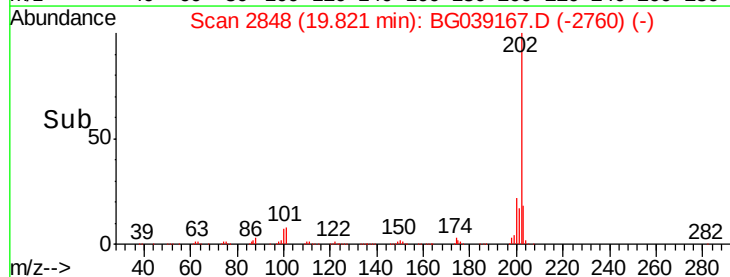
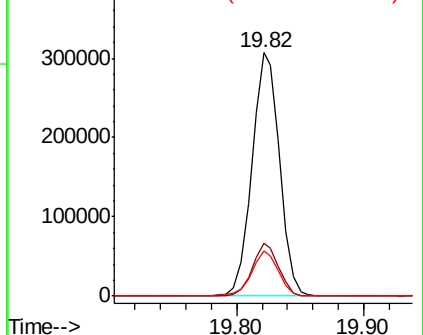
203 18.5 14.0 21.0

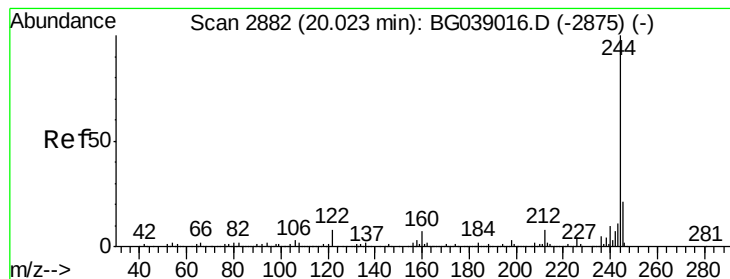


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.283 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

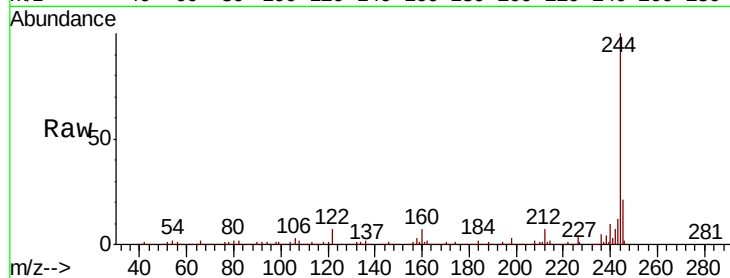
Tgt Ion:244 Resp: 682298

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

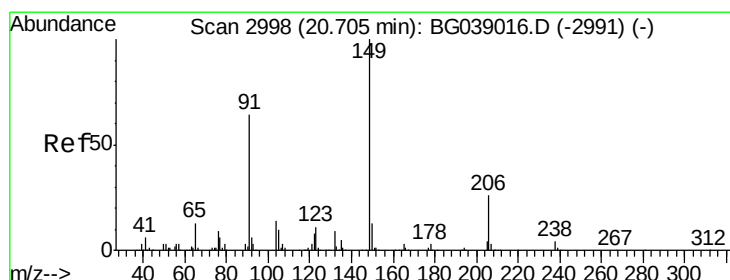
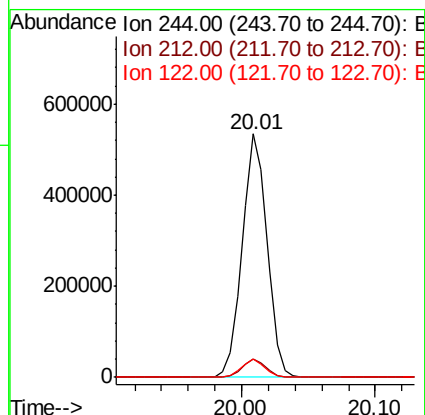
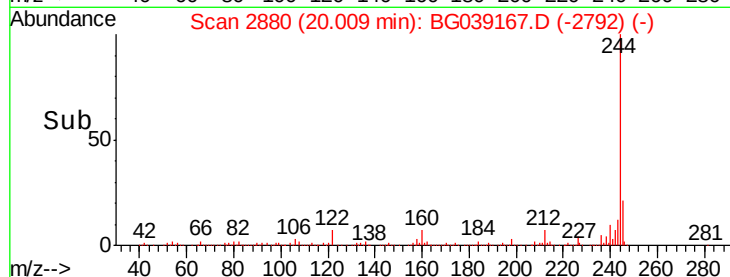
122 7.3 6.1 9.1



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: 38.418 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

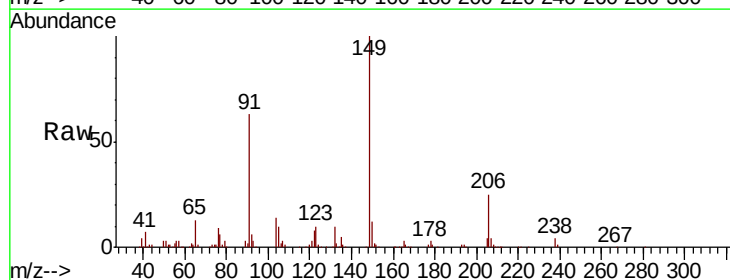
Tgt Ion:149 Resp: 164880

Ion Ratio Lower Upper

149 100

91 62.8 51.4 77.0

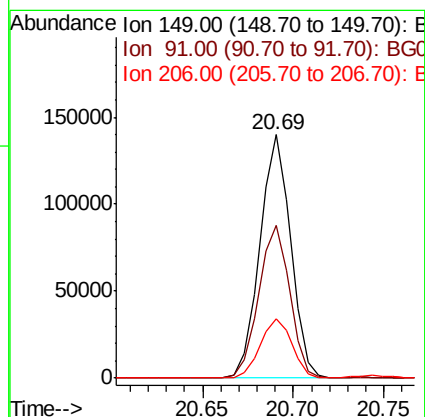
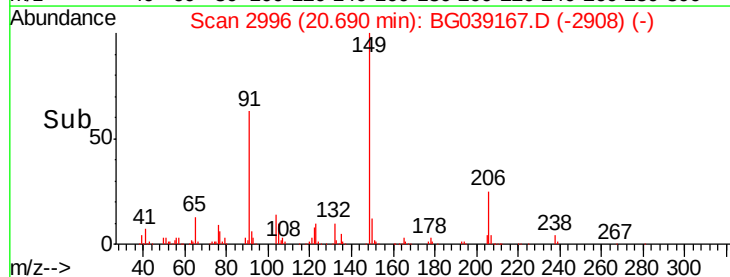
206 24.6 20.4 30.6

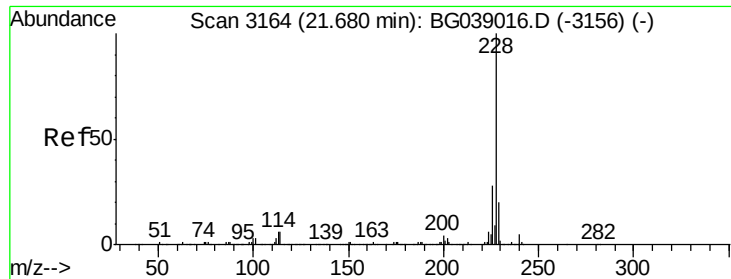


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.207 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

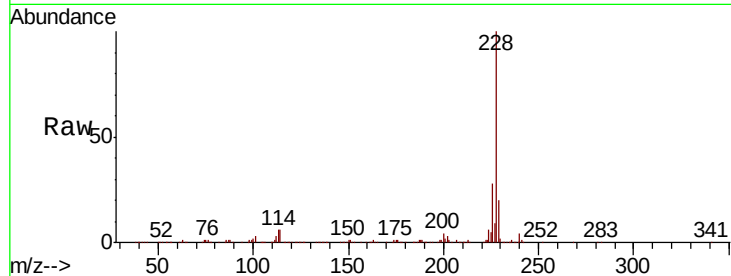
Tgt Ion:228 Resp: 433381

Ion Ratio Lower Upper

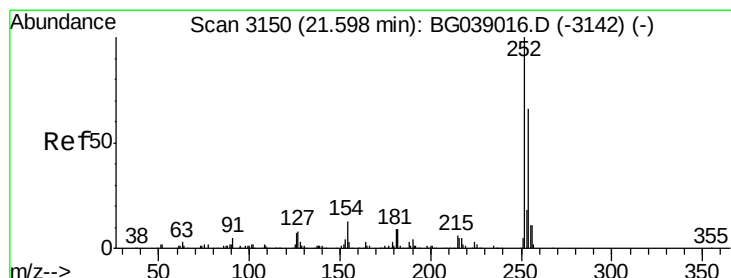
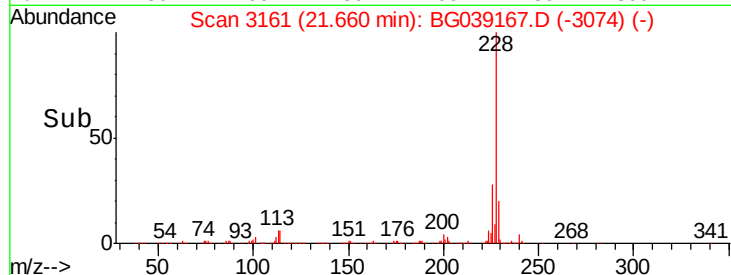
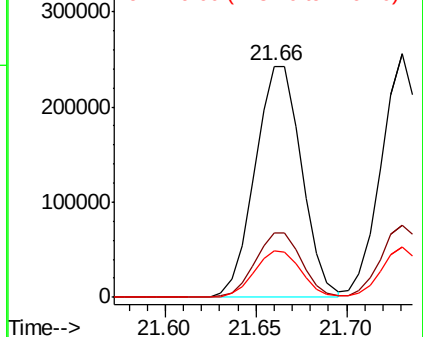
228 100

226 28.1 22.4 33.6

229 20.2 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: 15.341 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

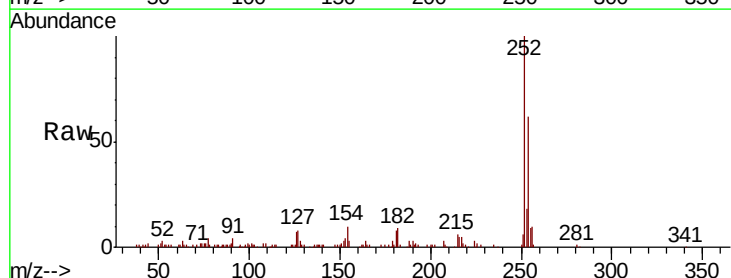
Tgt Ion:252 Resp: 67376

Ion Ratio Lower Upper

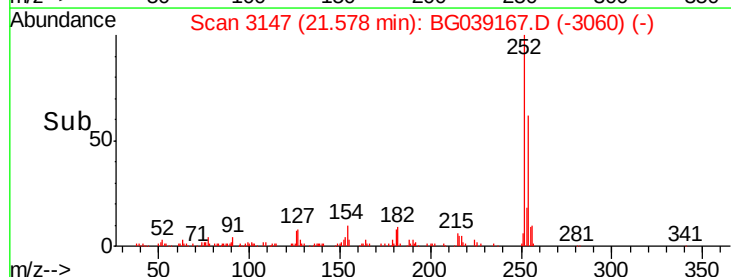
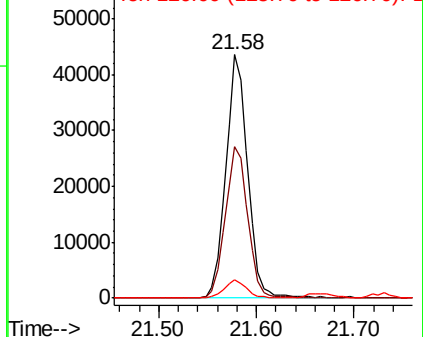
252 100

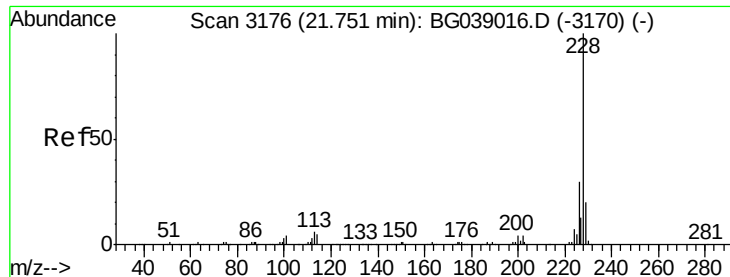
254 62.0 53.0 79.6

126 7.4 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.194 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.02 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

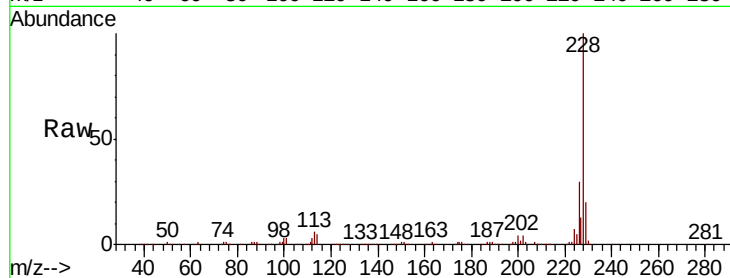
Tgt Ion:228 Resp: 401807

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

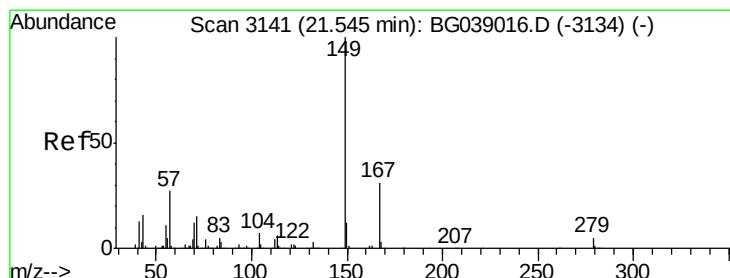
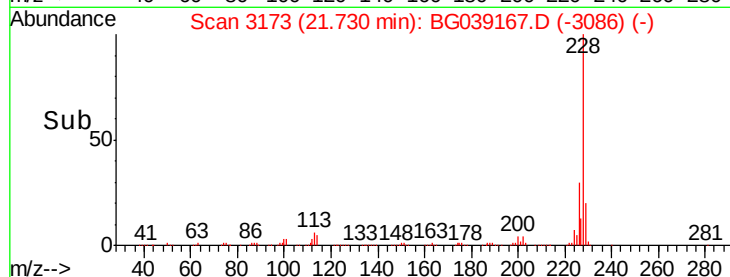
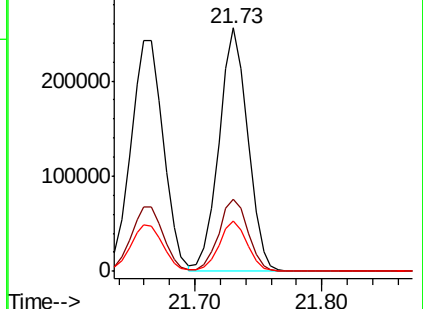
229 20.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.476 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

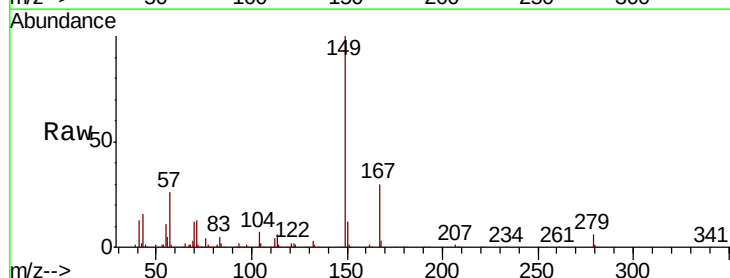
Tgt Ion:149 Resp: 241205

Ion Ratio Lower Upper

149 100

167 29.5 25.0 37.4

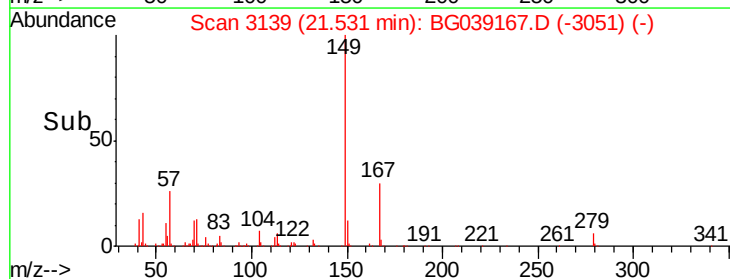
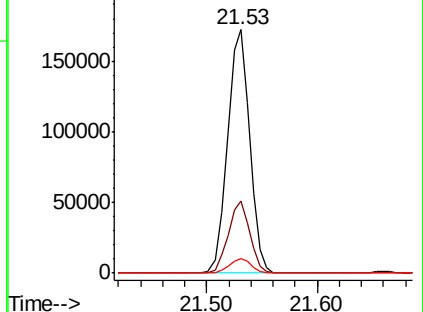
279 6.0 4.3 6.5

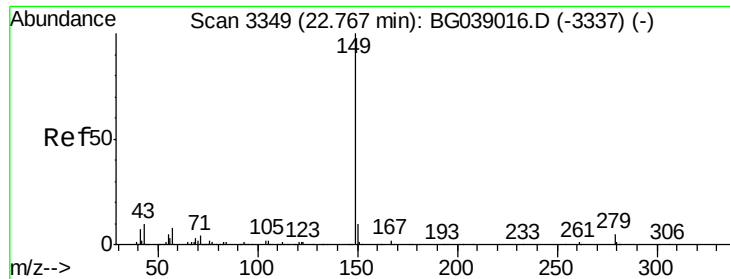


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.581 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.03 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

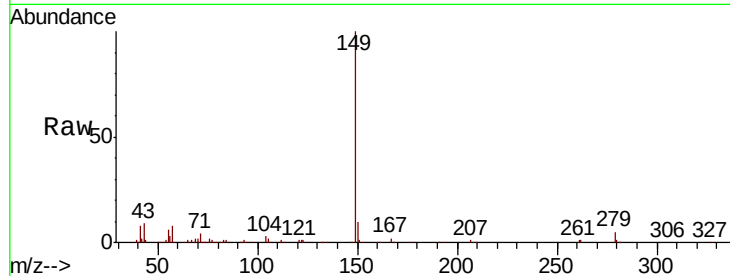
Tgt Ion:149 Resp: 378681

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

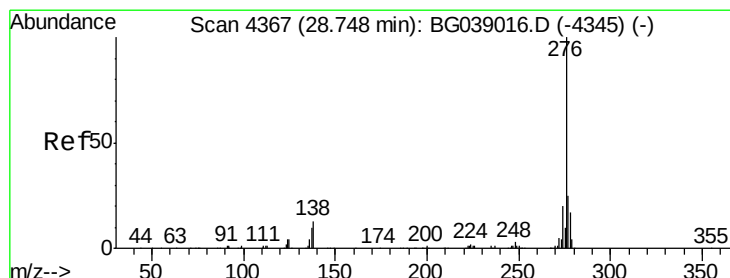
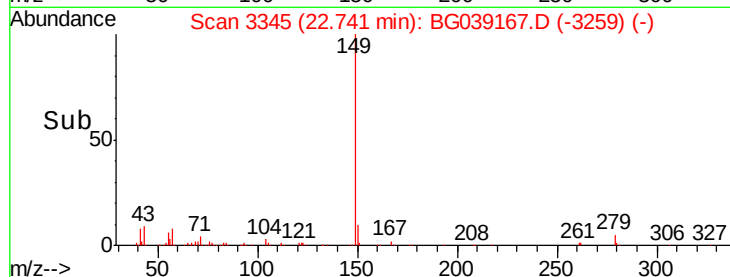
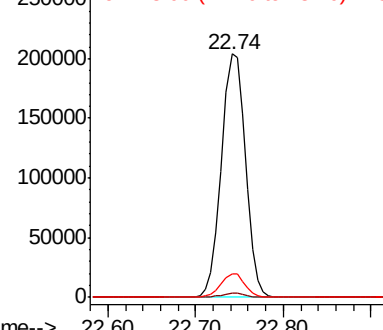
43 9.3 7.5 11.3



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: 39.383 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.06 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

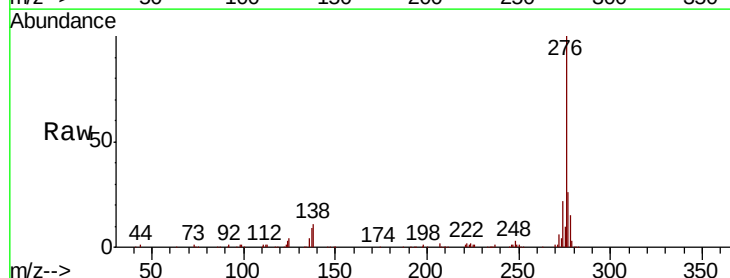
Tgt Ion:276 Resp: 482430

Ion Ratio Lower Upper

276 100

138 0.0 8.0 12.0#

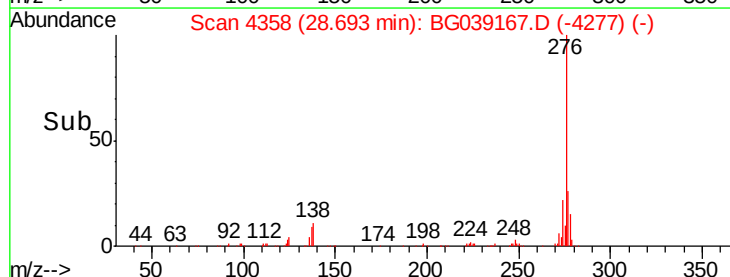
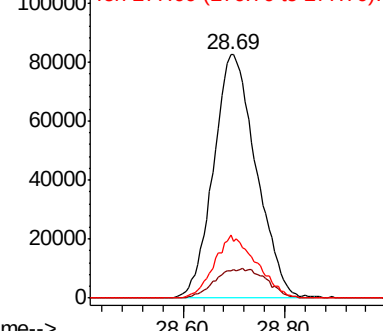
277 25.4 20.3 30.5

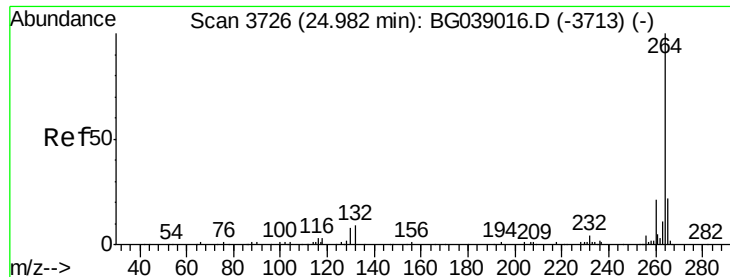


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



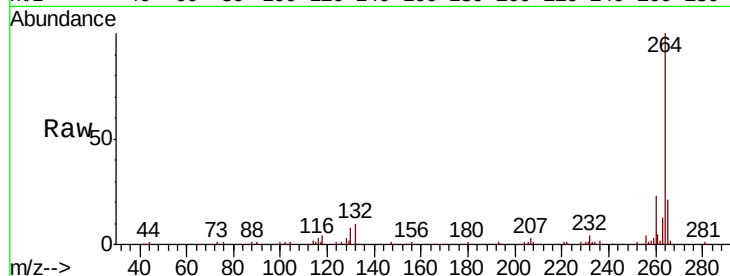


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3721
Delta R.T. -0.03 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

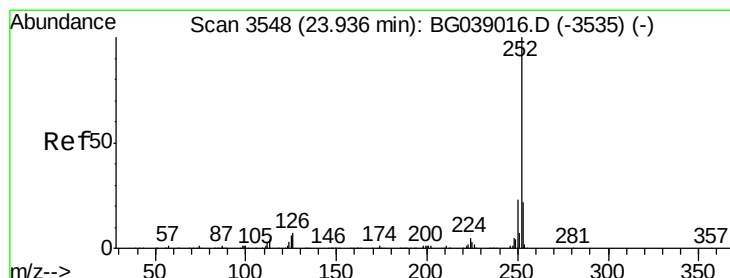
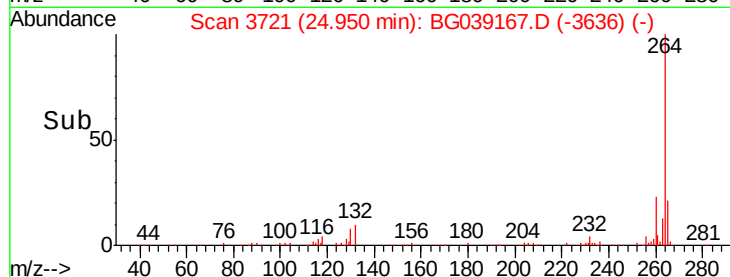
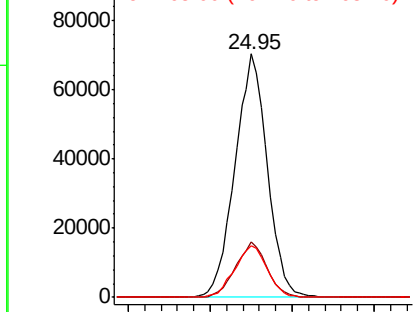
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

Tgt Ion: 264 Resp: 192915

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.0	25.6
265	21.2	17.2	25.8



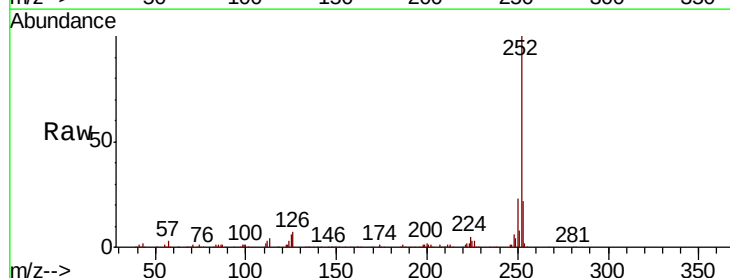
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



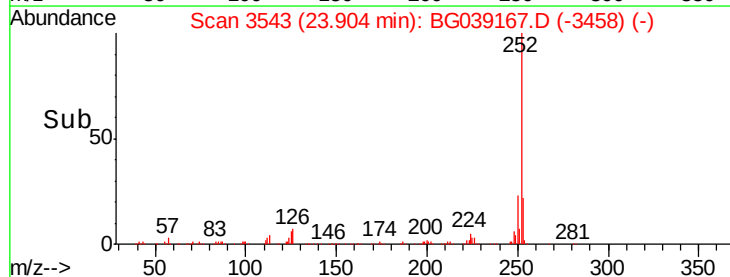
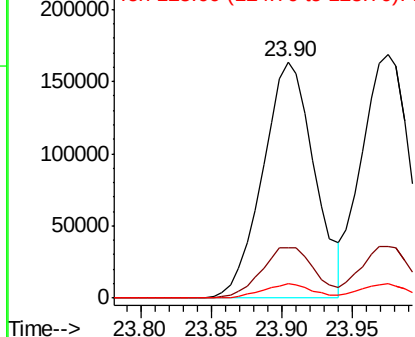
#88
Benzo(b)fluoranthene
Concen: 39.320 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.03 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

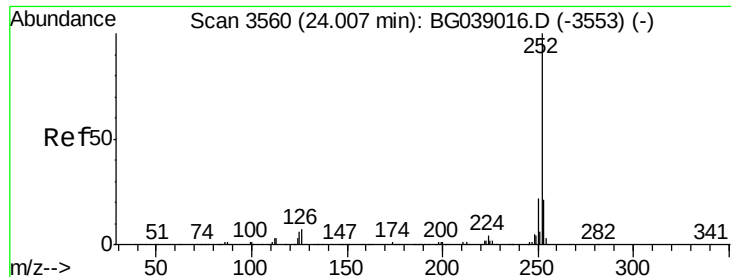
Tgt Ion: 252 Resp: 418260

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	6.3	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

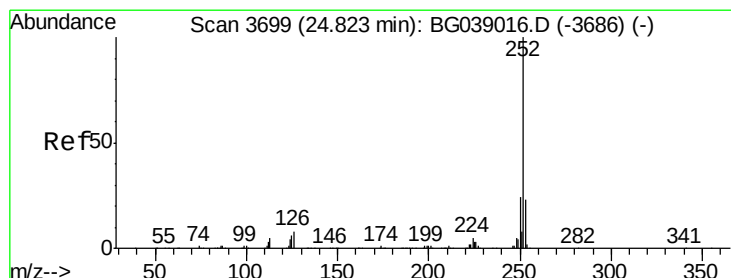
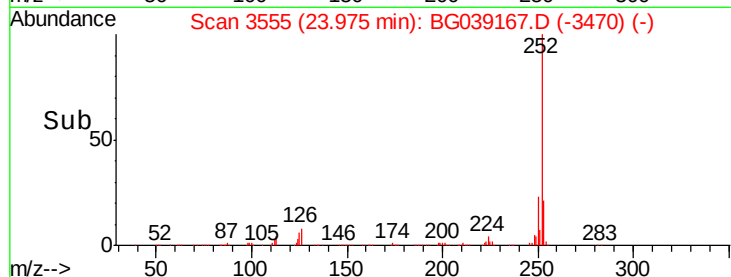
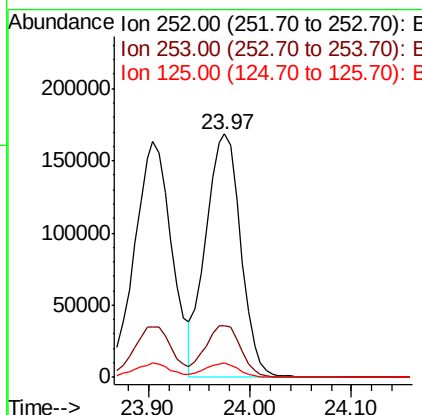
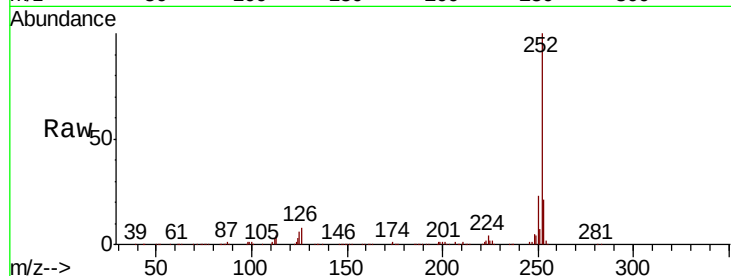




#89
Benzo(k)fluoranthene
Concen: 38.207 ng
RT: 23.97 min Scan# 3555
Delta R.T. -0.03 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

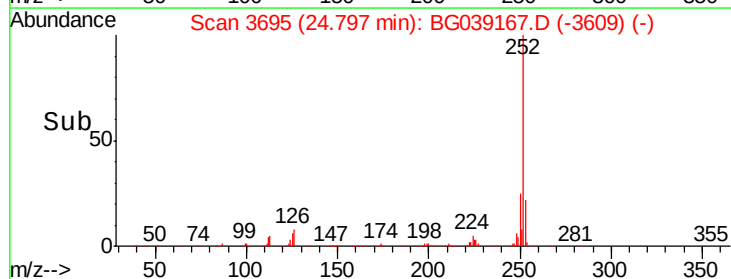
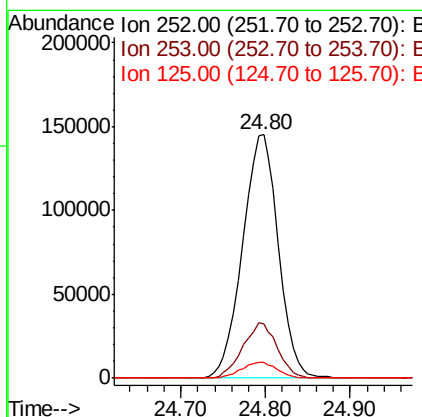
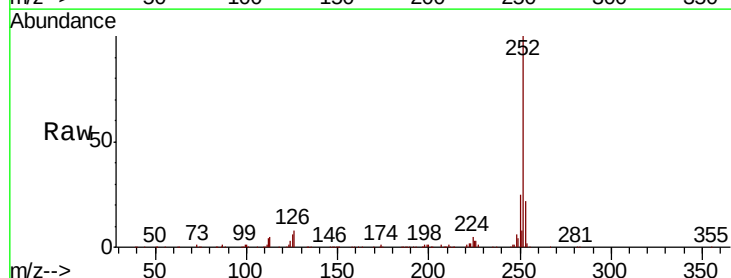
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

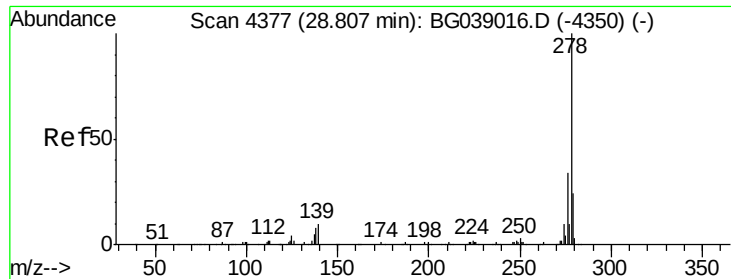
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	6.1	4.6	7.0



#90
Benzo(a)pyrene
Concen: 41.504 ng
RT: 24.80 min Scan# 3695
Delta R.T. -0.03 min
Lab File: BG039167.D
Acq: 16 Jan 2019 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	6.4	4.9	7.3





#91

Dibenzo(a,h)anthracene

Concen: 39.015 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.06 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMSD

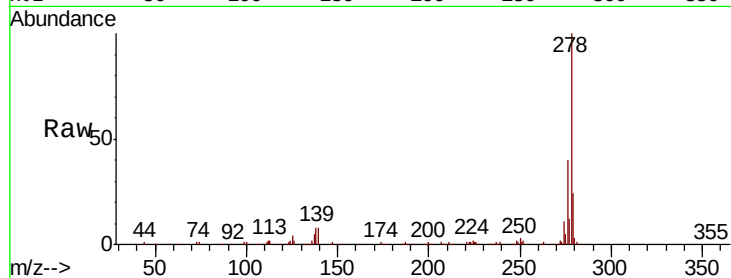
Tgt Ion:278 Resp: 399011

Ion Ratio Lower Upper

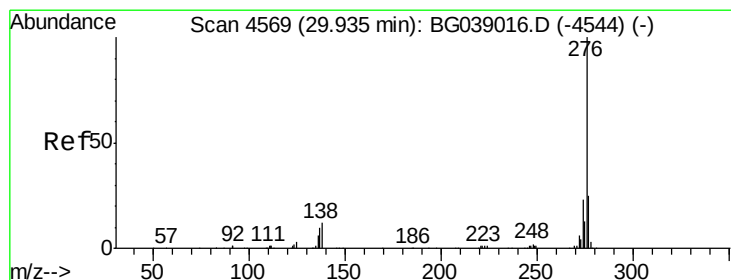
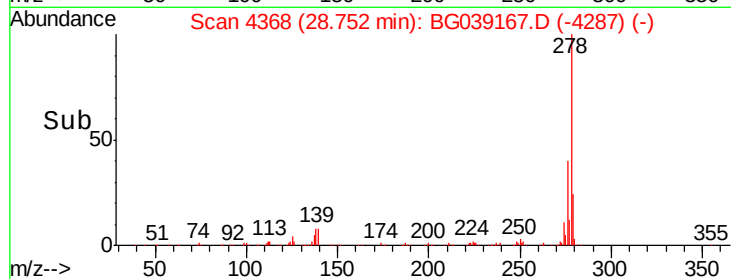
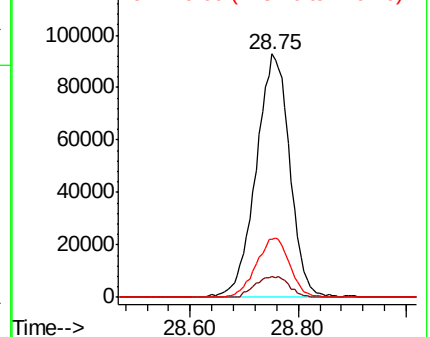
278 100

139 8.4 7.9 11.9

279 23.6 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: 39.581 ng

RT: 29.89 min Scan# 4561

Delta R.T. -0.05 min

Lab File: BG039167.D

Acq: 16 Jan 2019 21:33

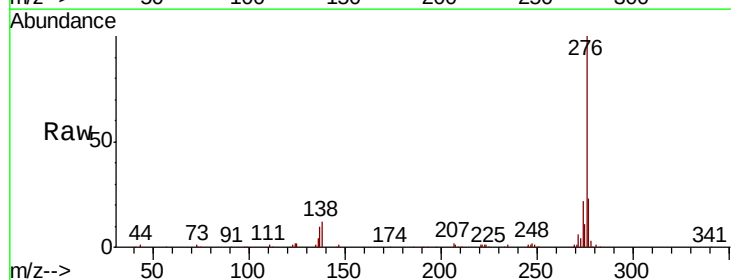
Tgt Ion:276 Resp: 400738

Ion Ratio Lower Upper

276 100

277 23.3 20.3 30.5

138 11.6 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

