

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039928.D
 Acq On : 14 Mar 2019 17:02
 Operator : JU/SJ
 Sample : PB117835BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

Quant Time: Mar 15 08:09:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36713	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	154705	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	101534	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	260067	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	272141	20.00	ng	-0.02
87) Perylene-d12	25.16	264	275802	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	310614	144.34	ng	-0.01
7) Phenol-d6	7.29	99	434188	135.31	ng	-0.02
23) Nitrobenzene-d5	9.33	82	240373	84.03	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	171252	144.71	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	579514	81.27	ng	-0.02
79) Terphenyl-d14	20.11	244	992307	80.28	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.58	88	39411	39.668 ng	96
3) Pyridine	3.98	79	98102	36.883 ng	99
4) n-Nitrosodimethylamine	3.90	42	53230	42.186 ng	# 83
6) Aniline	7.47	93	122327	29.099 ng	98
8) 2-Chlorophenol	7.71	128	109990	42.130 ng	98
9) Benzaldehyde	7.29	77	61587	29.755 ng	96
10) Phenol	7.32	94	146776	42.224 ng	98
11) bis(2-Chloroethyl)ether	7.56	93	108041	39.865 ng	99
12) 1,3-Dichlorobenzene	8.03	146	118433	40.110 ng	99
13) 1,4-Dichlorobenzene	8.19	146	120277	39.991 ng	97
14) 1,2-Dichlorobenzene	8.50	146	114009	39.234 ng	98
15) Benzyl Alcohol	8.39	79	104758	41.157 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	217244	40.079 ng	98
17) 2-Methylphenol	8.58	107	94154	42.479 ng	97
18) Hexachloroethane	9.23	117	43517	40.325 ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	86430	37.423 ng	96
20) 3+4-Methylphenols	8.91	107	131087	42.572 ng	96
22) Acetophenone	8.98	105	165084	39.758 ng	# 94
24) Nitrobenzene	9.37	77	129194	43.053 ng	98
25) Isophorone	9.88	82	241388	40.274 ng	99
26) 2-Nitrophenol	10.08	139	63943	44.133 ng	95
27) 2,4-Dimethylphenol	10.12	122	111011	49.265 ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	148992	40.906 ng	98
29) 2,4-Dichlorophenol	10.61	162	116575	45.949 ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	120471	42.199 ng	98
31) Naphthalene	11.02	128	339631	41.464 ng	99
32) Benzoic acid	10.25	122	56212	37.936 ng	91
33) 4-Chloroaniline	11.13	127	79597	22.917 ng	97
34) Hexachlorobutadiene	11.28	225	82454	42.266 ng	97
35) Caprolactam	11.91	113	40911	42.214 ng	# 88
36) 4-Chloro-3-methylphenol	12.23	107	127626	43.884 ng	99
37) 2-Methylnaphthalene	12.61	142	257533	42.054 ng	97
38) 1-Methylnaphthalene	12.83	142	245542	41.259 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	144919	42.131 ng	99

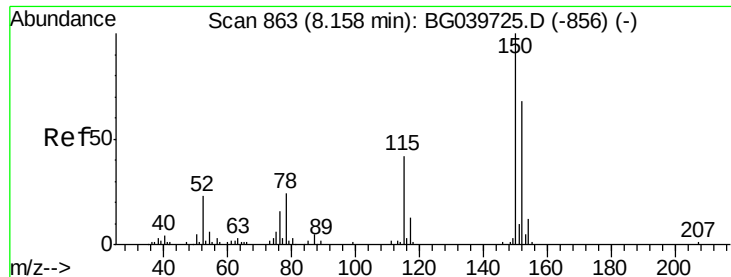
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039928.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	192909	104.651	nq	98
43) 2,4,6-Trichlorophenol	13.21	196	96602	47.970	nq	98
44) 2,4,5-Trichlorophenol	13.28	196	102219	45.032	nq	98
46) 1,1'-Biphenyl	13.61	154	353227	42.297	nq	99
47) 2-Chloronaphthalene	13.66	162	270929	43.125	nq	98
48) 2-Nitroaniline	13.87	65	92225	45.679	nq	93
49) Acenaphthylene	14.50	152	431635	41.853	nq	99
50) Dimethylphthalate	14.22	163	365406	43.039	nq	100
51) 2,6-Dinitrotoluene	14.35	165	80207	44.562	nq	99
52) Acenaphthene	14.84	154	267217	43.049	nq	99
53) 3-Nitroaniline	14.69	138	51525	28.478	nq	# 96
54) 2,4-Dinitrophenol	14.89	184	87904	77.612	nq	98
55) Dibenzofuran	15.17	168	430044	42.226	nq	98
56) 4-Nitrophenol	14.98	139	133918	82.742	nq	91
57) 2,4-Dinitrotoluene	15.14	165	116204	45.948	nq	87
58) Fluorene	15.82	166	338484	42.278	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	105239	47.472	nq	97
60) Diethylphthalate	15.57	149	369439	43.956	nq	99
61) 4-Chlorophenyl-phenylether	15.81	204	182171	42.640	nq	97
62) 4-Nitroaniline	15.85	138	86730	44.217	nq	94
63) Azobenzene	16.10	77	331350	43.492	nq	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	63795	41.488	nq	100
66) n-Nitrosodiphenylamine	16.02	169	318356	42.284	nq	100
67) 4-Bromophenyl-phenylether	16.70	248	120739	41.476	nq	96
68) Hexachlorobenzene	16.81	284	123864	41.049	nq	98
69) Atrazine	16.96	200	123467	41.668	nq	92
70) Pentachlorophenol	17.16	266	148170	77.751	nq	100
71) Phenanthrene	17.56	178	587261	40.996	nq	100
72) Anthracene	17.65	178	597377	42.794	nq	99
73) Carbazole	17.93	167	536643	42.643	nq	98
74) Di-n-butylphthalate	18.45	149	651103	43.974	nq	99
75) Fluoranthene	19.56	202	725239	42.839	nq	98
77) Benzidine	19.74	184	295260	34.190	nq	100
78) Pyrene	19.92	202	728423	41.191	nq	99
80) Butylbenzylphthalate	20.79	149	304103	44.387	nq	98
81) Benzo(a)anthracene	21.79	228	706537	41.425	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	160249	25.735	nq	99
83) Chrysene	21.86	228	677256	40.959	nq	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	426678	44.318	nq	98
85) Di-n-octyl phthalate	22.90	149	732423	45.946	nq	95
86) Indeno(1,2,3-cd)pyrene	29.04	276	811453	43.258	nq	# 96
88) Benzo(b)fluoranthene	24.09	252	707952	43.045	nq	98
89) Benzo(k)fluoranthene	24.16	252	684019	44.680	nq	99
90) Benzo(a)pyrene	25.01	252	688136	45.279	nq	99
91) Dibenzo(a,h)anthracene	29.10	278	659191	44.244	nq	99
92) Benzo(g,h,i)perylene	30.26	276	677697	45.290	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 861

Delta R.T. -0.03 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

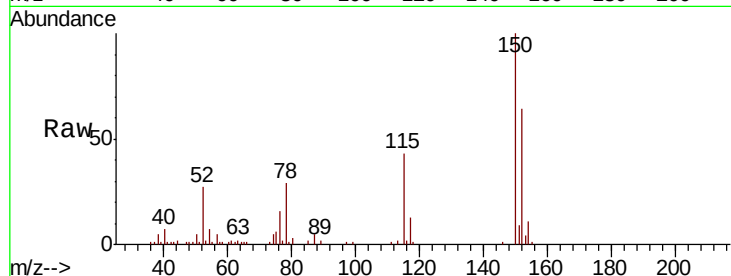
Tot Ion:152 Resp: 36713

Ion Ratio Lower Upper

152 100

150 157.4 123.7 185.5

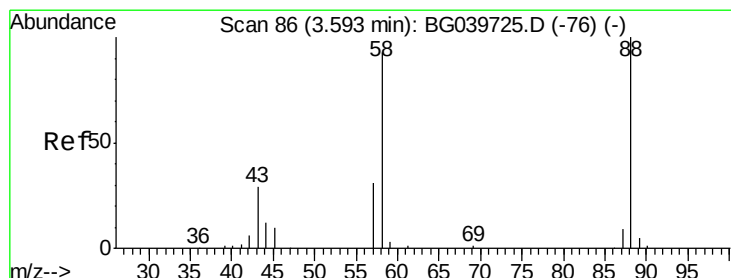
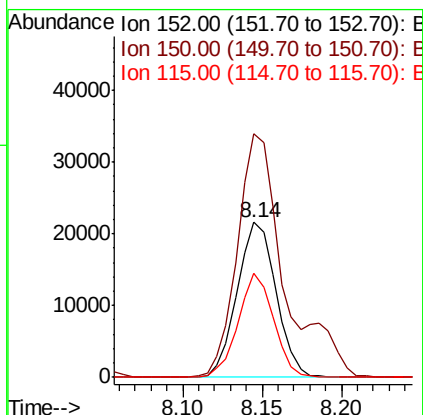
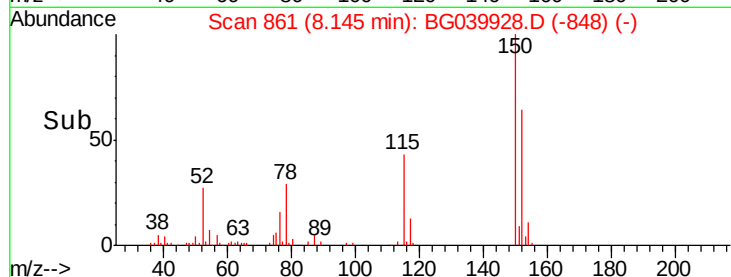
115 66.9 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.668 ng

RT: 3.58 min Scan# 84

Delta R.T. -0.03 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

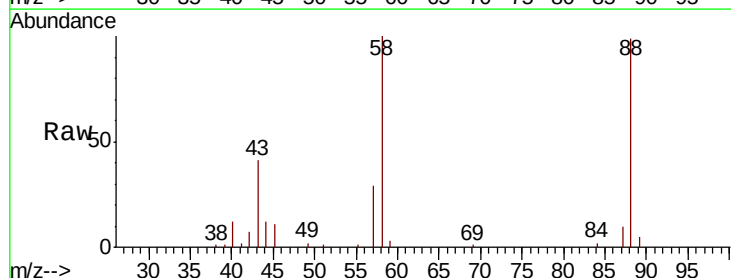
Tgt Ion: 88 Resp: 39411

Ion Ratio Lower Upper

88 100

58 97.6 81.1 121.7

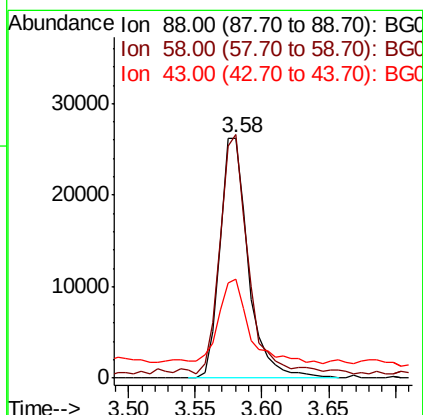
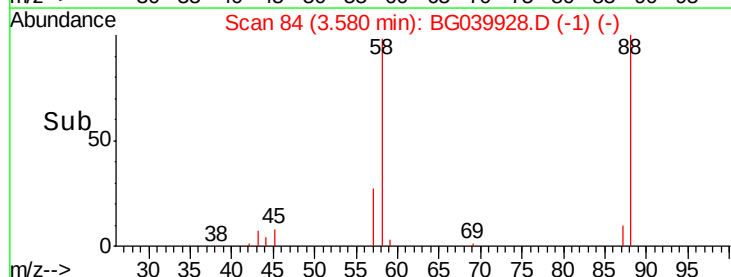
43 37.0 31.4 47.0

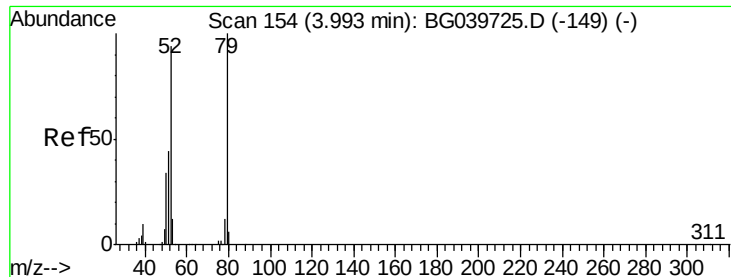


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.883 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.03 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

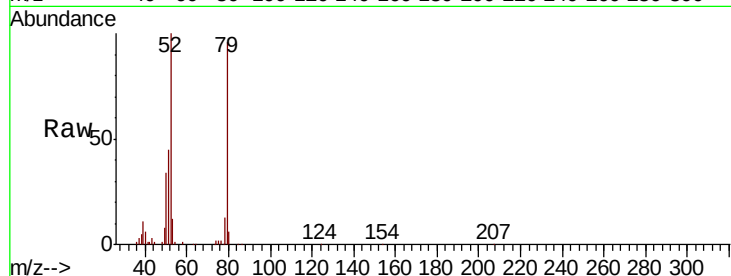
Tot Ion: 79 Resp: 98102

Ion Ratio Lower Upper

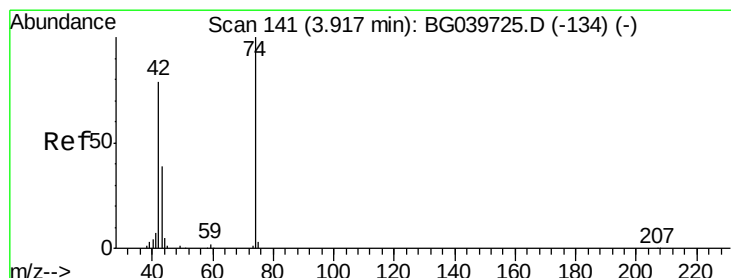
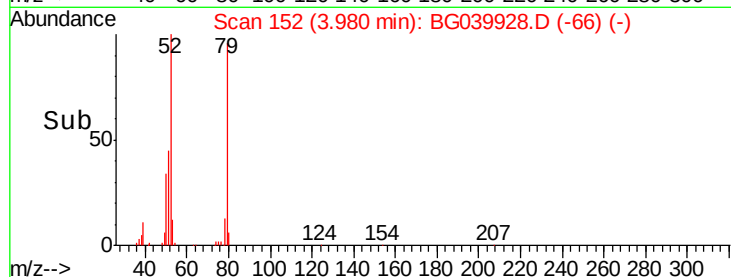
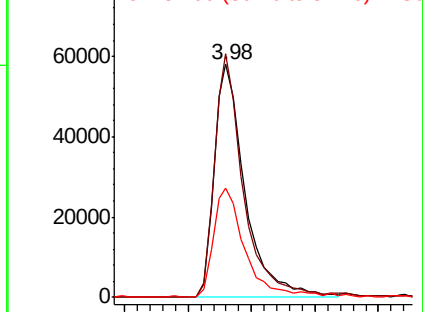
79 100

52 104.6 82.6 124.0

51 47.1 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 42.186 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.03 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

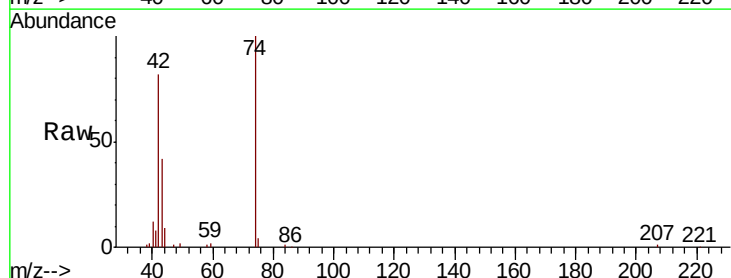
Tgt Ion: 42 Resp: 53230

Ion Ratio Lower Upper

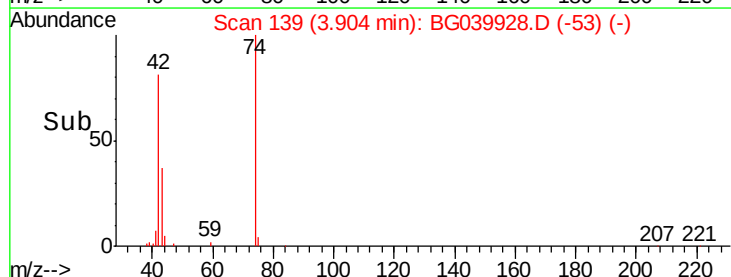
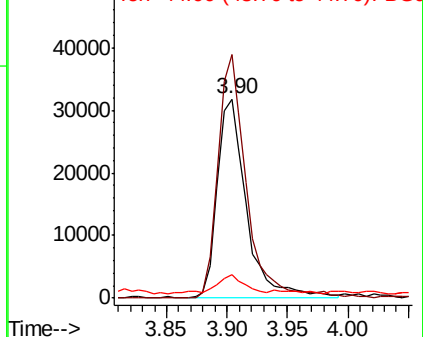
42 100

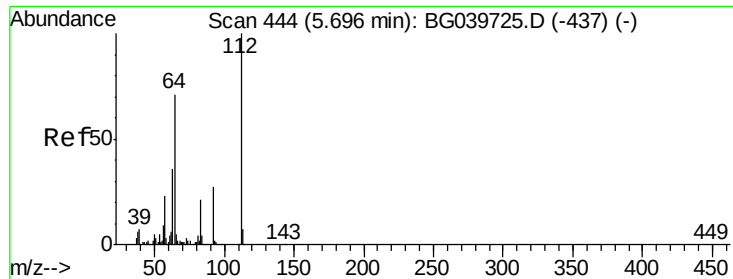
74 122.2 83.6 125.4

44 11.5 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 144.339 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

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PB117835BS

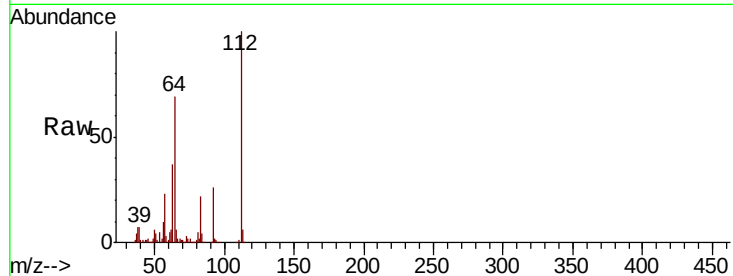
Tot Ion:112 Resp: 310614

Ion Ratio Lower Upper

112 100

64 69.1 57.8 86.8

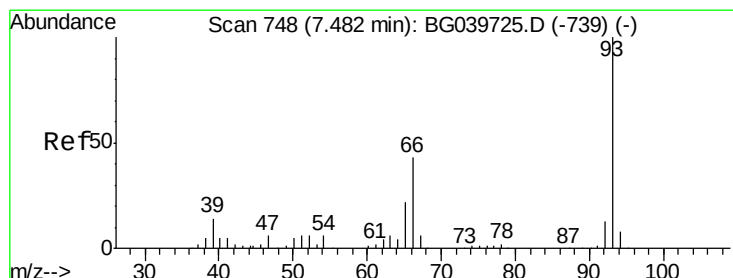
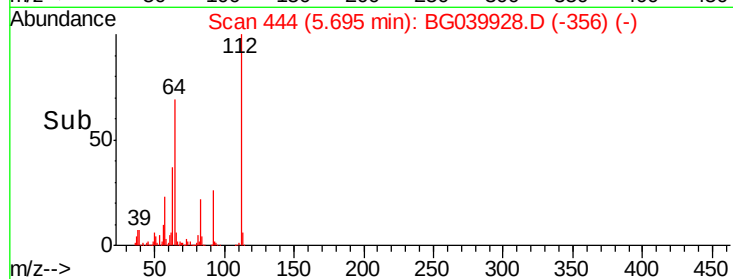
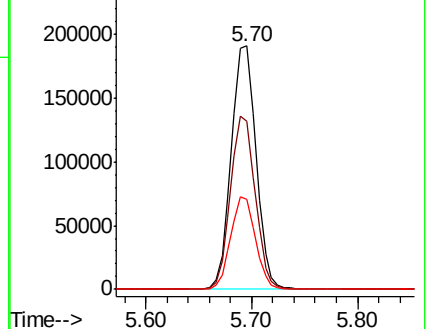
63 36.9 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.099 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

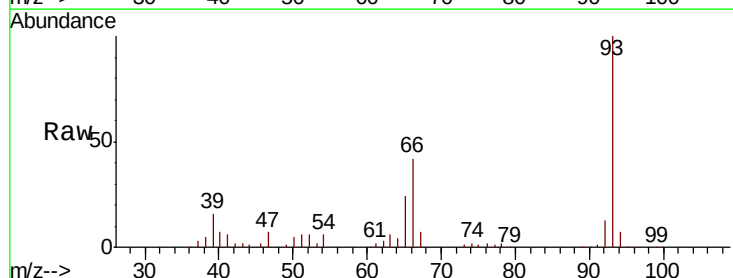
Tgt Ion: 93 Resp: 122327

Ion Ratio Lower Upper

93 100

66 41.8 34.2 51.4

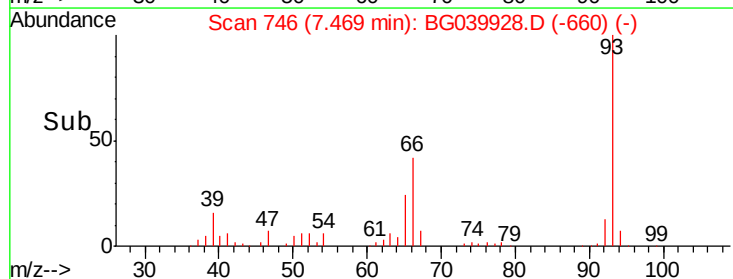
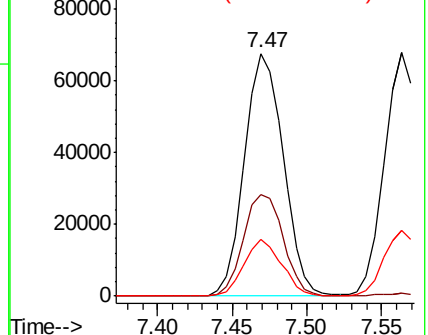
65 23.5 17.7 26.5

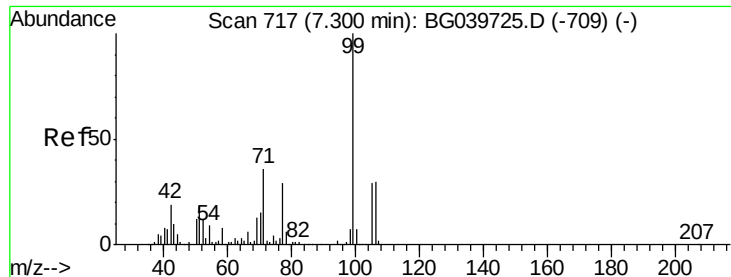


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.315 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

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ClientSampleId :

PB117835BS

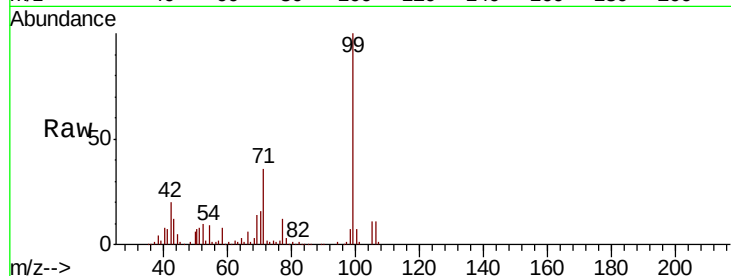
Tot Ion: 99 Resp: 434188

Ion Ratio Lower Upper

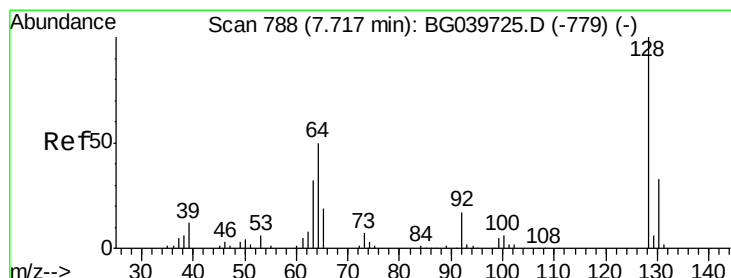
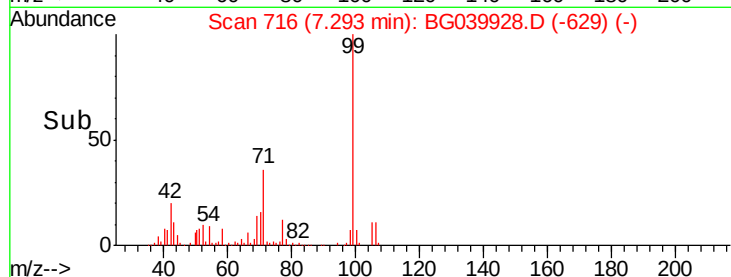
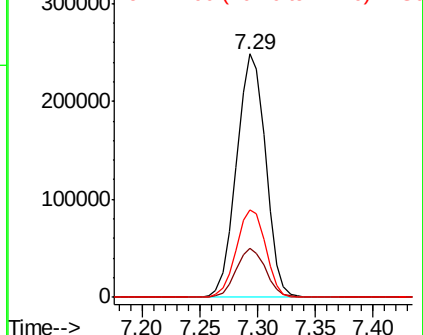
99 100

42 20.2 18.2 27.2

71 35.9 28.0 42.0



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



#8

2-Chlorophenol

Concen: 42.130 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

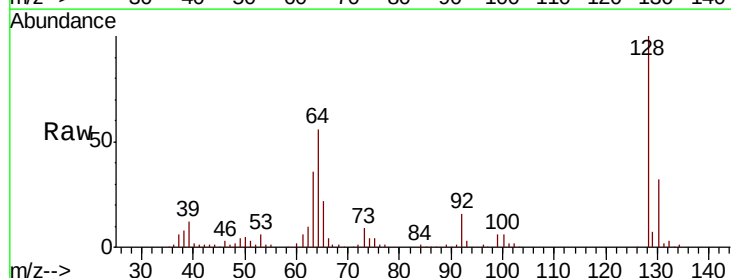
Tgt Ion: 128 Resp: 109990

Ion Ratio Lower Upper

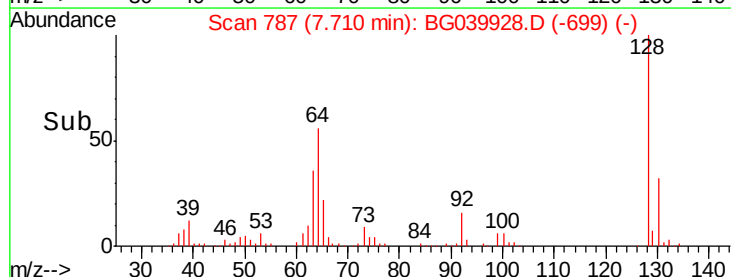
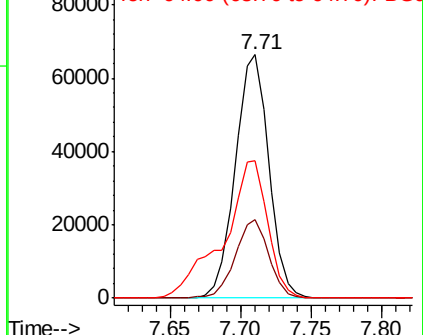
128 100

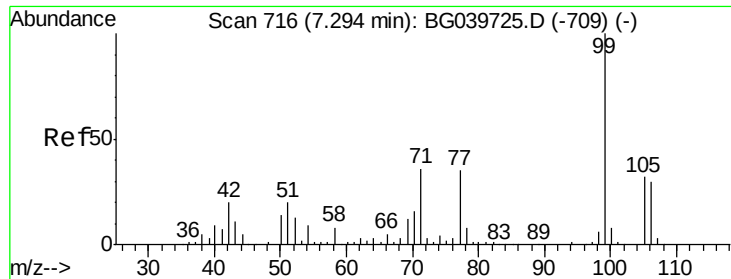
130 32.3 12.9 52.9

64 56.2 38.7 78.7



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





#9

Benzaldehyde

Concen: 29.755 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

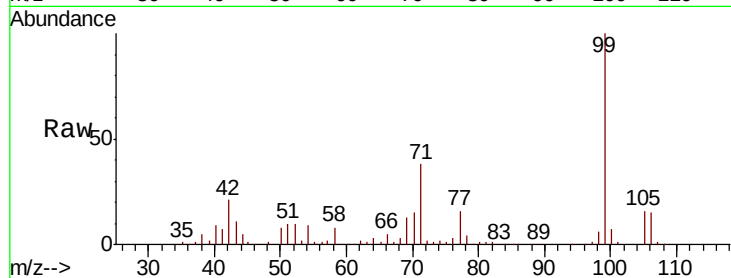
Tot Ion: 77 Resp: 61587

Ion Ratio Lower Upper

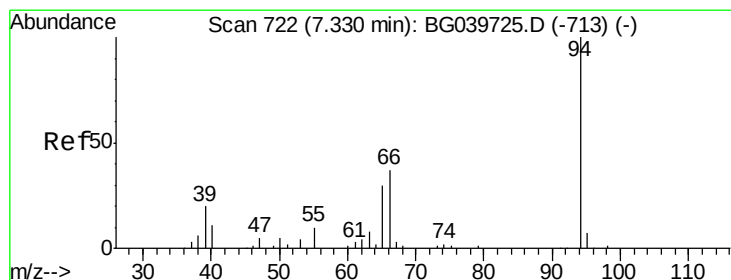
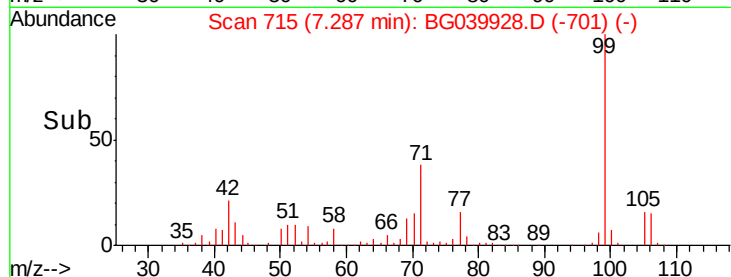
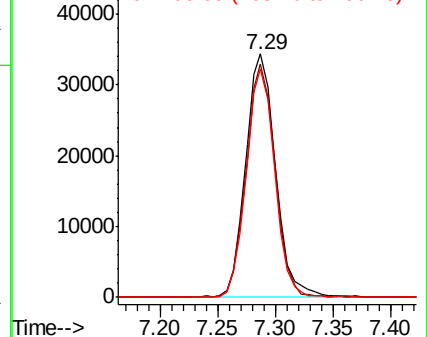
77 100

105 95.6 74.5 114.5

106 93.6 68.0 108.0



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



#10

Phenol

Concen: 42.224 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

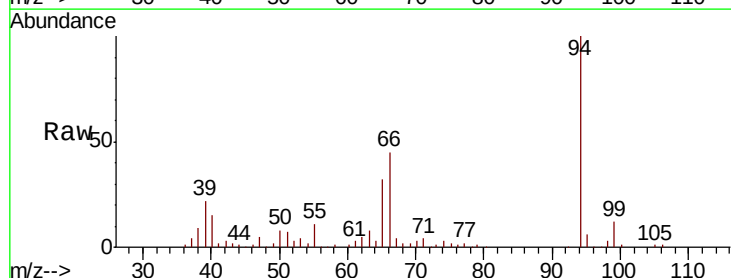
Tgt Ion: 94 Resp: 146776

Ion Ratio Lower Upper

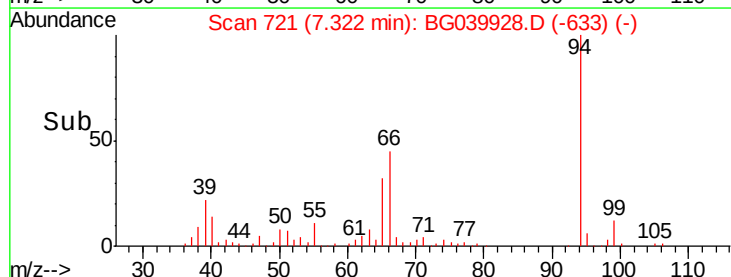
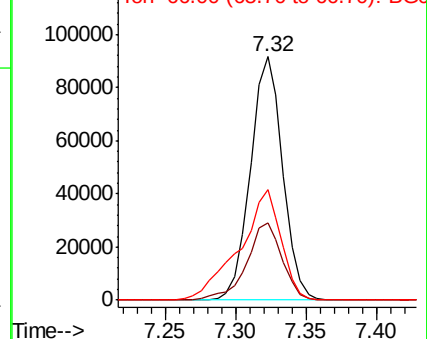
94 100

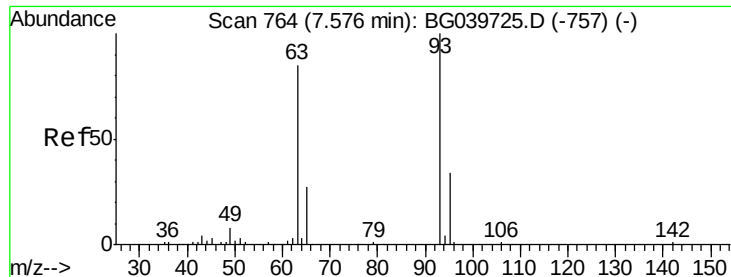
65 31.9 11.7 51.7

66 45.3 23.7 63.7



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

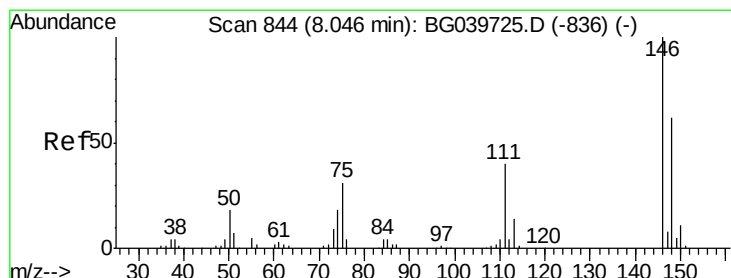
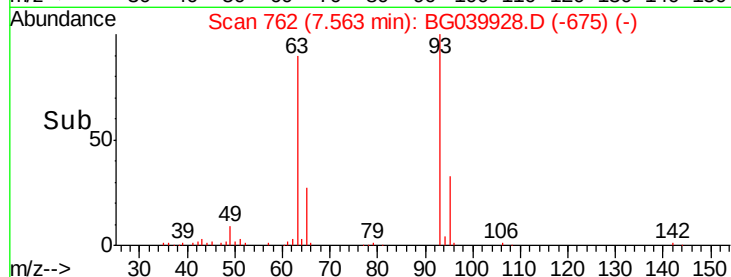
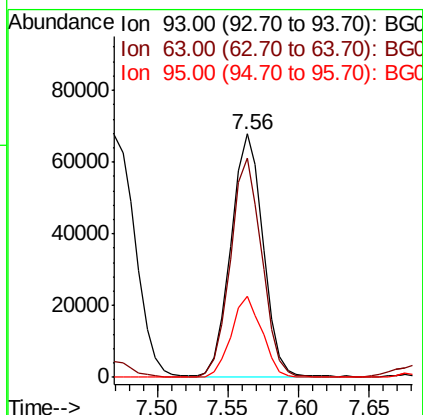
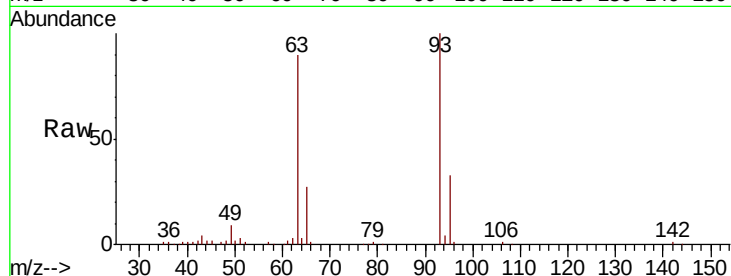




#11
bis(2-Chloroethyl)ether
Concen: 39.865 ng
RT: 7.56 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

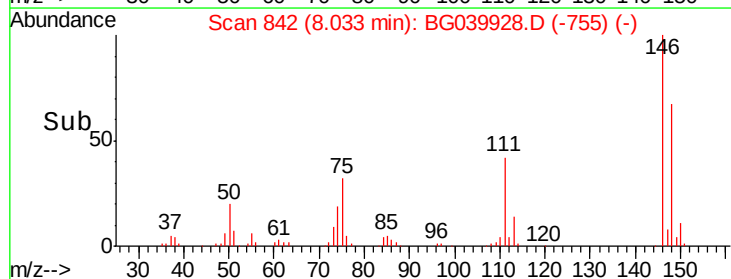
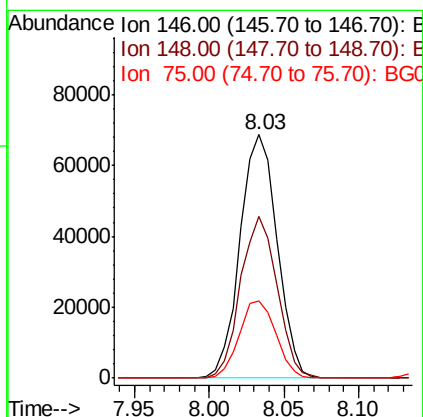
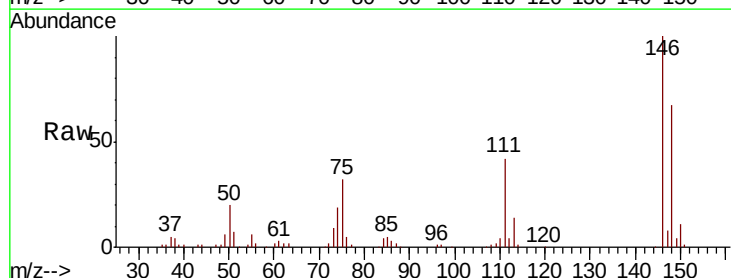
Instrument :
BNA_G
ClientSampleId :
PB117835BS

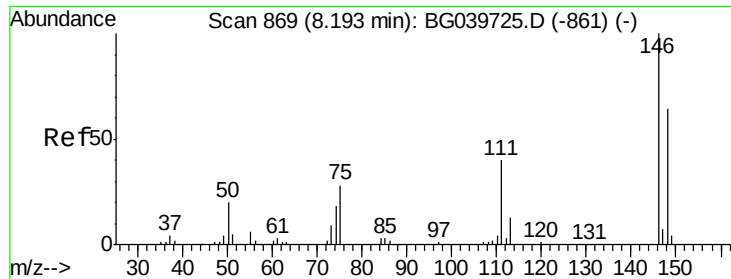
Tot Ion: 93 Resp: 108041
Ion Ratio Lower Upper
93 100
63 89.8 69.5 109.5
95 33.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.110 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion: 146 Resp: 118433
Ion Ratio Lower Upper
146 100
148 66.6 52.6 79.0
75 31.8 25.8 38.6

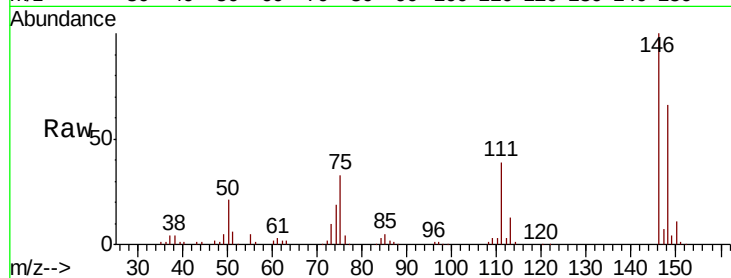




#13
 1,4-Dichlorobenzene
 Concen: 39.991 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.1	76.7
111	38.7	32.6	48.8

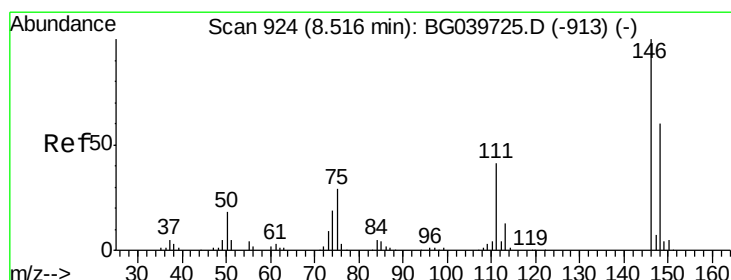
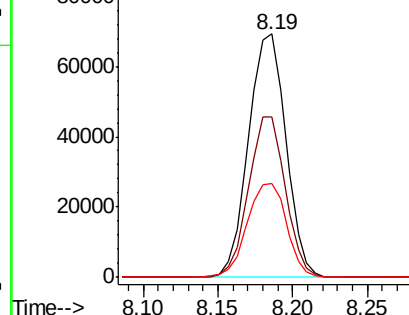
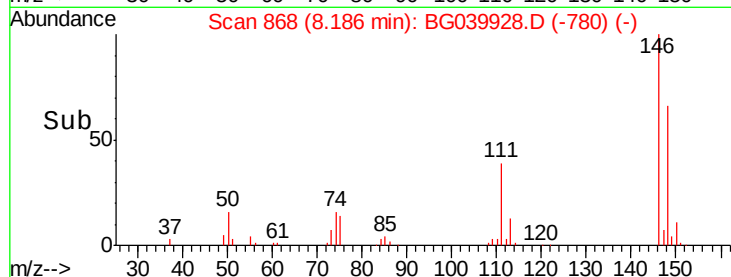


Abundance

Ion 146.00 (145.70 to 146.70): E

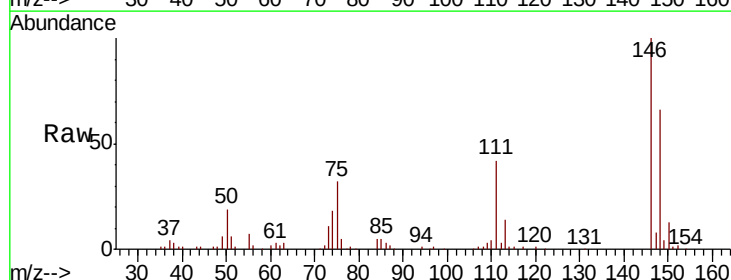
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.234 ng
 RT: 8.50 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.5	77.3
111	41.6	33.8	50.6

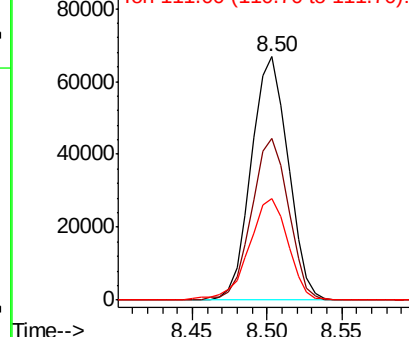
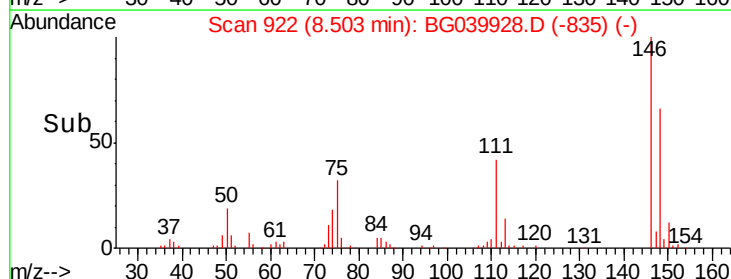


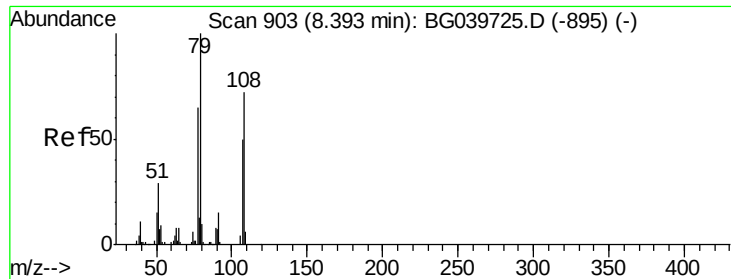
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.157 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

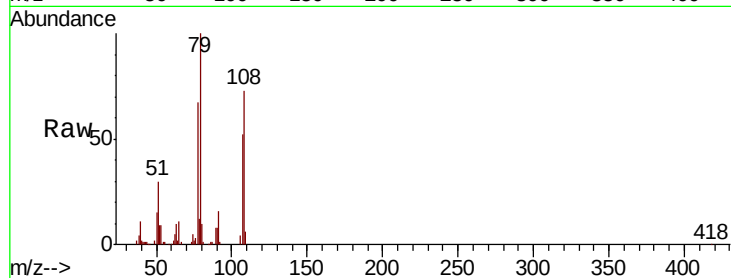
Tot Ion: 79 Resp: 104758

Ion Ratio Lower Upper

79 100

108 72.8 57.8 86.6

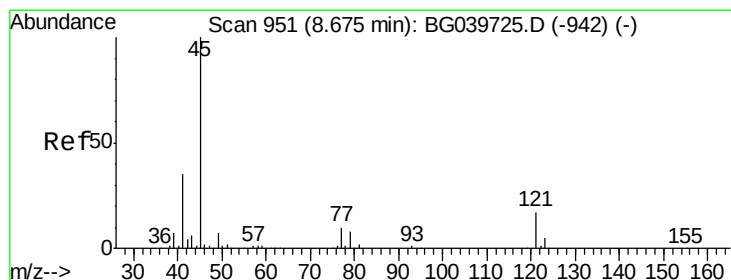
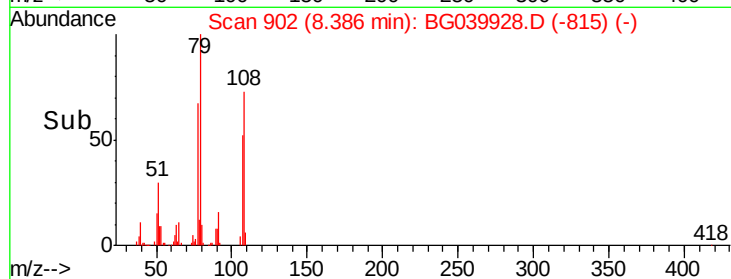
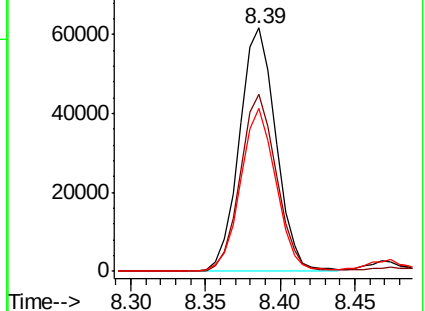
77 67.1 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.079 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

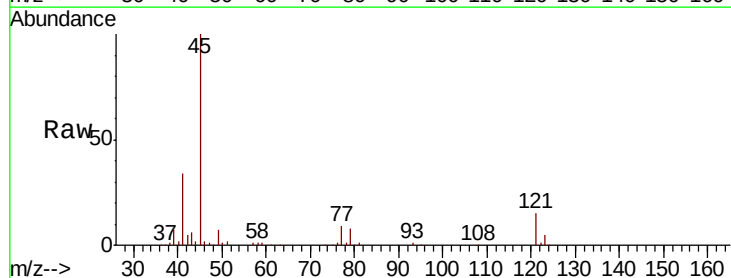
Tgt Ion: 45 Resp: 217244

Ion Ratio Lower Upper

45 100

77 9.2 0.0 30.0

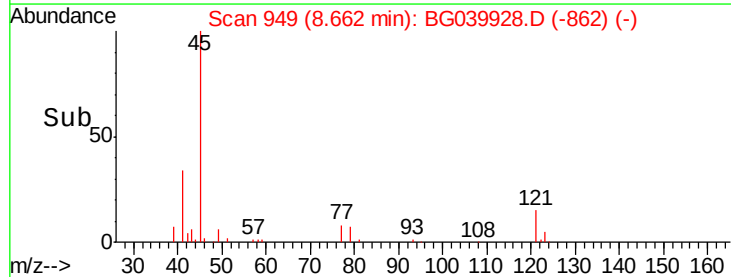
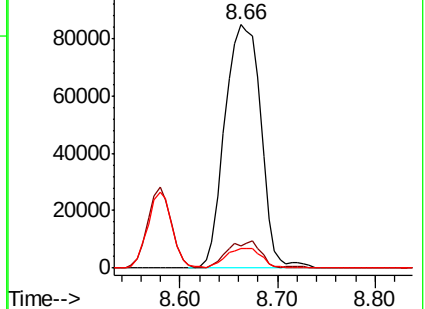
79 7.8 0.0 27.5

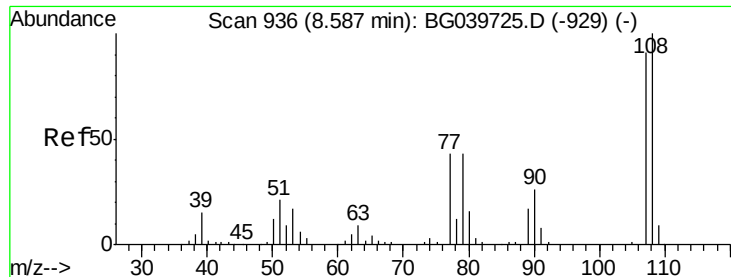


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

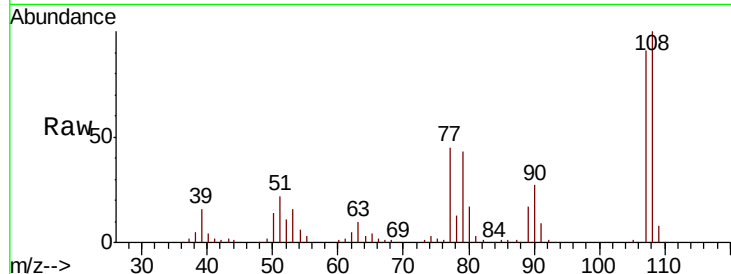




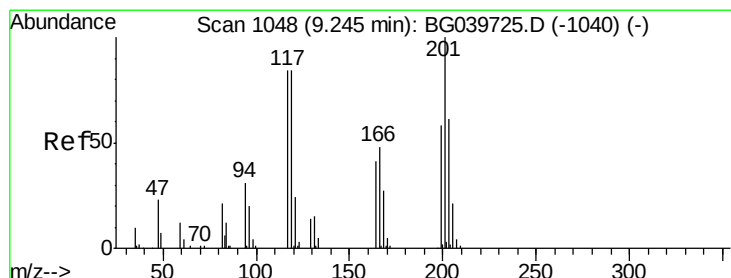
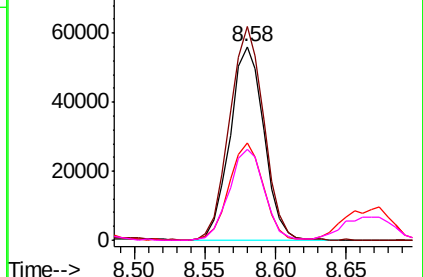
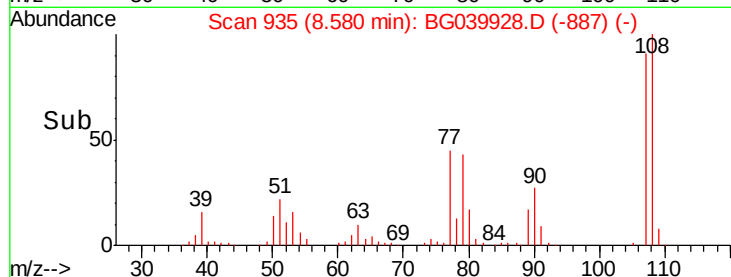
#17
2-Methylphenol
Concen: 42.479 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion:107 Resp: 94154
Ion Ratio Lower Upper
107 100
108 110.2 90.8 136.2
77 50.0 40.7 61.1
79 47.1 40.6 60.8

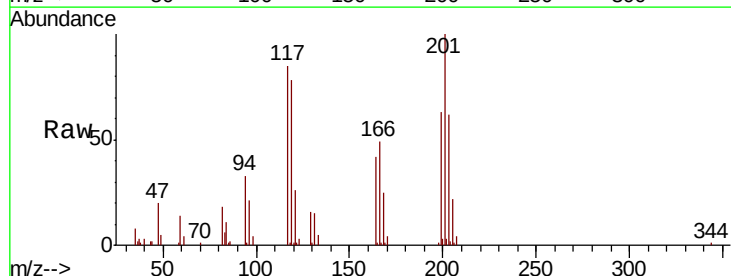


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

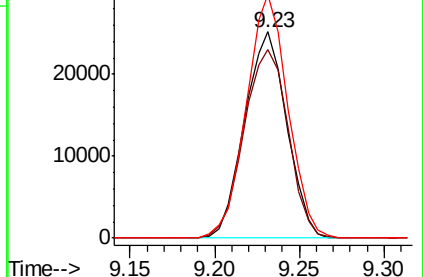
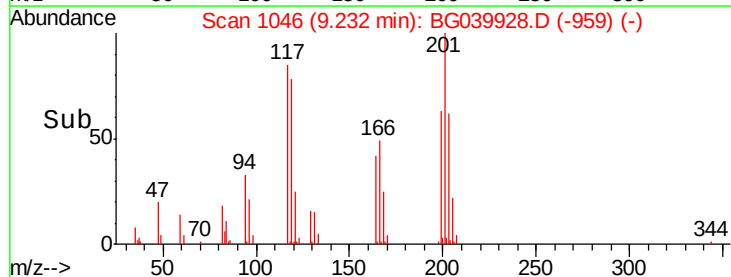


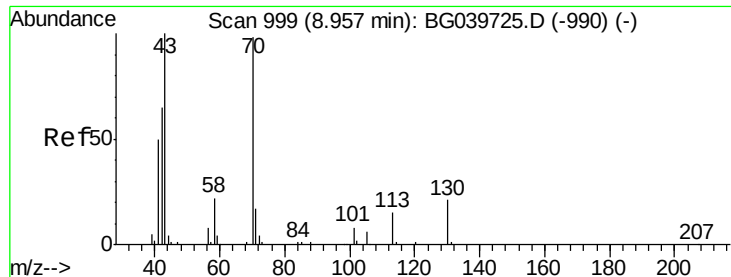
#18
Hexachloroethane
Concen: 40.325 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion:117 Resp: 43517
Ion Ratio Lower Upper
117 100
119 91.5 76.3 114.5
201 118.0 91.1 136.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

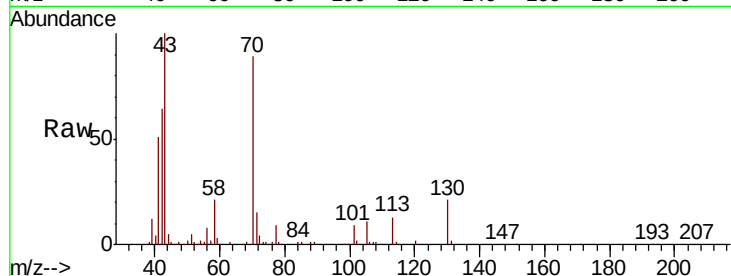




#19
n-Nitroso-di-n-propylamine
Concen: 37.423 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion:	70	Resp:	86430
Ion	Ratio	Lower	Upper
70	100		
42	72.3	60.4	90.6
101	10.4	7.5	11.3
130	23.9	16.9	25.3



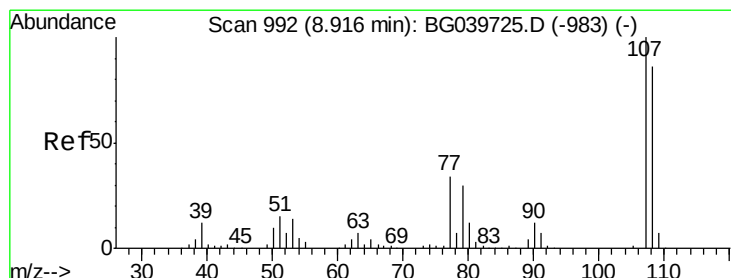
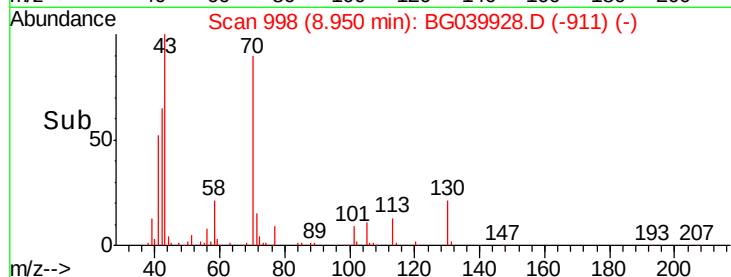
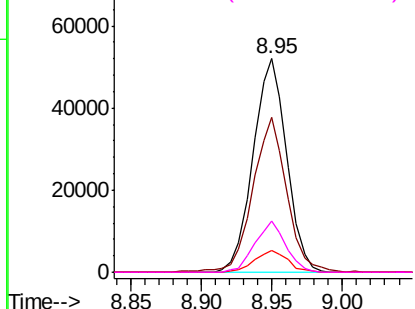
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

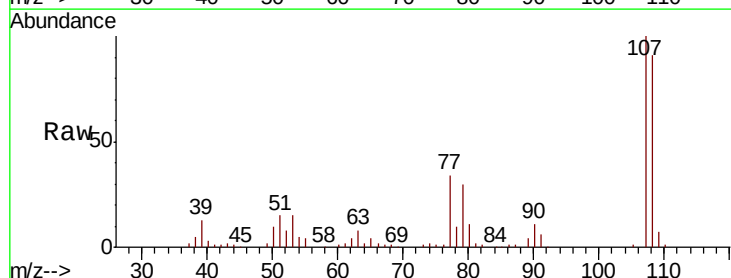
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.572 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion:	107	Resp:	131087
Ion	Ratio	Lower	Upper
107	100		
108	91.3	67.9	107.9
77	34.4	15.4	55.4
79	30.2	13.7	53.7



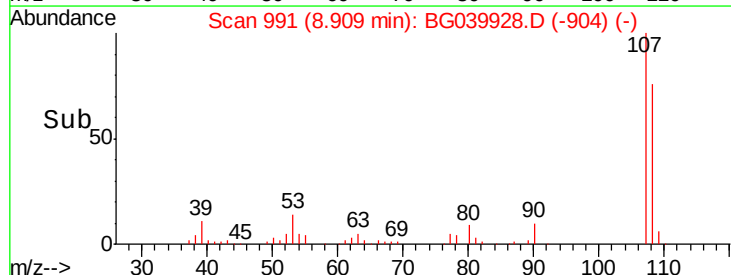
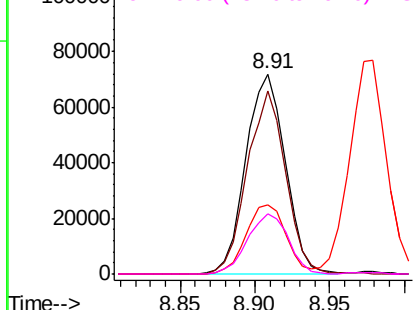
Abundance

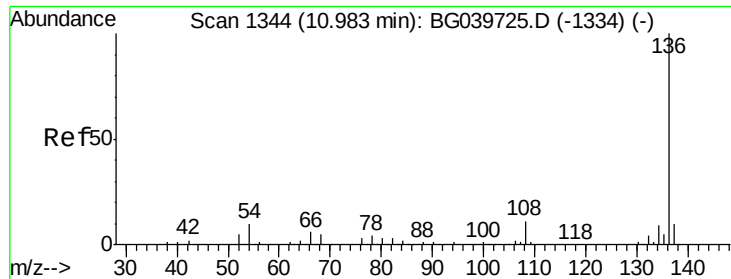
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

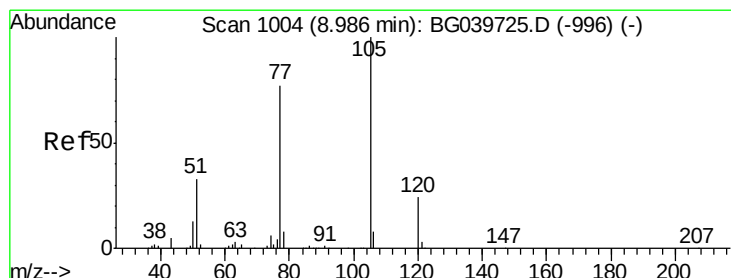
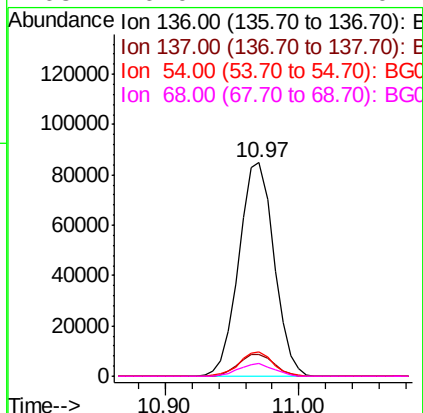
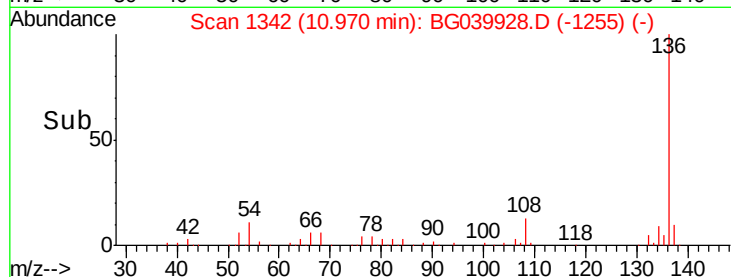
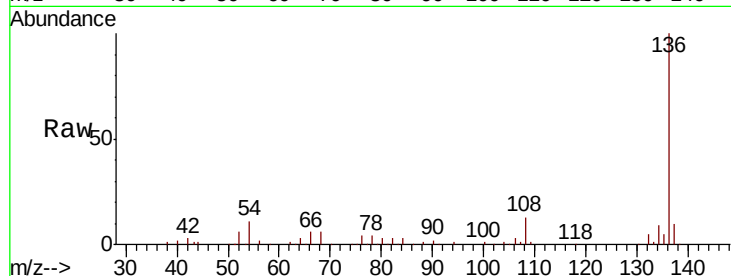




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

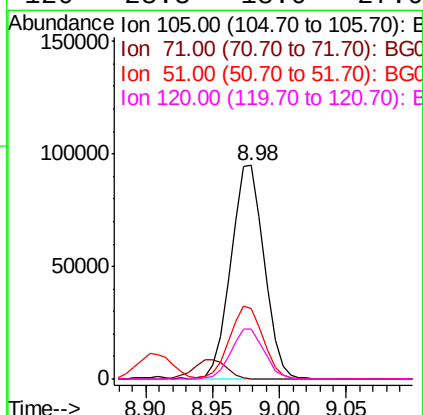
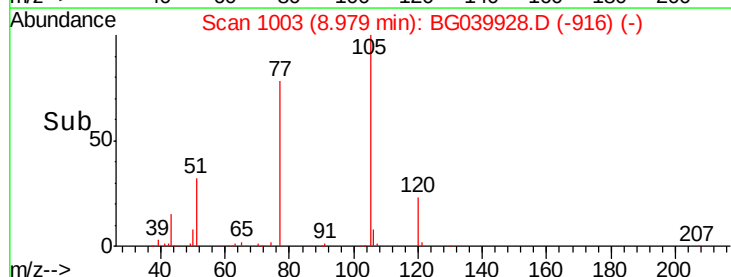
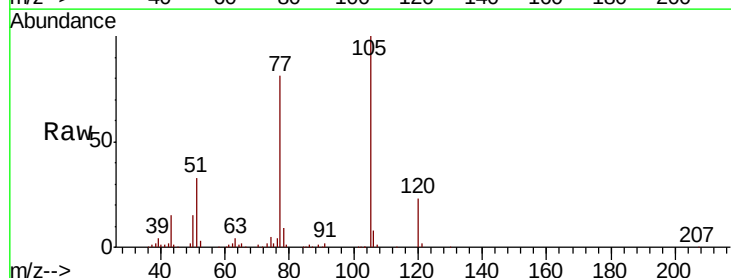
Instrument :
BNA_G
ClientSampleId :
PB117835BS

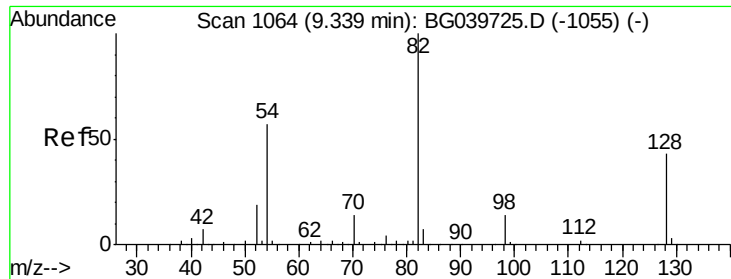
Tot Ion:136	Resp:	154705
Ion	Ratio	Lower Upper
136	100	
137	10.2	9.1 13.7
54	11.5	9.4 14.2
68	6.0	4.2 6.4



#22
Acetophenone
Concen: 39.758 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion:105	Resp:	165084
Ion	Ratio	Lower Upper
105	100	
71	0.3	0.8 1.2#
51	32.8	30.2 45.2
120	23.3	18.0 27.0

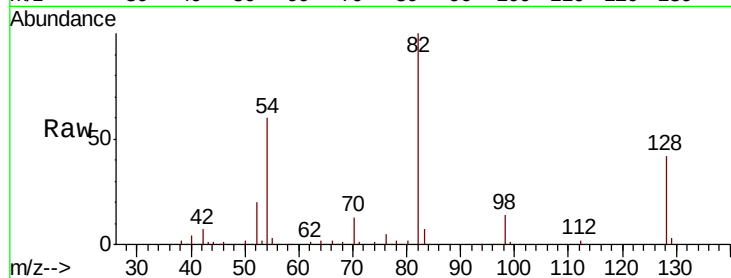




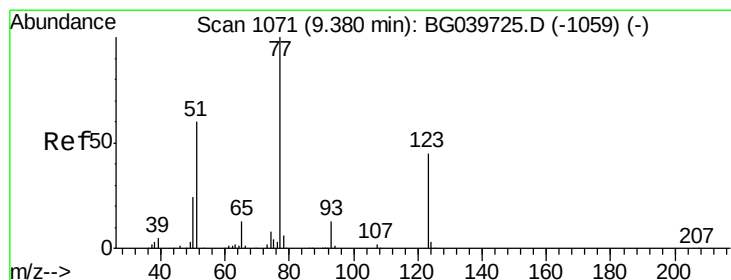
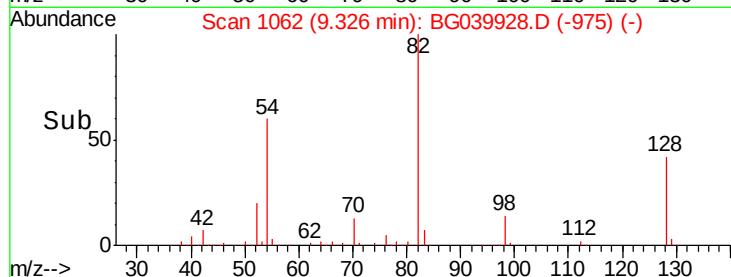
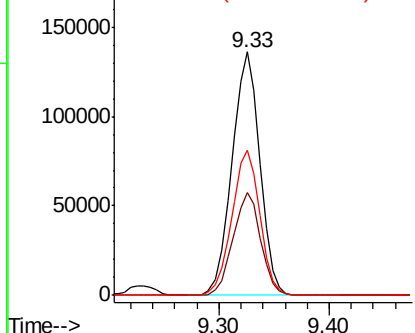
#23
Nitrobenzene-d5
Concen: 84.033 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion: 82 Resp: 240373
Ion Ratio Lower Upper
82 100
128 42.4 31.3 46.9
54 59.7 50.9 76.3

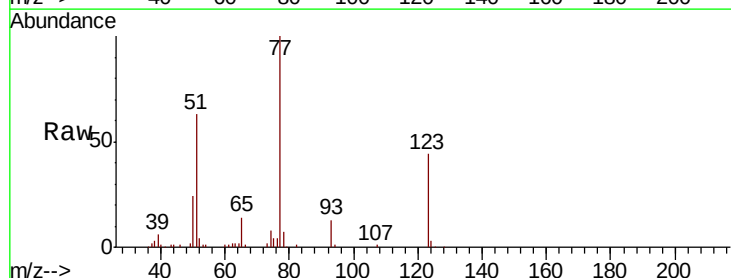


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

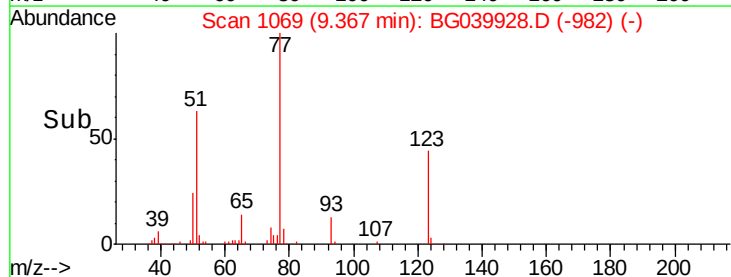
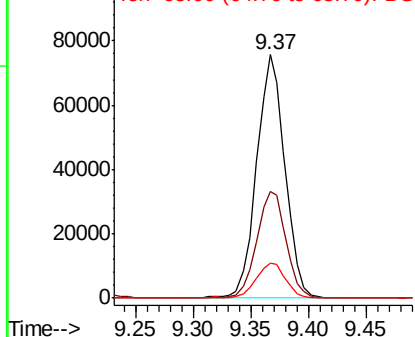


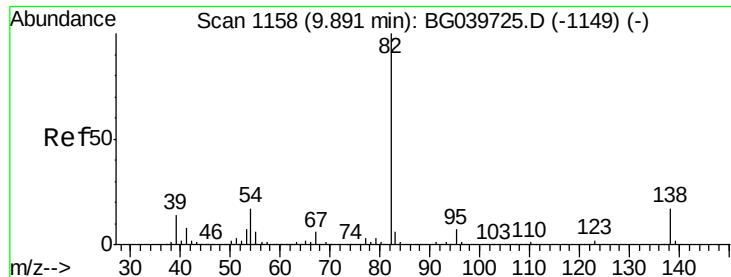
#24
Nitrobenzene
Concen: 43.053 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion: 77 Resp: 129194
Ion Ratio Lower Upper
77 100
123 43.6 34.1 51.1
65 14.3 12.3 18.5



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

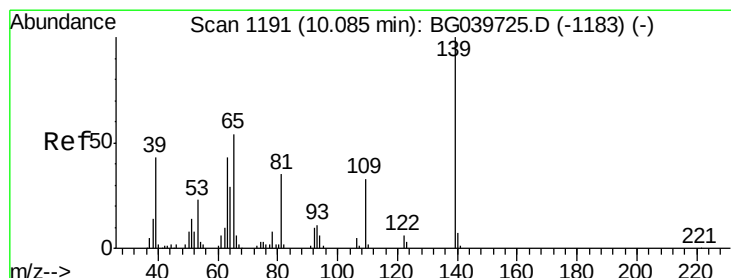
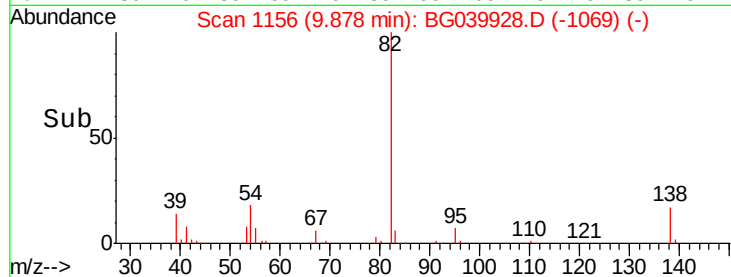
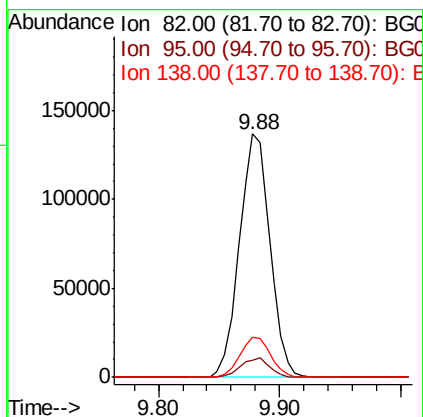
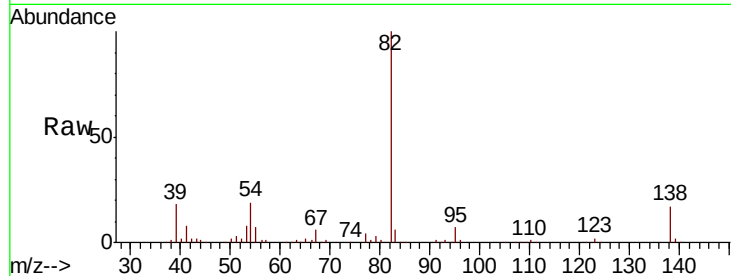




#25
Isophorone
Concen: 40.274 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

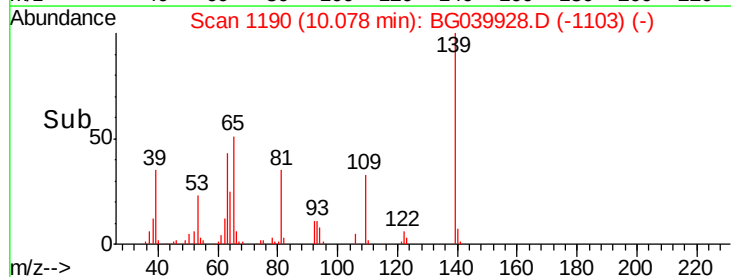
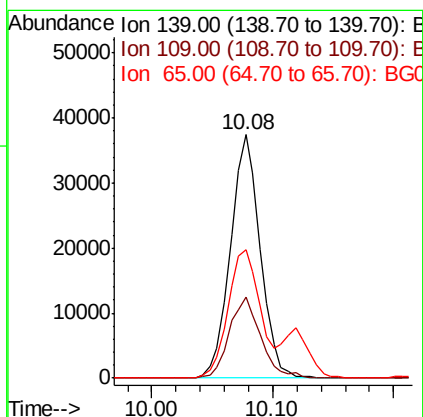
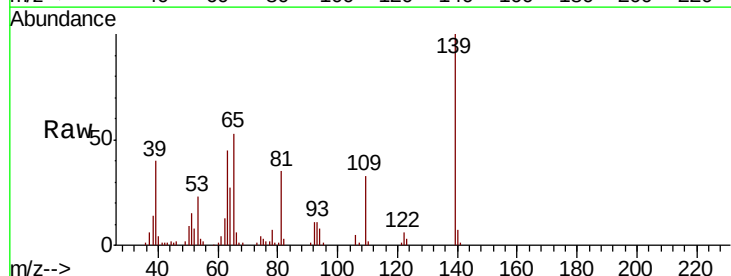
Instrument :
BNA_G
ClientSampleId :
PB117835BS

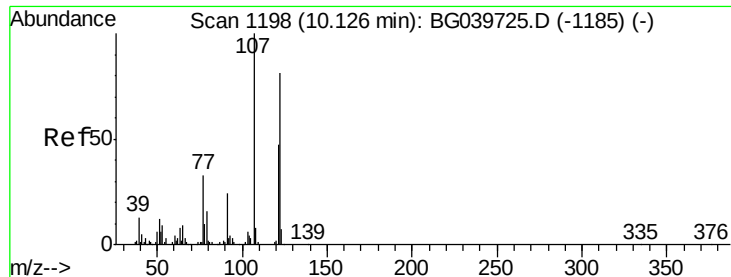
Tot Ion	82	Resp	241388
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.2	9.2
138	16.6	13.0	19.4



#26
2-Nitrophenol
Concen: 44.133 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	139	Resp	63943
Ion Ratio	Lower	Upper	
139	100		
109	33.3	23.4	35.0
65	53.0	44.3	66.5

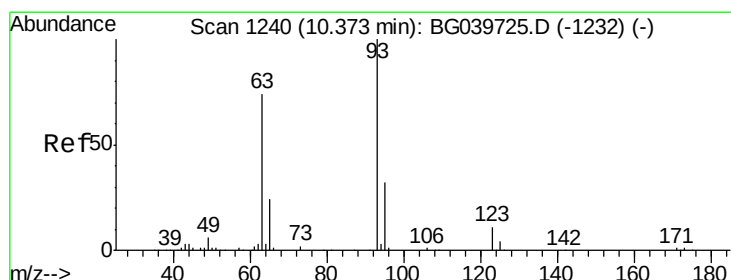
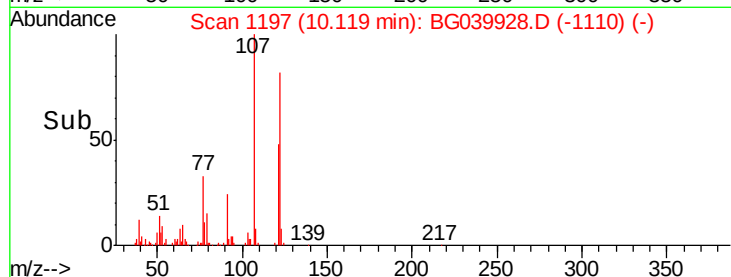
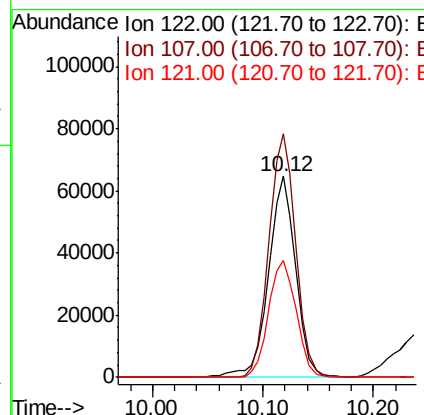
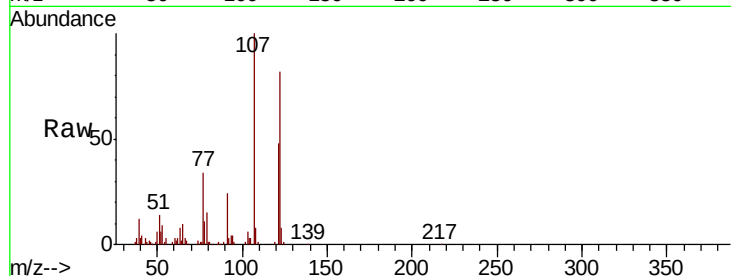




#27
 2,4-Dimethylphenol
 Concen: 49.265 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

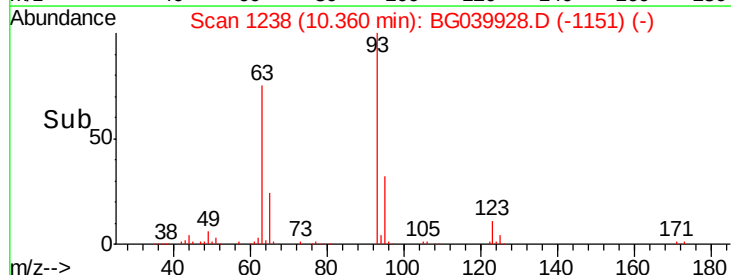
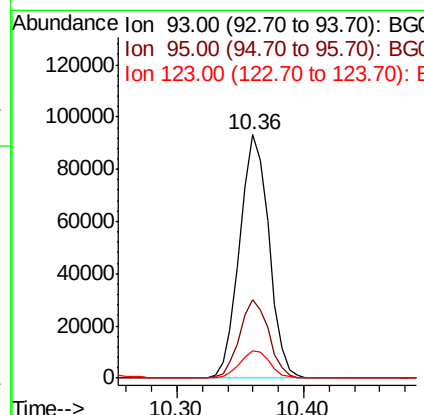
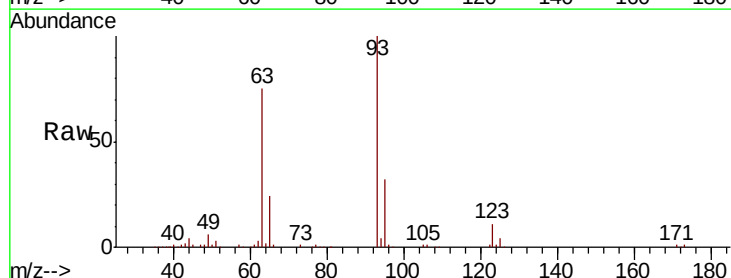
Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

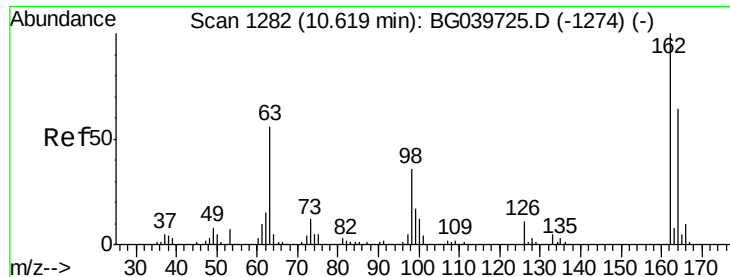
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.2	91.7	137.5
121	58.0	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.906 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.0	37.4
123	11.2	8.6	12.8

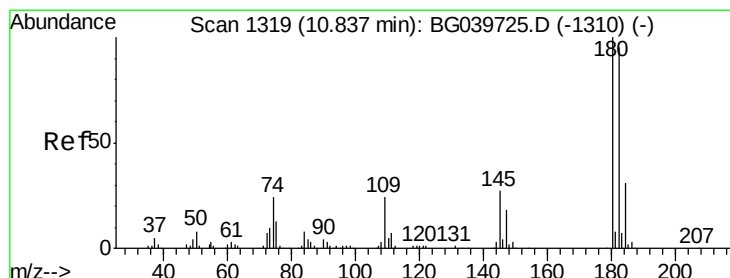
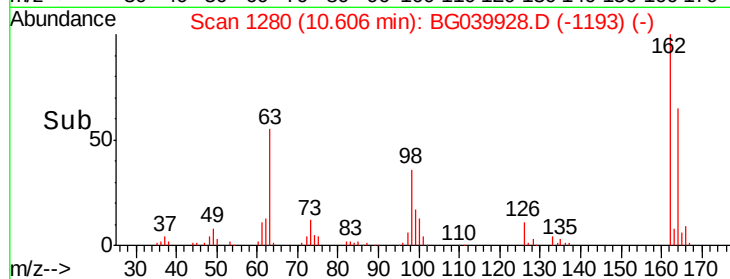
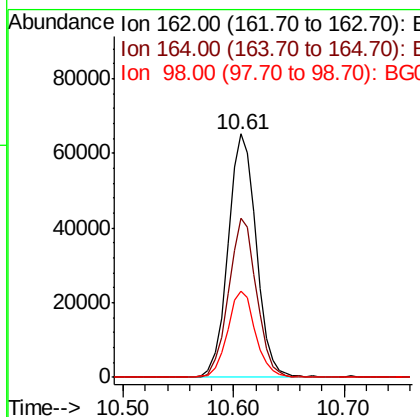
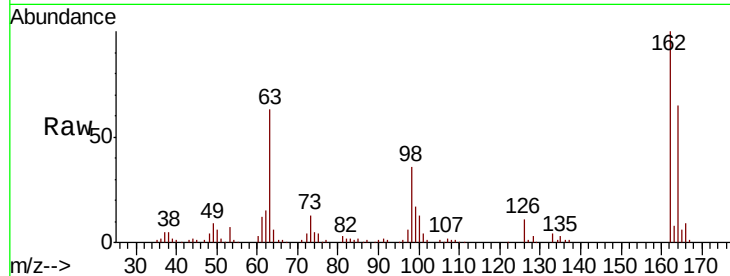




#29
 2,4-Dichlorophenol
 Concen: 45.949 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

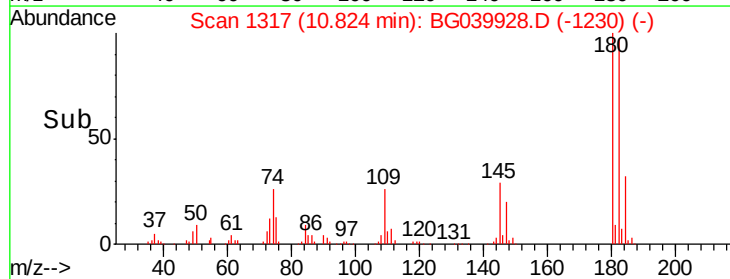
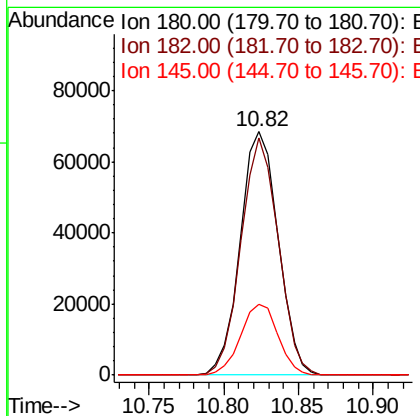
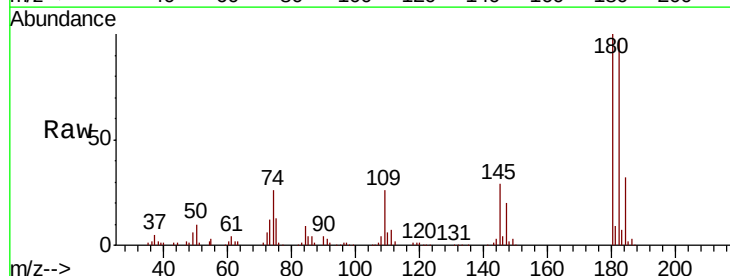
Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

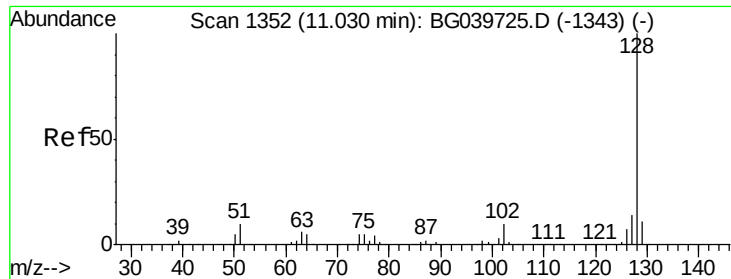
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	48.1	88.1
98	35.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.199 ng
 RT: 10.82 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.0	114.0
145	29.2	22.7	34.1

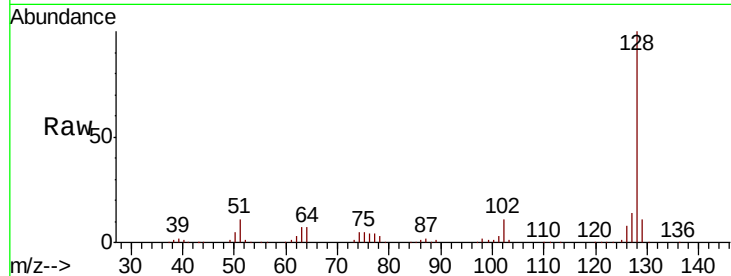




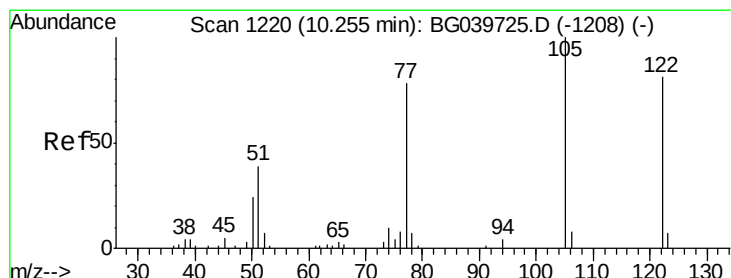
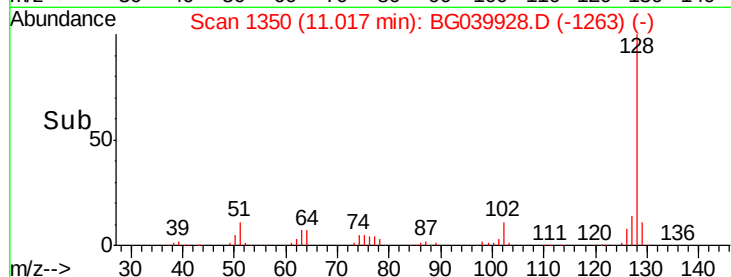
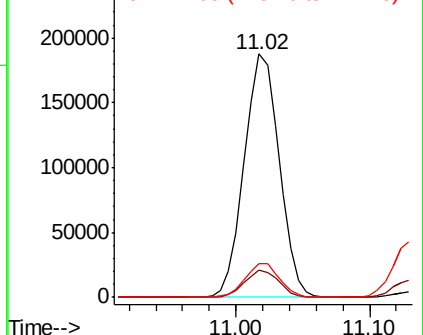
#31
Naphthalene
Concen: 41.464 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion:128 Resp: 339631
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.7 10.8 16.2

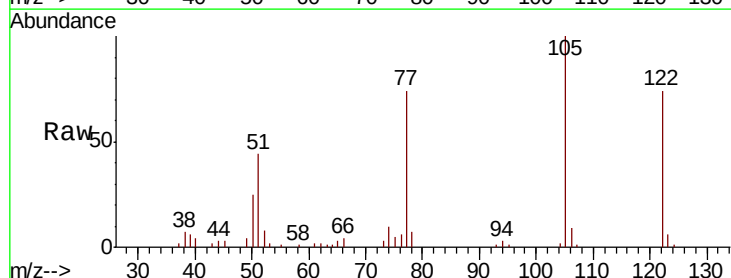


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

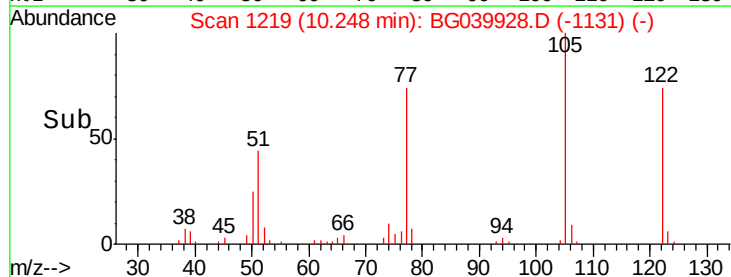
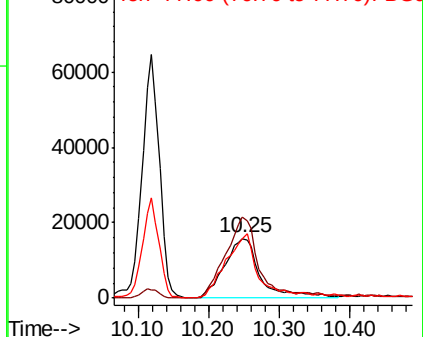


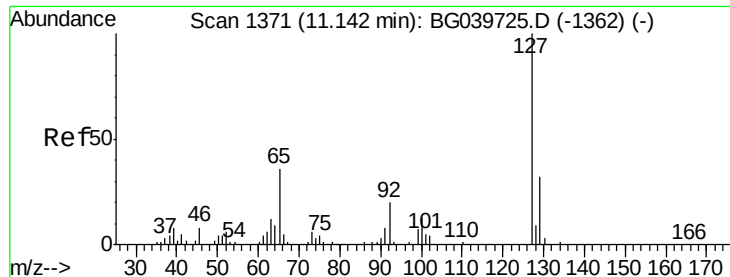
#32
Benzoic acid
Concen: 37.936 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion:122 Resp: 56212
Ion Ratio Lower Upper
122 100
105 135.9 101.8 141.8
77 101.0 76.3 116.3



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

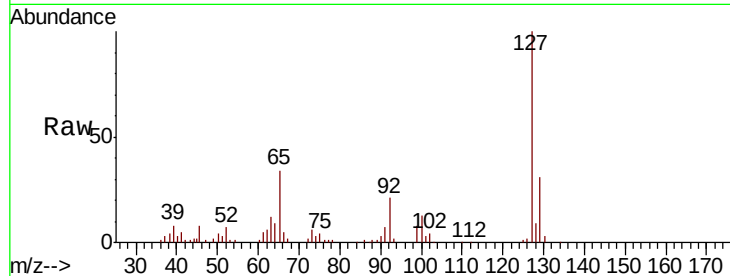




#33
4-Chloroaniline
Concen: 22.917 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion:	127	Resp:	79597
Ion	Ratio	Lower	Upper
127	100		
129	31.3	27.0	40.4
65	33.7	28.8	43.2
92	21.0	16.6	25.0



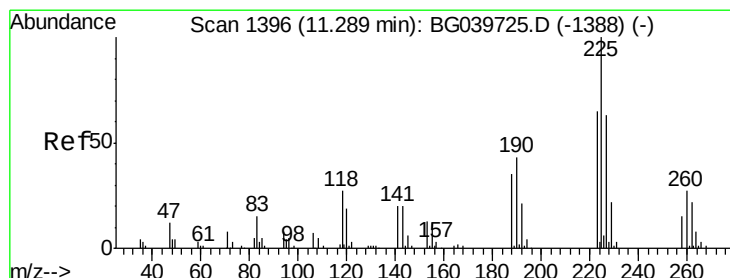
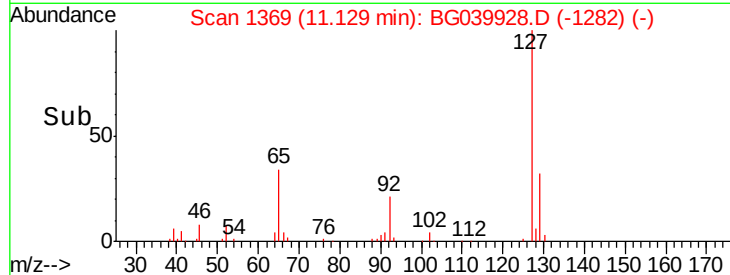
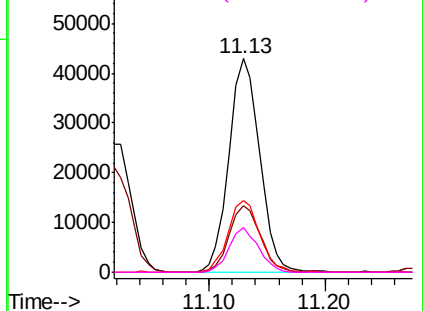
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

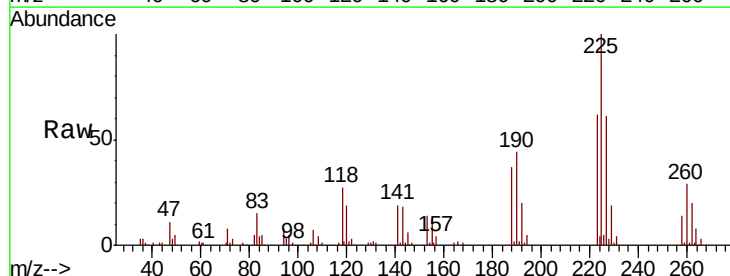
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.266 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion:	225	Resp:	82454
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.0	73.6
227	61.4	46.3	69.5

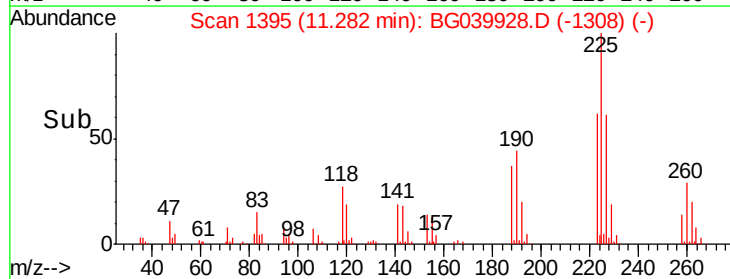
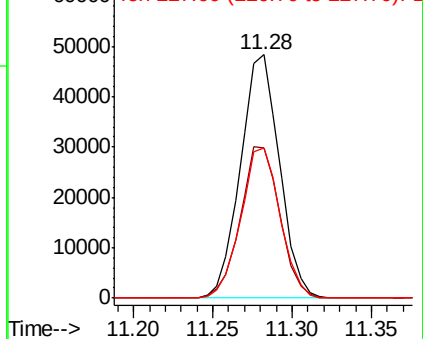


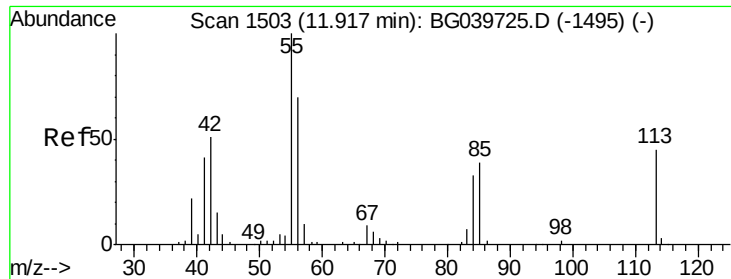
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

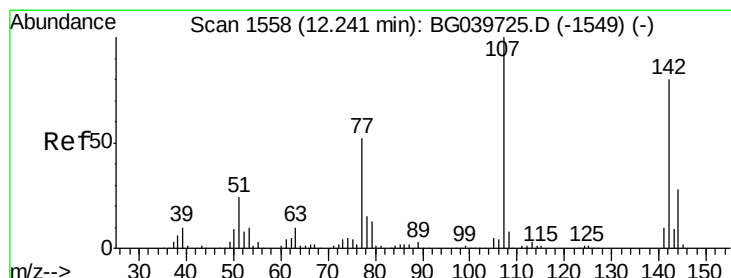
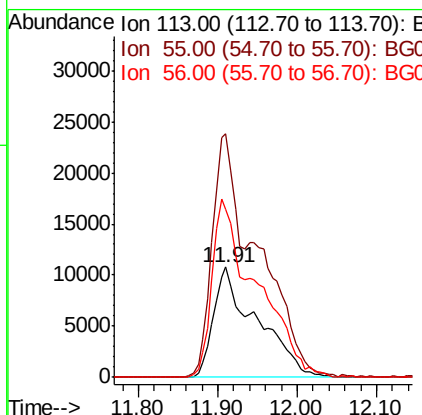
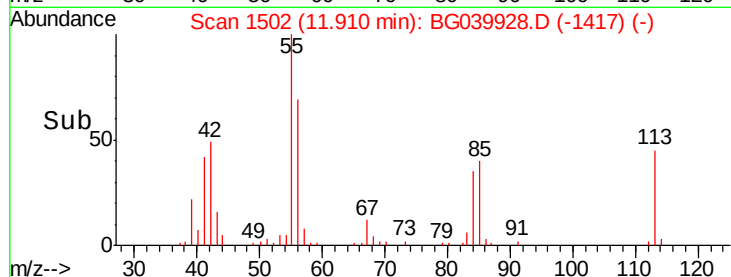
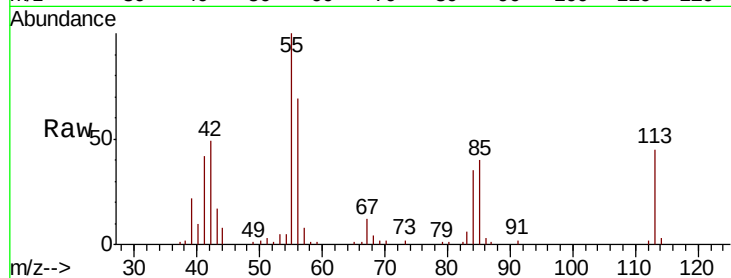




#35
 Caprolactam
 Concen: 42.214 ng
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.03 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

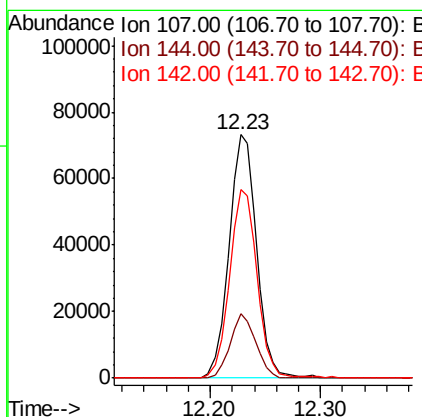
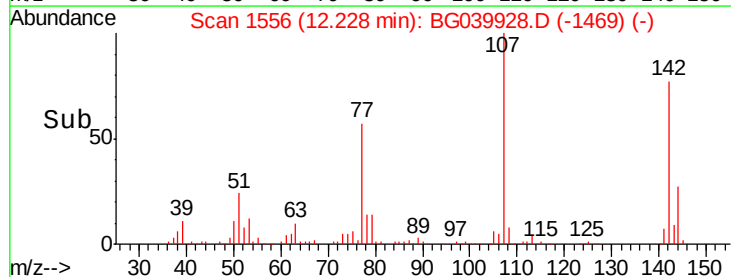
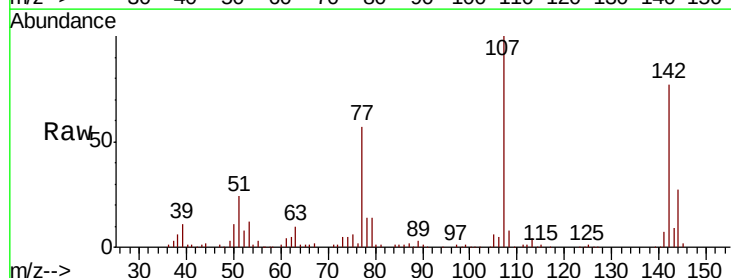
Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

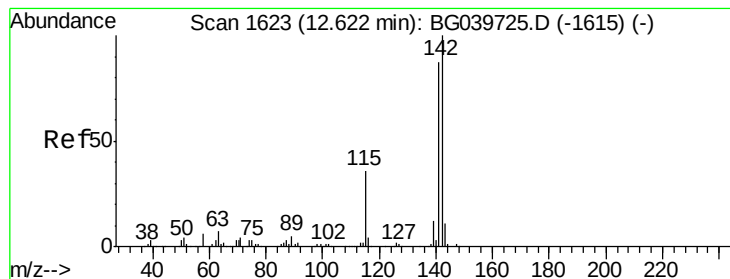
Tot Ion:113 Resp: 40911
 Ion Ratio Lower Upper
 113 100
 55 221.1 216.9 256.9
 56 152.5 152.6 192.6#



#36
 4-Chloro-3-methylphenol
 Concen: 43.884 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion:107 Resp: 127626
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.2 30.2
 142 77.3 61.4 92.2





#37

2-Methylnaphthalene

Concen: 42.054 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

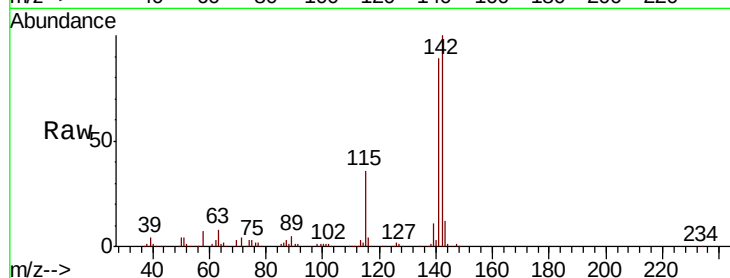
Tot Ion:142 Resp: 257533

Ion Ratio Lower Upper

142 100

141 89.1 73.5 110.3

115 36.1 30.8 46.2

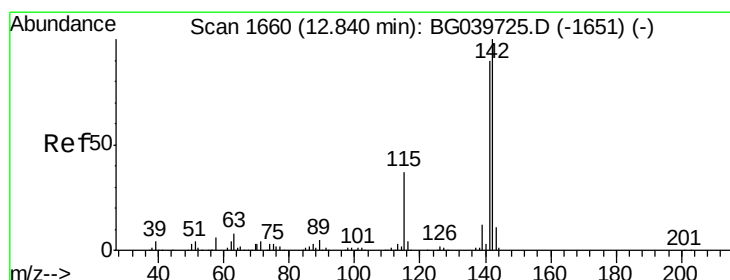
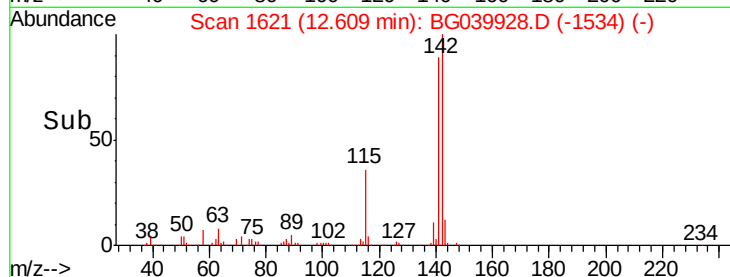
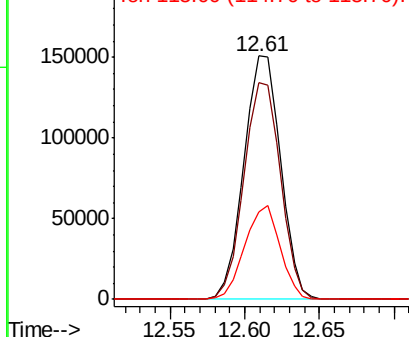


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.259 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

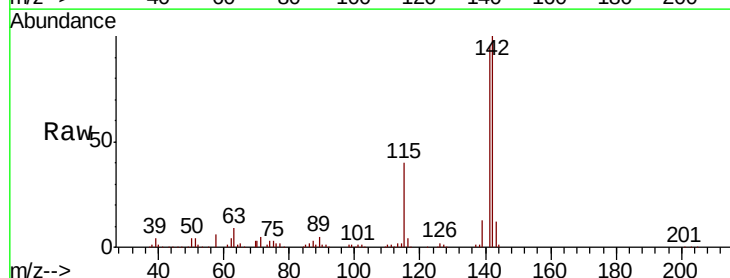
Tgt Ion:142 Resp: 245542

Ion Ratio Lower Upper

142 100

141 95.0 74.2 111.4

116 3.9 3.0 4.6

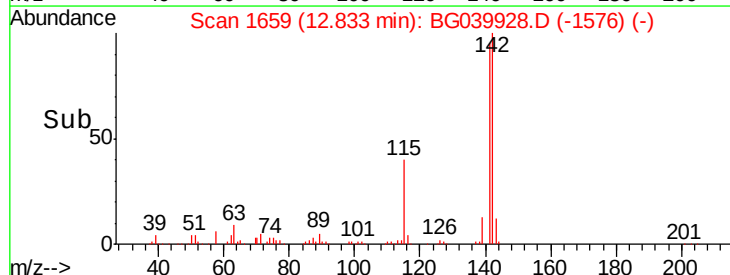
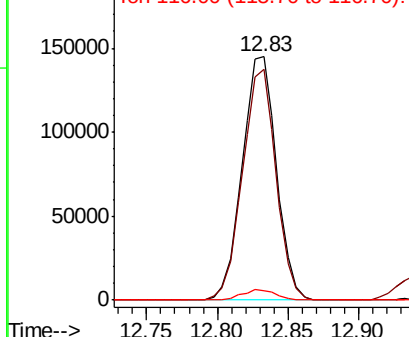


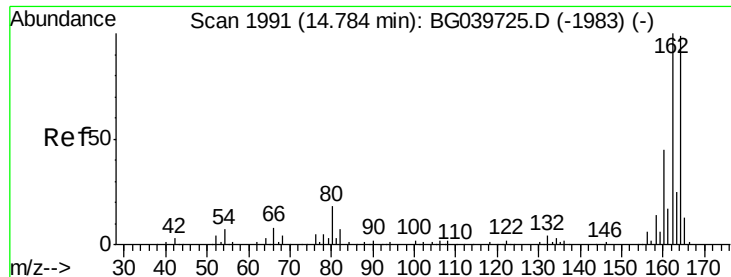
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

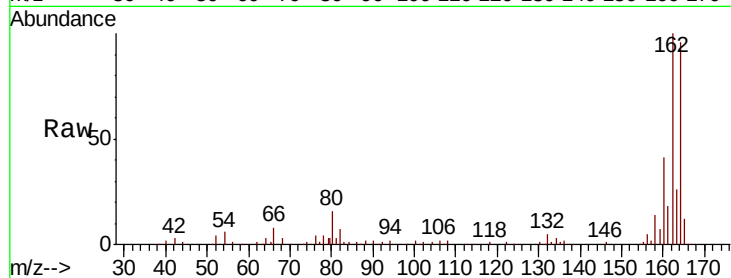
Tot Ion:164 Resp: 101534

Ion Ratio Lower Upper

164 100

162 104.2 81.6 122.4

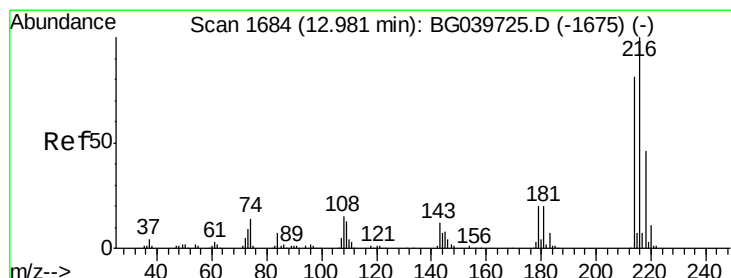
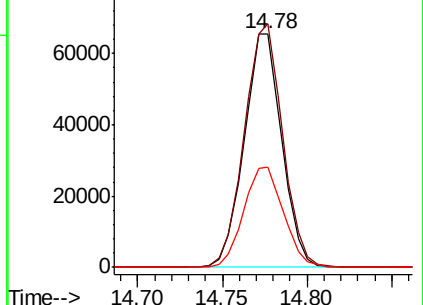
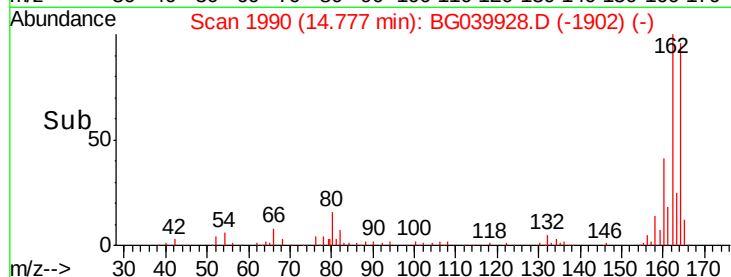
160 43.0 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.131 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Tgt Ion:216 Resp: 144919

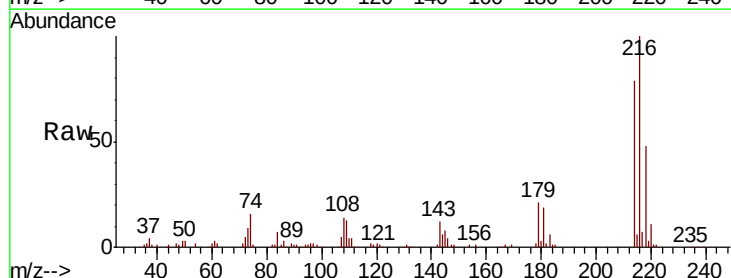
Ion Ratio Lower Upper

216 100

214 79.6 62.6 94.0

179 20.9 16.6 25.0

108 18.3 14.0 21.0

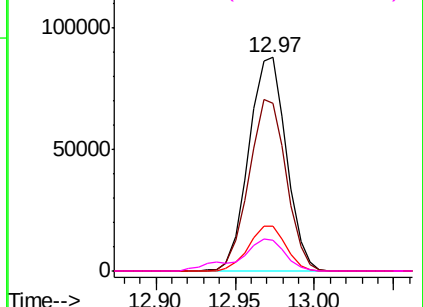
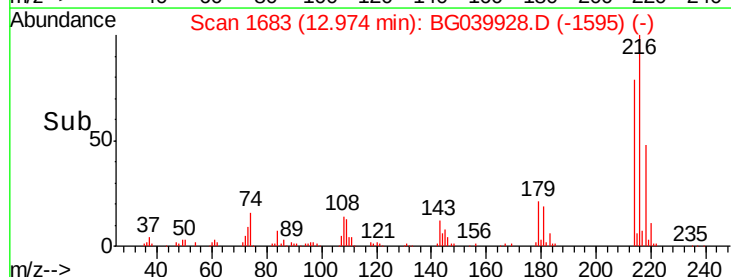


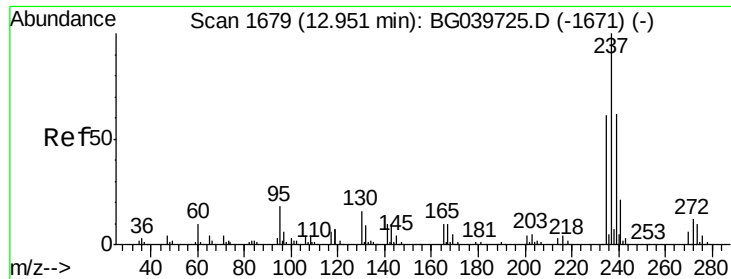
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

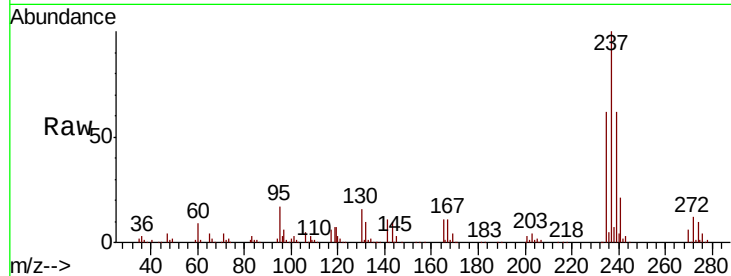




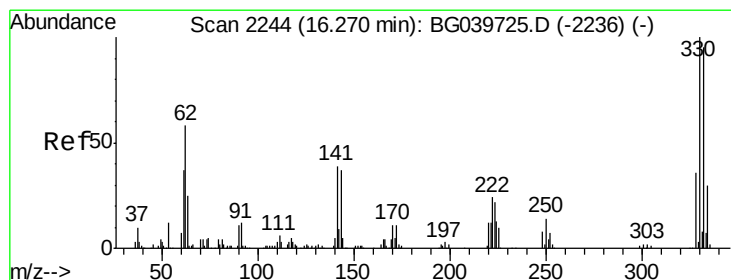
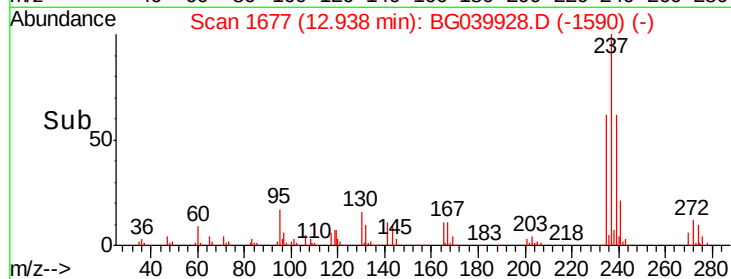
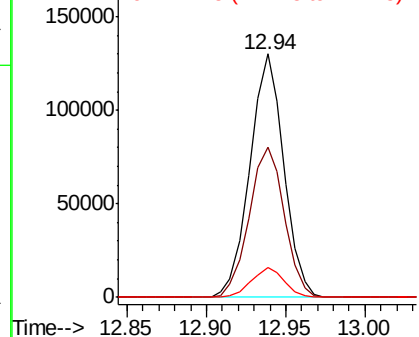
#41
Hexachlorocyclopentadiene
Concen: 104.651 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.6	43.3	83.3
272	12.3	0.0	32.3

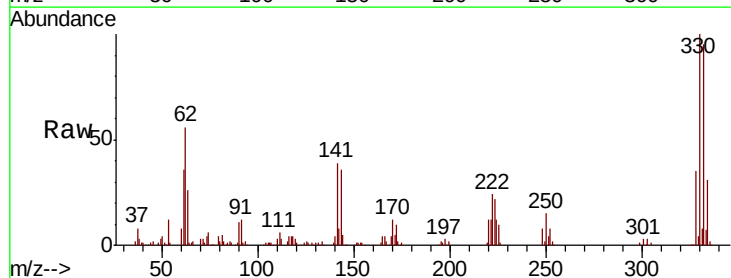


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

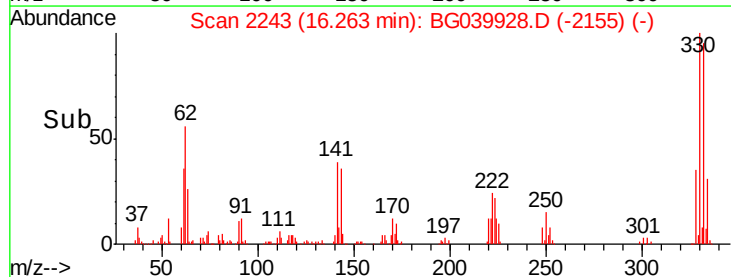
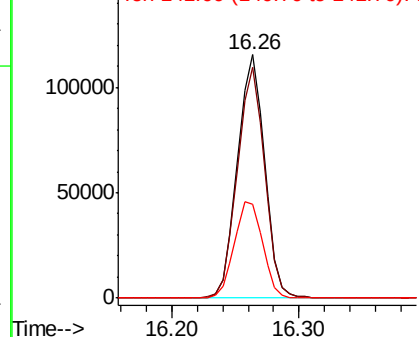


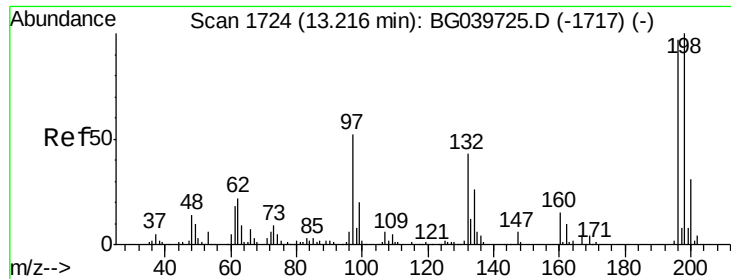
#42
2,4,6-Tribromophenol
Concen: 144.705 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.7	113.5
141	41.2	35.6	53.4



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

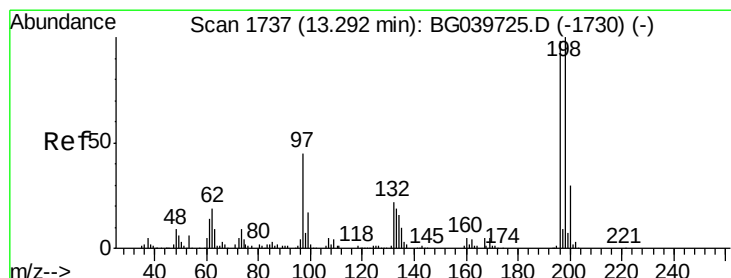
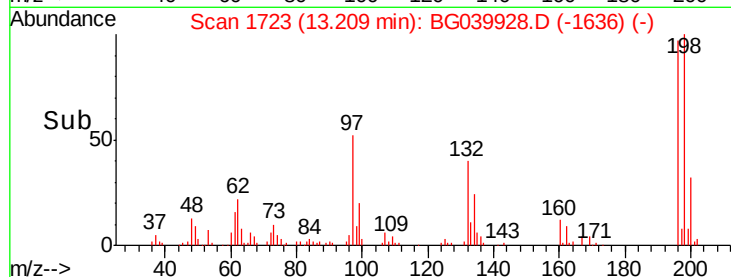
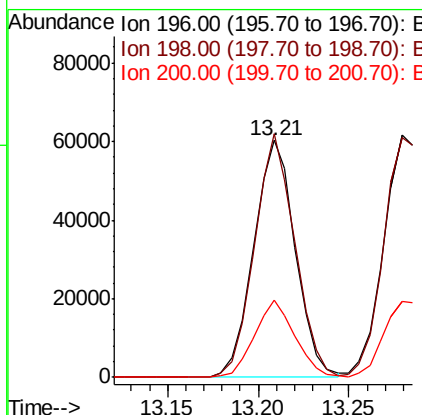
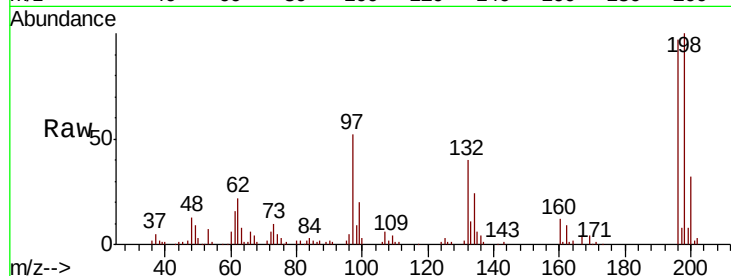




#43
 2,4,6-Trichlorophenol
 Concen: 47.970 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

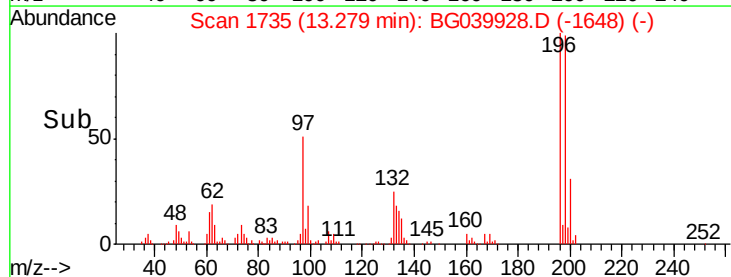
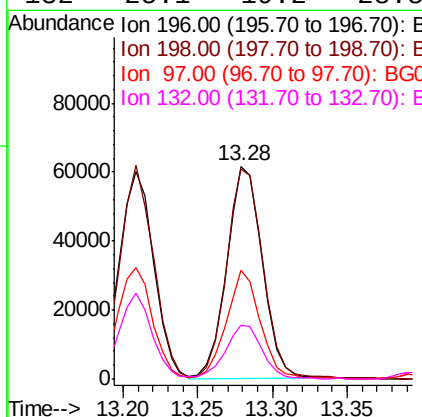
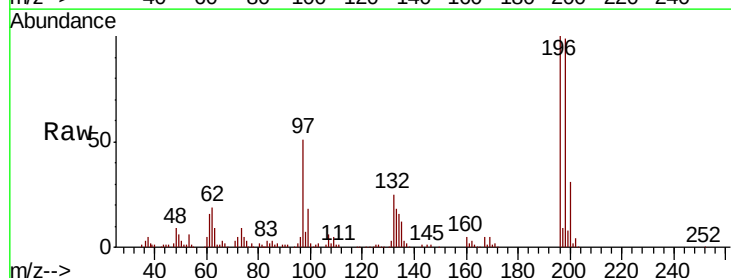
Instrument :
 BNA_G
 ClientSampled :
 PB117835BS

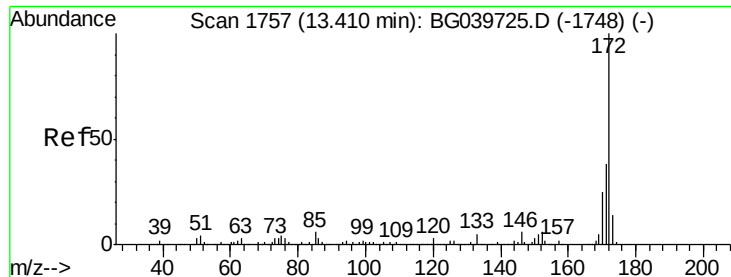
Tot Ion:196 Resp: 96602
 Ion Ratio Lower Upper
 196 100
 198 102.8 80.6 121.0
 200 32.7 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.032 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion:196 Resp: 102219
 Ion Ratio Lower Upper
 196 100
 198 98.7 78.5 117.7
 97 51.1 38.4 57.6
 132 25.1 19.2 28.8

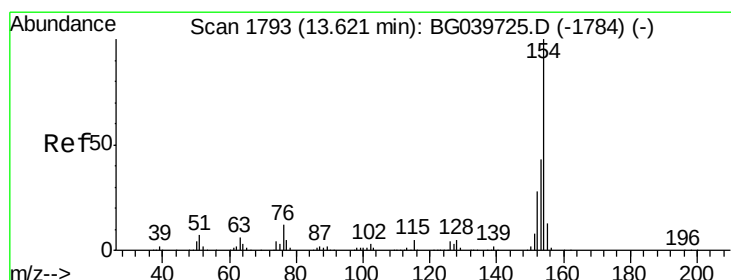
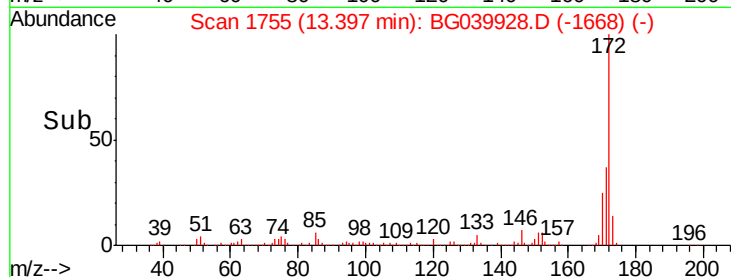
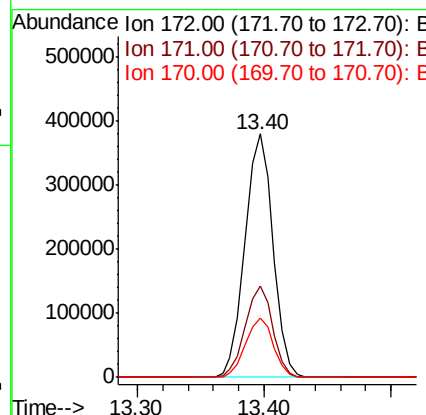
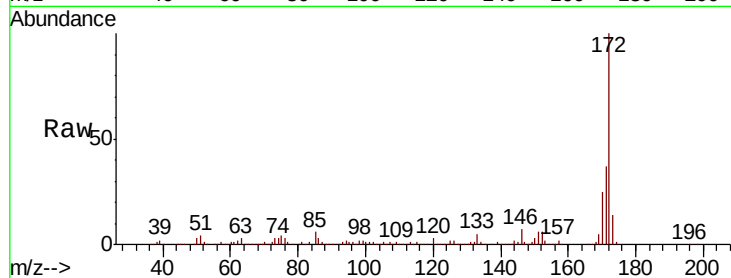




#45
2-Fluorobiphenyl
Concen: 81.266 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

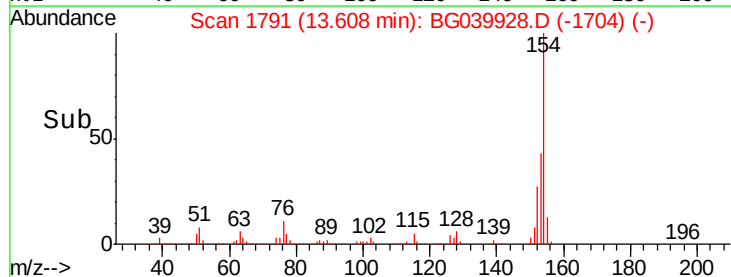
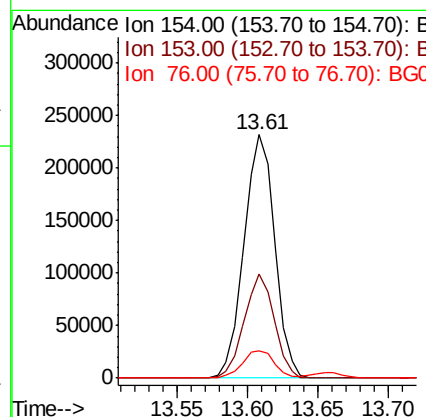
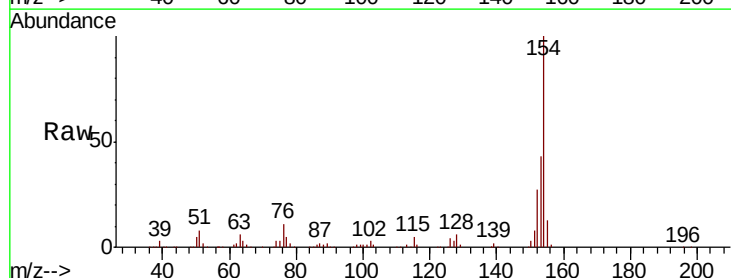
Instrument :
BNA_G
ClientSampleId :
PB117835BS

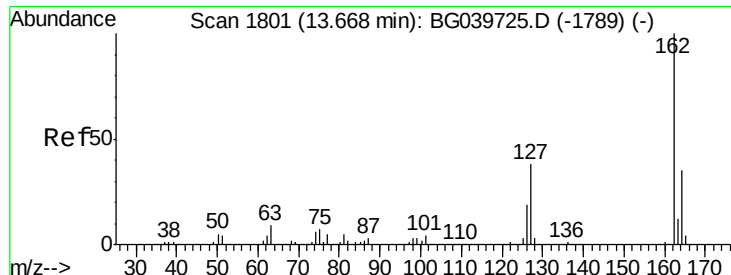
Tot Ion:172 Resp: 579514
Ion Ratio Lower Upper
172 100
171 37.3 30.8 46.2
170 24.6 20.2 30.4



#46
1,1'-Biphenyl
Concen: 42.297 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion:154 Resp: 353227
Ion Ratio Lower Upper
154 100
153 42.7 22.1 62.1
76 11.3 0.0 32.4

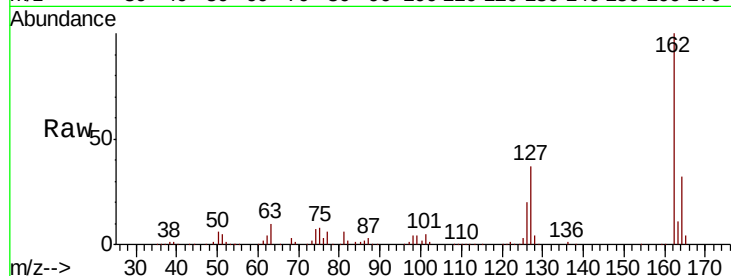




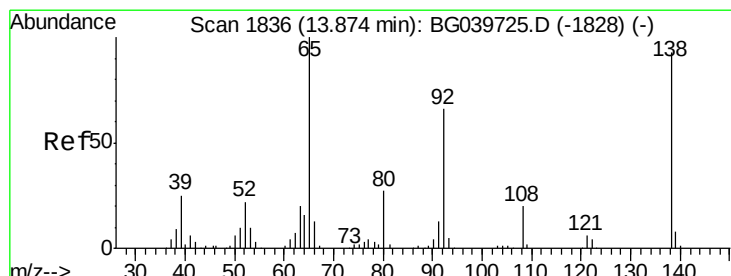
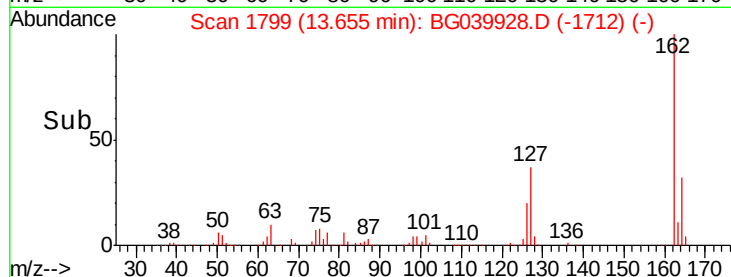
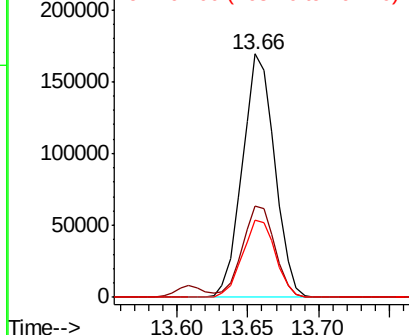
#47
 2-Chloronaphthalene
 Concen: 43.125 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

Tot Ion:162 Resp: 270929
 Ion Ratio Lower Upper
 162 100
 127 37.3 31.0 46.6
 164 31.7 25.7 38.5

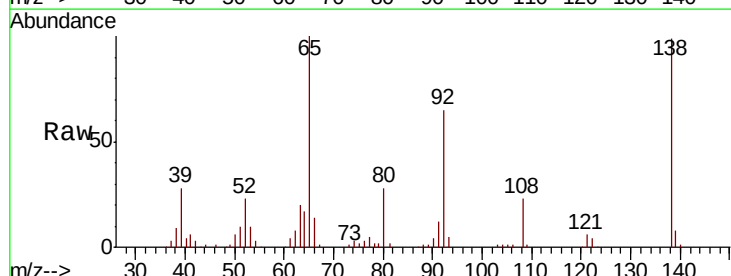


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

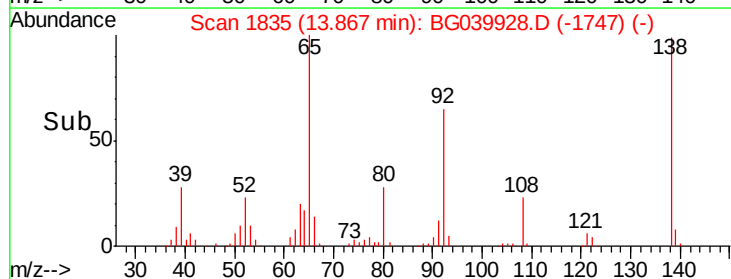
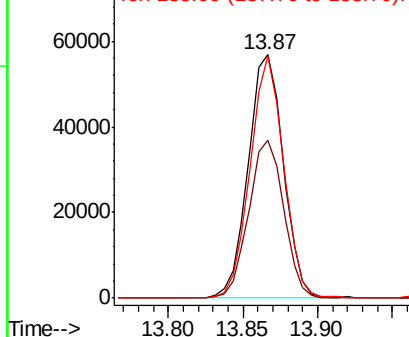


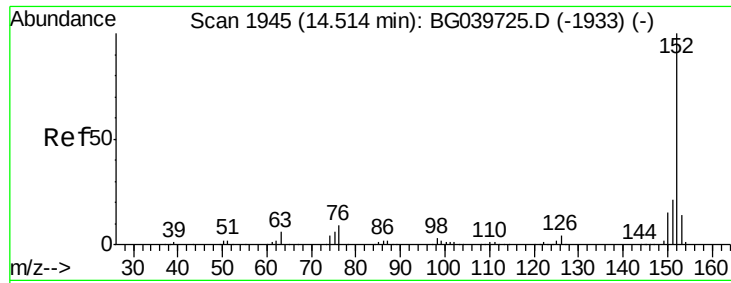
#48
 2-Nitroaniline
 Concen: 45.679 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion: 65 Resp: 92225
 Ion Ratio Lower Upper
 65 100
 92 65.0 51.4 77.2
 138 99.3 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.853 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

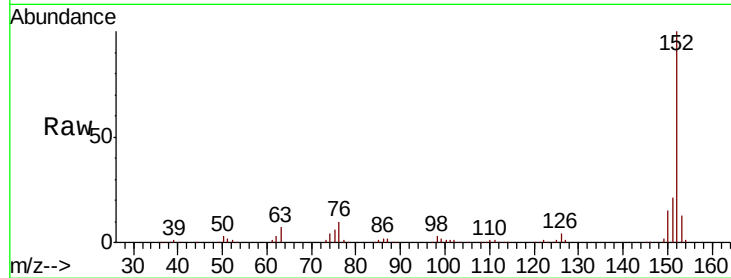
Tot Ion:152 Resp: 431635

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

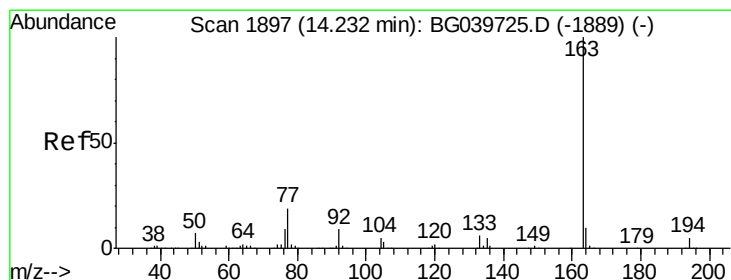
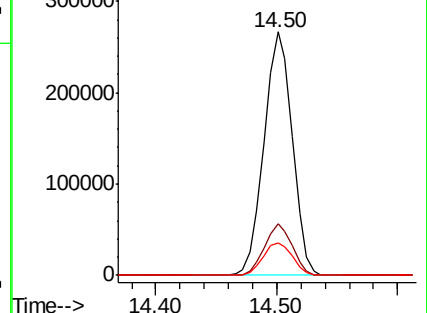
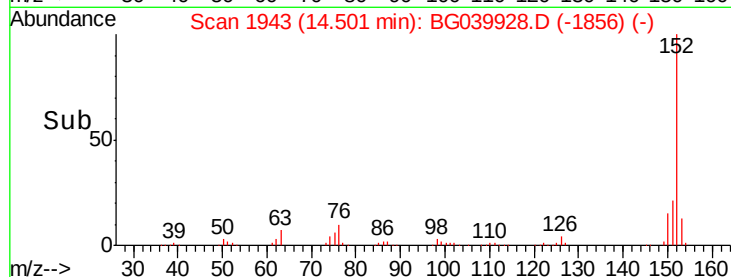
153 13.4 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.039 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

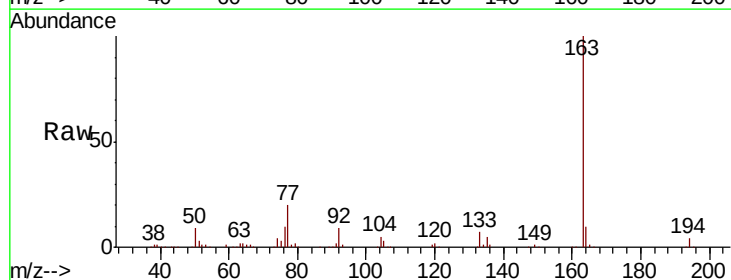
Tgt Ion:163 Resp: 365406

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

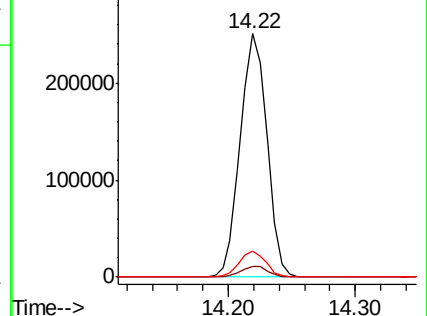
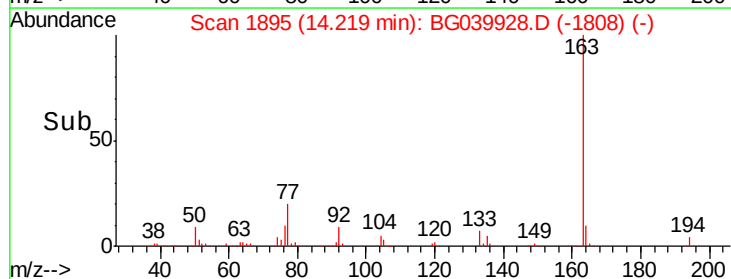
164 10.5 8.4 12.6

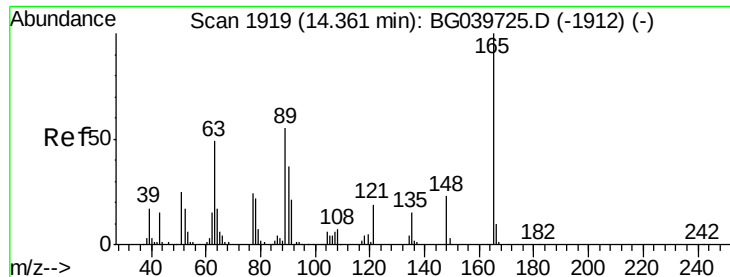


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

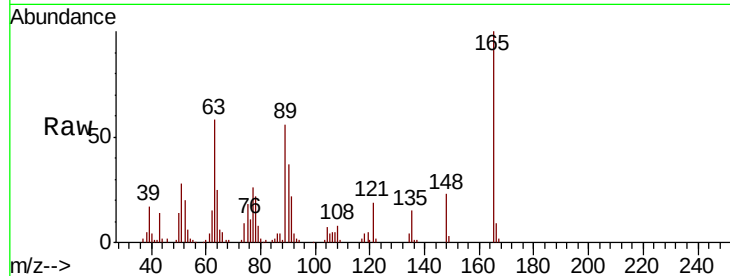




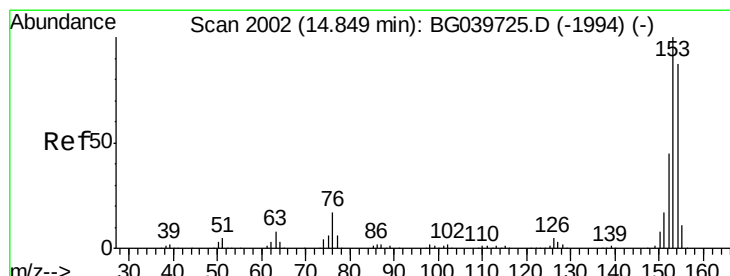
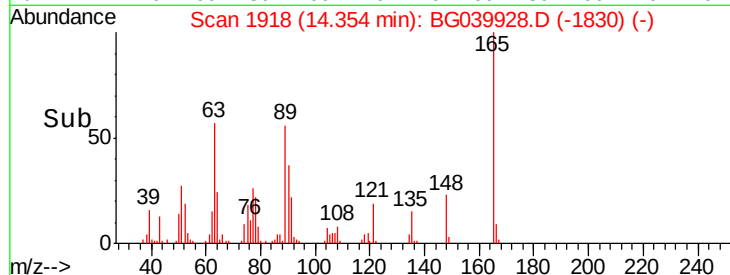
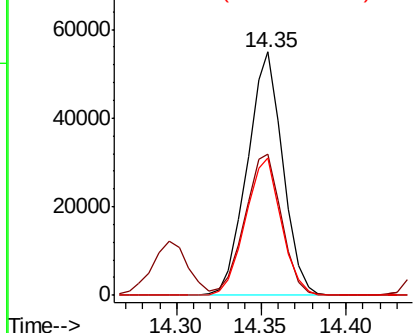
#51
 2,6-Dinitrotoluene
 Concen: 44.562 ng
 RT: 14.35 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

Tot Ion:165 Resp: 80207
 Ion Ratio Lower Upper
 165 100
 63 57.9 47.0 70.6
 89 56.5 45.8 68.8

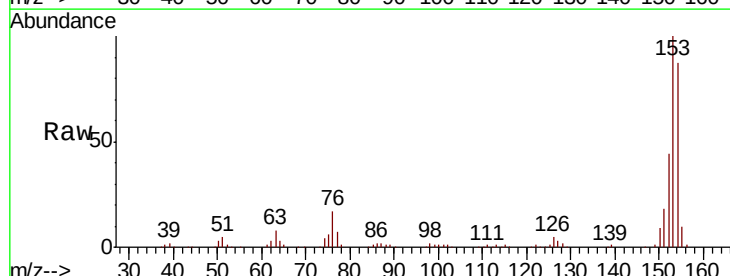


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

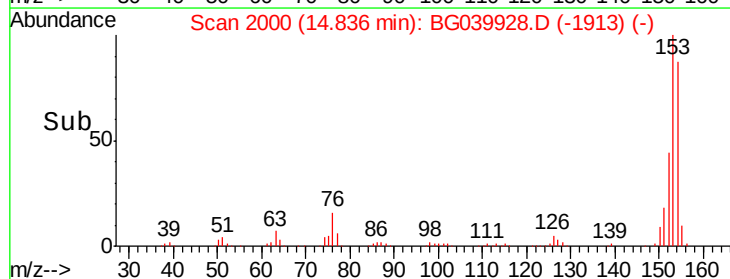
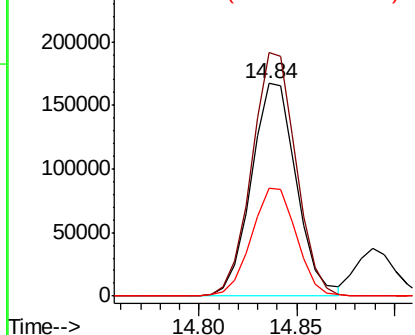


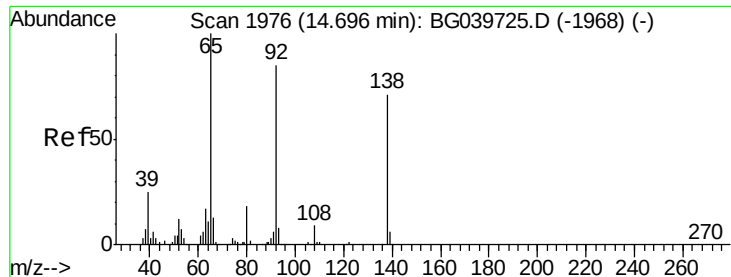
#52
 Acenaphthene
 Concen: 43.049 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion:154 Resp: 267217
 Ion Ratio Lower Upper
 154 100
 153 114.6 90.1 135.1
 152 50.9 40.9 61.3



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





#53

3-Nitroaniline

Concen: 28.478 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

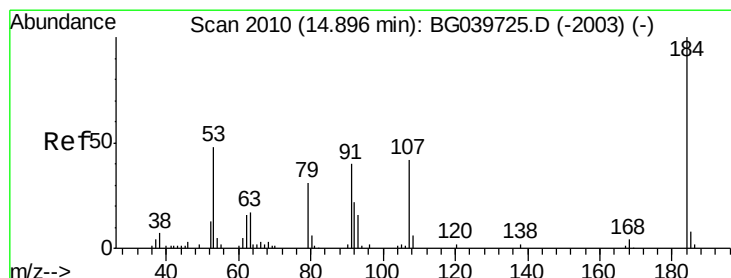
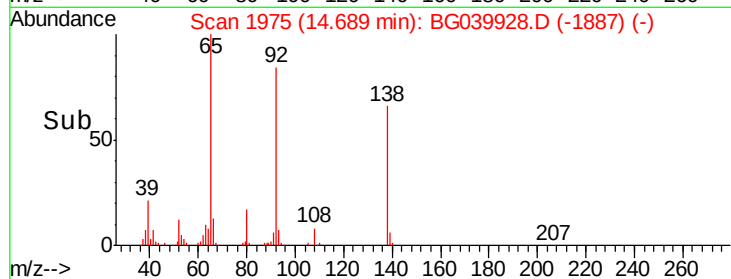
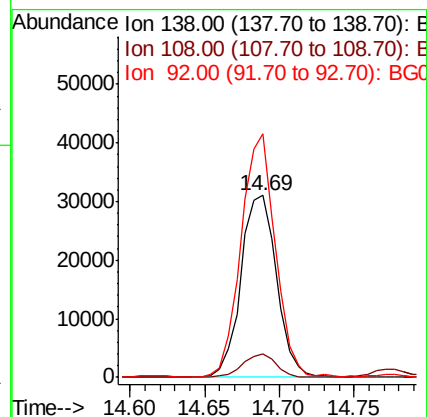
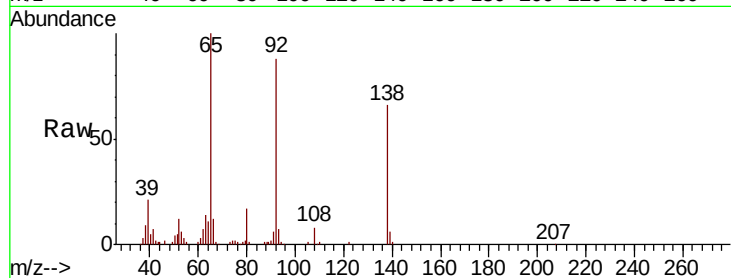
Tot Ion:138 Resp: 51525

Ion Ratio Lower Upper

138 100

108 12.9 13.8 20.8#

92 133.7 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 77.612 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

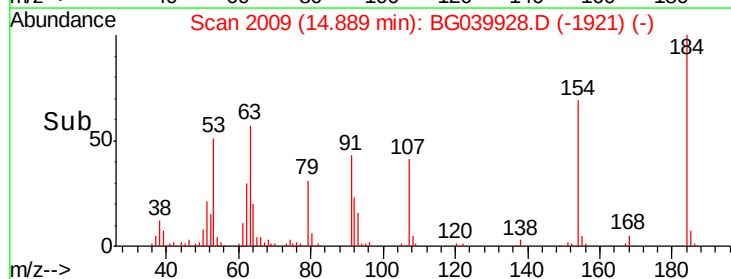
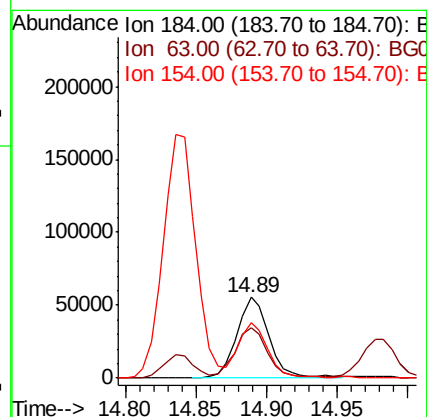
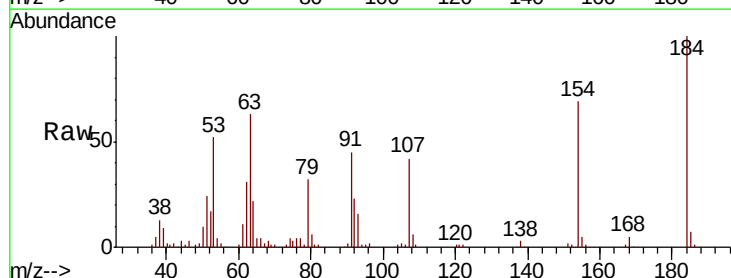
Tgt Ion:184 Resp: 87904

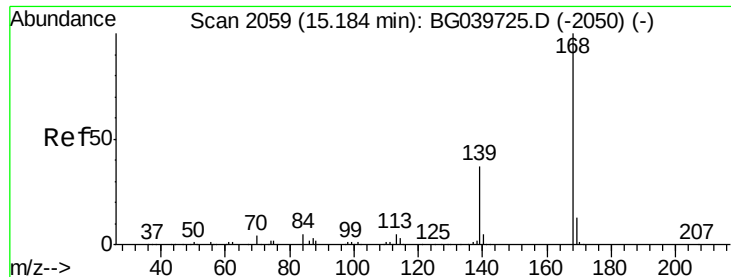
Ion Ratio Lower Upper

184 100

63 62.5 50.9 76.3

154 68.8 53.0 79.6





#55

Dibenzofuran

Concen: 42.226 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

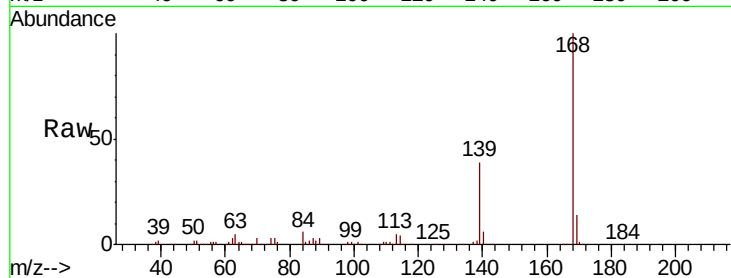
Tot Ion:168 Resp: 430044

Ion Ratio Lower Upper

168 100

139 39.1 30.1 45.1

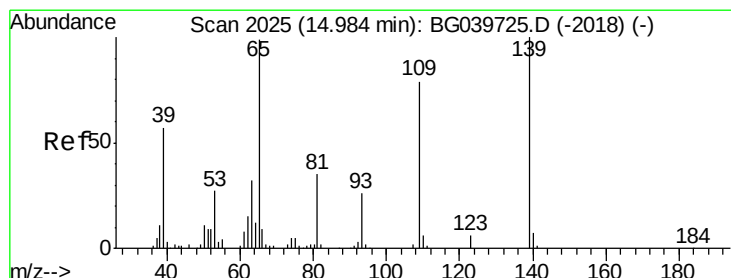
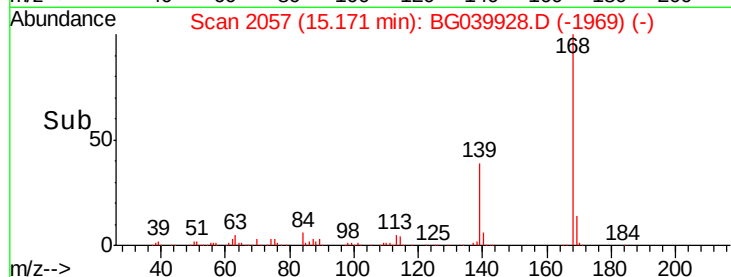
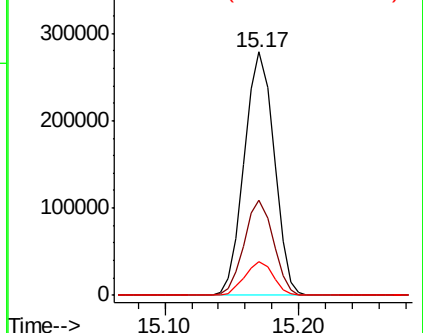
169 13.9 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.742 ng

RT: 14.98 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

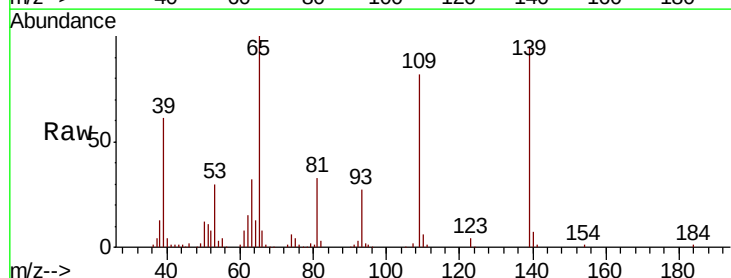
Tgt Ion:139 Resp: 133918

Ion Ratio Lower Upper

139 100

109 86.5 61.9 101.9

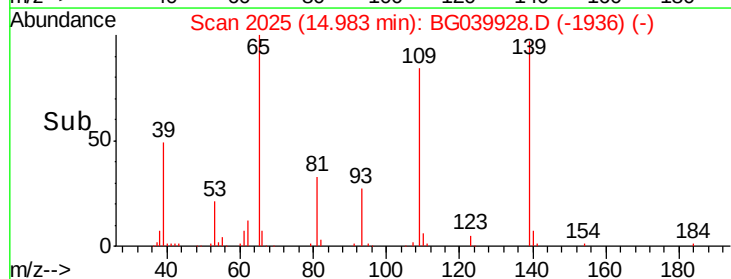
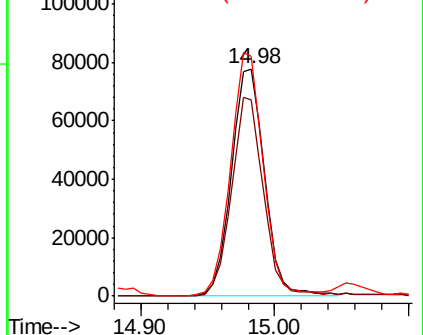
65 105.7 99.1 139.1

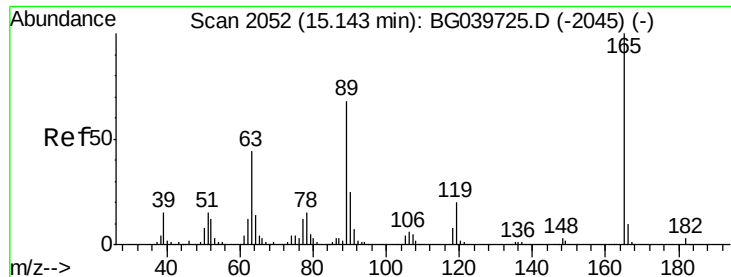


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

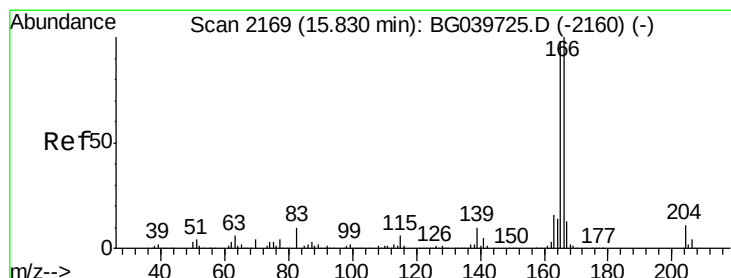
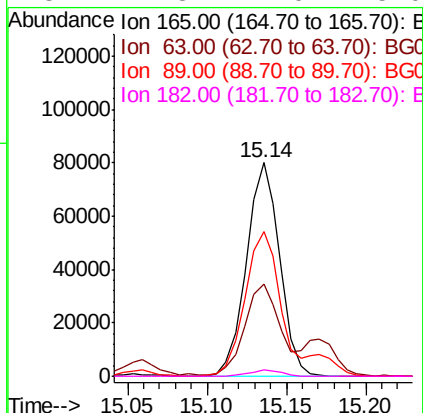
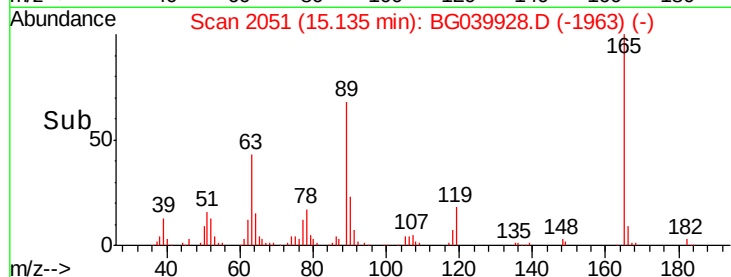
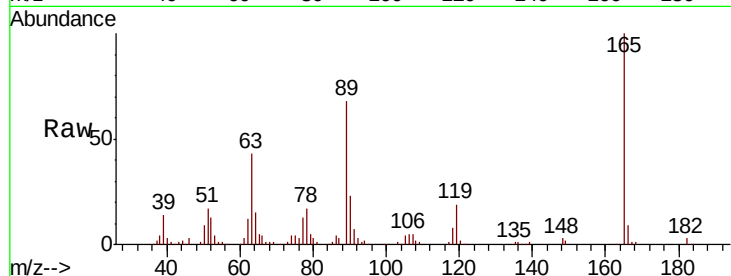




#57
 2,4-Dinitrotoluene
 Concen: 45.948 ng
 RT: 15.14 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

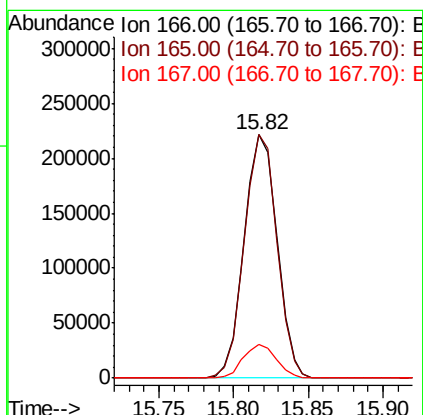
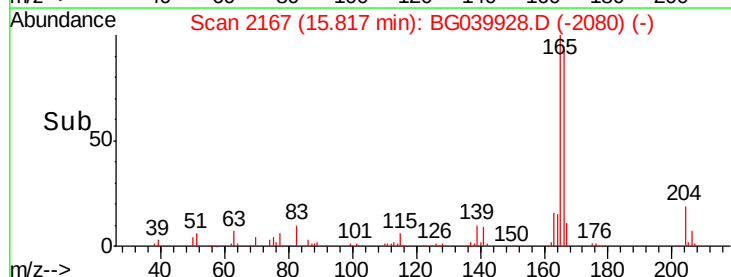
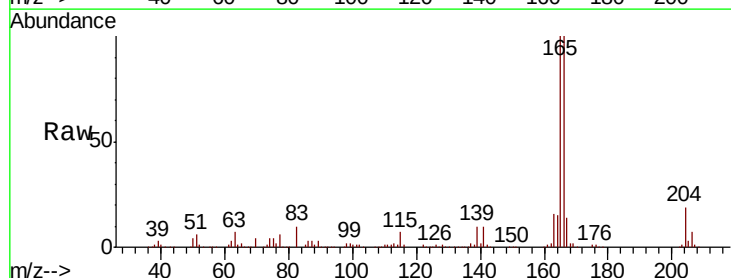
Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

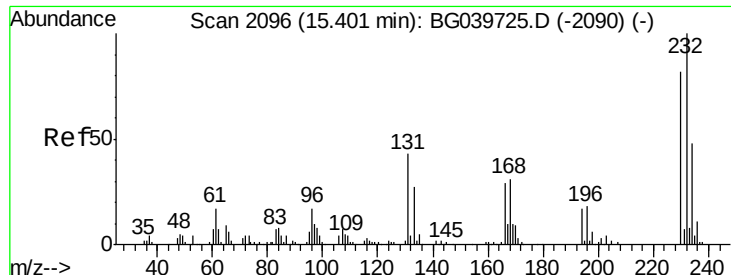
Tot Ion:	165	Resp:	116204
Ion	Ratio	Lower	Upper
165	100		
63	43.3	41.0	61.6
89	68.0	64.6	96.8
182	2.8	2.0	3.0



#58
 Fluorene
 Concen: 42.278 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion:	166	Resp:	338484
Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.9	116.9
167	13.8	10.8	16.2

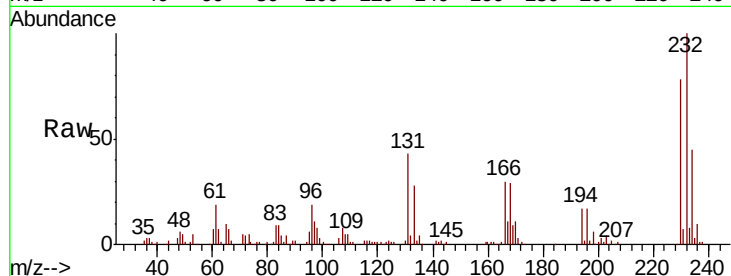




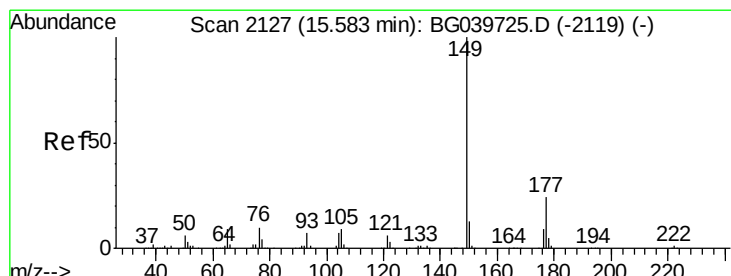
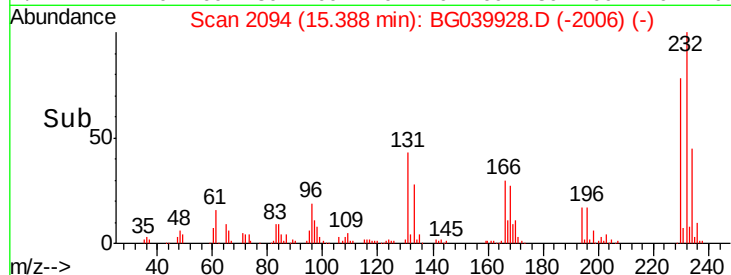
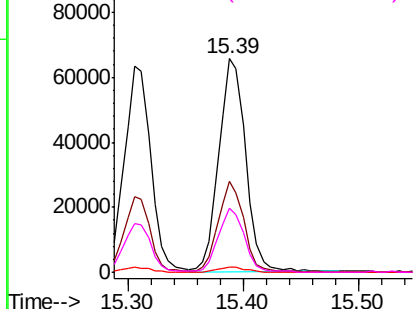
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.472 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117835BS

Tot Ion:232	Resp:	105239	
Ion Ratio	Lower	Upper	
232 100			
131 40.1	34.9	52.3	
130 2.5	2.0	3.0	
166 29.6	24.1	36.1	

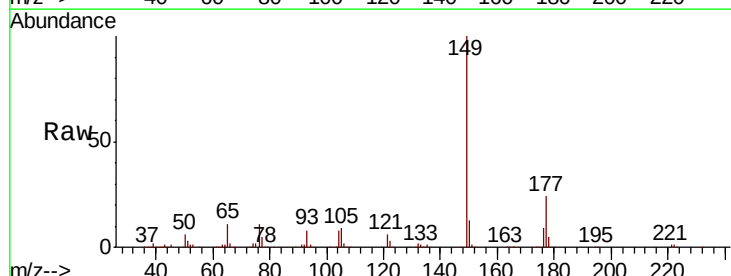


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

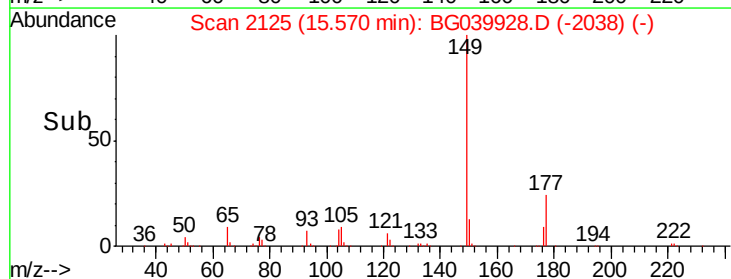
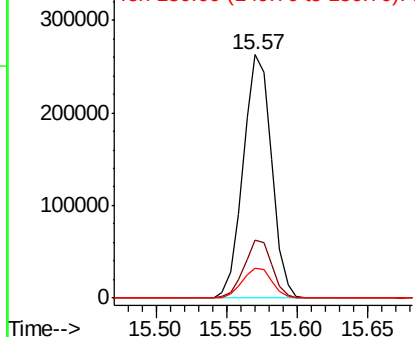


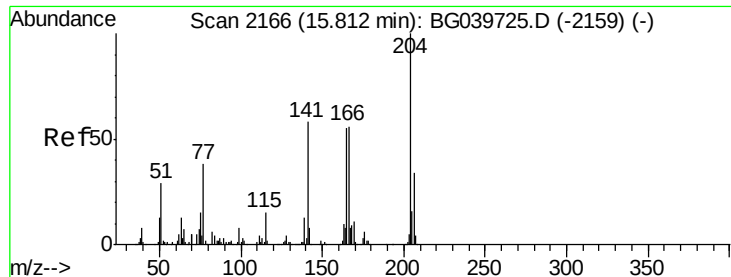
#60
 Diethylphthalate
 Concen: 43.956 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039928.D
 Acq: 14 Mar 2019 17:02

Tgt Ion	Ion:149	Resp:	369439
	Ratio	Lower	Upper
149	100		
177	23.9	18.3	27.5
150	12.5	10.2	15.2



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





#61

4-Chlorophenyl-phenylether

Concen: 42.640 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

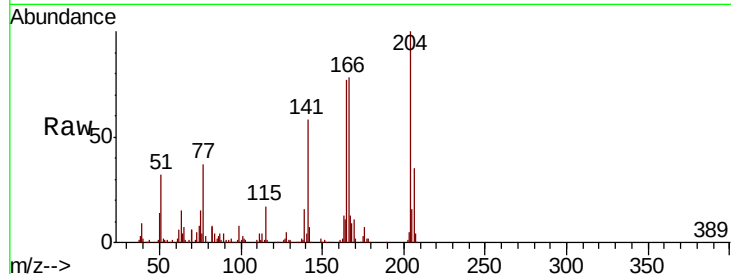
Tot Ion:204 Resp: 182171

Ion Ratio Lower Upper

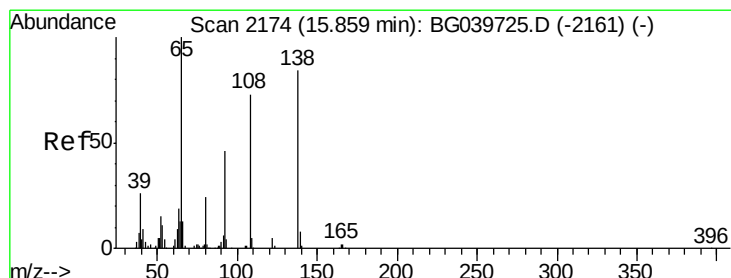
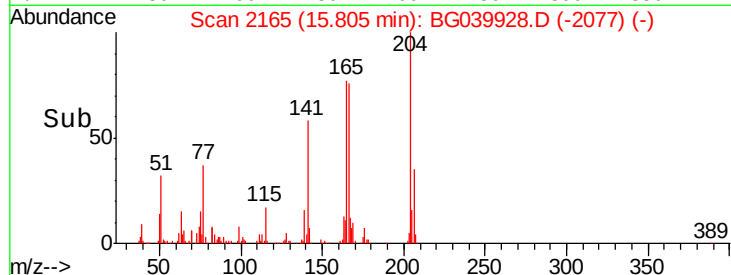
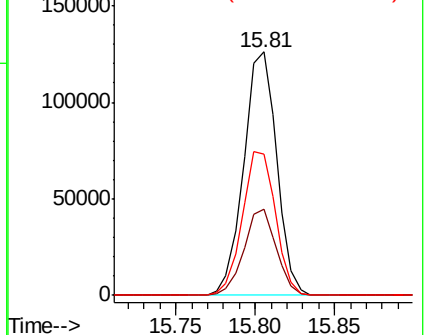
204 100

206 35.5 29.2 43.8

141 58.1 49.0 73.4



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



#62

4-Nitroaniline

Concen: 44.217 ng

RT: 15.85 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

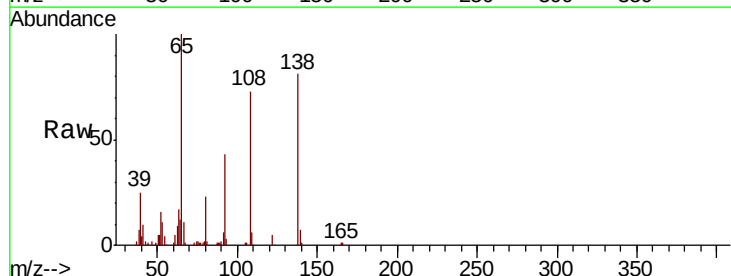
Tgt Ion:138 Resp: 86730

Ion Ratio Lower Upper

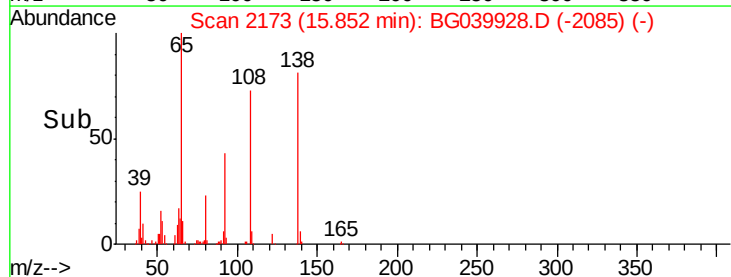
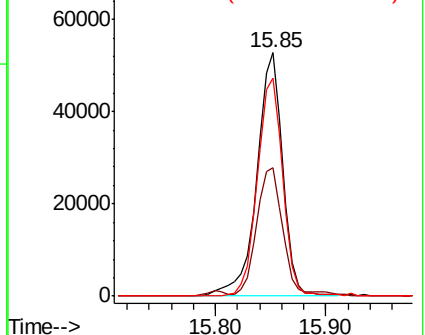
138 100

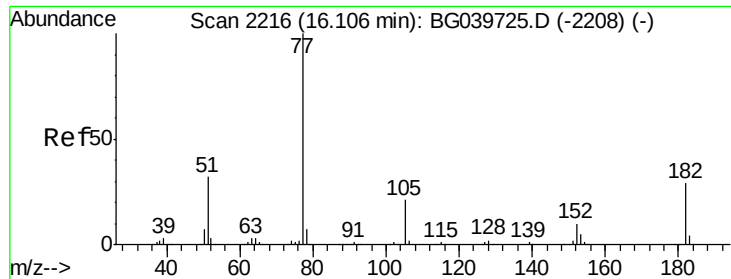
92 53.0 38.7 78.7

108 89.7 74.6 114.6



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

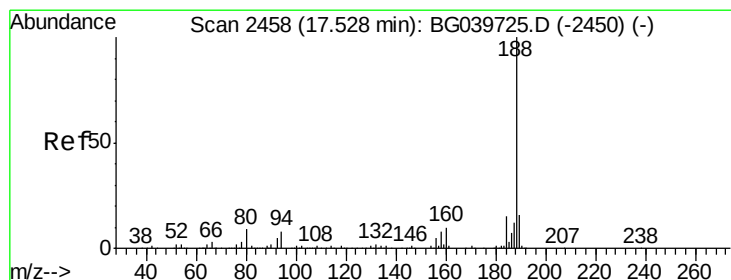
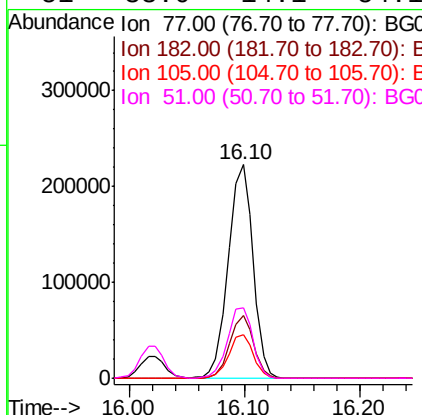
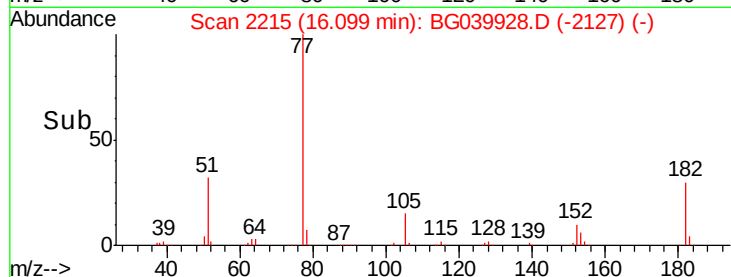
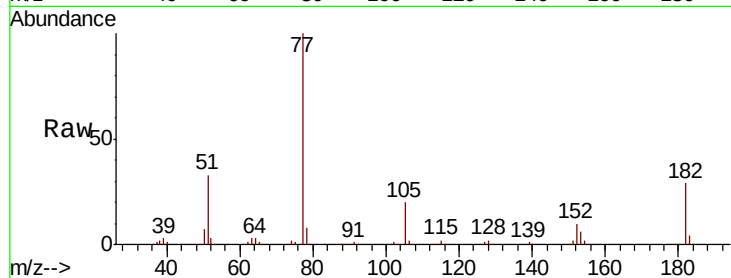




#63
Azobenzene
Concen: 43.492 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

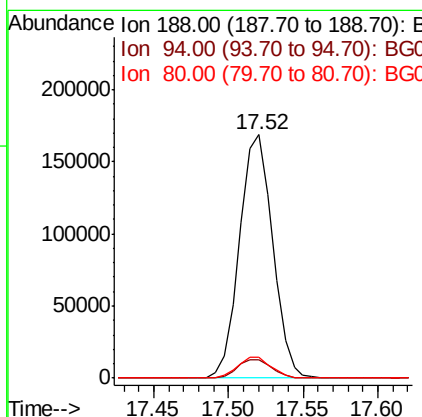
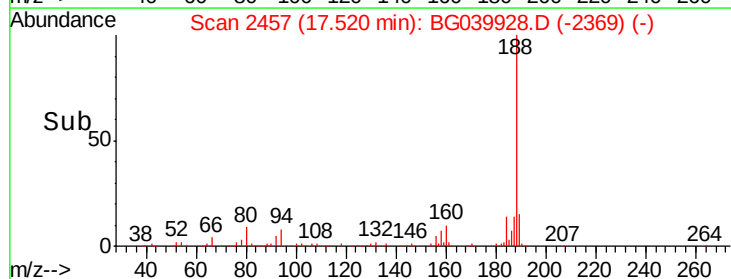
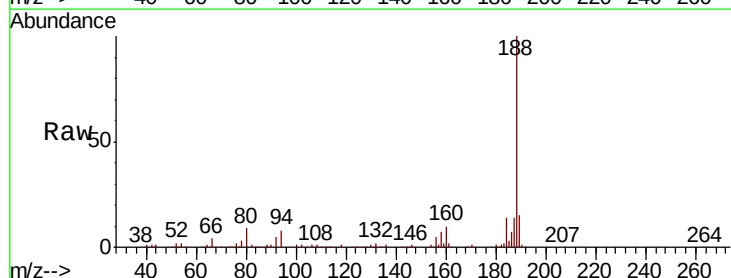
Instrument :
BNA_G
ClientSampleId :
PB117835BS

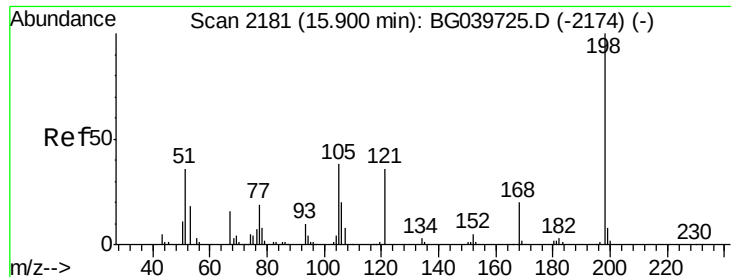
Tot Ion: 77 Resp: 331350
Ion Ratio Lower Upper
77 100
182 29.1 6.4 46.4
105 20.4 0.0 39.8
51 33.0 14.1 54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion: 188 Resp: 260067
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.6 8.1 12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.488 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

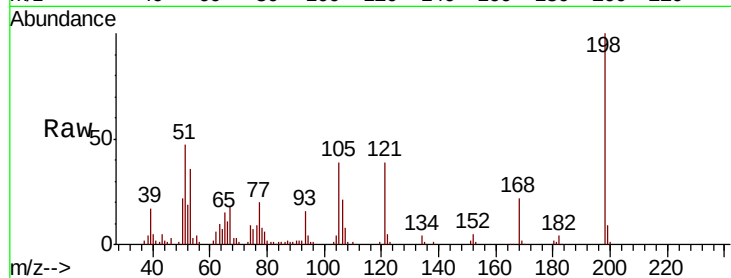
BNA_G

ClientSampled :

PB117835BS

Tot Ion:198 Resp: 63795

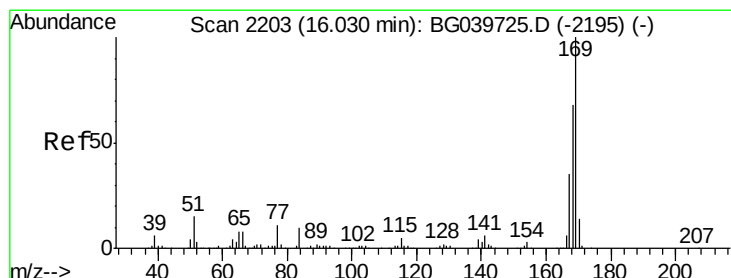
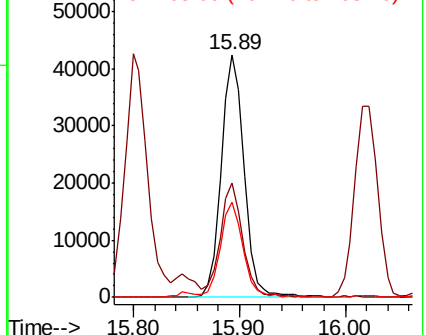
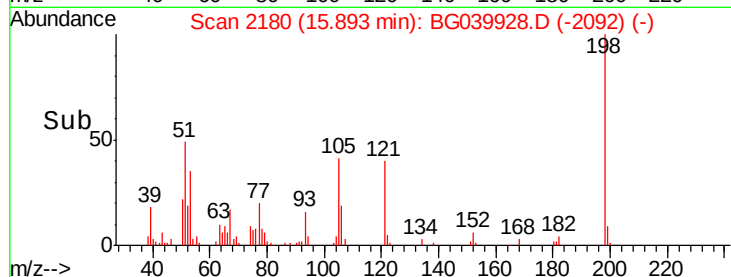
Ion	Ratio	Lower	Upper
198	100		
51	47.3	27.4	67.4
105	39.1	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039928.D (-2092) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.284 ng

RT: 16.02 min Scan# 2202

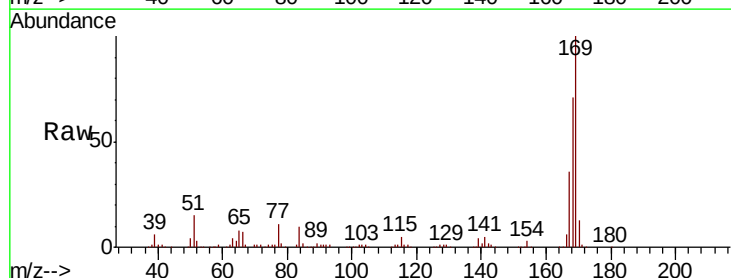
Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Tgt Ion:169 Resp: 318356

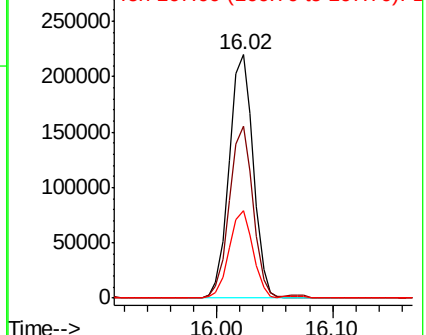
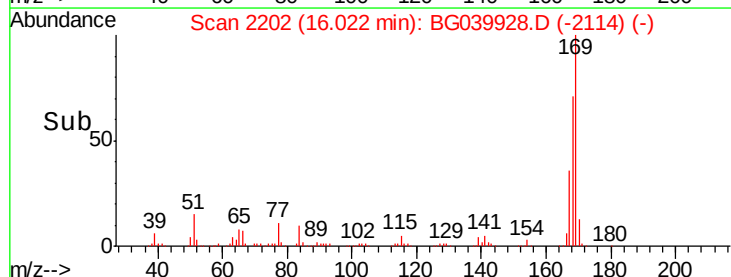
Ion	Ratio	Lower	Upper
169	100		
168	70.6	56.6	85.0
167	35.9	28.8	43.2

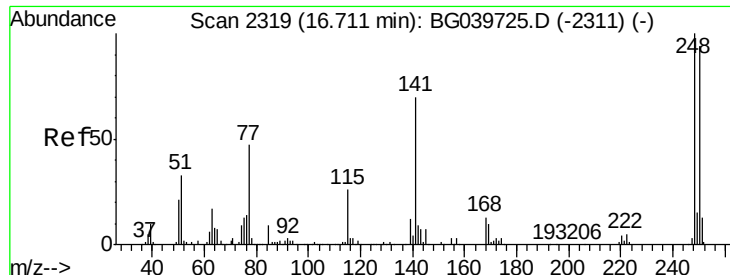


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

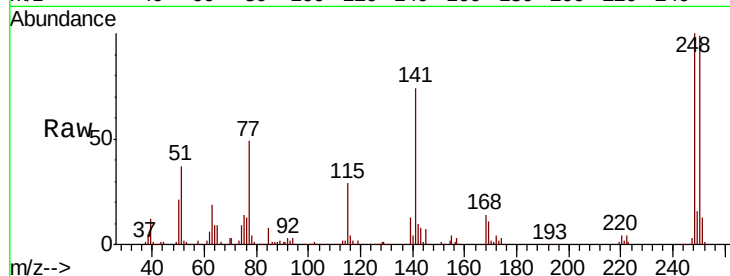




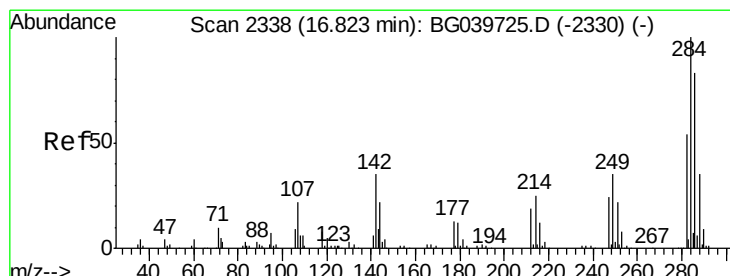
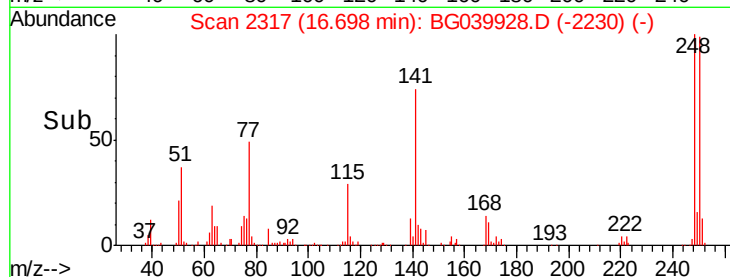
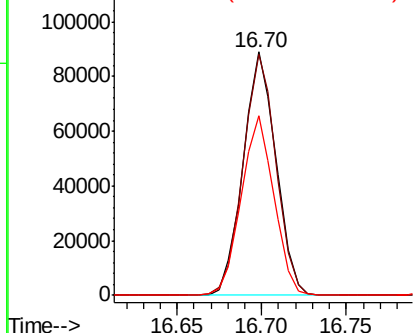
#67
4-Bromophenyl-phenylether
Concen: 41.476 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion:248 Resp: 120739
Ion Ratio Lower Upper
248 100
250 98.8 77.6 116.4
141 74.0 63.9 95.9

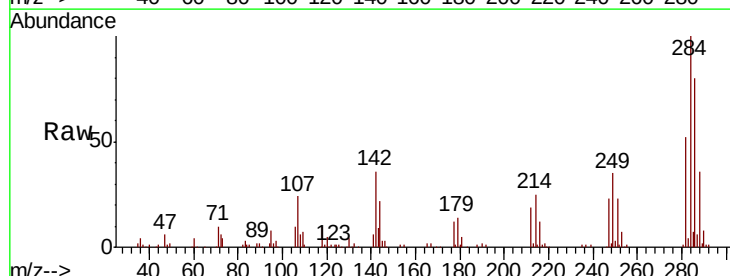


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

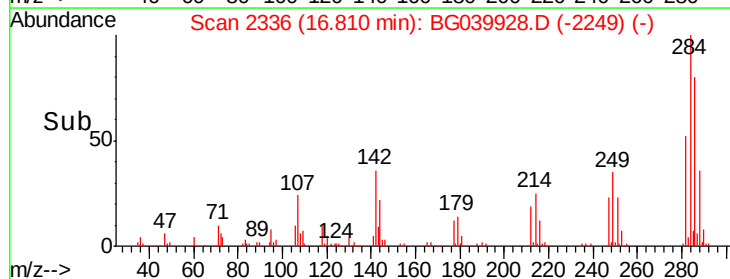
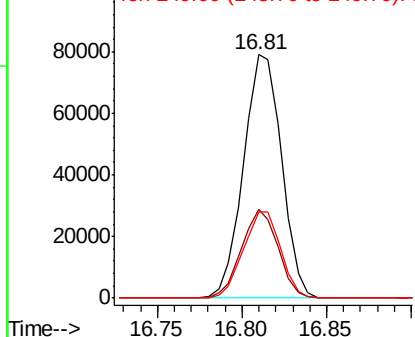


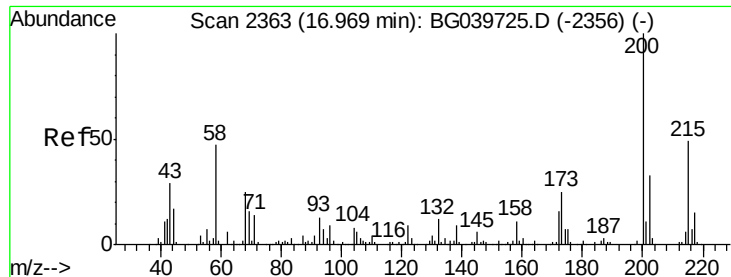
#68
Hexachlorobenzene
Concen: 41.049 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion:284 Resp: 123864
Ion Ratio Lower Upper
284 100
142 36.2 30.6 45.8
249 35.3 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.668 ng

RT: 16.96 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

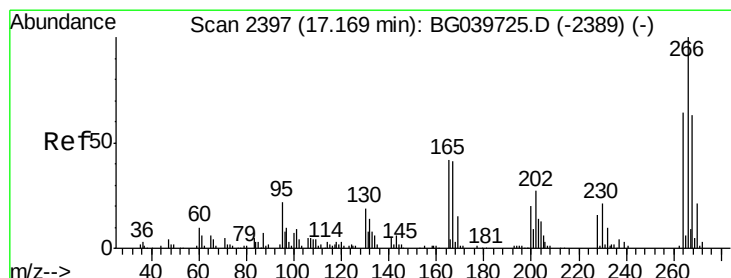
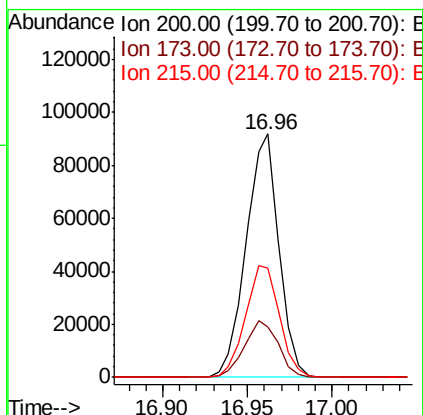
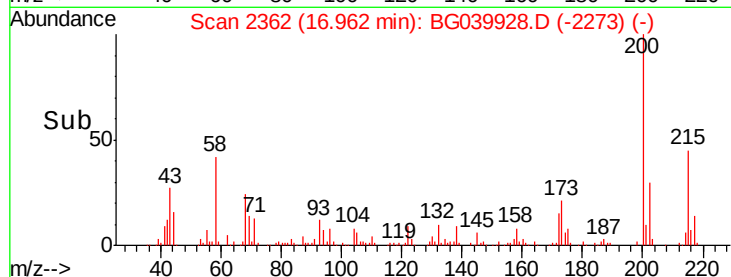
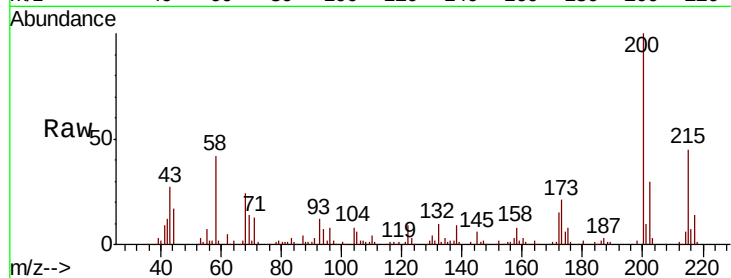
Tot Ion:200 Resp: 123467

Ion Ratio Lower Upper

200 100

173 20.7 3.9 43.9

215 44.8 30.9 70.9



#70

Pentachlorophenol

Concen: 77.751 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

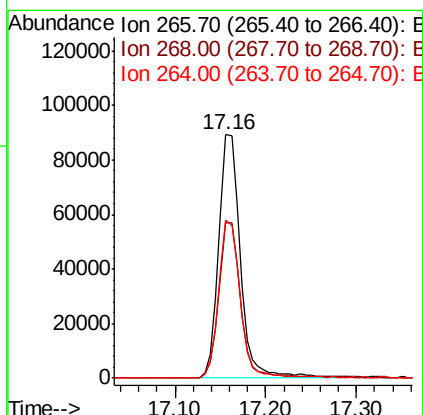
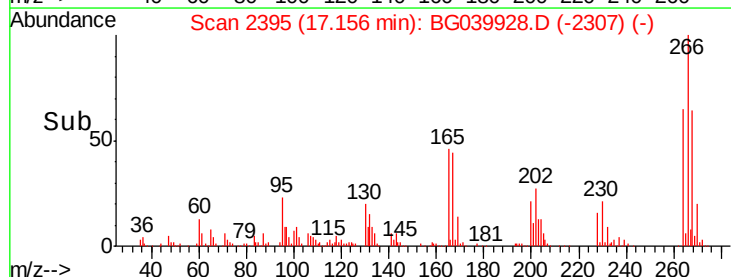
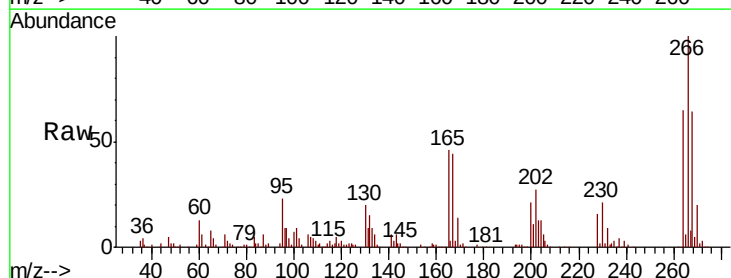
Tgt Ion:266 Resp: 148170

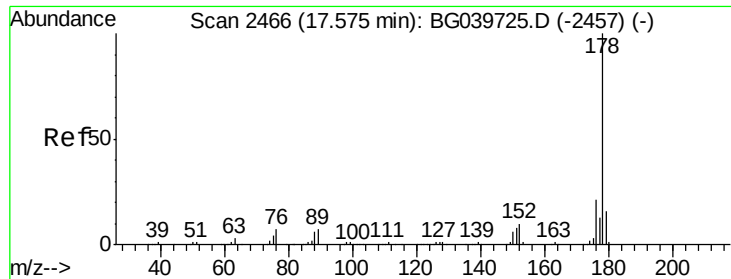
Ion Ratio Lower Upper

266 100

268 63.8 51.1 76.7

264 64.7 52.1 78.1

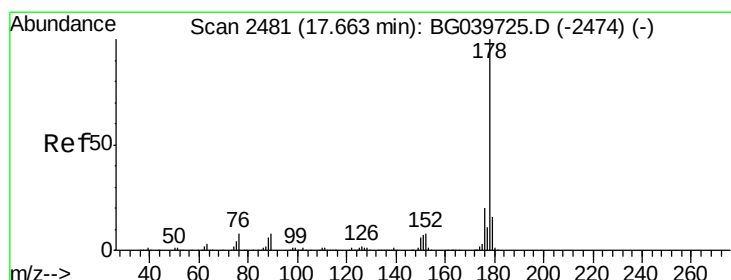
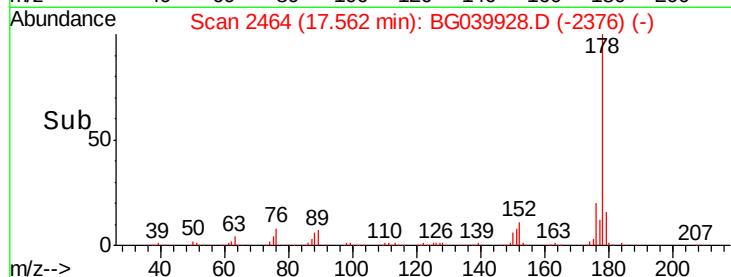
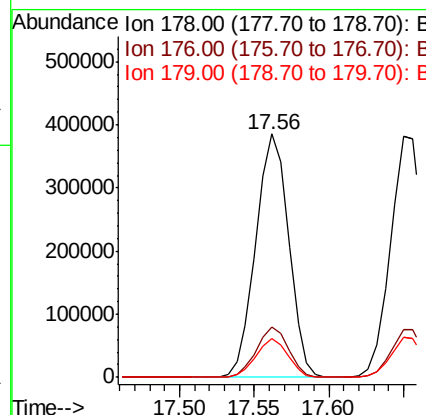
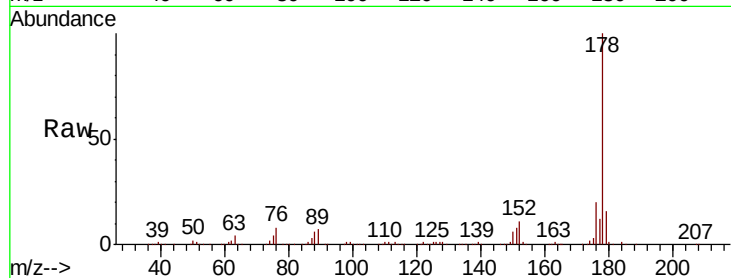




#71
Phenanthrene
Concen: 40.996 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

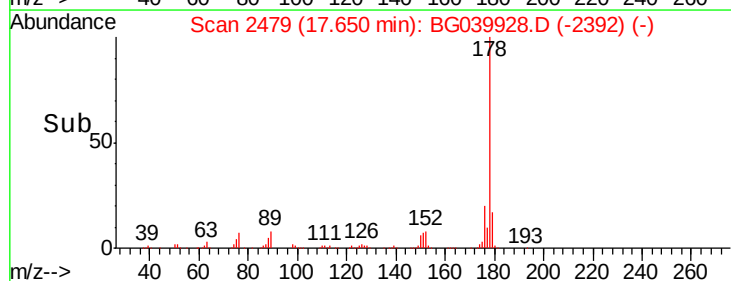
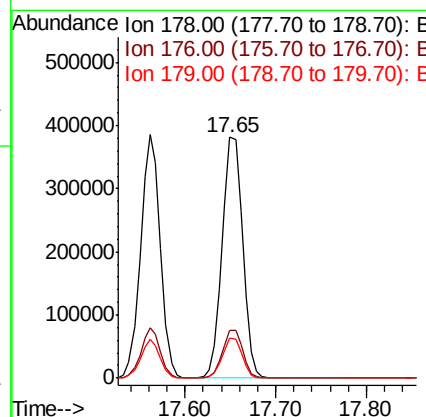
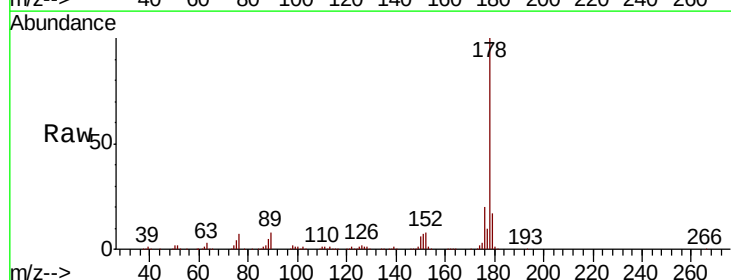
Instrument :
BNA_G
ClientSampleId :
PB117835BS

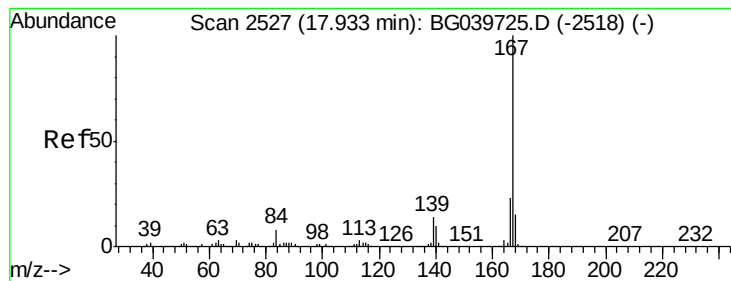
Tot Ion:178 Resp: 587261
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.0 12.6 19.0



#72
Anthracene
Concen: 42.794 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion:178 Resp: 597377
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.9 12.5 18.7





#73

Carbazole

Concen: 42.643 ng

RT: 17.93 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

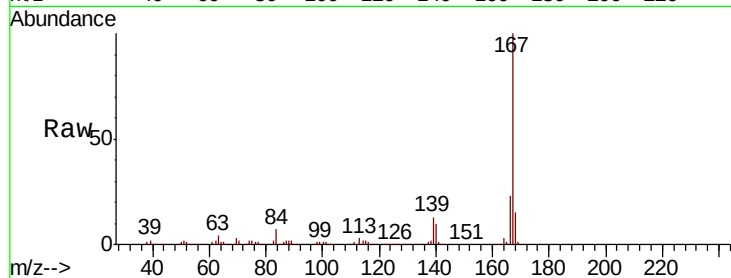
Tot Ion:167 Resp: 536643

Ion Ratio Lower Upper

167 100

166 22.8 19.4 29.2

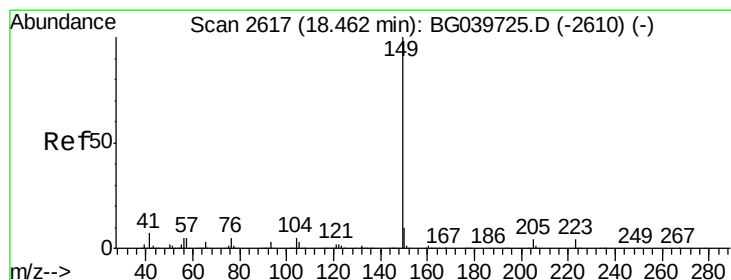
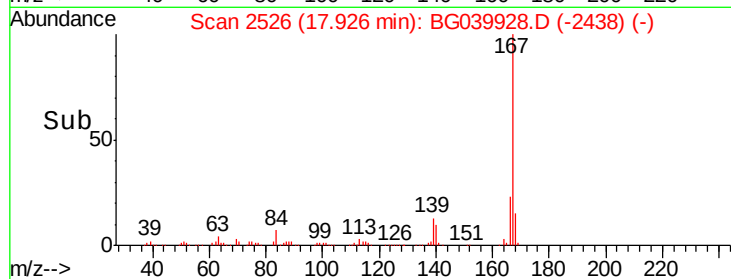
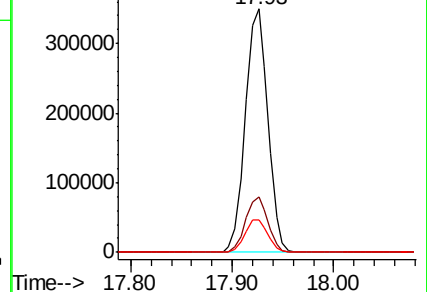
139 13.4 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.974 ng

RT: 18.45 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

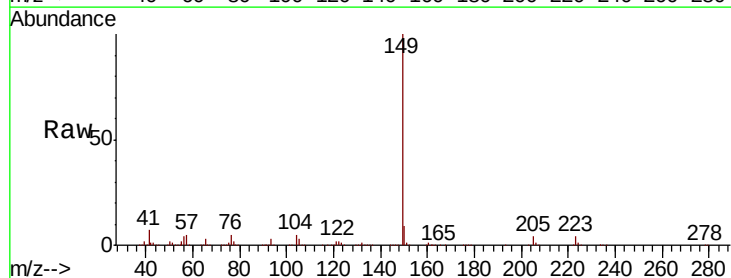
Tgt Ion:149 Resp: 651103

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

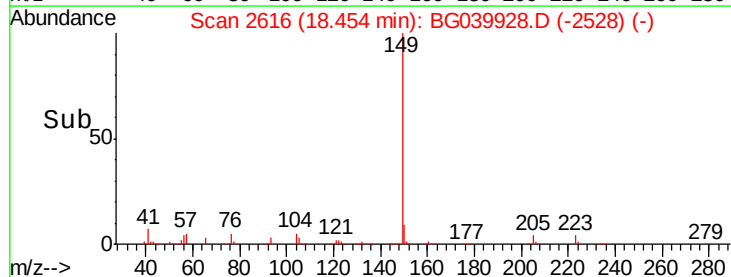
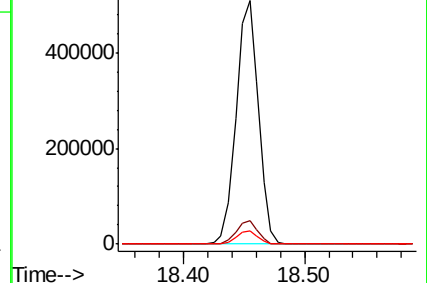
104 5.4 4.5 6.7

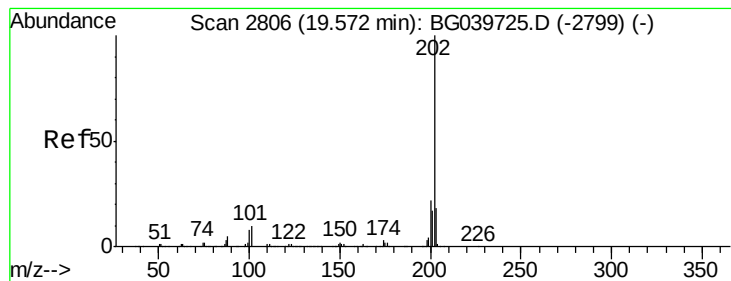


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.839 ng

RT: 19.56 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

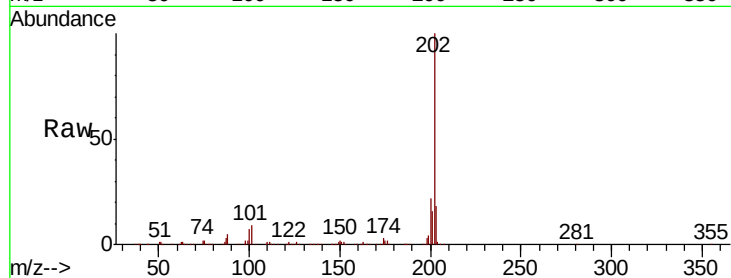
Tot Ion:202 Resp: 725239

Ion Ratio Lower Upper

202 100

101 8.7 0.0 30.0

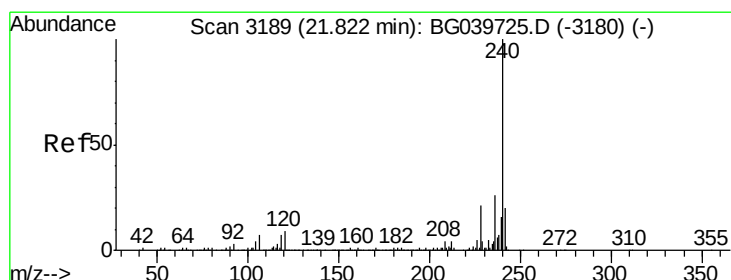
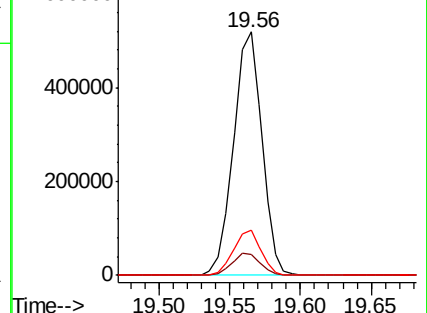
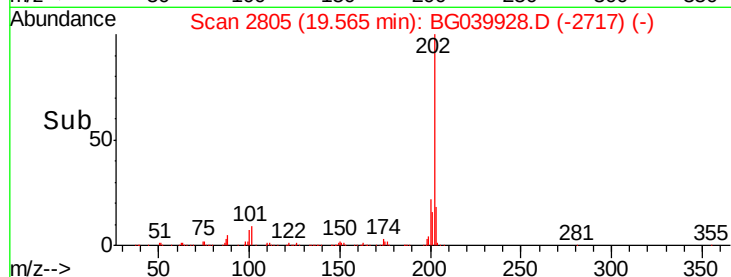
203 18.4 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

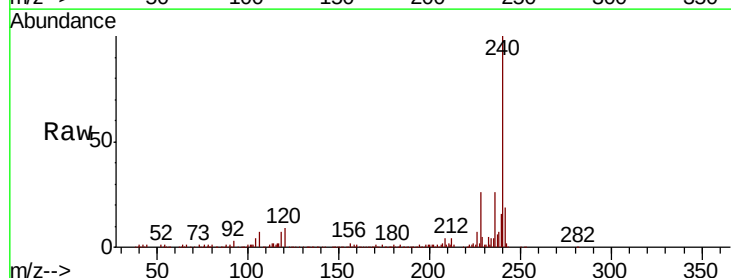
Tgt Ion:240 Resp: 272141

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

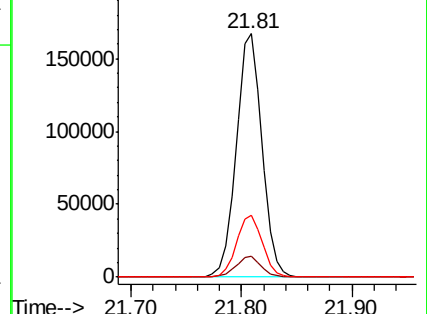
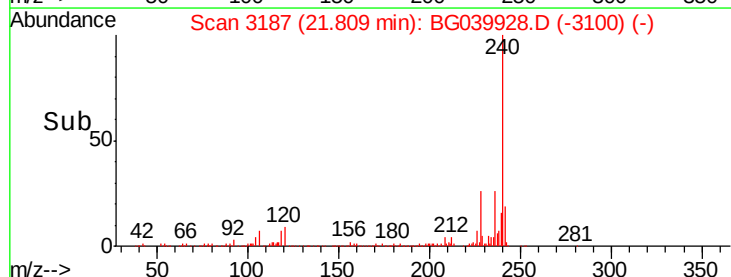
236 25.5 21.0 31.4

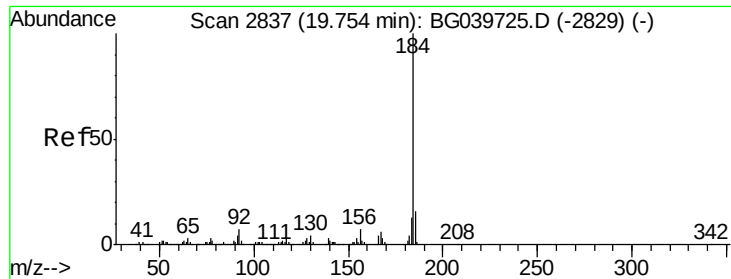


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.190 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

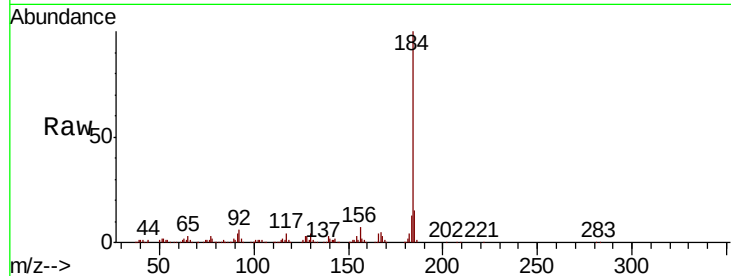
Tot Ion:184 Resp: 295260

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

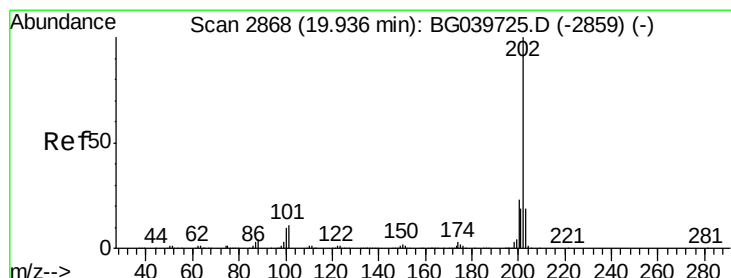
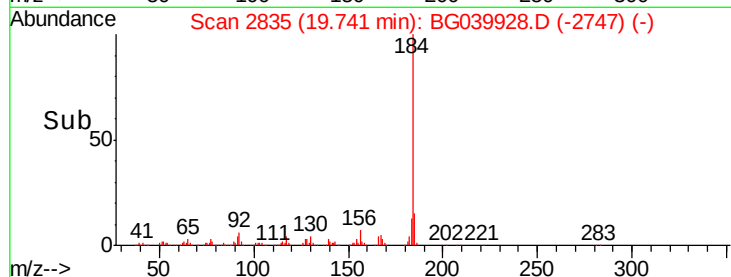
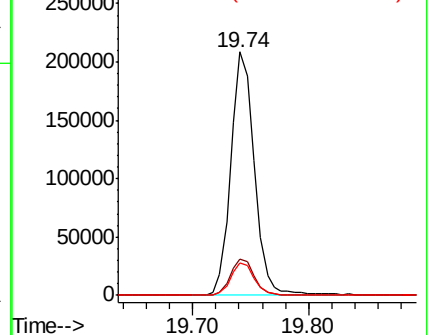
183 13.2 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.191 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

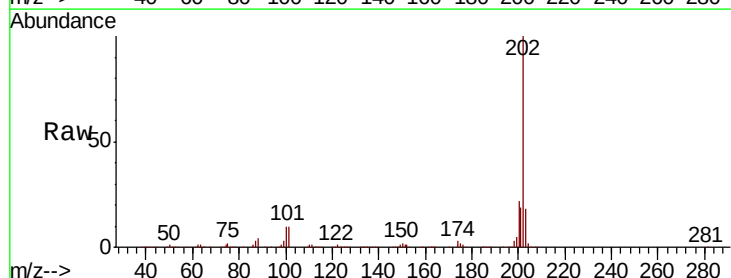
Tgt Ion:202 Resp: 728423

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.8

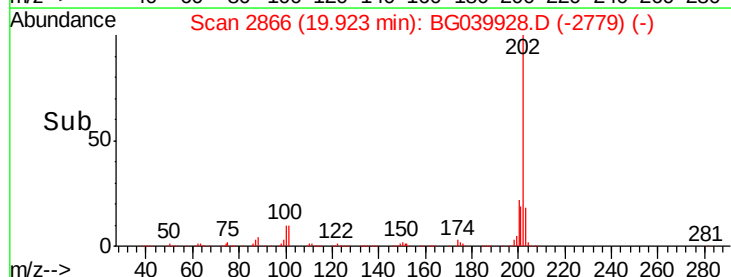
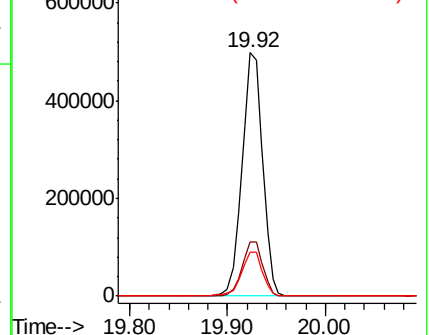
203 17.9 15.3 22.9

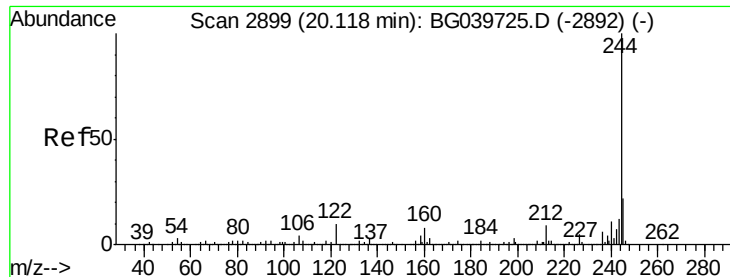


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.284 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

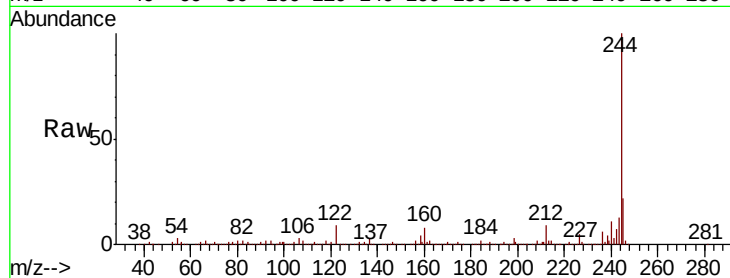
Tot Ion:244 Resp: 992307

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

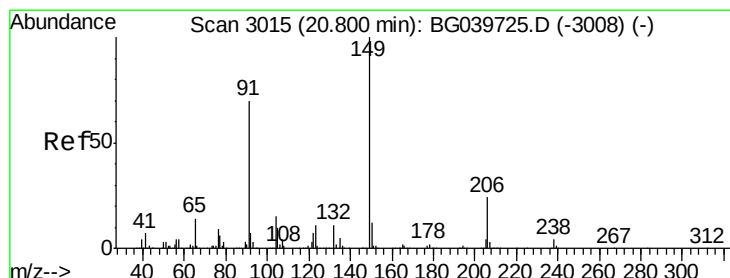
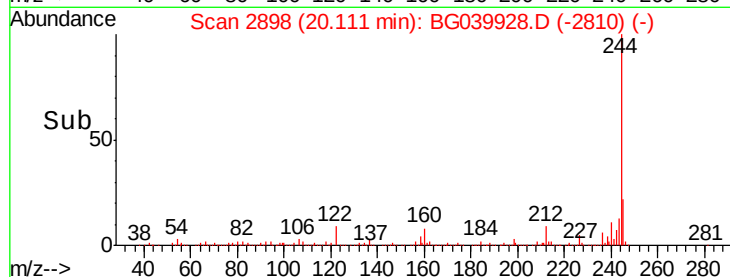
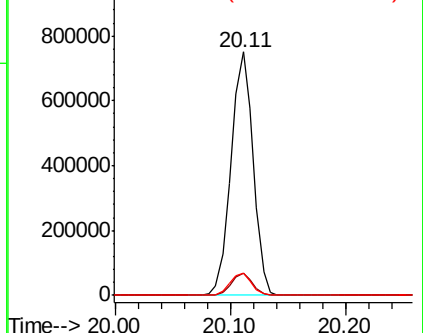
122 9.2 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.387 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

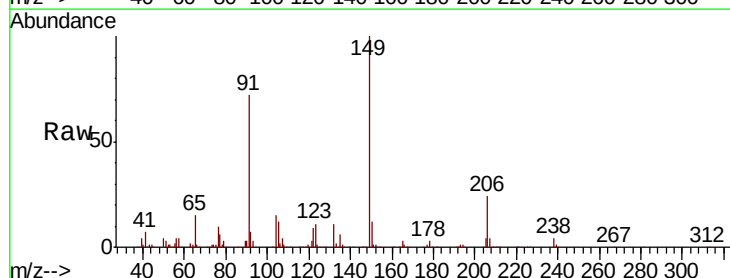
Tgt Ion:149 Resp: 304103

Ion Ratio Lower Upper

149 100

91 72.3 59.5 89.3

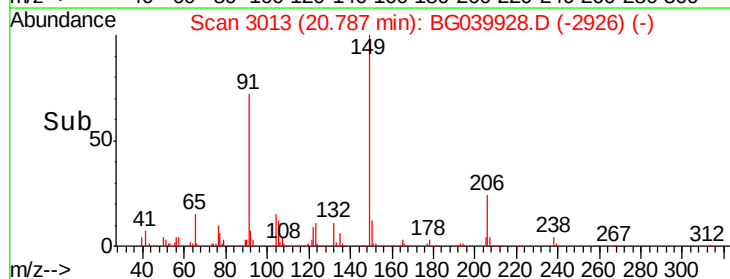
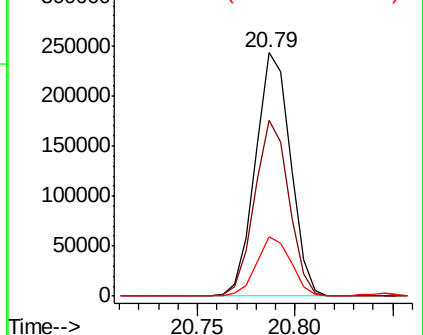
206 24.3 18.6 27.8

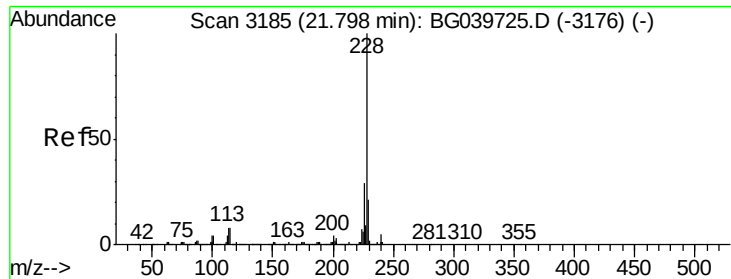


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.425 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

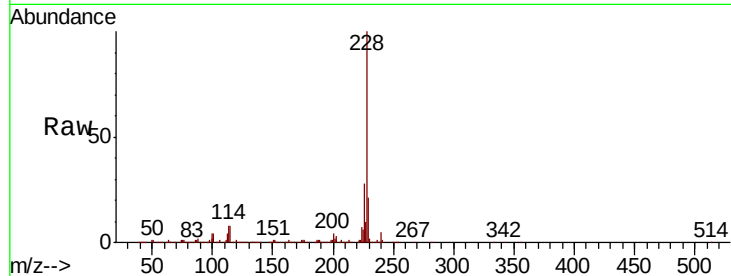
Tot Ion:228 Resp: 706537

Ion Ratio Lower Upper

228 100

226 28.4 23.0 34.6

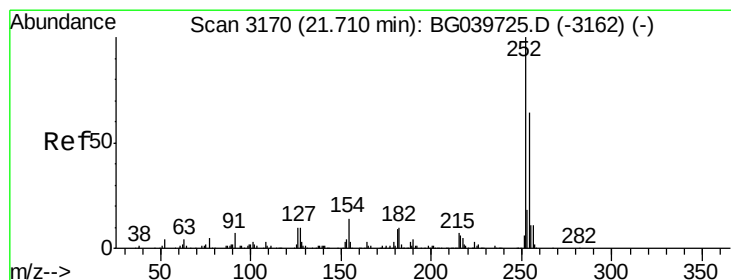
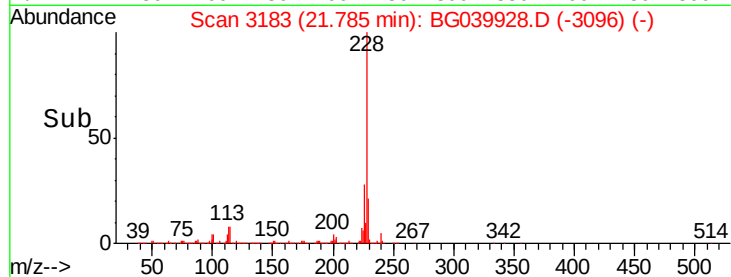
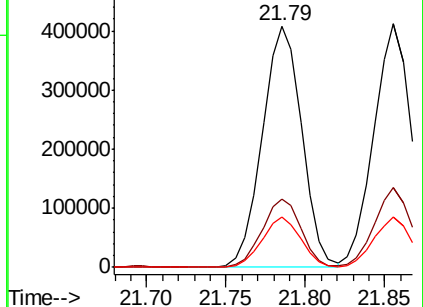
229 20.8 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.735 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

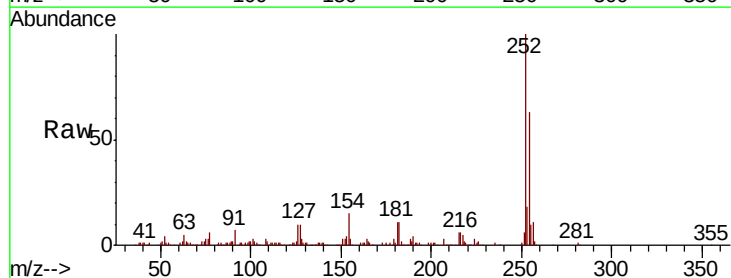
Tgt Ion:252 Resp: 160249

Ion Ratio Lower Upper

252 100

254 63.0 51.3 76.9

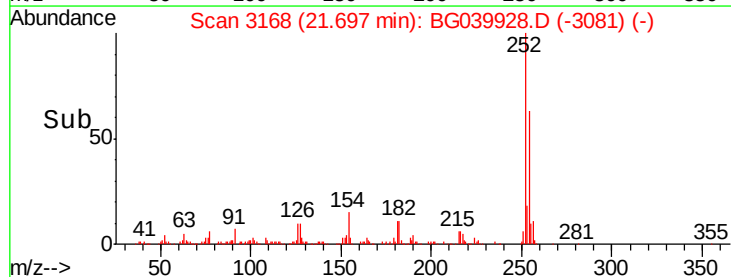
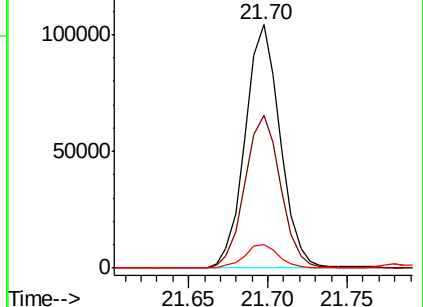
126 9.7 8.0 12.0

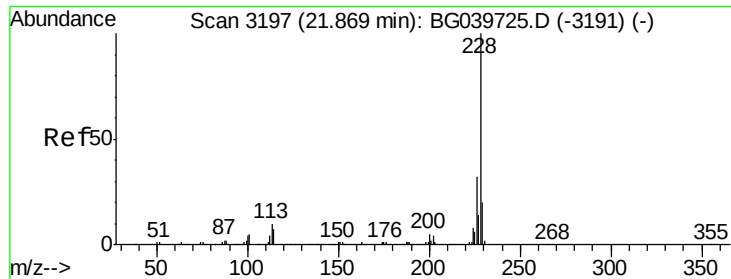


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.959 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

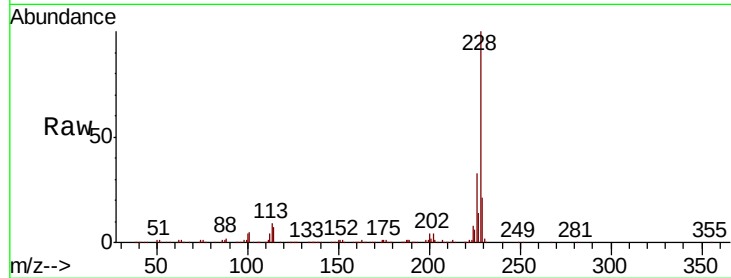
BNA_G

ClientSampleId :

PB117835BS

Tot Ion:228 Resp: 677256

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.8	38.6
229	20.8	16.6	25.0

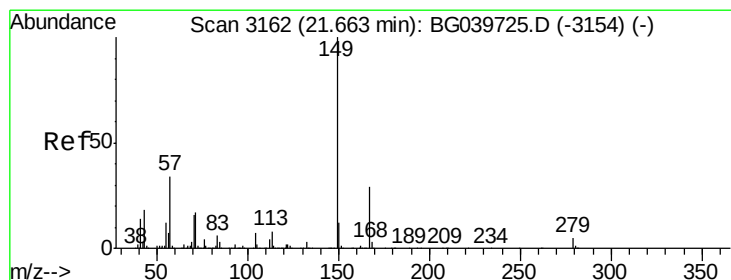
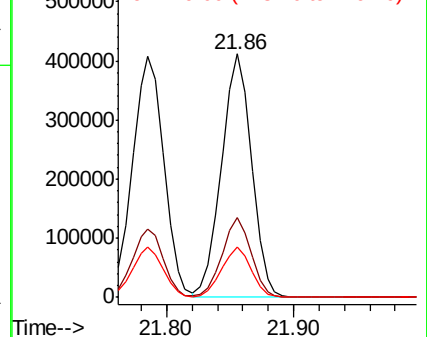
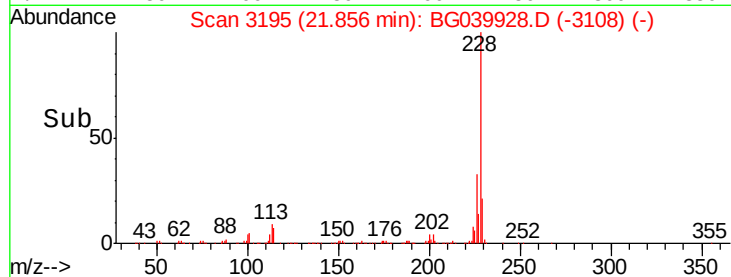


Abundance

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: 44.318 ng

RT: 21.65 min Scan# 3160

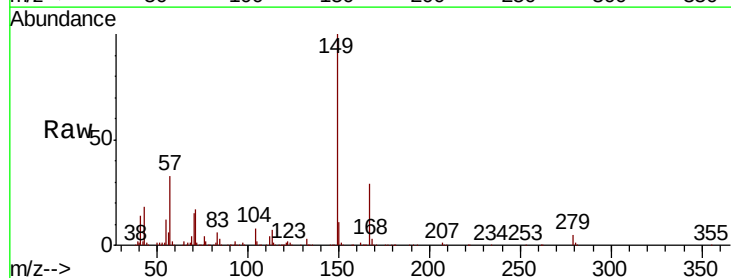
Delta R.T. -0.02 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Tgt Ion:149 Resp: 426678

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.6	34.0
279	5.2	3.5	5.3

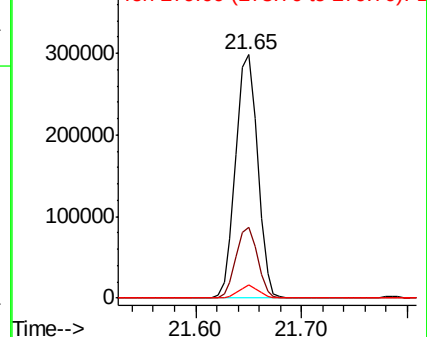
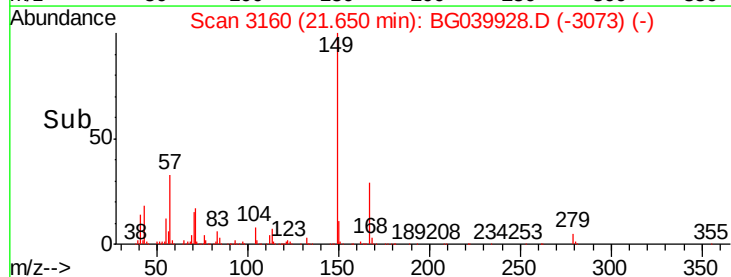


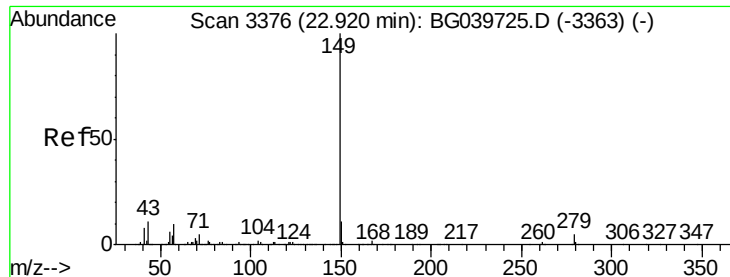
Abundance

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

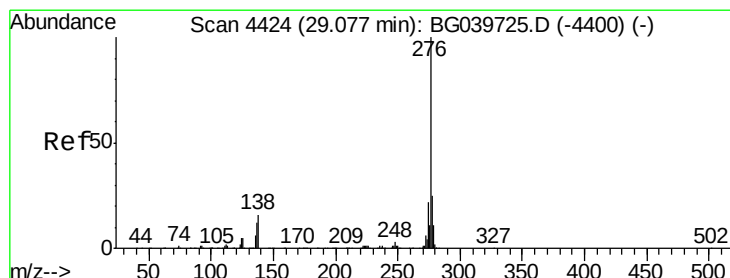
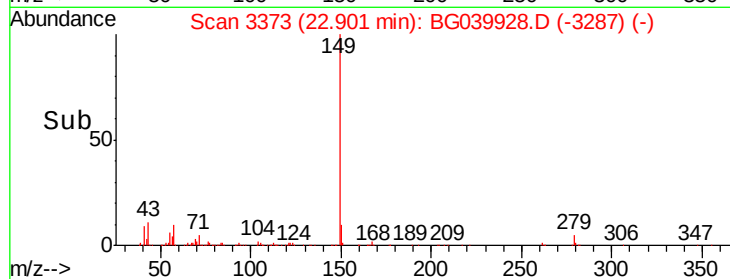
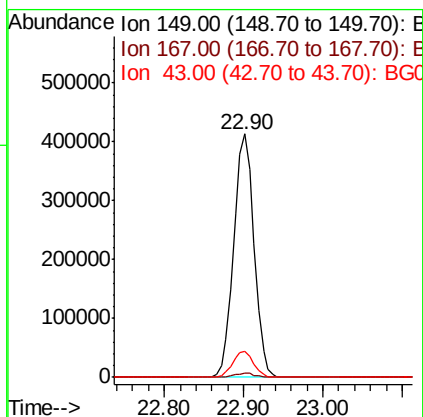
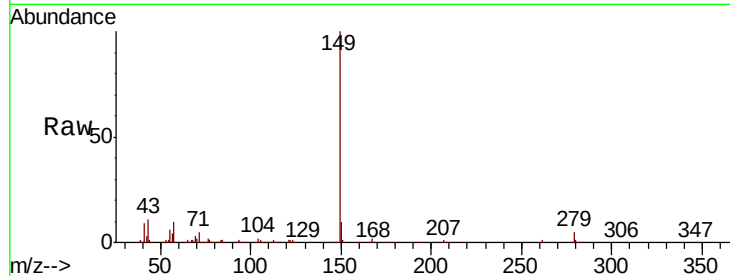




#85
Di-n-octyl phthalate
Concen: 45.946 ng
RT: 22.90 min Scan# 3373
Delta R.T. -0.03 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

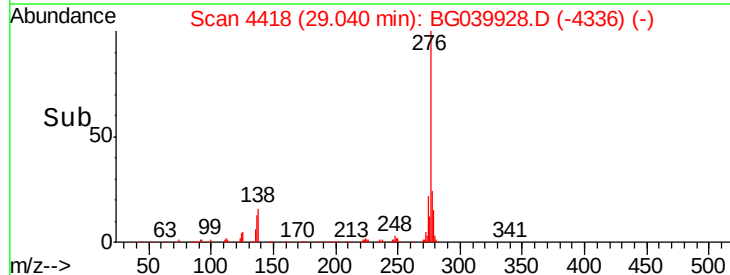
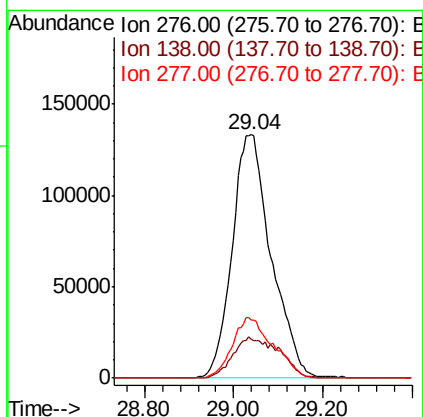
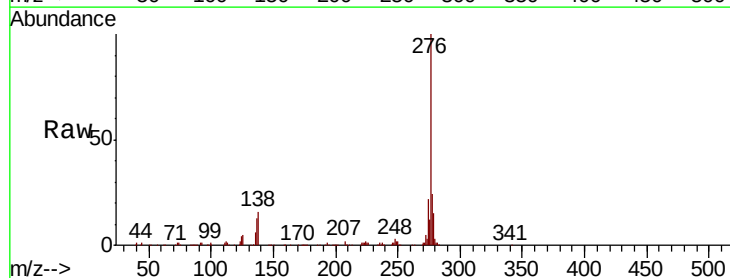
Instrument :
BNA_G
ClientSampleId :
PB117835BS

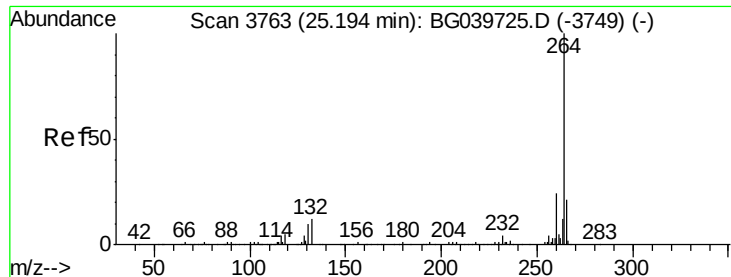
Tot Ion:149 Resp: 732423
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.8 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.258 ng
RT: 29.04 min Scan# 4418
Delta R.T. -0.05 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion:276 Resp: 811453
Ion Ratio Lower Upper
276 100
138 20.0 12.6 19.0#
277 25.9 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB117835BS

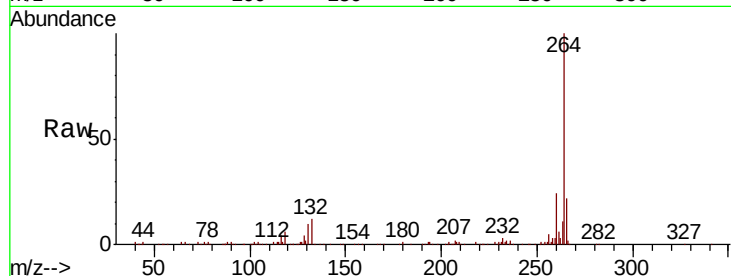
Tot Ion:264 Resp: 275802

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

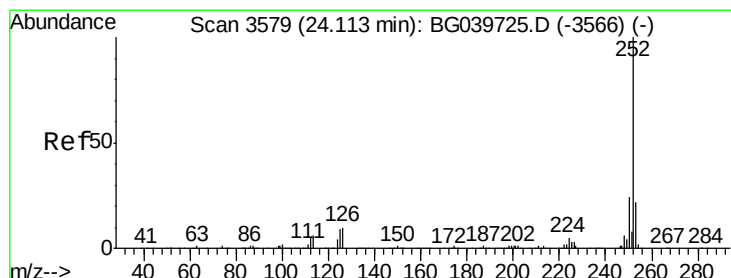
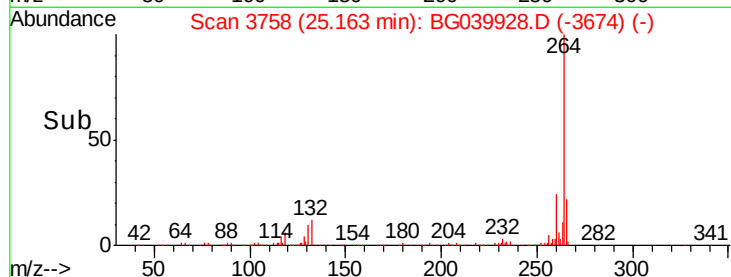
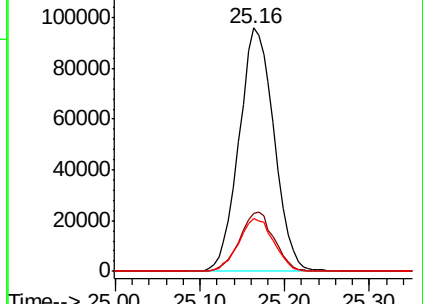
265 21.5 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.045 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG039928.D

Acq: 14 Mar 2019 17:02

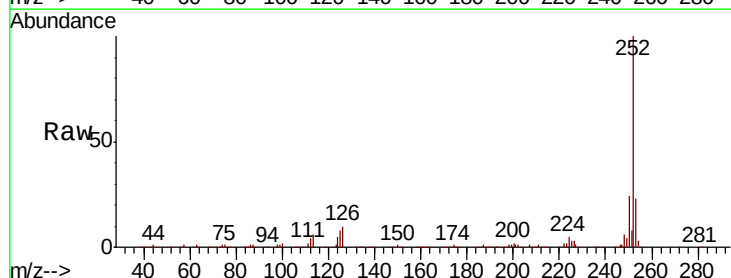
Tgt Ion:252 Resp: 707952

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

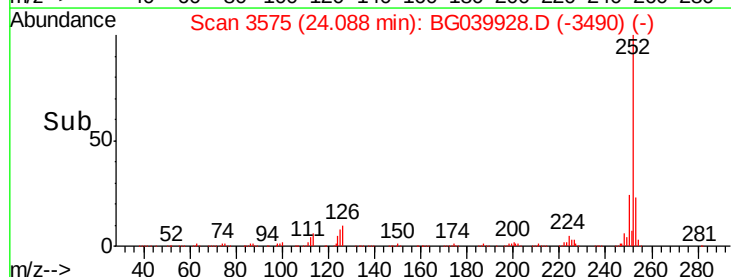
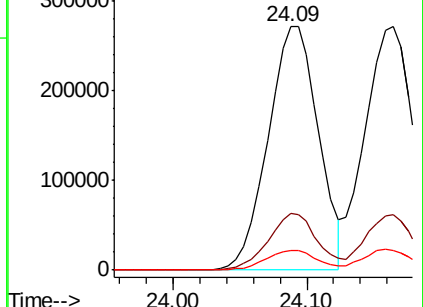
125 8.1 7.8 11.6

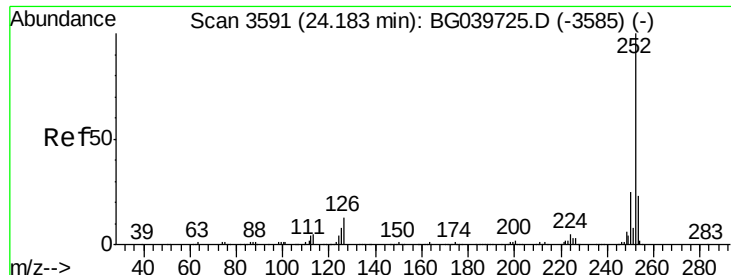


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

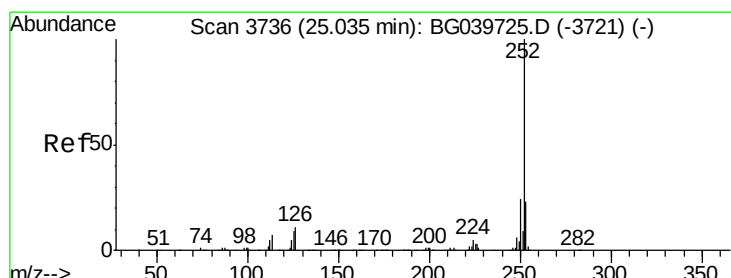
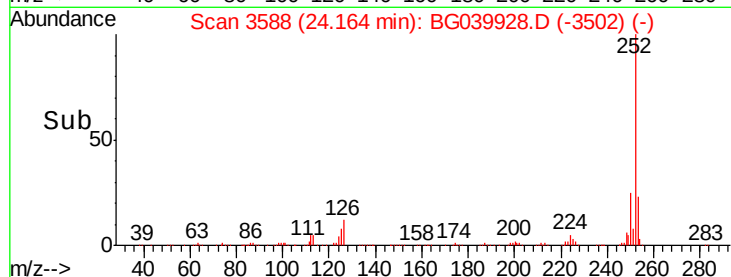
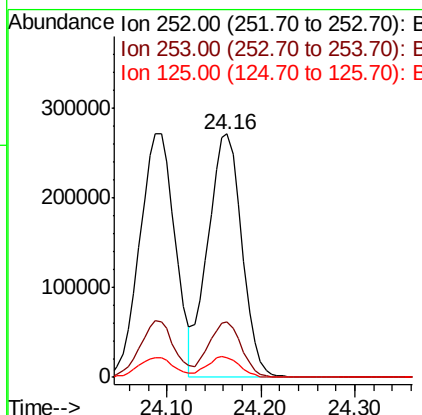
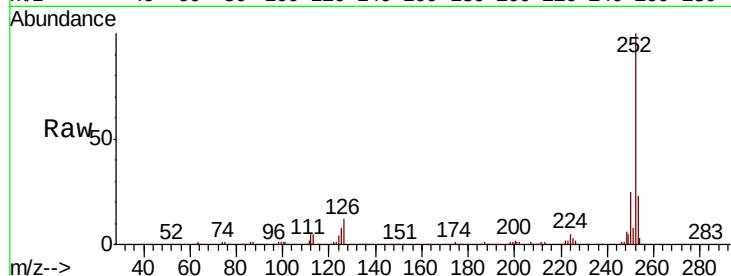




#89
Benzo(k)fluoranthene
Concen: 44.680 ng
RT: 24.16 min Scan# 3588
Delta R.T. -0.03 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

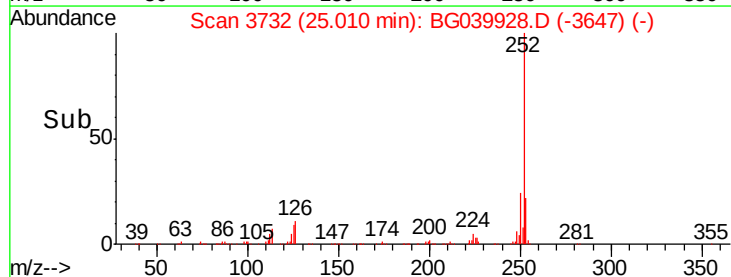
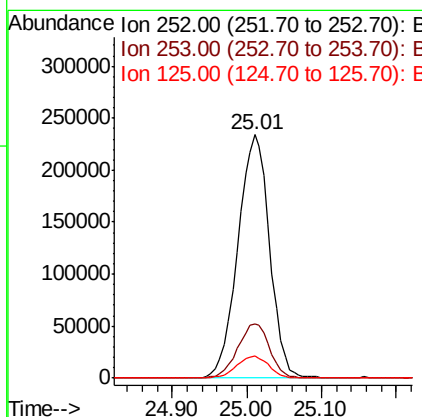
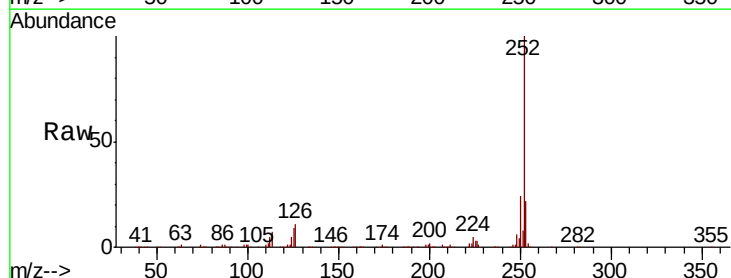
Instrument :
BNA_G
ClientSampleId :
PB117835BS

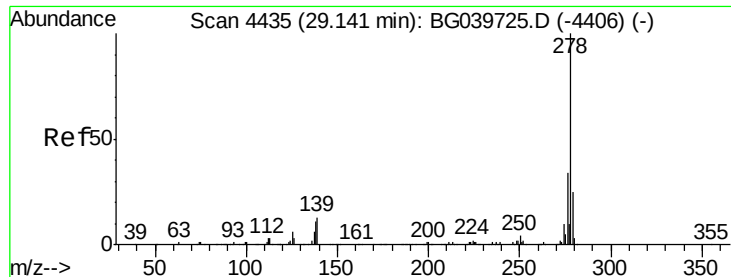
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	8.1	7.4	11.2



#90
Benzo(a)pyrene
Concen: 45.279 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.1	8.3	12.5

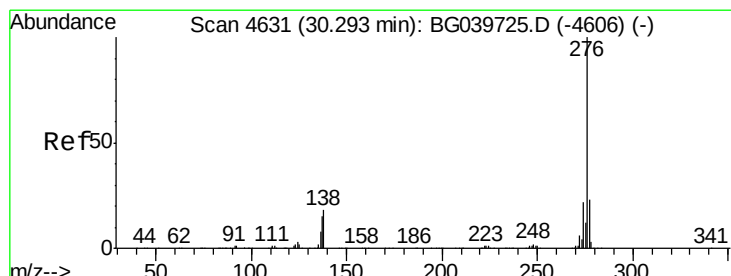
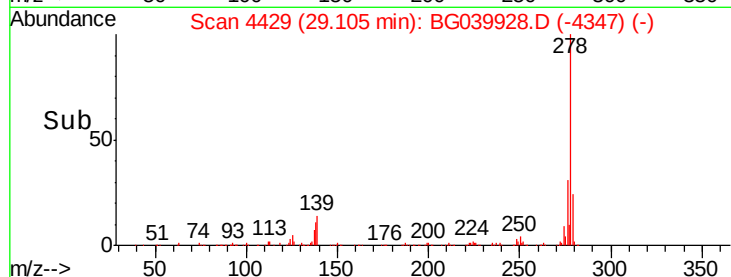
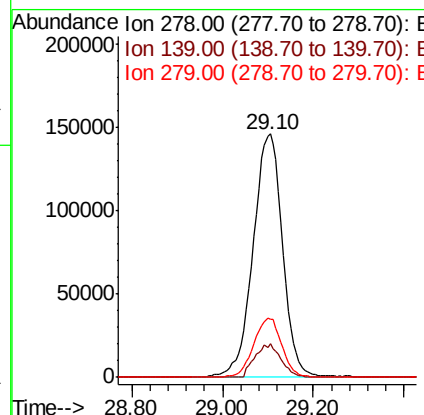
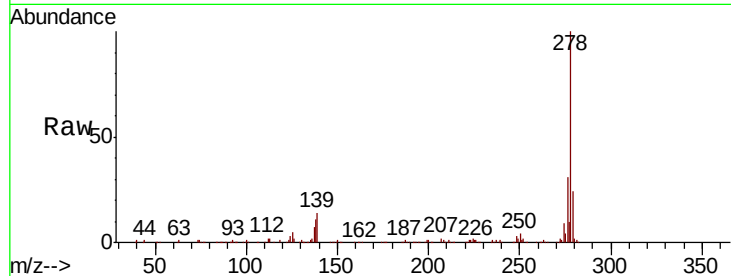




#91
Dibenzo(a,h)anthracene
Concen: 44.244 ng
RT: 29.10 min Scan# 4429
Delta R.T. -0.05 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.7	17.5
279	23.6	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 45.290 ng
RT: 30.26 min Scan# 4626
Delta R.T. -0.05 min
Lab File: BG039928.D
Acq: 14 Mar 2019 17:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	17.0	14.7	22.1

