

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011519\
 Data File : BG039135.D
 Acq On : 15 Jan 2019 17:16
 Operator : JU/SJ
 Sample : PB116382BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Quant Time: Jan 16 01:09:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	8349	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	54744	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	53170	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	217442	20.00	ng	0.00
76) Chrysene-d12	21.69	240	190448	20.00	ng	-0.01
87) Perylene-d12	24.97	264	194993	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	82482	187.41	ng	0.00
7) Phenol-d6	7.19	99	139553	220.33	ng	0.00
23) Nitrobenzene-d5	9.20	82	67777	67.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	156722	175.84	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	269411	69.34	ng	0.00
79) Terphenyl-d14	20.02	244	944681	91.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	4198	24.357	ng	# 69
3) Pyridine	3.87	79	15883	33.915	ng	99
4) n-Nitrosodimethylamine	3.78	42	9956	47.243	ng	93
6) Aniline	7.36	93	26631	35.009	ng	99
8) 2-Chlorophenol	7.59	128	30018	57.859	ng	98
9) Benzaldehyde	7.17	77	8034	21.994	ng	83
10) Phenol	7.22	94	40796	64.243	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	20262	41.748	ng	95
12) 1,3-Dichlorobenzene	7.91	146	22260	35.811	ng	96
13) 1,4-Dichlorobenzene	8.06	146	24436	38.816	ng	100
14) 1,2-Dichlorobenzene	8.38	146	24177	40.279	ng	97
15) Benzyl Alcohol	8.27	79	29268	61.359	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	39920	42.895	ng	97
17) 2-Methylphenol	8.47	107	28855	65.439	ng	96
18) Hexachloroethane	9.10	117	7841	36.662	ng	87
19) n-Nitroso-di-n-propylamine	8.83	70	21173	50.905	ng	# 98
20) 3+4-Methylphenols	8.80	107	41663	66.271	ng	97
22) Acetophenone	8.85	105	44132	30.869	ng	# 98
24) Nitrobenzene	9.24	77	33453	33.082	ng	95
25) Isophorone	9.75	82	68927	39.997	ng	100
26) 2-Nitrophenol	9.96	139	19280	35.249	ng	92
27) 2,4-Dimethylphenol	10.00	122	37381	48.578	ng	92
28) bis(2-Chloroethoxy)methane	10.24	93	37146	35.865	ng	98
29) 2,4-Dichlorophenol	10.49	162	44639	46.694	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	38937	33.898	ng	96
31) Naphthalene	10.89	128	108633	39.565	ng	99
32) Benzoic acid	10.16	122	17819	39.687	ng	94
33) 4-Chloroaniline	11.02	127	50104	40.783	ng	96
34) Hexachlorobutadiene	11.15	225	23650	29.923	ng	98
35) Caprolactam	11.79	113	20273	52.884	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	61716	60.359	ng	93
37) 2-Methylnaphthalene	12.49	142	106023	51.504	ng	99
38) 1-Methylnaphthalene	12.72	142	96155	48.665	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	63067	31.583	ng	98

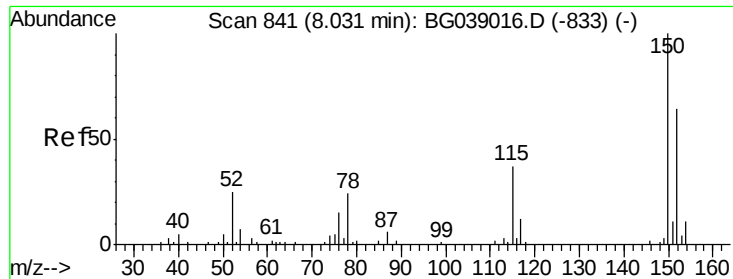
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	50173	47.149	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	61853	49.216	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	63382	47.717	ng	99
46) 1,1'-Biphenyl	13.50	154	145914	34.634	ng	99
47) 2-Chloronaphthalene	13.55	162	125466	36.801	ng	98
48) 2-Nitroaniline	13.76	65	44087	46.158	ng	91
49) Acenaphthylene	14.39	152	210278	41.034	ng	99
50) Dimethylphthalate	14.11	163	184458	41.054	ng	99
51) 2,6-Dinitrotoluene	14.25	165	42765	42.572	ng	96
52) Acenaphthene	14.73	154	123269	40.037	ng	96
53) 3-Nitroaniline	14.58	138	34313	33.672	ng	99
54) 2,4-Dinitrophenol	14.80	184	41503	69.838	ng	97
55) Dibenzofuran	15.07	168	224845	41.349	ng	99
56) 4-Nitrophenol	14.90	139	78062	106.463	ng	99
57) 2,4-Dinitrotoluene	15.04	165	70179	48.695	ng	97
58) Fluorene	15.71	166	194457	47.509	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	65134	51.947	ng	97
60) Diethylphthalate	15.47	149	201956	43.626	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	105687	40.985	ng	100
62) 4-Nitroaniline	15.75	138	57467	54.133	ng	99
63) Azobenzene	15.99	77	167416	46.245	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	43756	27.162	ng	94
66) n-Nitrosodiphenylamine	15.92	169	187746	29.126	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	81582	29.187	ng	95
68) Hexachlorobenzene	16.71	284	88941	29.161	ng	93
69) Atrazine	16.86	200	89271	32.600	ng	96
70) Pentachlorophenol	17.06	266	97330	53.704	ng	96
71) Phenanthrene	17.46	178	437585	38.073	ng	98
72) Anthracene	17.55	178	457077	40.222	ng	100
73) Carbazole	17.83	167	436945	38.950	ng	99
74) Di-n-butylphthalate	18.36	149	461646	36.991	ng	99
75) Fluoranthene	19.47	202	587250	41.216	ng	100
77) Benzidine	19.65	184	146618	25.170	ng	98
78) Pyrene	19.83	202	561220	46.240	ng	98
80) Butylbenzylphthalate	20.70	149	219556	47.563	ng	95
81) Benzo(a)anthracene	21.67	228	482432	41.612	ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	111442	23.592	ng	98
83) Chrysene	21.74	228	447508	40.585	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	268792	41.936	ng	96
85) Di-n-octyl phthalate	22.75	149	395624	36.503	ng	100
86) Indeno(1,2,3-cd)pyrene	28.71	276	490025	37.192	ng	# 97
88) Benzo(b)fluoranthene	23.91	252	530769	49.365	ng	99
89) Benzo(k)fluoranthene	23.98	252	515424	48.485	ng	98
90) Benzo(a)pyrene	24.81	252	473148	45.528	ng	99
91) Dibenzo(a,h)anthracene	28.78	278	407943	39.464	ng	99
92) Benzo(g,h,i)perylene	29.90	276	418246	40.870	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.00 min

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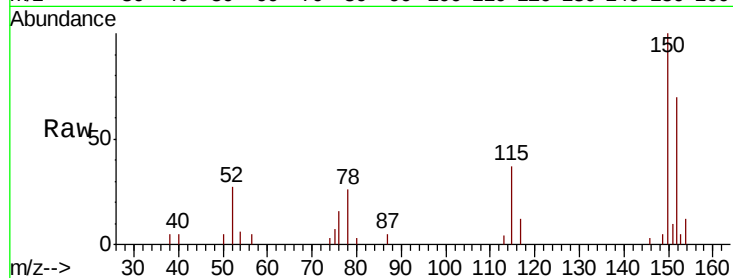
Tgt Ion:152 Resp: 8349

Ion Ratio Lower Upper

152 100

150 143.1 124.7 187.1

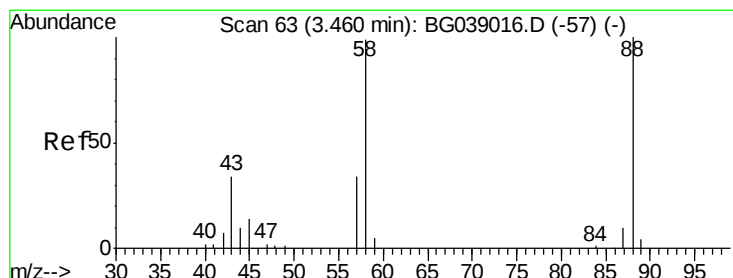
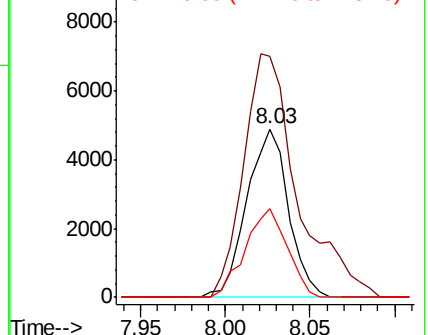
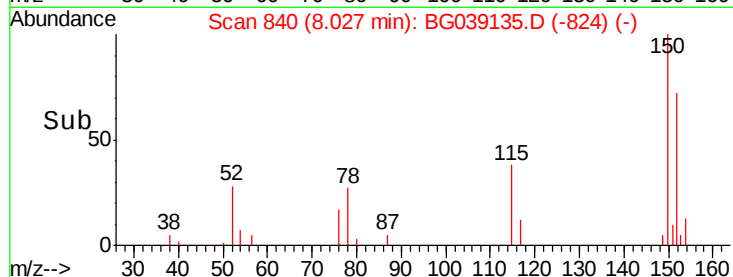
115 52.6 46.5 69.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.357 ng

RT: 3.46 min Scan# 62

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

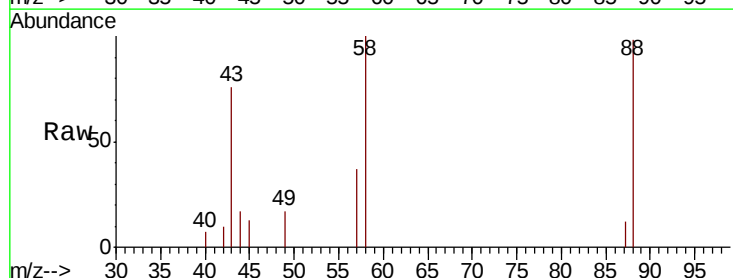
Tgt Ion: 88 Resp: 4198

Ion Ratio Lower Upper

88 100

58 122.4 72.4 108.6#

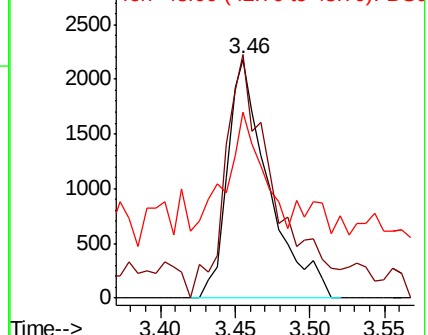
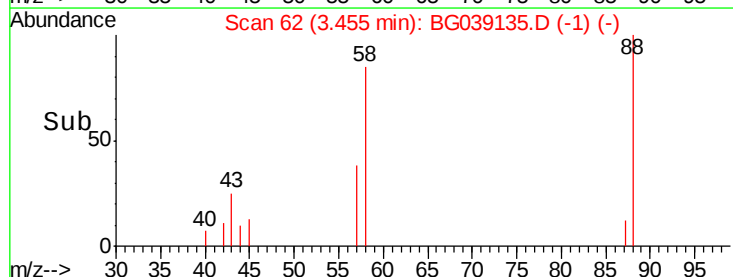
43 49.2 27.6 41.4#

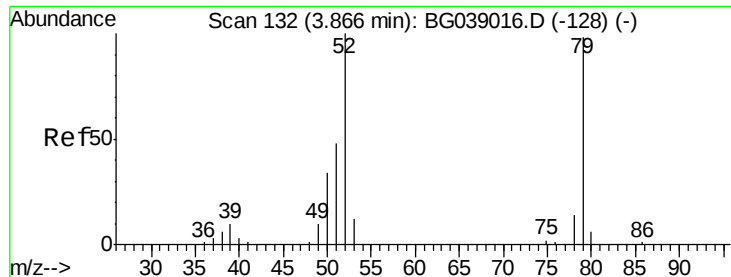


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.915 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

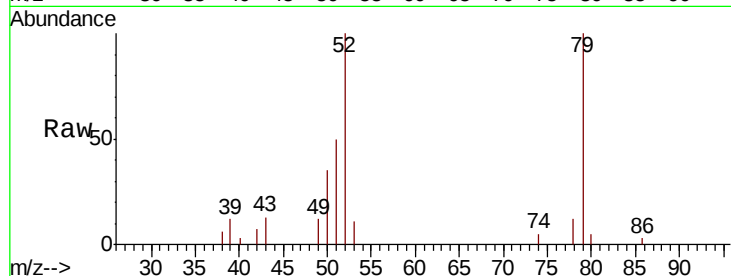
Tgt Ion: 79 Resp: 15883

Ion Ratio Lower Upper

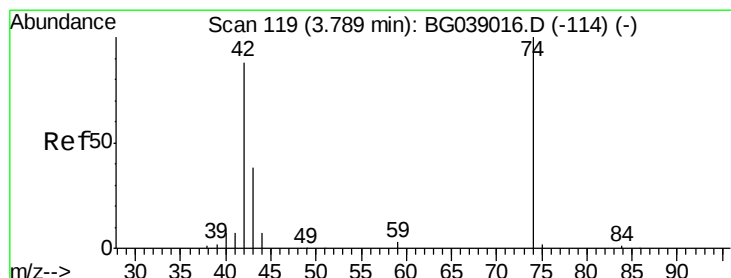
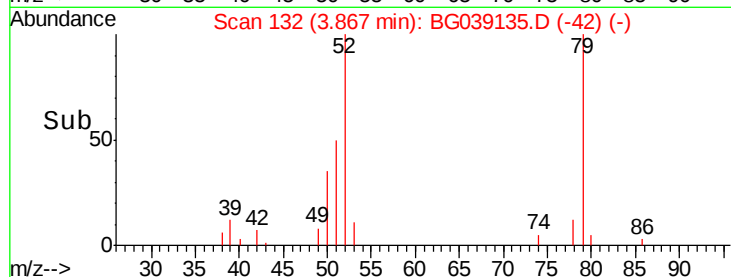
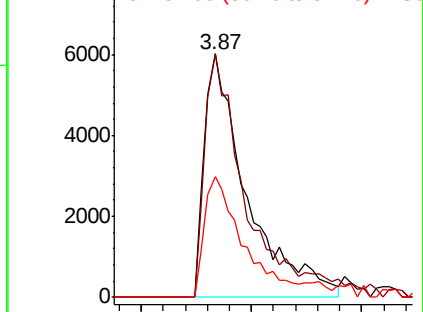
79 100

52 100.1 81.5 122.3

51 49.8 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 47.243 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

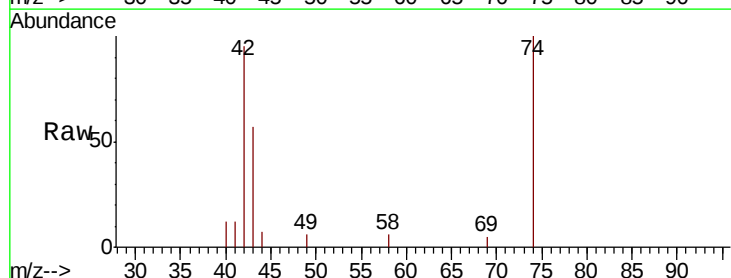
Tgt Ion: 42 Resp: 9956

Ion Ratio Lower Upper

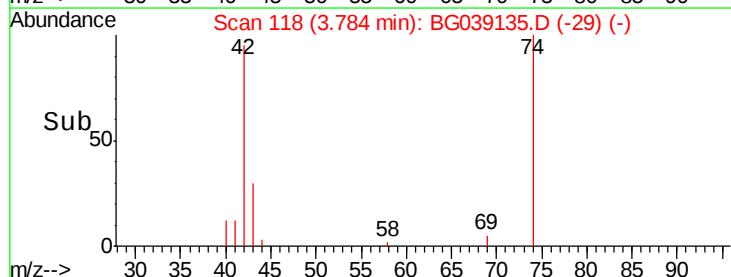
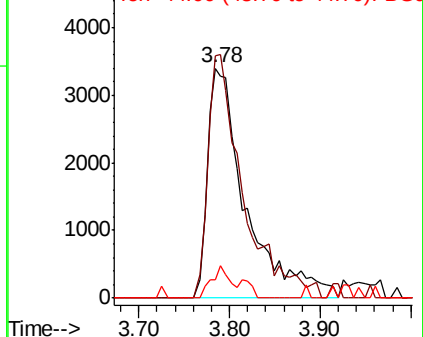
42 100

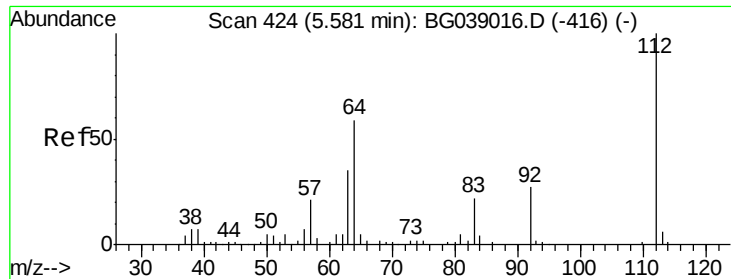
74 105.7 90.7 136.1

44 7.8 6.5 9.7



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





#5

2-Fluorophenol

Concen: 187.408 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

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ClientSampleId :

PB116382BS

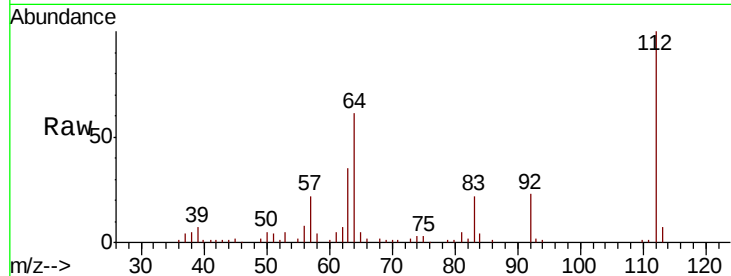
Tgt Ion: 112 Resp: 82482

Ion Ratio Lower Upper

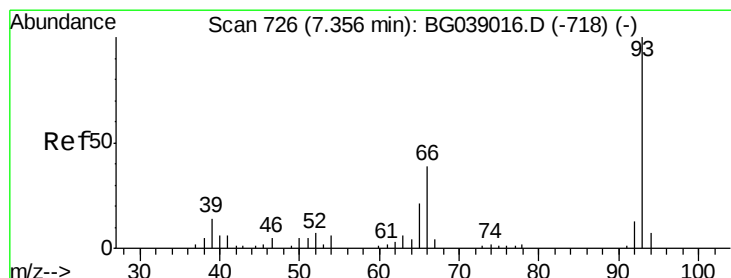
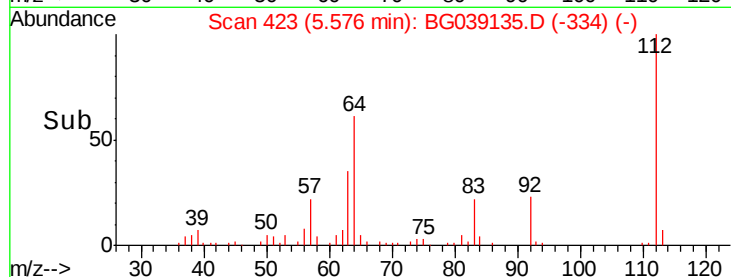
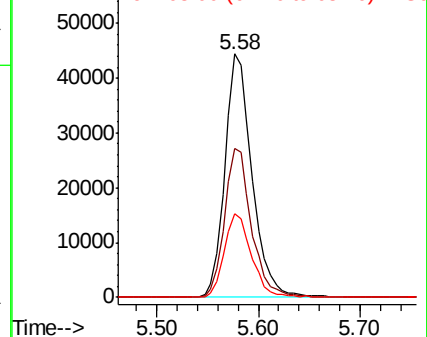
112 100

64 60.9 47.0 70.6

63 34.6 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.009 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

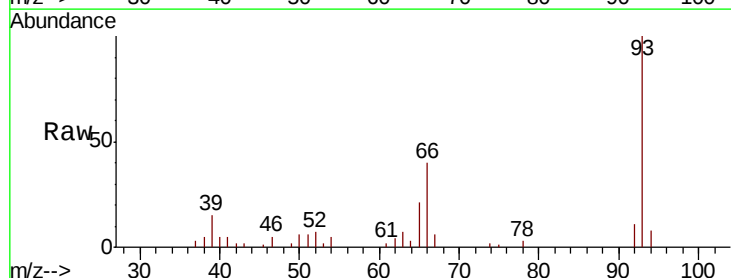
Tgt Ion: 93 Resp: 26631

Ion Ratio Lower Upper

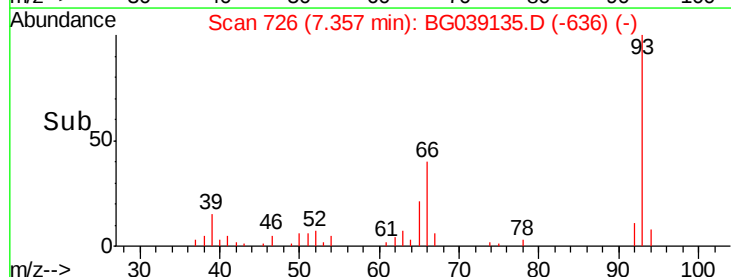
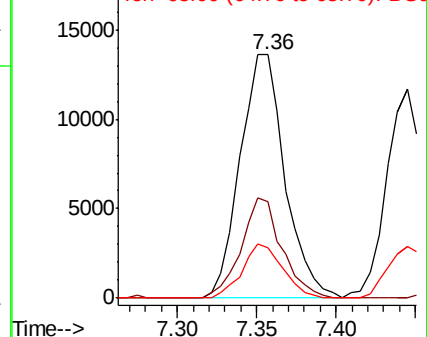
93 100

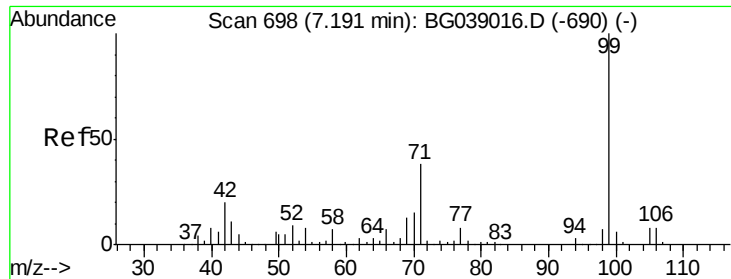
66 39.6 30.9 46.3

65 20.7 17.0 25.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 220.327 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

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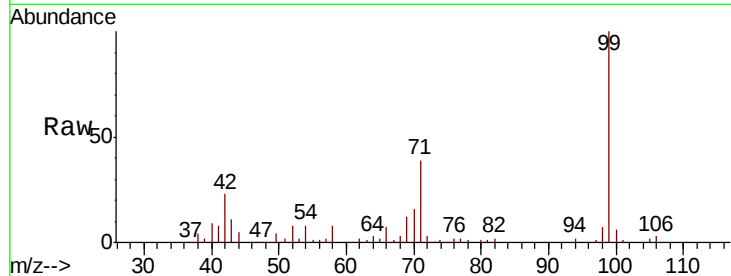
Tgt Ion: 99 Resp: 139553

Ion Ratio Lower Upper

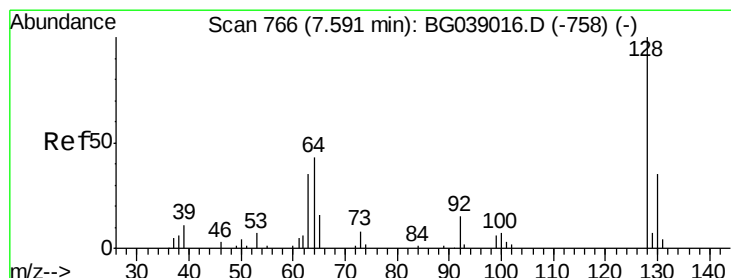
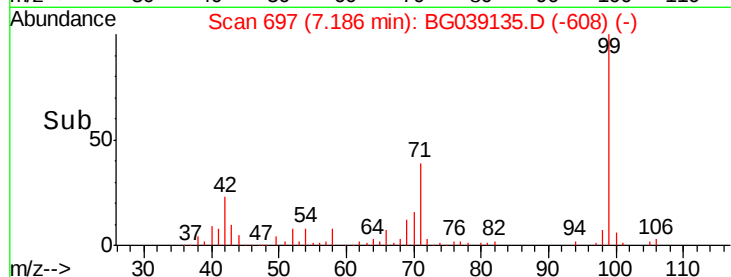
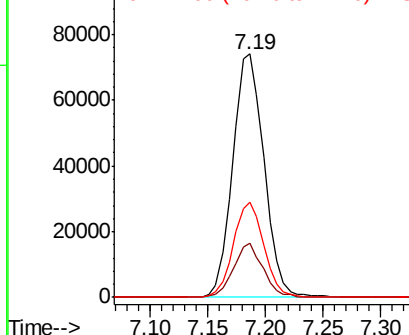
99 100

42 22.5 15.8 23.6

71 38.9 30.2 45.4



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



#8

2-Chlorophenol

Concen: 57.859 ng

RT: 7.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

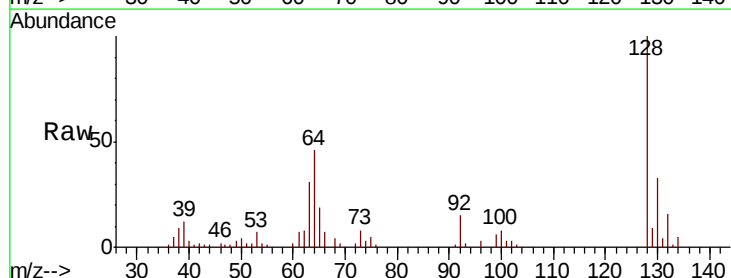
Tgt Ion: 128 Resp: 30018

Ion Ratio Lower Upper

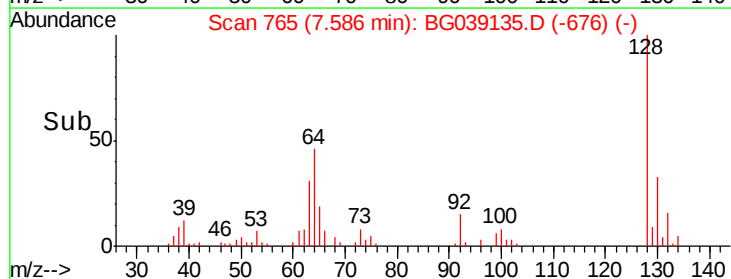
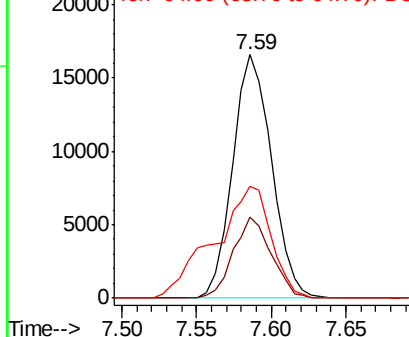
128 100

130 33.3 14.5 54.5

64 45.9 27.3 67.3



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

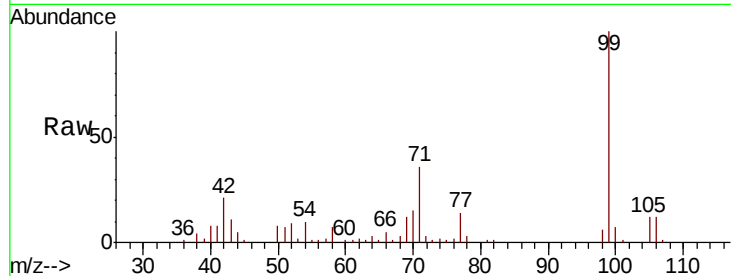




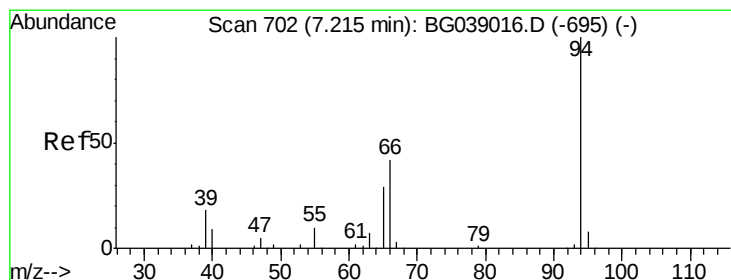
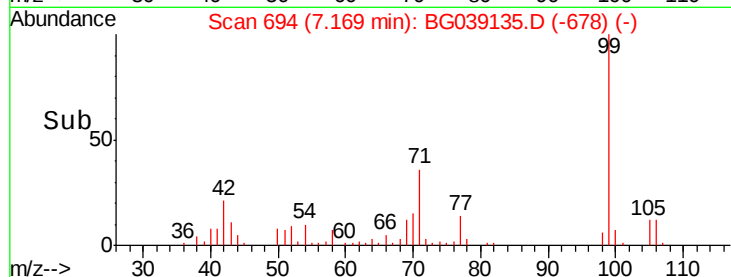
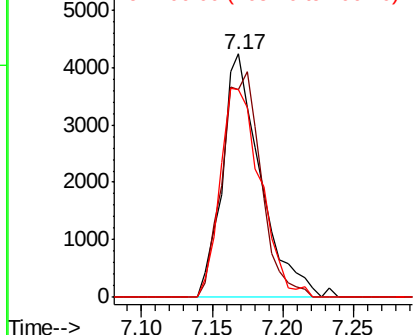
#9
Benzaldehyde
Concen: 21.994 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tgt Ion: 77 Resp: 8034
Ion Ratio Lower Upper
77 100
105 85.3 82.4 122.4
106 85.2 82.8 122.8

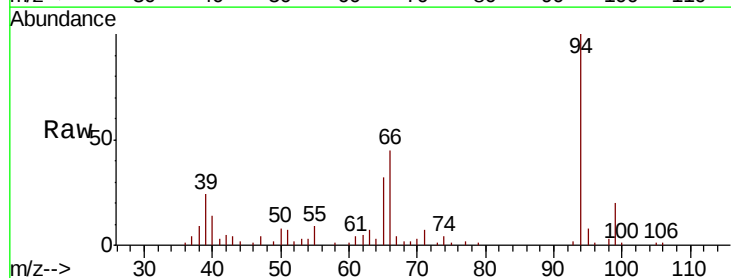


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

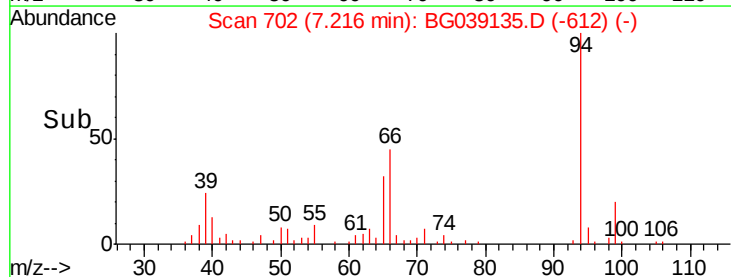
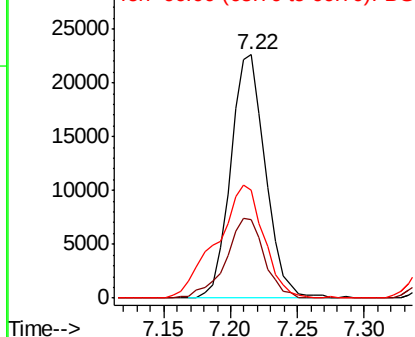


#10
Phenol
Concen: 64.243 ng
RT: 7.22 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion: 94 Resp: 40796
Ion Ratio Lower Upper
94 100
65 32.0 10.3 50.3
66 44.6 25.1 65.1



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

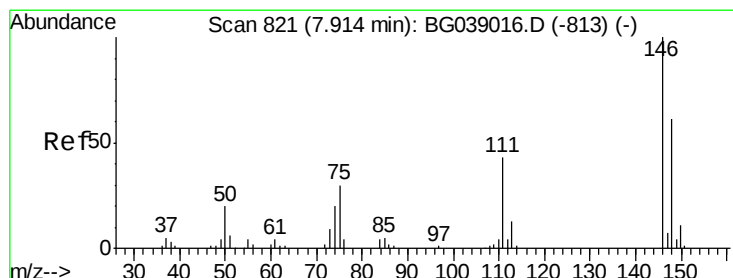
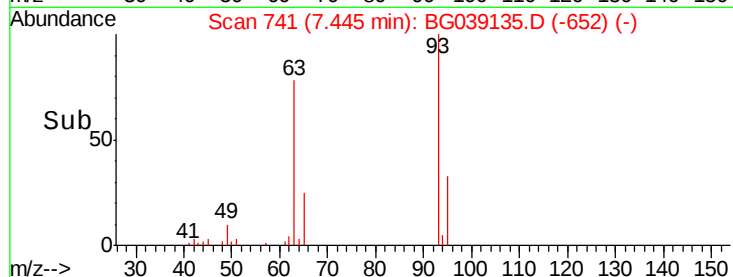
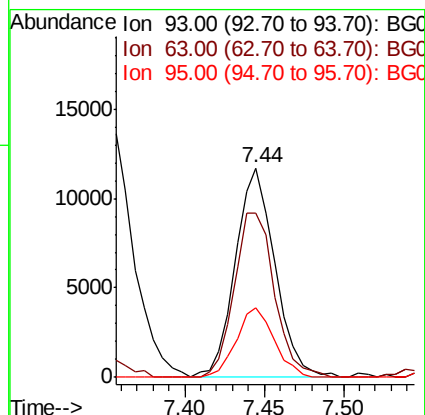
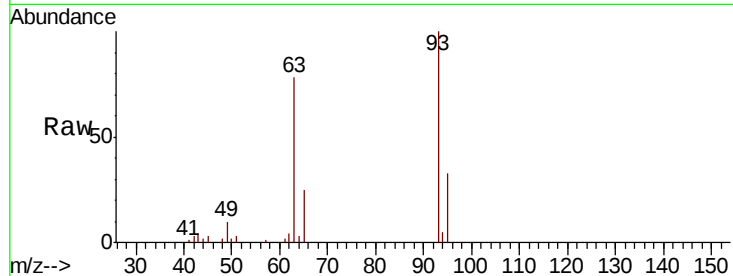




#11
 bis(2-Chloroethyl)ether
 Concen: 41.748 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

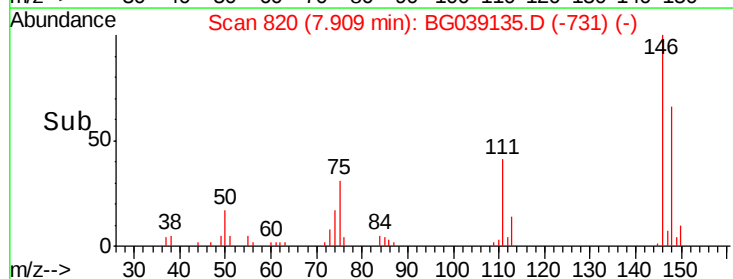
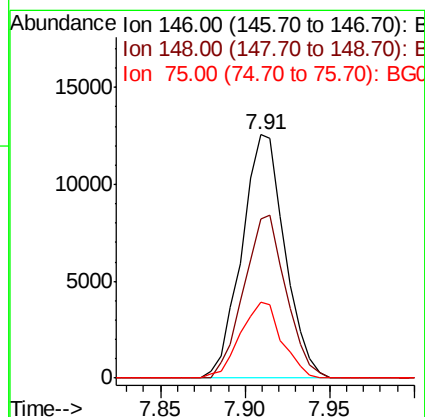
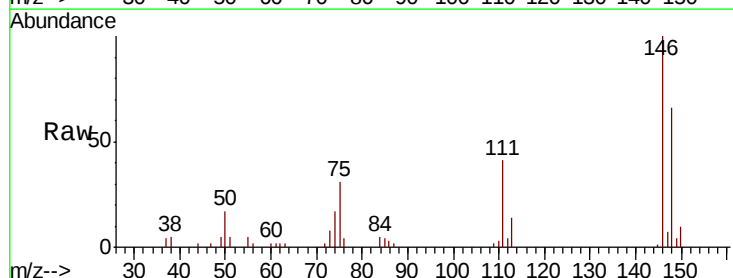
Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

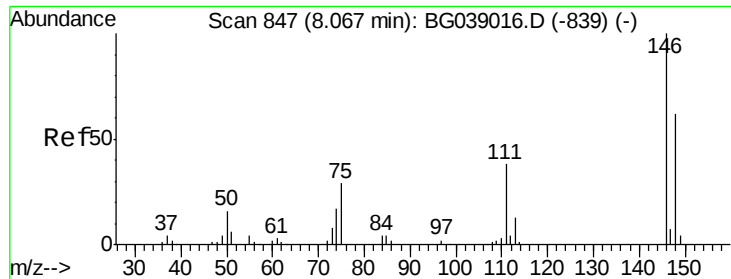
Tgt Ion: 93 Resp: 20262
 Ion Ratio Lower Upper
 93 100
 63 78.4 63.2 103.2
 95 33.3 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 35.811 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion: 146 Resp: 22260
 Ion Ratio Lower Upper
 146 100
 148 65.6 49.1 73.7
 75 31.2 23.9 35.9

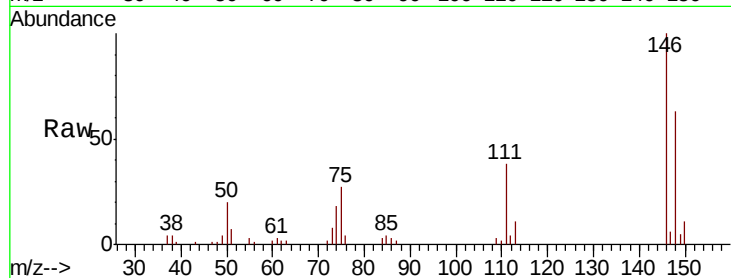




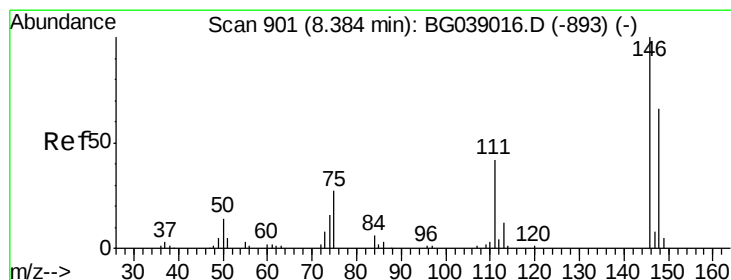
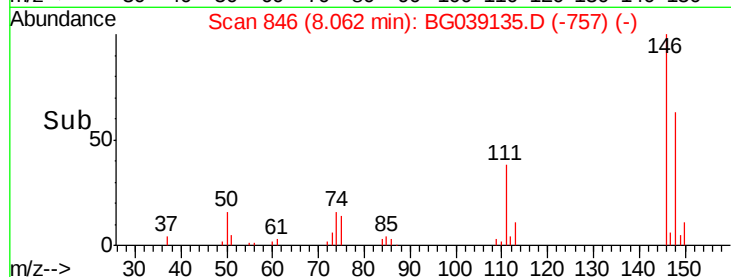
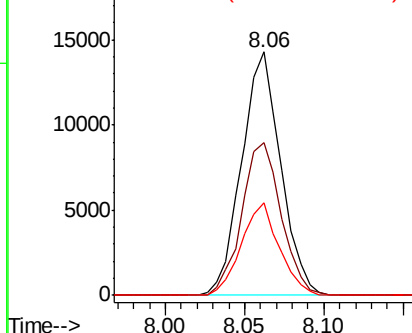
#13
 1,4-Dichlorobenzene
 Concen: 38.816 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tgt Ion:146 Resp: 24436
 Ion Ratio Lower Upper
 146 100
 148 62.6 49.8 74.6
 111 38.0 30.6 45.8

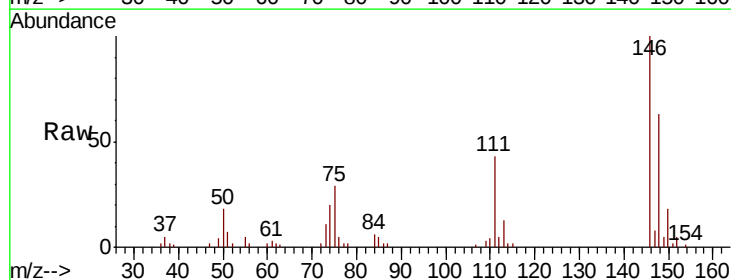


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

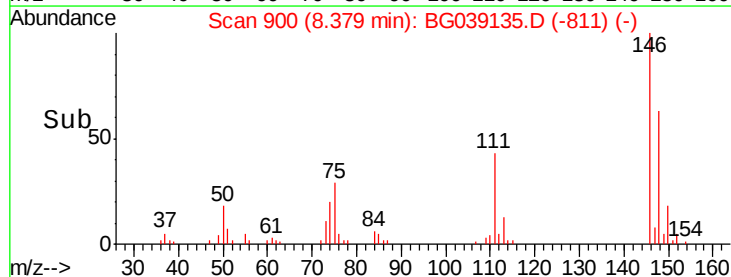
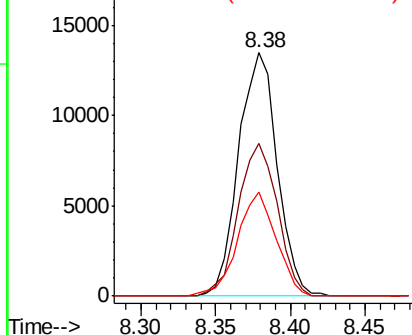


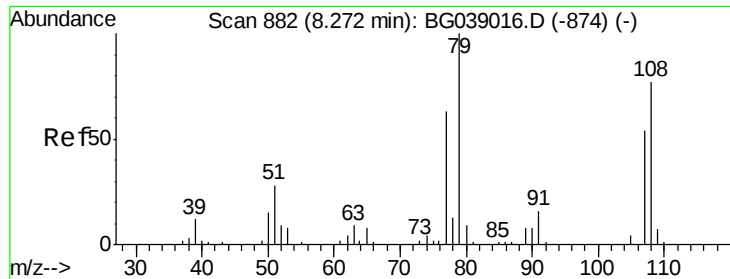
#14
 1,2-Dichlorobenzene
 Concen: 40.279 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion:146 Resp: 24177
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.6 79.0
 111 42.6 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 61.359 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

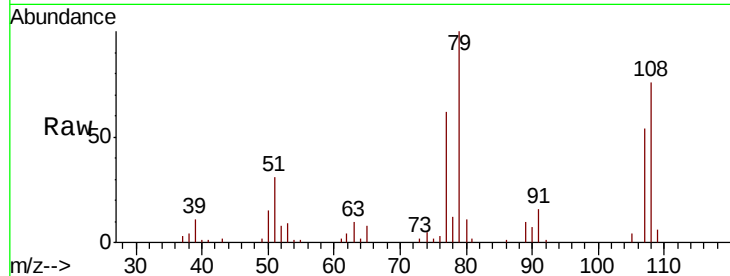
Tgt Ion: 79 Resp: 29268

Ion Ratio Lower Upper

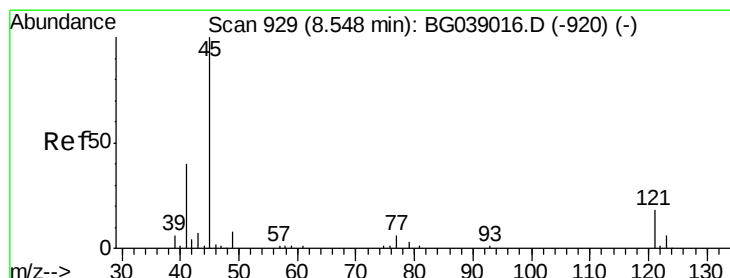
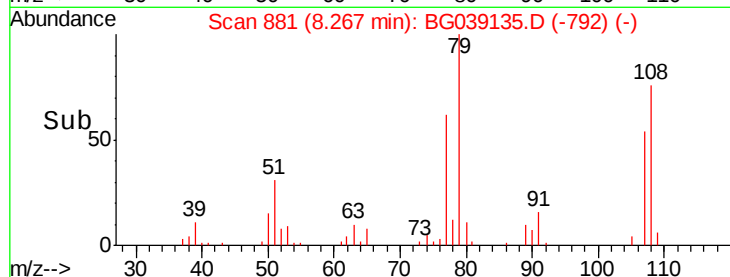
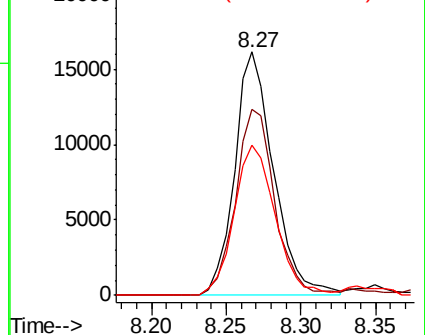
79 100

108 76.5 62.0 93.0

77 61.6 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.895 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

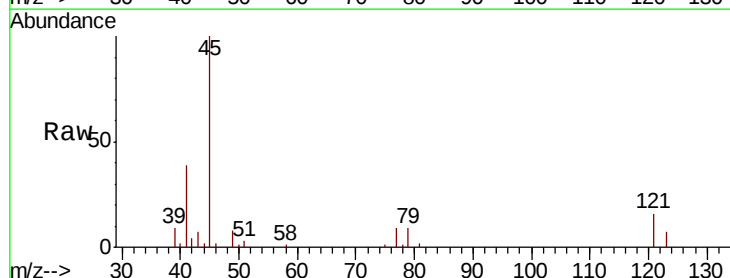
Tgt Ion: 45 Resp: 39920

Ion Ratio Lower Upper

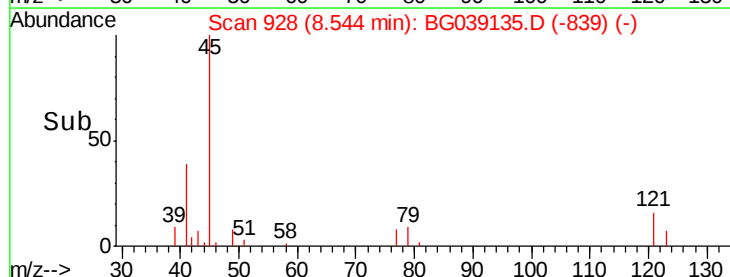
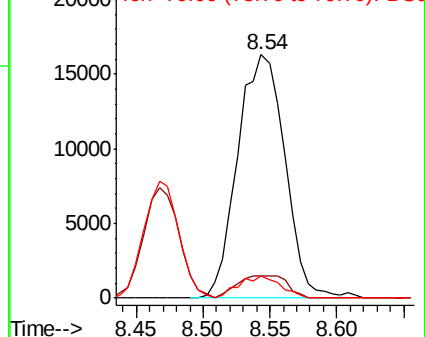
45 100

77 9.4 0.0 30.7

79 8.9 0.0 28.5



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

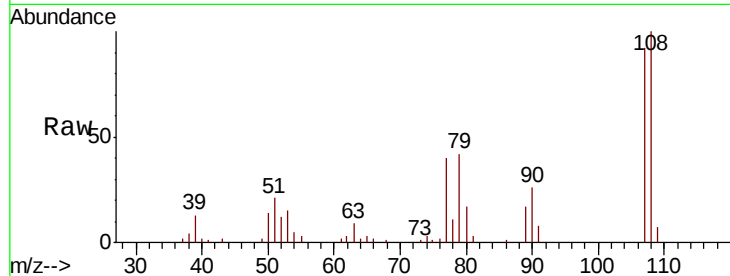




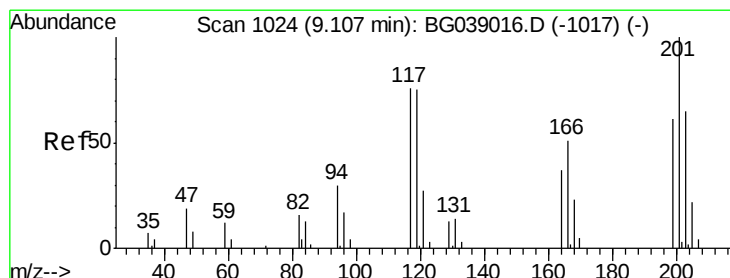
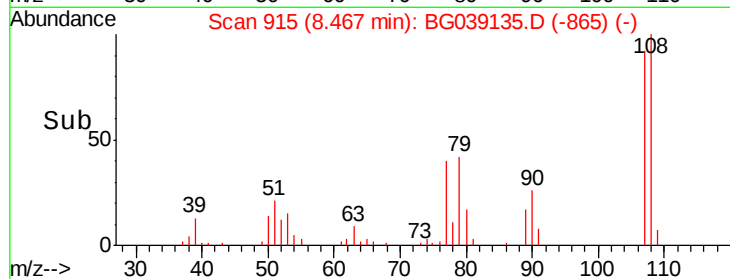
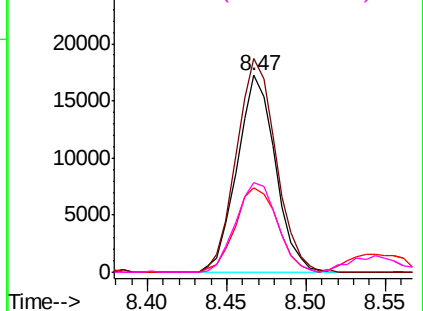
#17
2-Methylphenol
Concen: 65.439 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tgt Ion:107 Resp: 28855
Ion Ratio Lower Upper
107 100
108 108.5 90.3 135.5
77 42.9 38.3 57.5
79 45.3 35.8 53.6

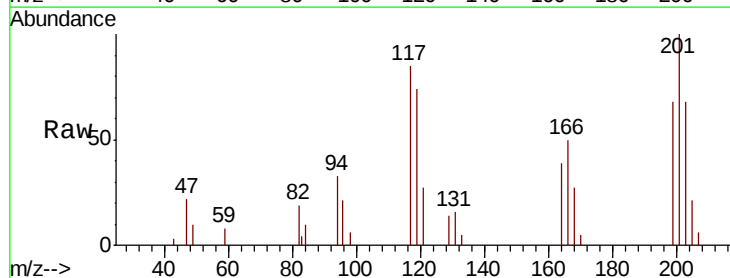


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

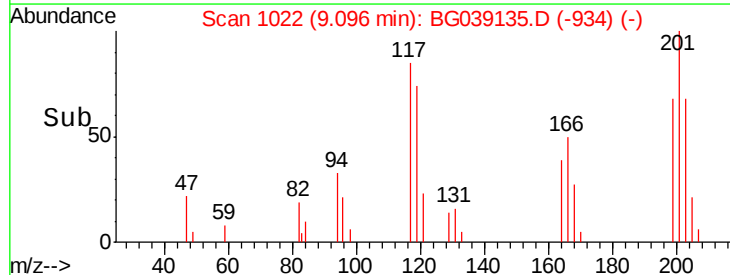
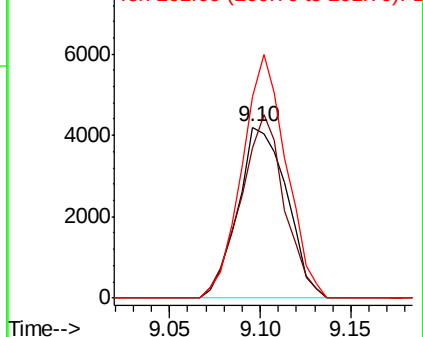


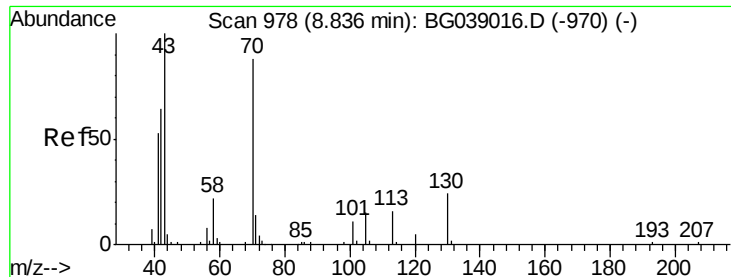
#18
Hexachloroethane
Concen: 36.662 ng
RT: 9.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion:117 Resp: 7841
Ion Ratio Lower Upper
117 100
119 87.4 78.7 118.1
201 117.6 108.1 162.1



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

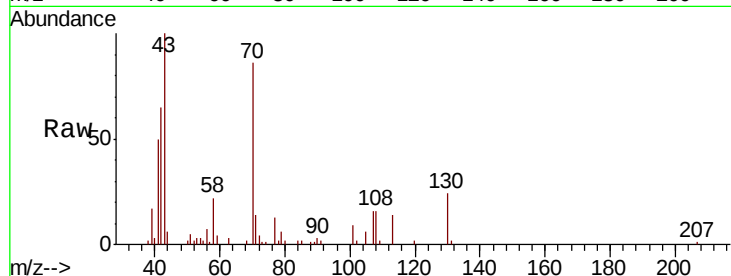




#19
n-Nitroso-di-n-propylamine
Concen: 50.905 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tgt Ion:	70	Resp:	21173
Ion	Ratio	Lower	Upper
70	100		
42	75.2	59.0	88.4
101	10.1	10.4	15.6#
130	27.8	21.6	32.4



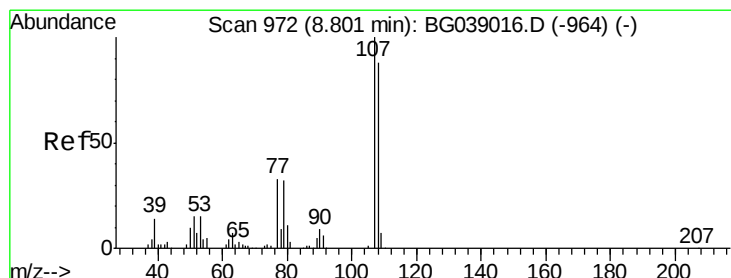
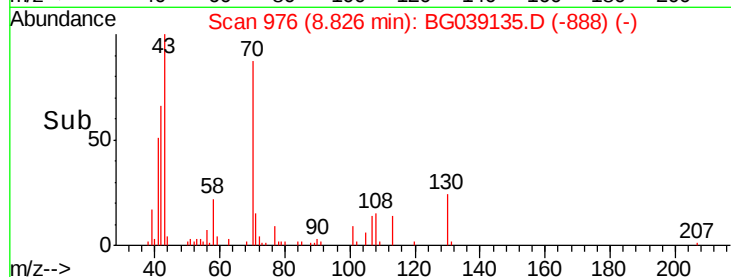
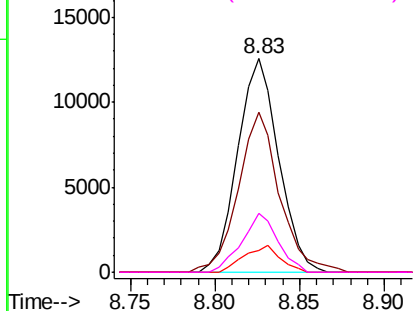
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

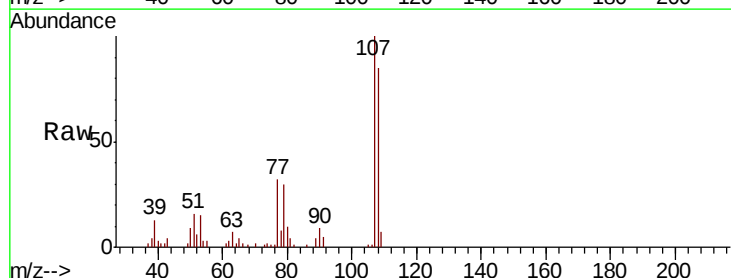
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 66.271 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion:	107	Resp:	41663
Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.4	108.4
77	32.2	13.3	53.3
79	30.2	11.6	51.6



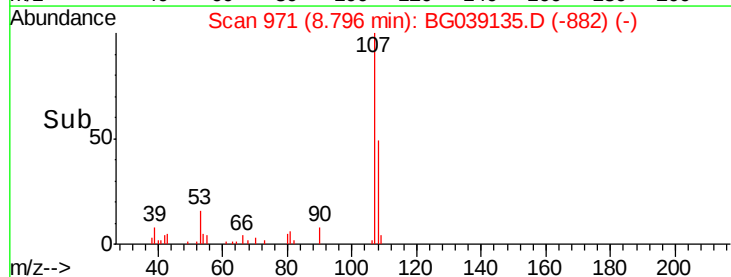
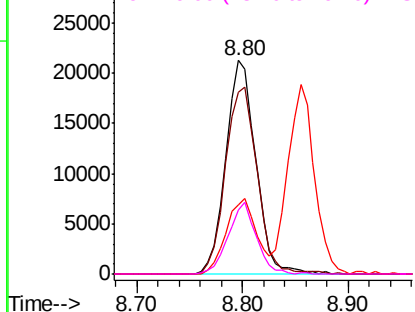
Abundance

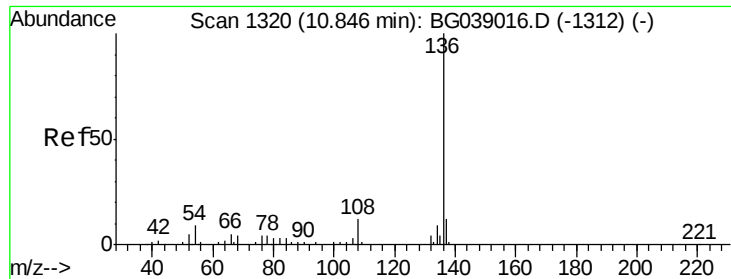
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

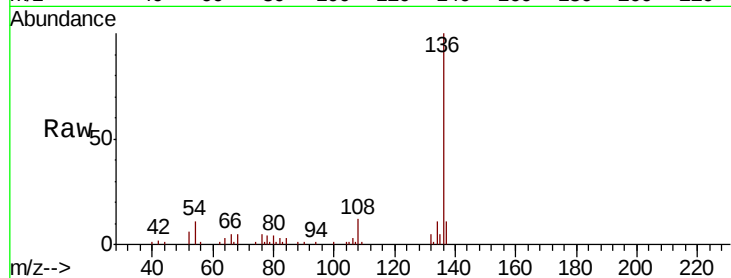




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tgt Ion:	136	Resp:	54744
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	10.6	7.2	10.8
68	4.6	3.5	5.3



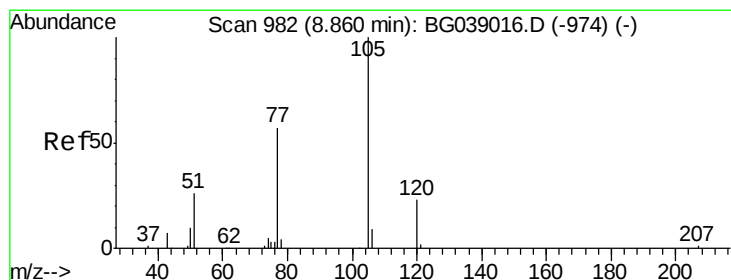
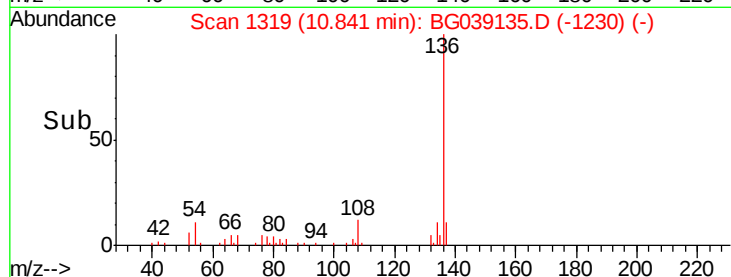
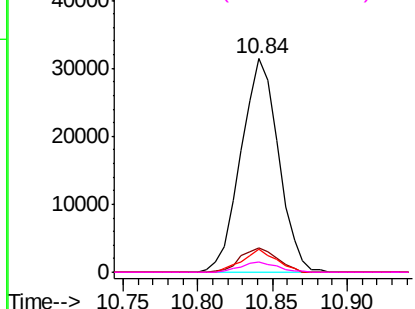
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

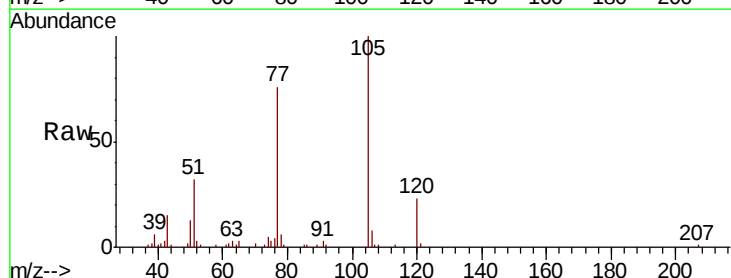
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 30.869 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion:	105	Resp:	44132
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	31.9	26.6	39.8
120	22.7	17.9	26.9



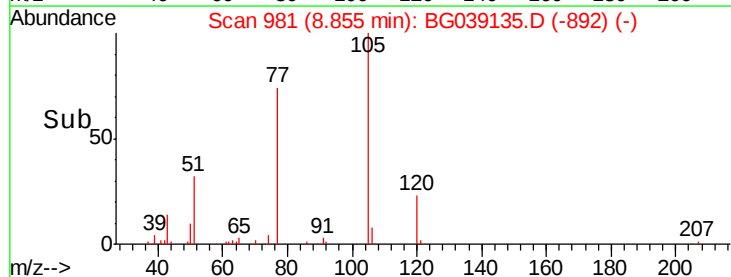
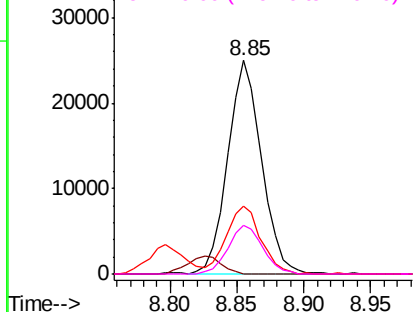
Abundance

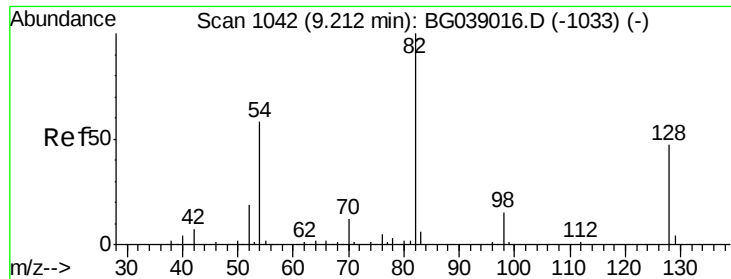
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

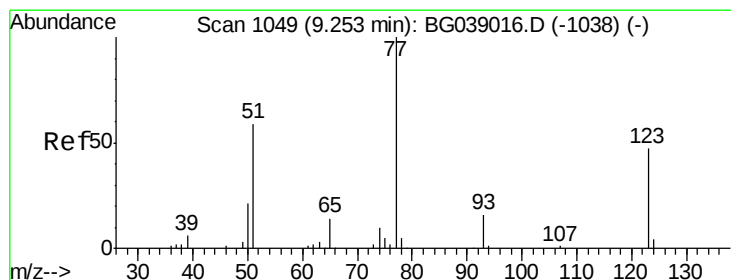
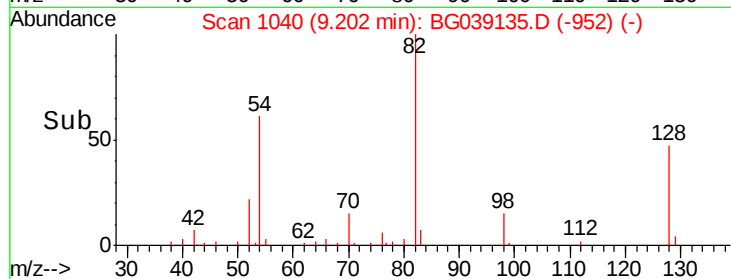
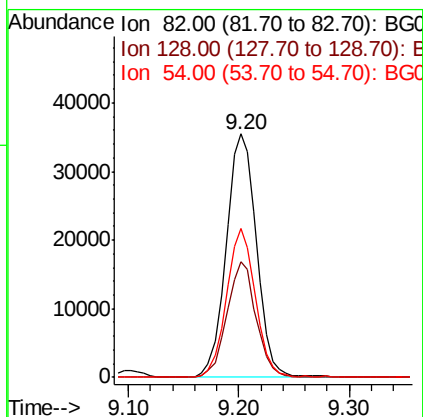
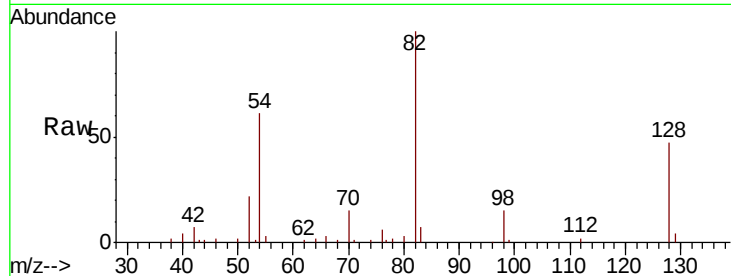




#23
 Nitrobenzene-d5
 Concen: 67.747 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

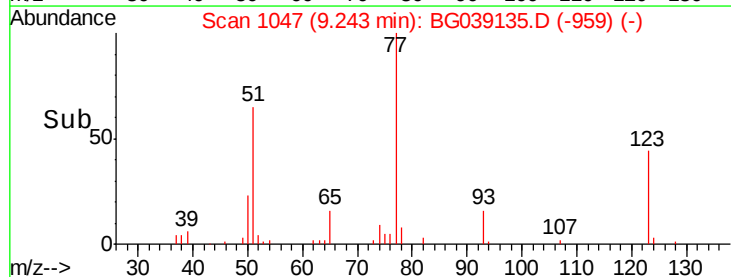
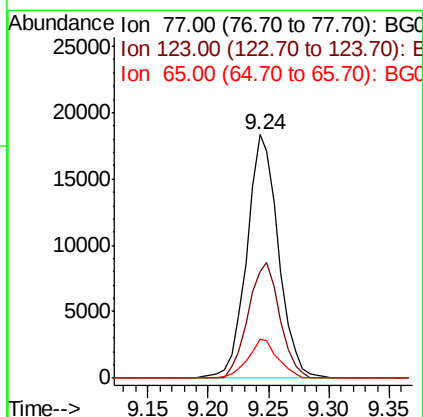
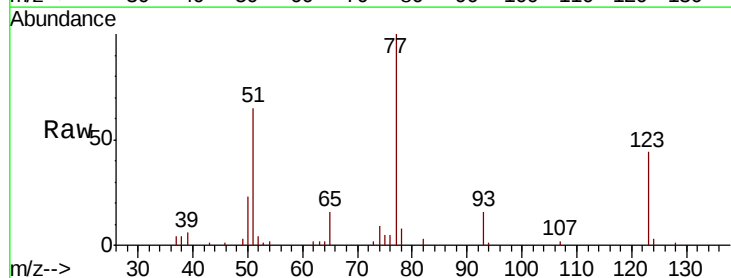
Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tgt Ion: 82 Resp: 67777
 Ion Ratio Lower Upper
 82 100
 128 47.5 37.3 55.9
 54 61.3 46.4 69.6



#24
 Nitrobenzene
 Concen: 33.082 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion: 77 Resp: 33453
 Ion Ratio Lower Upper
 77 100
 123 43.9 37.6 56.4
 65 15.7 11.0 16.6

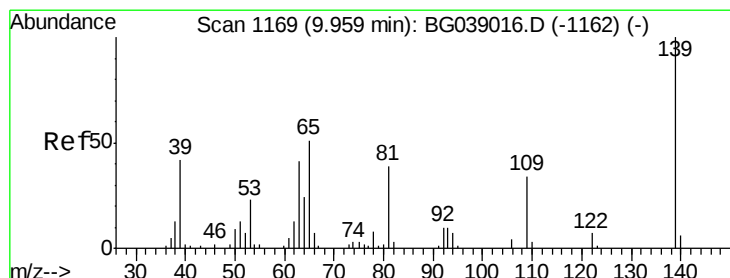
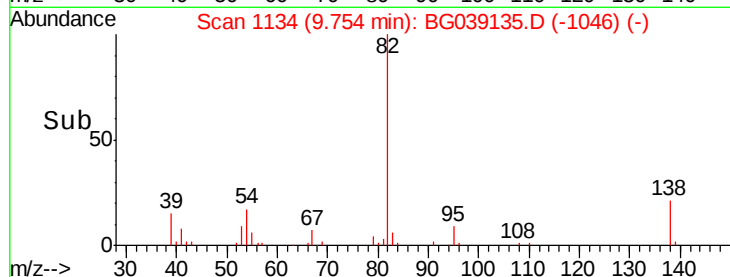
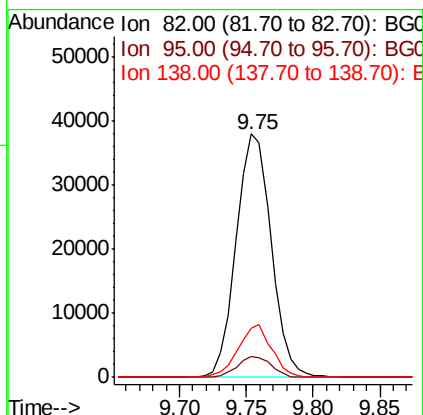
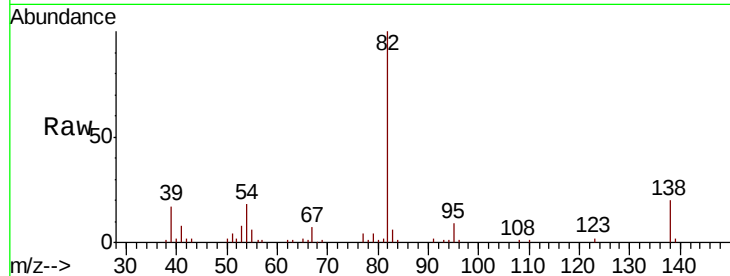




#25
Isophorone
Concen: 39.997 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

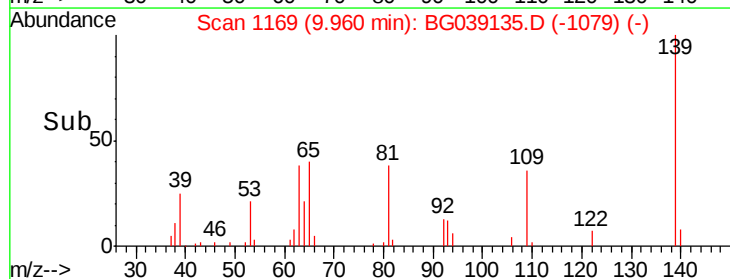
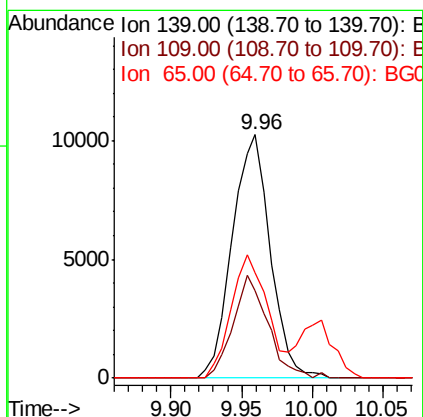
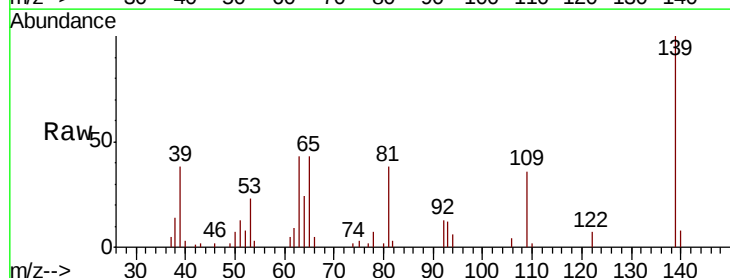
Instrument :
BNA_G
ClientSampleId :
PB116382BS

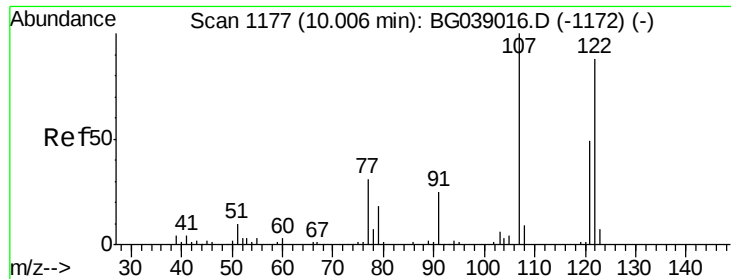
Tgt Ion: 82 Resp: 68927
Ion Ratio Lower Upper
82 100
95 8.6 7.0 10.6
138 20.3 16.2 24.4



#26
2-Nitrophenol
Concen: 35.249 ng
RT: 9.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion: 139 Resp: 19280
Ion Ratio Lower Upper
139 100
109 35.9 27.3 40.9
65 43.4 40.6 61.0





#27

2,4-Dimethylphenol

Concen: 48.578 ng

RT: 10.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

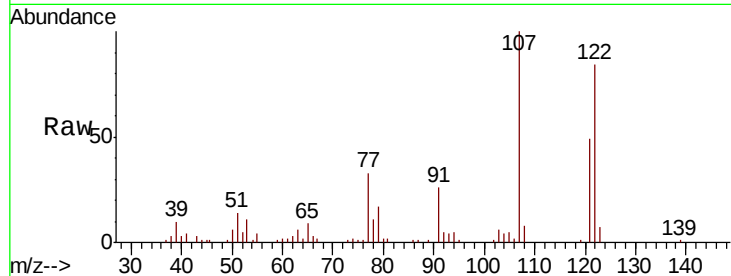
Tgt Ion: 122 Resp: 37381

Ion Ratio Lower Upper

122 100

107 119.6 88.8 133.2

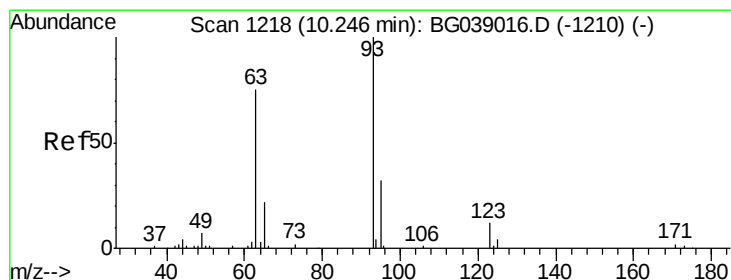
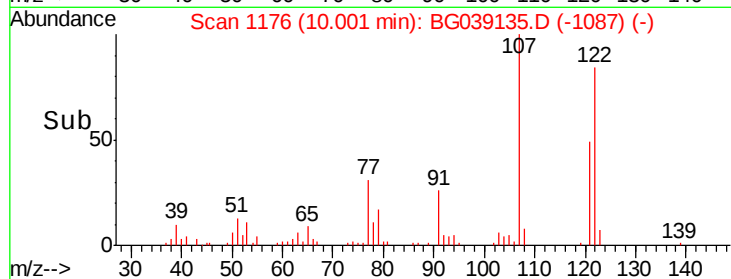
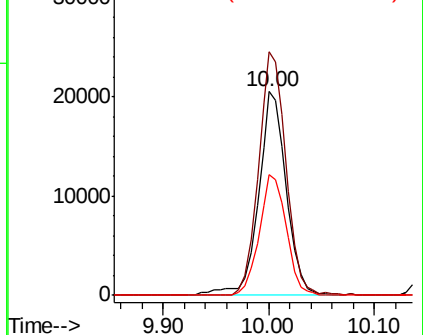
121 59.1 43.1 64.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.865 ng

RT: 10.24 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

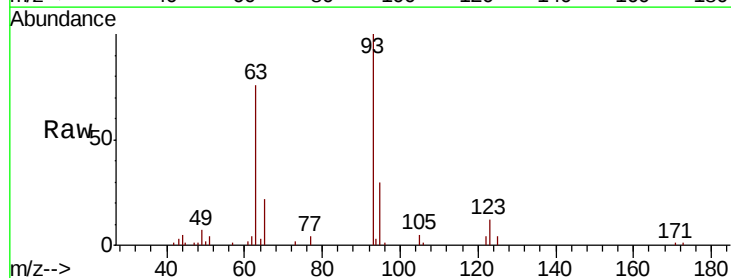
Tgt Ion: 93 Resp: 37146

Ion Ratio Lower Upper

93 100

95 30.2 25.6 38.4

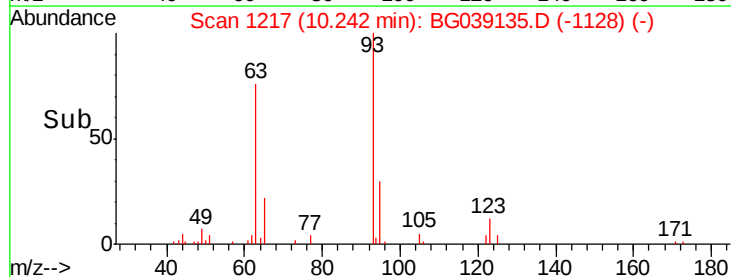
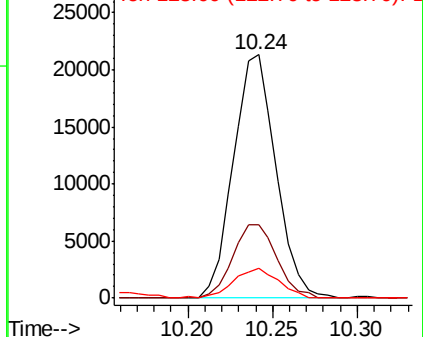
123 12.5 10.1 15.1

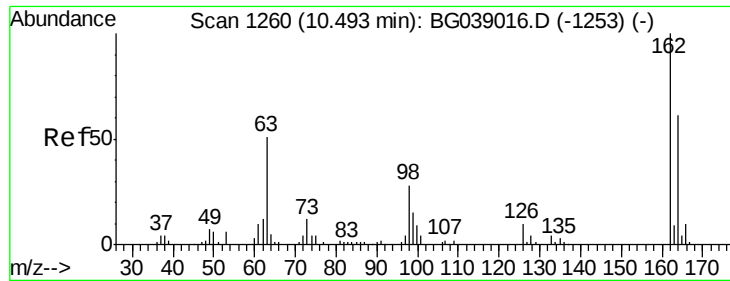


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

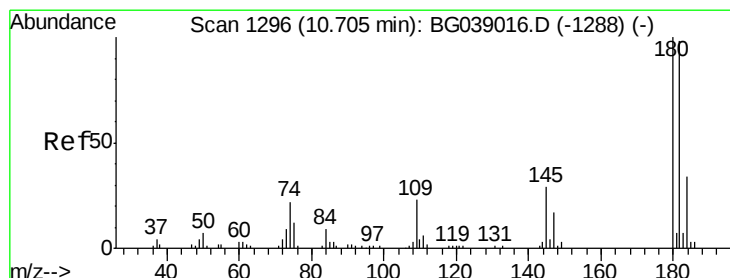
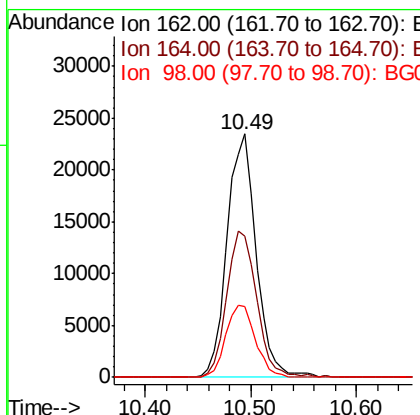
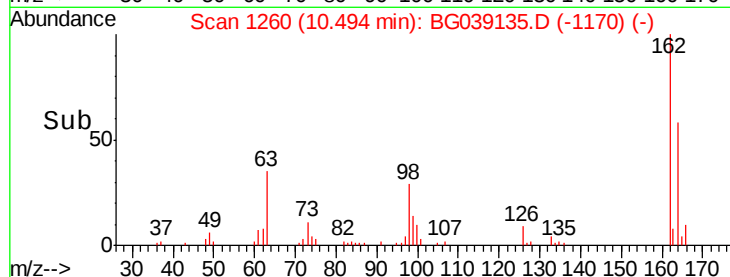
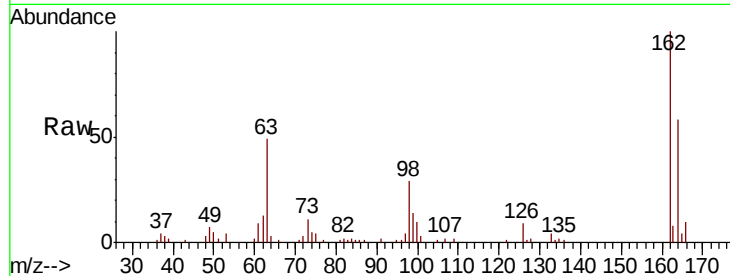




#29
 2,4-Dichlorophenol
 Concen: 46.694 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

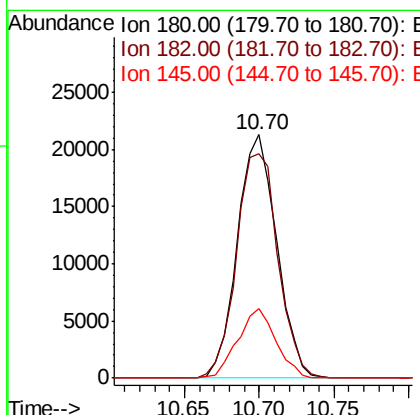
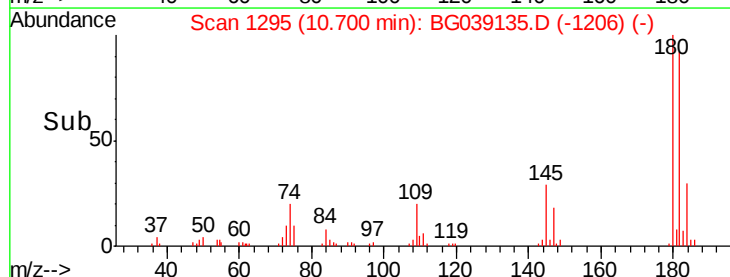
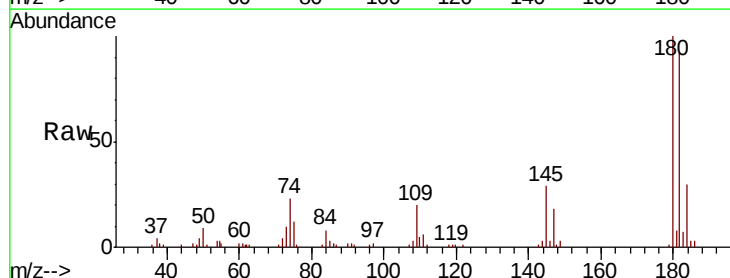
Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

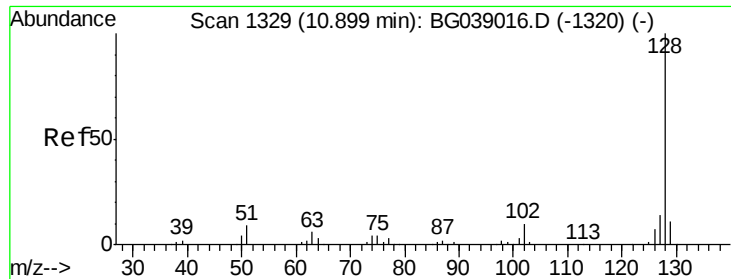
Tgt Ion:162 Resp: 44639
 Ion Ratio Lower Upper
 162 100
 164 57.9 41.3 81.3
 98 29.1 8.3 48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 33.898 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion:180 Resp: 38937
 Ion Ratio Lower Upper
 180 100
 182 92.3 78.1 117.1
 145 28.7 23.1 34.7

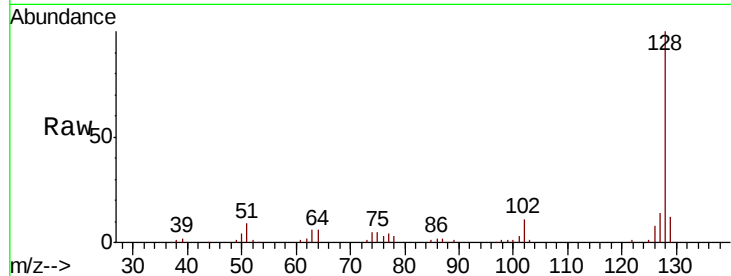




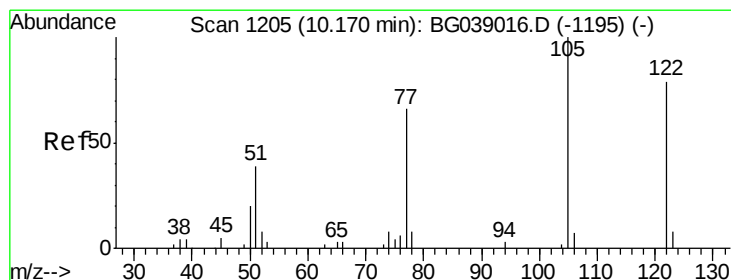
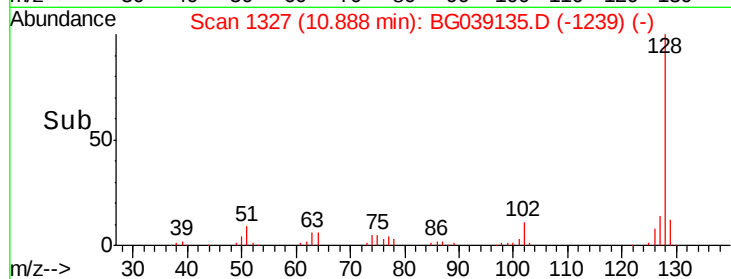
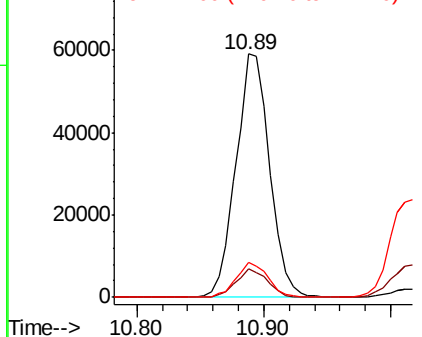
#31
Naphthalene
Concen: 39.565 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tgt Ion:128 Resp: 108633
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 14.3 11.2 16.8

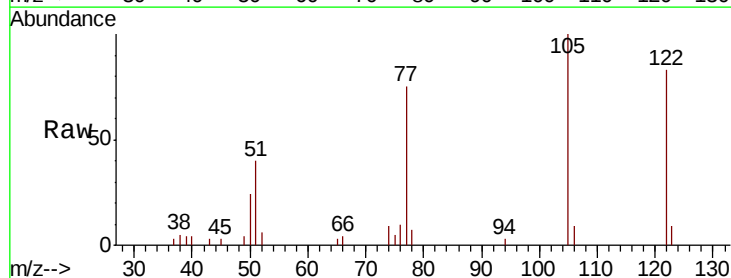


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

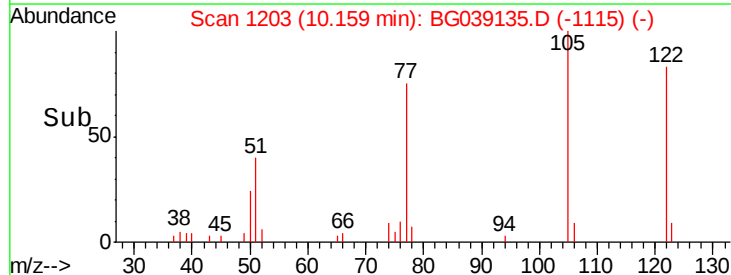
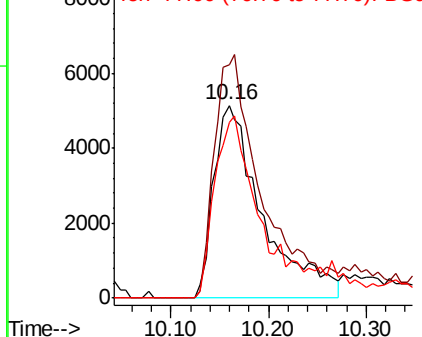


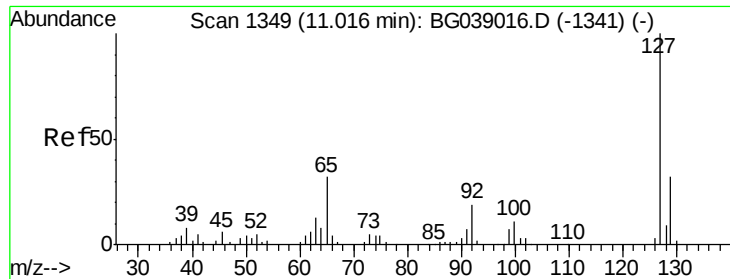
#32
Benzoic acid
Concen: 39.687 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion:122 Resp: 17819
Ion Ratio Lower Upper
122 100
105 121.1 106.4 146.4
77 91.1 63.6 103.6



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

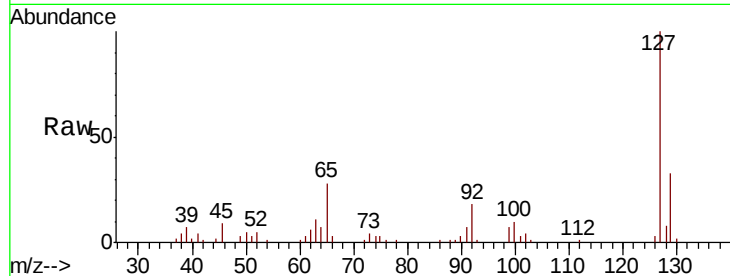




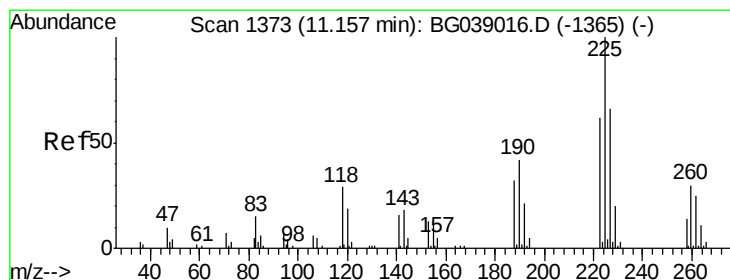
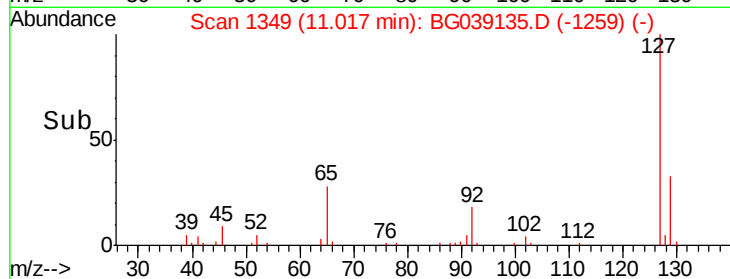
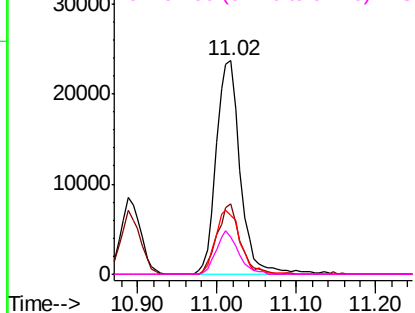
#33
4-Chloroaniline
Concen: 40.783 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tgt Ion:	127	Resp:	50104
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.4	38.0
65	27.6	25.4	38.0
92	17.7	15.2	22.8

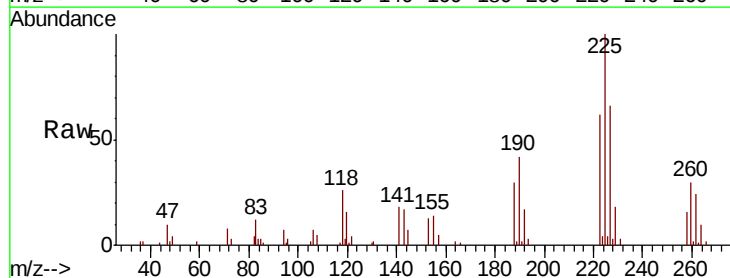


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

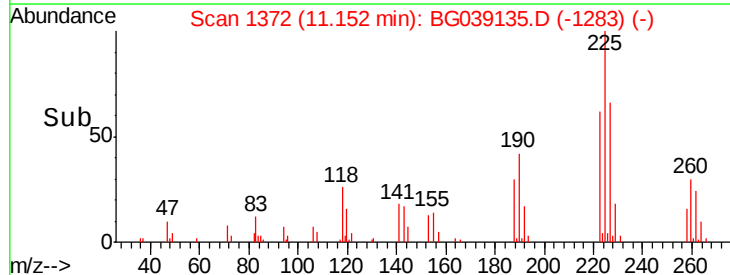
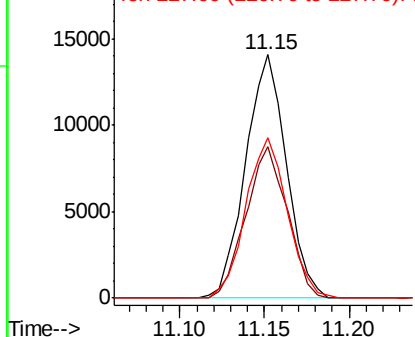


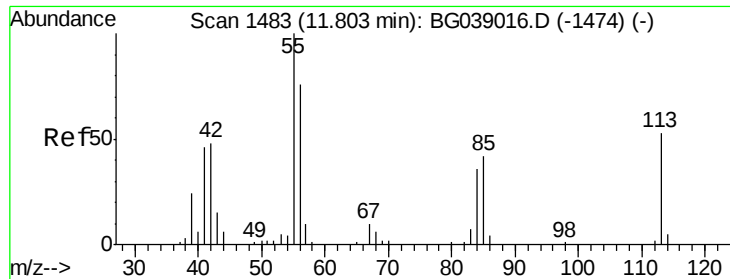
#34
Hexachlorobutadiene
Concen: 29.923 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion:	225	Resp:	23650
Ion	Ratio	Lower	Upper
225	100		
223	59.7	50.2	75.4
227	66.2	53.2	79.8



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





#35

Caprolactam

Concen: 52.884 ng

RT: 11.79 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

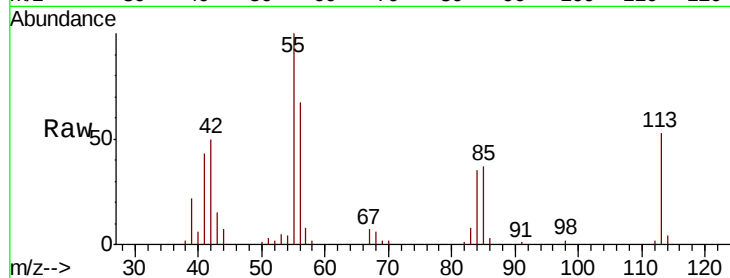
Tgt Ion:113 Resp: 20273

Ion Ratio Lower Upper

113 100

55 190.0 168.6 208.6

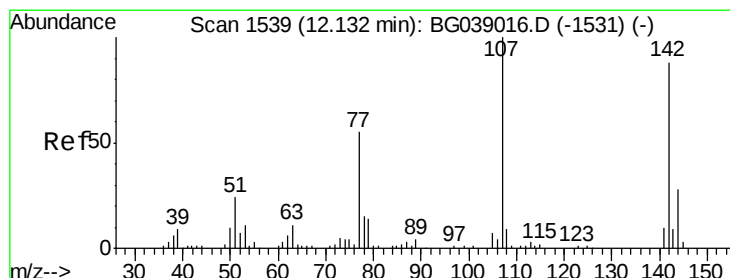
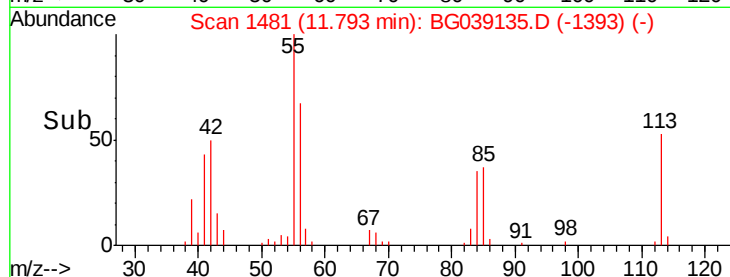
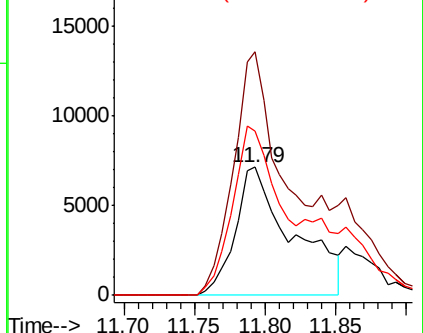
56 128.1 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 60.359 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

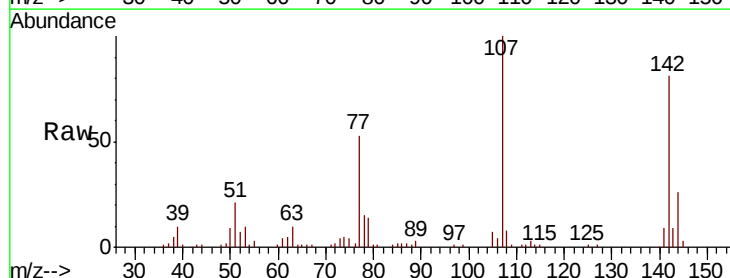
Tgt Ion:107 Resp: 61716

Ion Ratio Lower Upper

107 100

144 25.7 22.6 34.0

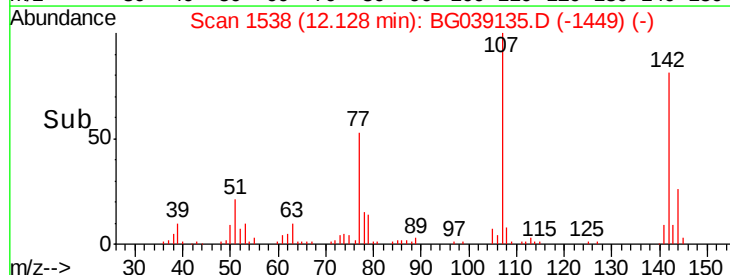
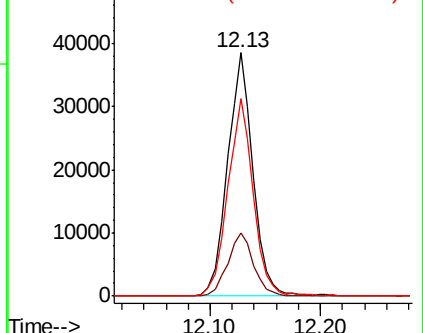
142 81.1 70.2 105.4

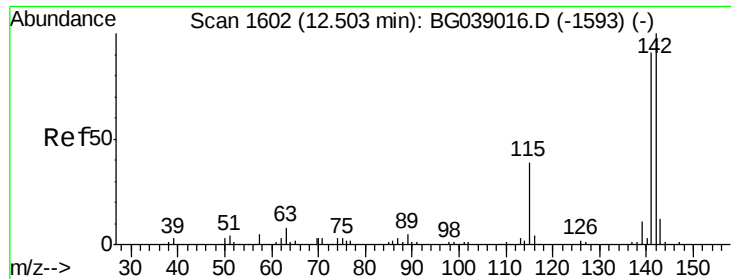


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

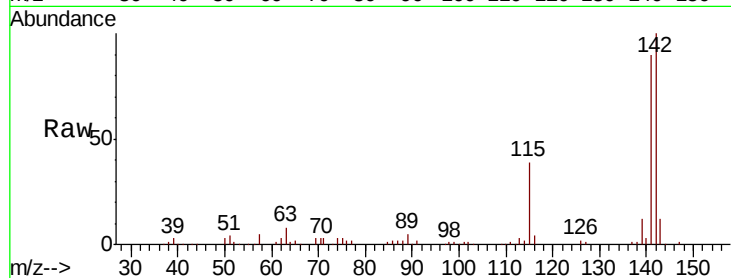




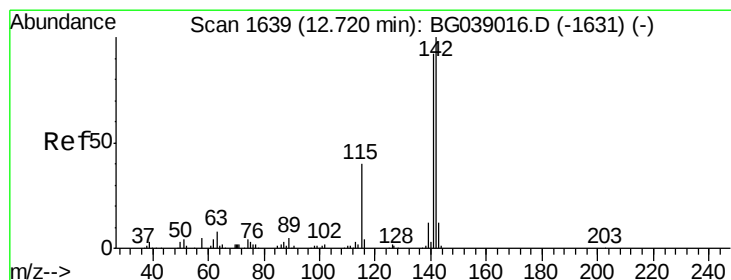
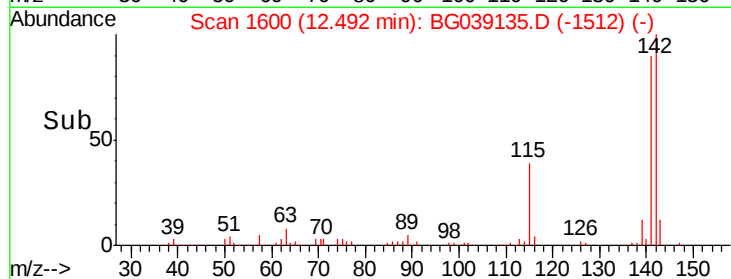
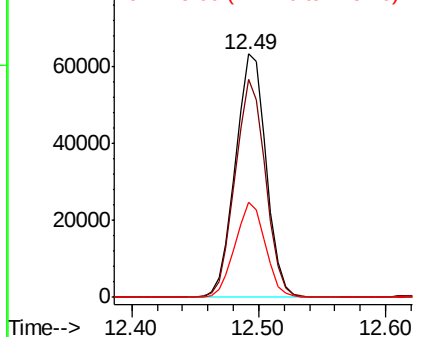
#37
 2-Methylnaphthalene
 Concen: 51.504 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tgt Ion:142 Resp: 106023
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.6 109.0
 115 39.0 31.1 46.7

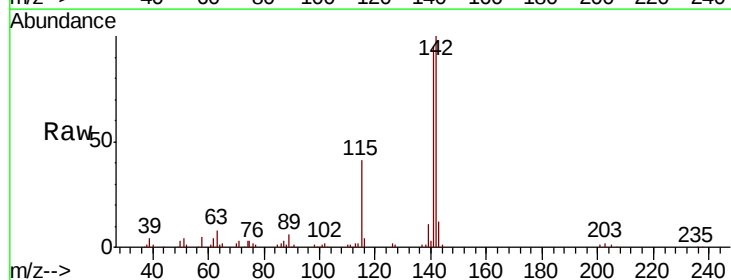


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

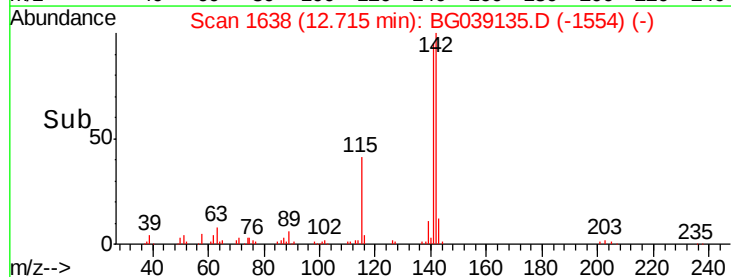
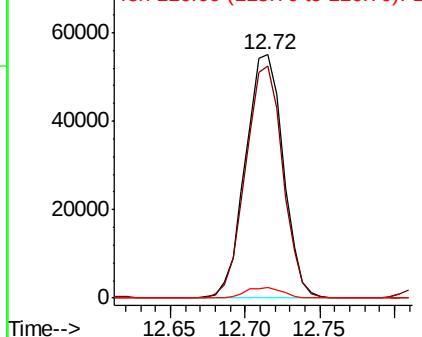


#38
 1-Methylnaphthalene
 Concen: 48.665 ng
 RT: 12.72 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion:142 Resp: 96155
 Ion Ratio Lower Upper
 142 100
 141 95.4 73.3 109.9
 116 4.3 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

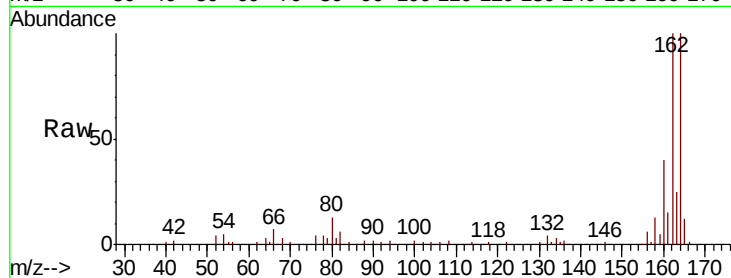
Tgt Ion:164 Resp: 53170

Ion Ratio Lower Upper

164 100

162 100.4 87.2 130.8

160 39.9 33.3 49.9

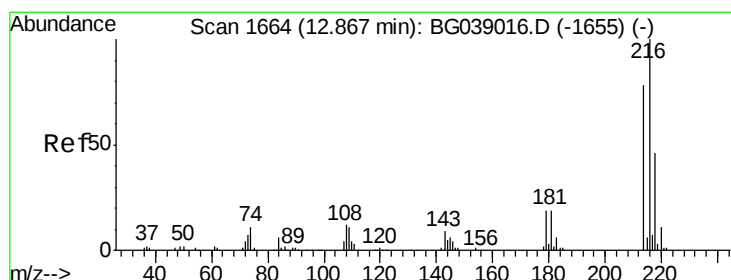
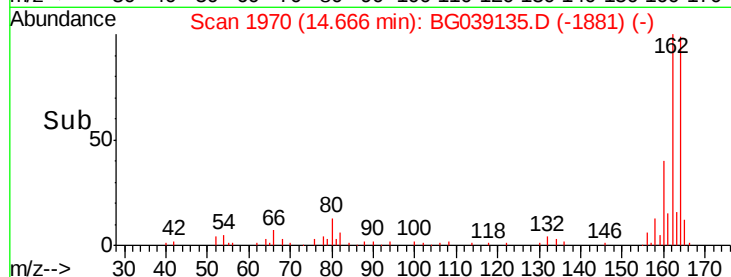
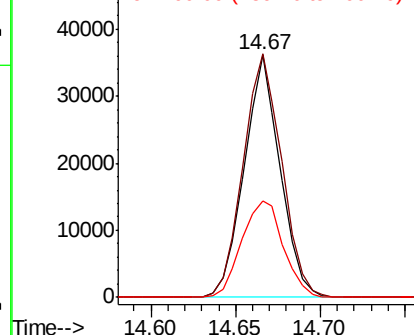


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 31.583 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Tgt Ion:216 Resp: 63067

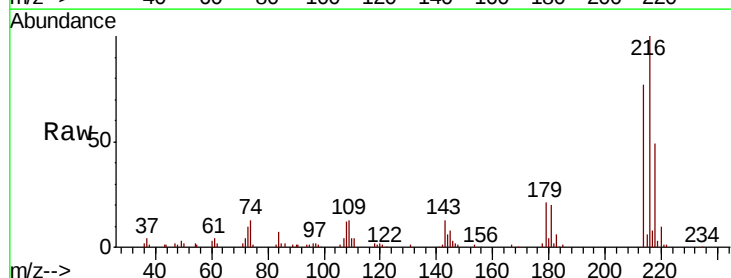
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.2

179 20.2 15.5 23.3

108 15.7 11.4 17.2



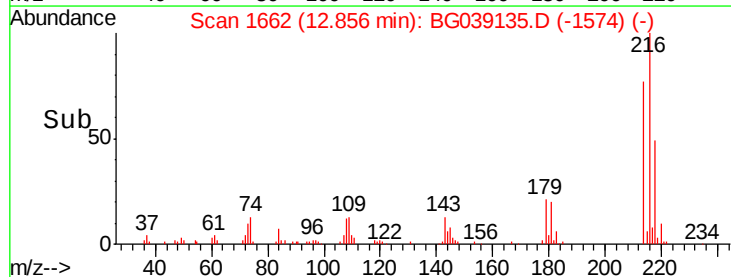
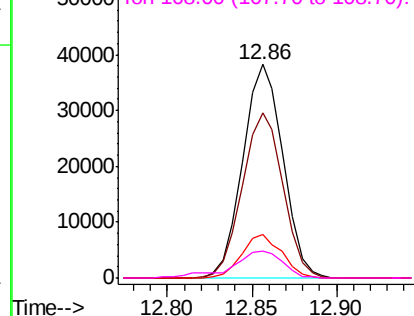
Abundance

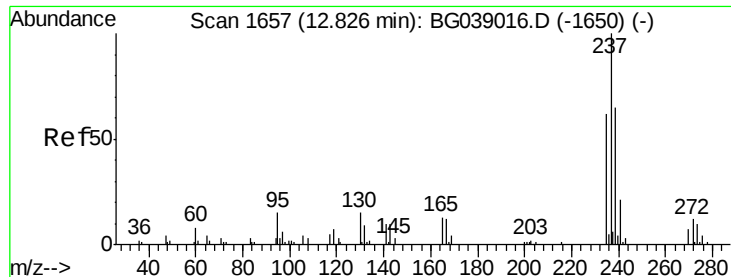
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 47.149 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

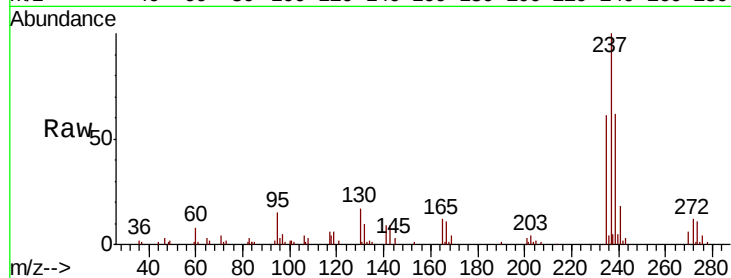
Tgt Ion: 237 Resp: 50173

Ion Ratio Lower Upper

237 100

235 60.8 41.7 81.7

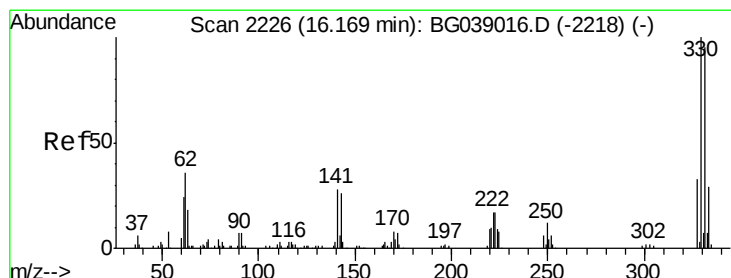
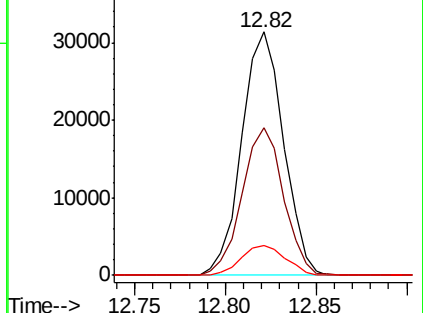
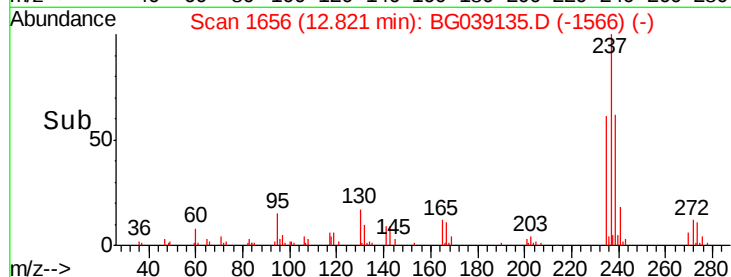
272 12.4 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 175.840 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

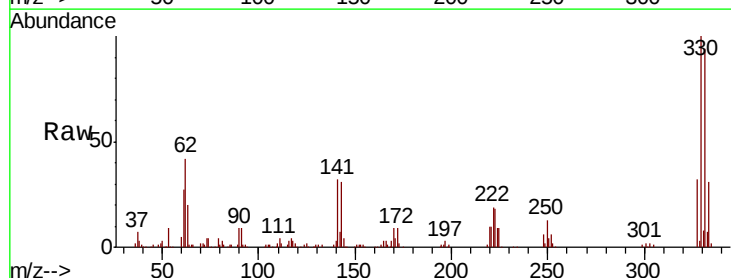
Tgt Ion: 330 Resp: 156722

Ion Ratio Lower Upper

330 100

332 94.8 75.7 113.5

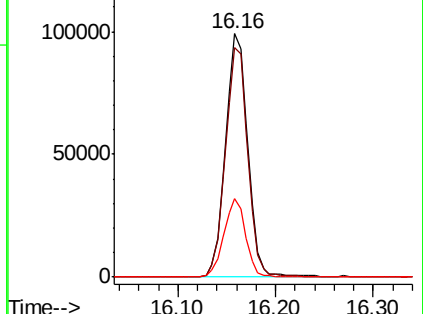
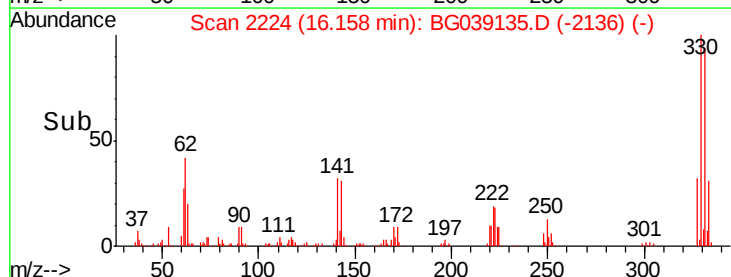
141 31.5 24.9 37.3

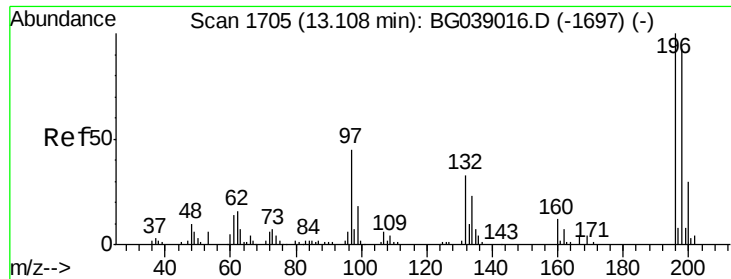


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

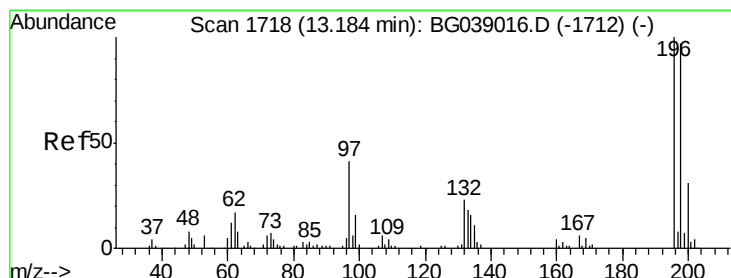
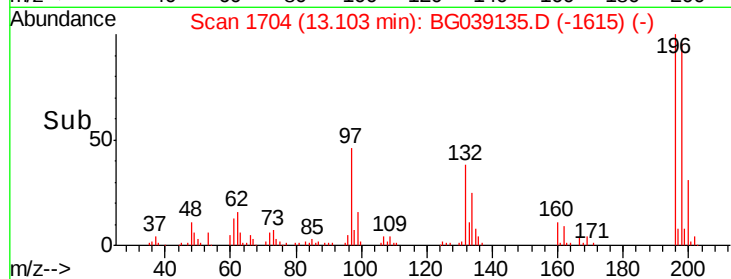
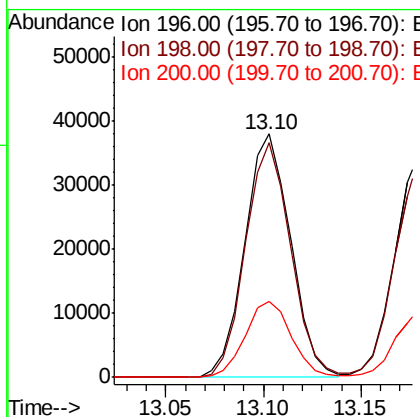
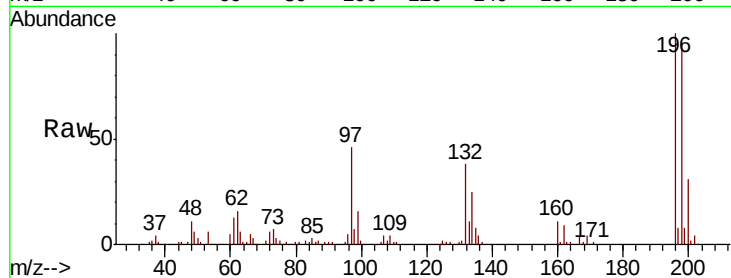




#43
 2,4,6-Trichlorophenol
 Concen: 49.216 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

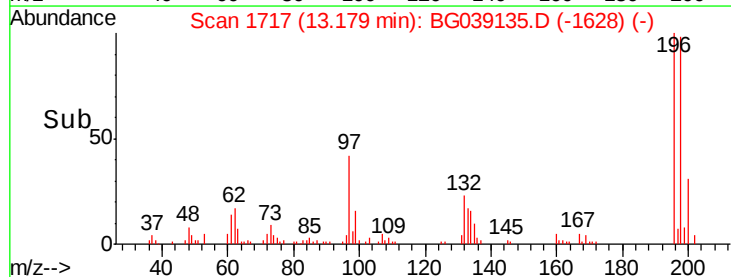
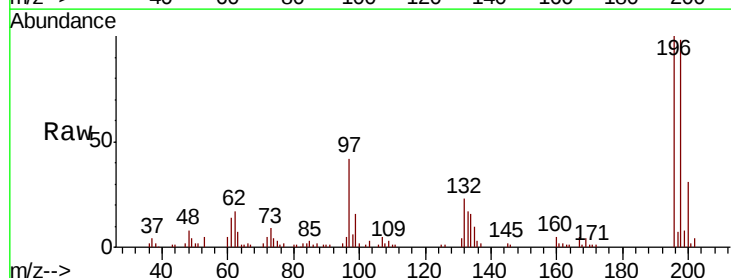
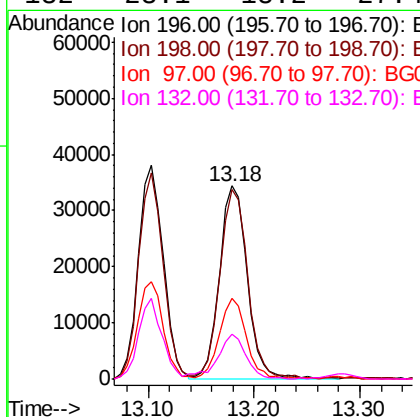
Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

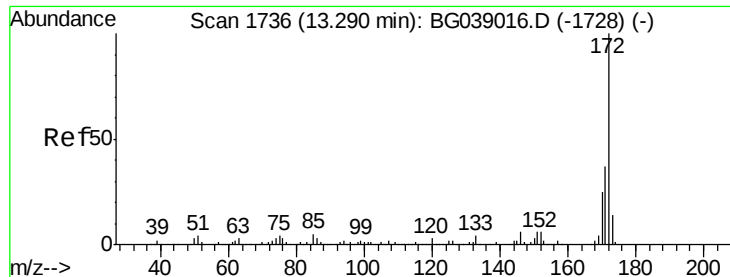
Tgt Ion:196 Resp: 61853
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.5 111.7
 200 31.1 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 47.717 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion:196 Resp: 63382
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.1 117.1
 97 41.7 33.2 49.8
 132 23.1 18.2 27.4

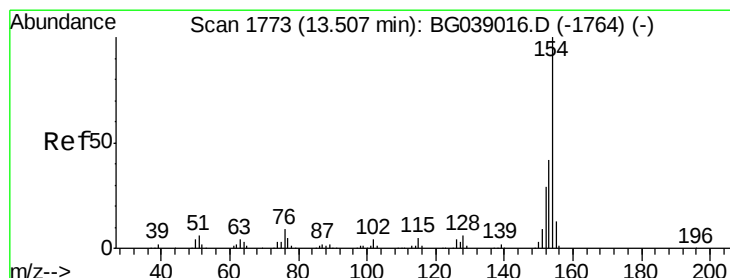
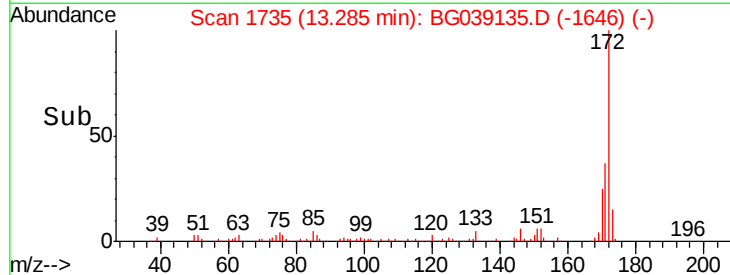
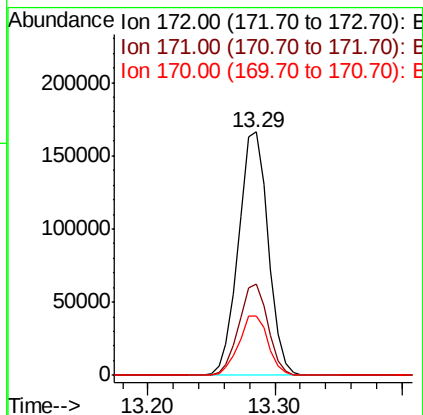
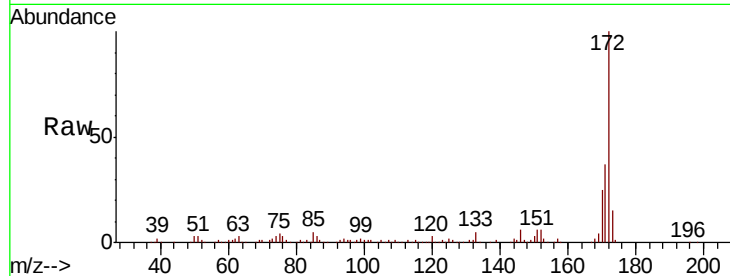




#45
 2-Fluorobiphenyl
 Concen: 69.345 ng
 RT: 13.29 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

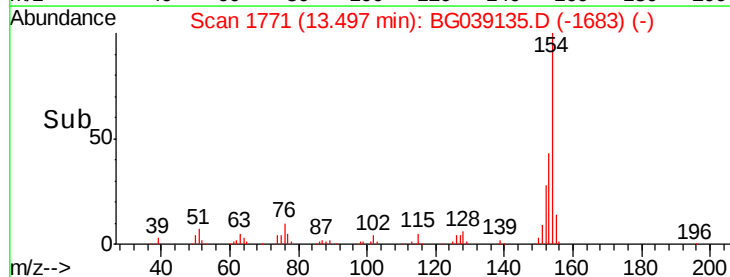
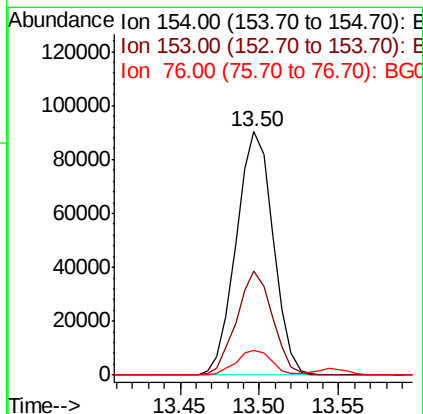
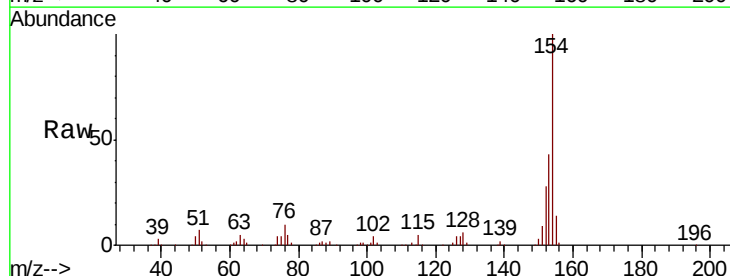
Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tgt Ion:172 Resp: 269411
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.4 44.0
 170 24.6 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 34.634 ng
 RT: 13.50 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion:154 Resp: 145914
 Ion Ratio Lower Upper
 154 100
 153 42.8 22.4 62.4
 76 10.0 0.0 29.4

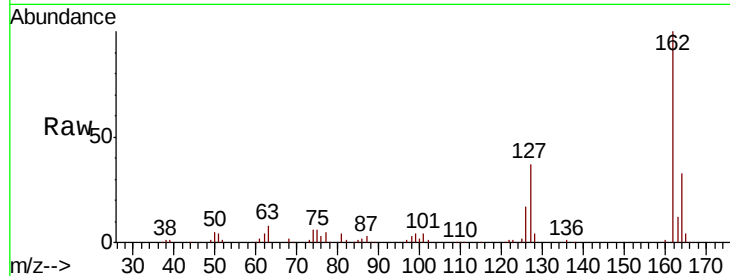




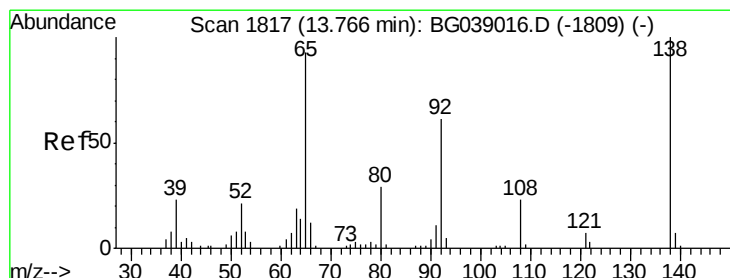
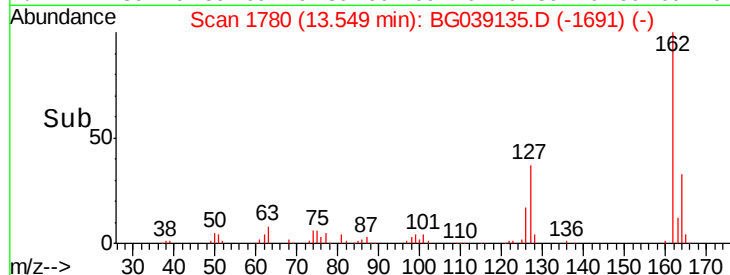
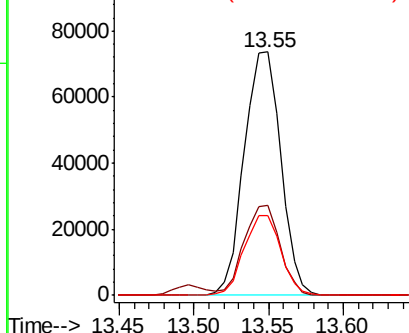
#47
 2-Chloronaphthalene
 Concen: 36.801 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tgt Ion: 162 Resp: 125466
 Ion Ratio Lower Upper
 162 100
 127 37.2 28.4 42.6
 164 32.9 26.3 39.5

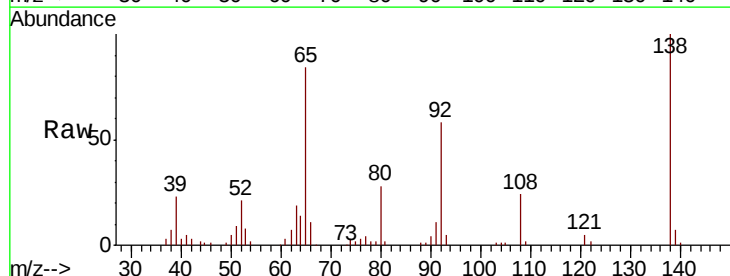


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

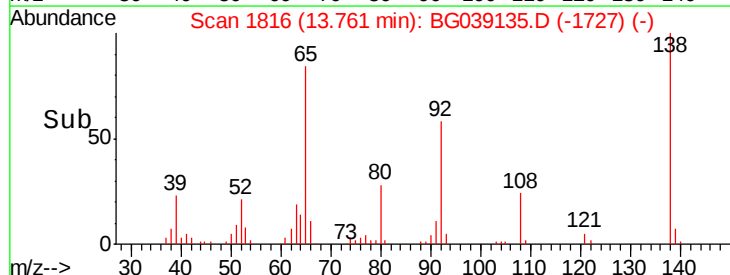
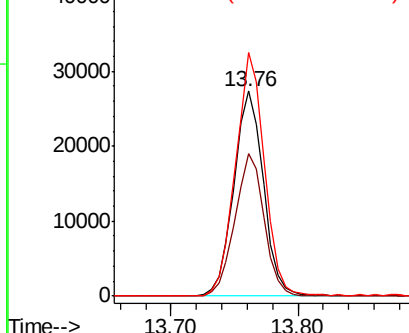


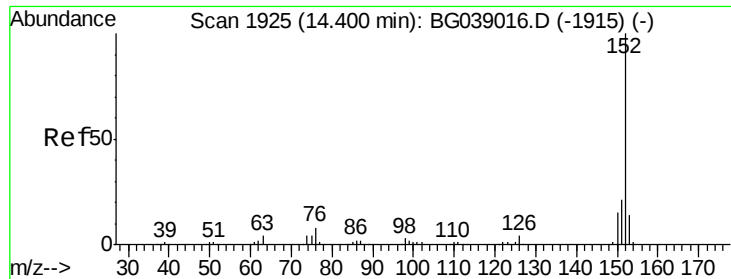
#48
 2-Nitroaniline
 Concen: 46.158 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion: 65 Resp: 44087
 Ion Ratio Lower Upper
 65 100
 92 69.2 52.2 78.4
 138 118.7 86.0 129.0



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





#49

Acenaphthylene

Concen: 41.034 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

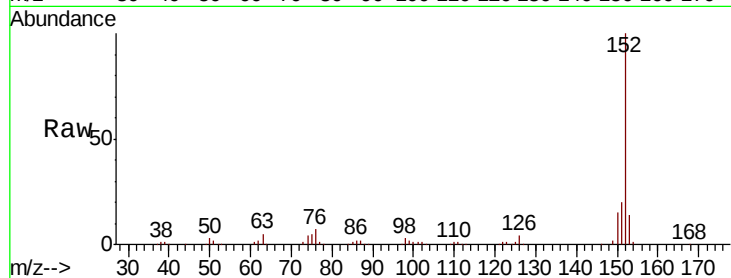
Tgt Ion:152 Resp: 210278

Ion Ratio Lower Upper

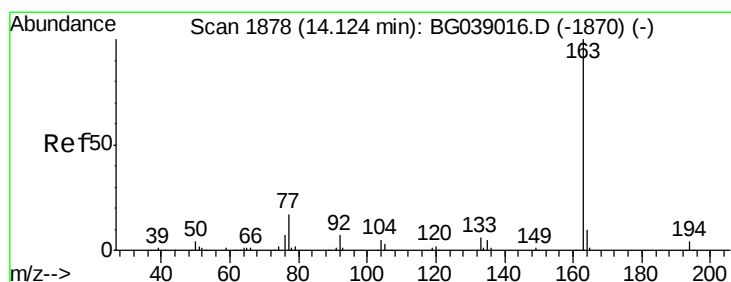
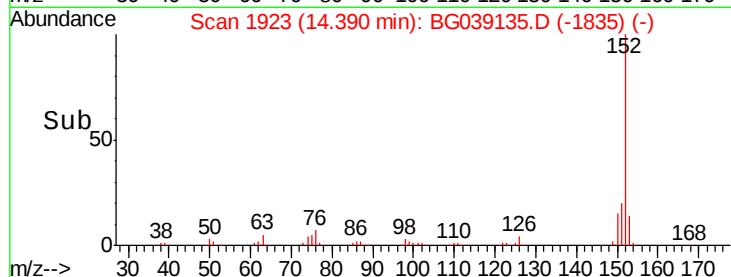
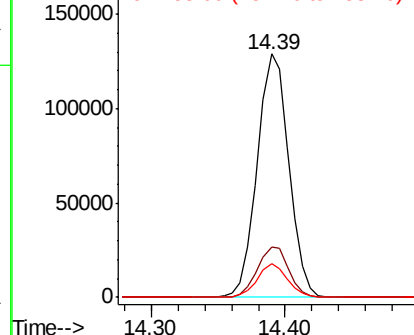
152 100

151 20.5 17.0 25.4

153 13.7 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.054 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

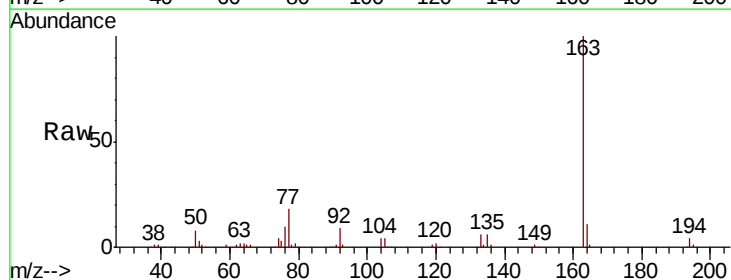
Tgt Ion:163 Resp: 184458

Ion Ratio Lower Upper

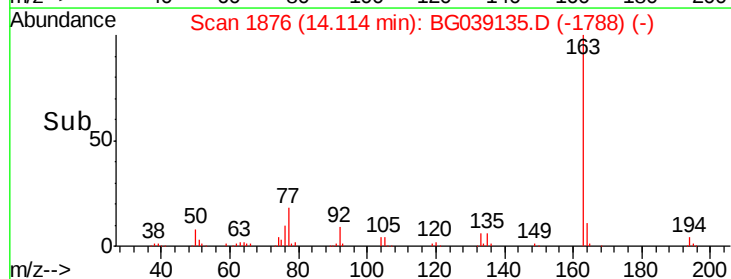
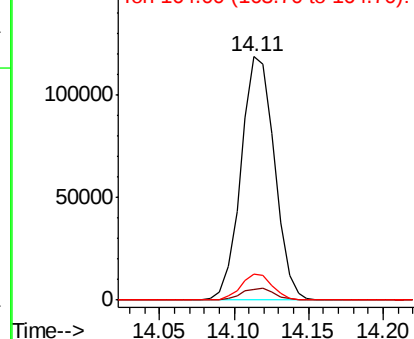
163 100

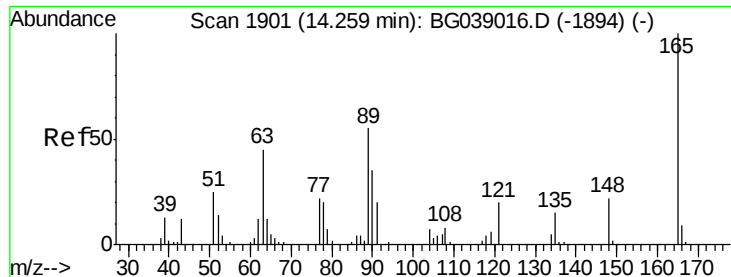
194 4.4 3.6 5.4

164 10.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

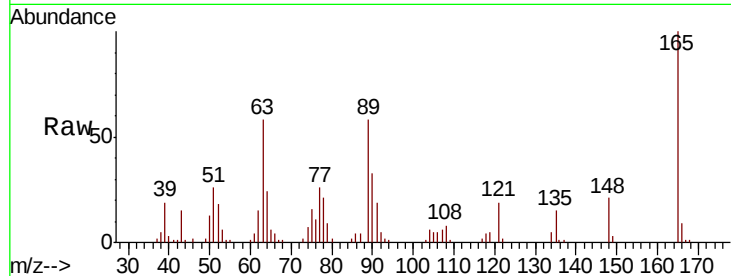




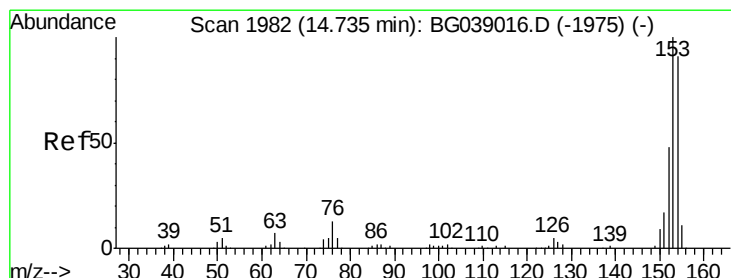
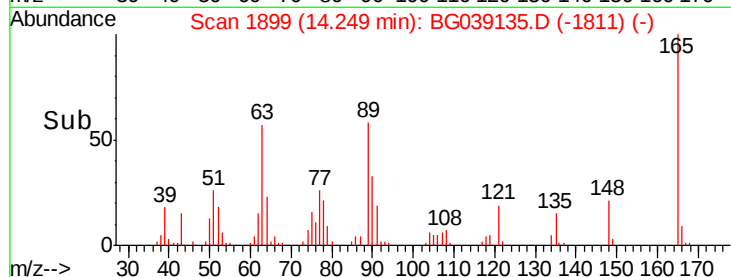
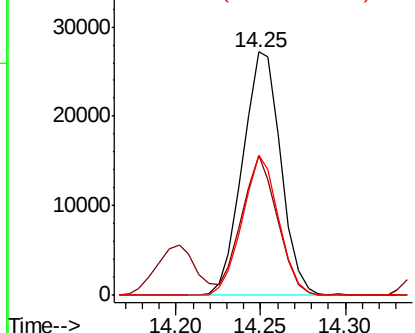
#51
 2,6-Dinitrotoluene
 Concen: 42.572 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tgt Ion:165 Resp: 42765
 Ion Ratio Lower Upper
 165 100
 63 57.6 43.6 65.4
 89 57.6 43.7 65.5

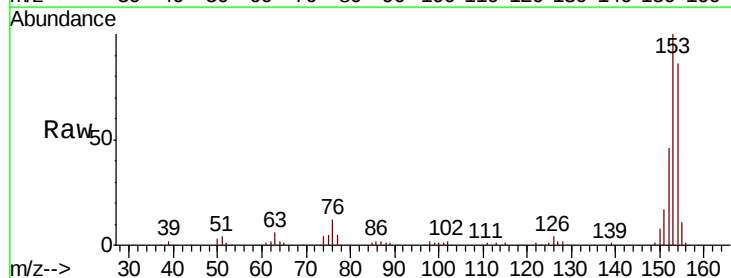


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

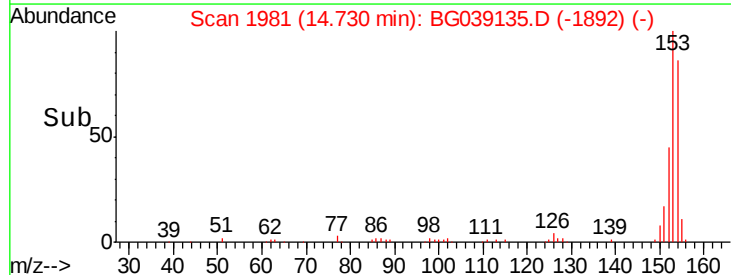
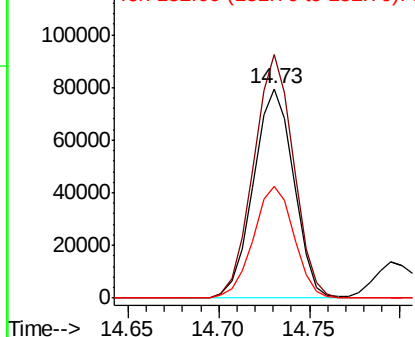


#52
 Acenaphthene
 Concen: 40.037 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion:154 Resp: 123269
 Ion Ratio Lower Upper
 154 100
 153 116.1 87.9 131.9
 152 53.6 42.2 63.2



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





#53

3-Nitroaniline

Concen: 33.672 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

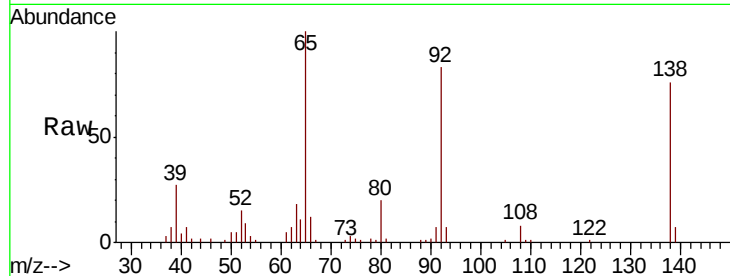
Tgt Ion:138 Resp: 34313

Ion Ratio Lower Upper

138 100

108 11.0 7.4 11.0

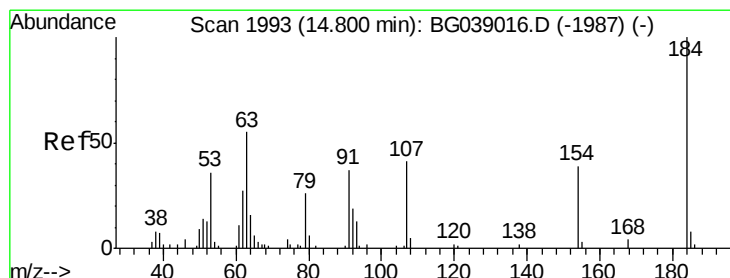
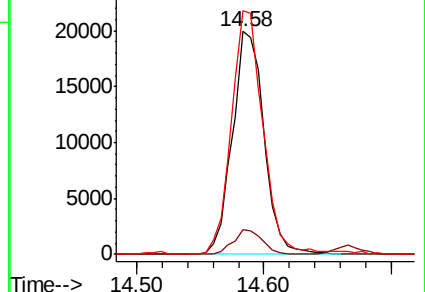
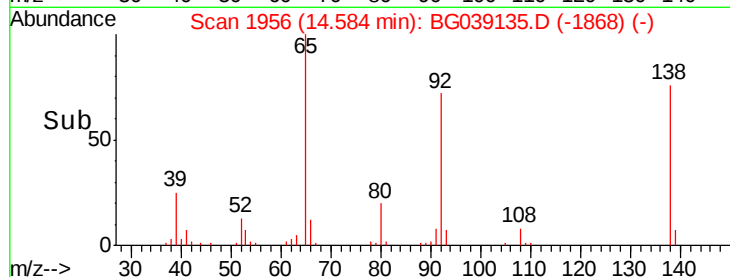
92 109.2 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 69.838 ng

RT: 14.80 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

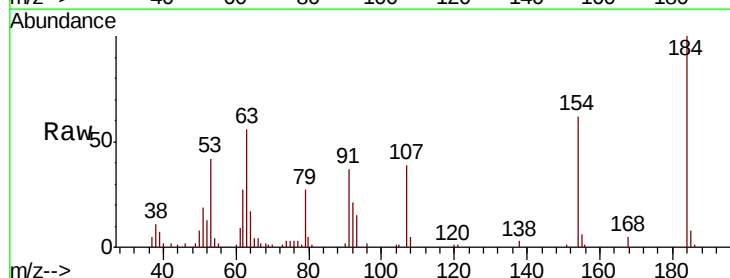
Tgt Ion:184 Resp: 41503

Ion Ratio Lower Upper

184 100

63 55.7 44.0 66.0

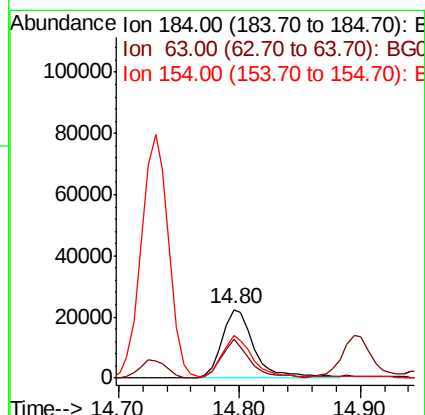
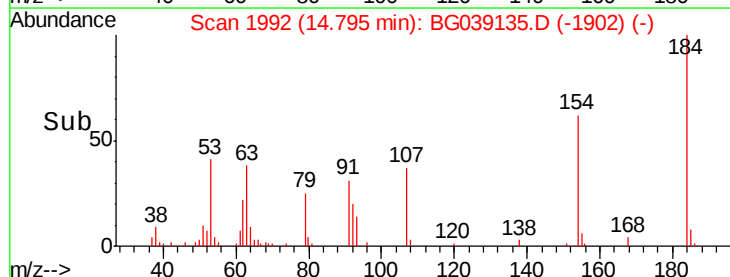
154 61.6 46.1 69.1

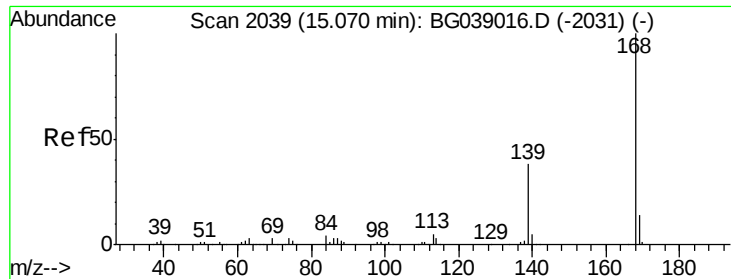


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

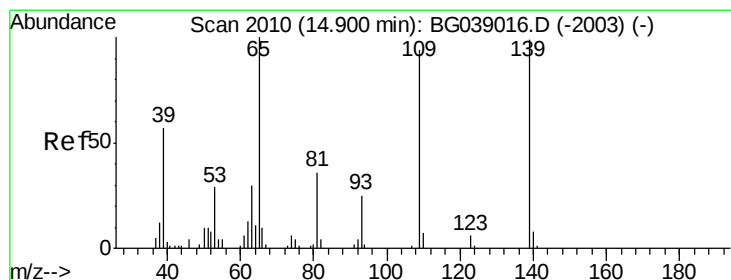
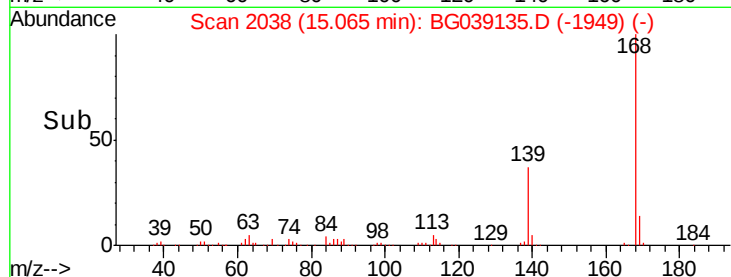
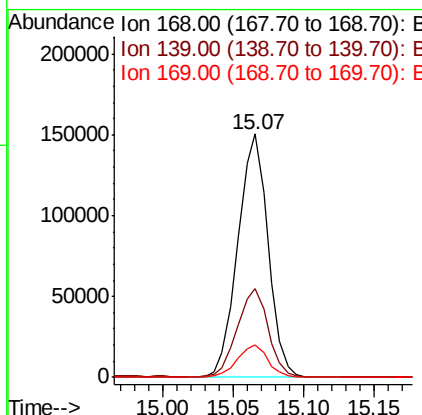
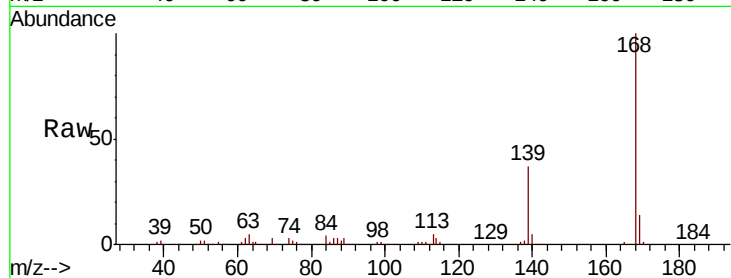




#55
Dibenzenofuran
Concen: 41.349 ng
RT: 15.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

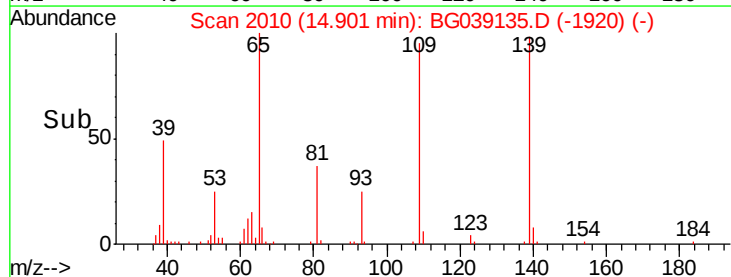
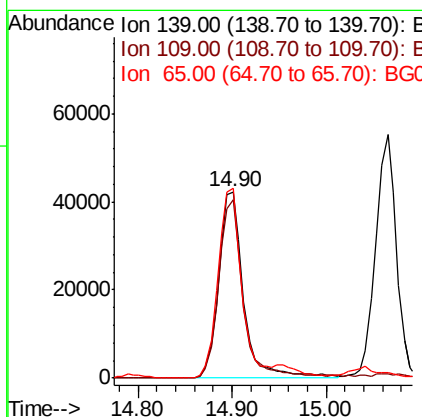
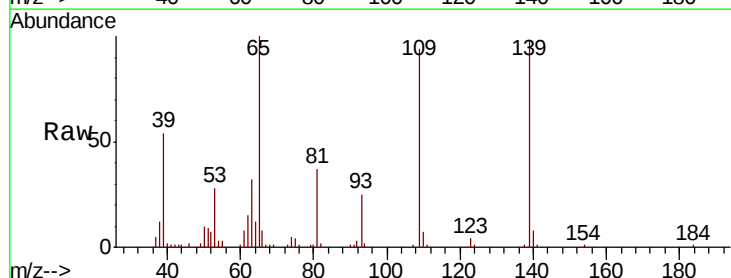
Instrument :
BNA_G
ClientSampleId :
PB116382BS

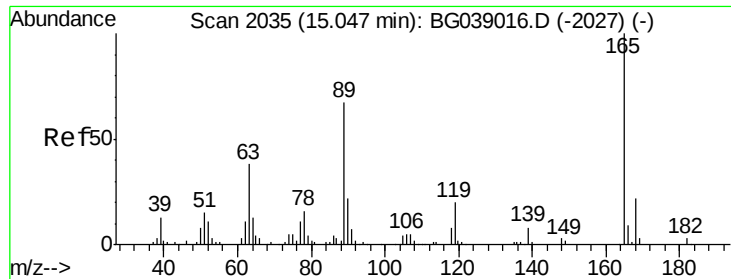
Tgt Ion:168 Resp: 224845
Ion Ratio Lower Upper
168 100
139 36.7 30.1 45.1
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 106.463 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion:139 Resp: 78062
Ion Ratio Lower Upper
139 100
109 96.1 75.6 115.6
65 102.3 81.2 121.2

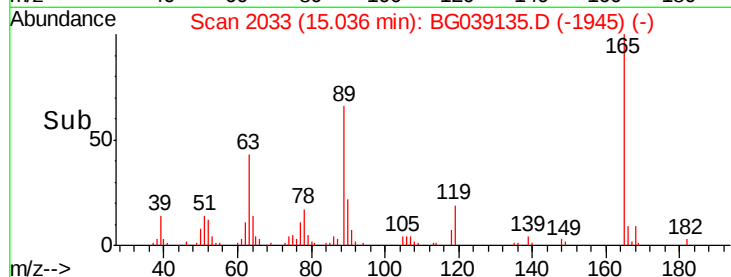
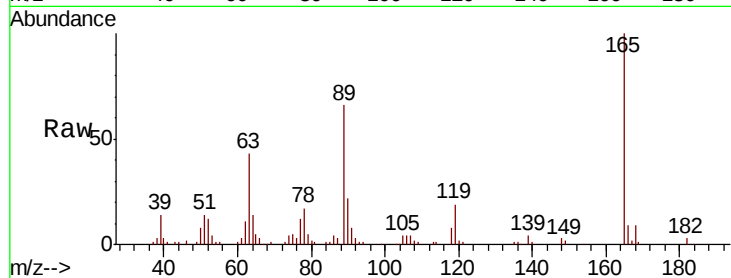




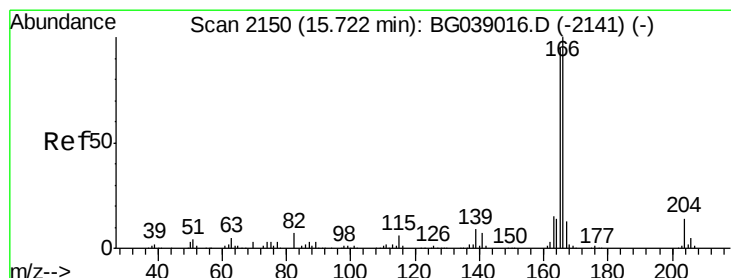
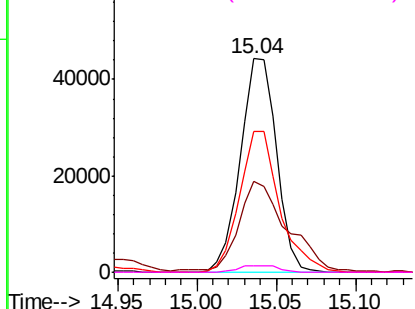
#57
2,4-Dinitrotoluene
Concen: 48.695 ng
RT: 15.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tgt Ion:165 Resp: 70179
Ion Ratio Lower Upper
165 100
63 42.5 30.2 45.4
89 65.8 53.2 79.8
182 3.1 2.7 4.1

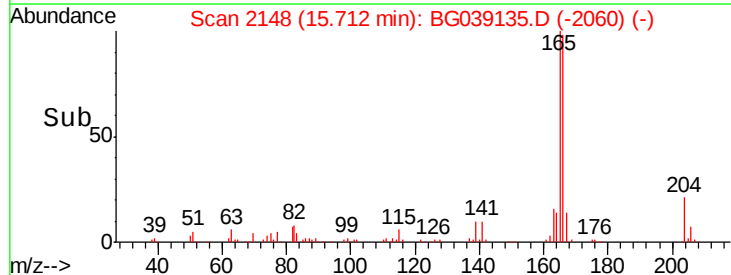
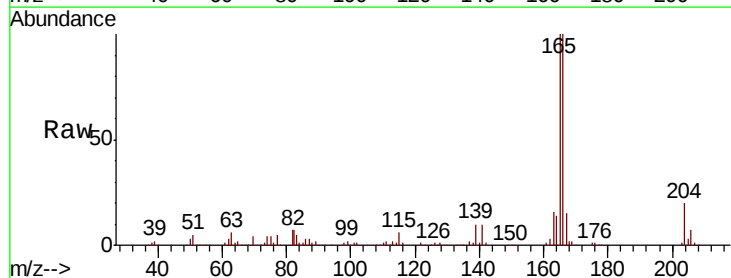


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

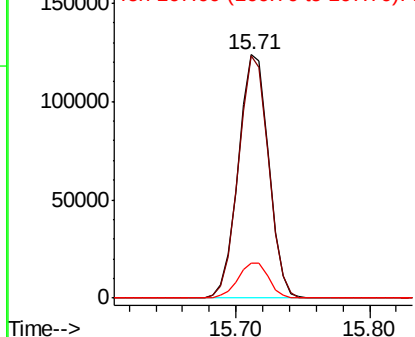


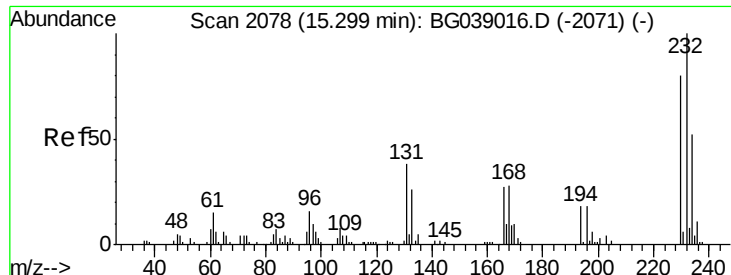
#58
Fluorene
Concen: 47.509 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion:166 Resp: 194457
Ion Ratio Lower Upper
166 100
165 99.5 76.2 114.2
167 14.5 10.6 16.0



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

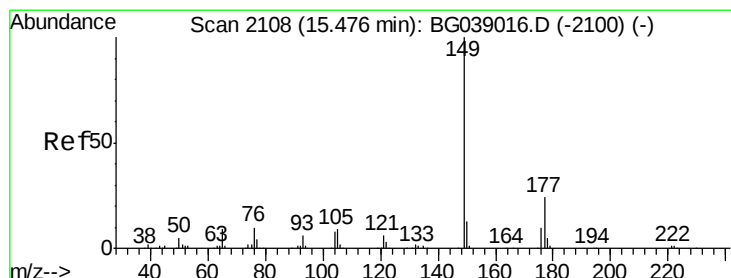
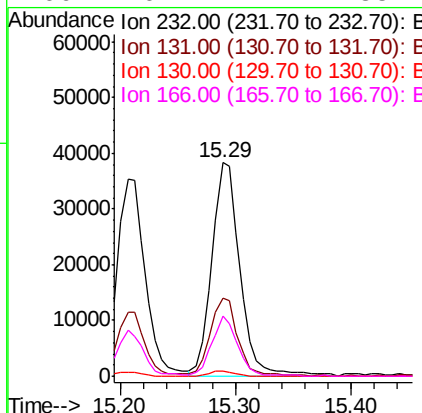
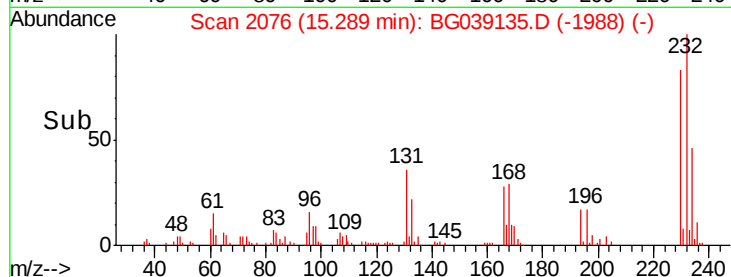
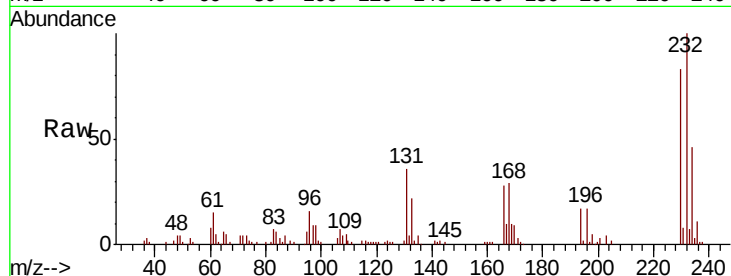




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.947 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

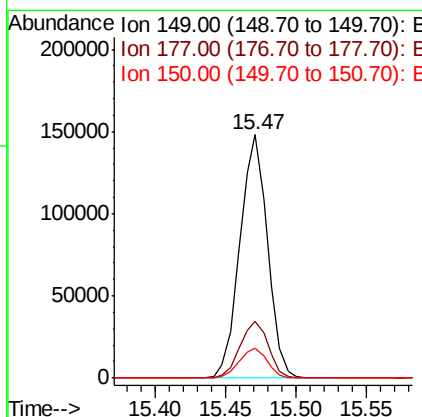
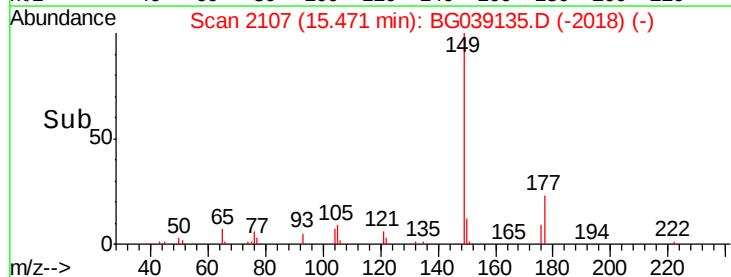
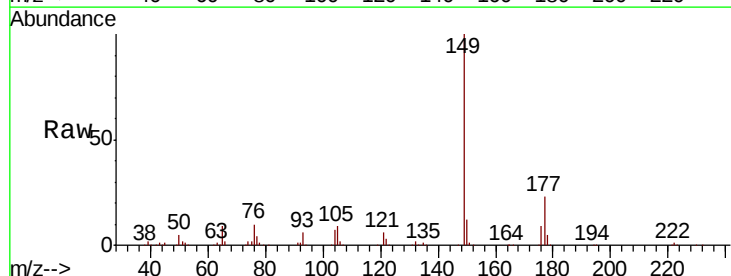
Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

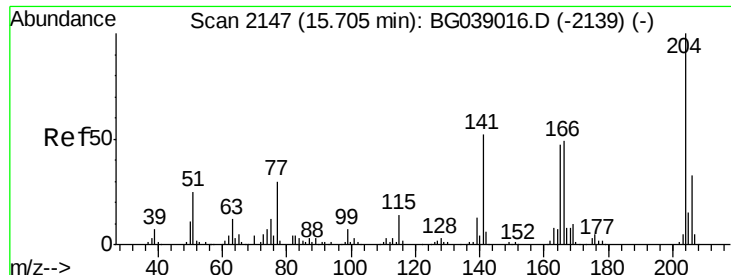
Tgt Ion:	232	Resp:	65134
Ion	Ratio	Lower	Upper
232	100		
131	36.5	30.9	46.3
130	2.1	1.9	2.9
166	26.2	22.1	33.1



#60
 Diethylphthalate
 Concen: 43.626 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion:	149	Resp:	201956
Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.0	28.6
150	12.4	10.2	15.4

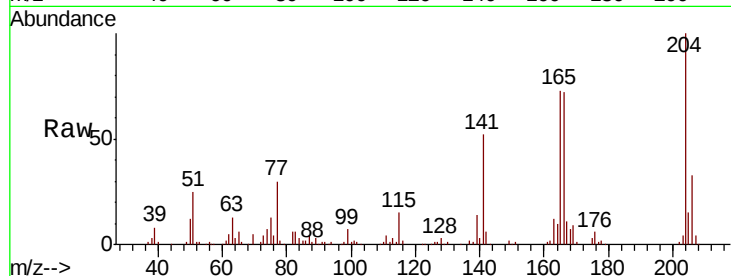




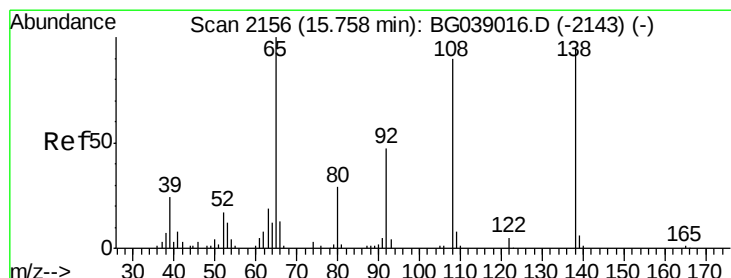
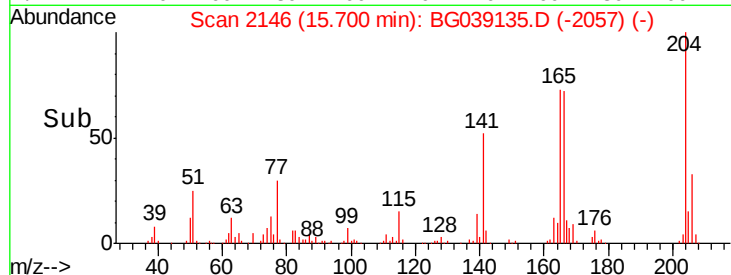
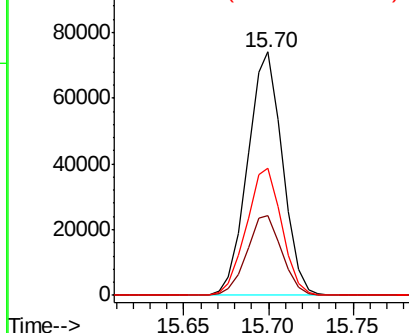
#61
 4-Chlorophenyl-phenylether
 Concen: 40.985 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tgt Ion: 204 Resp: 105687
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.6 39.8
 141 52.1 41.4 62.0

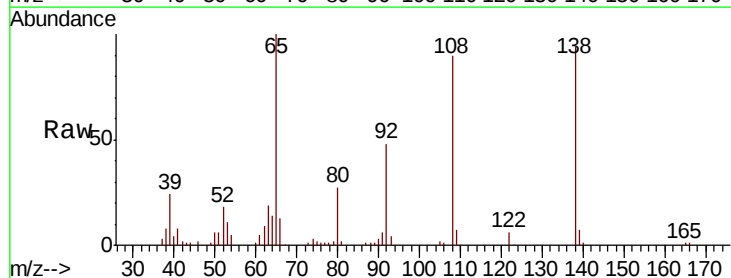


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

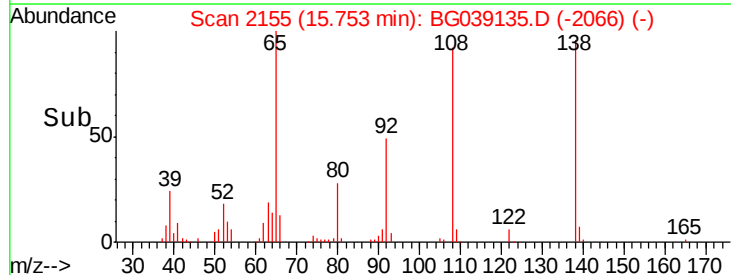
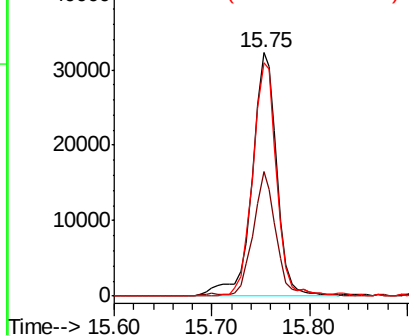


#62
 4-Nitroaniline
 Concen: 54.133 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion: 138 Resp: 57467
 Ion Ratio Lower Upper
 138 100
 92 51.2 29.7 69.7
 108 95.8 75.7 115.7



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





#63

Azobenzene

Concen: 46.245 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

Tgt Ion: 77 Resp: 167416

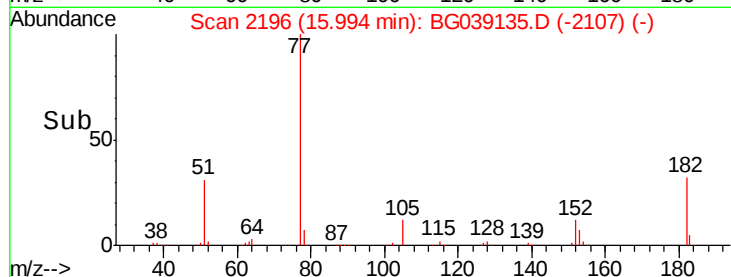
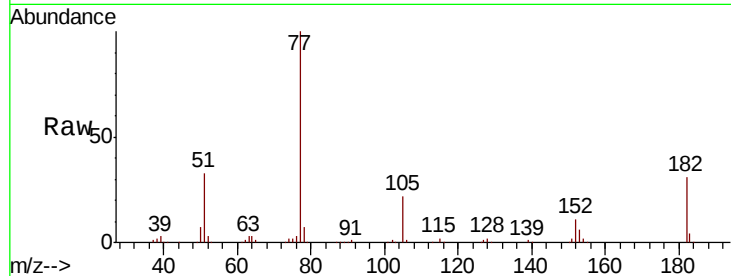
Ion Ratio Lower Upper

77 100

182 30.9 12.2 52.2

105 21.7 1.2 41.2

51 32.6 13.4 53.4

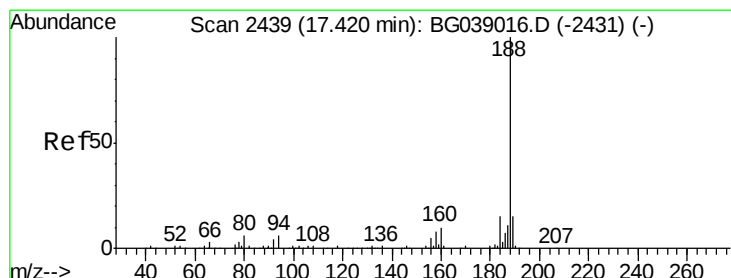
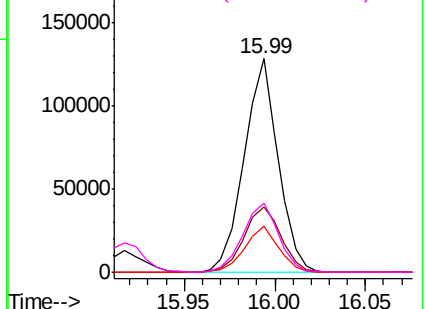


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

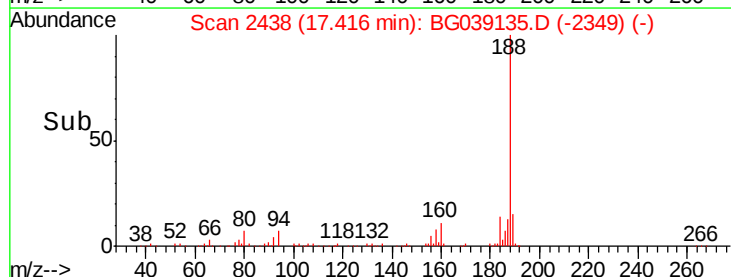
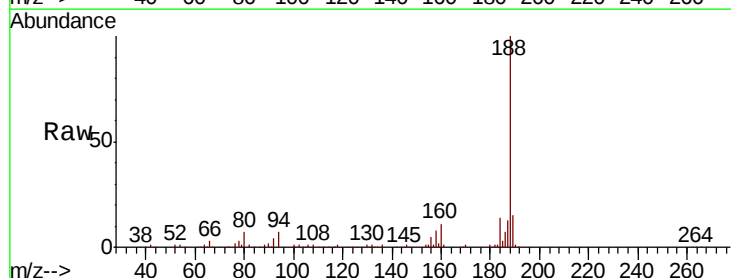
Tgt Ion: 188 Resp: 217442

Ion Ratio Lower Upper

188 100

94 6.6 5.0 7.4

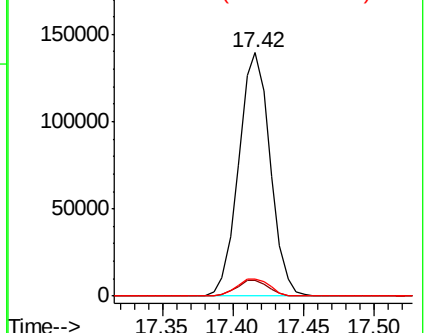
80 7.0 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 27.162 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

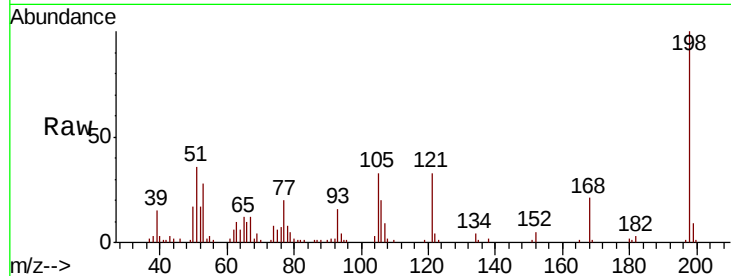
Tgt Ion:198 Resp: 43756

Ion Ratio Lower Upper

198 100

51 36.2 20.8 60.8

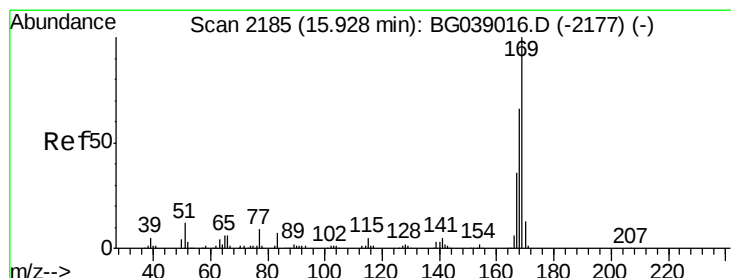
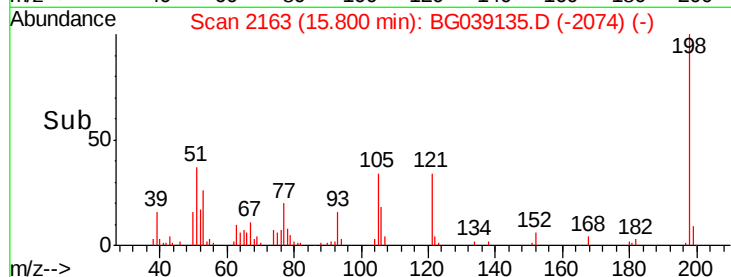
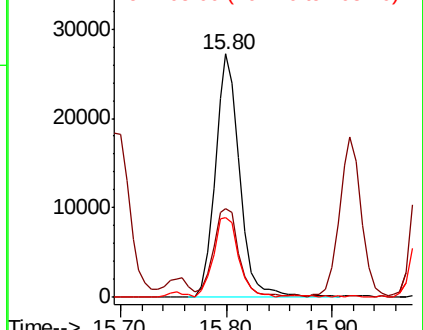
105 32.9 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039135.D (-2074) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 29.126 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

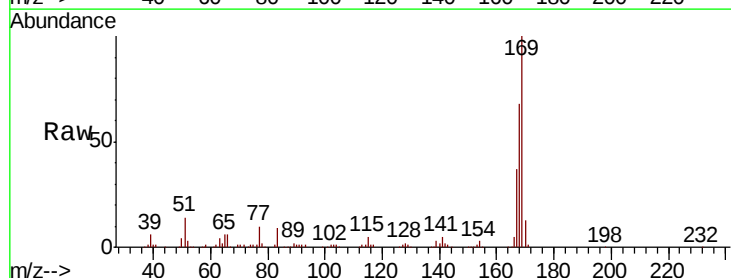
Tgt Ion:169 Resp: 187746

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

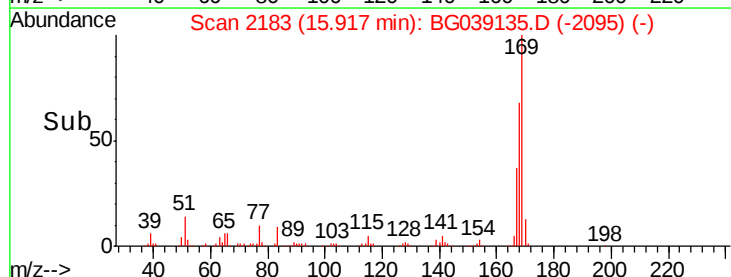
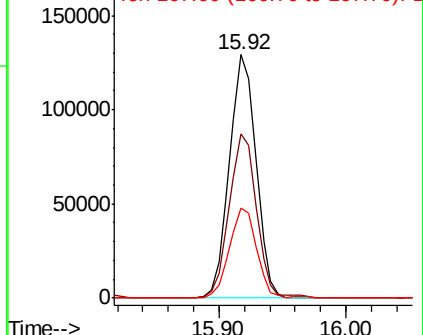
167 37.2 29.1 43.7

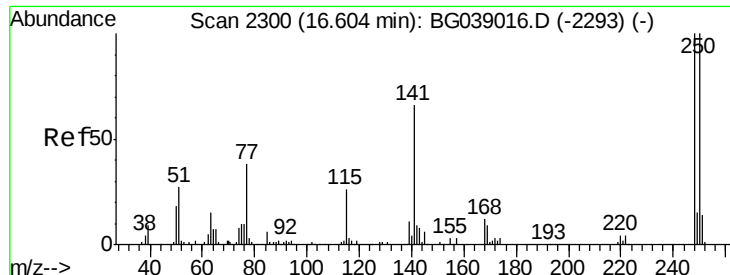


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

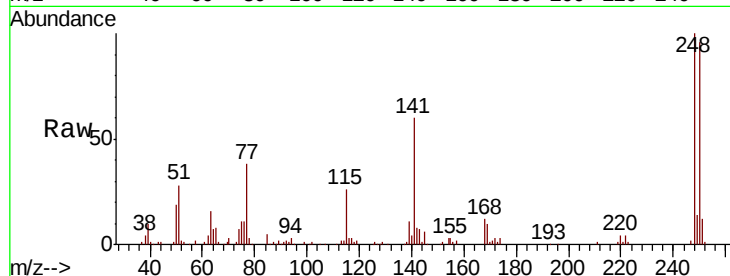




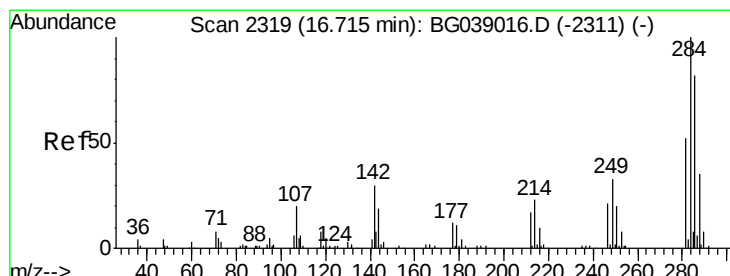
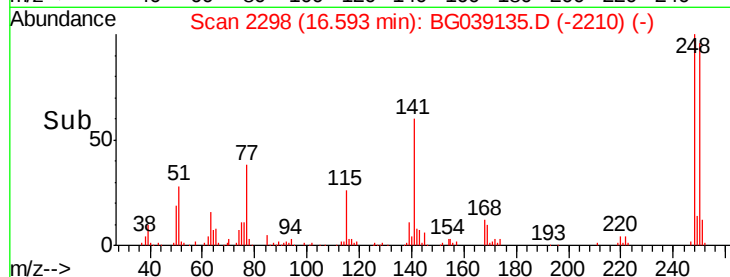
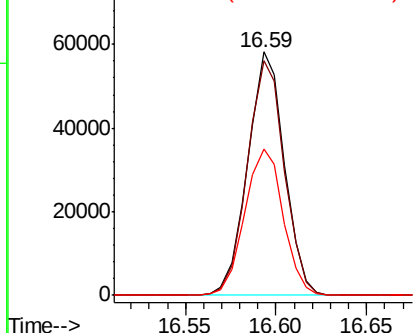
#67
 4-Bromophenyl-phenylether
 Concen: 29.187 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tgt Ion:248 Resp: 81582
 Ion Ratio Lower Upper
 248 100
 250 96.5 79.9 119.9
 141 59.9 52.7 79.1

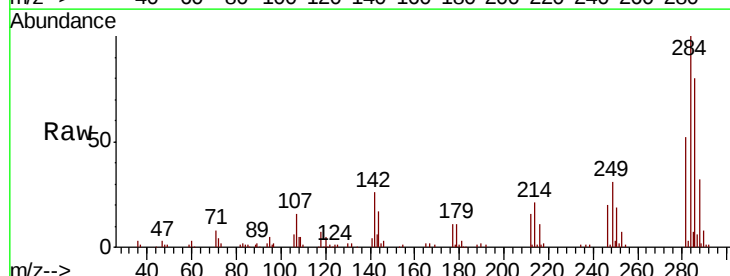


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

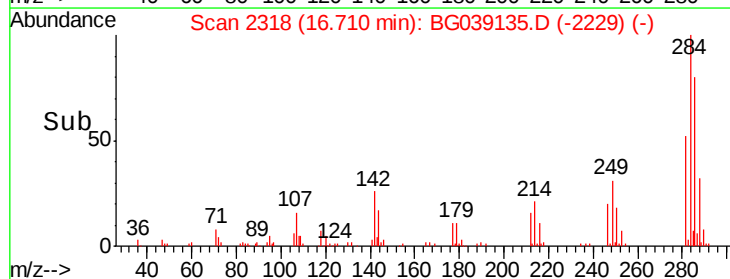
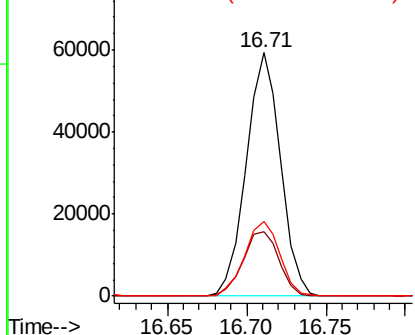


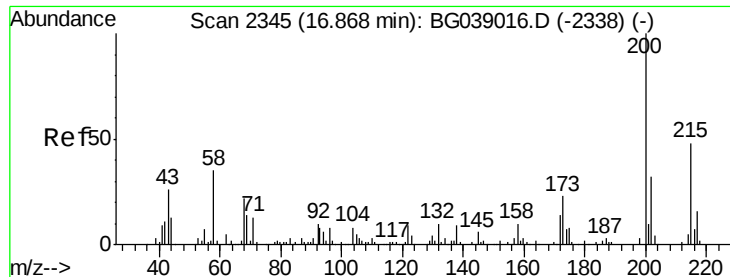
#68
 Hexachlorobenzene
 Concen: 29.161 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Tgt Ion:284 Resp: 88941
 Ion Ratio Lower Upper
 284 100
 142 26.2 24.3 36.5
 249 30.9 27.8 41.8



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





#69

Atrazine

Concen: 32.600 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

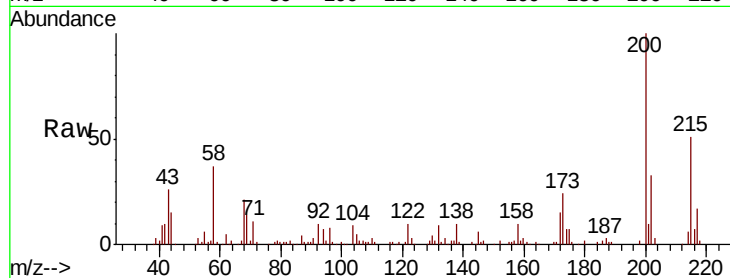
Tgt Ion:200 Resp: 89271

Ion Ratio Lower Upper

200 100

173 24.3 2.6 42.6

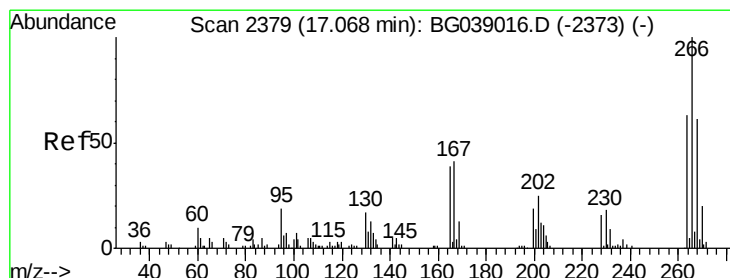
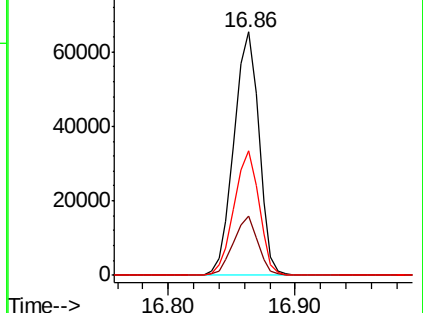
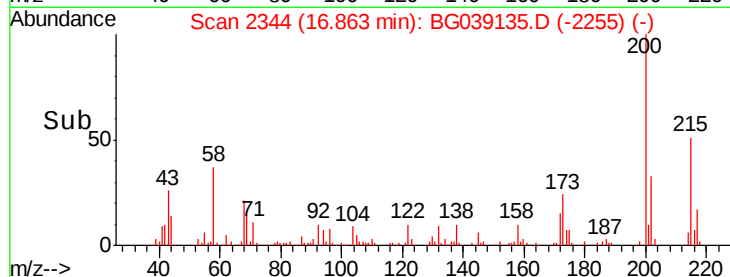
215 51.2 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 53.704 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

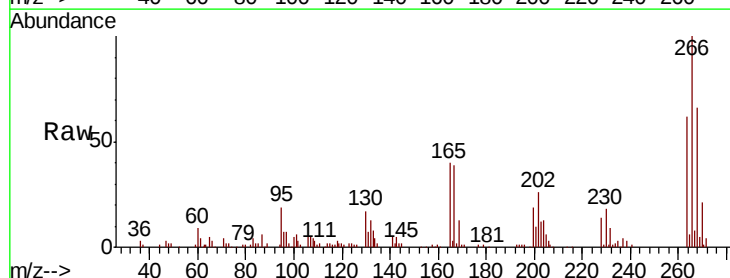
Tgt Ion:266 Resp: 97330

Ion Ratio Lower Upper

266 100

268 70.5 52.0 78.0

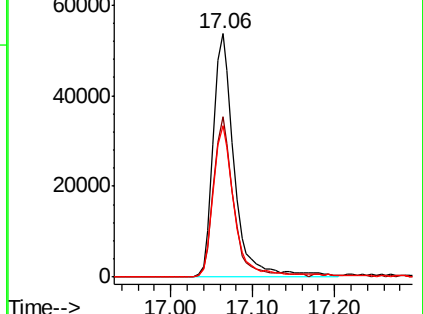
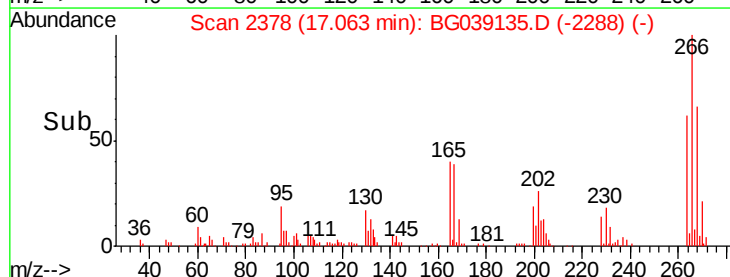
264 67.9 54.6 81.8

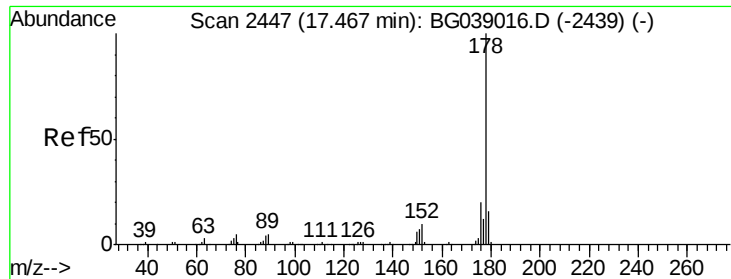


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

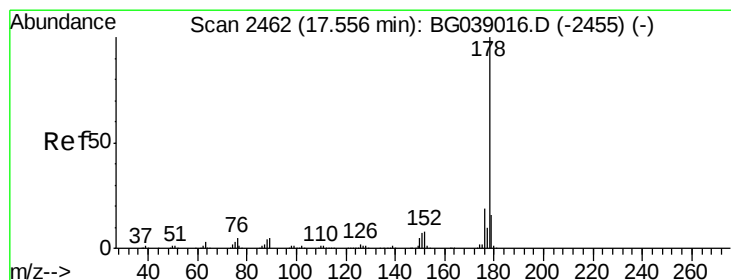
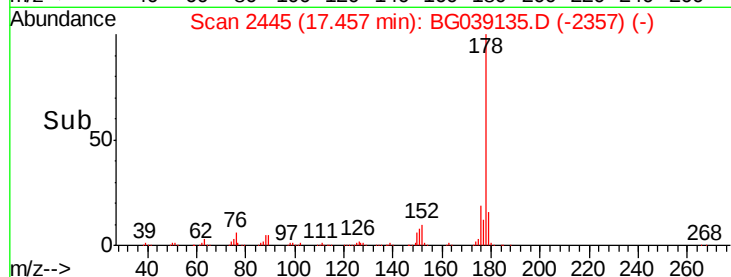
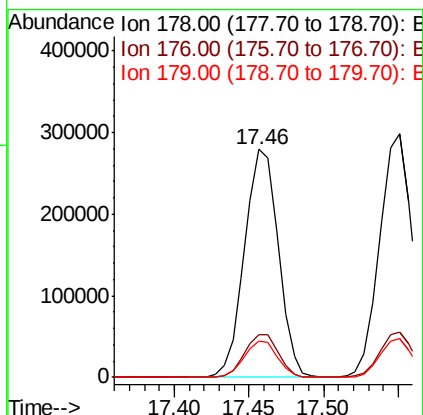
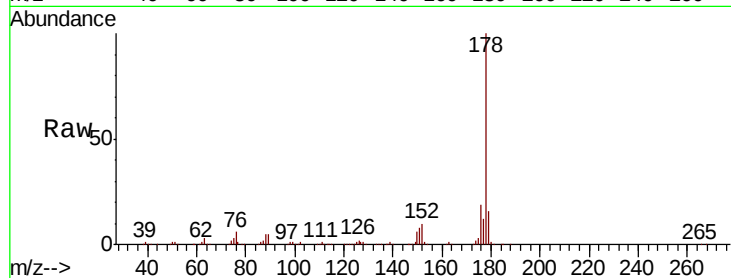




#71
Phenanthrene
Concen: 38.073 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

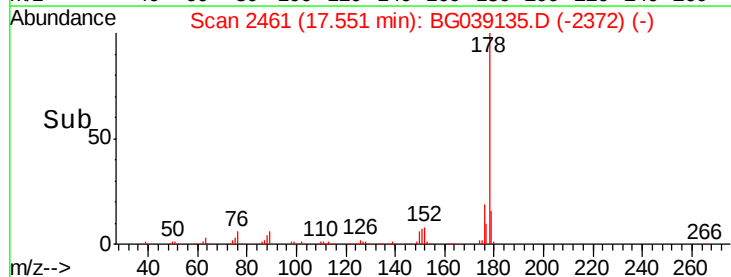
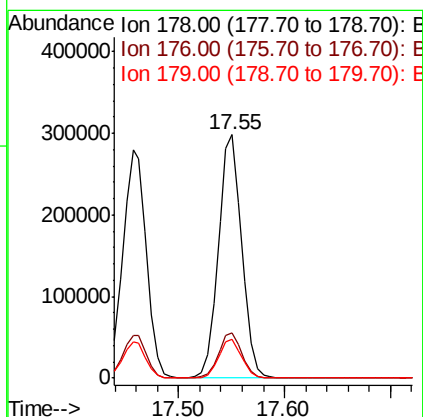
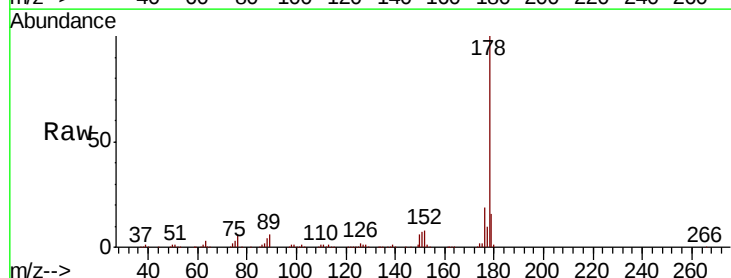
Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tgt Ion:178 Resp: 437585
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 15.7 12.9 19.3



#72
Anthracene
Concen: 40.222 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion:178 Resp: 457077
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 16.0 13.0 19.4

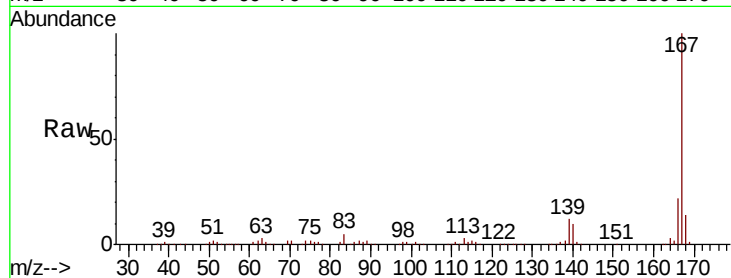




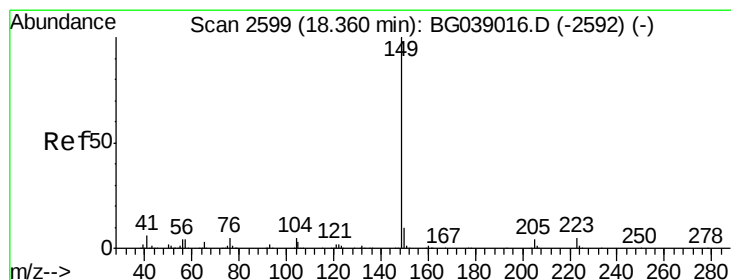
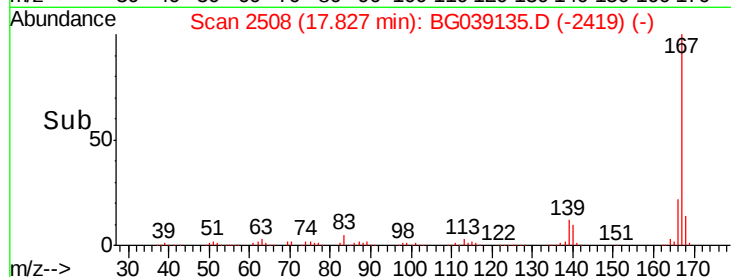
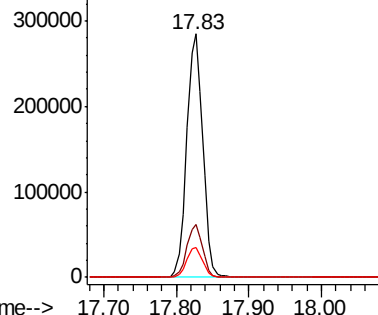
#73
 Carbazole
 Concen: 38.950 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.9	25.3
139	12.4	10.0	15.0

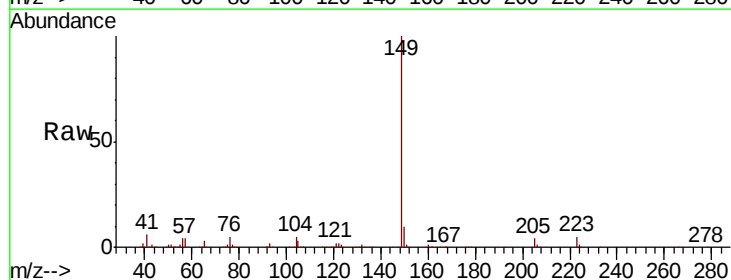


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

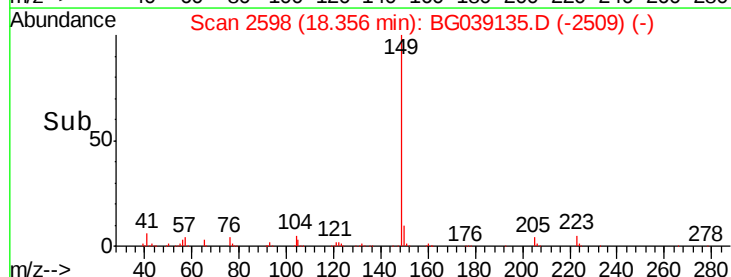
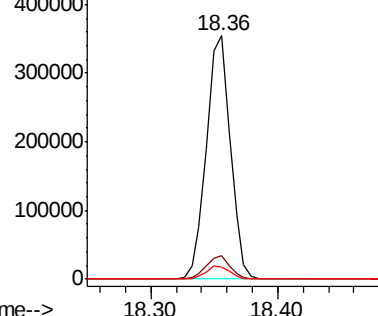


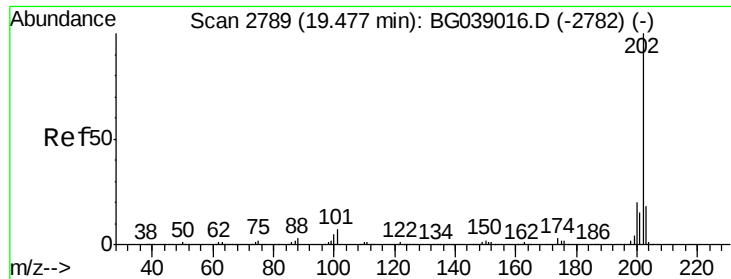
#74
 Di-n-butylphthalate
 Concen: 36.991 ng
 RT: 18.36 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG039135.D
 Acq: 15 Jan 2019 17:16

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



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.216 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

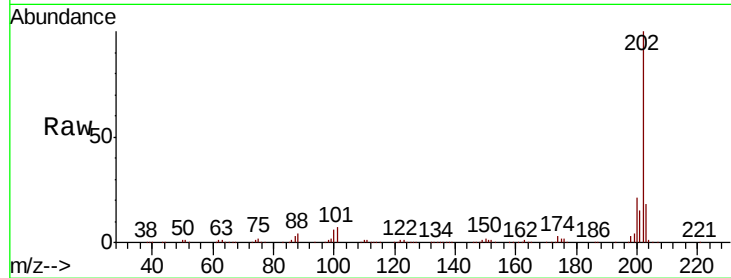
Tgt Ion: 202 Resp: 587250

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.9

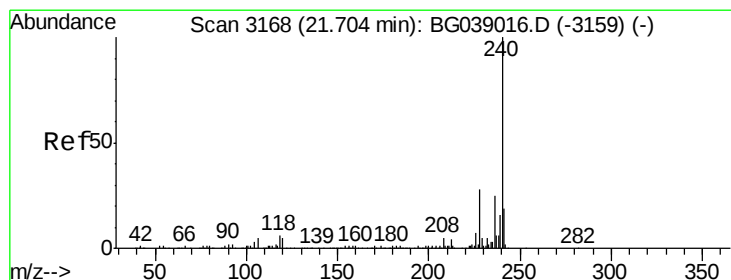
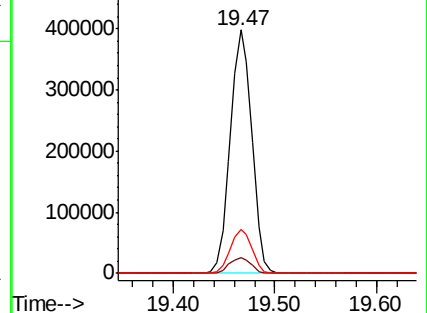
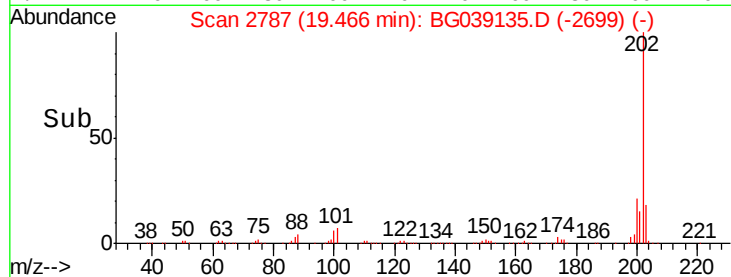
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

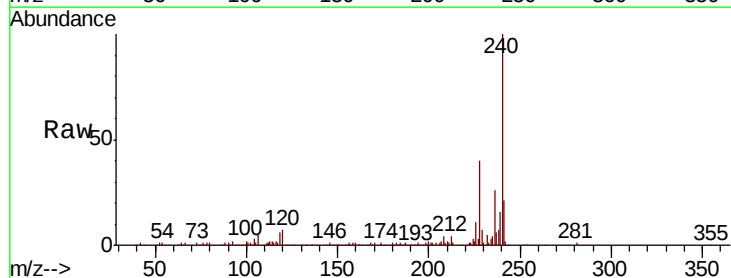
Tgt Ion: 240 Resp: 190448

Ion Ratio Lower Upper

240 100

120 6.9 4.3 6.5#

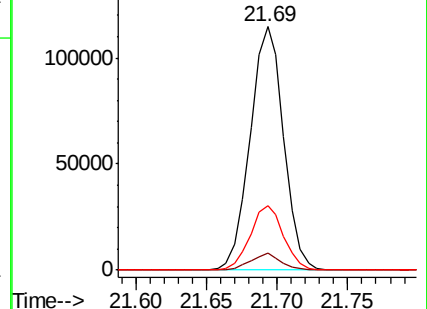
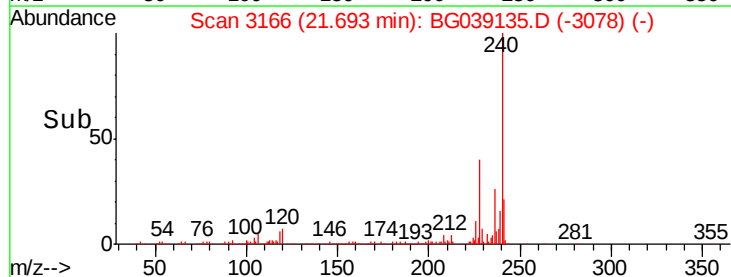
236 26.2 20.1 30.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.170 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

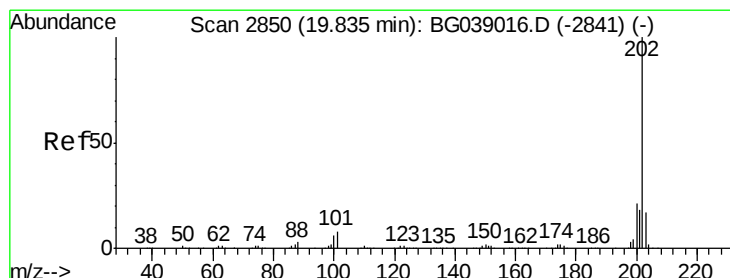
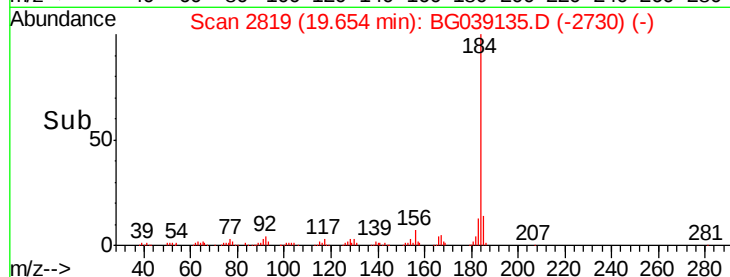
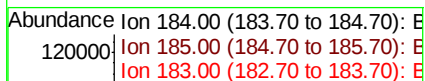
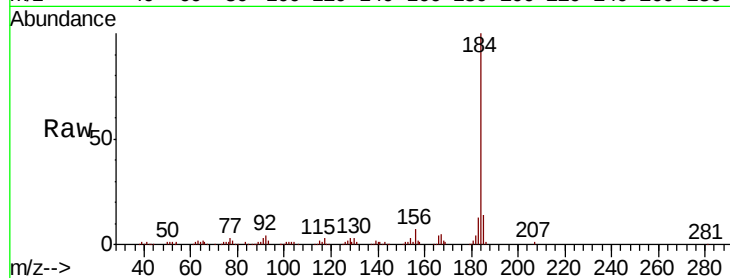
Tgt Ion:184 Resp: 146618

Ion Ratio Lower Upper

184 100

185 14.4 12.1 18.1

183 12.7 9.5 14.3



#78

Pyrene

Concen: 46.240 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

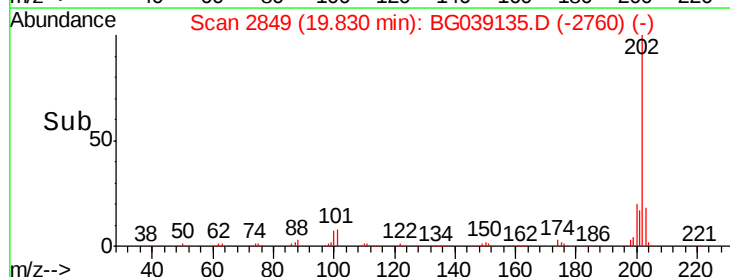
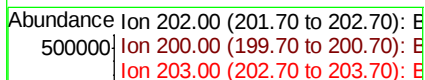
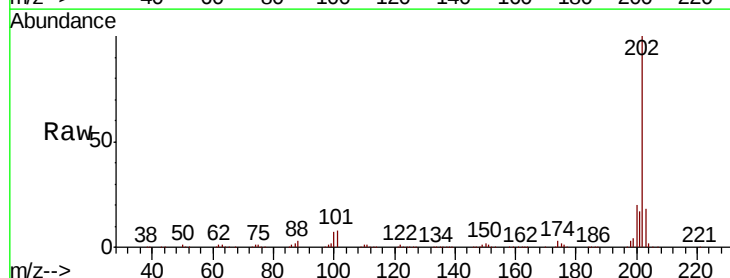
Tgt Ion:202 Resp: 561220

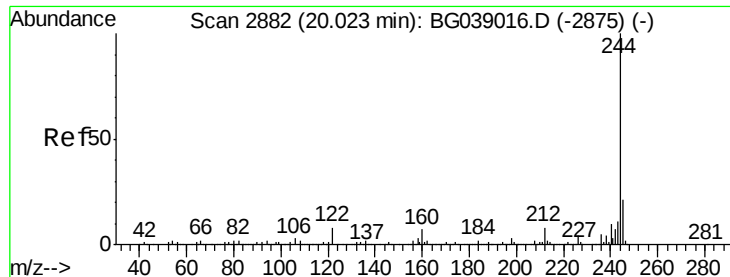
Ion Ratio Lower Upper

202 100

200 20.1 17.0 25.6

203 18.5 14.0 21.0





#79

Terphenyl-d14

Concen: 91.760 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

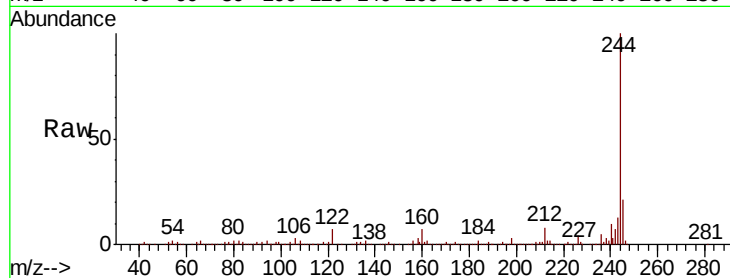
Tgt Ion:244 Resp: 944681

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

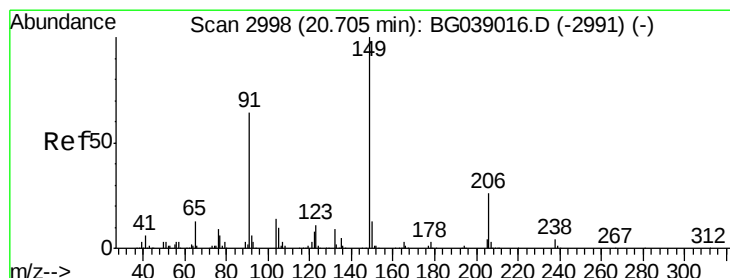
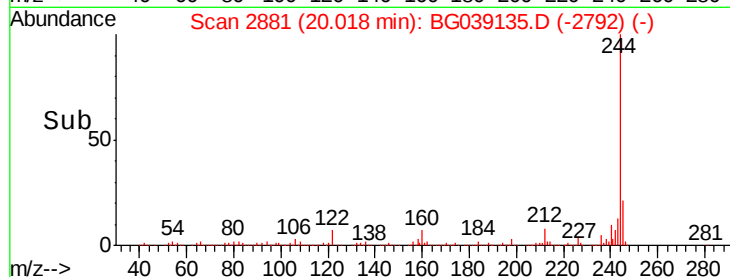
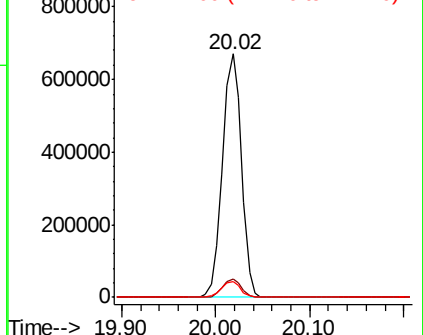
122 6.7 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.563 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

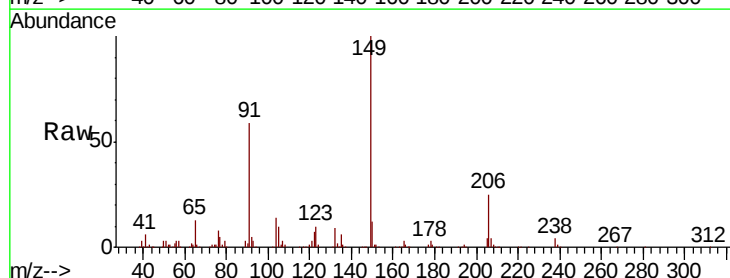
Tgt Ion:149 Resp: 219556

Ion Ratio Lower Upper

149 100

91 59.0 51.4 77.0

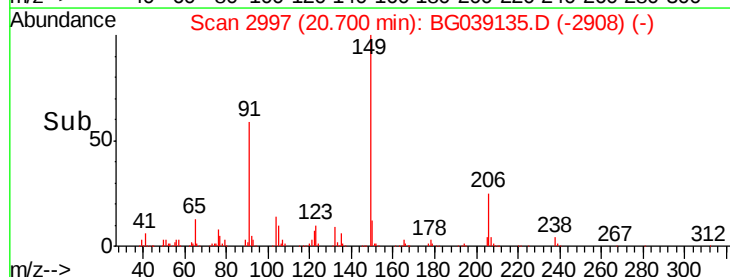
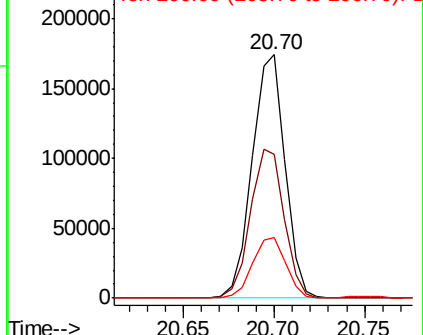
206 25.0 20.4 30.6

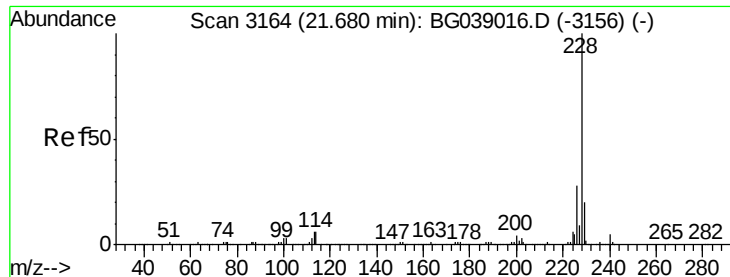


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.612 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

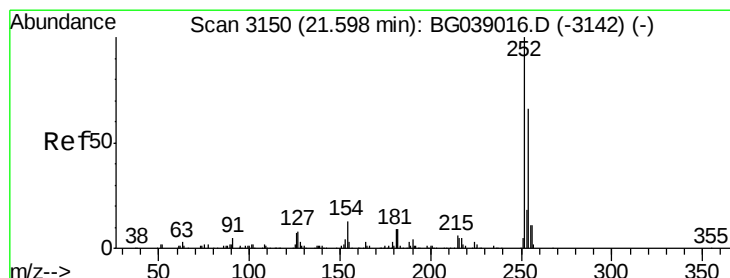
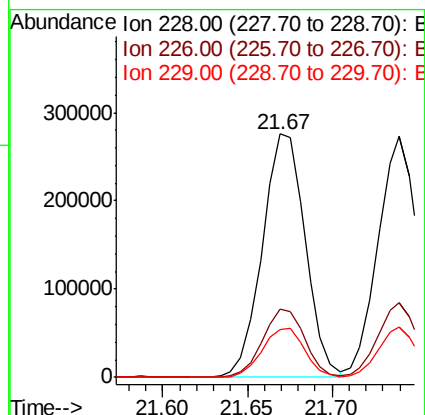
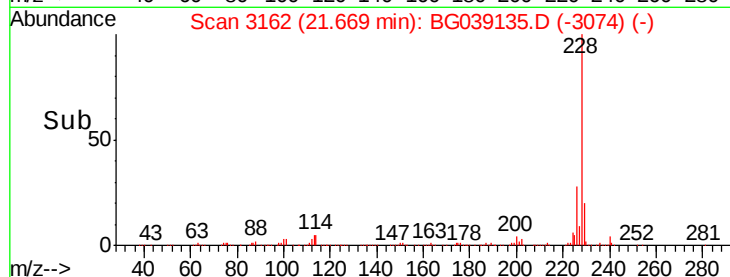
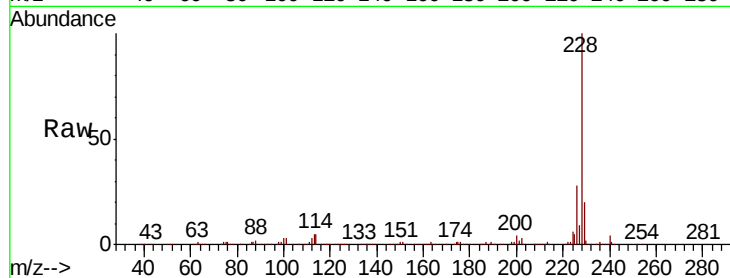
Tgt Ion:228 Resp: 482432

Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

229 19.8 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 23.592 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

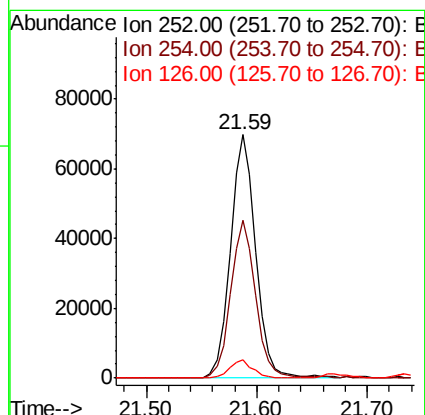
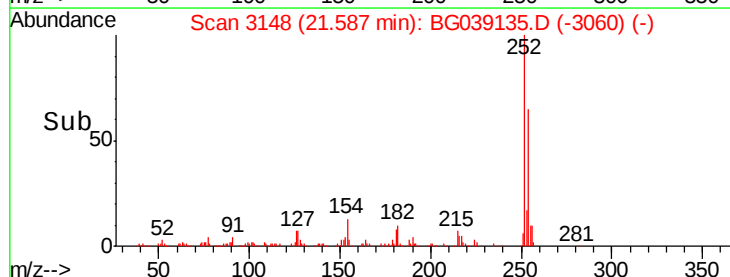
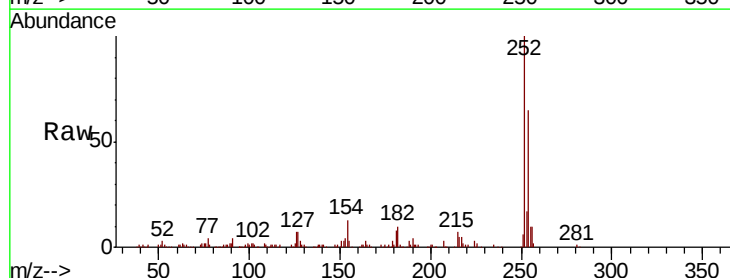
Tgt Ion:252 Resp: 111442

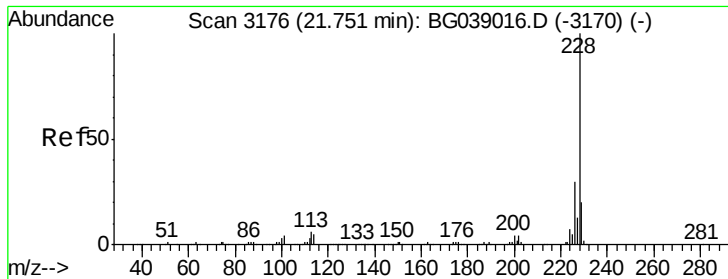
Ion Ratio Lower Upper

252 100

254 64.8 53.0 79.6

126 7.3 6.0 9.0





#83

Chrysene

Concen: 40.585 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

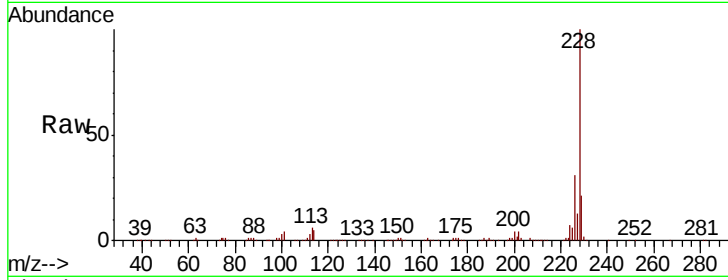
Tgt Ion:228 Resp: 447508

Ion Ratio Lower Upper

228 100

226 31.1 24.1 36.1

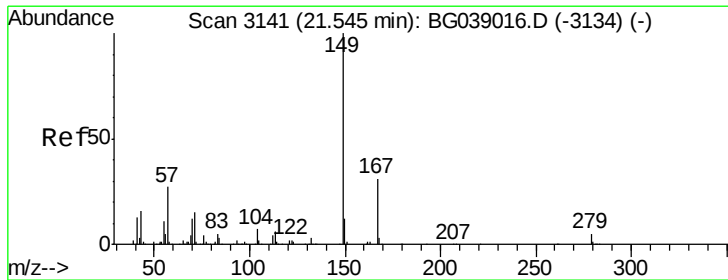
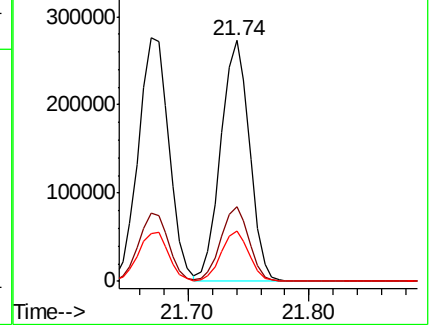
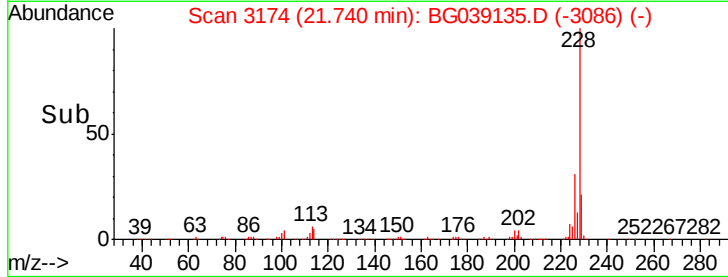
229 21.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.936 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

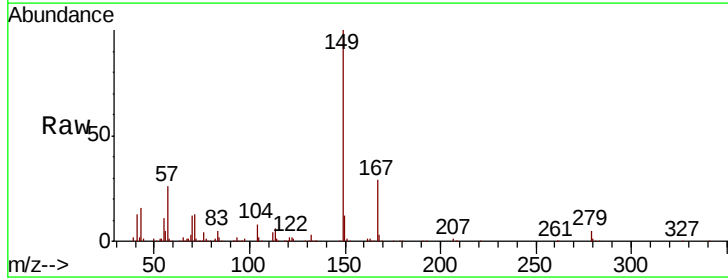
Tgt Ion:149 Resp: 268792

Ion Ratio Lower Upper

149 100

167 28.7 25.0 37.4

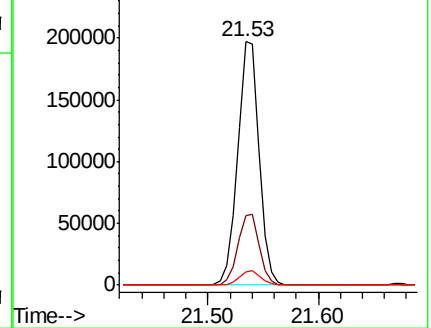
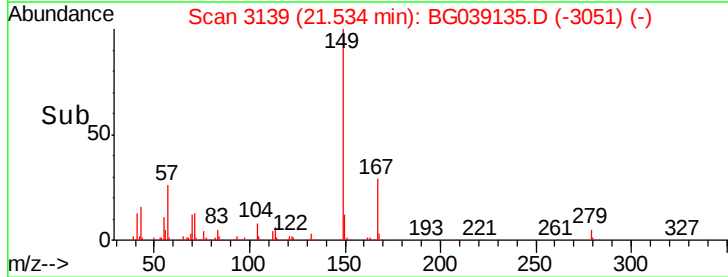
279 5.3 4.3 6.5

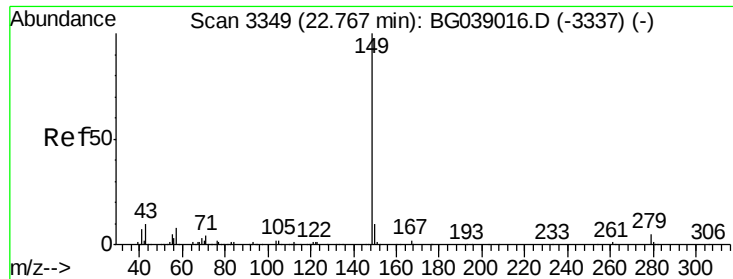


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

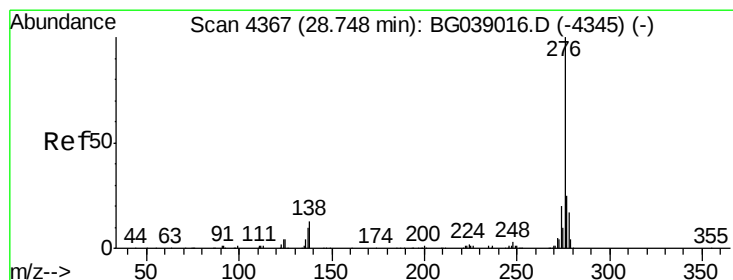
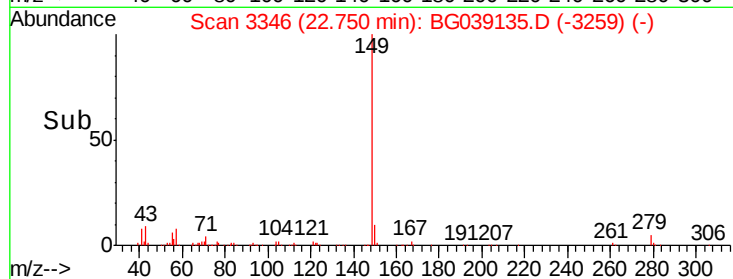
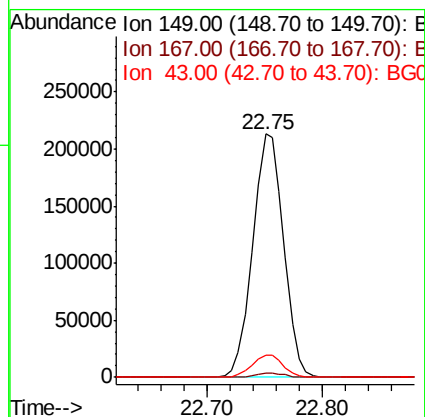
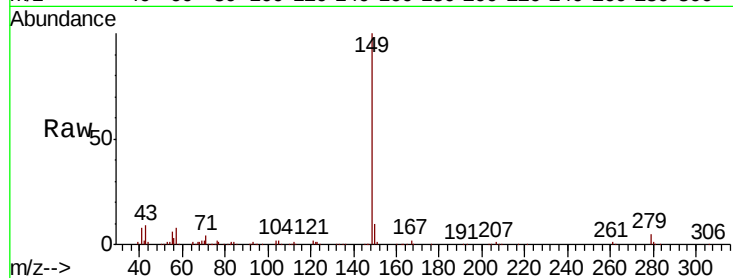




#85
Di-n-octyl phthalate
Concen: 36.503 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.02 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

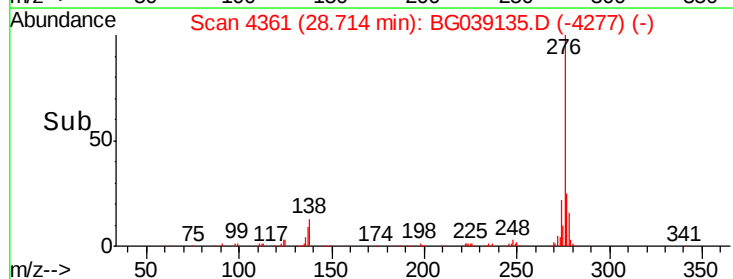
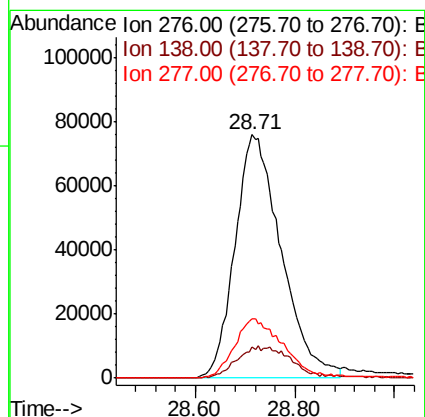
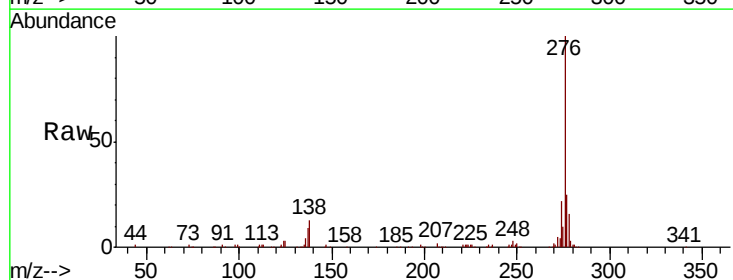
Instrument :
BNA_G
ClientSampleId :
PB116382BS

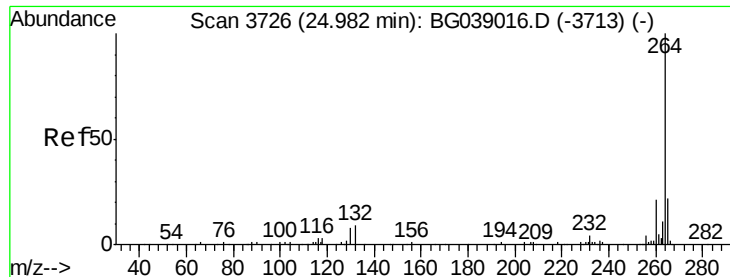
Tgt Ion:	149	Resp:	395624
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.5	7.5	11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.192 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.03 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion:	276	Resp:	490025
Ion	Ratio	Lower	Upper
276	100		
138	7.0	8.0	12.0#
277	25.7	20.3	30.5



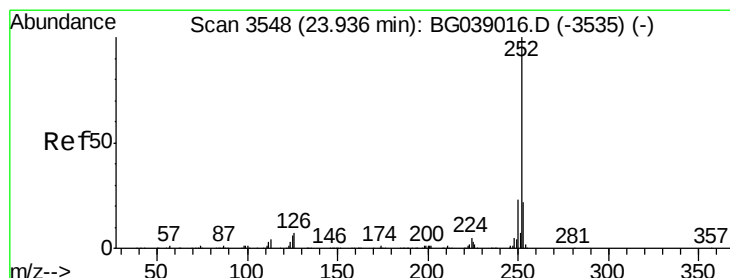
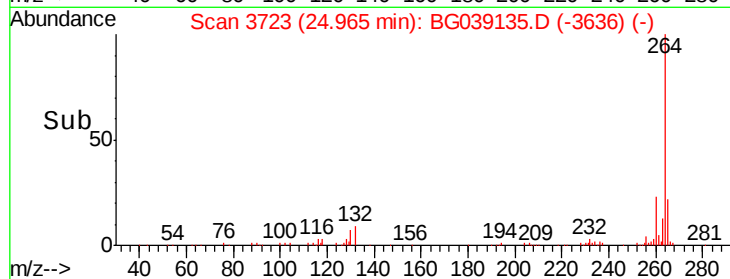
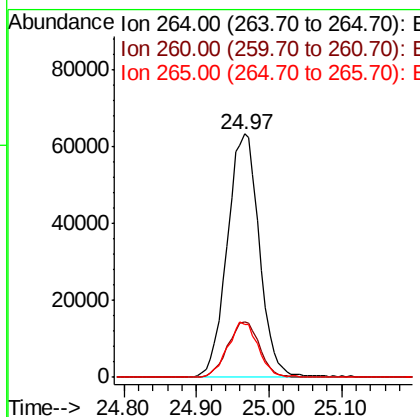
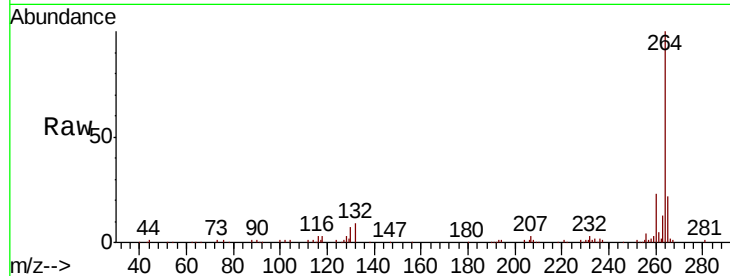


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3723
Delta R.T. -0.02 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tgt Ion: 264 Resp: 194993

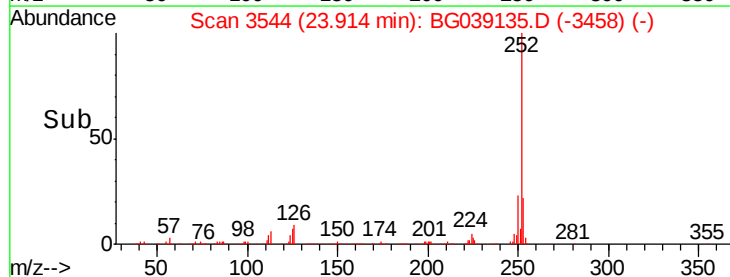
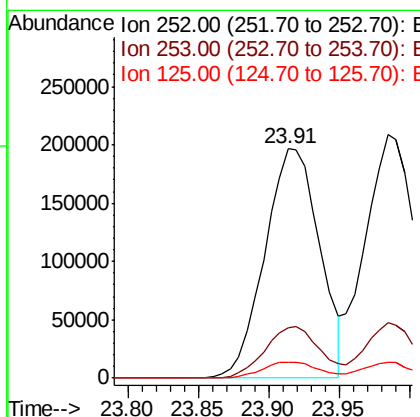
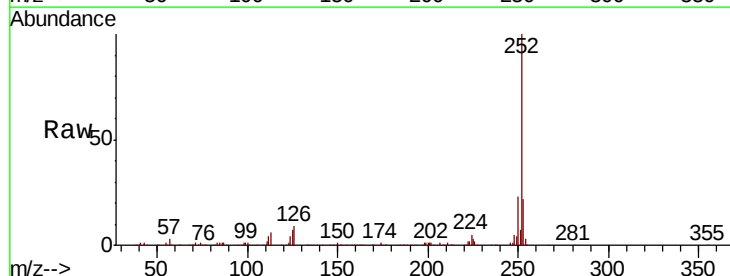
Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.0	25.6
265	22.0	17.2	25.8

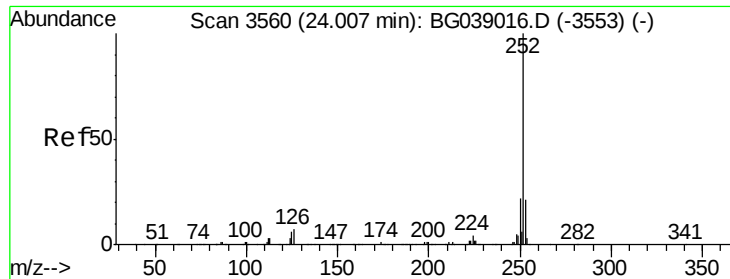


#88
Benzo(b)fluoranthene
Concen: 49.365 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.02 min
Lab File: BG039135.D
Acq: 15 Jan 2019 17:16

Tgt Ion: 252 Resp: 530769

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	6.9	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 48.485 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.02 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

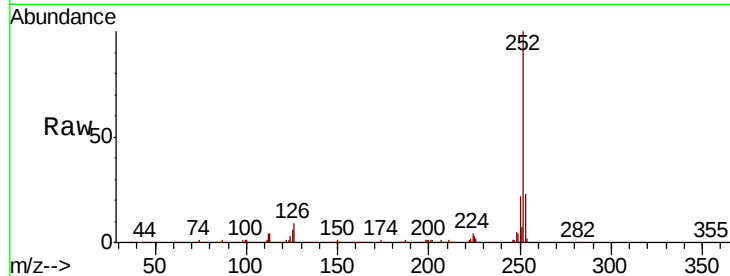
Tgt Ion:252 Resp: 515424

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

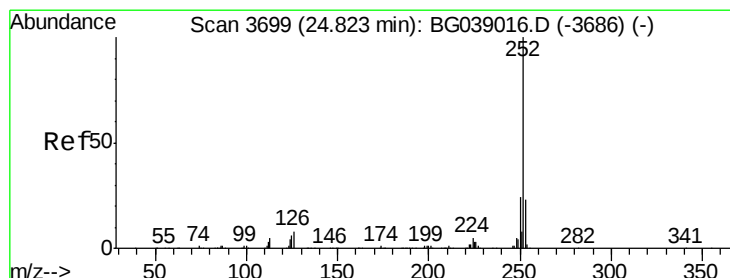
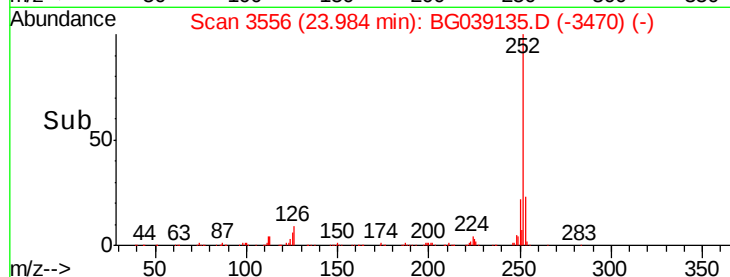
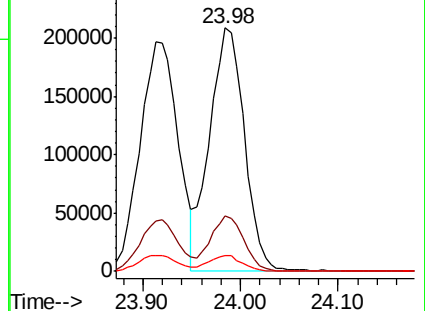
125 6.4 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.528 ng

RT: 24.81 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

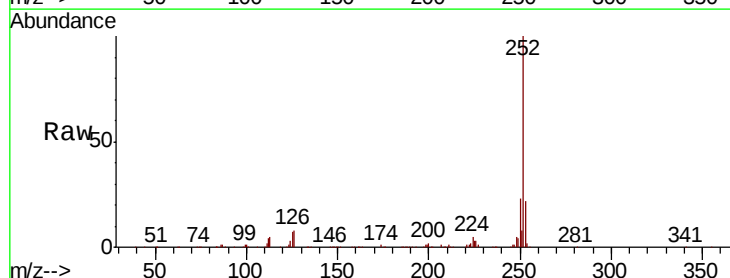
Tgt Ion:252 Resp: 473148

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

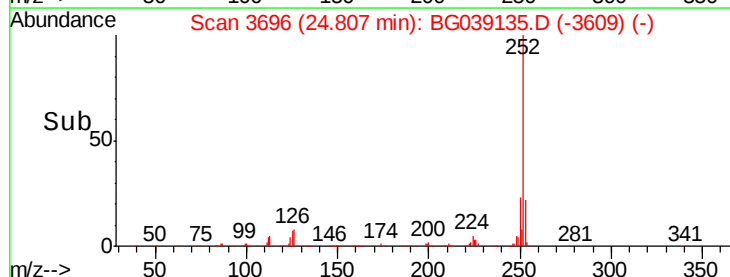
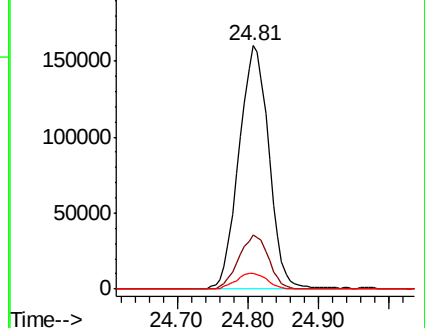
125 6.7 4.9 7.3

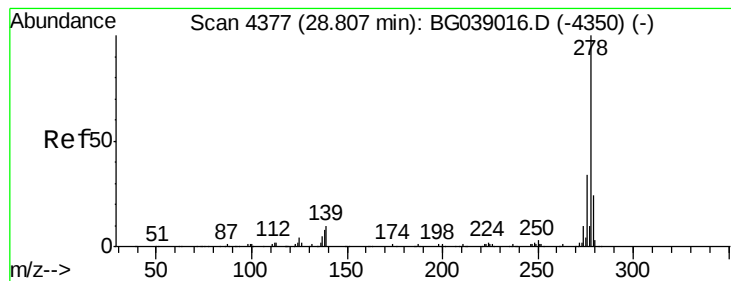


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.464 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.03 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

Instrument :

BNA_G

ClientSampleId :

PB116382BS

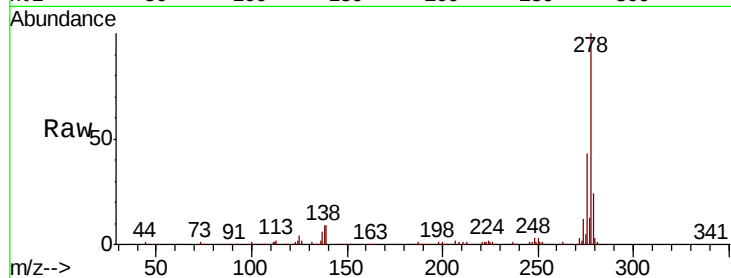
Tgt Ion:278 Resp: 407943

Ion Ratio Lower Upper

278 100

139 9.0 7.9 11.9

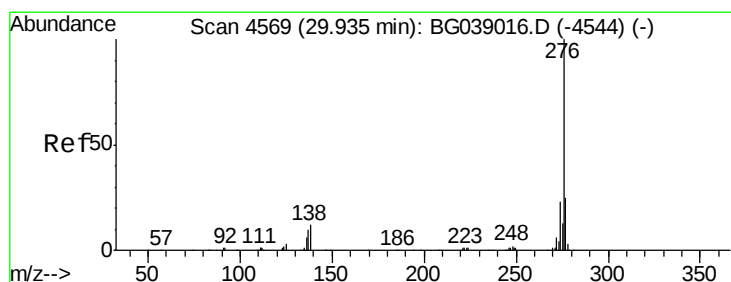
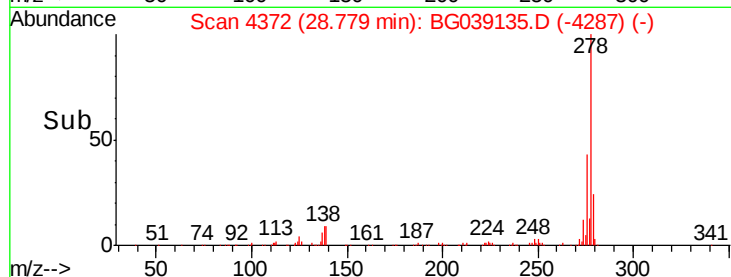
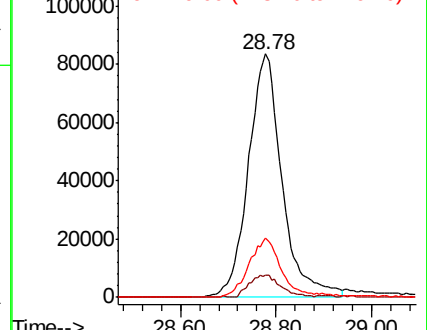
279 24.1 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.870 ng

RT: 29.90 min Scan# 4562

Delta R.T. -0.04 min

Lab File: BG039135.D

Acq: 15 Jan 2019 17:16

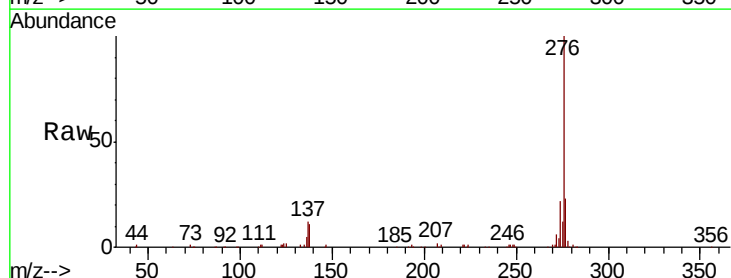
Tgt Ion:276 Resp: 418246

Ion Ratio Lower Upper

276 100

277 23.2 20.3 30.5

138 10.5 9.4 14.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

