

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010909.D
 Acq On : 20 Jul 2017 15:24
 Operator : SJ/JU
 Sample : IDOC-W-3
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 21 02:20:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	273132	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	1136444	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	787257	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	2073988	20.00	ng	0.00
75) Chrysene-d12	21.06	240	2398075	20.00	ng	0.00
86) Perylene-d12	23.19	264	2036746	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	2582436	156.62	ng	0.00
7) Phenol-d6	6.65	99	3530963	155.34	ng	0.00
23) Nitrobenzene-d5	8.59	82	2672362	90.39	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1955243	162.52	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	5876078	92.85	ng	0.00
78) Terphenyl-d14	19.51	244	10721006	86.47	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	237620	32.66	ng	# 100
3) Pyridine	3.46	79	722048	36.31	ng	# 88
4) n-Nitrosodimethylamine	3.38	42	433444	42.65	ng	# 76
6) Aniline	6.79	93	1300391	45.67	ng	# 90
8) 2-Chlorophenol	7.02	128	818641	50.15	ng	# 87
9) Benzaldehyde	6.60	77	522834	33.13	ng	# 88
10) Phenol	6.67	94	1208031	50.26	ng	# 95
11) bis(2-Chloroethyl)ether	6.89	93	863360	46.64	ng	# 95
12) 1,3-Dichlorobenzene	7.33	146	865007	42.88	ng	# 83
13) 1,4-Dichlorobenzene	7.48	146	902260	43.34	ng	# 92
14) 1,2-Dichlorobenzene	7.79	146	857940	43.24	ng	# 92
15) Benzyl Alcohol	7.69	79	1111067	51.62	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	7.96	45	764494	47.64	ng	# 83
17) 2-Methylphenol	7.89	107	800453	51.50	ng	# 81
18) Hexachloroethane	8.50	117	378641	43.36	ng	# 77
19) n-Nitroso-di-n-propylamine	8.25	70	865654	48.08	ng	# 93
20) 3+4-Methylphenols	8.22	107	1104952	51.17	ng	# 84
22) Acetophenone	8.26	105	1481703	43.30	ng	# 95
24) Nitrobenzene	8.63	77	1337198	44.13	ng	# 88
25) Isophorone	9.15	82	2283448	47.14	ng	# 88
26) 2-Nitrophenol	9.33	139	468512	46.47	ng	# 33
27) 2,4-Dimethylphenol	9.40	122	836082	46.46	ng	# 75
28) bis(2-Chloroethoxy)methane	9.64	93	1271608	46.83	ng	# 98
29) 2,4-Dichlorophenol	9.86	162	950460	46.76	ng	# 93
30) 1,2,4-Trichlorobenzene	10.07	180	1086835	43.73	ng	# 99
31) Naphthalene	10.25	128	2598453	44.97	ng	# 99
32) Benzoic acid	9.57	122	647816	45.88	ng	# 68
33) 4-Chloroaniline	10.37	127	816081	35.05	ng	# 76
34) Hexachlorobutadiene	10.54	225	808643	41.94	ng	# 99
35) Caprolactam	11.17	113	158683	29.32	ng	# 87
36) 4-Chloro-3-methylphenol	11.51	107	1191661	48.46	ng	# 74
37) 2-Methylnaphthalene	11.87	142	2059337	49.62	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1435499	41.83	ng	# 100
40) Hexachlorocyclopentadiene	12.23	237	2147562	109.17	ng	# 97

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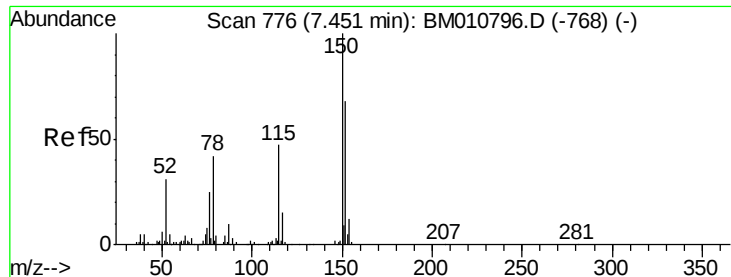
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 21 02:20:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	12.50	196	964255	45.63	nq	96
43) 2,4,5-Trichlorophenol	12.57	196	1009526	48.39	nq	# 89
45) 1,1'-Biphenyl	12.92	154	2869275	41.83	nq	98
46) 2-Chloronaphthalene	12.95	162	2259493	44.93	nq	# 93
47) 2-Nitroaniline	13.17	65	885940	53.59	nq	# 73
48) Acenaphthylene	13.81	152	3525827	47.14	nq	98
49) Dimethylphthalate	13.57	163	3179333	47.47	nq	# 98
50) 2,6-Dinitrotoluene	13.68	165	676873	51.52	nq	# 67
51) Acenaphthene	14.16	154	2127640	46.55	nq	100
52) 3-Nitroaniline	14.01	138	554686	46.45	nq	# 46
53) 2,4-Dinitrophenol	14.22	184	978214	107.72	nq	# 88
54) Dibenzofuran	14.50	168	3766110	50.94	nq	# 91
55) 4-Nitrophenol	14.34	139	1071873	103.34	nq	# 1
56) 2,4-Dinitrotoluene	14.47	165	989753	54.30	nq	# 95
57) Fluorene	15.15	166	3114739	49.01	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	1060012	54.69	nq	# 100
59) Diethylphthalate	14.95	149	3304420	49.96	nq	100
60) 4-Chlorophenyl-phenylether	15.15	204	1837580	47.07	nq	96
61) 4-Nitroaniline	15.19	138	673741	53.97	nq	# 1
62) Azobenzene	15.45	77	3751830	55.86	nq	89
64) 4,6-Dinitro-2-methylphenol	15.25	198	654279	47.84	nq	92
65) n-Nitrosodiphenylamine	15.37	169	2765327	46.60	nq	99
66) 4-Bromophenyl-phenylether	16.05	248	1256224	47.79	nq	# 92
67) Hexachlorobenzene	16.16	284	1322470	44.00	nq	# 94
68) Atrazine	16.34	200	1193290	48.55	nq	97
69) Pentachlorophenol	16.50	266	1776454	92.20	nq	98
70) Phenanthrene	16.89	178	5351577	49.60	nq	100
71) Anthracene	16.98	178	5425130	50.65	nq	99
72) Carbazole	17.26	167	4665319	49.46	nq	99
73) Di-n-butylphthalate	17.84	149	5640986	50.55	nq	# 96
74) Fluoranthene	18.92	202	6928691	51.85	nq	98
76) Benzidine	19.12	184	4380121	68.25	nq	99
77) Pyrene	19.29	202	7065288	50.82	nq	100
79) Butylbenzylphthalate	20.22	149	2568822	52.78	nq	# 73
80) Benzo(a)anthracene	21.05	228	6939220	49.94	nq	99
81) 3,3'-Dichlorobenzidine	20.99	252	2342656	42.88	nq	# 98
82) Chrysene	21.10	228	6520967	49.28	nq	99
83) Bis(2-ethylhexyl)phthalate	21.00	149	3719599	52.48	nq	99
84) Di-n-octyl phthalate	21.86	149	6085507	52.40	nq	99
85) Indeno(1,2,3-cd)pyrene	25.30	276	6179747	40.72	nq	# 100
87) Benzo(b)fluoranthene	22.56	252	6779660	52.40	nq	# 92
88) Benzo(k)fluoranthene	22.61	252	6230802	50.42	nq	# 95
89) Benzo(a)pyrene	23.10	252	6167171	52.37	nq	# 96
90) Dibenzo(a,h)anthracene	25.32	278	5130352	44.89	nq	# 92
91) Benzo(g,h,i)perylene	25.94	276	4900697	43.62	nq	# 86

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 774

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

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BNA_M

ClientSampleId :

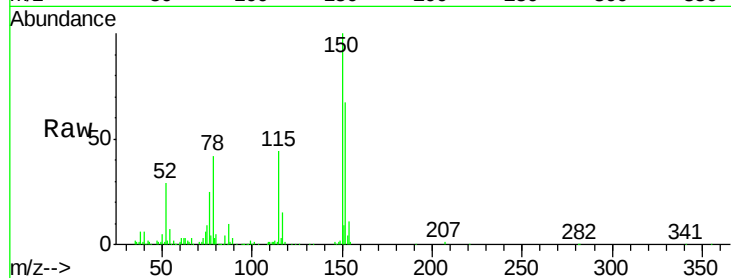
Tot Ion:152 Resp: 273132

Ion Ratio Lower Upper

152 100

150 149.7 119.5 179.3

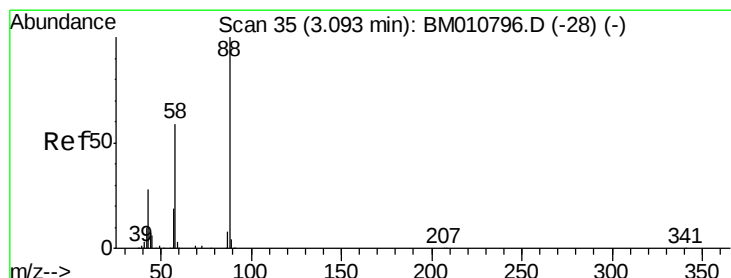
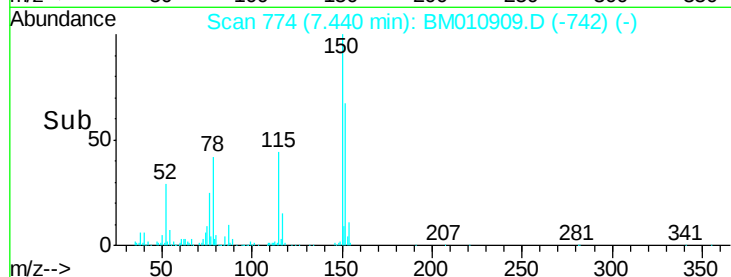
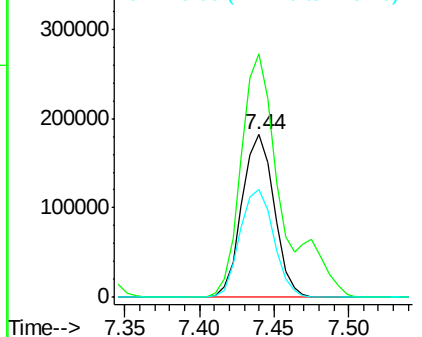
115 66.2 43.0 64.4#



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: 32.66 ng

RT: 3.09 min Scan# 34

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

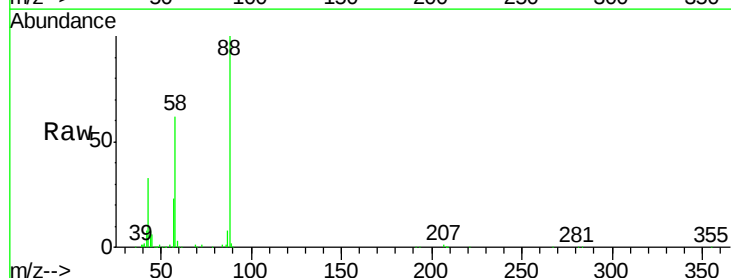
Tgt Ion: 88 Resp: 237620

Ion Ratio Lower Upper

88 100

58 60.5 0.0 0.0#

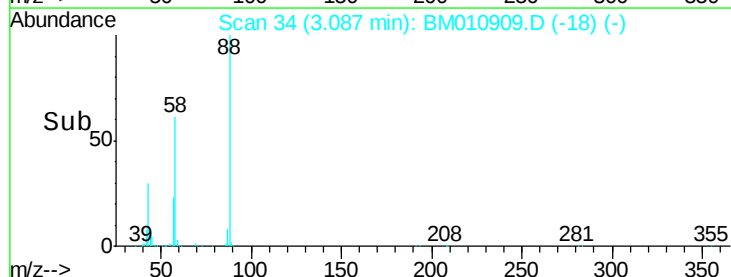
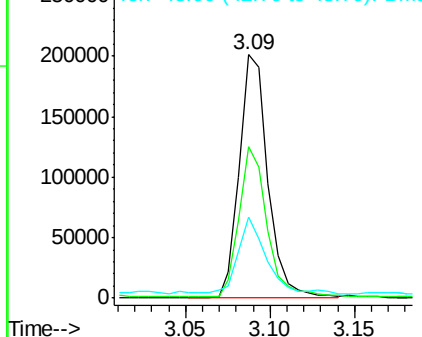
43 28.9 0.0 0.0#

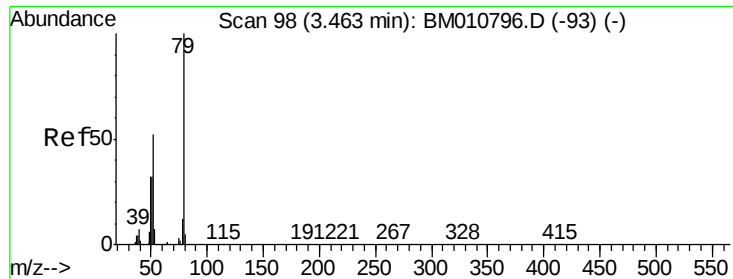


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 36.31 ng

RT: 3.46 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

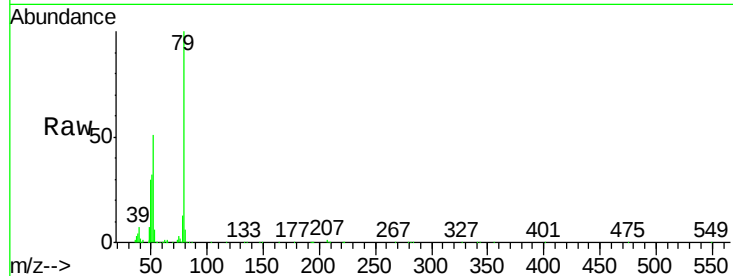
Tot Ion: 79 Resp: 722048

Ion Ratio Lower Upper

79 100

52 50.8 51.1 76.7#

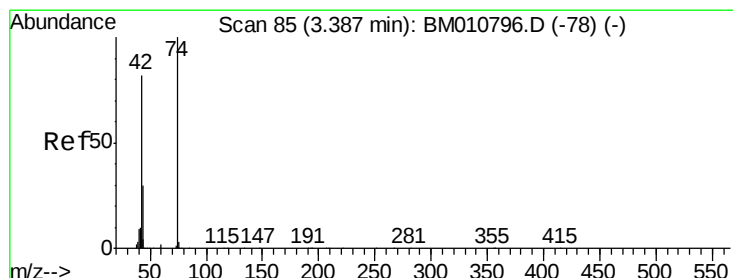
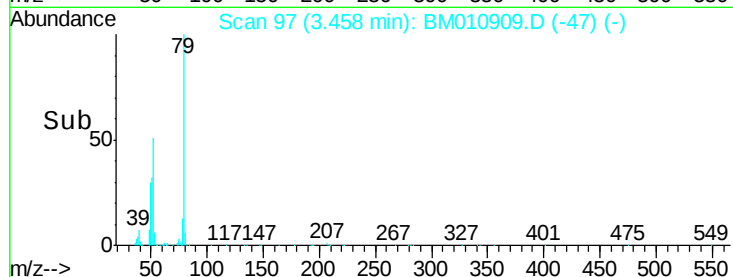
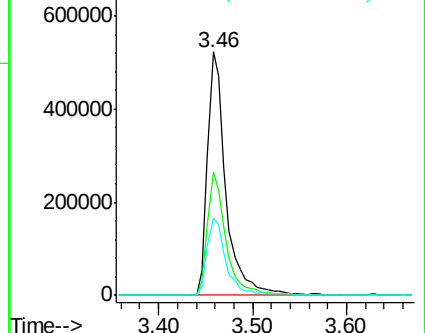
51 31.8 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM010796.D (-93) (-)

Ion 52.00 (51.70 to 52.70): BM010796.D (-93) (-)

Ion 51.00 (50.70 to 51.70): BM010796.D (-93) (-)



#4

n-Nitrosodimethylamine

Concen: 42.65 ng

RT: 3.38 min Scan# 84

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

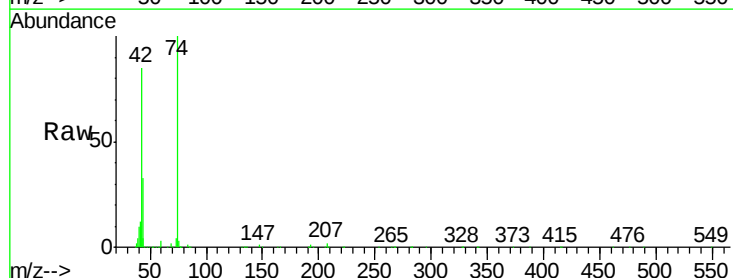
Tgt Ion: 42 Resp: 433444

Ion Ratio Lower Upper

42 100

74 118.3 119.3 178.9#

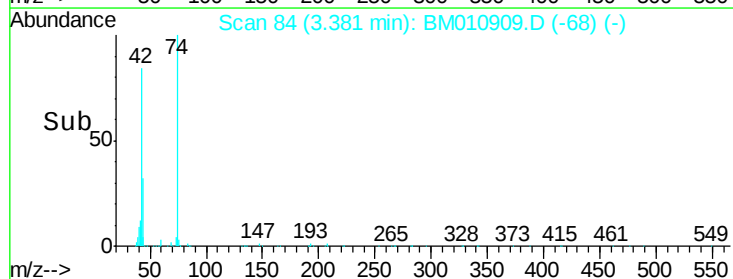
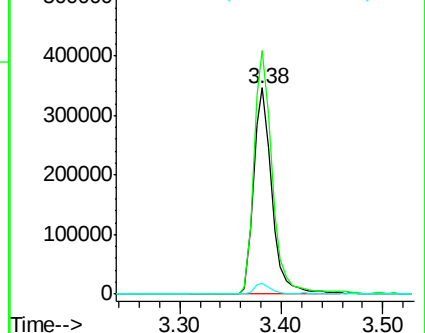
44 4.9 5.4 8.2#

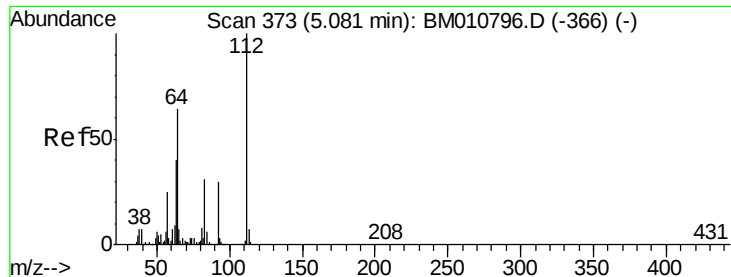


Abundance Ion 42.00 (41.70 to 42.70): BM010796.D (-78) (-)

Ion 74.00 (73.70 to 74.70): BM010796.D (-78) (-)

Ion 44.00 (43.70 to 44.70): BM010796.D (-78) (-)





#5

2-Fluorophenol

Concen: 156.62 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

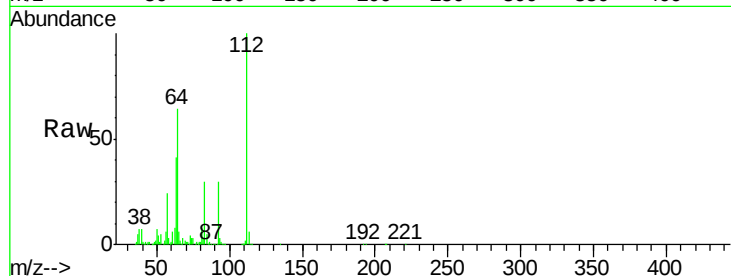
Tot Ion:112 Resp: 2582436

Ion Ratio Lower Upper

112 100

64 63.9 38.6 57.8#

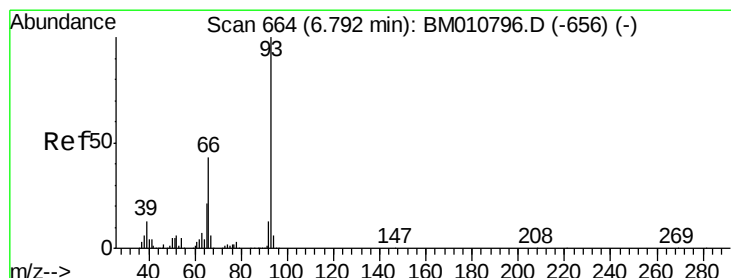
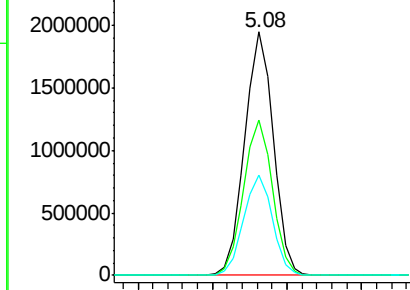
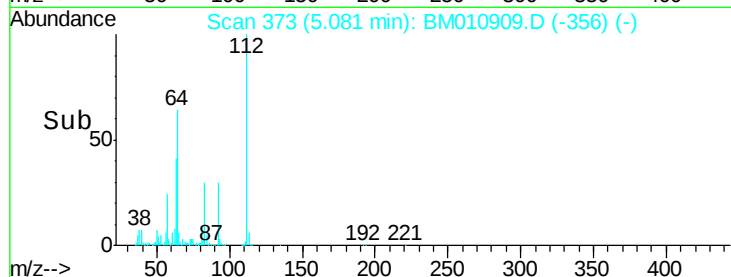
63 41.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 45.67 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

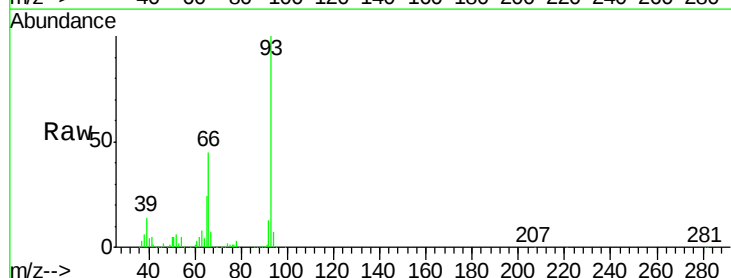
Tgt Ion: 93 Resp: 1300391

Ion Ratio Lower Upper

93 100

66 44.5 30.8 46.2

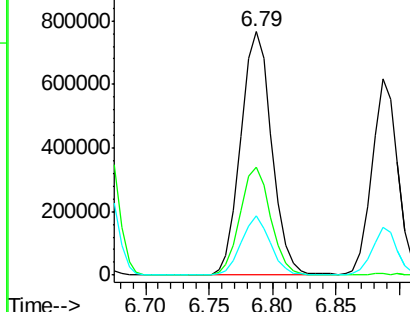
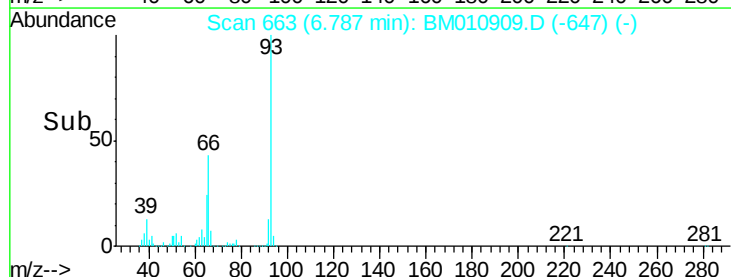
65 24.3 16.0 24.0#

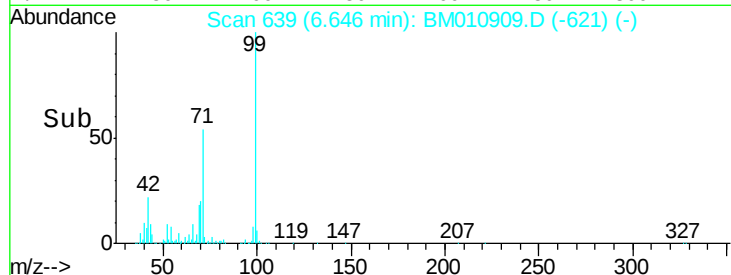
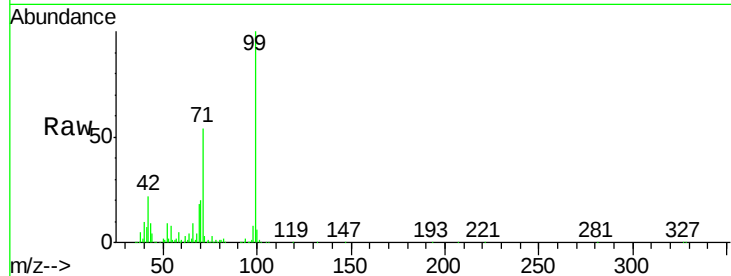
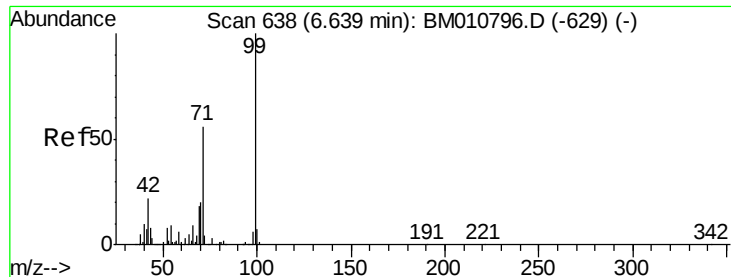


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 155.34 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampled :

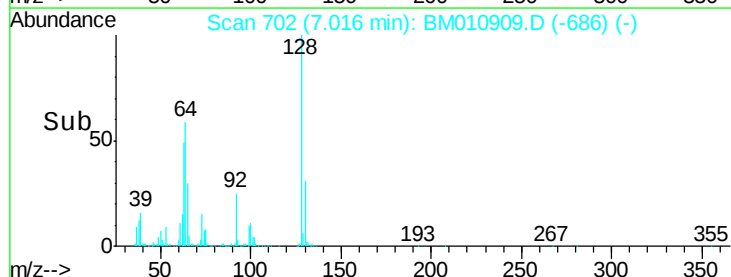
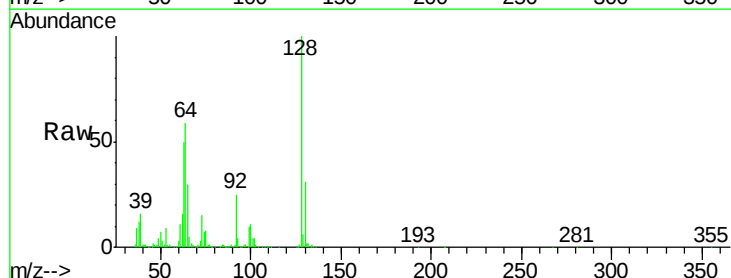
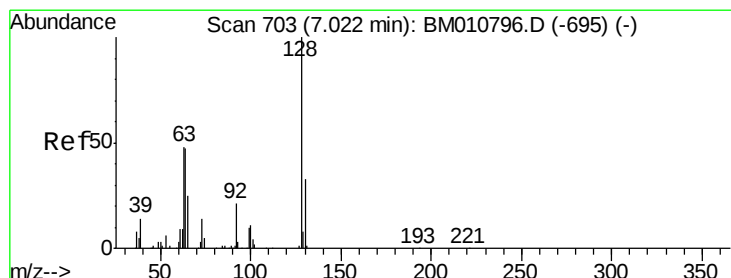
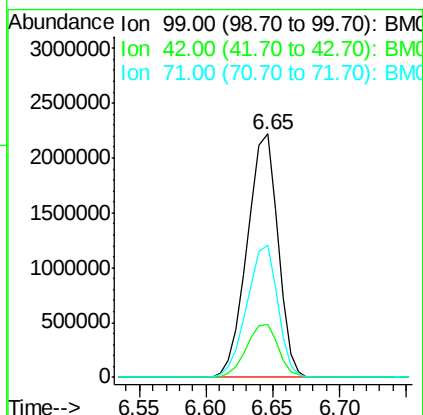
Tot Ion: 99 Resp: 3530963

Ion Ratio Lower Upper

99 100

42 21.7 11.0 16.4#

71 54.5 23.4 35.2#



#8

2-Chlorophenol

Concen: 50.15 ng

RT: 7.02 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

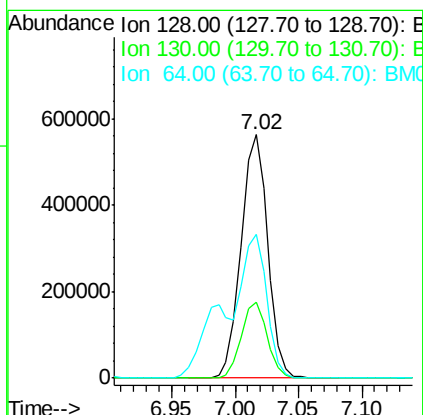
Tgt Ion: 128 Resp: 818641

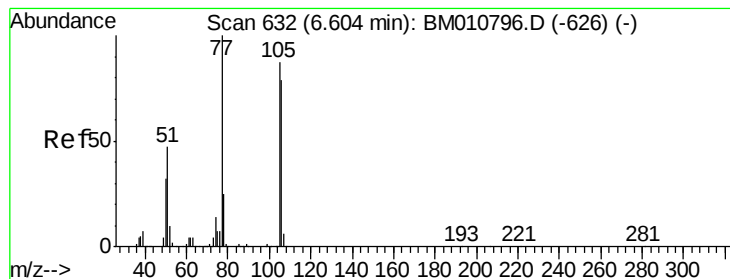
Ion Ratio Lower Upper

128 100

130 31.4 12.0 52.0

64 59.2 24.9 64.9





#9

Benzaldehyde

Concen: 33.13 ng

RT: 6.60 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampled :

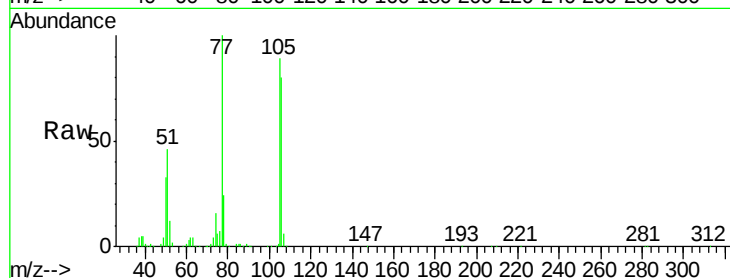
Tot Ion: 77 Resp: 522834

Ion Ratio Lower Upper

77 100

105 88.9 78.8 118.8

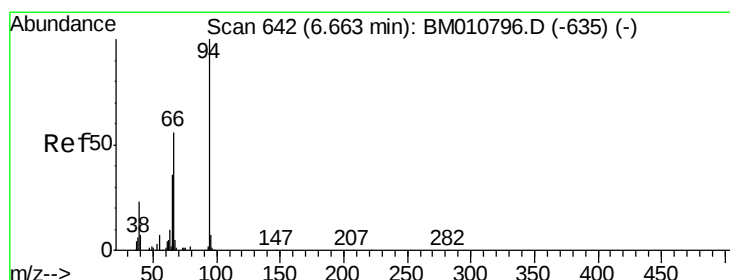
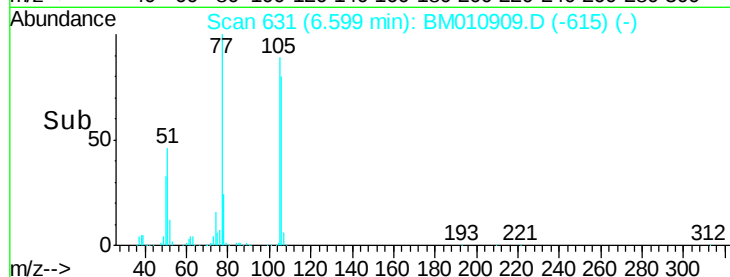
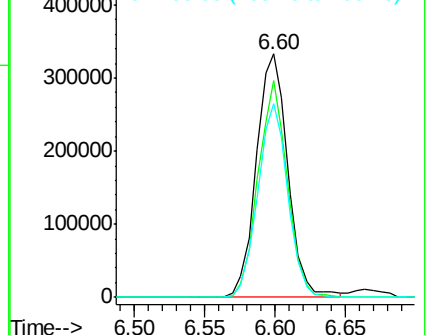
106 79.8 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM010796.D (-626) (-)

Ion 105.00 (104.70 to 105.70): BM010796.D (-626) (-)

Ion 106.00 (105.70 to 106.70): BM010796.D (-626) (-)



#10

Phenol

Concen: 50.26 ng

RT: 6.67 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

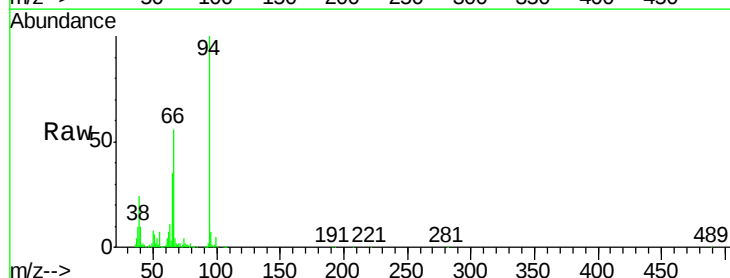
Tgt Ion: 94 Resp: 1208031

Ion Ratio Lower Upper

94 100

65 35.3 18.8 58.8

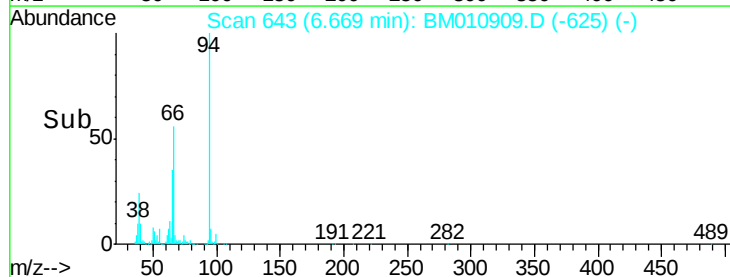
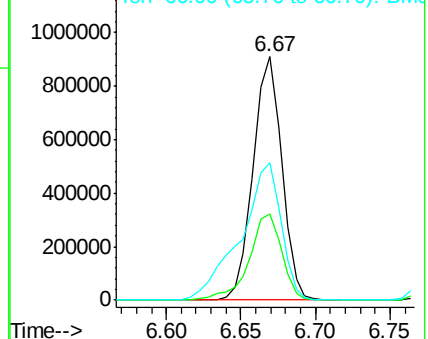
66 56.2 39.9 79.9

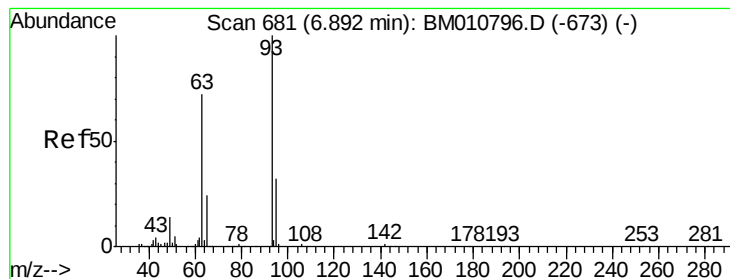


Abundance Ion 94.00 (93.70 to 94.70): BM010796.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM010796.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM010796.D (-635) (-)





#11

bis(2-Chloroethyl)ether

Concen: 46.64 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

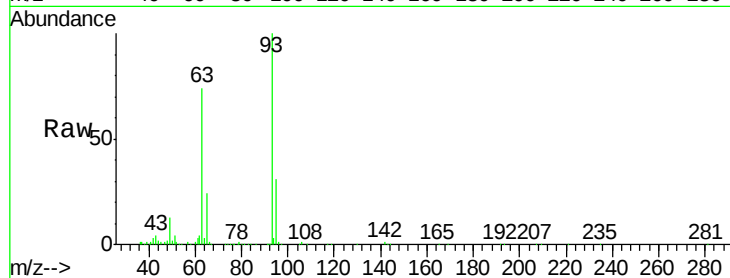
Tot Ion: 93 Resp: 863360

Ion	Ratio	Lower	Upper
93	100		
63	74.1	49.5	89.5
95	31.5	13.5	53.5

93 100

63 74.1 49.5 89.5

95 31.5 13.5 53.5

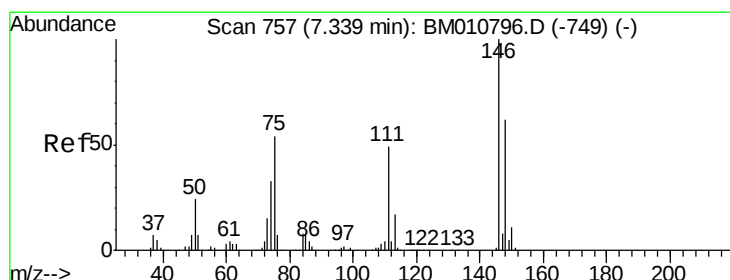
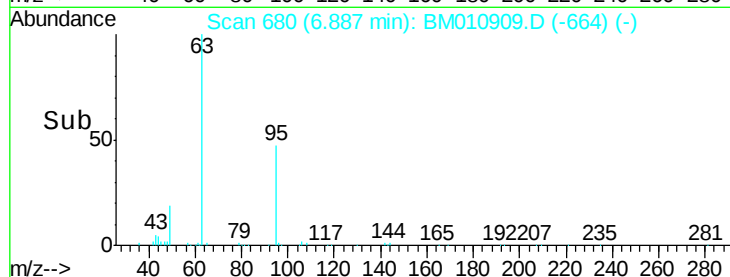
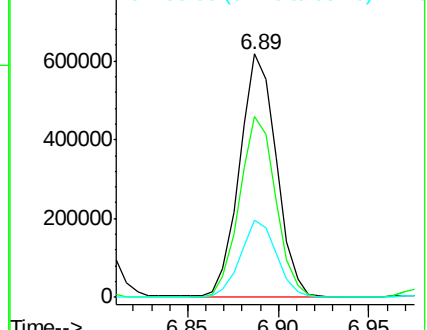


Abundance

Ion 93.00 (92.70 to 93.70): BM010796.D (-673) (-)

Ion 63.00 (62.70 to 63.70): BM010796.D (-673) (-)

Ion 95.00 (94.70 to 95.70): BM010796.D (-673) (-)



#12

1,3-Dichlorobenzene

Concen: 42.88 ng

RT: 7.33 min Scan# 755

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

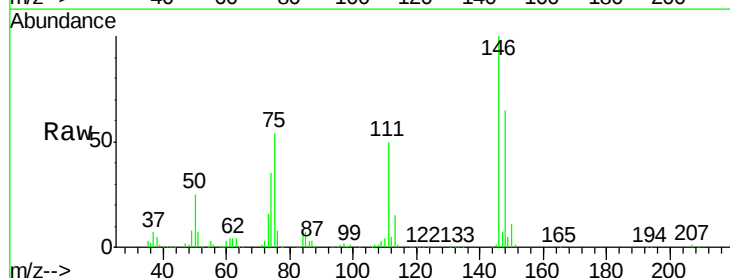
Tgt Ion: 146 Resp: 865007

Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.9	76.3
75	54.2	21.4	32.2

146 100

148 64.9 50.9 76.3

75 54.2 21.4 32.2

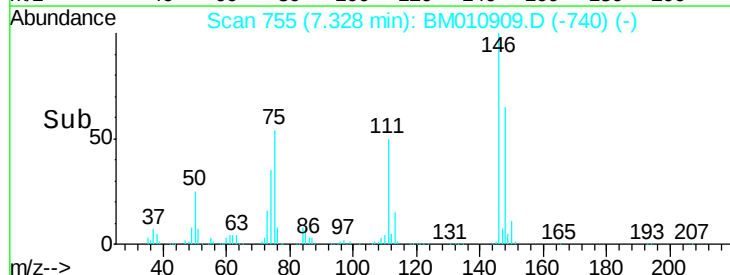
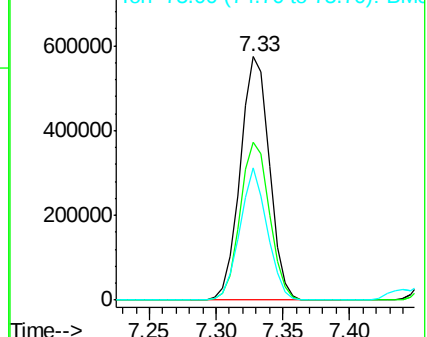


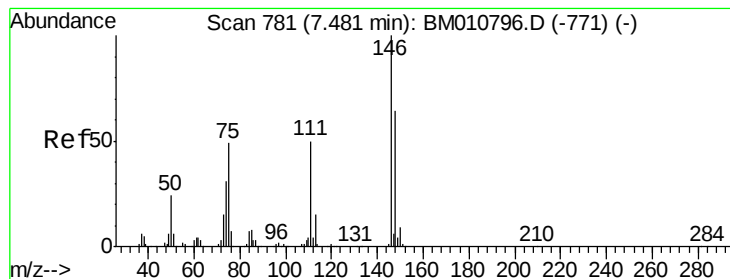
Abundance

Ion 146.00 (145.70 to 146.70): BM010796.D (-749) (-)

Ion 148.00 (147.70 to 148.70): BM010796.D (-749) (-)

Ion 75.00 (74.70 to 75.70): BM010796.D (-749) (-)





#13

1,4-Dichlorobenzene

Concen: 43.34 ng

RT: 7.48 min Scan# 780

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

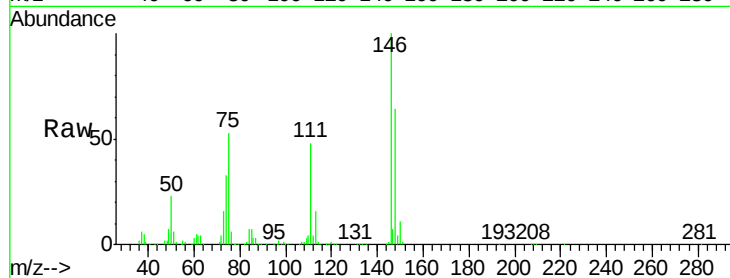
Tot Ion:146 Resp: 902260

Ion Ratio Lower Upper

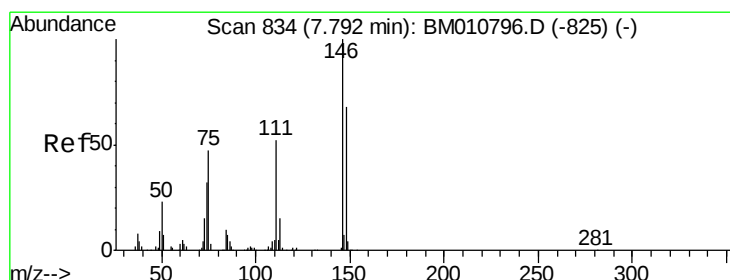
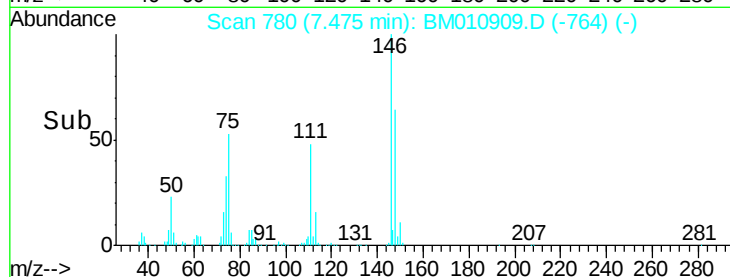
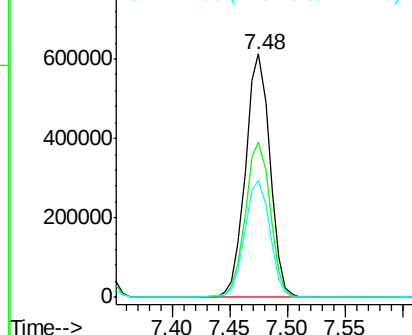
146 100

148 63.6 51.9 77.9

111 47.8 29.2 43.8#



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: 43.24 ng

RT: 7.79 min Scan# 833

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

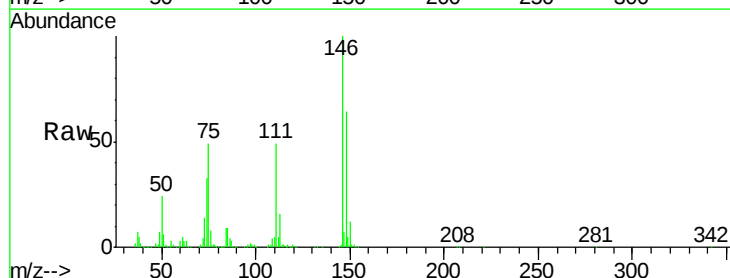
Tgt Ion:146 Resp: 857940

Ion Ratio Lower Upper

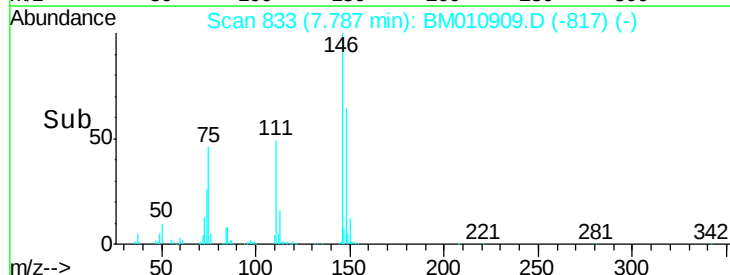
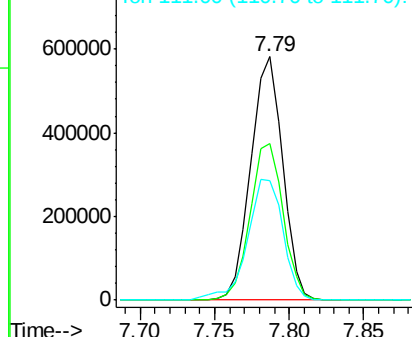
146 100

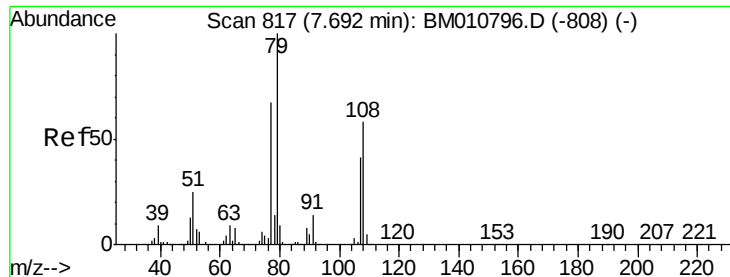
148 64.1 52.3 78.5

111 49.0 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





#15

Benzyl Alcohol

Concen: 51.62 ng

RT: 7.69 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampled :

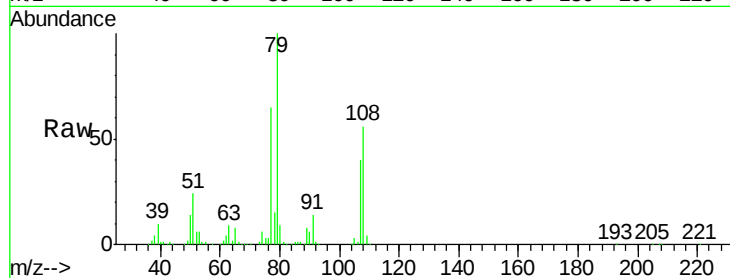
Tot Ion: 79 Resp: 1111067

Ion Ratio Lower Upper

79 100

108 55.9 65.0 97.4#

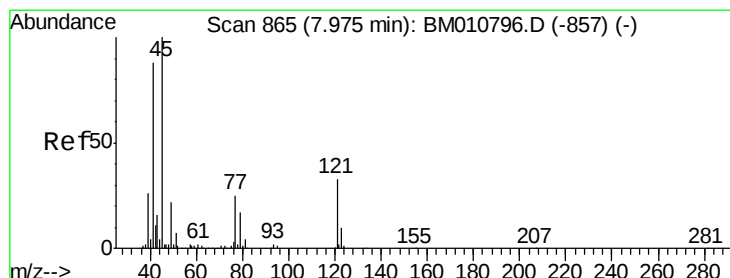
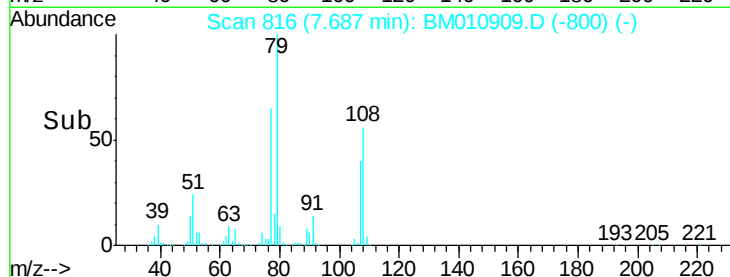
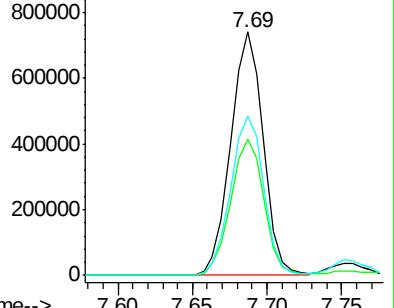
77 65.3 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM010796.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM010796.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM010796.D (-808) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.64 ng

RT: 7.96 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

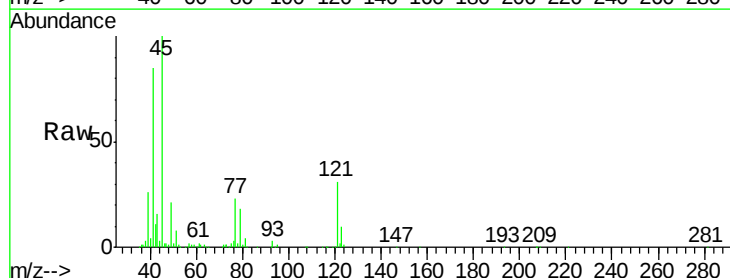
Tgt Ion: 45 Resp: 764494

Ion Ratio Lower Upper

45 100

77 23.0 0.0 35.2

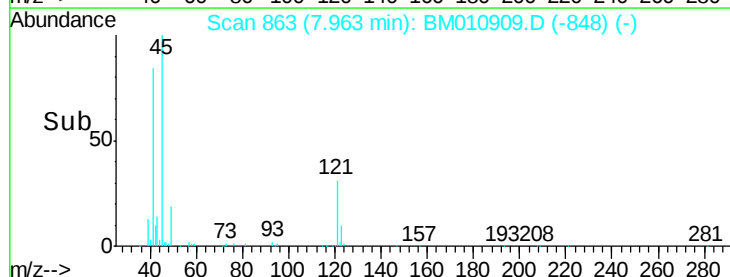
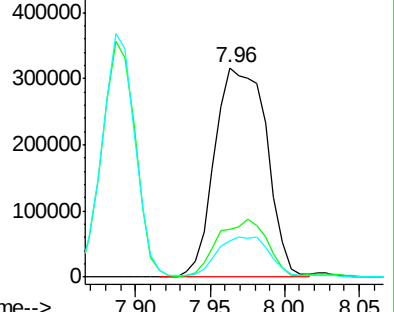
79 17.6 0.0 32.0

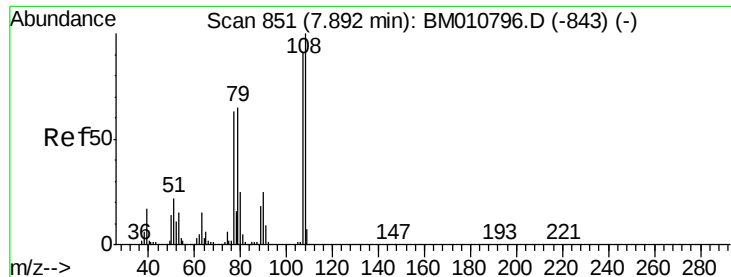


Abundance Ion 45.00 (44.70 to 45.70): BM010796.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM010796.D (-857) (-)

Ion 79.00 (78.70 to 79.70): BM010796.D (-857) (-)





#17

2-Methylphenol

Concen: 51.50 ng

RT: 7.89 min Scan# 850

Delta R.T. -0.01 min

Lab File: BM010909.D

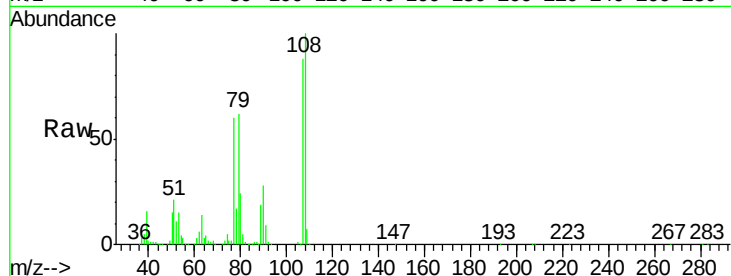
Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampled :

Tot Ion:	107	Resp:	800453
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.8	134.8
77	67.8	32.6	48.8#
79	70.0	32.8	49.2#

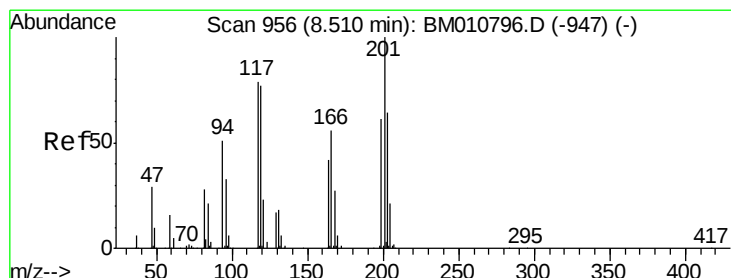
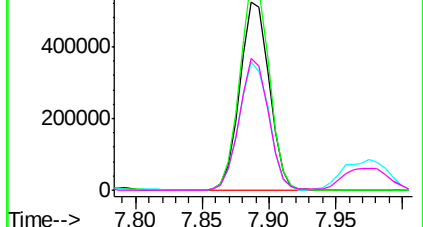
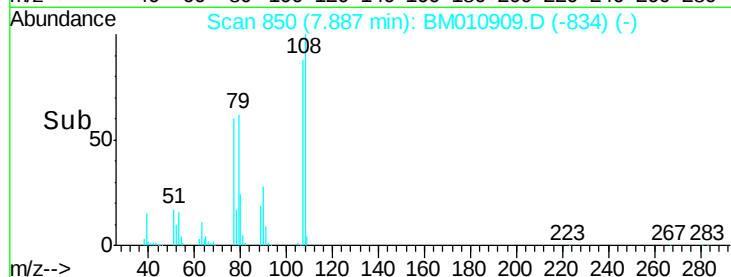


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 43.36 ng

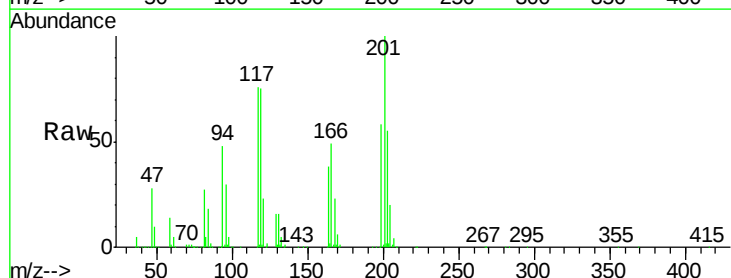
RT: 8.50 min Scan# 954

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

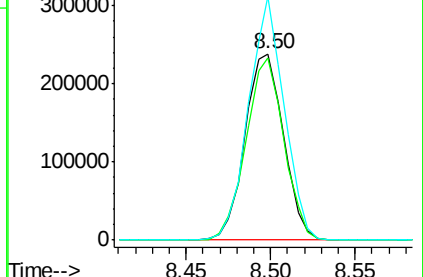
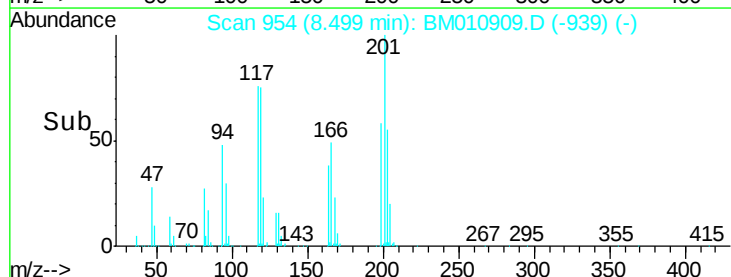
Tgt Ion:	117	Resp:	378641
Ion	Ratio	Lower	Upper
117	100		
119	97.7	79.2	118.8
201	130.7	69.8	104.6#

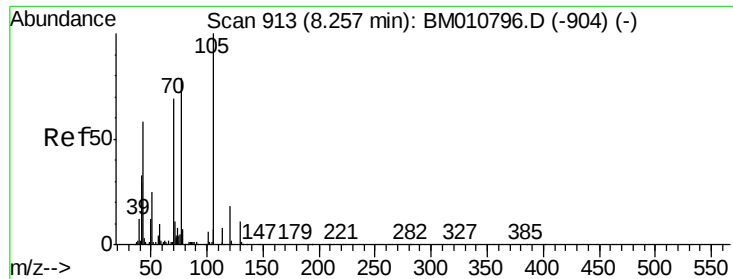


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

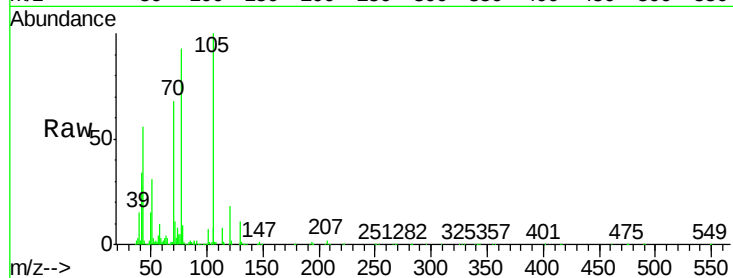




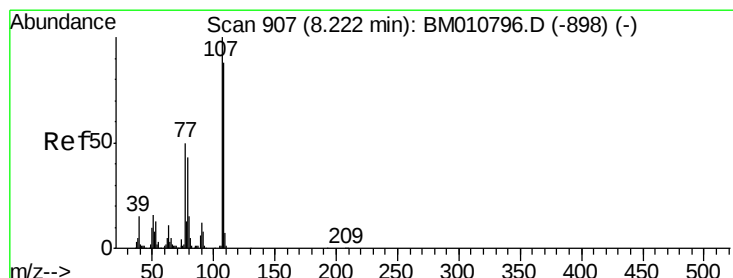
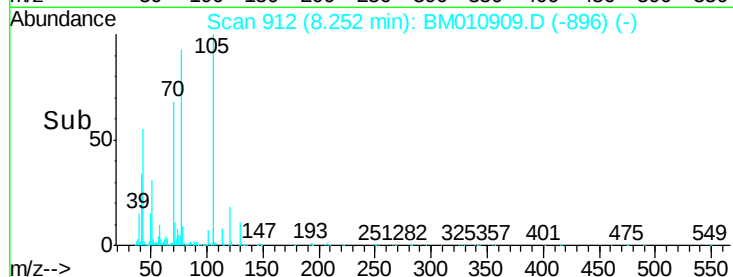
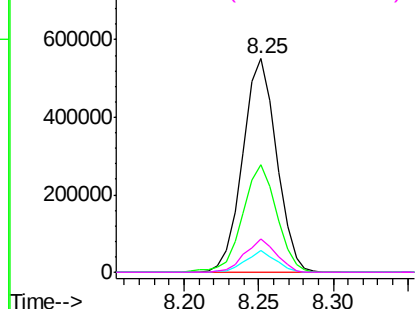
#19
n-Nitroso-di-n-propylamine
Concen: 48.08 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 70 Resp: 865654
Ion Ratio Lower Upper
70 100
42 50.1 44.5 66.7
101 10.1 7.4 11.2
130 15.6 15.3 22.9

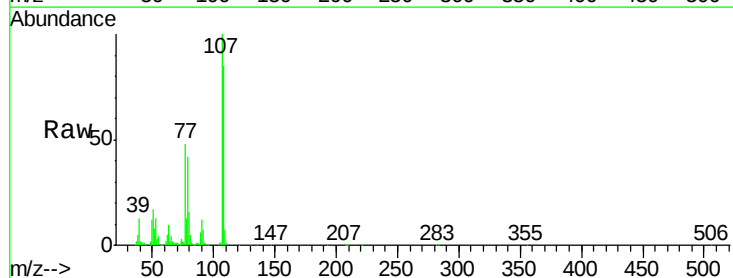


Abundance Ion 70.00 (69.70 to 70.70): BM010909.D (-896) (-)
Ion 42.00 (41.70 to 42.70): BM010909.D (-896) (-)
Ion 101.00 (100.70 to 101.70): BM010909.D (-896) (-)
Ion 130.00 (129.70 to 130.70): BM010909.D (-896) (-)

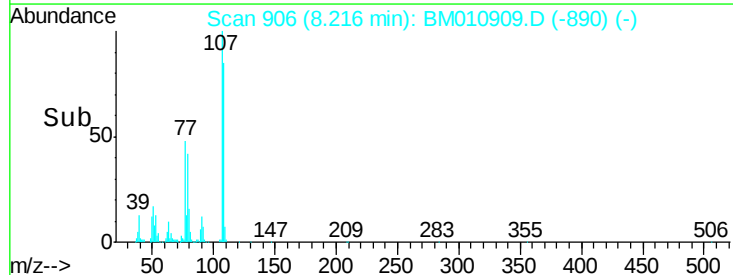
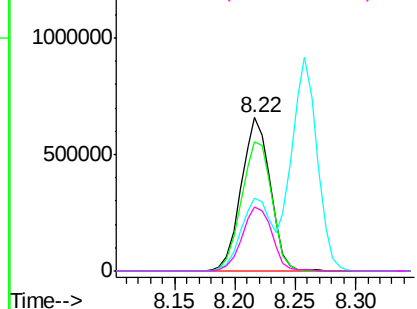


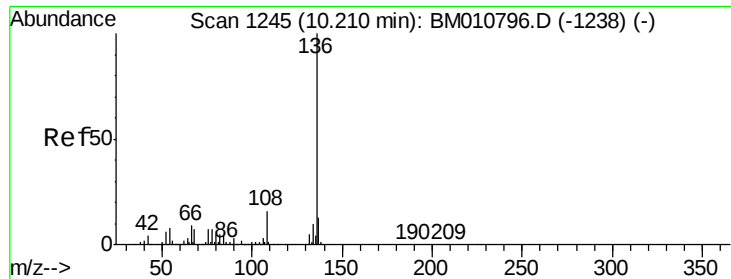
#20
3+4-Methylphenols
Concen: 51.17 ng
RT: 8.22 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion:107 Resp: 1104952
Ion Ratio Lower Upper
107 100
108 84.6 73.2 113.2
77 47.7 10.7 50.7
79 42.1 9.6 49.6



Abundance Ion 107.00 (106.70 to 107.70): BM010909.D (-890) (-)
Ion 108.00 (107.70 to 108.70): BM010909.D (-890) (-)
Ion 77.00 (76.70 to 77.70): BM010909.D (-890) (-)
Ion 79.00 (78.70 to 79.70): BM010909.D (-890) (-)

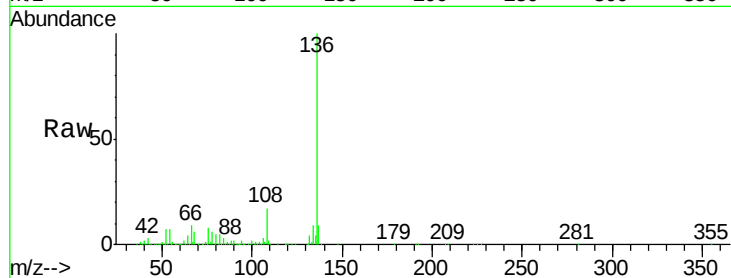




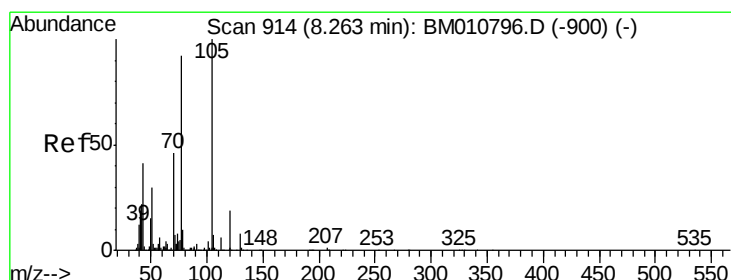
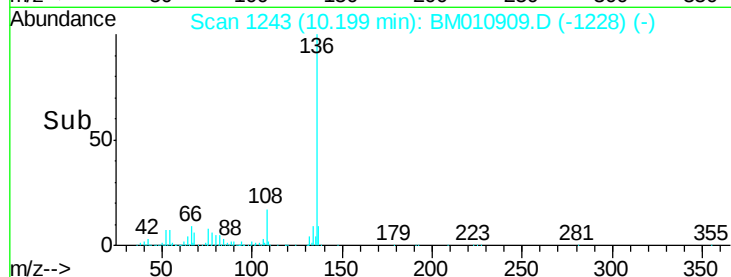
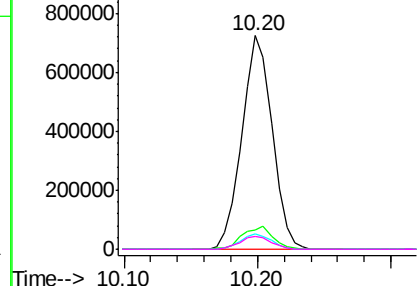
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Instrument :
BNA_M
ClientSampled :

Tot Ion:136 Resp: 1136444
Ion Ratio Lower Upper
136 100
137 9.2 8.7 13.1
54 7.3 4.6 6.8#
68 5.8 3.7 5.5#

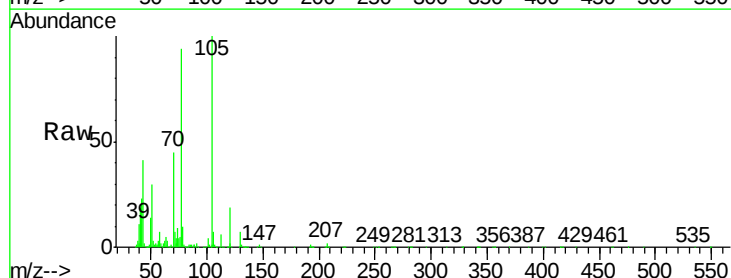


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

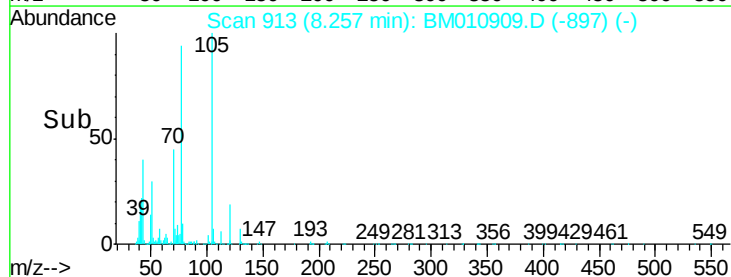
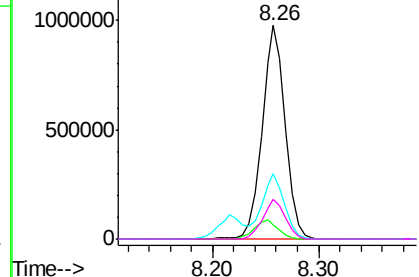


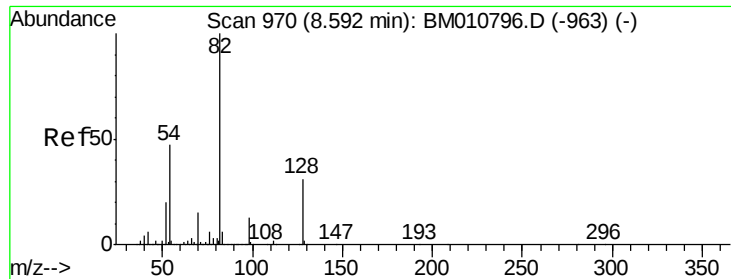
#22
Acetophenone
Concen: 43.30 ng
RT: 8.26 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion:105 Resp: 1481703
Ion Ratio Lower Upper
105 100
71 6.8 0.6 1.0#
51 30.3 21.6 32.4
120 18.9 16.1 24.1



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

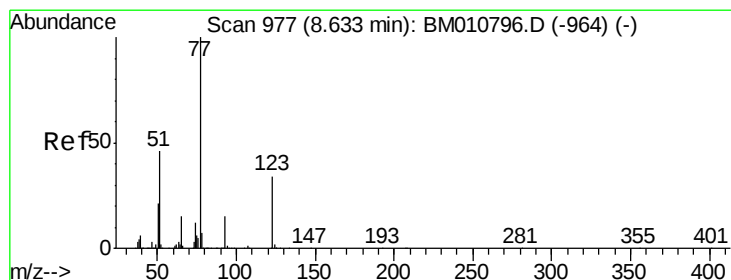
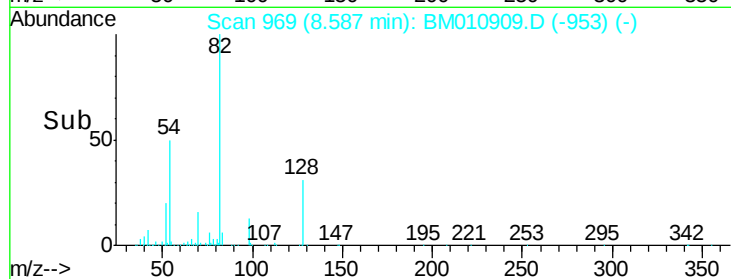
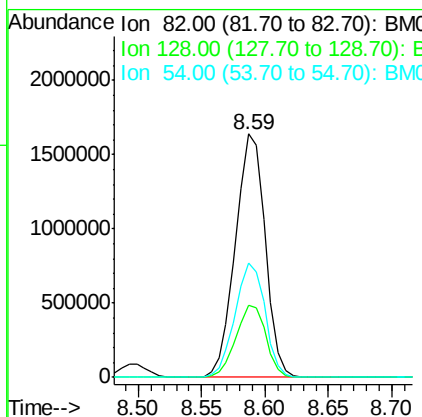
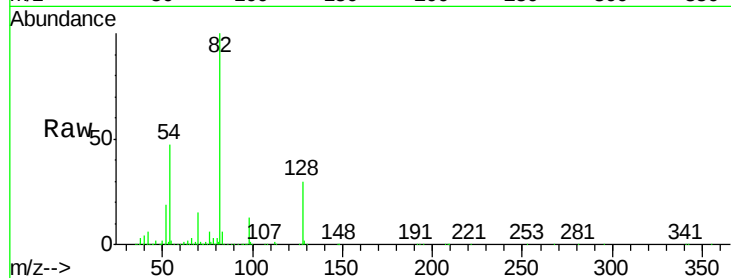




#23
Nitrobenzene-d5
Concen: 90.39 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

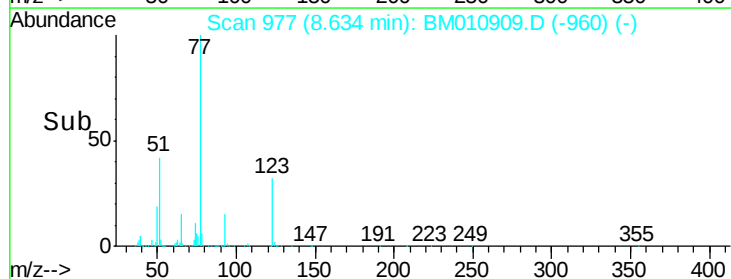
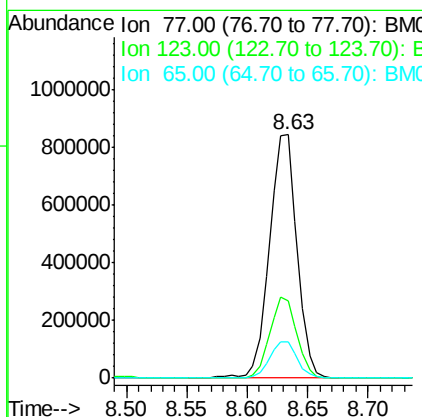
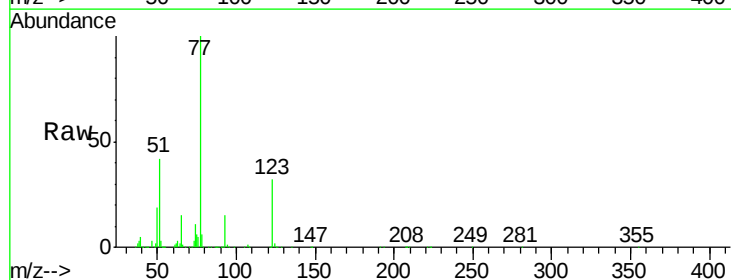
Instrument :
BNA_M
ClientSampleId :

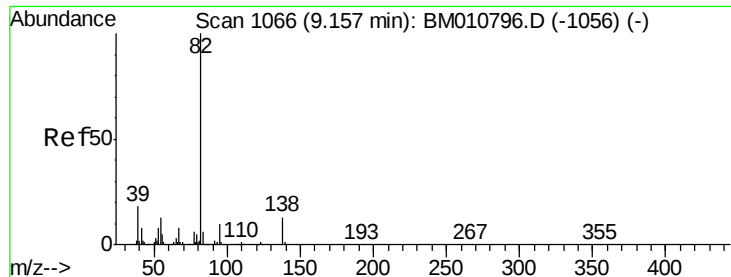
Tot Ion: 82 Resp: 2672362
Ion Ratio Lower Upper
82 100
128 29.6 32.8 49.2#
54 47.0 40.6 60.8



#24
Nitrobenzene
Concen: 44.13 ng
RT: 8.63 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion: 77 Resp: 1337198
Ion Ratio Lower Upper
77 100
123 31.7 32.6 49.0#
65 14.8 10.9 16.3





#25

Isophorone

Concen: 47.14 ng

RT: 9.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

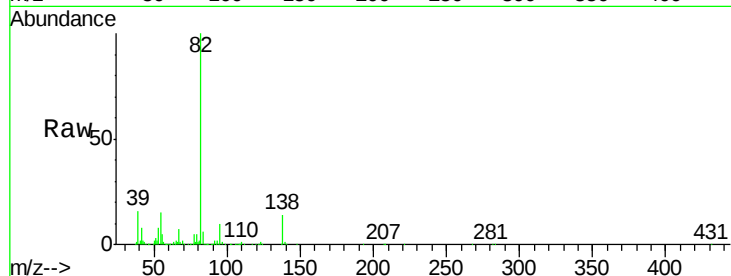
Tot Ion: 82 Resp: 2283448

Ion Ratio Lower Upper

82 100

95 9.8 5.8 8.6#

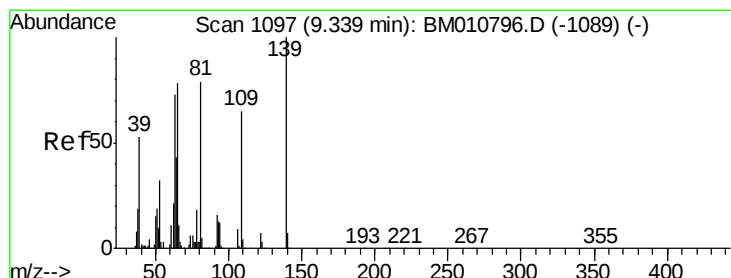
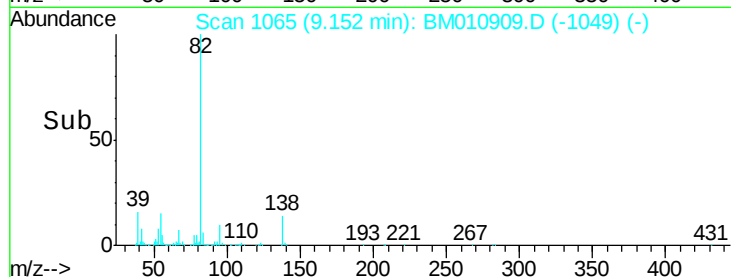
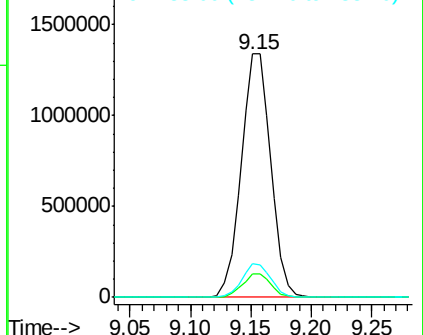
138 13.8 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-1056) (-)

Ion 95.00 (94.70 to 95.70): BM010796.D (-1056) (-)

Ion 138.00 (137.70 to 138.70): BM010796.D (-1056) (-)



#26

2-Nitrophenol

Concen: 46.47 ng

RT: 9.33 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

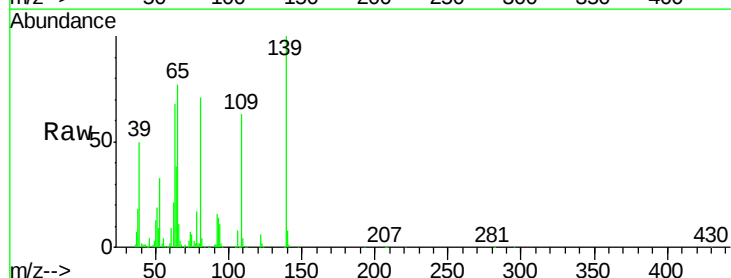
Tgt Ion: 139 Resp: 468512

Ion Ratio Lower Upper

139 100

109 63.1 20.1 30.1#

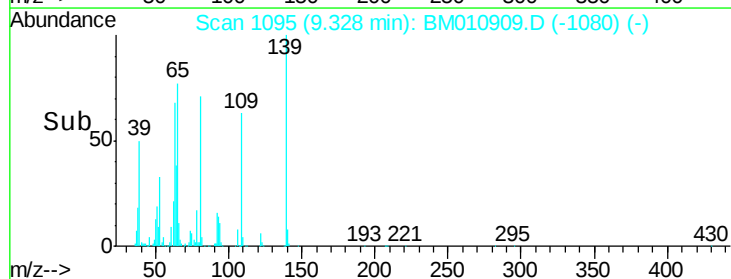
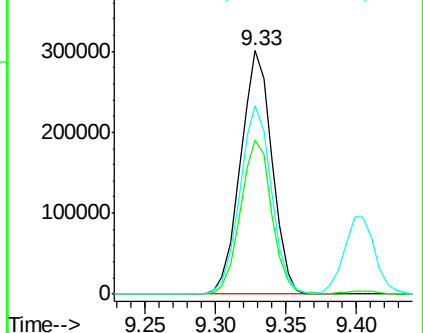
65 77.4 31.5 47.3#

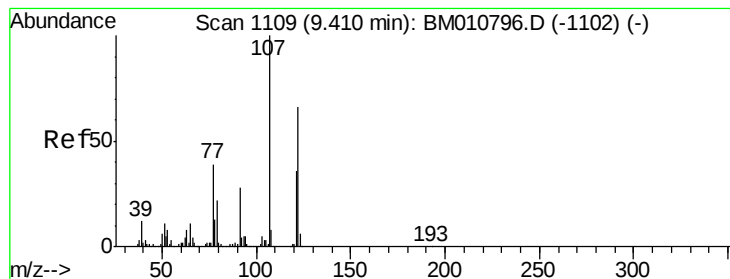


Abundance Ion 139.00 (138.70 to 139.70): BM010796.D (-1089) (-)

Ion 109.00 (108.70 to 109.70): BM010796.D (-1089) (-)

Ion 65.00 (64.70 to 65.70): BM010796.D (-1089) (-)





#27

2,4-Dimethylphenol

Concen: 46.46 ng

RT: 9.40 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

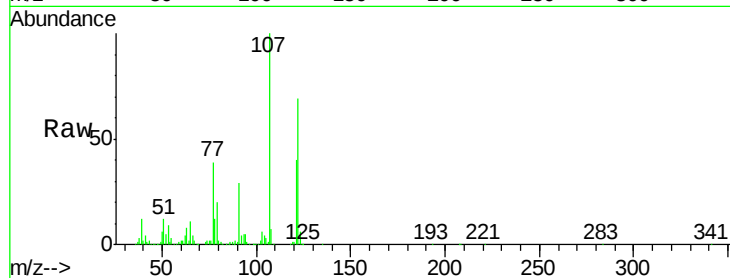
Tot Ion:122 Resp: 836082

Ion Ratio Lower Upper

122 100

107 145.9 84.7 127.1#

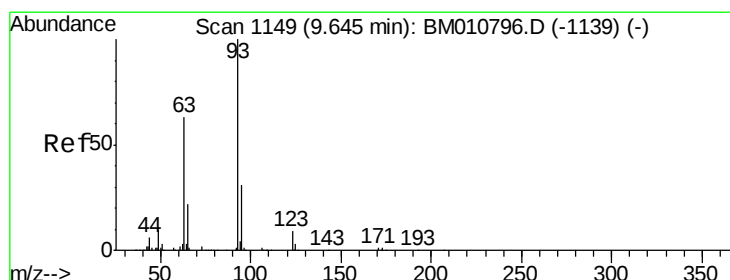
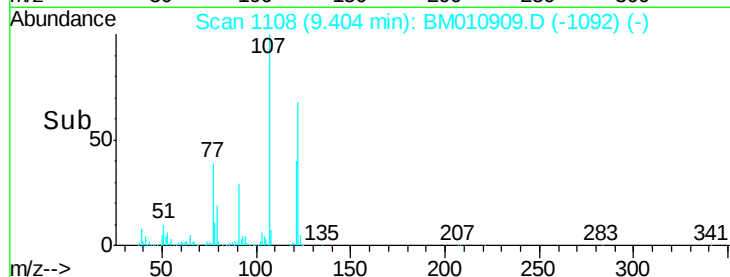
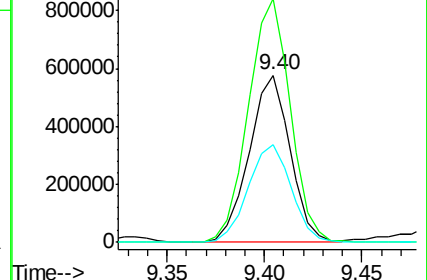
121 58.4 46.6 69.8



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: 46.83 ng

RT: 9.64 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

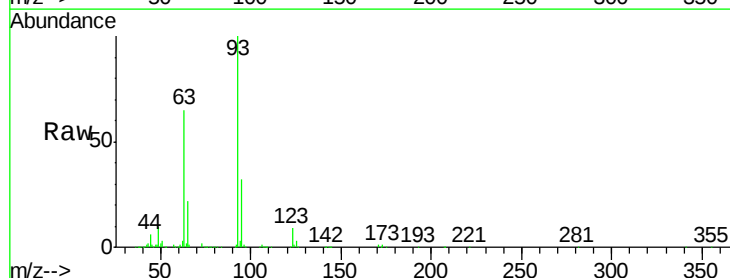
Tgt Ion: 93 Resp: 1271608

Ion Ratio Lower Upper

93 100

95 32.0 25.5 38.3

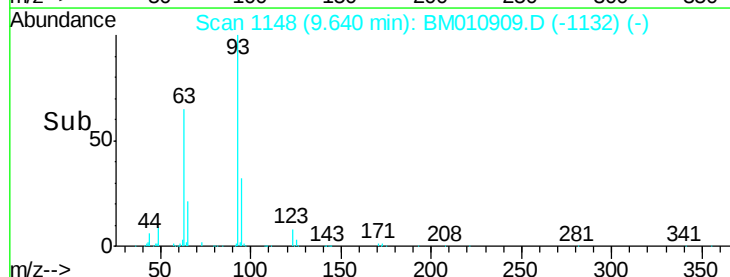
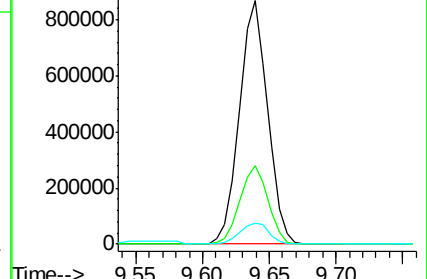
123 8.7 8.6 13.0

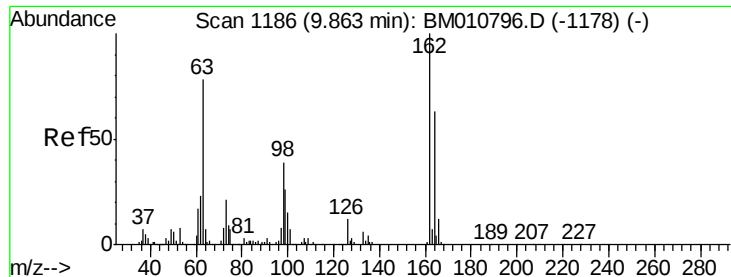


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

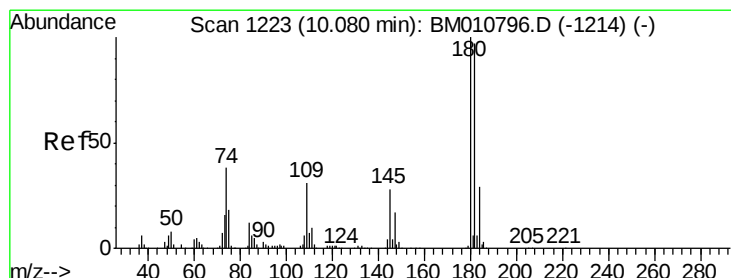
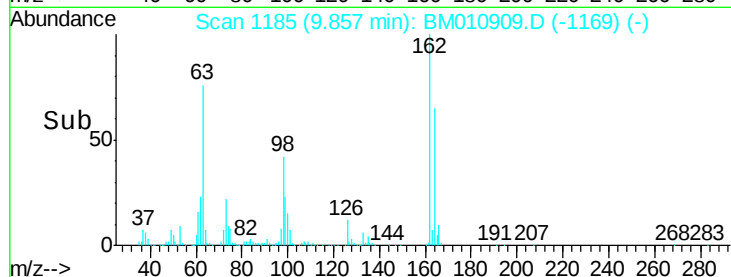
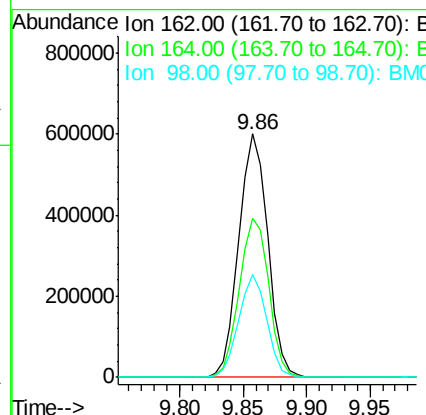
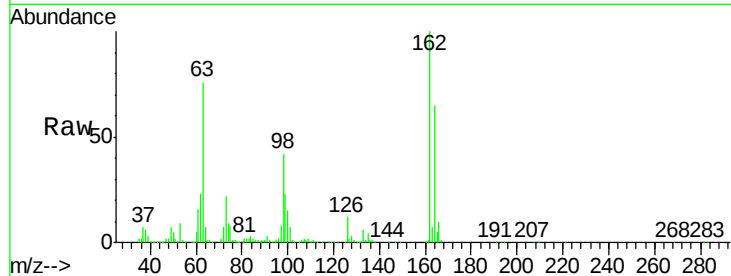




#29
2,4-Dichlorophenol
Concen: 46.76 ng
RT: 9.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

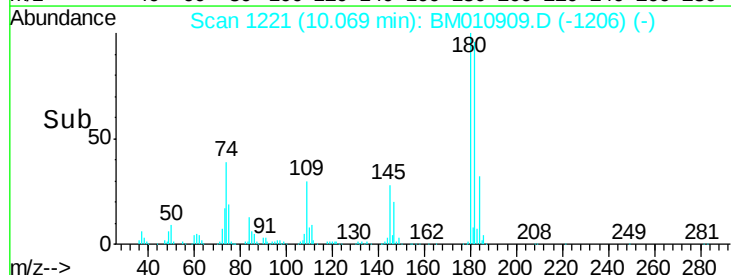
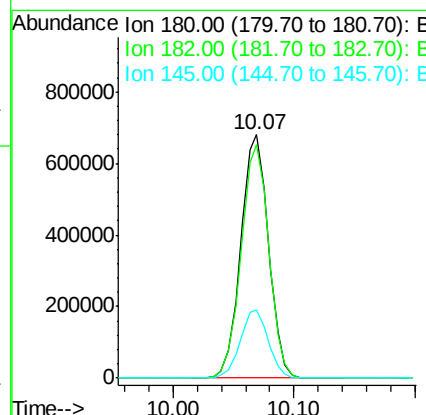
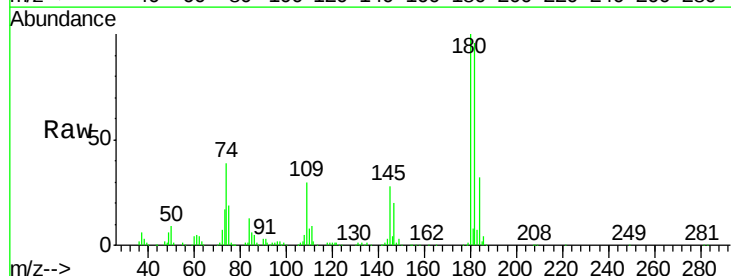
Instrument :
BNA_M
ClientSampleId :

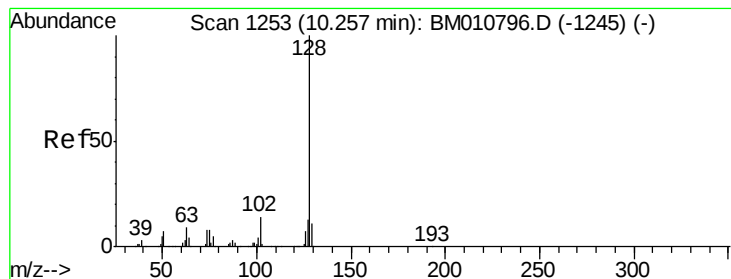
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.8	82.8
98	42.0	14.5	54.5



#30
1,2,4-Trichlorobenzene
Concen: 43.73 ng
RT: 10.07 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.6	116.4
145	28.2	23.4	35.2





#31

Naphthalene

Concen: 44.97 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

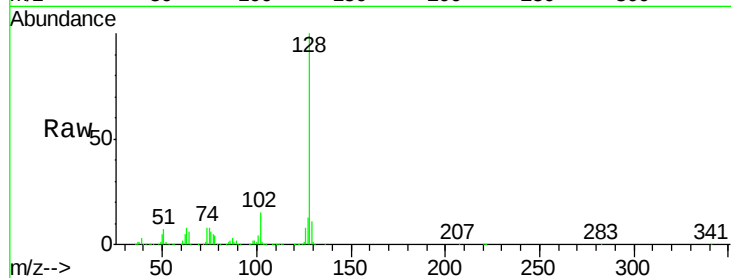
Tot Ion:128 Resp: 2598453

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

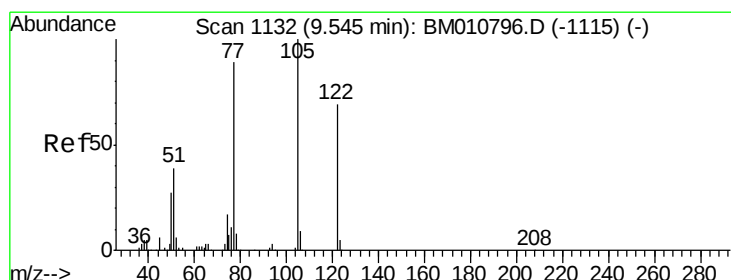
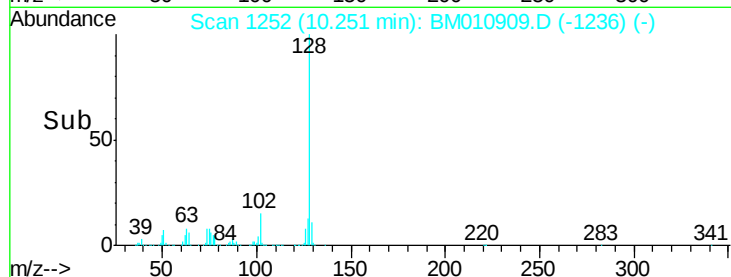
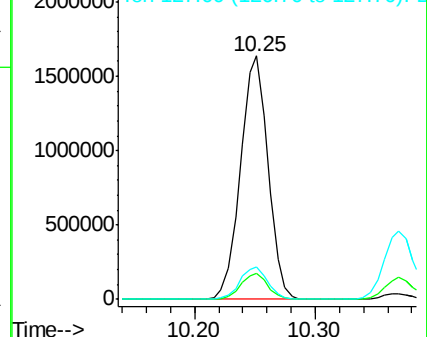
127 13.1 10.4 15.6



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: 45.88 ng

RT: 9.57 min Scan# 1136

Delta R.T. 0.02 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

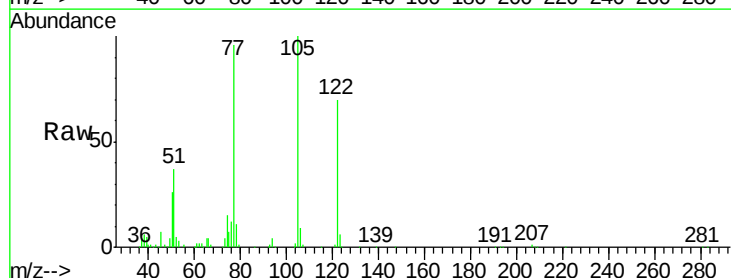
Tgt Ion:122 Resp: 647816

Ion Ratio Lower Upper

122 100

105 142.8 99.9 139.9#

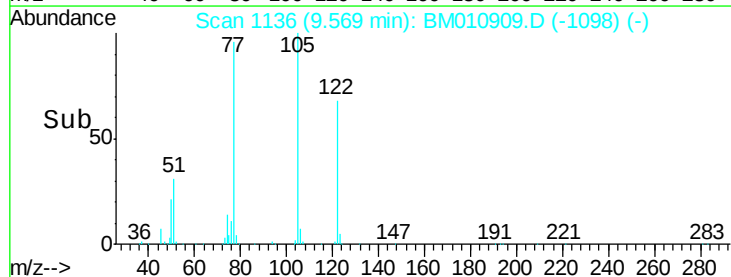
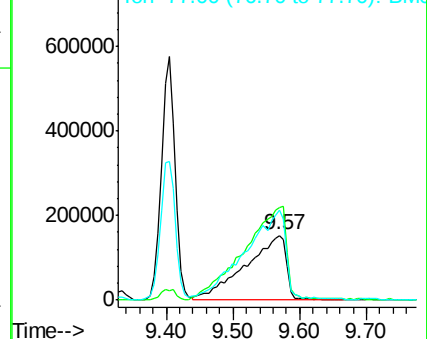
77 137.8 73.7 113.7#

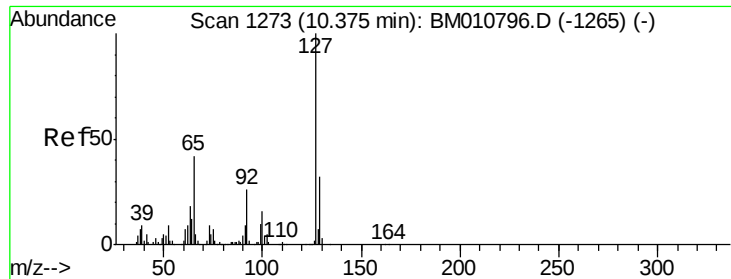


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

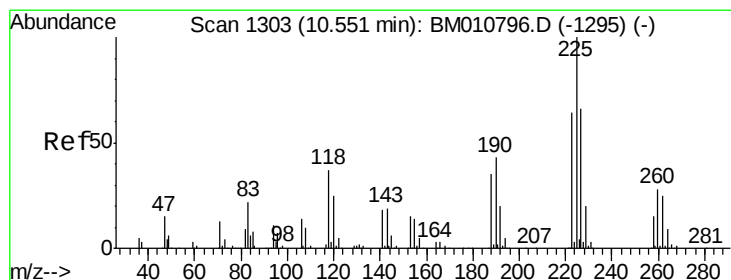
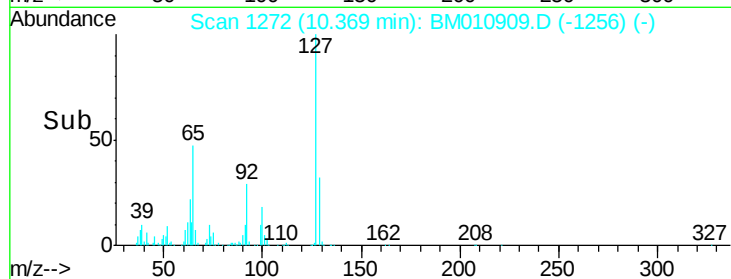
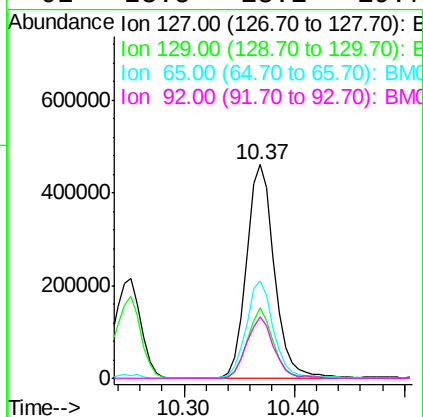
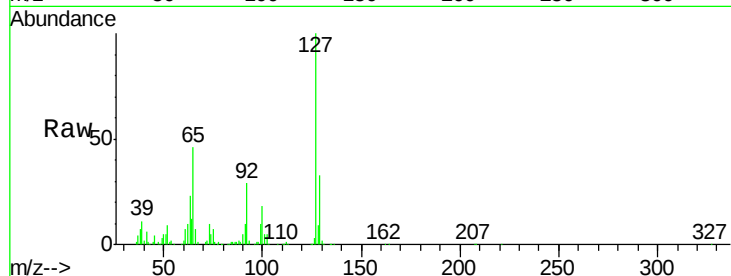




#33
4-Chloroaniline
Concen: 35.05 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

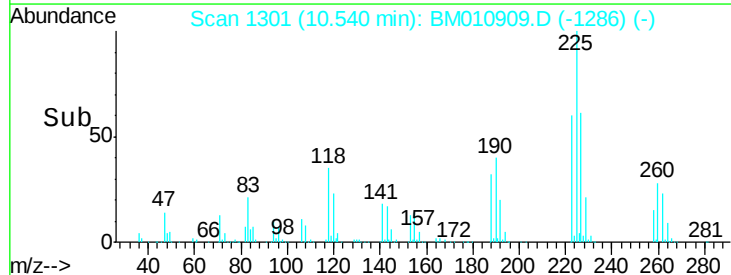
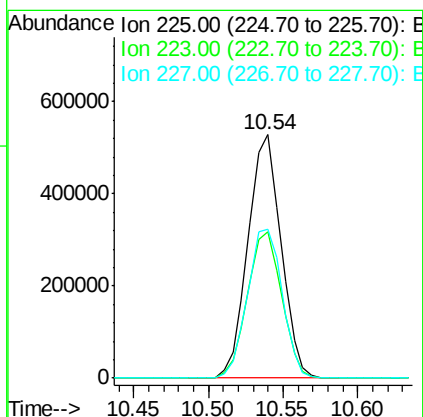
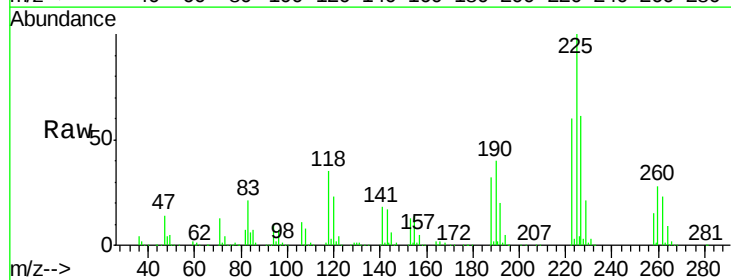
Instrument :
BNA_M
ClientSampleId :

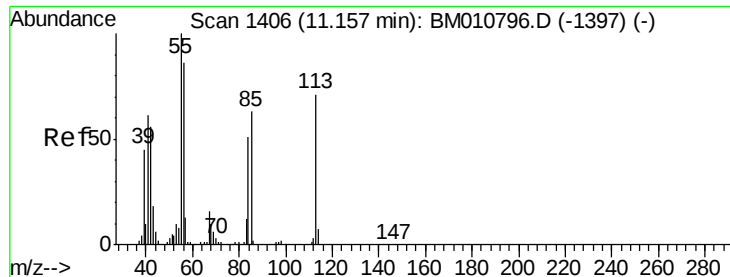
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.3	37.9
65	45.7	17.6	26.4
92	28.5	13.1	19.7



#34
Hexachlorobutadiene
Concen: 41.94 ng
RT: 10.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	47.9	71.9
227	61.3	50.1	75.1





#35

Caprolactam

Concen: 29.32 ng

RT: 11.17 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampled :

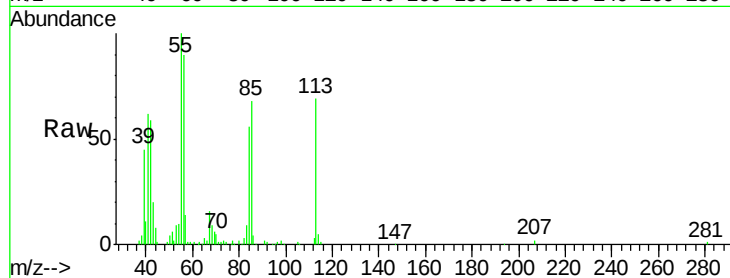
Tot Ion:113 Resp: 158683

Ion Ratio Lower Upper

113 100

55 143.9 145.9 185.9#

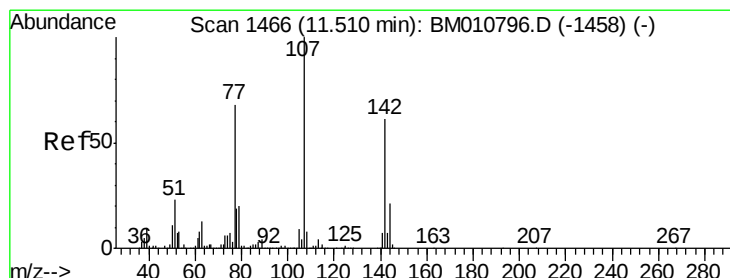
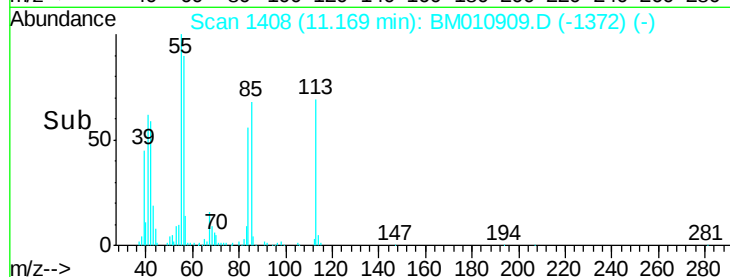
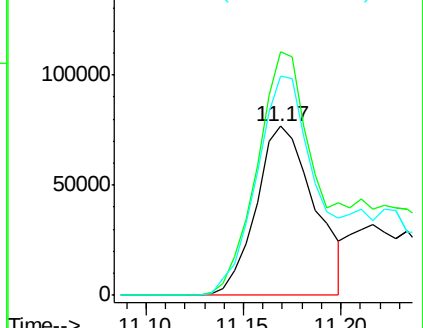
56 129.6 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 48.46 ng

RT: 11.51 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

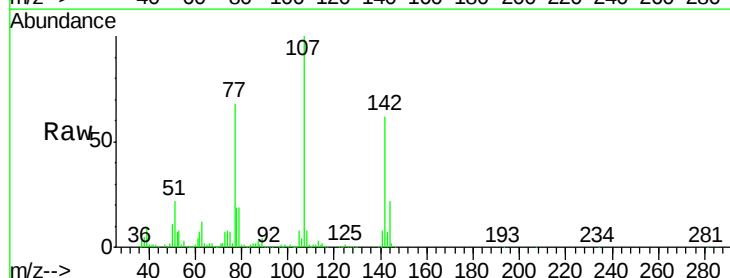
Tgt Ion:107 Resp: 1191661

Ion Ratio Lower Upper

107 100

144 21.9 23.3 34.9#

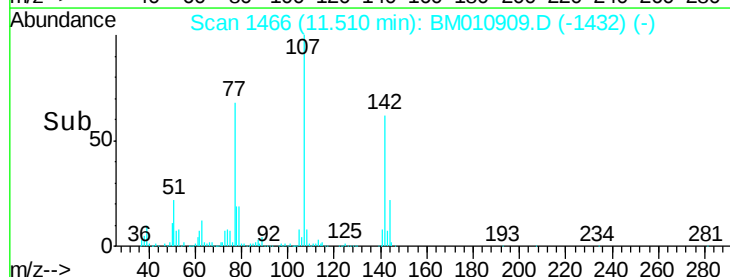
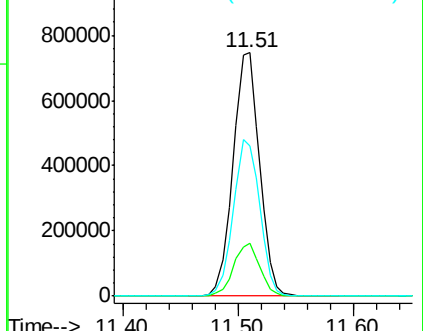
142 61.9 72.6 109.0#

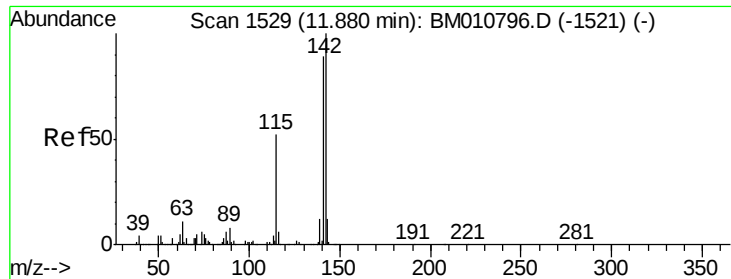


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

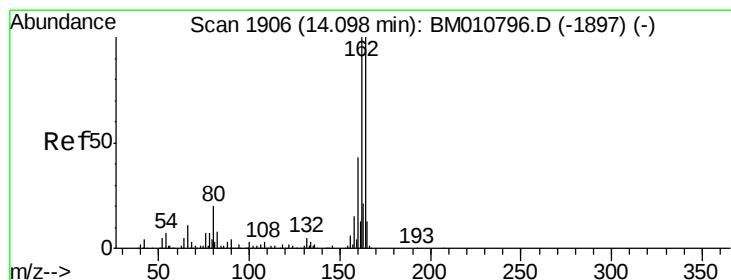
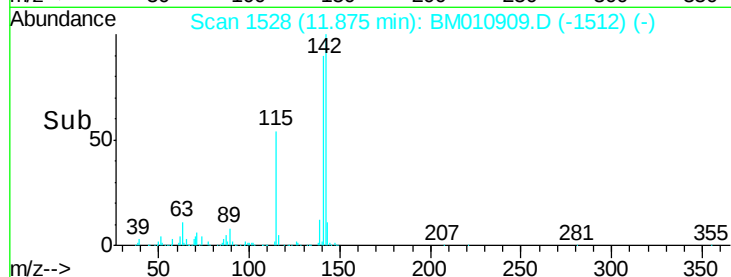
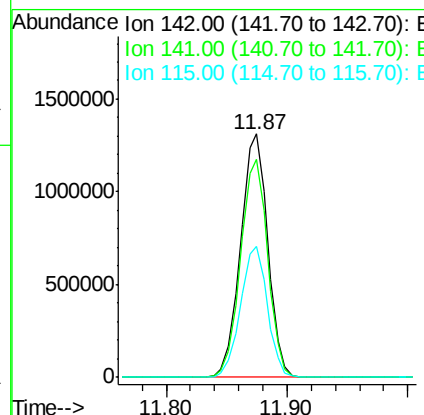
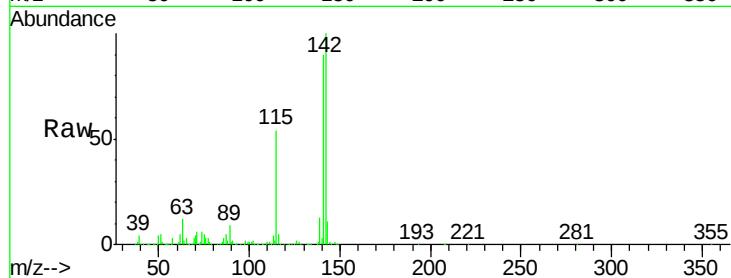




#37
2-Methylnaphthalene
Concen: 49.62 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

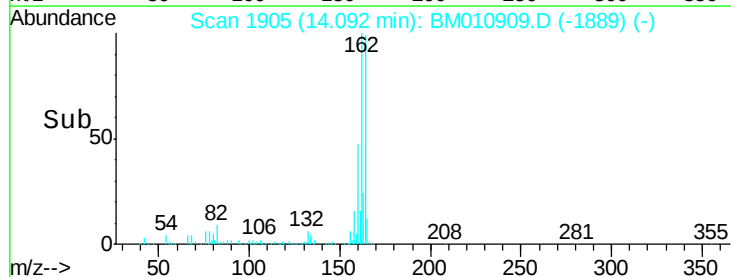
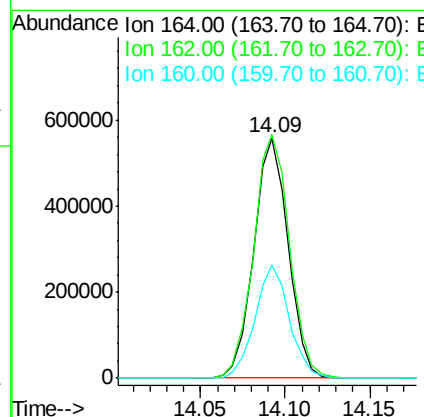
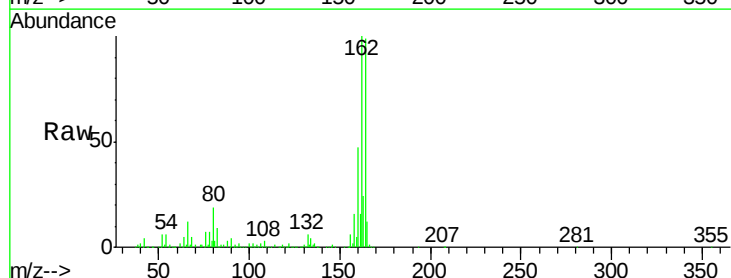
Instrument :
BNA_M
ClientSampleId :

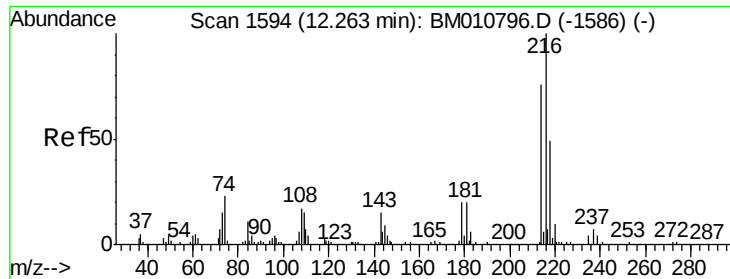
Tot Ion:142 Resp: 2059337
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9
115 53.8 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion:164 Resp: 787257
Ion Ratio Lower Upper
164 100
162 101.3 82.4 123.6
160 47.2 35.8 53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.83 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampled :

Tot Ion:216 Resp: 1435499

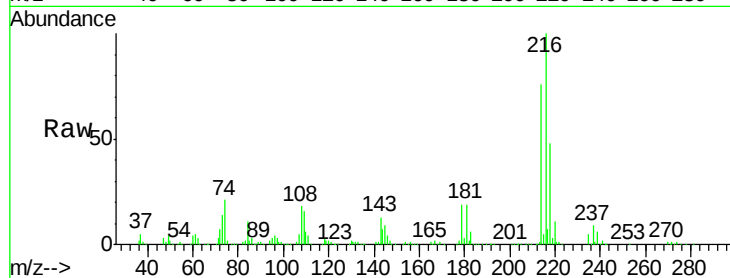
Ion	Ratio	Lower	Upper
216	100		
214	76.9	0.0	0.0#
179	20.1	0.0	0.0#
108	24.2	0.0	0.0#

216 100

214 76.9 0.0 0.0#

179 20.1 0.0 0.0#

108 24.2 0.0 0.0#

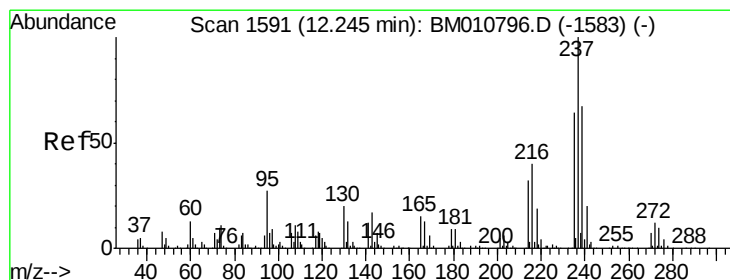
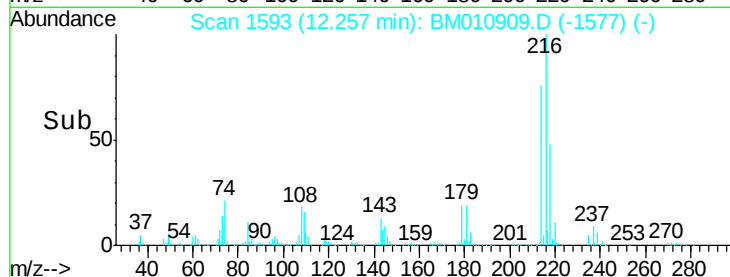
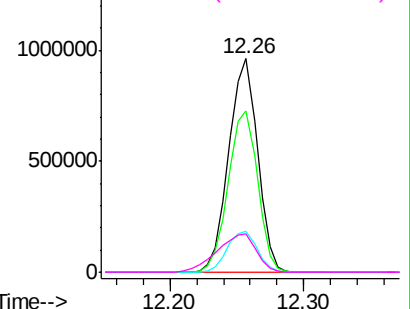


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 109.17 ng

RT: 12.23 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

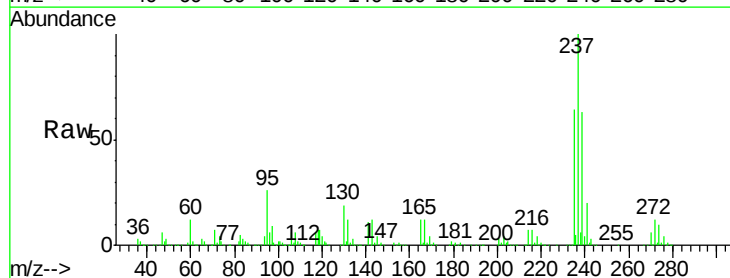
Tgt Ion:237 Resp: 2147562

Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.0	82.0
272	11.5	0.0	33.4

237 100

235 64.0 42.0 82.0

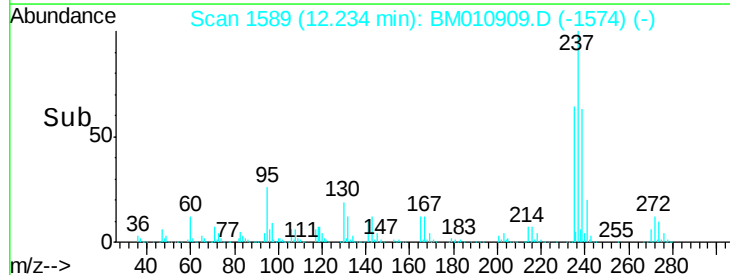
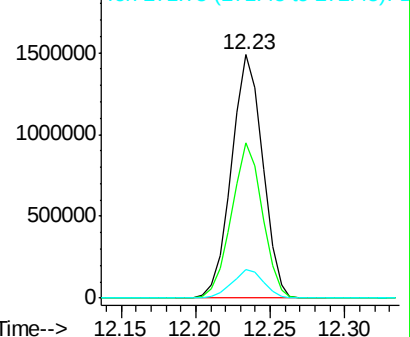
272 11.5 0.0 33.4

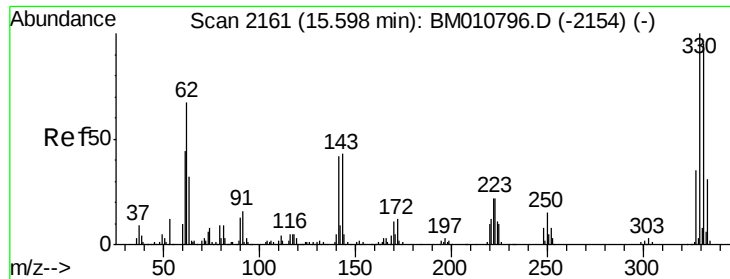


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

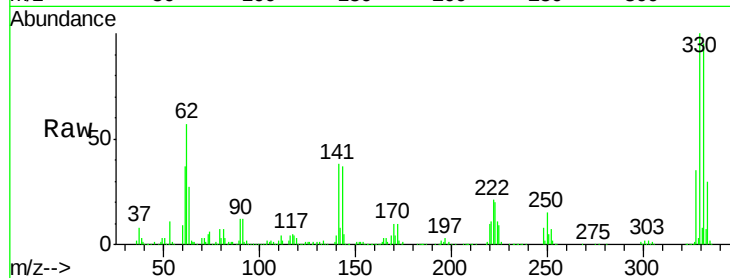




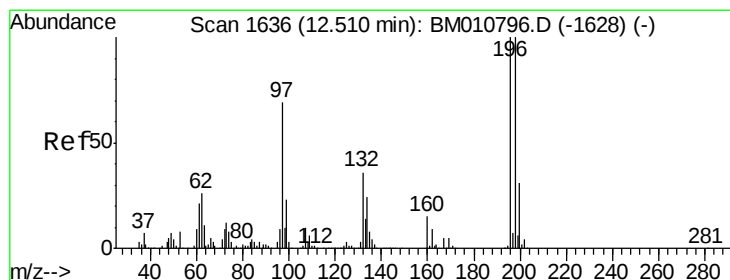
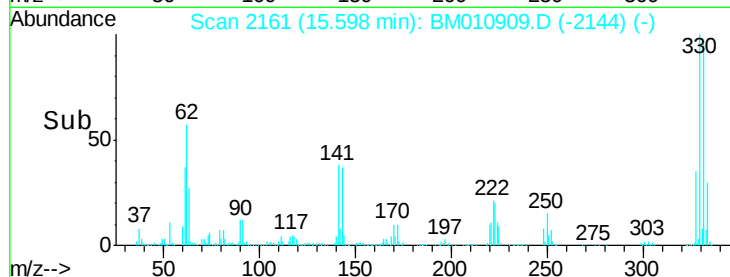
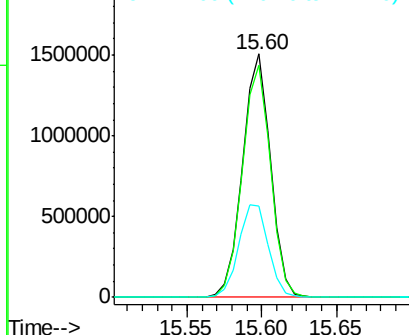
#41
 2,4,6-Tribromophenol
 Concen: 162.52 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010909.D
 Acq: 20 Jul 2017 15:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1955243
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 40.6 0.0 0.0#

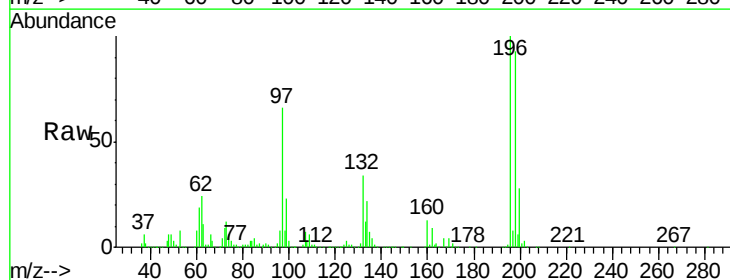


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

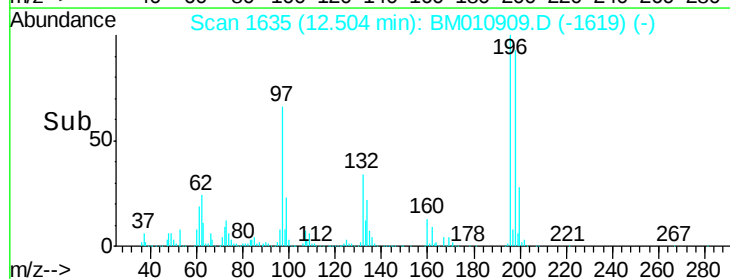
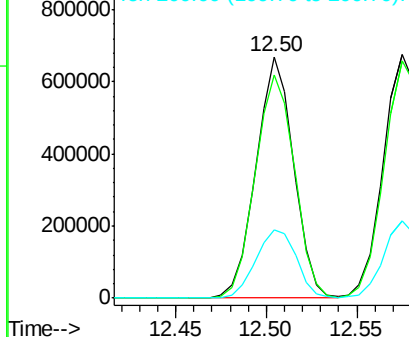


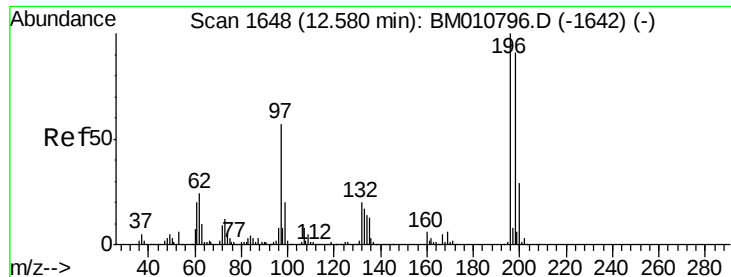
#42
 2,4,6-Trichlorophenol
 Concen: 45.63 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM010909.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:196 Resp: 964255
 Ion Ratio Lower Upper
 196 100
 198 92.6 76.3 114.5
 200 28.2 25.6 38.4



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

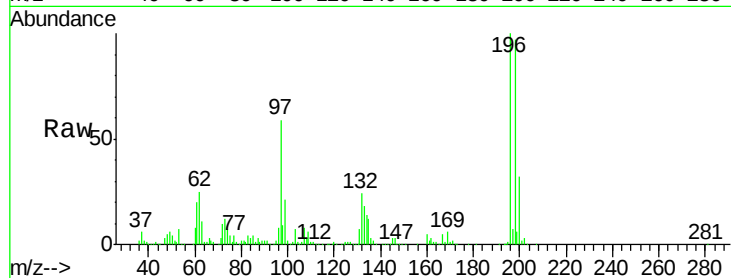




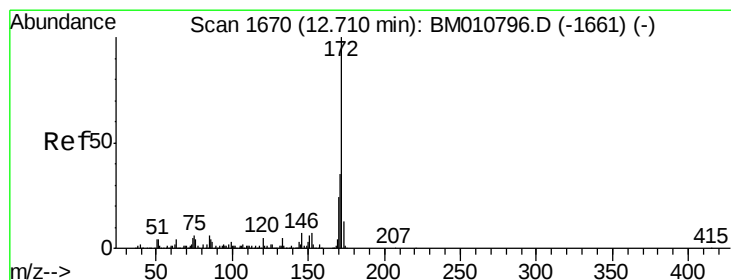
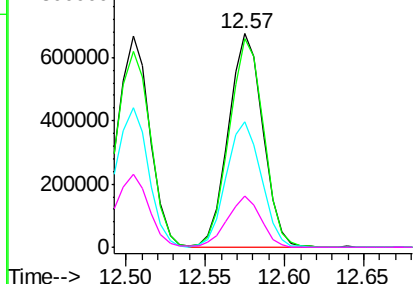
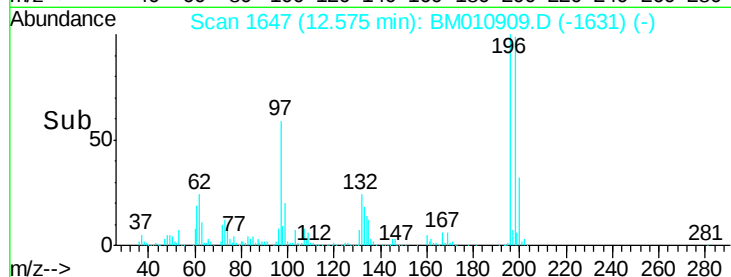
#43
2,4,5-Trichlorophenol
Concen: 48.39 ng
RT: 12.57 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:196 Resp: 1009526
Ion Ratio Lower Upper
196 100
198 97.5 79.4 119.0
97 59.0 26.8 40.2#
132 24.3 18.6 28.0

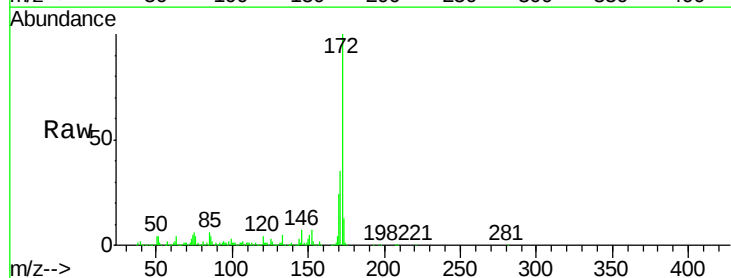


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM
Ion 132.00 (131.70 to 132.70): E

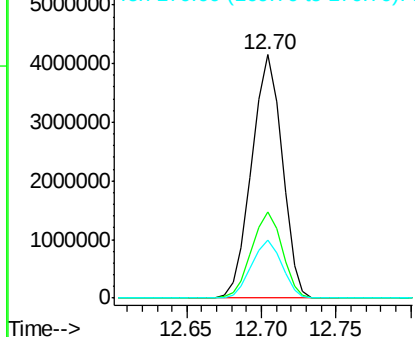
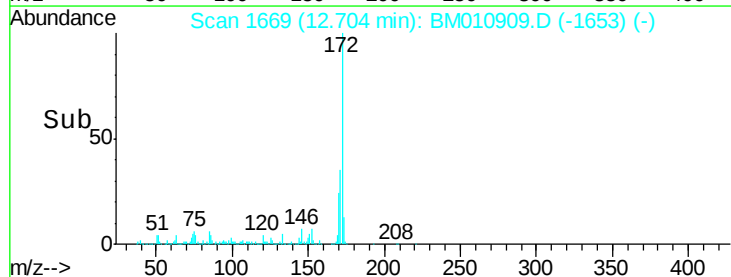


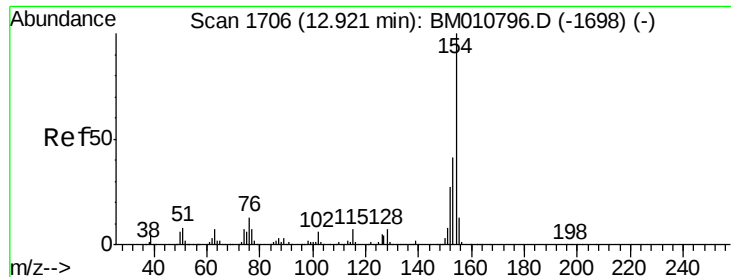
#44
2-Fluorobiphenyl
Concen: 92.85 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion:172 Resp: 5876078
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.8 18.8 28.2



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

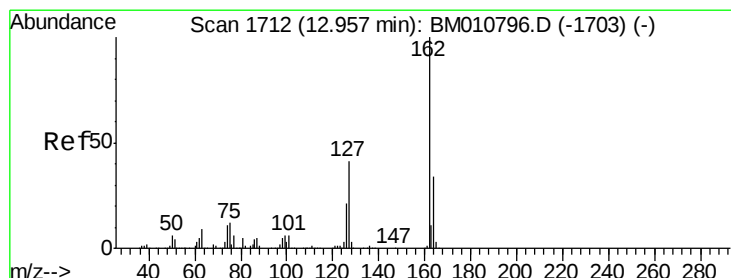
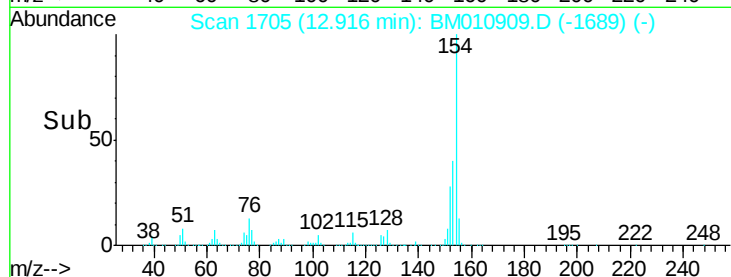
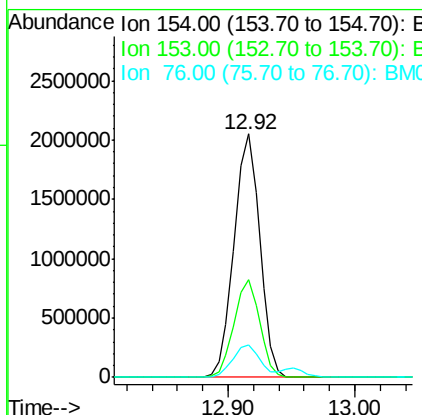
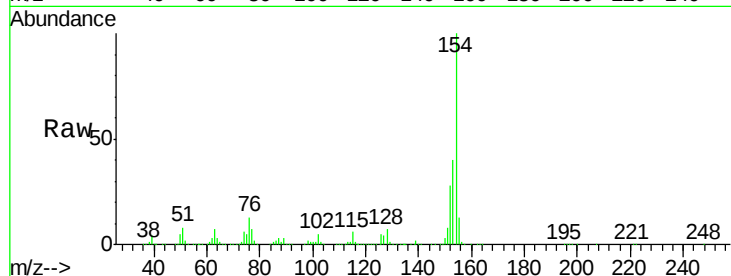




#45
 1,1'-Biphenyl
 Concen: 41.83 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM010909.D
 Acq: 20 Jul 2017 15:24

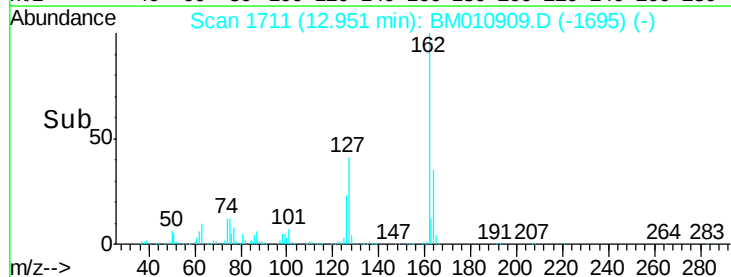
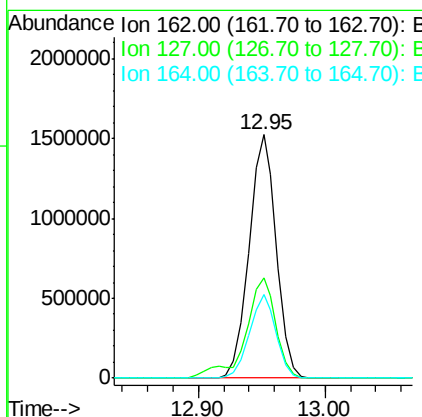
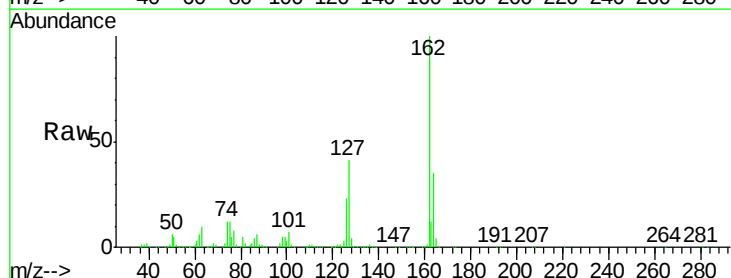
Instrument :
 BNA_M
 ClientSampled :

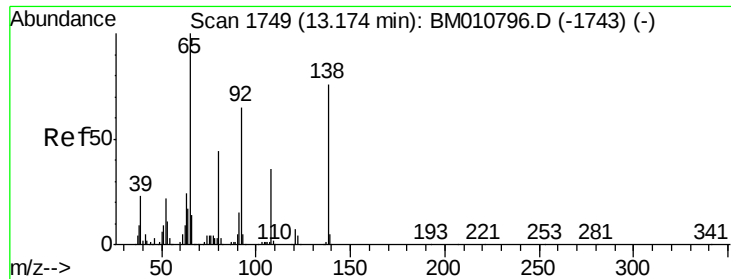
Tot Ion:154 Resp: 2869275
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.7 60.7
 76 13.1 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 44.93 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM010909.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:162 Resp: 2259493
 Ion Ratio Lower Upper
 162 100
 127 41.0 26.9 40.3#
 164 34.6 26.8 40.2





#47

2-Nitroaniline

Concen: 53.59 ng

RT: 13.17 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

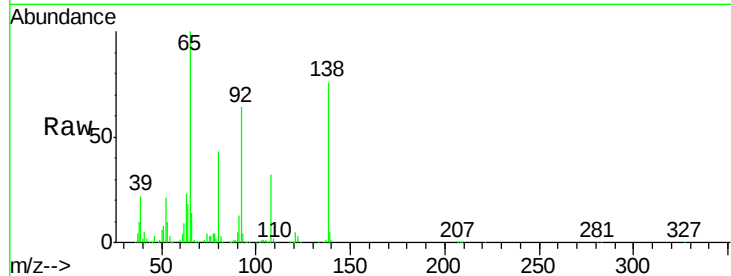
Tot Ion: 65 Resp: 885940

Ion Ratio Lower Upper

65 100

92 64.2 59.1 88.7

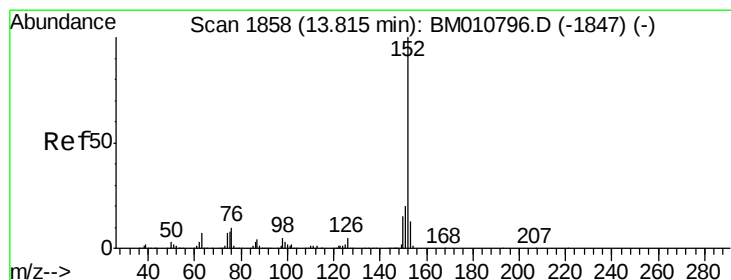
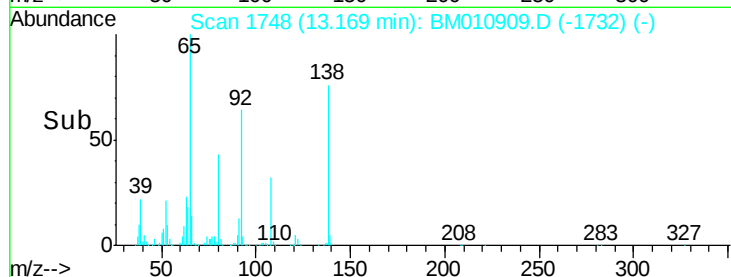
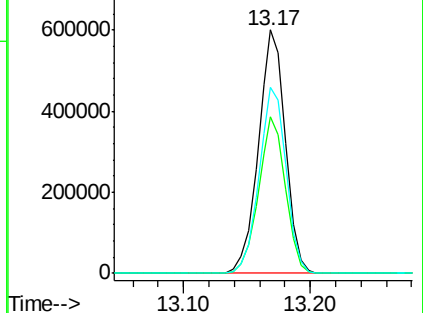
138 76.5 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM010796.D (-1743) (-)

Ion 92.00 (91.70 to 92.70): BM010796.D (-1743) (-)

Ion 138.00 (137.70 to 138.70): BM010796.D (-1743) (-)



#48

Acenaphthylene

Concen: 47.14 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

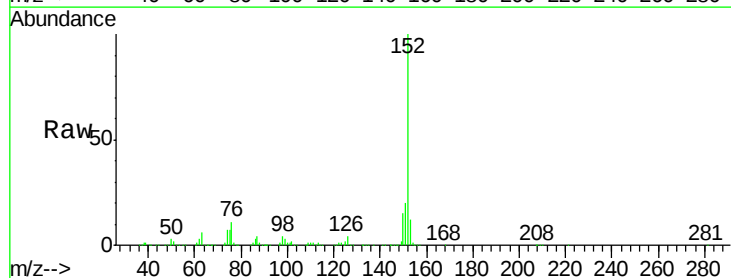
Tgt Ion: 152 Resp: 3525827

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

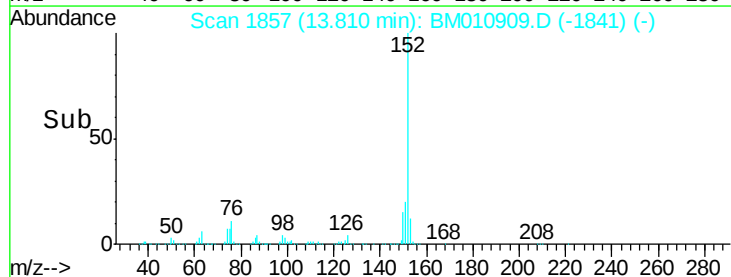
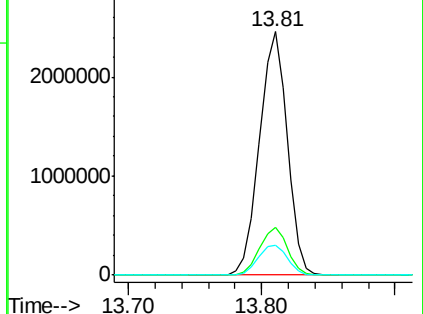
153 12.2 10.6 16.0

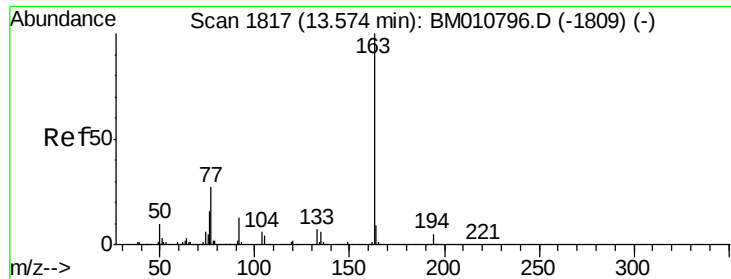


Abundance Ion 152.00 (151.70 to 152.70): BM010796.D (-1847) (-)

Ion 151.00 (150.70 to 151.70): BM010796.D (-1847) (-)

Ion 153.00 (152.70 to 153.70): BM010796.D (-1847) (-)

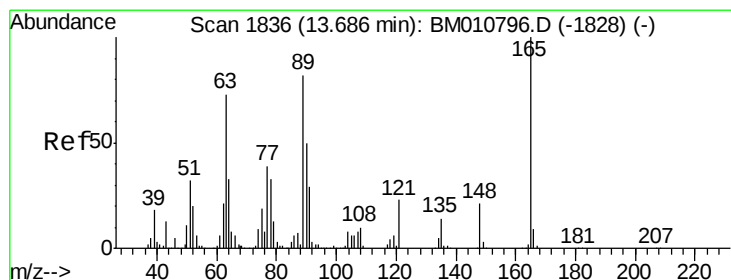
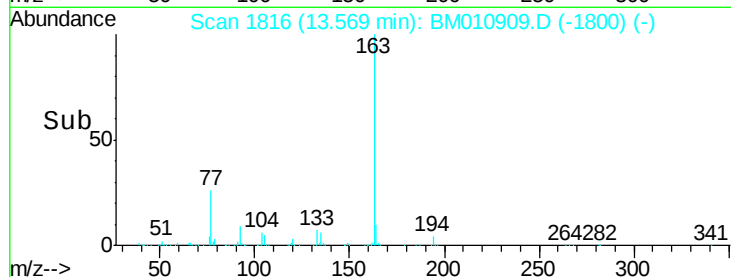
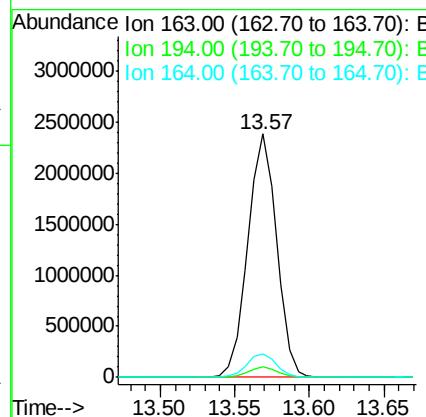
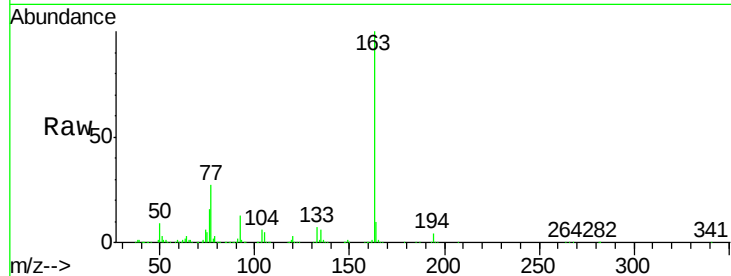




#49
Dimethylphthalate
Concen: 47.47 ng
RT: 13.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

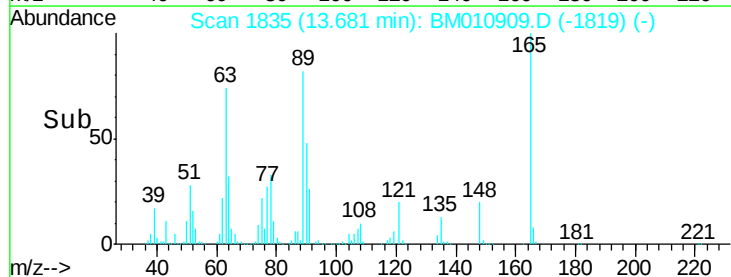
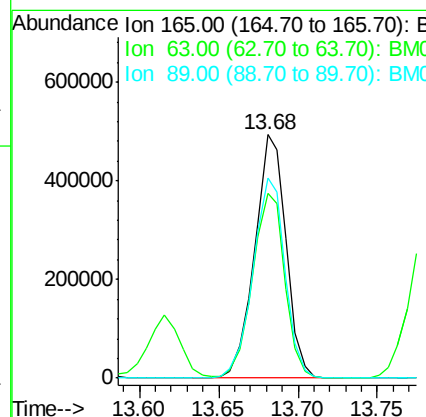
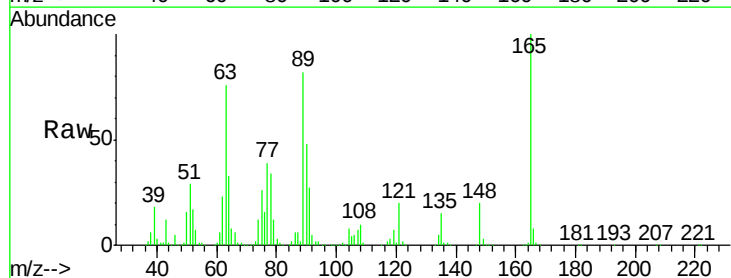
Instrument :
BNA_M
ClientSampleId :

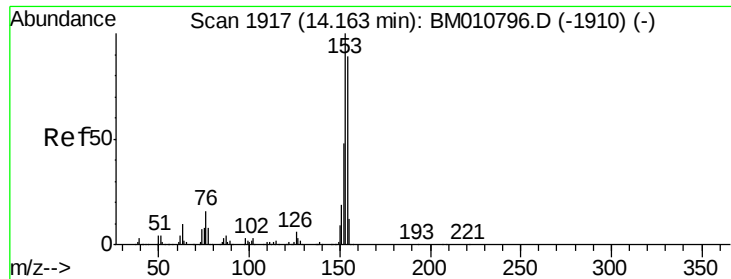
Tot Ion:163 Resp: 3179333
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 9.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 51.52 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion:165 Resp: 676873
Ion Ratio Lower Upper
165 100
63 75.6 44.1 66.1#
89 82.1 44.3 66.5#





#51

Acenaphthene

Concen: 46.55 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

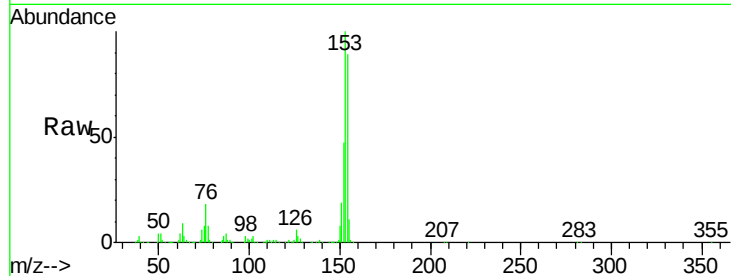
Tot Ion:154 Resp: 2127640

Ion Ratio Lower Upper

154 100

153 113.0 90.0 135.0

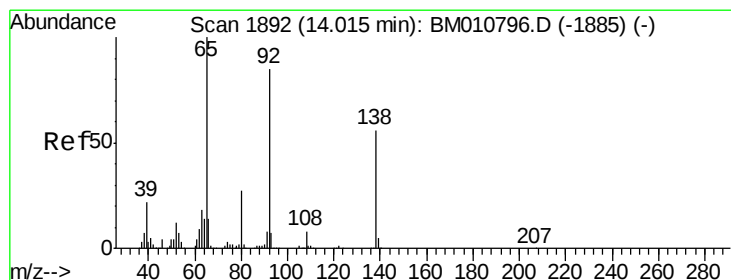
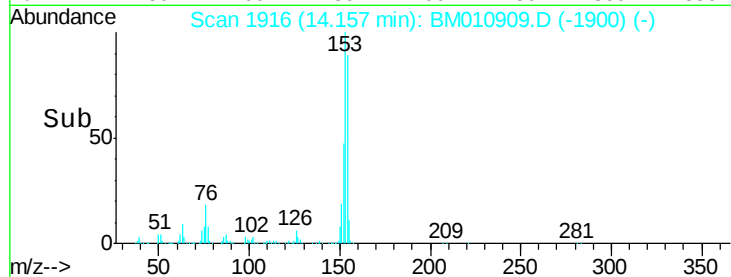
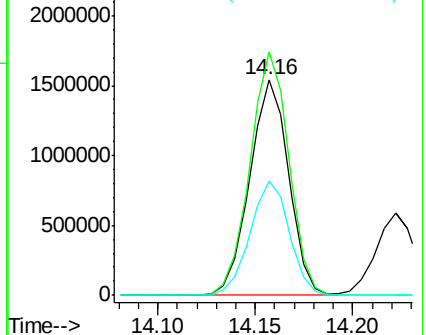
152 52.8 42.6 63.8



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



#52

3-Nitroaniline

Concen: 46.45 ng

RT: 14.01 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

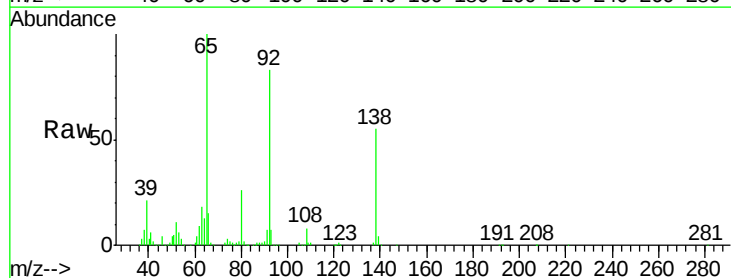
Tgt Ion:138 Resp: 554686

Ion Ratio Lower Upper

138 100

108 14.9 7.3 10.9#

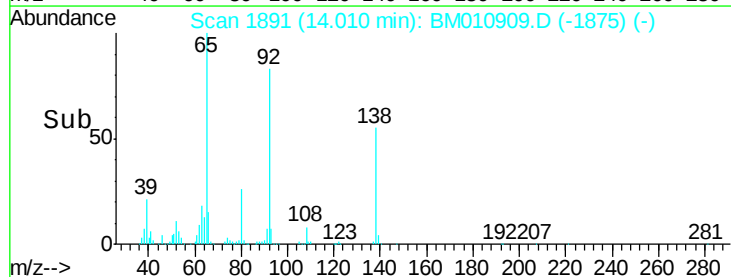
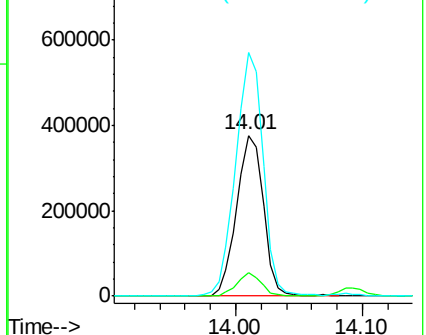
92 151.5 76.6 114.8#

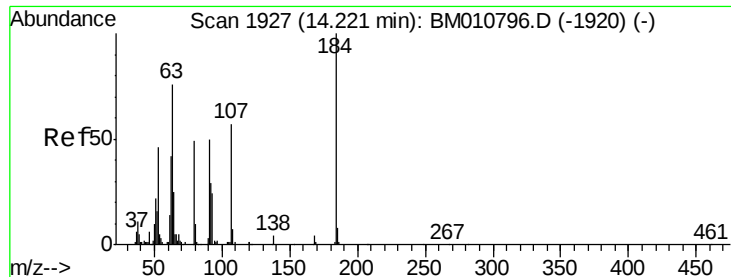


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 107.72 ng

RT: 14.22 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

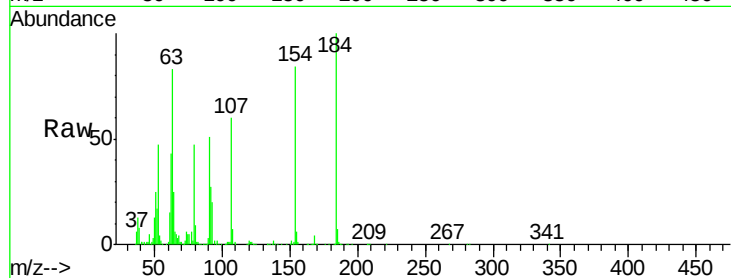
Tot Ion:184 Resp: 978214

Ion Ratio Lower Upper

184 100

63 82.6 69.2 103.8

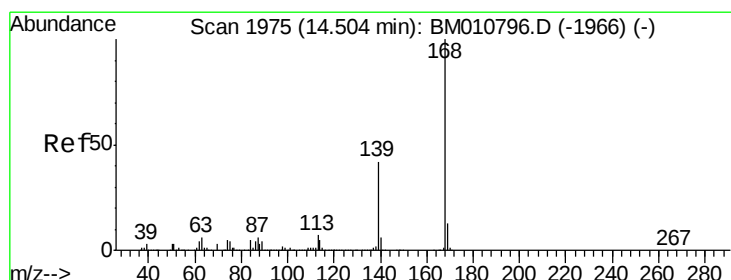
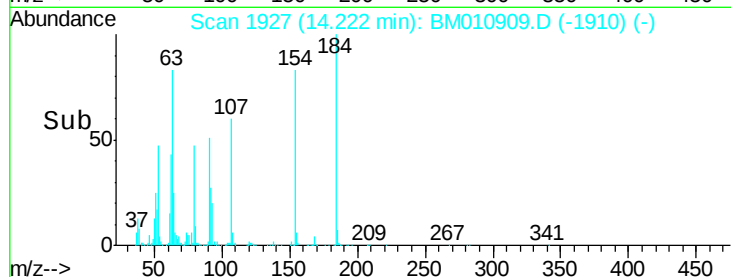
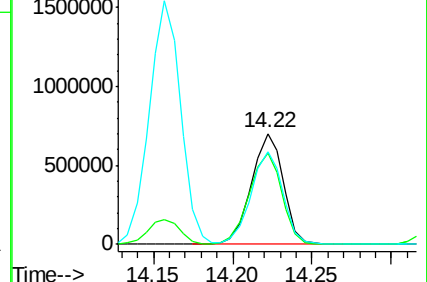
154 83.6 53.3 79.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 50.94 ng

RT: 14.50 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

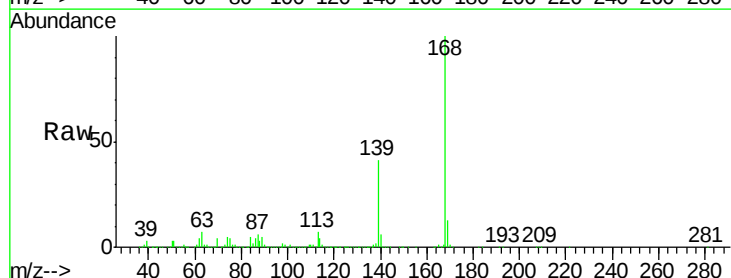
Tgt Ion:168 Resp: 3766110

Ion Ratio Lower Upper

168 100

139 41.4 27.3 40.9#

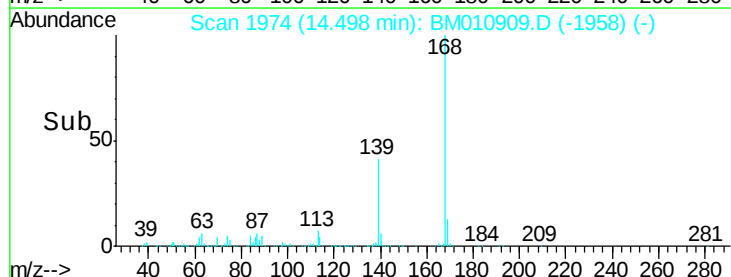
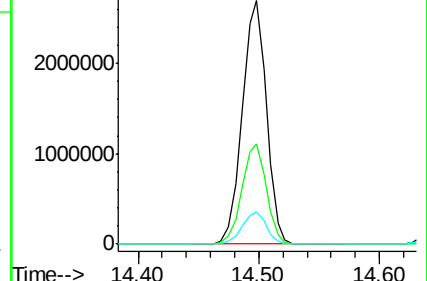
169 13.3 10.6 16.0

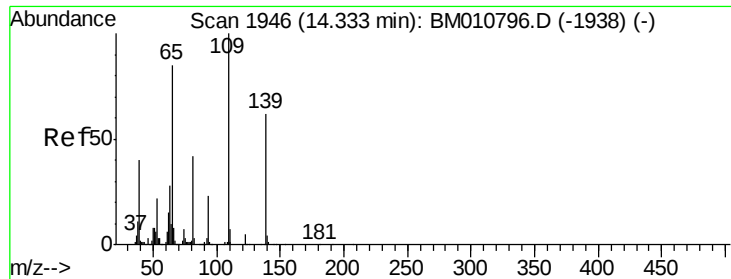


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

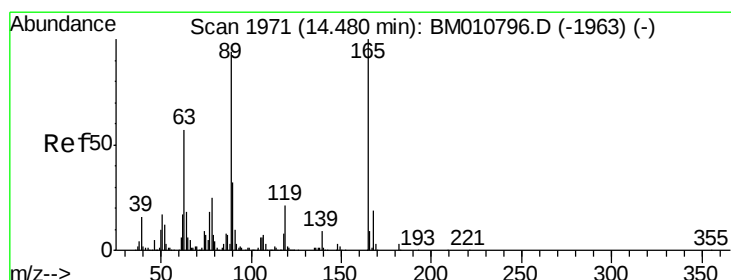
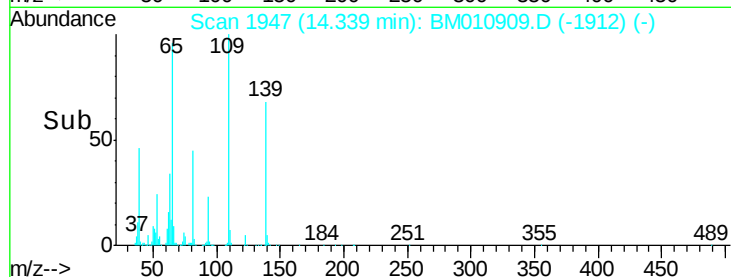
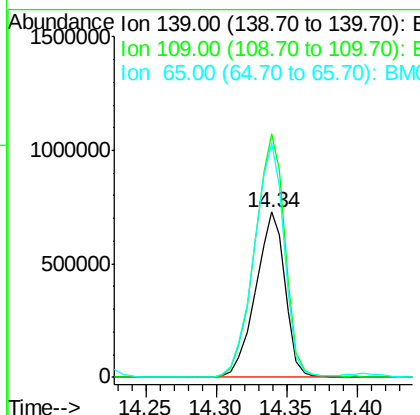
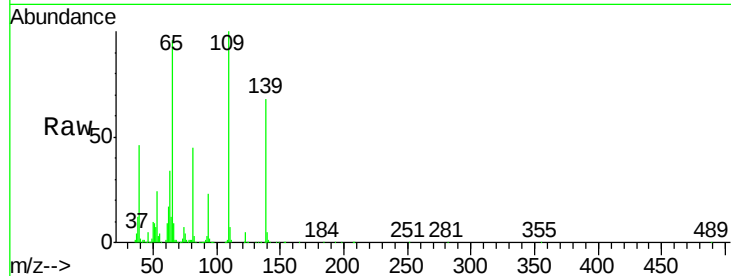




#55
4-Nitrophenol
Concen: 103.34 ng
RT: 14.34 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

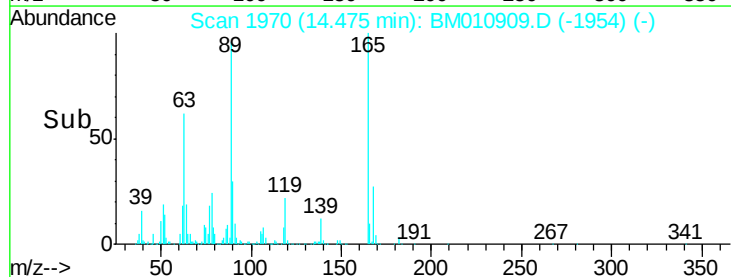
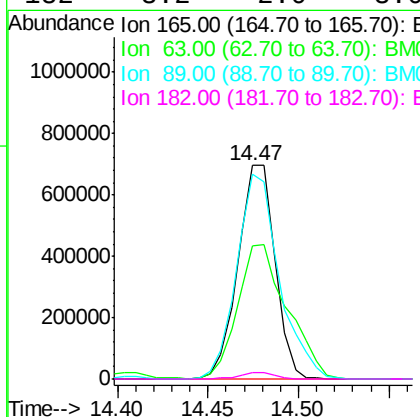
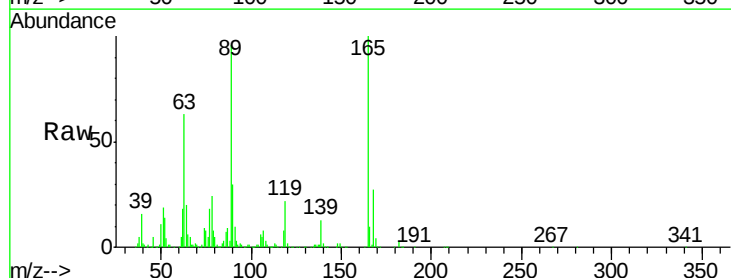
Instrument :
BNA_M
ClientSampled :

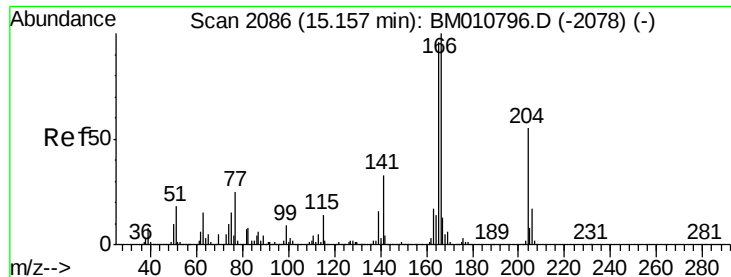
Tot Ion:139 Resp: 1071873
Ion Ratio Lower Upper
139 100
109 147.2 37.7 77.7#
65 142.0 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 54.30 ng
RT: 14.47 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion:165 Resp: 989753
Ion Ratio Lower Upper
165 100
63 62.6 52.4 78.6
89 96.0 72.4 108.6
182 3.2 2.0 3.0#





#57

Fluorene

Concen: 49.01 ng

RT: 15.15 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampled :

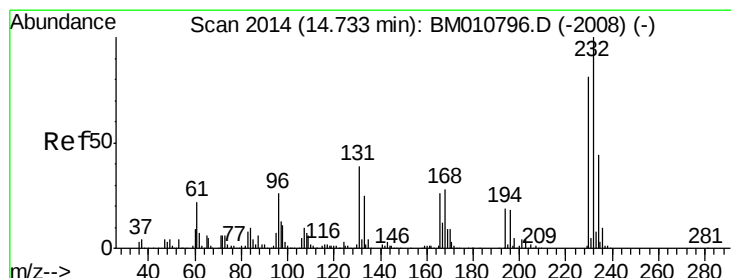
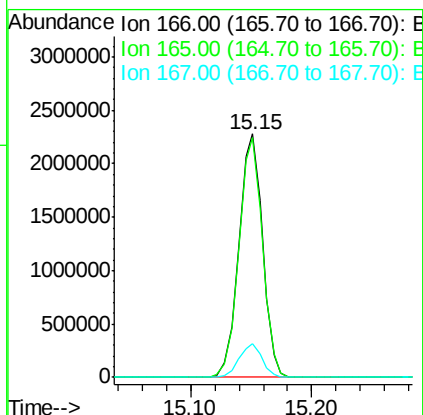
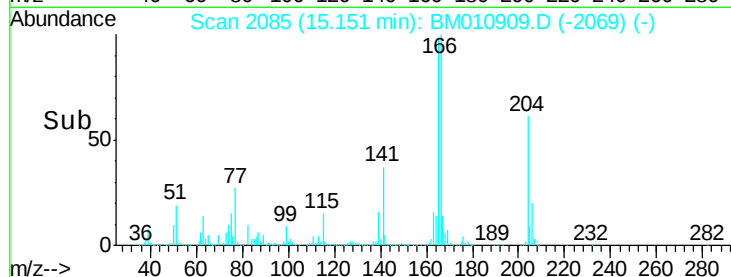
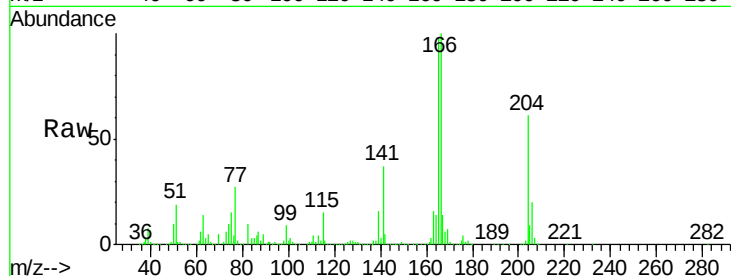
Tot Ion:166 Resp: 3114739

Ion Ratio Lower Upper

166 100

165 98.3 79.0 118.4

167 13.7 10.3 15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.69 ng

RT: 14.73 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Tgt Ion:232 Resp: 1060012

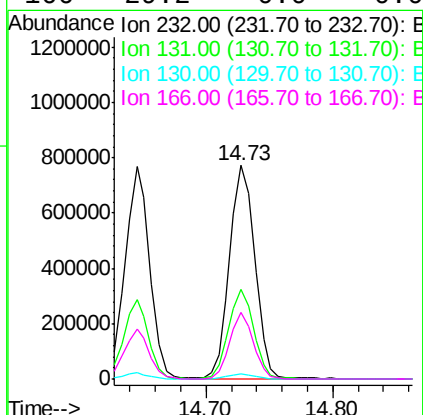
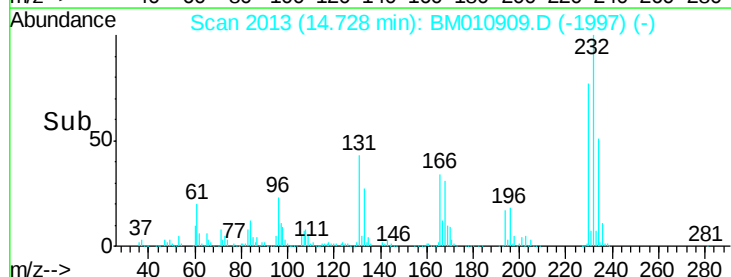
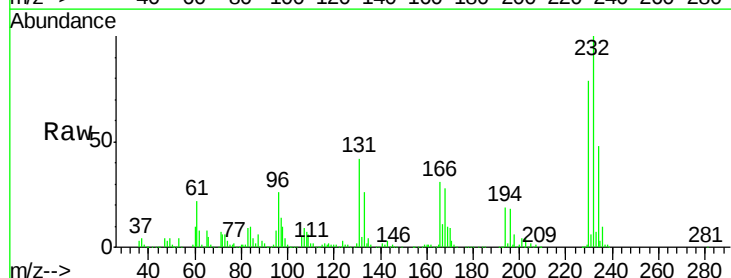
Ion Ratio Lower Upper

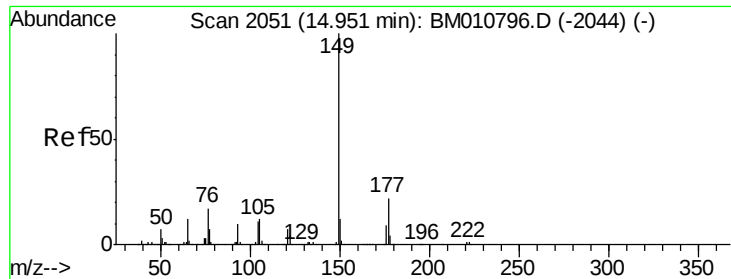
232 100

131 41.9 0.0 0.0#

130 2.5 0.0 0.0#

166 29.2 0.0 0.0#

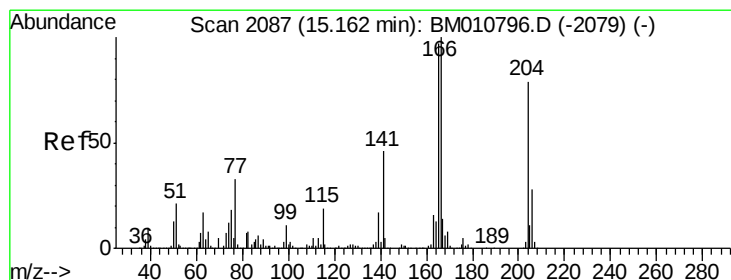
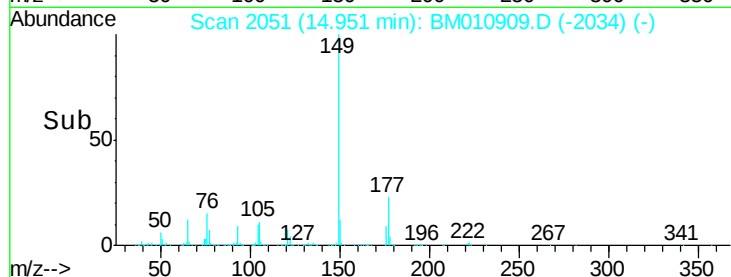
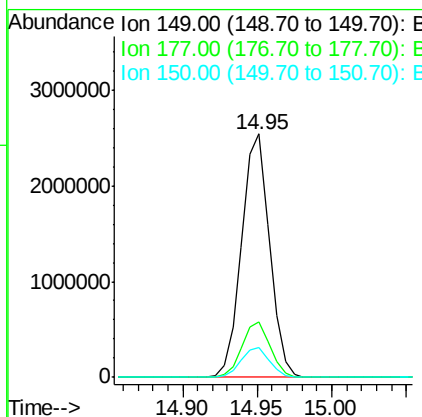
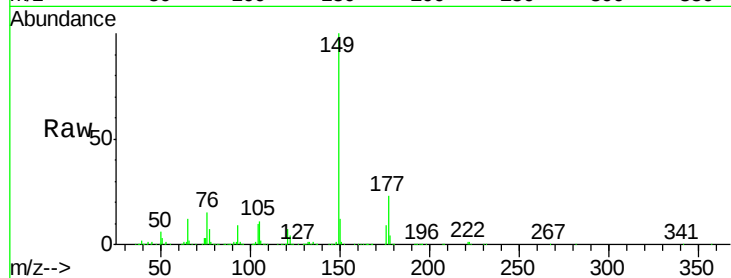




#59
Diethylphthalate
Concen: 49.96 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

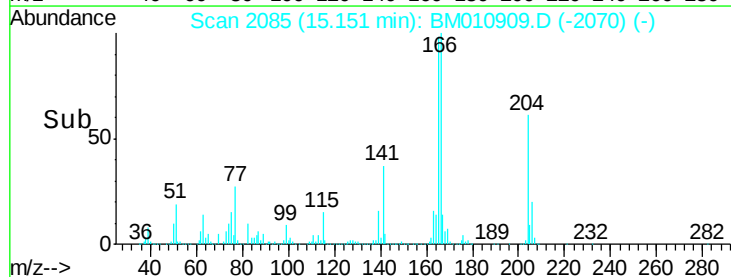
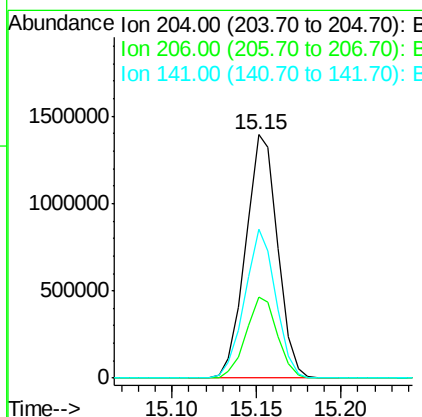
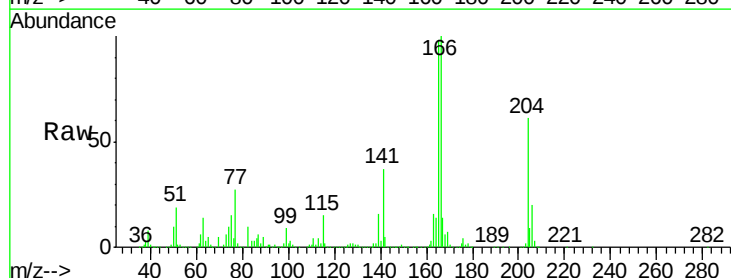
Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 3304420
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 47.07 ng
RT: 15.15 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion:204 Resp: 1837580
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 60.9 45.2 67.8

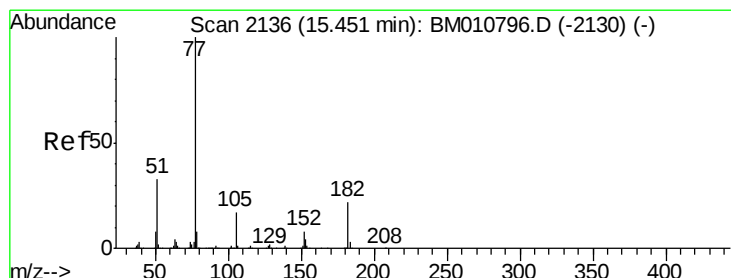
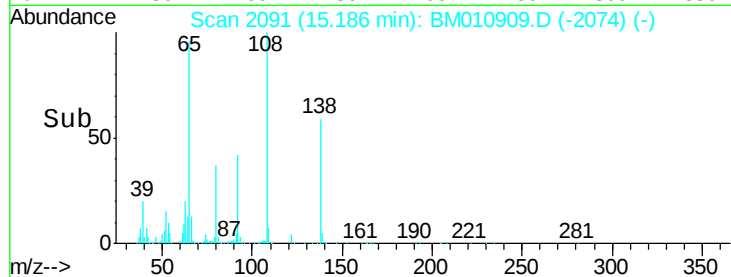
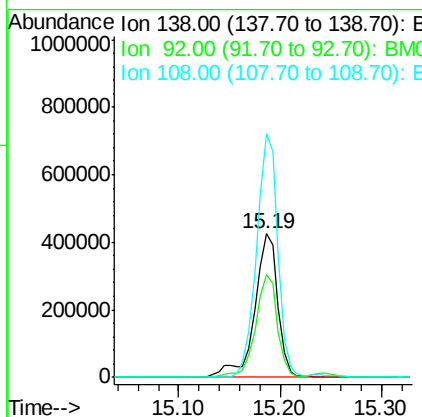
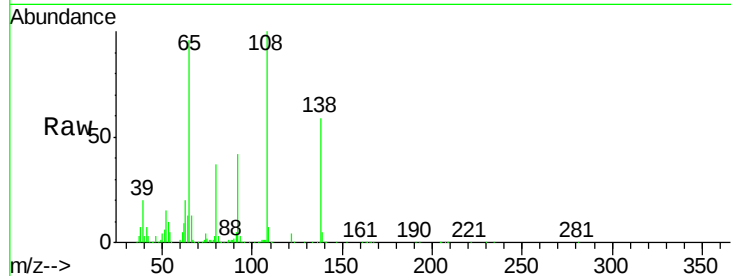




#61
4-Nitroaniline
Concen: 53.97 ng
RT: 15.19 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

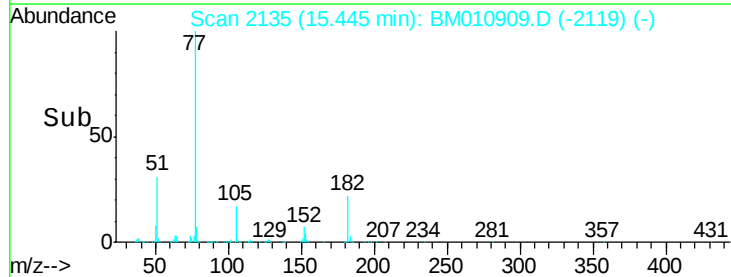
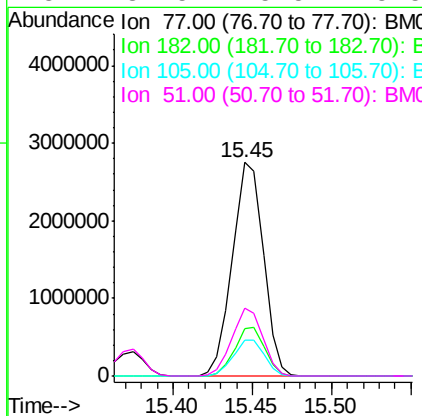
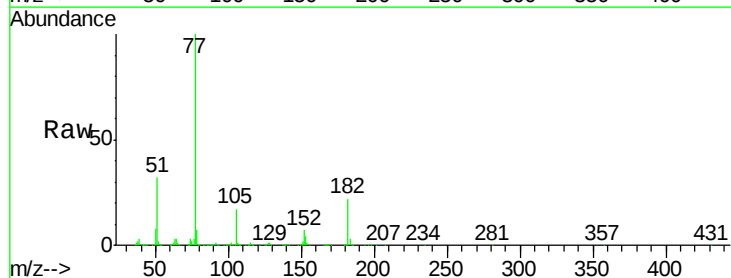
Instrument :
BNA_M
ClientSampled :

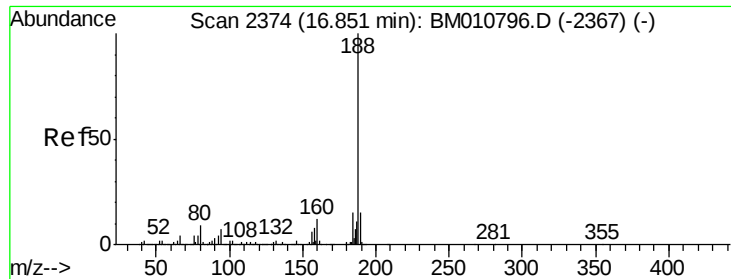
Tot Ion:138 Resp: 673741
Ion Ratio Lower Upper
138 100
92 71.5 16.7 56.7#
108 170.0 37.6 77.6#



#62
Azobenzene
Concen: 55.86 ng
RT: 15.45 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion: 77 Resp: 3751830
Ion Ratio Lower Upper
77 100
182 22.1 6.5 46.5
105 17.1 3.8 43.8
51 31.5 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.85 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

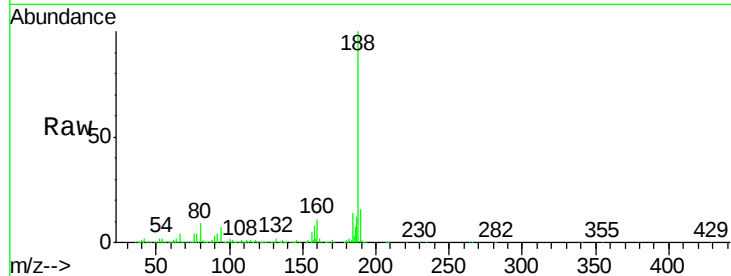
Tot Ion:188 Resp: 2073988

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	8.8	9.3	13.9#

188 100

94 7.4 8.7 13.1#

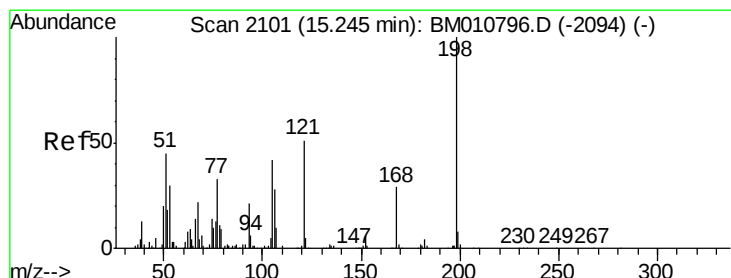
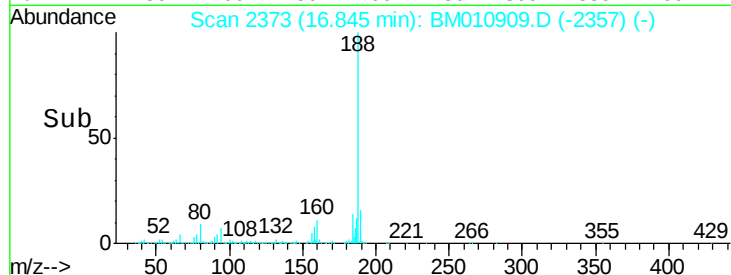
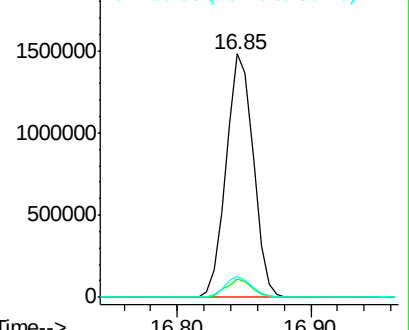
80 8.8 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.84 ng

RT: 15.25 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

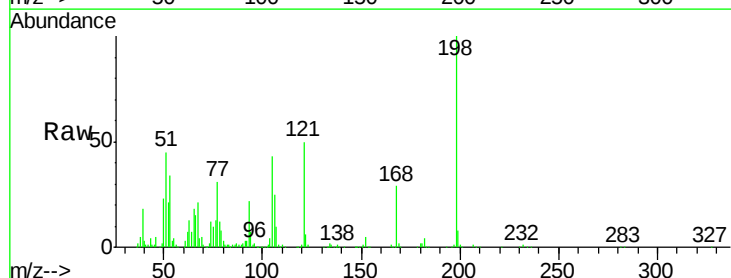
Tgt Ion:198 Resp: 654279

Ion	Ratio	Lower	Upper
198	100		
51	45.4	28.8	68.8
105	42.6	30.5	70.5

198 100

51 45.4 28.8 68.8

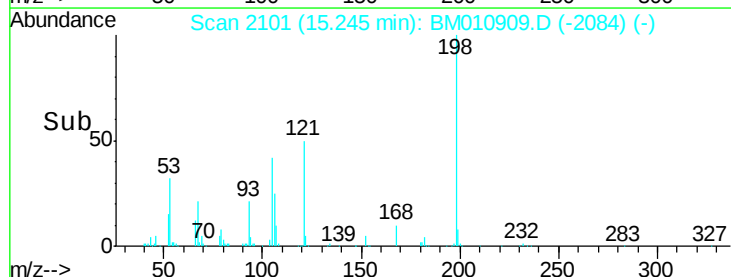
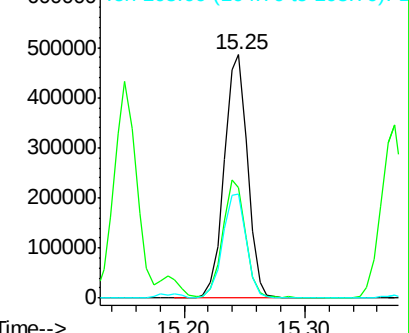
105 42.6 30.5 70.5

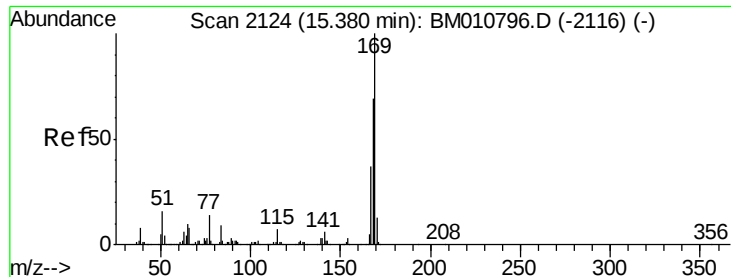


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

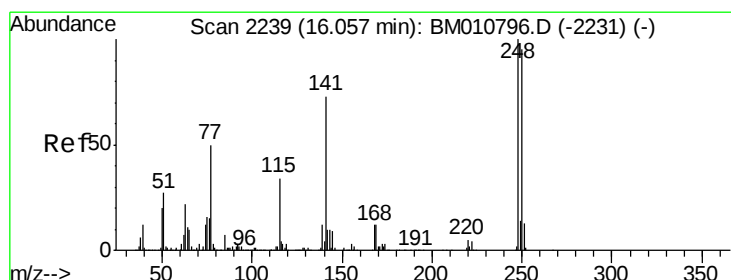
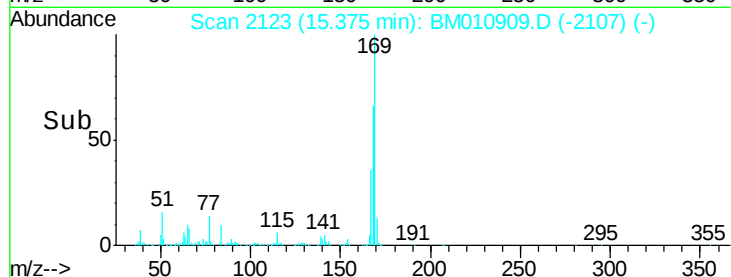
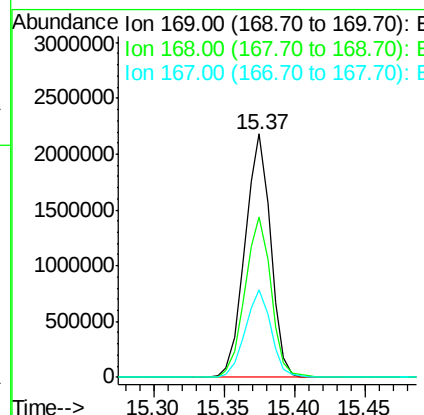
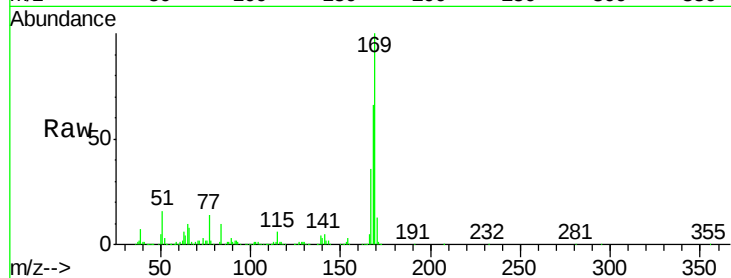




#65
n-Nitrosodiphenylamine
Concen: 46.60 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

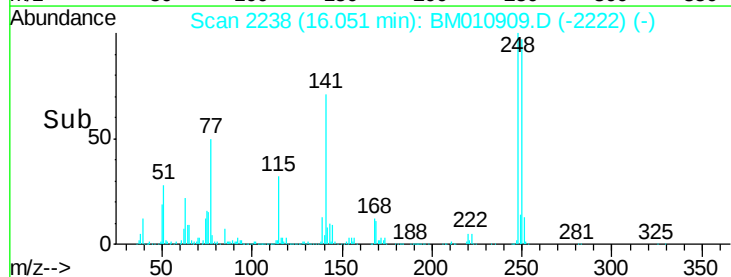
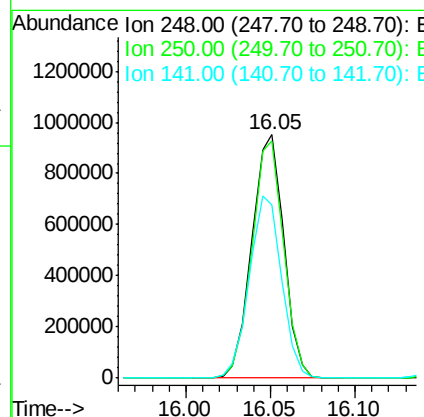
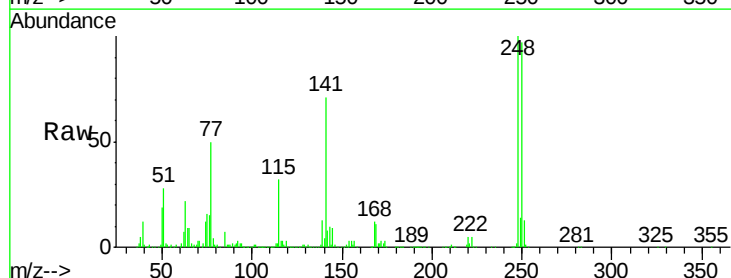
Instrument :
BNA_M
ClientSampled :

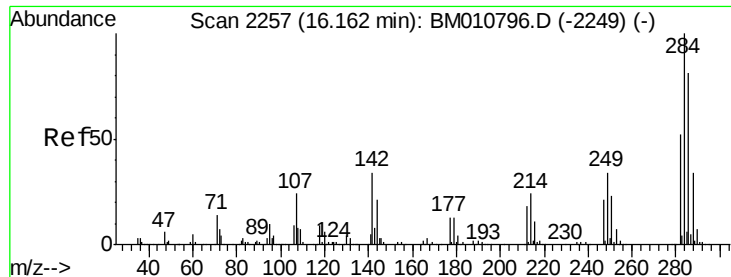
Tot Ion:169 Resp: 2765327
Ion Ratio Lower Upper
169 100
168 66.1 53.9 80.9
167 35.7 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 47.79 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion:248 Resp: 1256224
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.0
141 71.4 45.2 67.8#

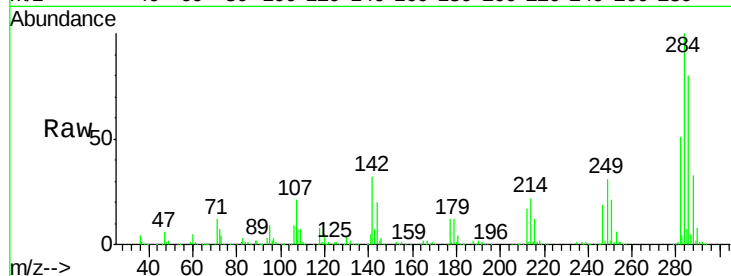




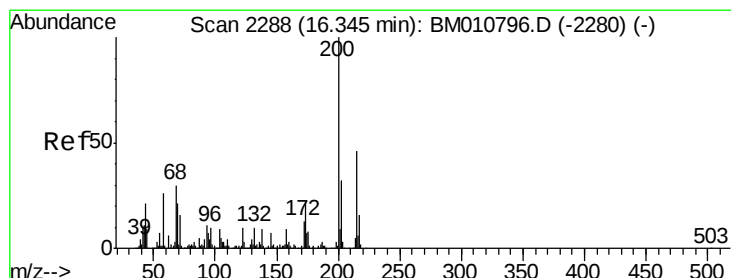
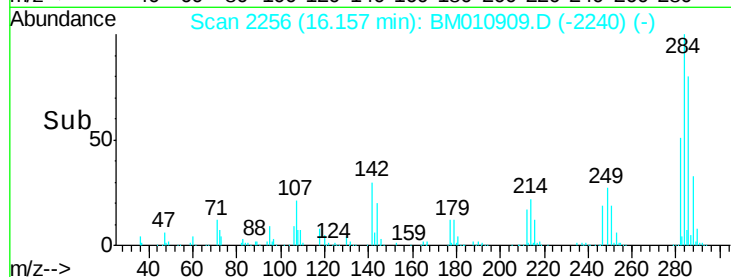
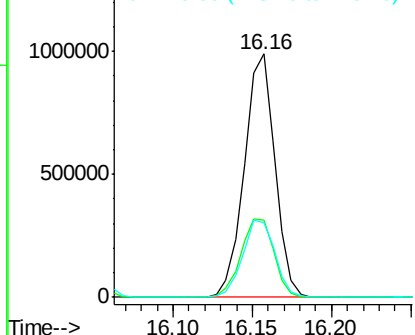
#67
Hexachlorobenzene
Concen: 44.00 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 1322470
Ion Ratio Lower Upper
284 100
142 31.5 20.4 30.6#
249 30.5 23.8 35.6

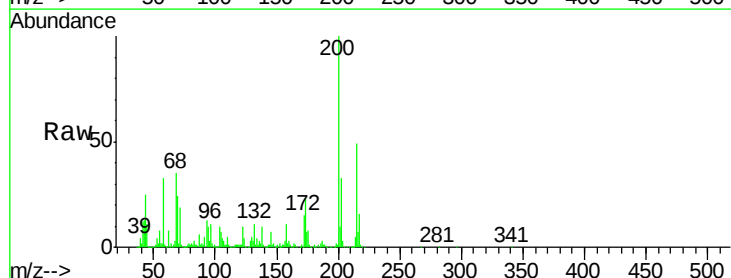


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

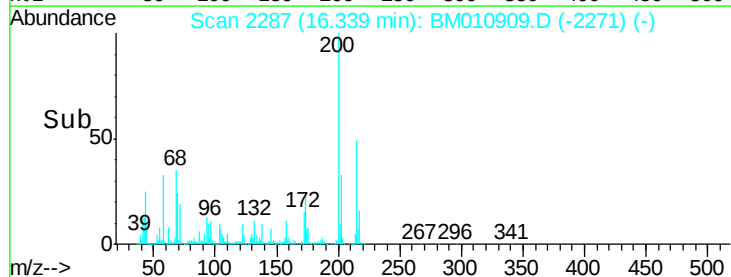
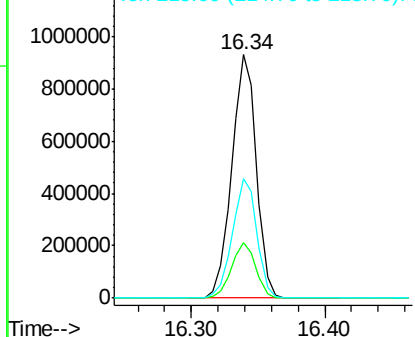


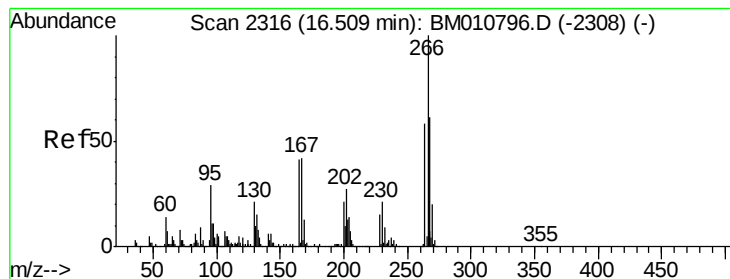
#68
Atrazine
Concen: 48.55 ng
RT: 16.34 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion:200 Resp: 1193290
Ion Ratio Lower Upper
200 100
173 22.7 4.8 44.8
215 49.0 26.9 66.9



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





#69

Pentachlorophenol

Concen: 92.20 ng

RT: 16.50 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

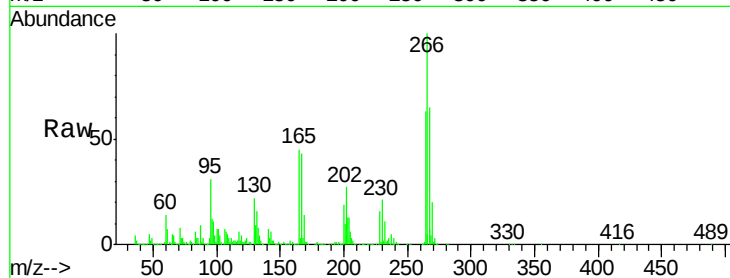
Instrument :

BNA_M

ClientSampleId :

Tot Ion:266 Resp: 1776454

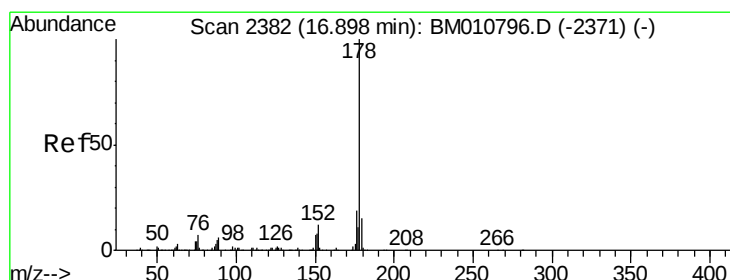
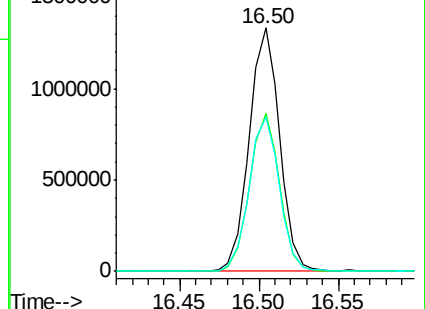
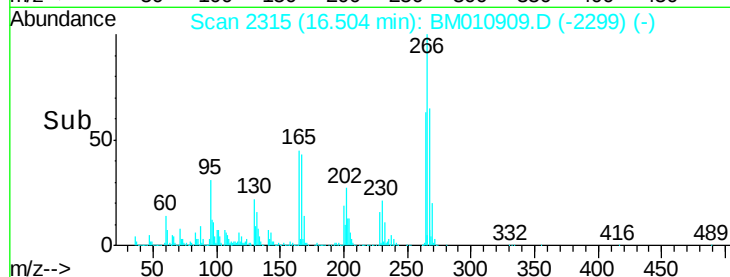
Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.0	78.0
264	63.4	49.0	73.4



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



#70

Phenanthrene

Concen: 49.60 ng

RT: 16.89 min Scan# 2381

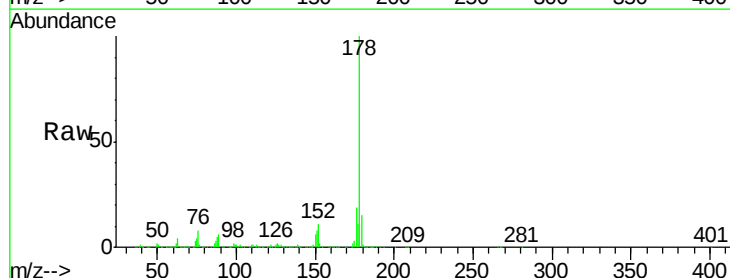
Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Tgt Ion:178 Resp: 5351577

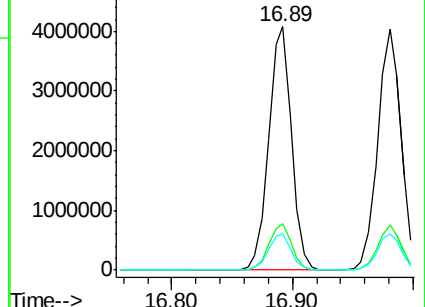
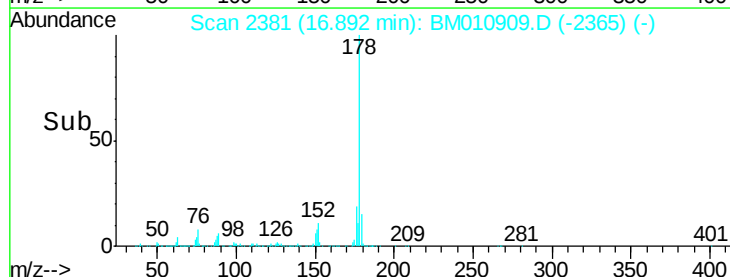
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.0	12.1	18.1

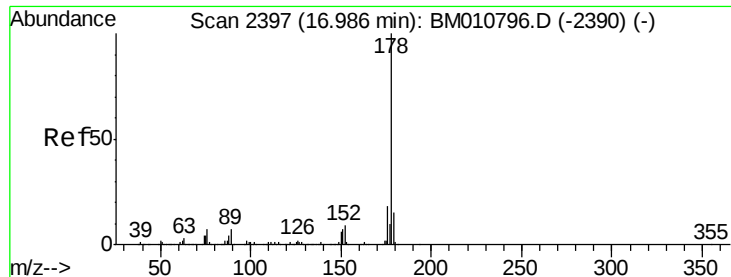


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

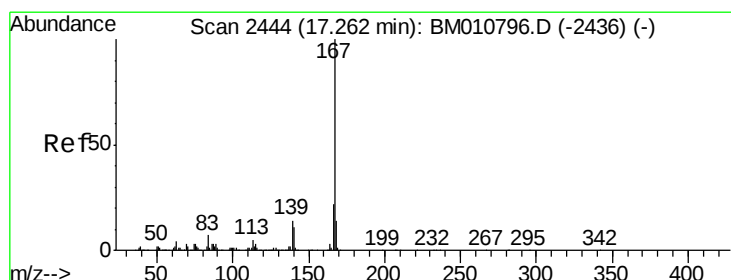
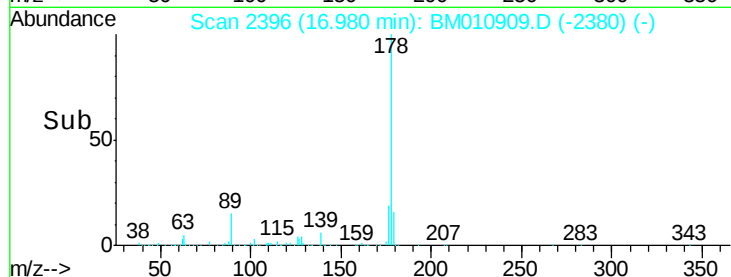
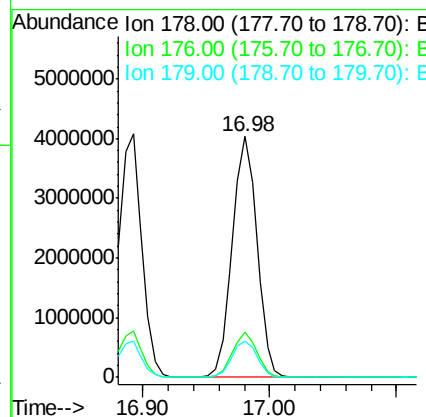
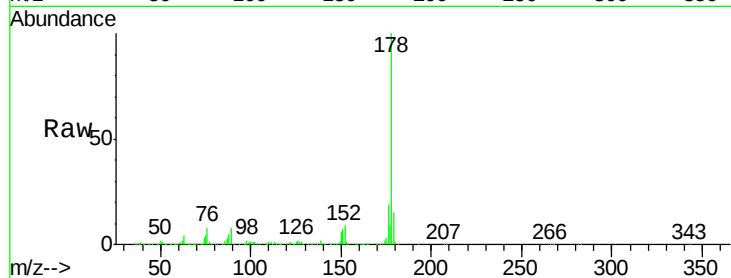




#71
 Anthracene
 Concen: 50.65 ng
 RT: 16.98 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BM010909.D
 Acq: 20 Jul 2017 15:24

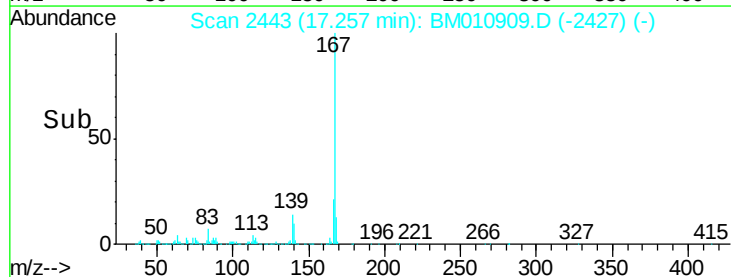
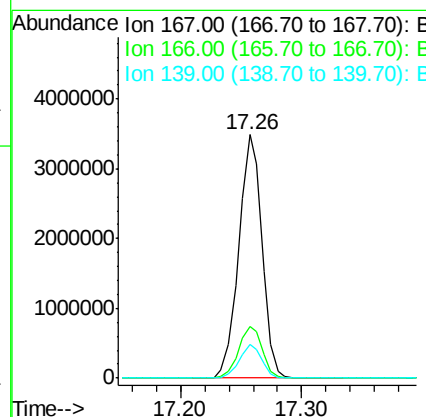
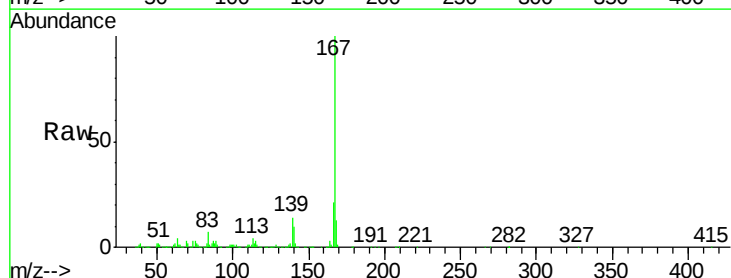
Instrument :
 BNA_M
 ClientSampled :

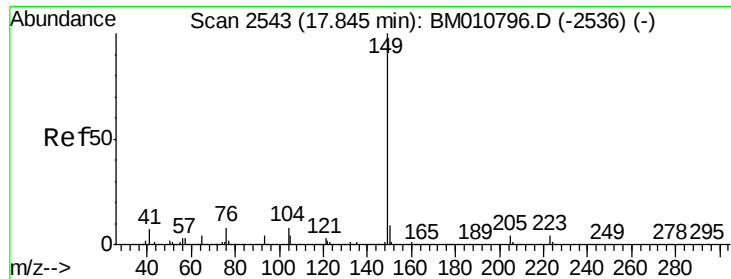
Tot Ion:178 Resp: 5425130
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 22.0
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 49.46 ng
 RT: 17.26 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BM010909.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:167 Resp: 4665319
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 13.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 50.55 ng

RT: 17.84 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

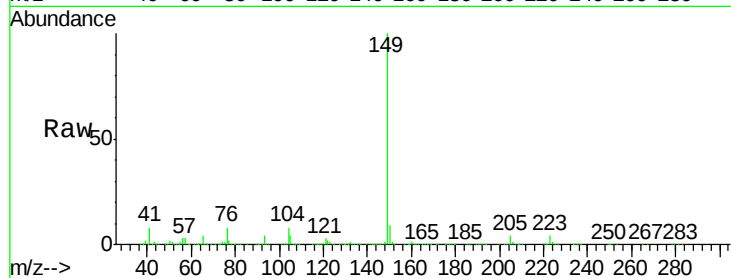
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 5640986

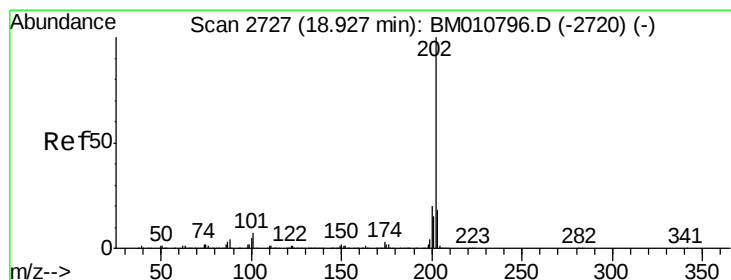
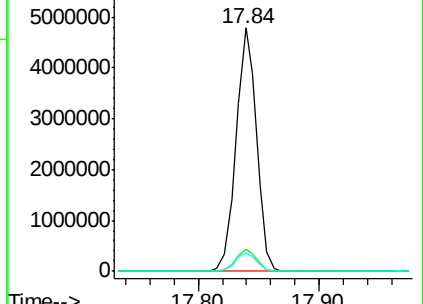
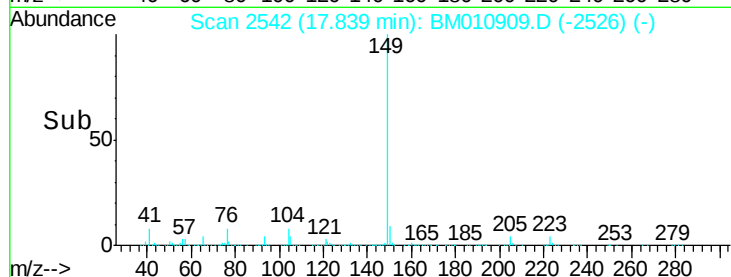
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	7.7	3.7	5.5



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



#74

Fluoranthene

Concen: 51.85 ng

RT: 18.92 min Scan# 2726

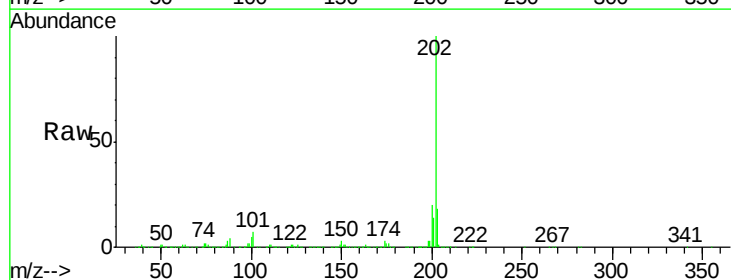
Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Tgt Ion:202 Resp: 6928691

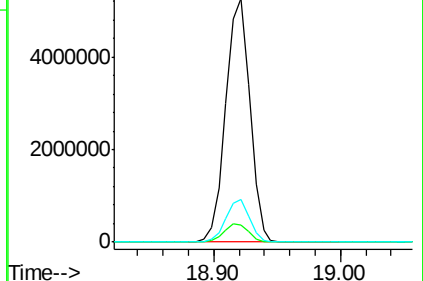
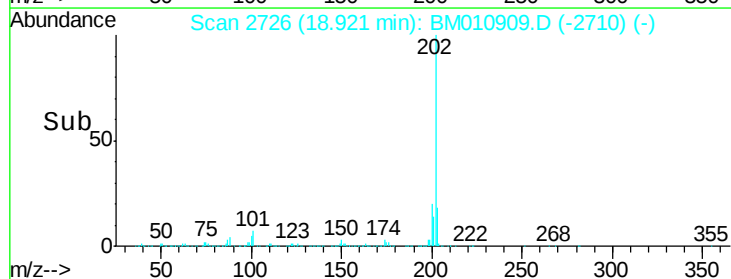
Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.7
203	17.7	0.0	37.2

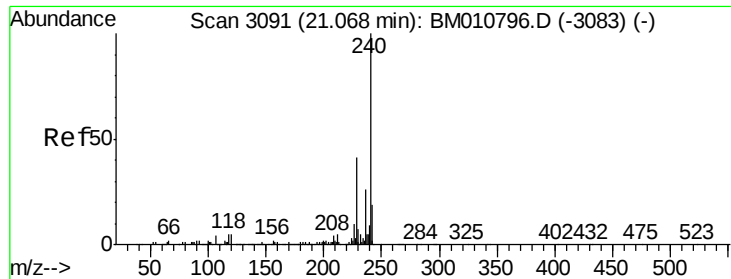


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

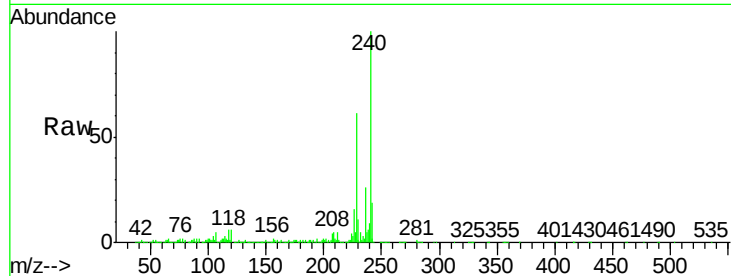
Tot Ion:240 Resp: 2398075

Ion Ratio Lower Upper

240 100

120 6.1 8.2 12.2#

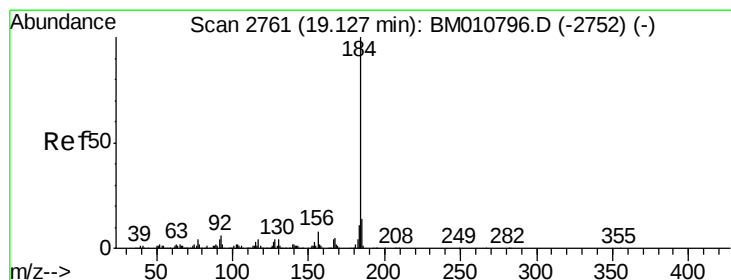
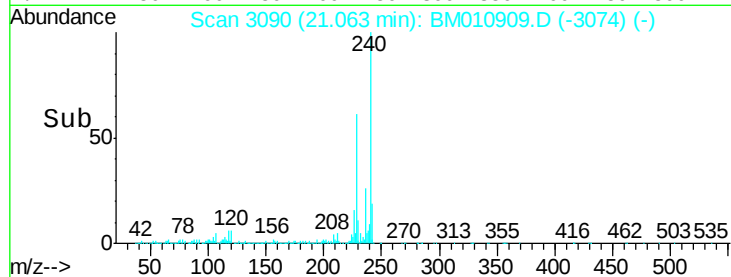
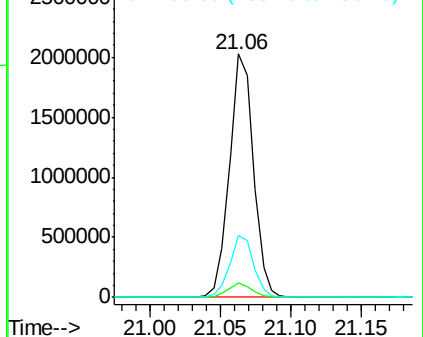
236 25.6 20.0 30.0



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



#76

Benzidine

Concen: 68.25 ng

RT: 19.12 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

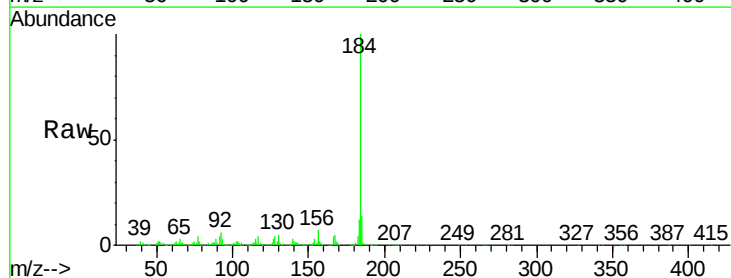
Tgt Ion:184 Resp: 4380121

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

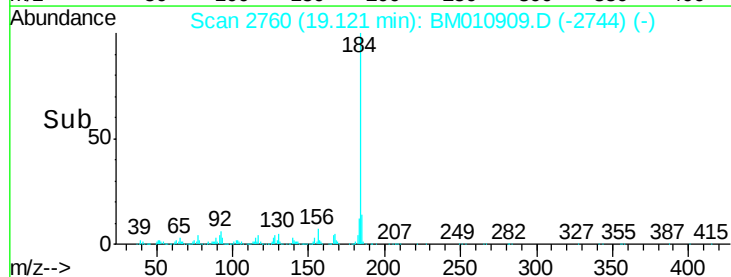
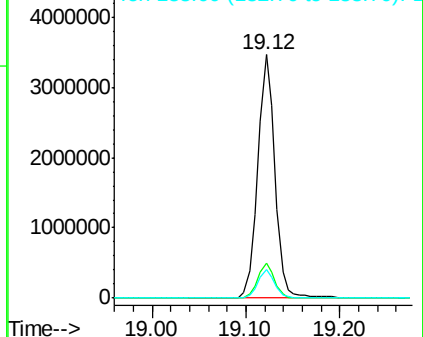
183 11.6 8.9 13.3

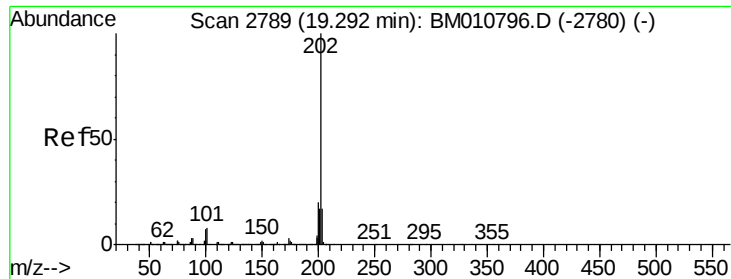


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 50.82 ng

RT: 19.29 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

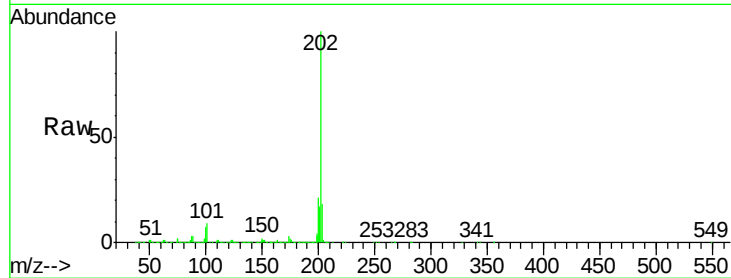
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 7065288

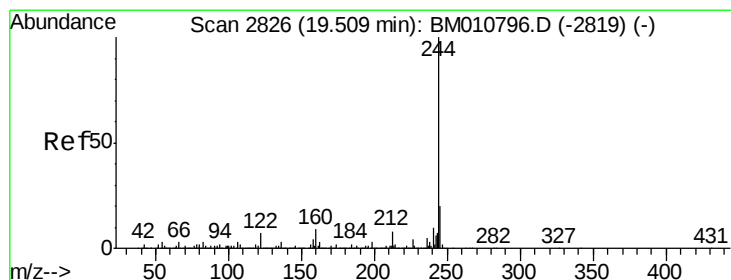
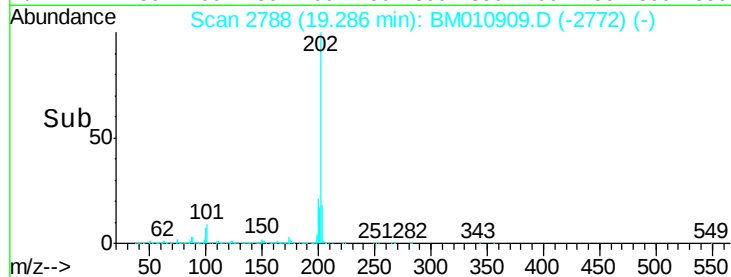
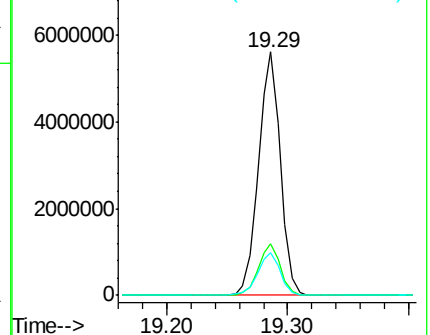
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.6	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.47 ng

RT: 19.51 min Scan# 2826

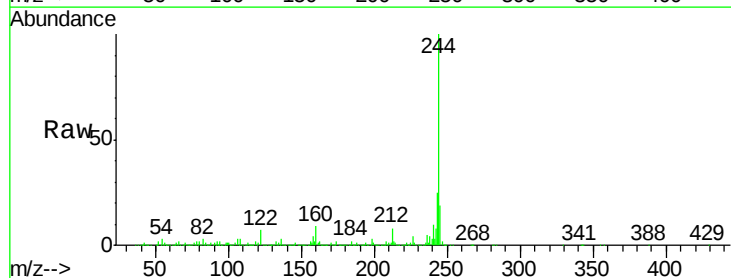
Delta R.T. 0.00 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Tgt Ion:244 Resp:10721006

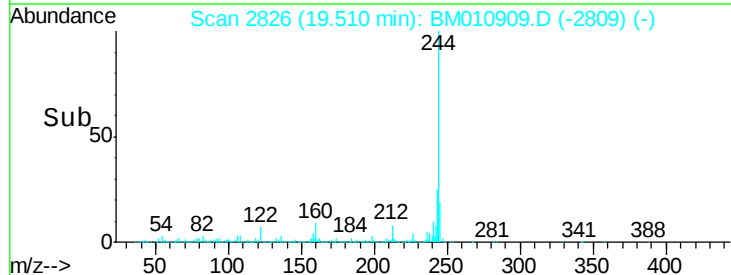
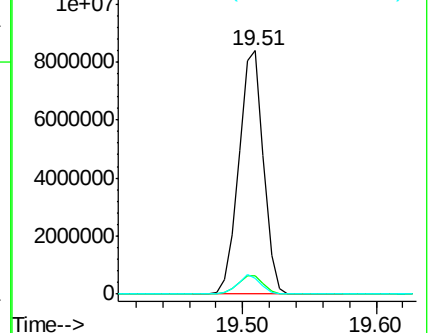
Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	6.7	6.2	9.4

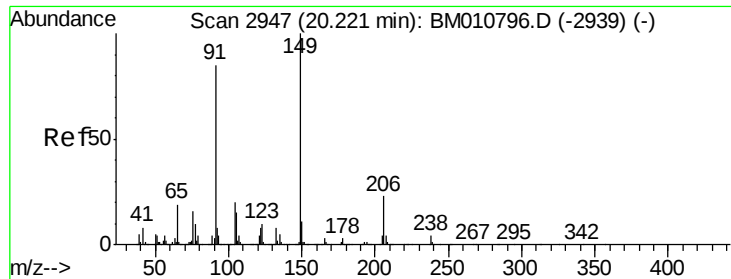


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.78 ng

RT: 20.22 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

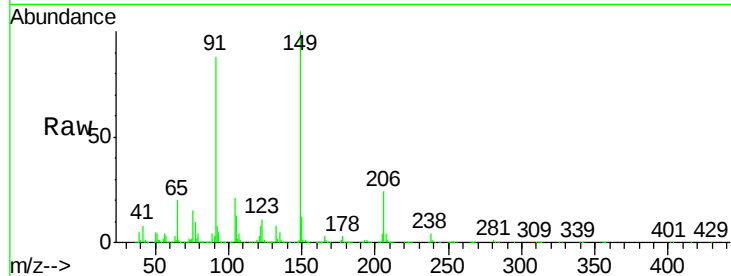
Tot Ion:149 Resp: 2568822

Ion Ratio Lower Upper

149 100

91 88.5 50.1 75.1#

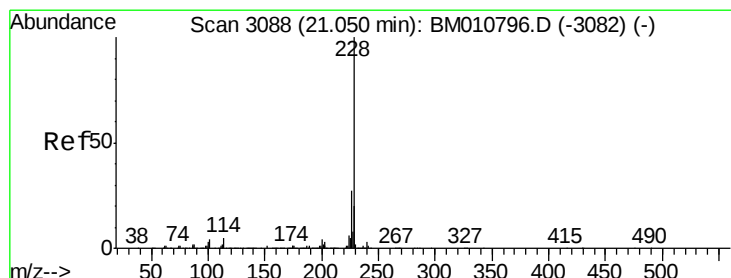
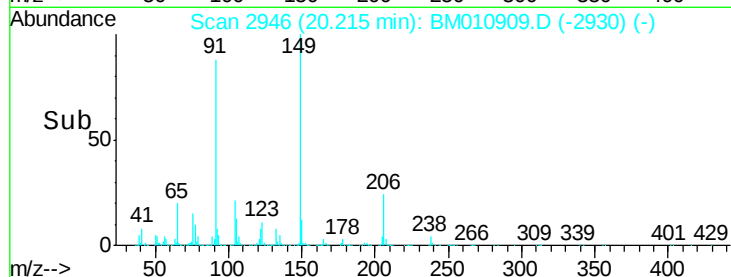
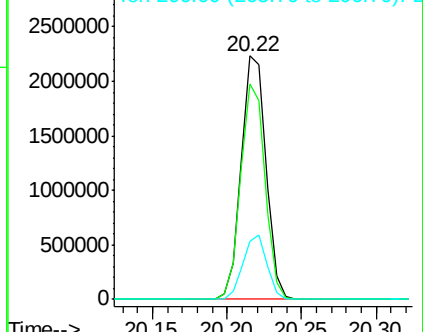
206 23.7 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.94 ng

RT: 21.05 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

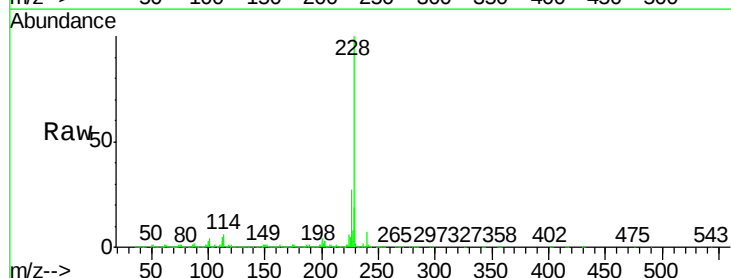
Tgt Ion:228 Resp: 6939220

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

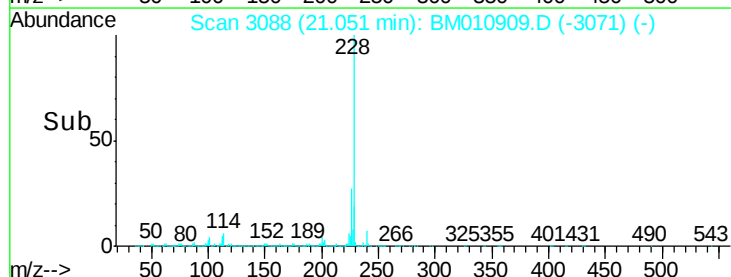
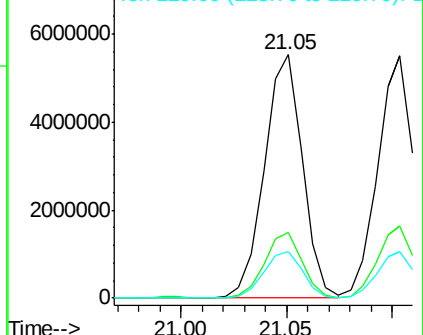
229 19.0 16.0 24.0

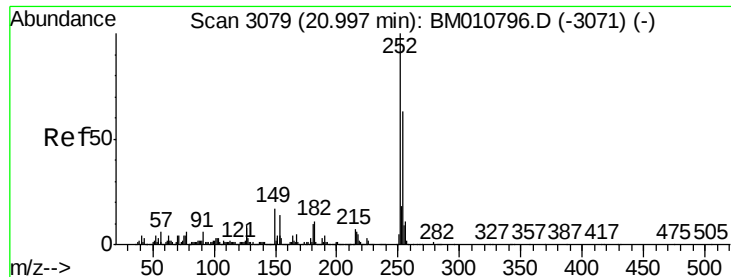


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

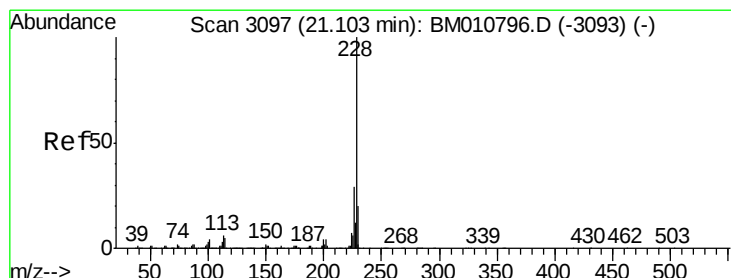
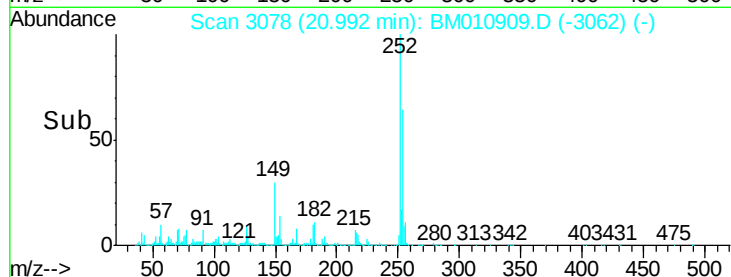
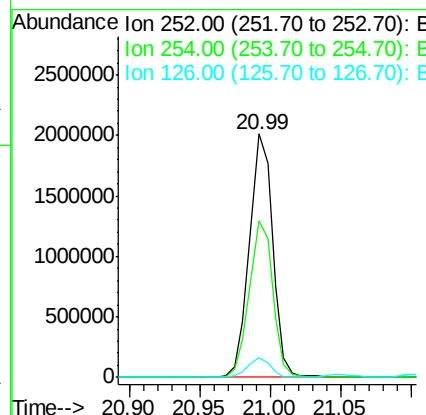
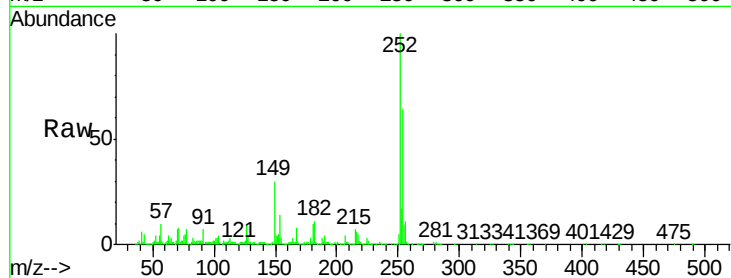




#81
 3,3'-Dichlorobenzidine
 Concen: 42.88 ng
 RT: 20.99 min Scan# 3078
 Delta R.T. -0.01 min
 Lab File: BM010909.D
 Acq: 20 Jul 2017 15:24

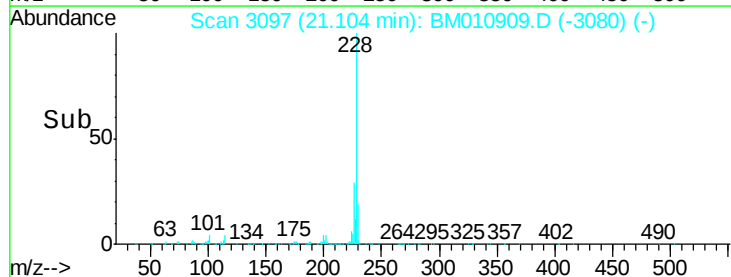
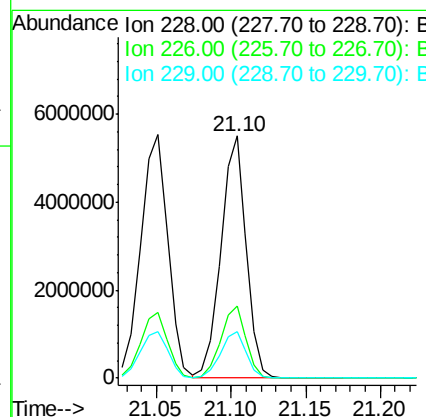
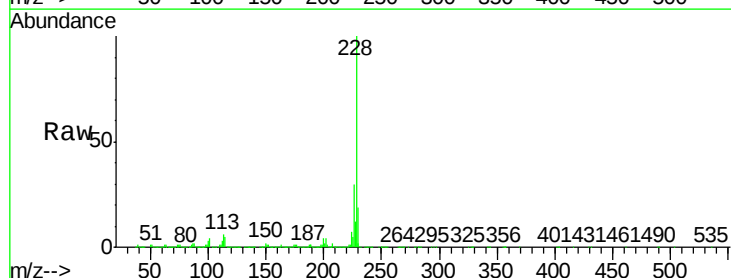
Instrument :
 BNA_M
 ClientSampleId :

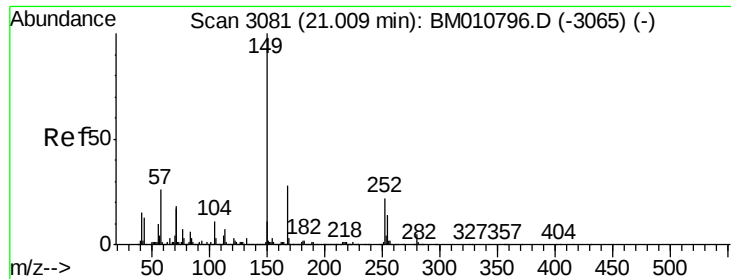
Tot Ion:252 Resp: 2342656
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.9 77.9
 126 8.2 9.8 14.8#



#82
 Chrysene
 Concen: 49.28 ng
 RT: 21.10 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BM010909.D
 Acq: 20 Jul 2017 15:24

Tgt Ion:228 Resp: 6520967
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.1 36.1
 229 19.0 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.48 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

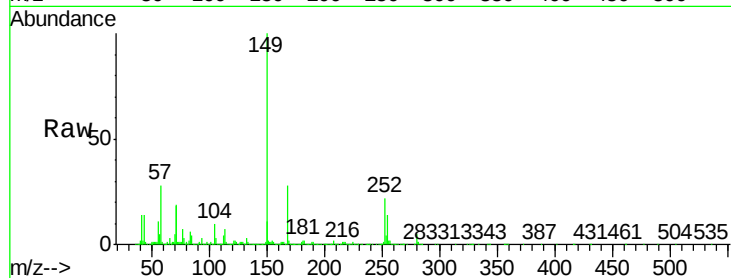
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 3719599

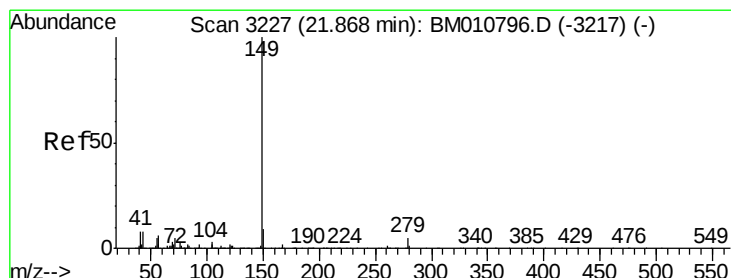
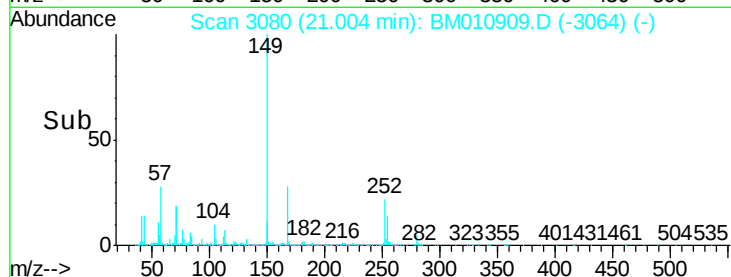
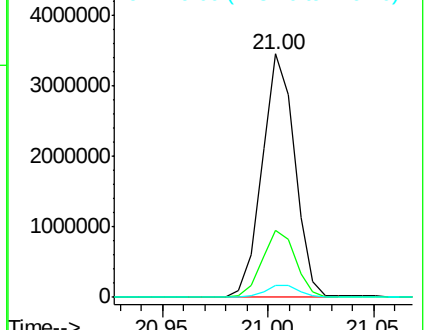
Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.4	33.6
279	4.8	3.4	5.0



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



#84

Di-n-octyl phthalate

Concen: 52.40 ng

RT: 21.86 min Scan# 3226

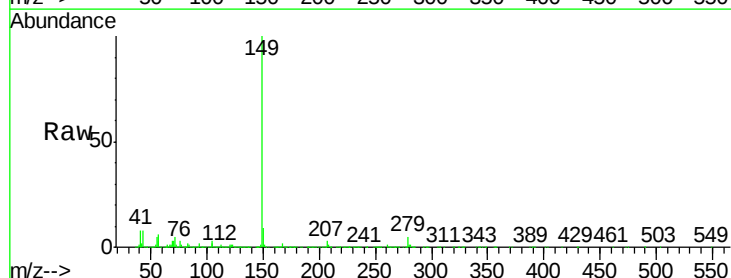
Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Tgt Ion:149 Resp: 6085507

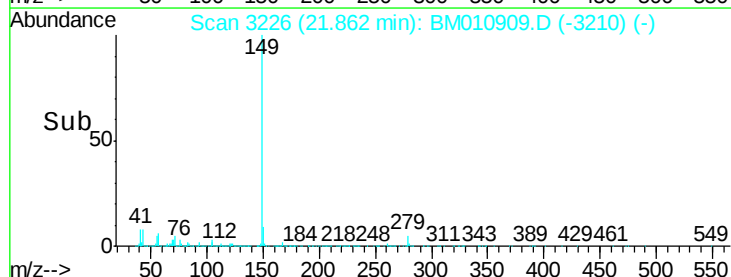
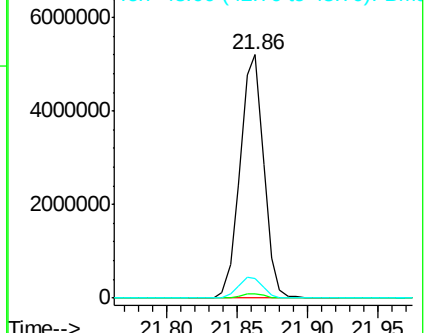
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.8	7.3	10.9

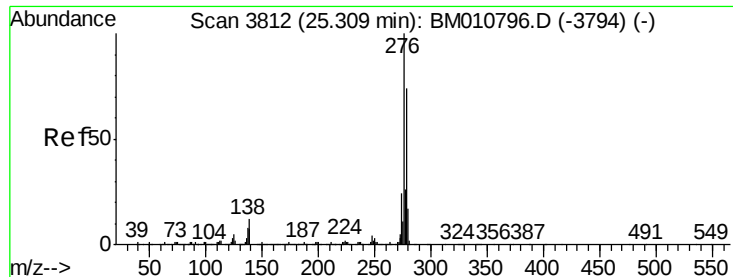


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.72 ng

RT: 25.30 min Scan# 3811

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

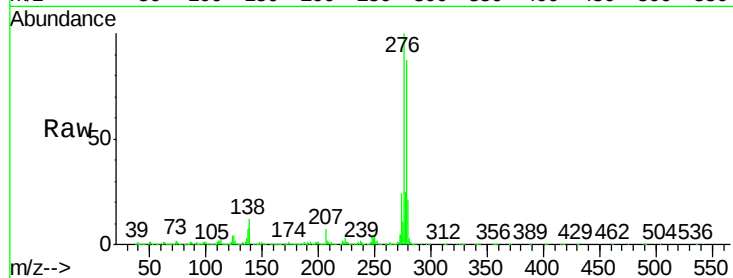
Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 6179747

Ion	Ratio	Lower	Upper
276	100		
138	12.3	0.0	0.0#
277	25.1	0.0	0.0#

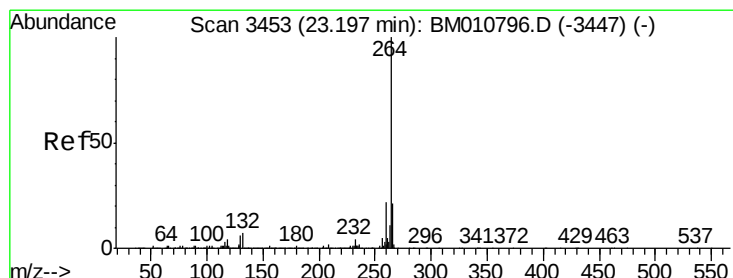
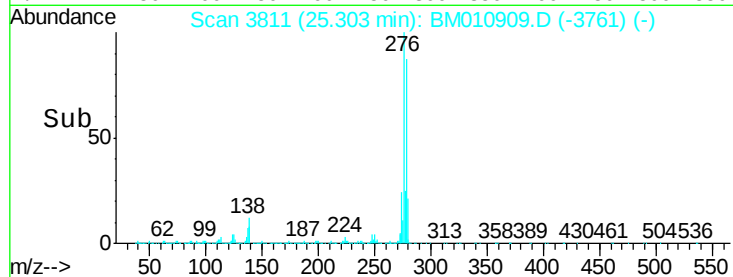
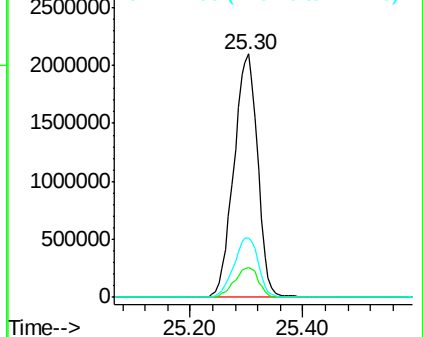


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.19 min Scan# 3452

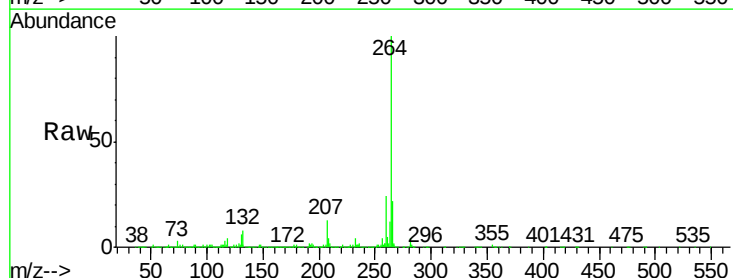
Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Tgt Ion:264 Resp: 2036746

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.9	17.3	25.9

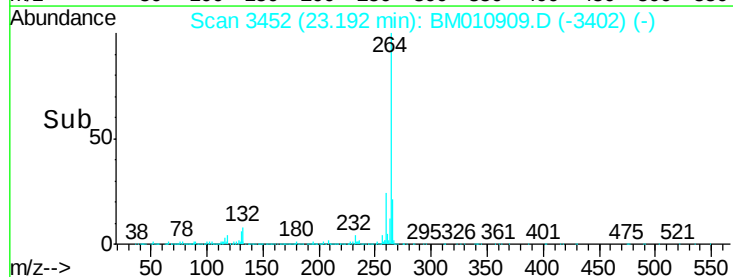
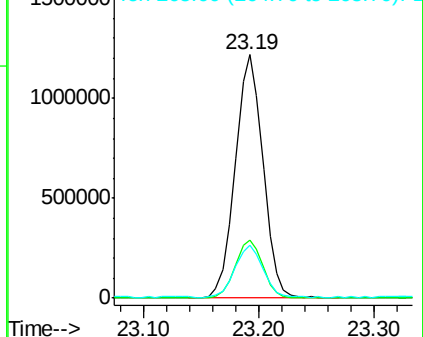


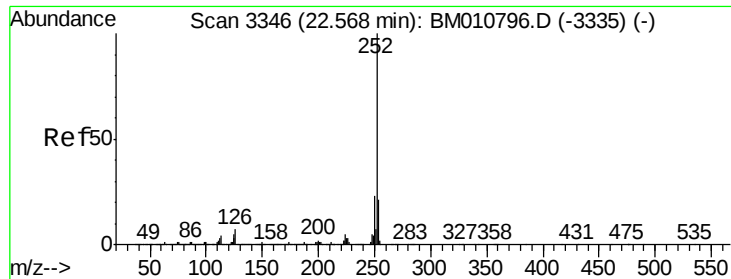
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

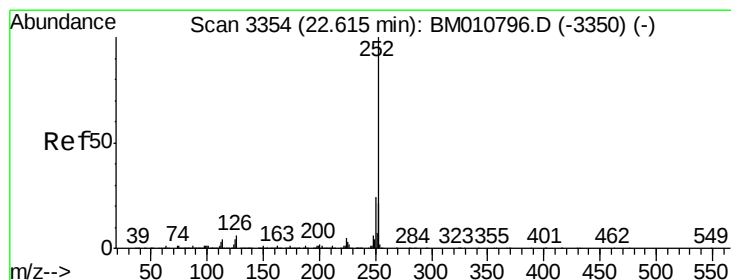
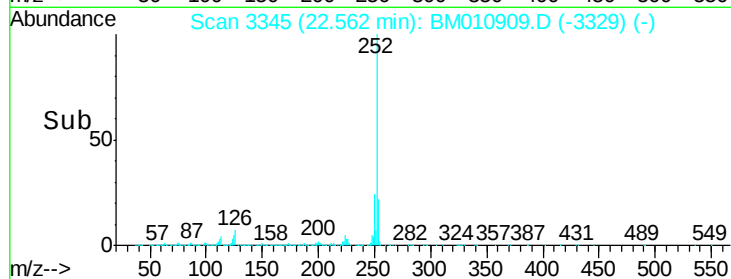
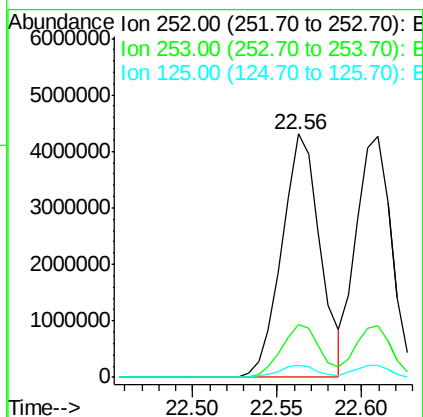
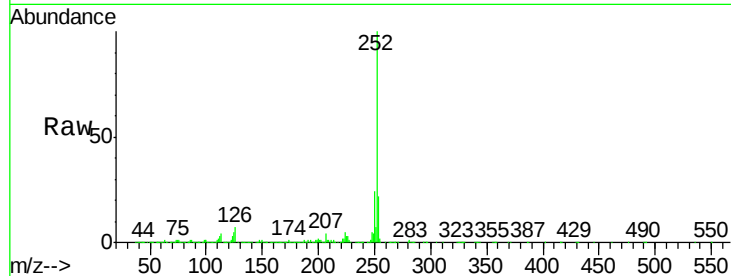




#87
Benzo(b)fluoranthene
Concen: 52.40 ng
RT: 22.56 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

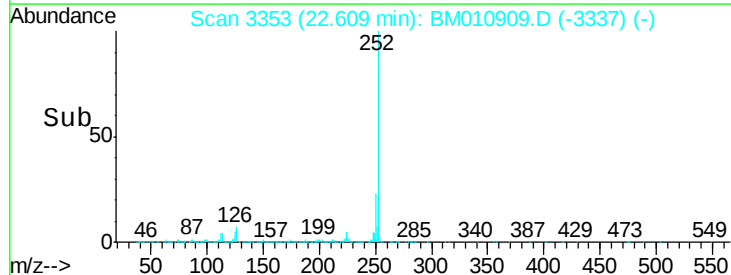
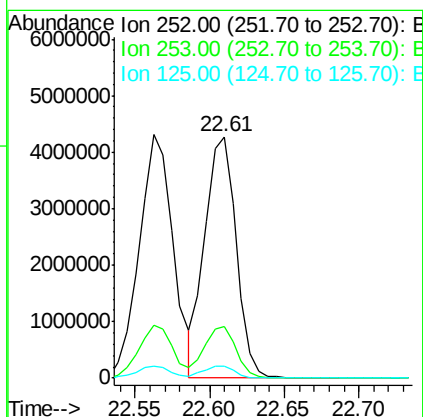
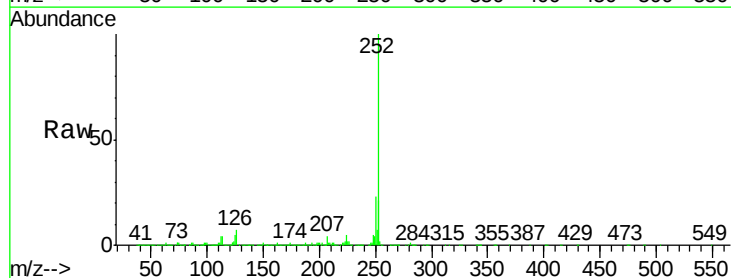
Instrument :
BNA_M
ClientSampleId :

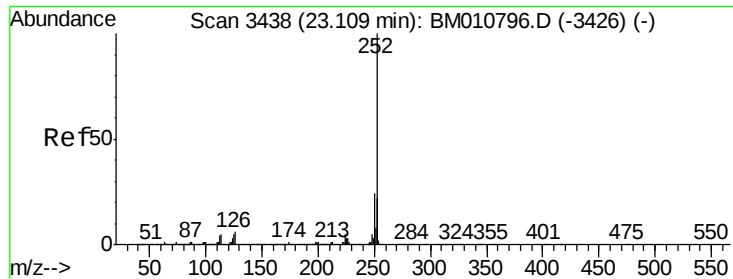
Tot Ion:252 Resp: 6779660
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 4.7 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 50.42 ng
RT: 22.61 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BM010909.D
Acq: 20 Jul 2017 15:24

Tgt Ion:252 Resp: 6230802
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 4.9 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 52.37 ng

RT: 23.10 min Scan# 3437

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

Instrument :

BNA_M

ClientSampleId :

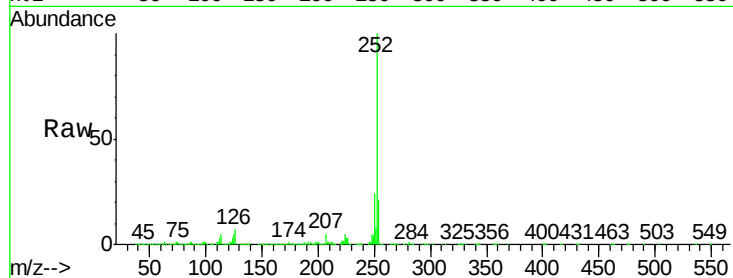
Tot Ion:252 Resp: 6167171

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

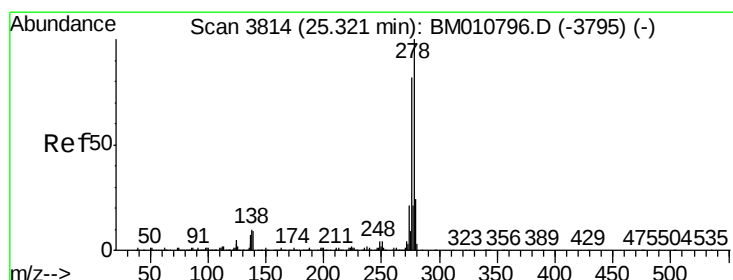
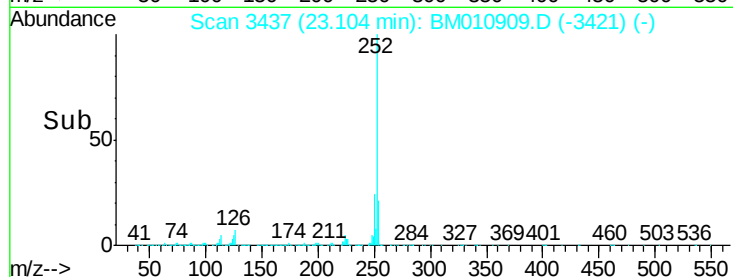
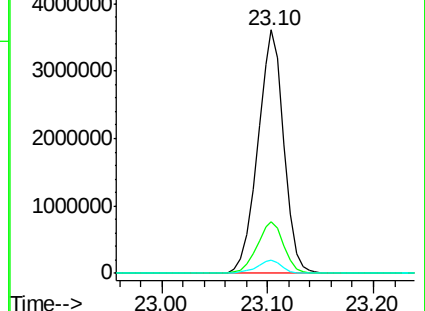
125 5.4 7.4 11.2#



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

Dibenzo(a,h)anthracene

Concen: 44.89 ng

RT: 25.32 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BM010909.D

Acq: 20 Jul 2017 15:24

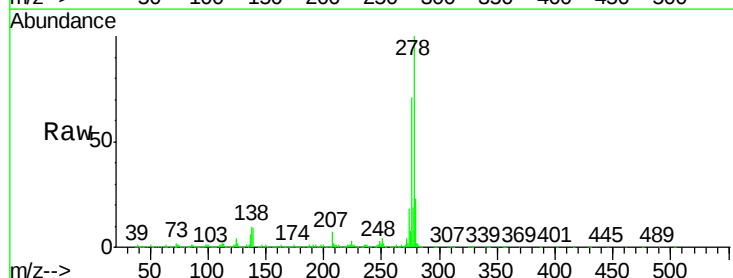
Tgt Ion:278 Resp: 5130352

Ion Ratio Lower Upper

278 100

139 8.8 13.4 20.0#

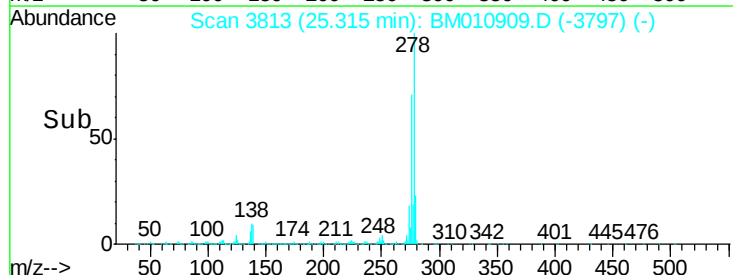
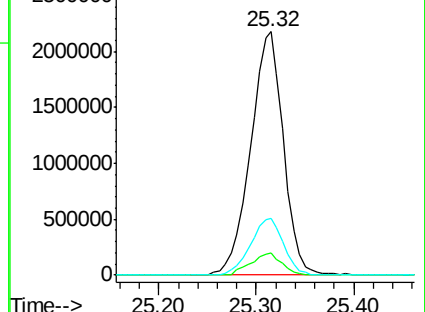
279 23.2 19.0 28.4

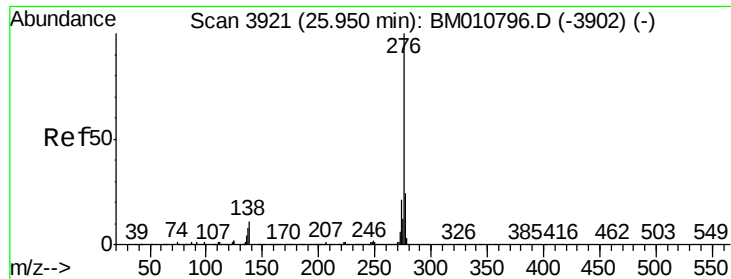


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 43.62 ng
 RT: 25.94 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BM010909.D
 Acq: 20 Jul 2017 15:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 4900697

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.5	27.7
138	10.7	19.0	28.6

