

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071917\
 Data File : BM010891.D
 Acq On : 19 Jul 2017 13:48
 Operator : SJ/JU
 Sample : PB100757BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100757BS

Quant Time: Jul 20 01:07:16 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	232202	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	900258	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	573449	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1298366	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1246985	20.00	ng	0.00
86) Perylene-d12	23.19	264	1050005	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	1515811	108.14	ng	0.00
7) Phenol-d6	6.64	99	1963298	101.60	ng	0.00
23) Nitrobenzene-d5	8.59	82	1553203	66.32	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	896011	102.24	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3266554	70.86	ng	0.00
78) Terphenyl-d14	19.50	244	4151347	64.39	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	172778	27.934	ng	# 100
3) Pyridine	3.46	79	491610	29.077	ng	# 85
4) n-Nitrosodimethylamine	3.38	42	279065	32.296	ng	# 69
6) Aniline	6.79	93	674029	27.843	ng	92
8) 2-Chlorophenol	7.02	128	463774	33.416	ng	86
9) Benzaldehyde	6.60	77	265297	19.771	ng	# 80
10) Phenol	6.66	94	659366	32.271	ng	96
11) bis(2-Chloroethyl)ether	6.89	93	500184	31.786	ng	94
12) 1,3-Dichlorobenzene	7.33	146	541489	31.571	ng	# 83
13) 1,4-Dichlorobenzene	7.47	146	553996	31.300	ng	# 93
14) 1,2-Dichlorobenzene	7.79	146	520031	30.833	ng	# 90
15) Benzyl Alcohol	7.69	79	605115	33.069	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	7.97	45	451460	33.091	ng	76
17) 2-Methylphenol	7.89	107	442845	33.513	ng	# 79
18) Hexachloroethane	8.50	117	246291	33.175	ng	# 79
19) n-Nitroso-di-n-propylamine	8.25	70	470866	30.760	ng	91
20) 3+4-Methylphenols	8.22	107	592524	32.275	ng	85
22) Acetophenone	8.26	105	830819	30.651	ng	# 96
24) Nitrobenzene	8.63	77	773146	32.210	ng	90
25) Isophorone	9.15	82	1201407	31.312	ng	# 88
26) 2-Nitrophenol	9.33	139	265459	33.236	ng	# 31
27) 2,4-Dimethylphenol	9.40	122	451801	31.693	ng	# 70
28) bis(2-Chloroethoxy)methane	9.64	93	703023	32.685	ng	97
29) 2,4-Dichlorophenol	9.86	162	514331	31.939	ng	93
30) 1,2,4-Trichlorobenzene	10.07	180	638213	32.419	ng	99
31) Naphthalene	10.25	128	1462400	31.947	ng	98
32) Benzoic acid	9.54	122	313968	28.071	ng	# 63
33) 4-Chloroaniline	10.37	127	236866	12.844	ng	# 74
34) Hexachlorobutadiene	10.54	225	494083	32.345	ng	99
35) Caprolactam	11.16	113	132444	30.893	ng	# 85
36) 4-Chloro-3-methylphenol	11.51	107	586267	30.098	ng	# 75
37) 2-Methylnaphthalene	11.87	142	1102155	33.522	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	799905	32.001	ng	# 100
40) Hexachlorocyclopentadiene	12.23	237	1259574	87.903	ng	99

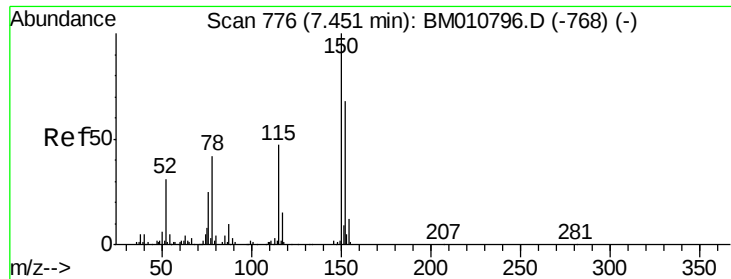
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071917\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.50	196	490051	31.839	ng	98
43) 2,4,5-Trichlorophenol	12.57	196	503522	33.135	ng #	87
45) 1,1'-Biphenyl	12.92	154	1536922	30.764	ng	97
46) 2-Chloronaphthalene	12.95	162	1197666	32.695	ng #	92
47) 2-Nitroaniline	13.17	65	410583	34.096	ng #	68
48) Acenaphthylene	13.81	152	1790936	32.871	ng	99
49) Dimethylphthalate	13.56	163	1501309	30.774	ng	99
50) 2,6-Dinitrotoluene	13.68	165	311562	32.559	ng #	62
51) Acenaphthene	14.16	154	1093707	32.852	ng	97
52) 3-Nitroaniline	14.01	138	219248	25.204	ng #	54
53) 2,4-Dinitrophenol	14.22	184	410536	62.062	ng #	88
54) Dibenzofuran	14.50	168	1857349	34.490	ng #	89
55) 4-Nitrophenol	14.33	139	416879	55.178	ng #	1
56) 2,4-Dinitrotoluene	14.47	165	438396	33.016	ng	96
57) Fluorene	15.15	166	1494696	32.287	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	490930	34.770	ng #	100
59) Diethylphthalate	14.94	149	1498735	31.107	ng	100
60) 4-Chlorophenyl-phenylether	15.15	204	908444	31.946	ng	96
61) 4-Nitroaniline	15.18	138	273356	30.064	ng #	1
62) Azobenzene	15.44	77	1771863	36.216	ng	89
64) 4,6-Dinitro-2-methylphenol	15.24	198	274789	32.096	ng	88
65) n-Nitrosodiphenylamine	15.37	169	1272887	34.262	ng	98
66) 4-Bromophenyl-phenylether	16.05	248	568947	34.577	ng #	87
67) Hexachlorobenzene	16.16	284	619222	32.910	ng #	91
68) Atrazine	16.33	200	496627	32.279	ng	96
69) Pentachlorophenol	16.50	266	733282	60.794	ng	95
70) Phenanthrene	16.89	178	2320514	34.355	ng	99
71) Anthracene	16.98	178	2338081	34.872	ng	100
72) Carbazole	17.26	167	1824649	30.900	ng	99
73) Di-n-butylphthalate	17.84	149	2245924	32.148	ng #	97
74) Fluoranthene	18.92	202	2659501	31.792	ng	98
76) Benzidine	19.12	184	1355725	40.628	ng	99
77) Pyrene	19.29	202	2666165	36.882	ng	99
79) Butylbenzylphthalate	20.22	149	877555	34.674	ng #	70
80) Benzo(a)anthracene	21.04	228	2428950	33.616	ng	99
81) 3,3'-Dichlorobenzidine	20.99	252	662918	23.333	ng #	95
82) Chrysene	21.10	228	2229481	32.399	ng	98
83) Bis(2-ethylhexyl)phthalate	21.00	149	1183654	32.116	ng	98
84) Di-n-octyl phthalate	21.86	149	1906214	31.567	ng	99
85) Indeno(1,2,3-cd)pyrene	25.29	276	2435101	30.860	ng #	100
87) Benzo(b)fluoranthene	22.56	252	2179092	32.672	ng #	90
88) Benzo(k)fluoranthene	22.60	252	2165204	33.988	ng #	94
89) Benzo(a)pyrene	23.10	252	2071547	34.123	ng #	94
90) Dibenzo(a,h)anthracene	25.30	278	1990978	33.790	ng #	91
91) Benzo(g,h,i)perylene	25.93	276	2044921	35.305	ng #	84

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

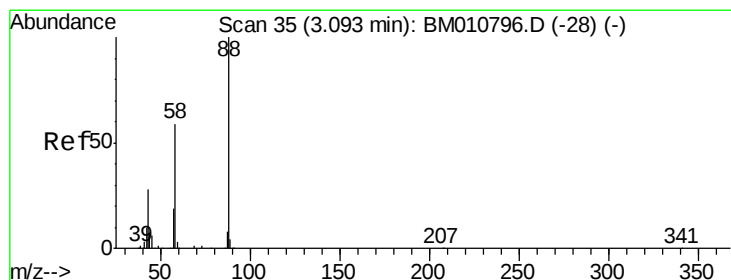
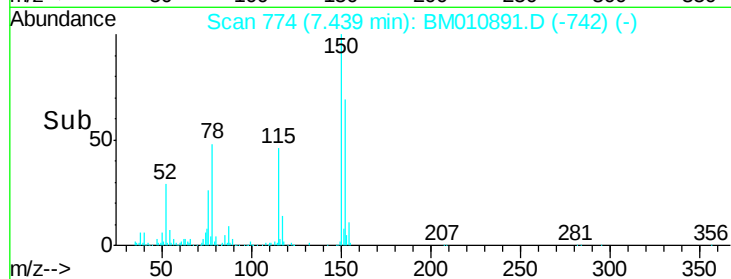
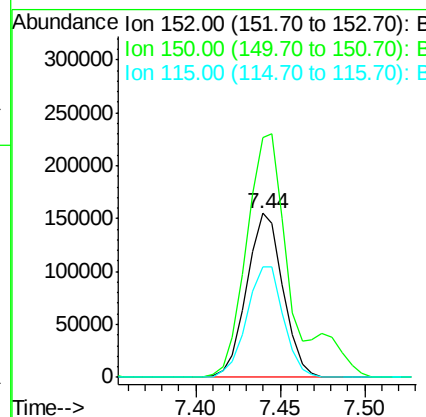
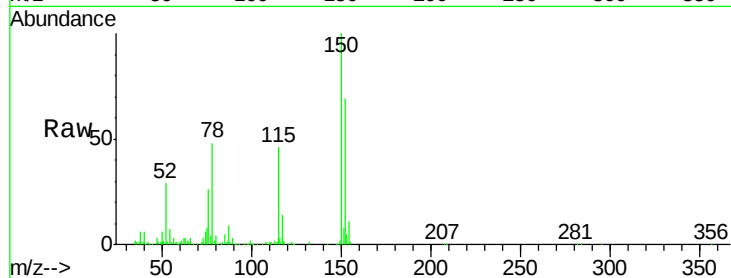


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Instrument :
BNA_M
ClientSampleId :
PB100757BS

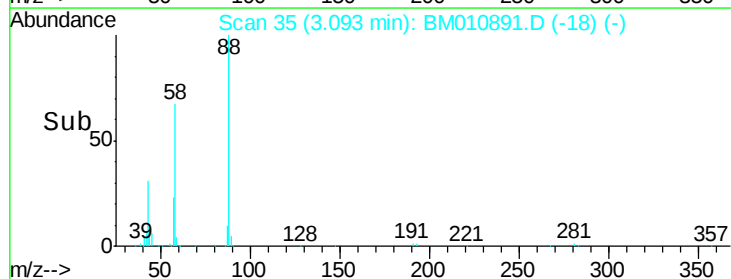
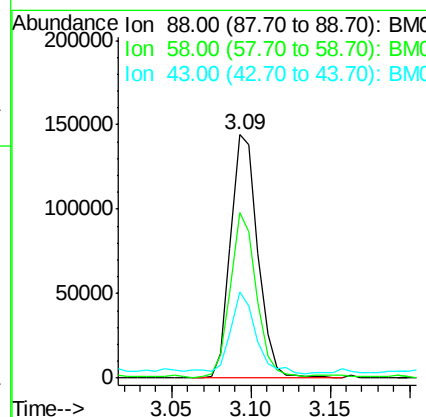
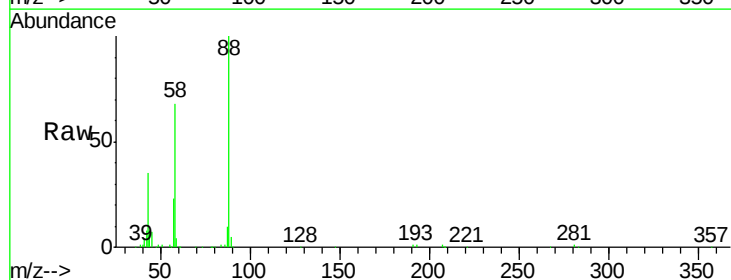
Tgt Ion:152 Resp: 232202
Ion Ratio Lower Upper
152 100
150 145.7 119.5 179.3
115 67.6 43.0 64.4#

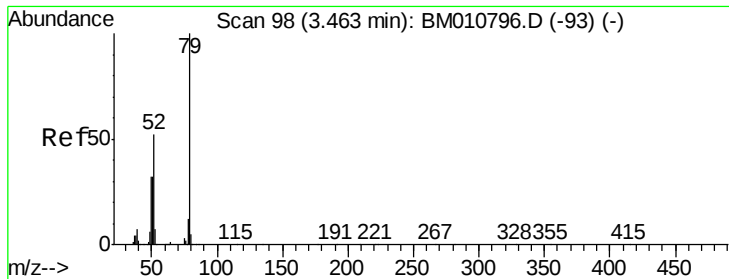


#2

1,4-Dioxane
Concen: 27.934 ng
RT: 3.09 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Tgt Ion: 88 Resp: 172778
Ion Ratio Lower Upper
88 100
58 64.1 0.0 0.0#
43 30.5 0.0 0.0#





#3

Pyridine

Concen: 29.077 ng

RT: 3.46 min Scan# 98

Delta R.T. 0.00 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

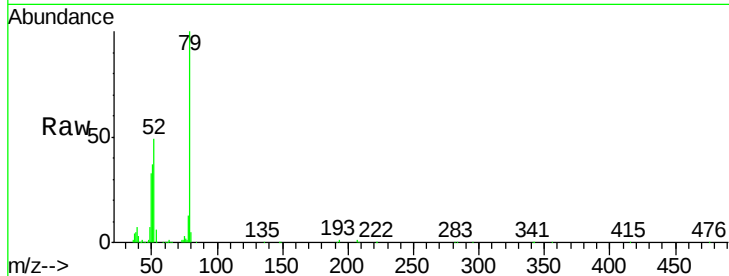
Tgt Ion: 79 Resp: 491610

Ion Ratio Lower Upper

79 100

52 49.2 51.1 76.7#

51 36.7 26.1 39.1

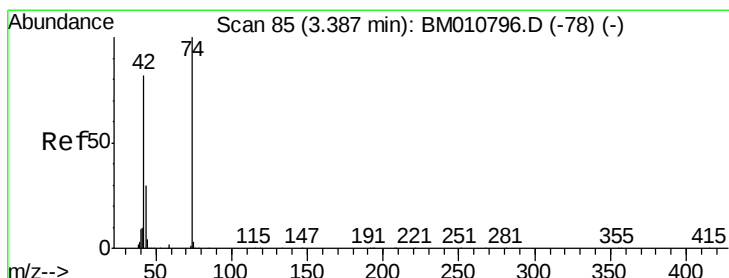
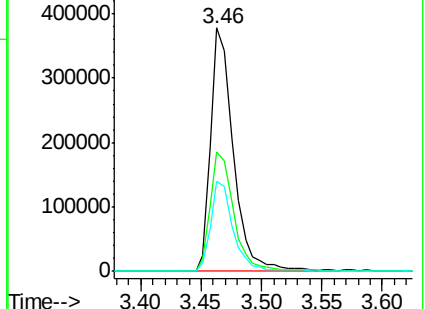
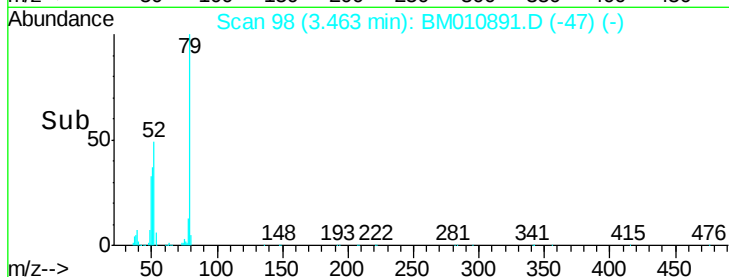


Abundance Ion 79.00 (78.70 to 79.70): BM010796.D (-93) (-)

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

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

Time-->



#4

n-Nitrosodimethylamine

Concen: 32.296 ng

RT: 3.38 min Scan# 84

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

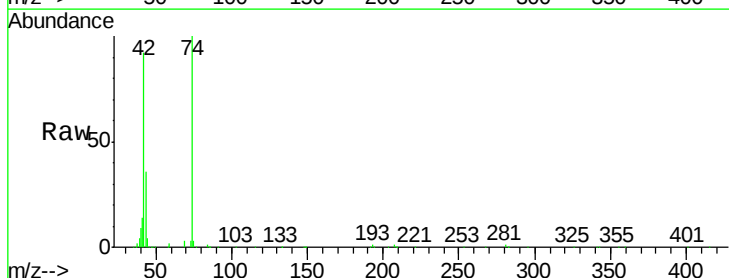
Tgt Ion: 42 Resp: 279065

Ion Ratio Lower Upper

42 100

74 108.2 119.3 178.9#

44 3.9 5.4 8.2#

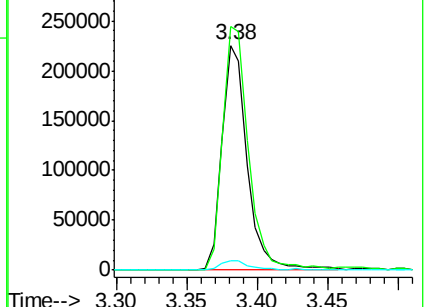
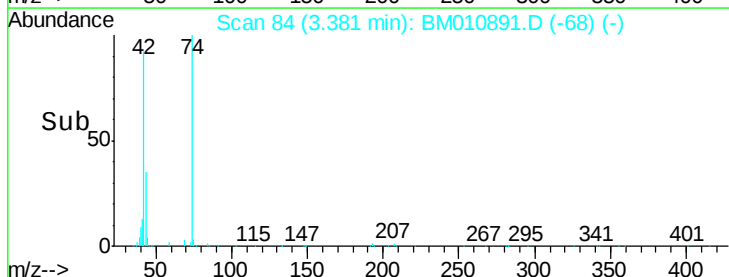


Abundance Ion 42.00 (41.70 to 42.70): BM010796.D (-78) (-)

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

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

Time-->





#5

2-Fluorophenol

Concen: 108.135 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

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ClientSampleId :

PB100757BS

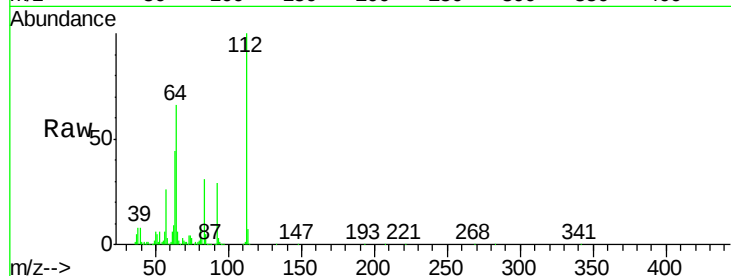
Tgt Ion:112 Resp: 1515811

Ion Ratio Lower Upper

112 100

64 66.4 38.6 57.8#

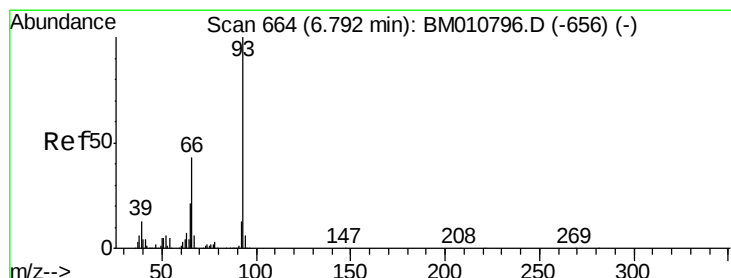
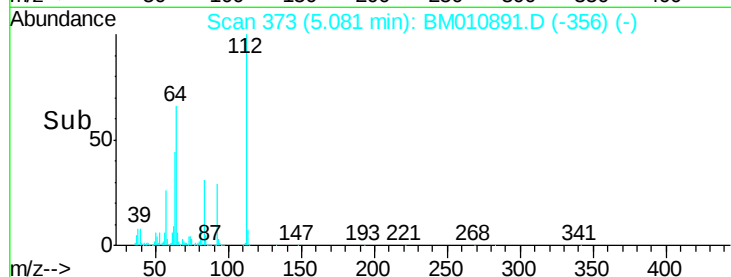
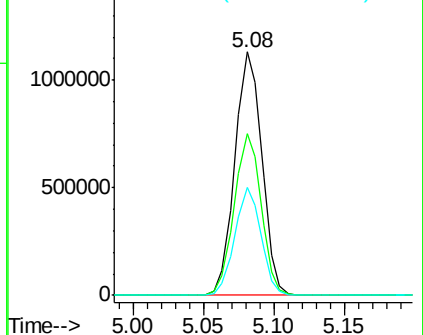
63 44.1 19.3 28.9#



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: 27.843 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

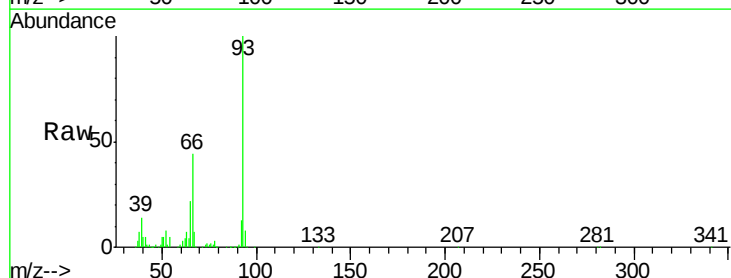
Tgt Ion: 93 Resp: 674029

Ion Ratio Lower Upper

93 100

66 44.3 30.8 46.2

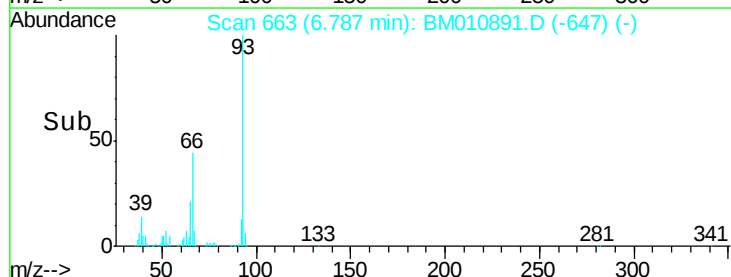
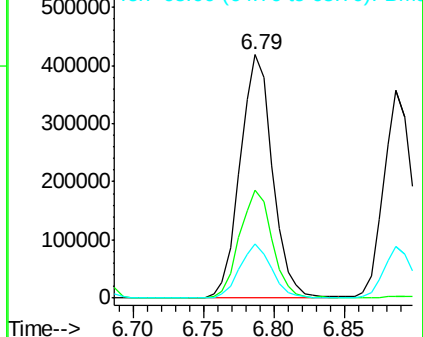
65 22.2 16.0 24.0



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: 101.596 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010891.D

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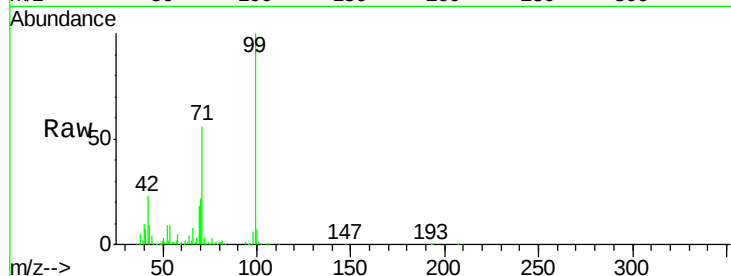
Tgt Ion: 99 Resp: 1963298

Ion Ratio Lower Upper

99 100

42 23.3 11.0 16.4#

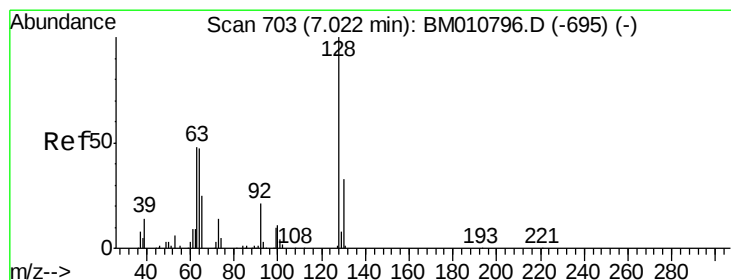
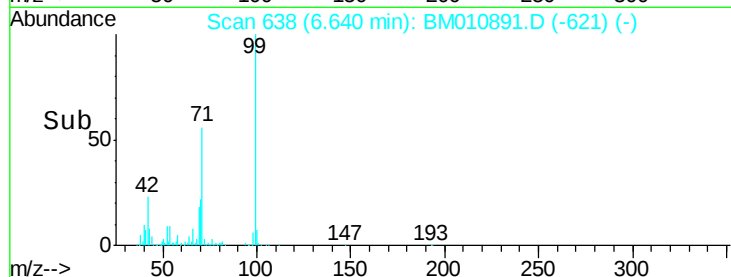
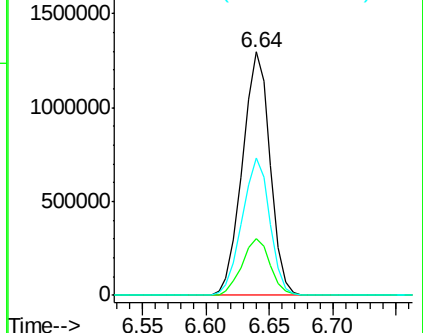
71 56.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010891.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010891.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010891.D (-621) (-)



#8

2-Chlorophenol

Concen: 33.416 ng

RT: 7.02 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

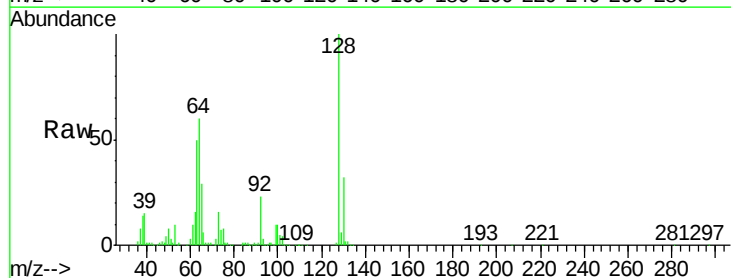
Tgt Ion: 128 Resp: 463774

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

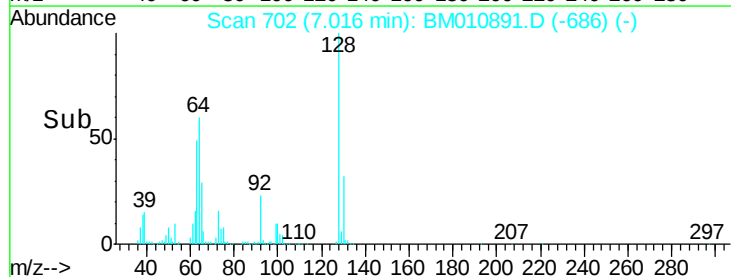
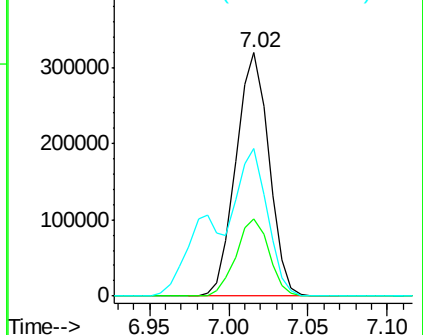
64 60.5 24.9 64.9

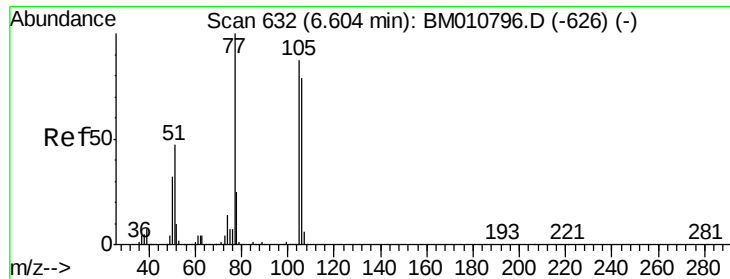


Abundance Ion 128.00 (127.70 to 128.70): BM010891.D (-686) (-)

Ion 130.00 (129.70 to 130.70): BM010891.D (-686) (-)

Ion 64.00 (63.70 to 64.70): BM010891.D (-686) (-)





#9

Benzaldehyde

Concen: 19.771 ng

RT: 6.60 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

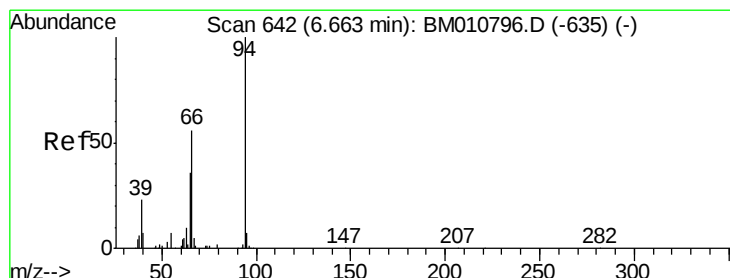
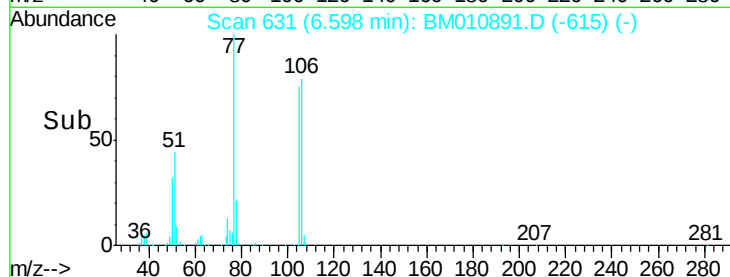
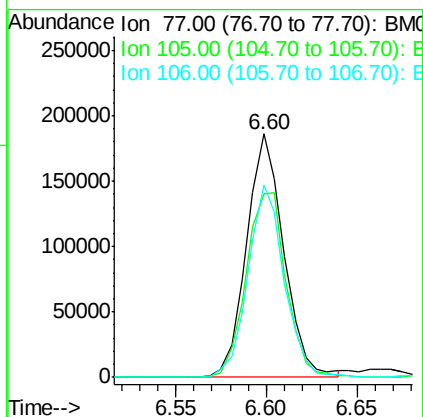
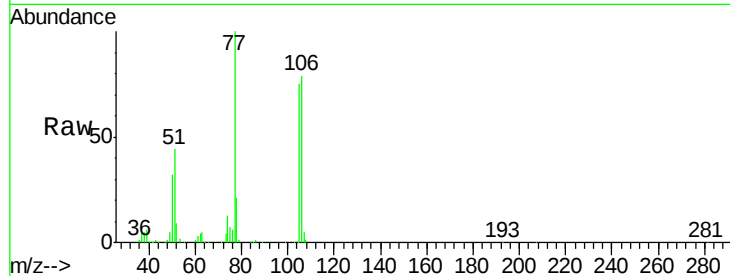
Tgt Ion: 77 Resp: 265297

Ion Ratio Lower Upper

77 100

105 75.3 78.8 118.8#

106 78.8 73.7 113.7



#10

Phenol

Concen: 32.271 ng

RT: 6.66 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

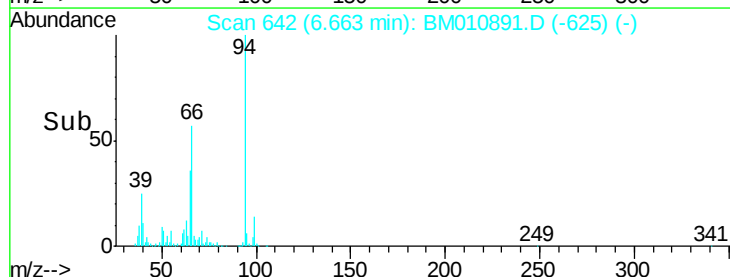
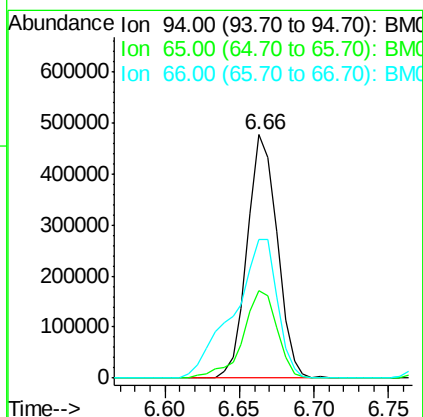
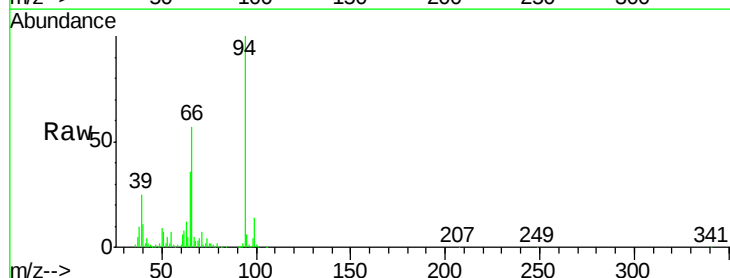
Tgt Ion: 94 Resp: 659366

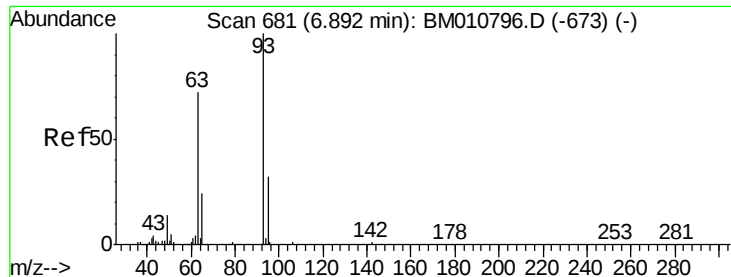
Ion Ratio Lower Upper

94 100

65 36.0 18.8 58.8

66 56.9 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 31.786 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

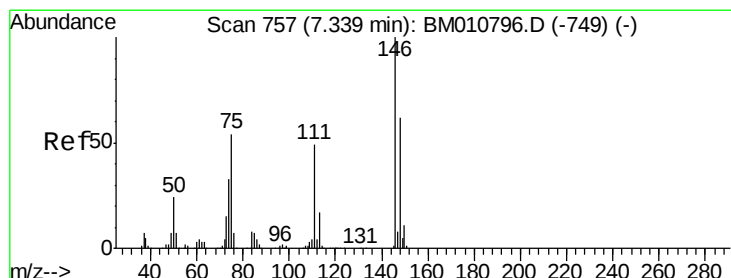
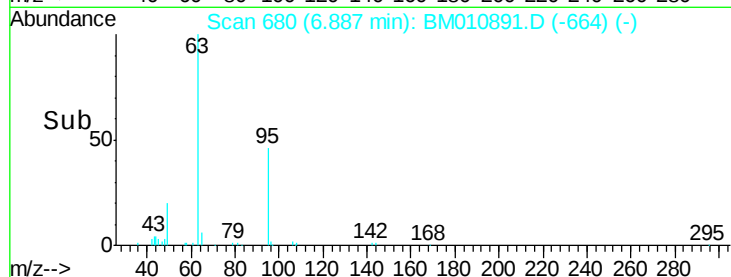
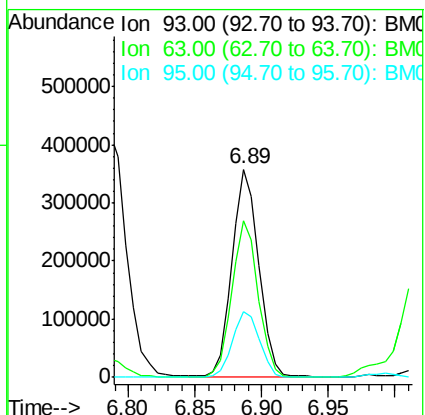
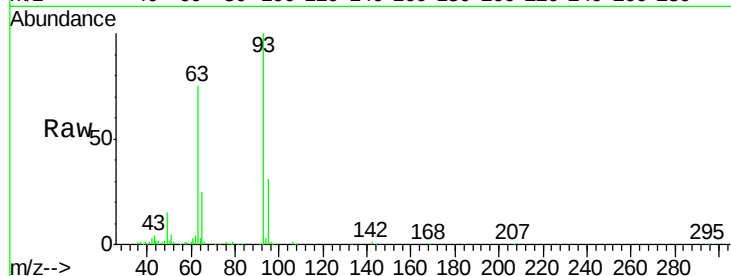
Tgt Ion: 93 Resp: 500184

Ion Ratio Lower Upper

93 100

63 75.3 49.5 89.5

95 31.4 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 31.571 ng

RT: 7.33 min Scan# 756

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

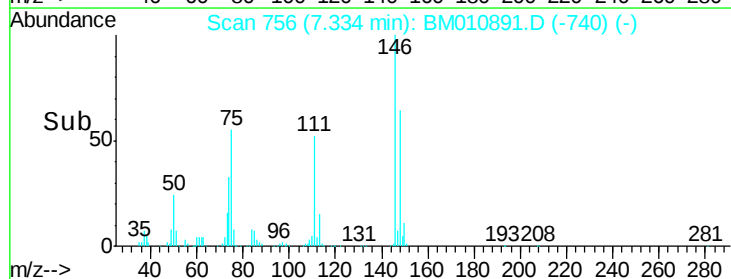
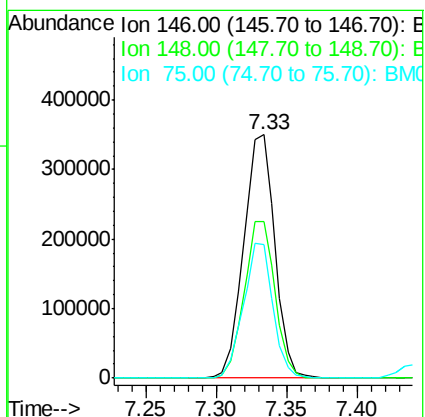
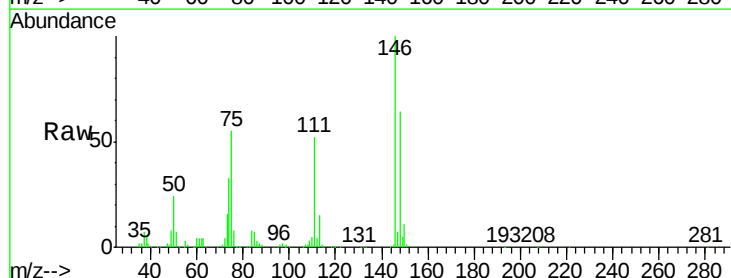
Tgt Ion: 146 Resp: 541489

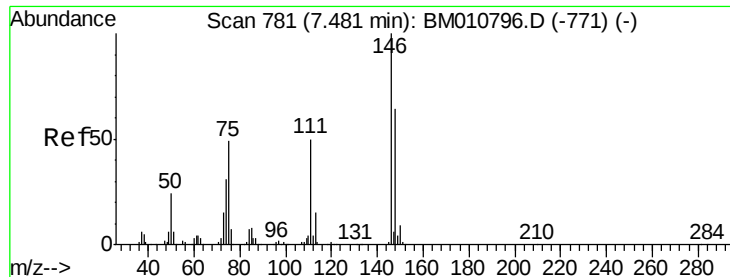
Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

75 55.1 21.4 32.2#

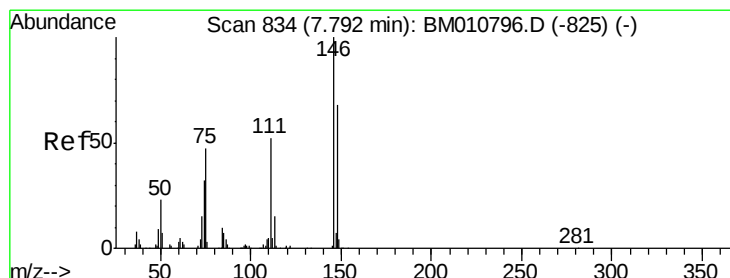
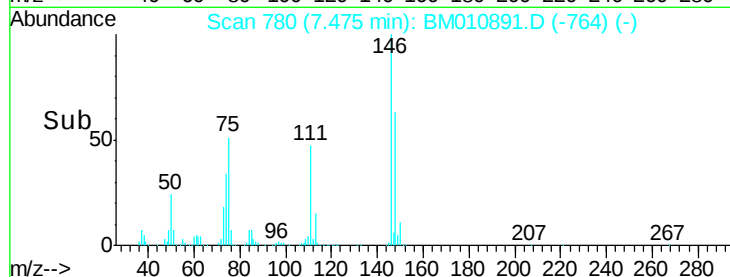
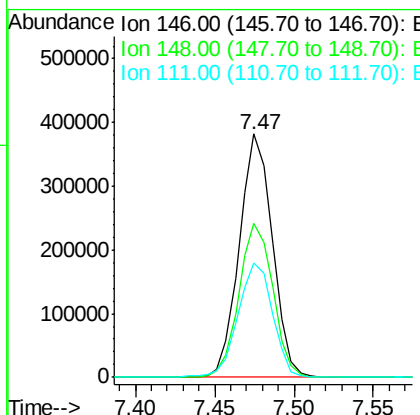
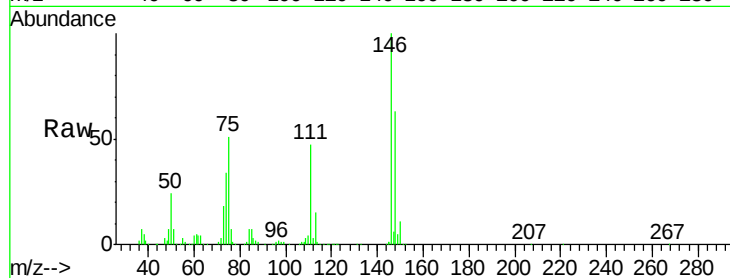




#13
 1,4-Dichlorobenzene
 Concen: 31.300 ng
 RT: 7.47 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

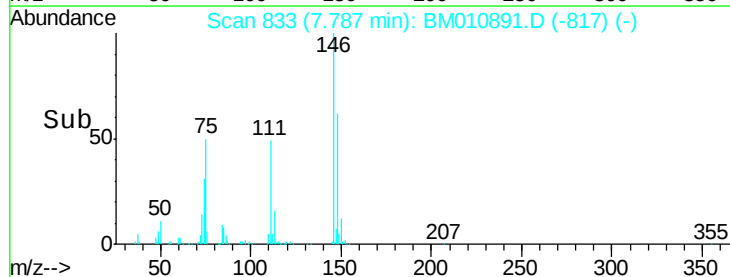
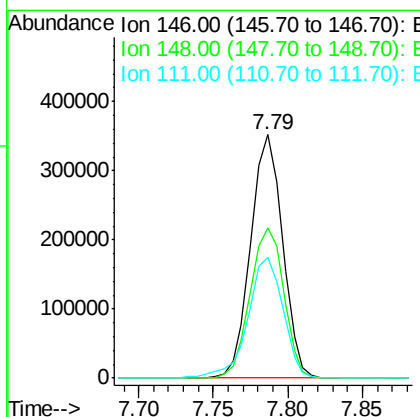
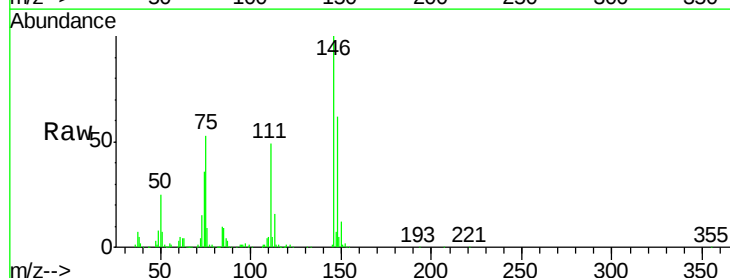
Instrument :
 BNA_M
 ClientSampleId :
 PB100757BS

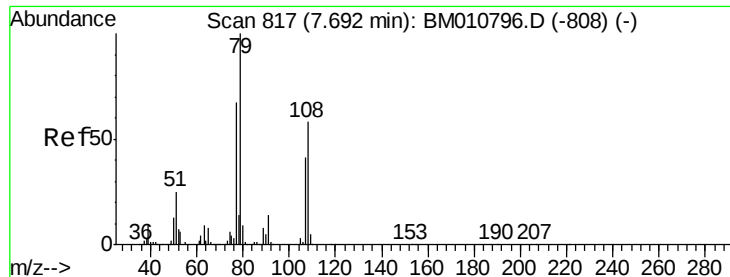
Tgt Ion:146 Resp: 553996
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.9 77.9
 111 46.9 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 30.833 ng
 RT: 7.79 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

Tgt Ion:146 Resp: 520031
 Ion Ratio Lower Upper
 146 100
 148 61.5 52.3 78.5
 111 49.4 30.6 45.8#





#15

Benzyl Alcohol

Concen: 33.069 ng

RT: 7.69 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

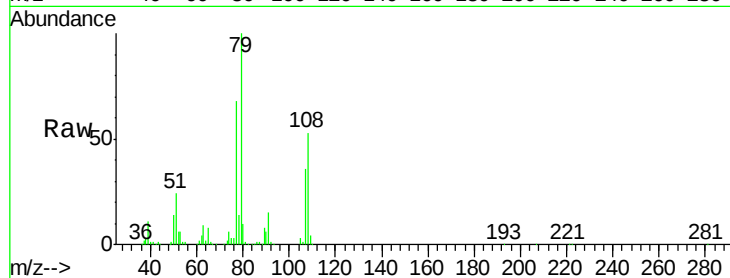
Tgt Ion: 79 Resp: 605115

Ion Ratio Lower Upper

79 100

108 53.5 65.0 97.4#

77 67.6 53.0 79.6

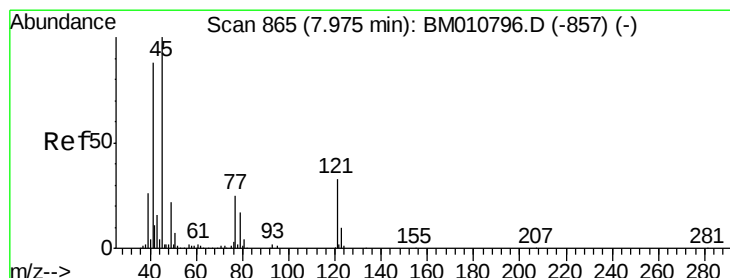
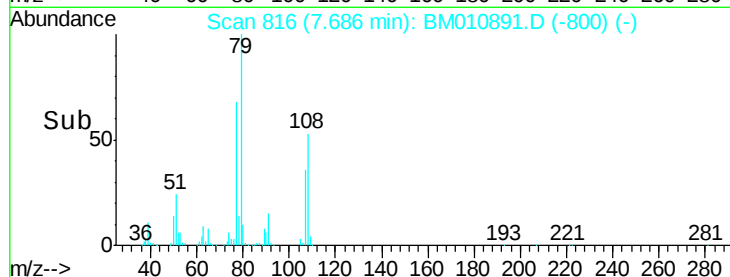


Abundance Ion 79.00 (78.70 to 79.70): BM010891.D (-800) (-)

Ion 108.00 (107.70 to 108.70): BM010891.D (-800) (-)

Ion 77.00 (76.70 to 77.70): BM010891.D (-800) (-)

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.091 ng

RT: 7.97 min Scan# 865

Delta R.T. 0.00 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

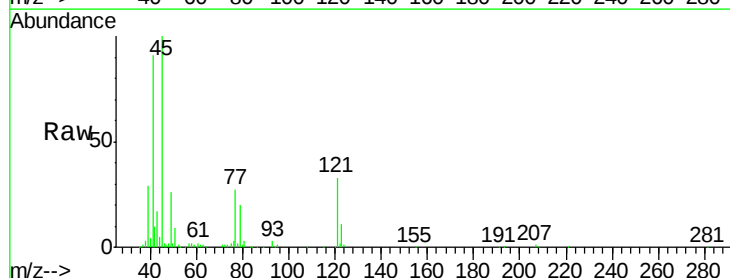
Tgt Ion: 45 Resp: 451460

Ion Ratio Lower Upper

45 100

77 26.7 0.0 35.2

79 19.6 0.0 32.0

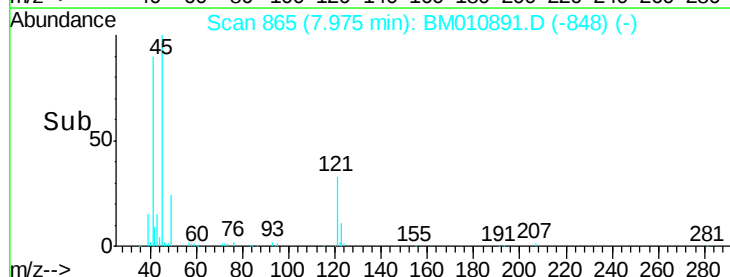


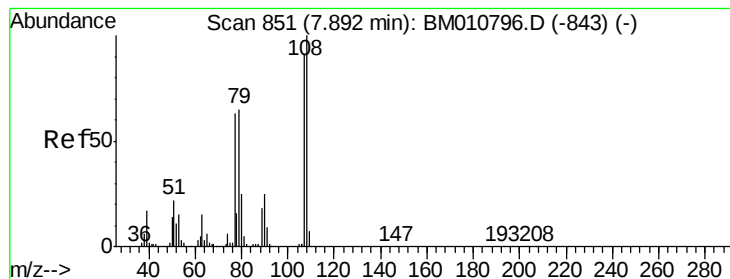
Abundance Ion 45.00 (44.70 to 45.70): BM010891.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM010891.D (-848) (-)

Ion 79.00 (78.70 to 79.70): BM010891.D (-848) (-)

Time-->





#17

2-Methylphenol

Concen: 33.513 ng

RT: 7.89 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

Tgt Ion:107 Resp: 442845

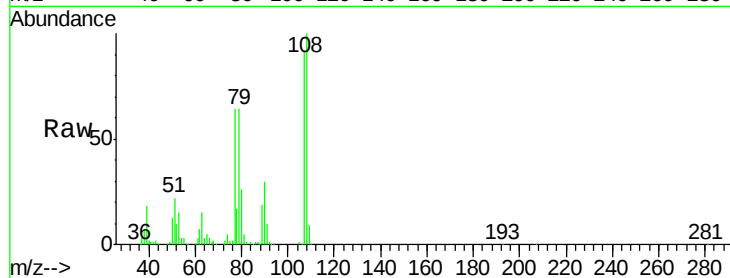
Ion Ratio Lower Upper

107 100

108 109.7 89.8 134.8

77 70.1 32.6 48.8#

79 70.1 32.8 49.2#

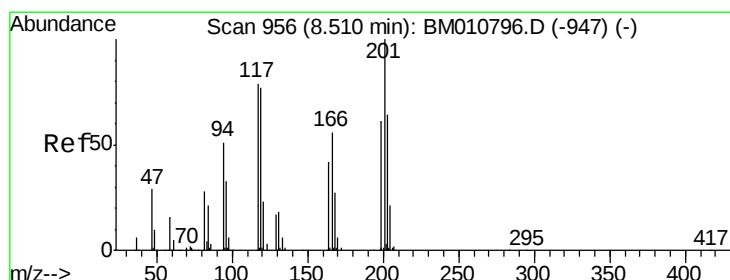
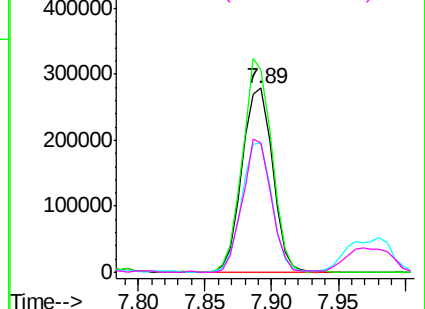
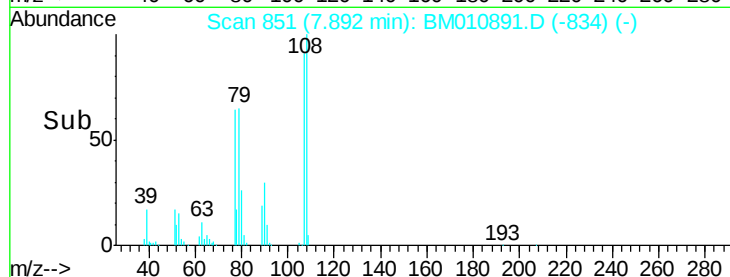


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.175 ng

RT: 8.50 min Scan# 954

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

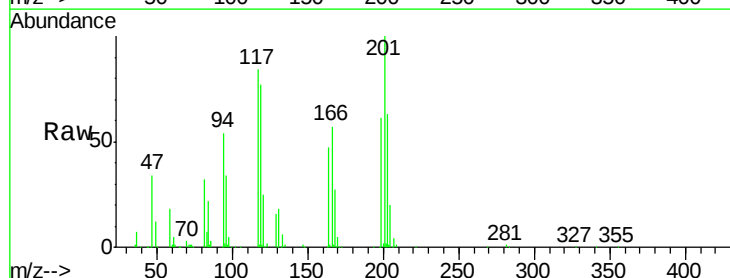
Tgt Ion:117 Resp: 246291

Ion Ratio Lower Upper

117 100

119 92.4 79.2 118.8

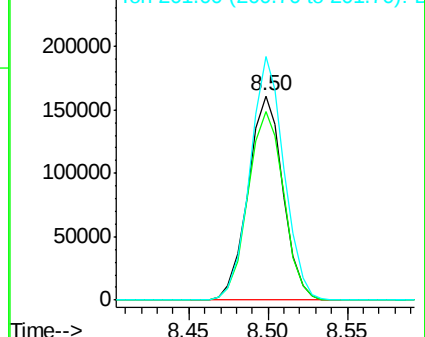
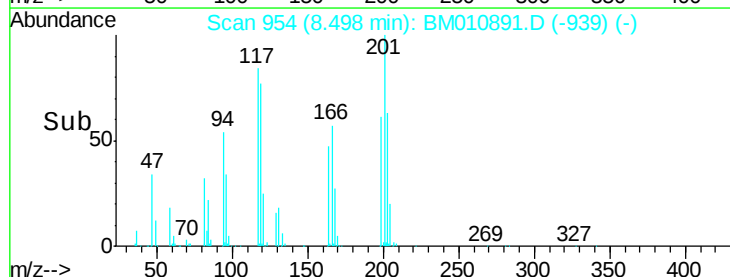
201 121.2 69.8 104.6#

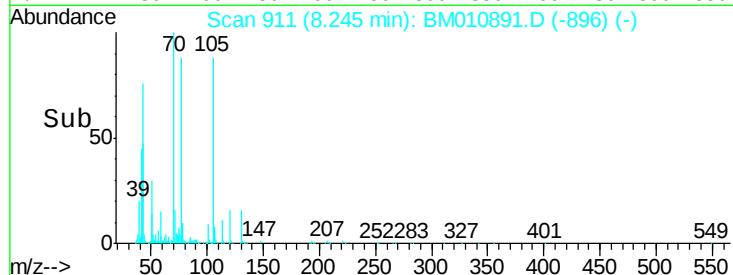
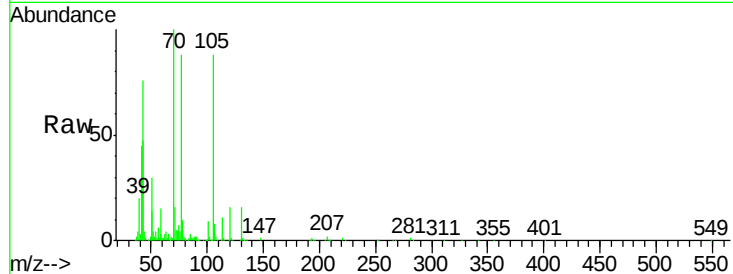
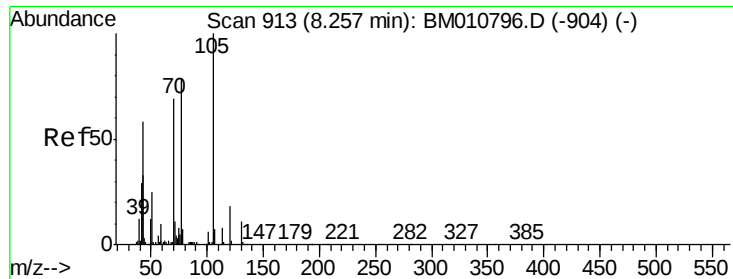


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

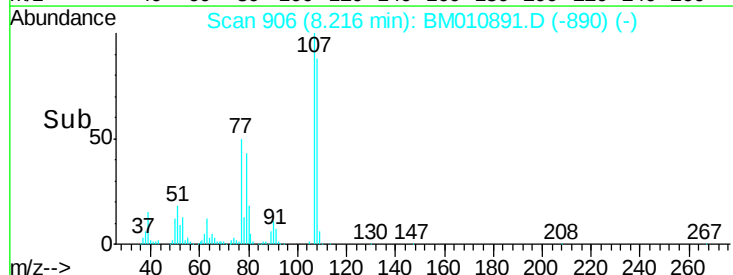
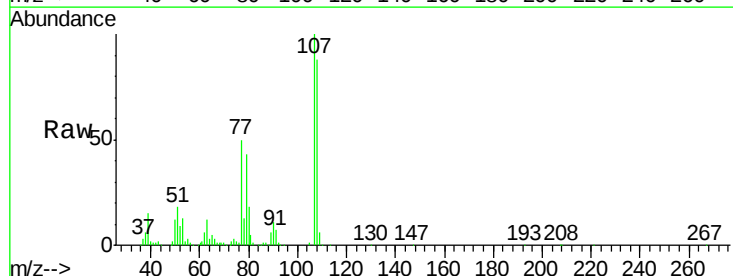
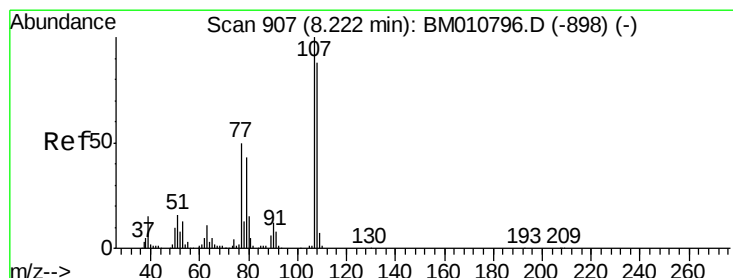
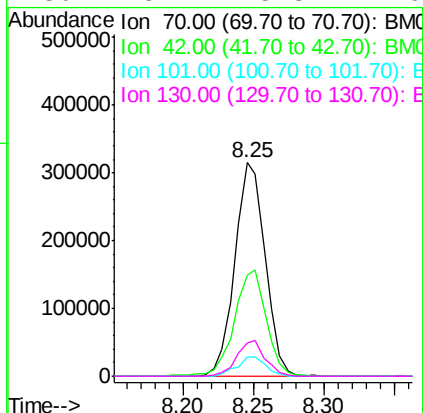




#19
n-Nitroso-di-n-propylamine
Concen: 30.760 ng
RT: 8.25 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

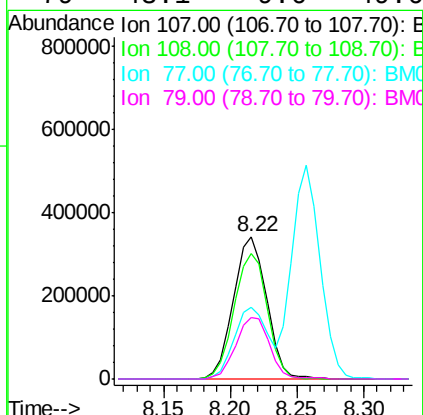
Instrument :
BNA_M
ClientSampleId :
PB100757BS

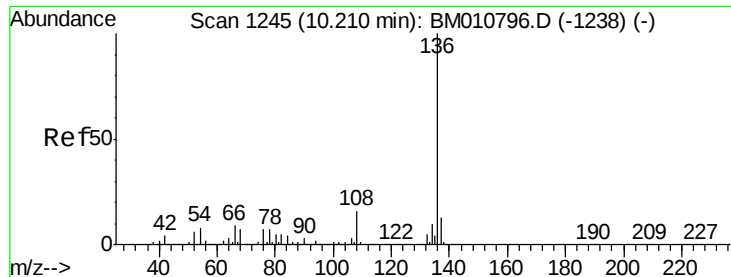
Tgt Ion:	70	Resp:	470866
Ion	Ratio	Lower	Upper
70	100		
42	47.2	44.5	66.7
101	9.2	7.4	11.2
130	15.7	15.3	22.9



#20
3+4-Methylphenols
Concen: 32.275 ng
RT: 8.22 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Tgt Ion:	107	Resp:	592524
Ion	Ratio	Lower	Upper
107	100		
108	87.9	73.2	113.2
77	50.2	10.7	50.7
79	43.1	9.6	49.6

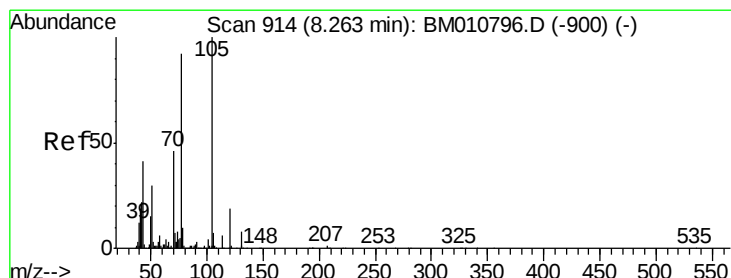
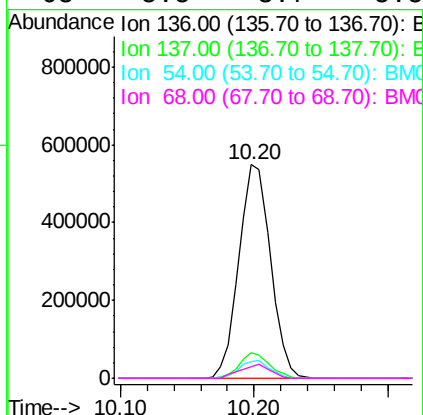
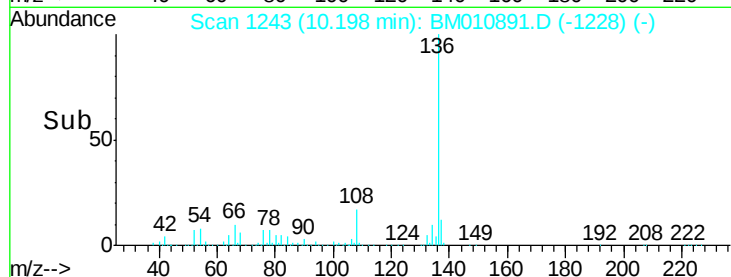
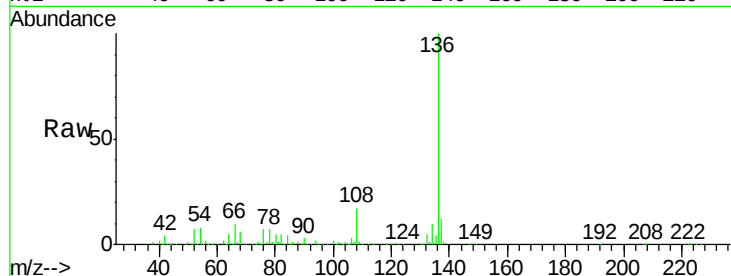




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

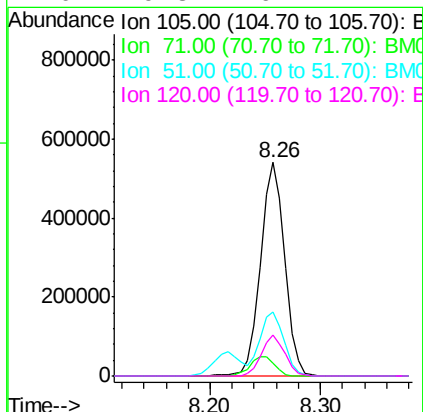
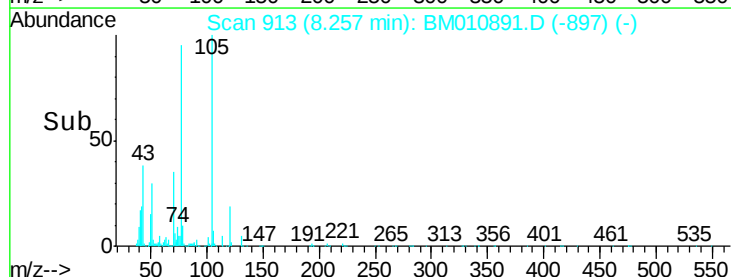
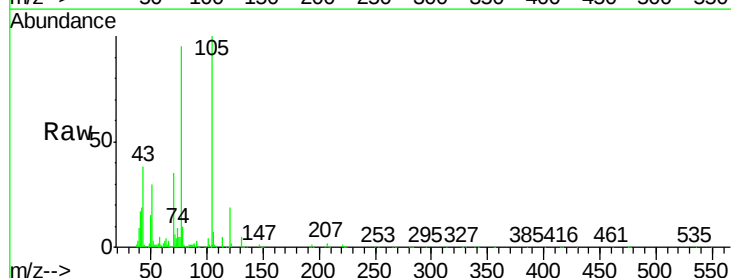
Instrument :
BNA_M
ClientSampleId :
PB100757BS

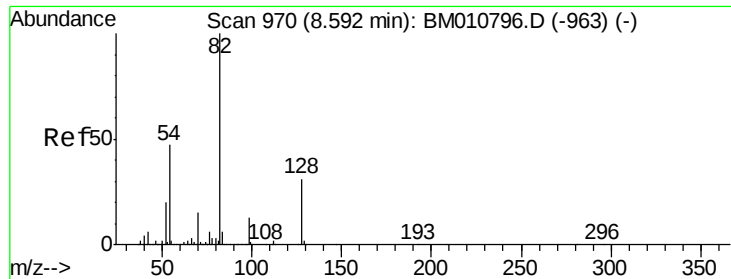
Tgt Ion:	136	Resp:	900258
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.7	13.1
54	8.1	4.6	6.8#
68	5.5	3.7	5.5#



#22
Acetophenone
Concen: 30.651 ng
RT: 8.26 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Tgt Ion:	105	Resp:	830819
Ion	Ratio	Lower	Upper
105	100		
71	6.0	0.6	1.0#
51	30.3	21.6	32.4
120	19.3	16.1	24.1

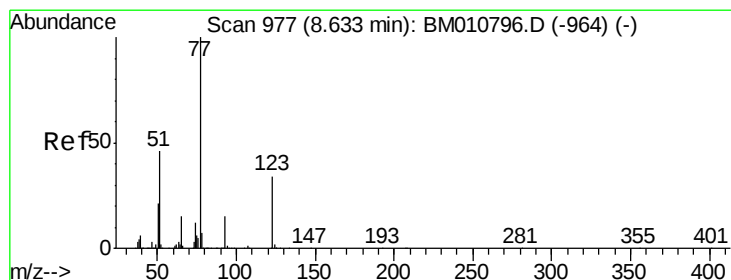
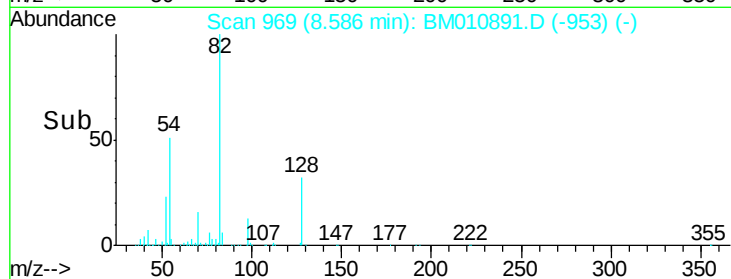
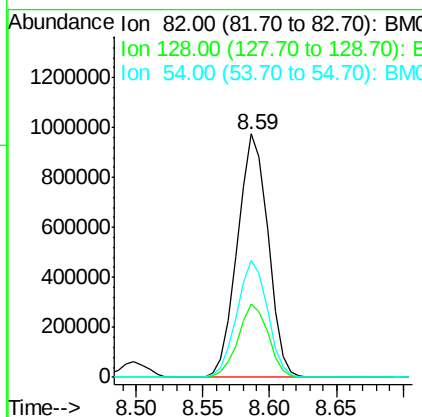
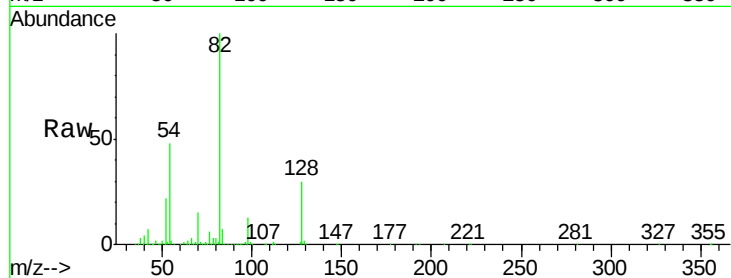




#23
 Nitrobenzene-d5
 Concen: 66.316 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

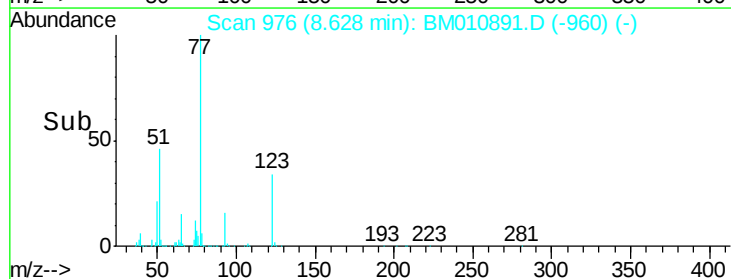
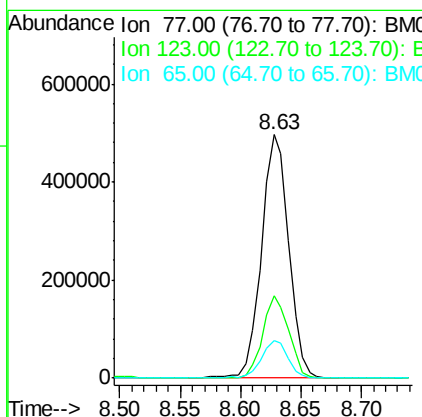
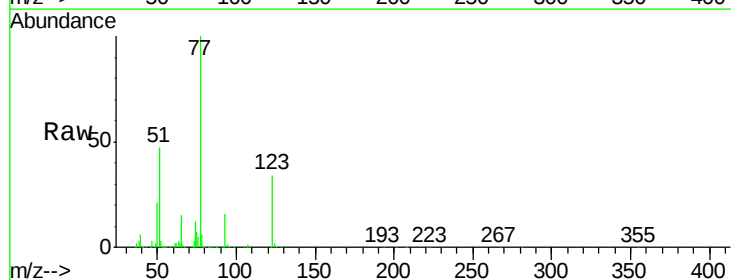
Instrument :
 BNA_M
 ClientSampleId :
 PB100757BS

Tgt Ion: 82 Resp: 1553203
 Ion Ratio Lower Upper
 82 100
 128 29.9 32.8 49.2#
 54 48.1 40.6 60.8



#24
 Nitrobenzene
 Concen: 32.210 ng
 RT: 8.63 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

Tgt Ion: 77 Resp: 773146
 Ion Ratio Lower Upper
 77 100
 123 33.7 32.6 49.0
 65 15.3 10.9 16.3





#25

Isophorone

Concen: 31.312 ng

RT: 9.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

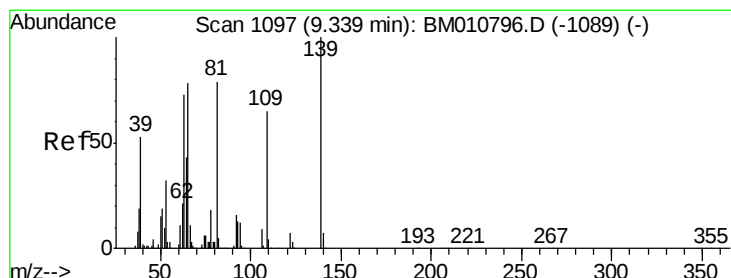
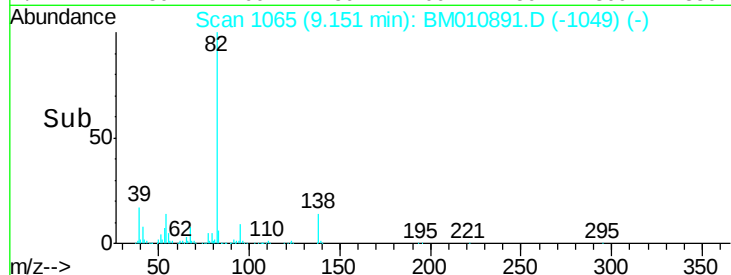
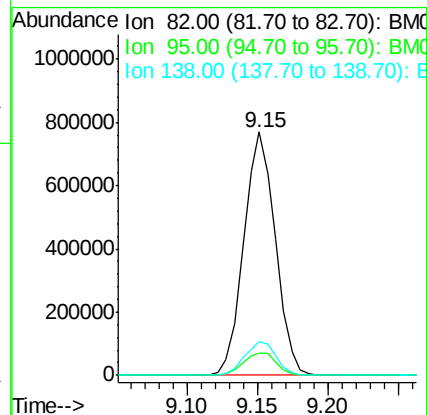
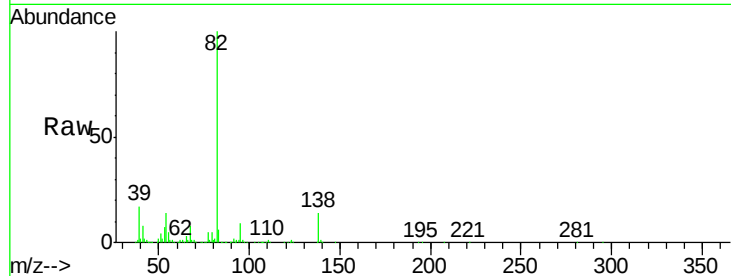
Tgt Ion: 82 Resp: 1201407

Ion Ratio Lower Upper

82 100

95 9.1 5.8 8.6#

138 13.8 16.3 24.5#



#26

2-Nitrophenol

Concen: 33.236 ng

RT: 9.33 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

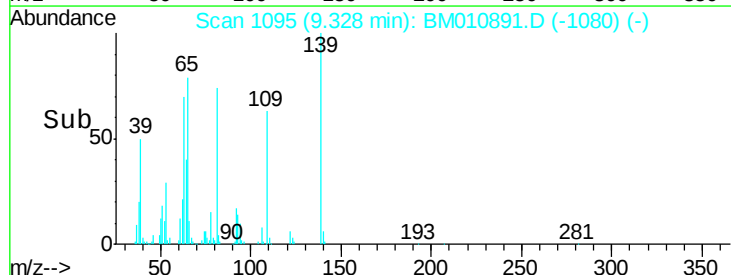
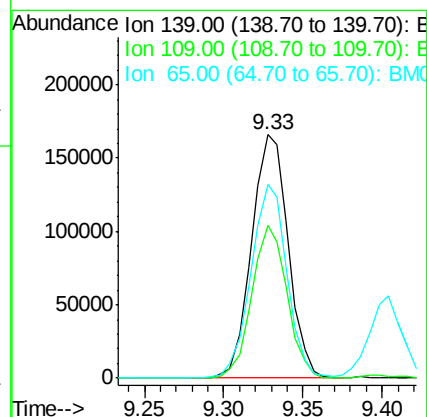
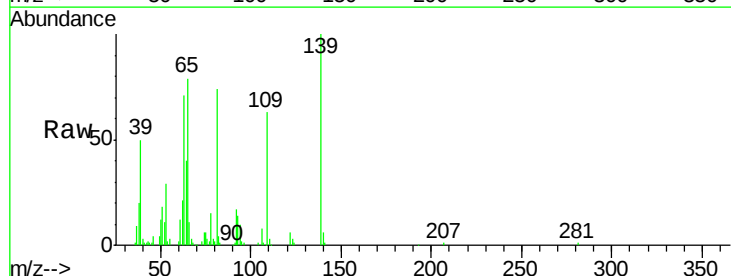
Tgt Ion: 139 Resp: 265459

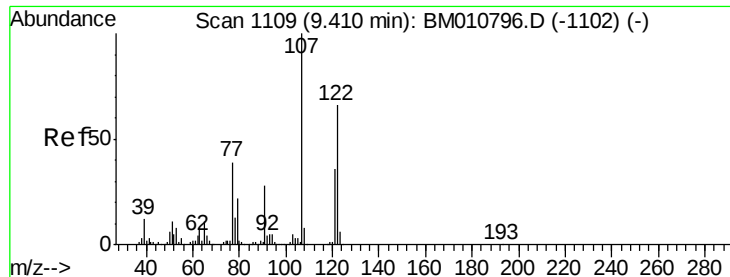
Ion Ratio Lower Upper

139 100

109 63.0 20.1 30.1#

65 79.3 31.5 47.3#

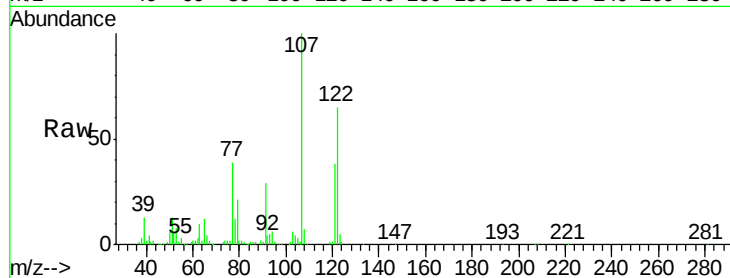




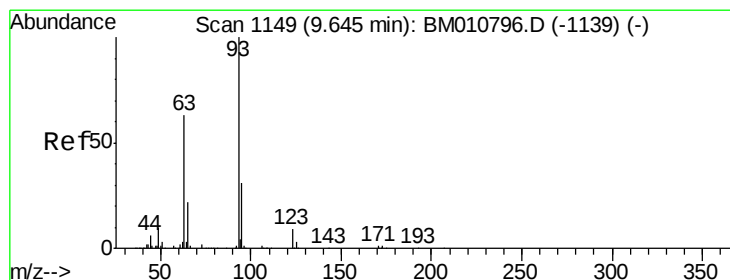
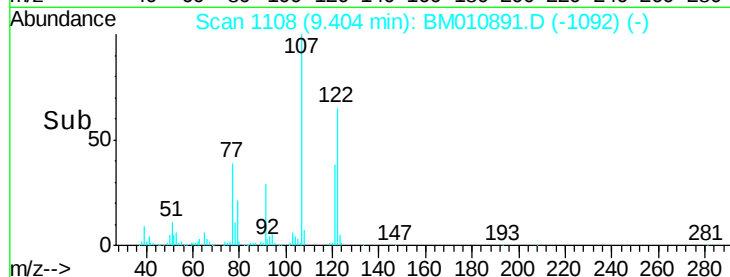
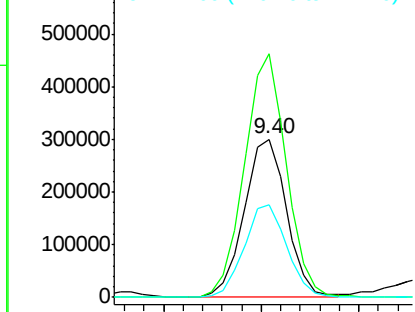
#27
2,4-Dimethylphenol
Concen: 31.693 ng
RT: 9.40 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Instrument :
BNA_M
ClientSampleId :
PB100757BS

Tgt Ion:122 Resp: 451801
Ion Ratio Lower Upper
122 100
107 154.2 84.7 127.1#
121 58.4 46.6 69.8

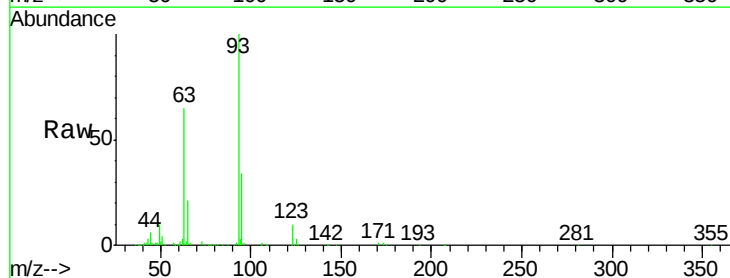


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

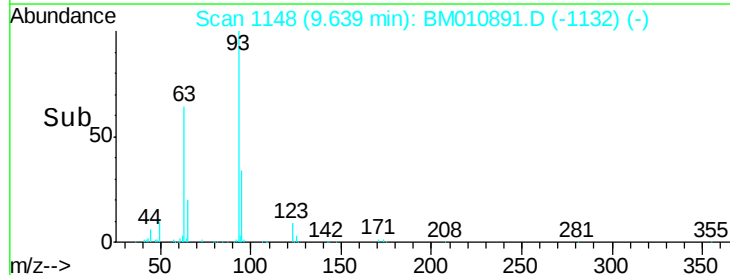
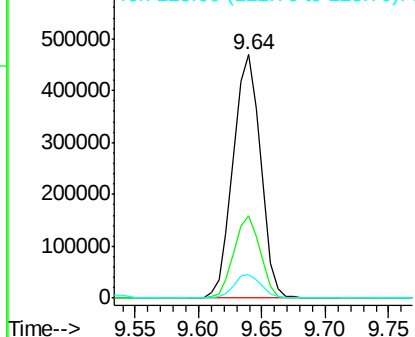


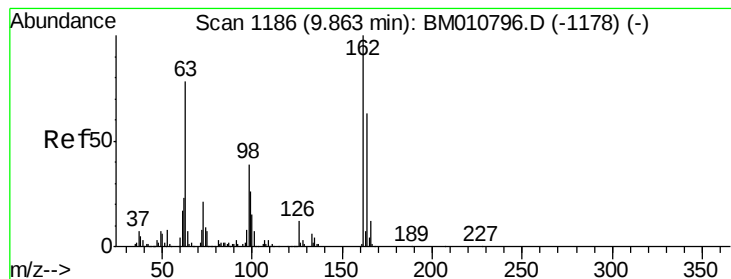
#28
bis(2-Chloroethoxy)methane
Concen: 32.685 ng
RT: 9.64 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Tgt Ion: 93 Resp: 703023
Ion Ratio Lower Upper
93 100
95 33.6 25.5 38.3
123 9.8 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: 31.939 ng

RT: 9.86 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

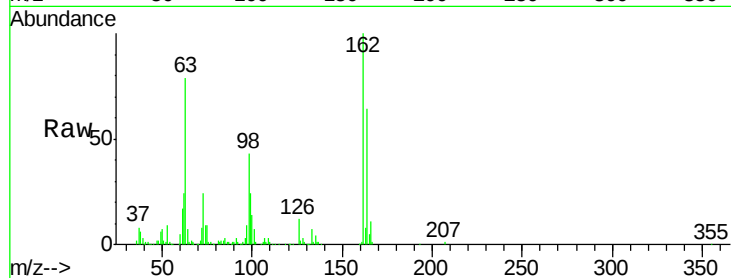
Tgt Ion:162 Resp: 514331

Ion Ratio Lower Upper

162 100

164 64.3 42.8 82.8

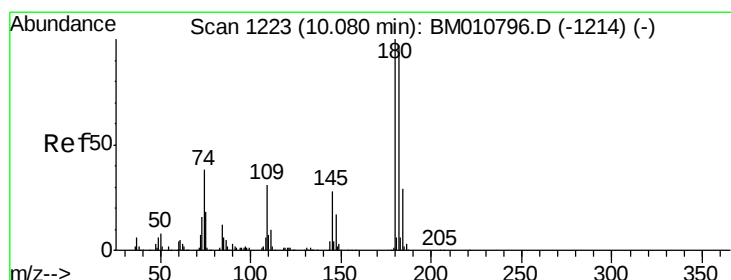
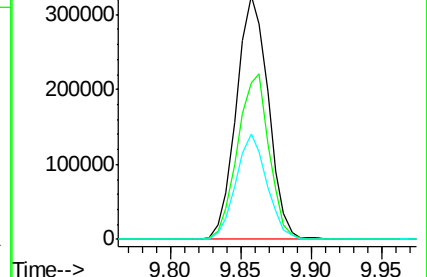
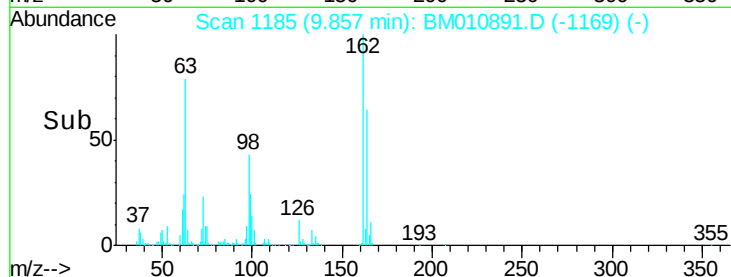
98 43.1 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 32.419 ng

RT: 10.07 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

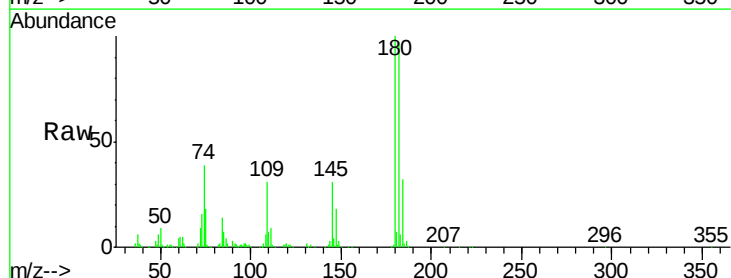
Tgt Ion:180 Resp: 638213

Ion Ratio Lower Upper

180 100

182 96.6 77.6 116.4

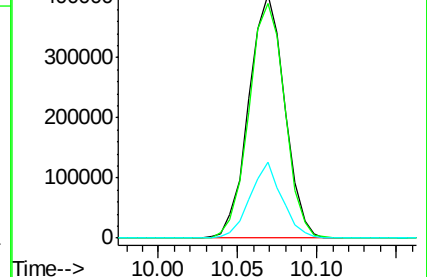
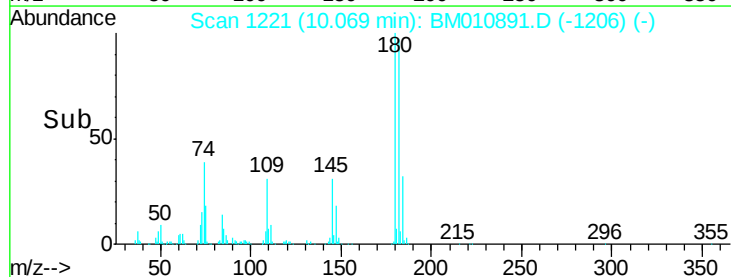
145 31.4 23.4 35.2

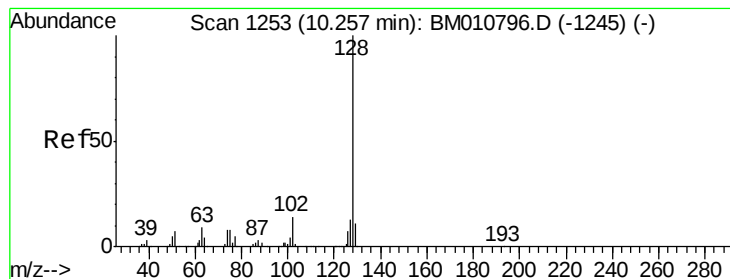


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 31.947 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

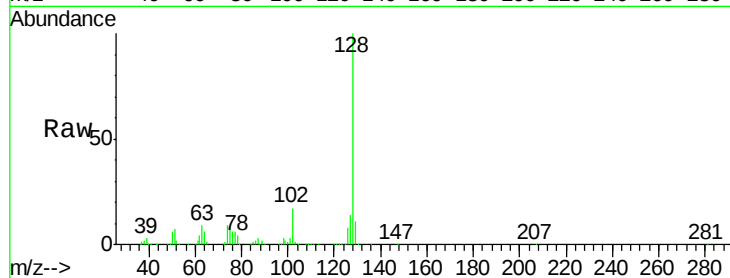
Tgt Ion:128 Resp: 1462400

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

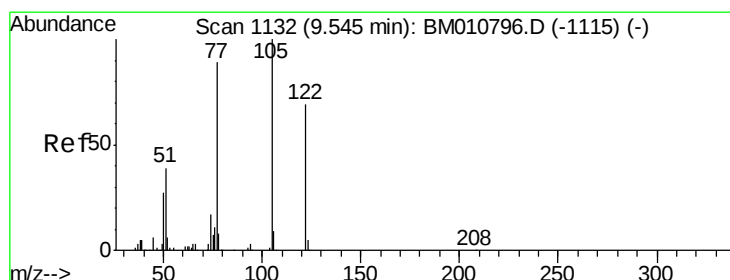
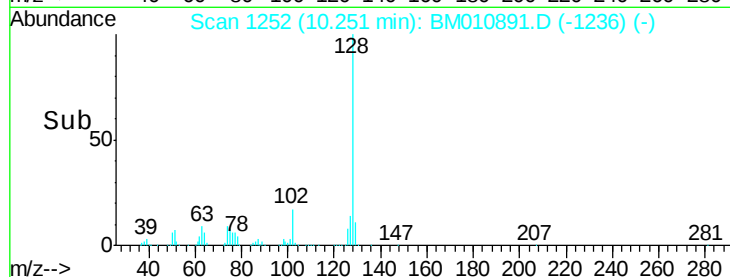
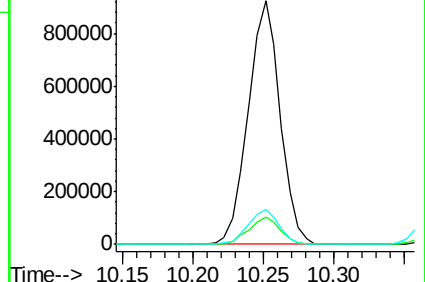
127 14.3 10.4 15.6



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: 28.071 ng

RT: 9.54 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

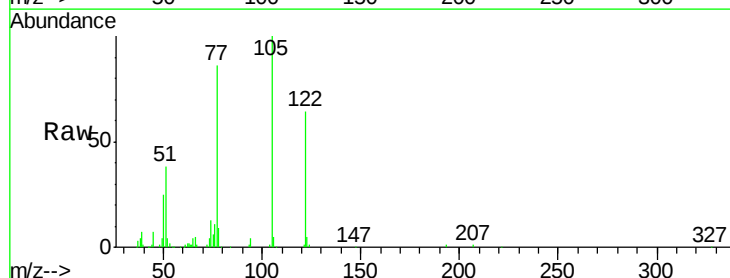
Tgt Ion:122 Resp: 313968

Ion Ratio Lower Upper

122 100

105 156.1 99.9 139.9#

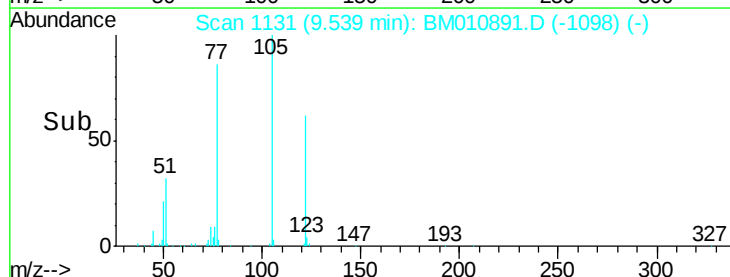
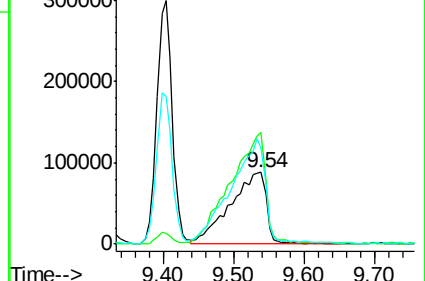
77 134.8 73.7 113.7#

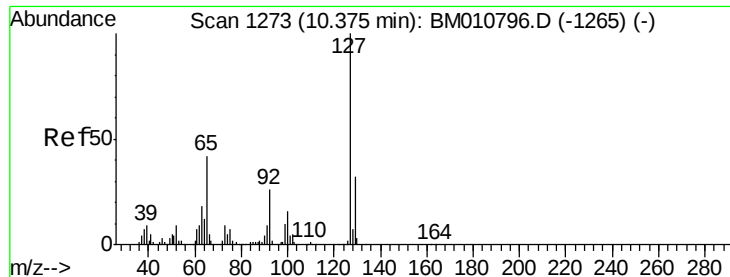


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

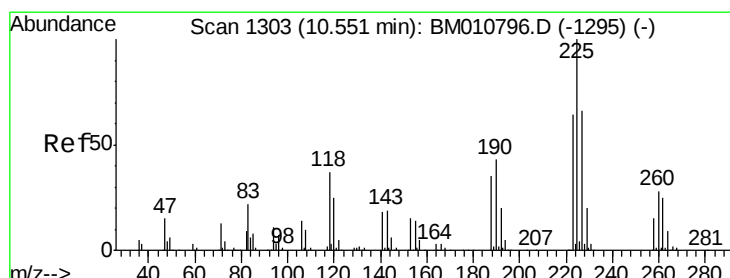
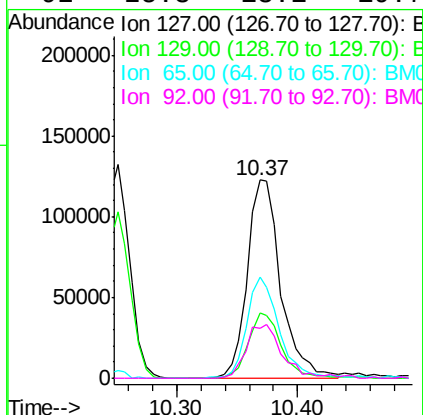
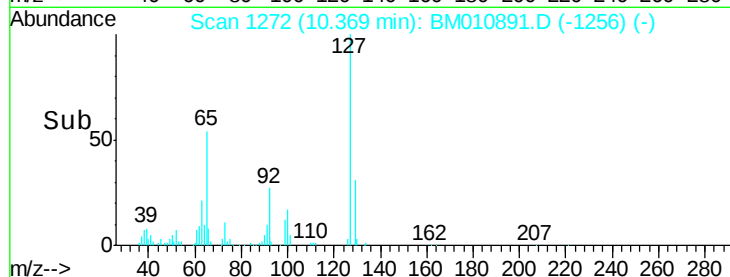
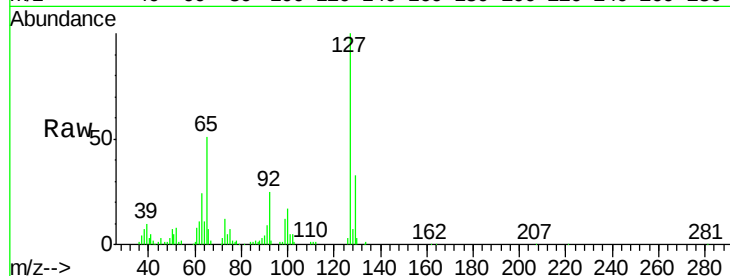




#33
4-Chloroaniline
Concen: 12.844 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

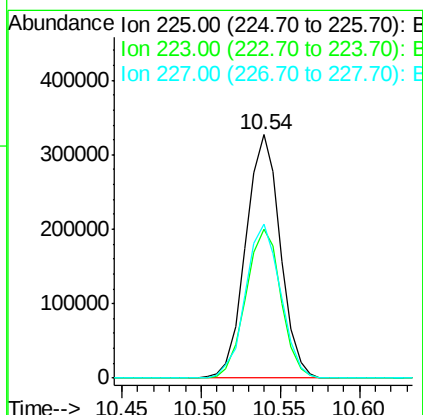
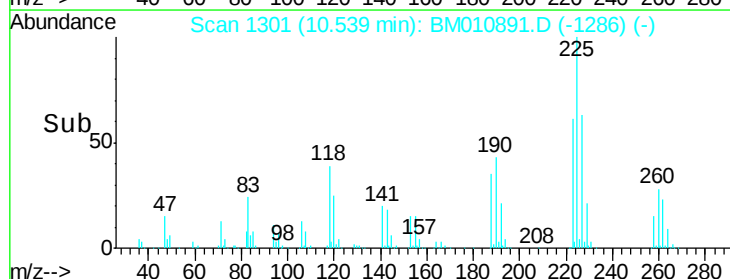
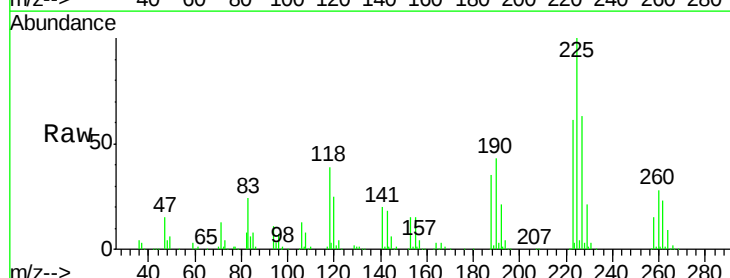
Instrument :
BNA_M
ClientSampleId :
PB100757BS

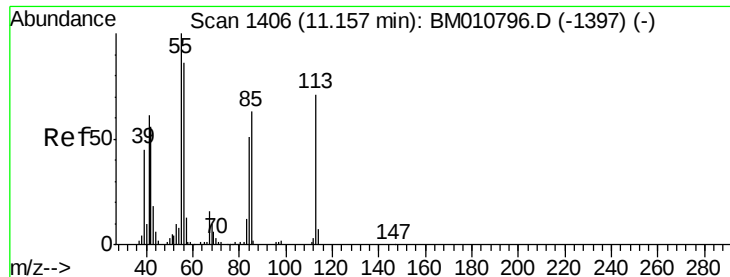
Tgt Ion:127 Resp: 236866
Ion Ratio Lower Upper
127 100
129 33.2 25.3 37.9
65 51.4 17.6 26.4#
92 25.3 13.1 19.7#



#34
Hexachlorobutadiene
Concen: 32.345 ng
RT: 10.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Tgt Ion:225 Resp: 494083
Ion Ratio Lower Upper
225 100
223 61.1 47.9 71.9
227 63.3 50.1 75.1





#35

Caprolactam

Concen: 30.893 ng

RT: 11.16 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

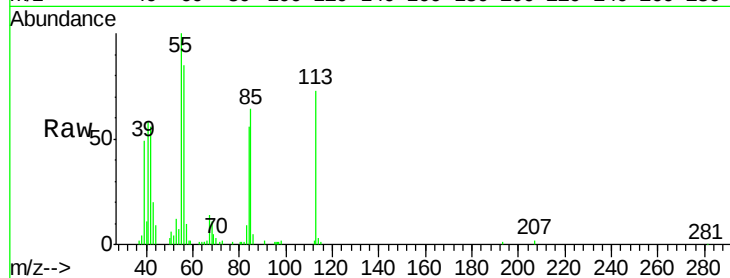
Tgt Ion:113 Resp: 132444

Ion Ratio Lower Upper

113 100

55 136.2 145.9 185.9#

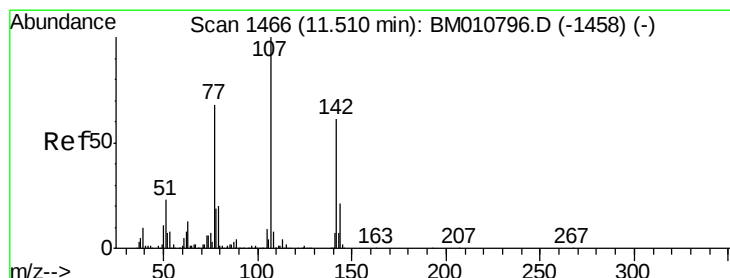
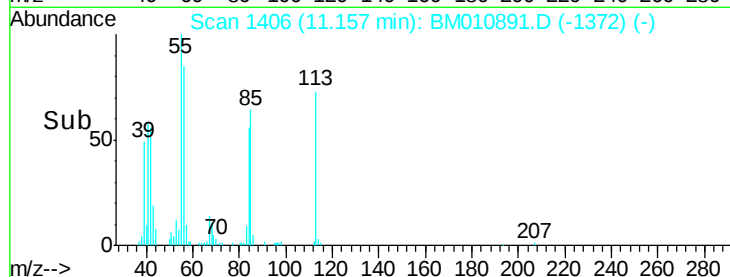
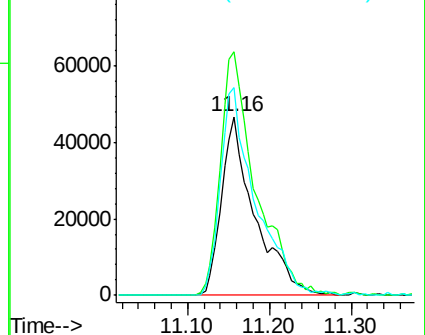
56 116.1 101.0 141.0



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: 30.098 ng

RT: 11.51 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

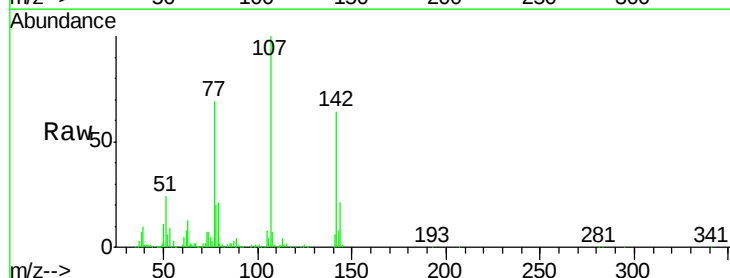
Tgt Ion:107 Resp: 586267

Ion Ratio Lower Upper

107 100

144 20.8 23.3 34.9#

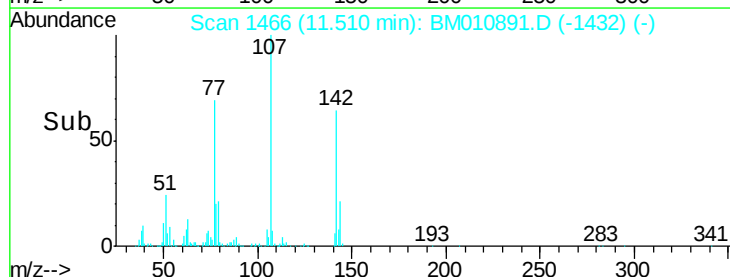
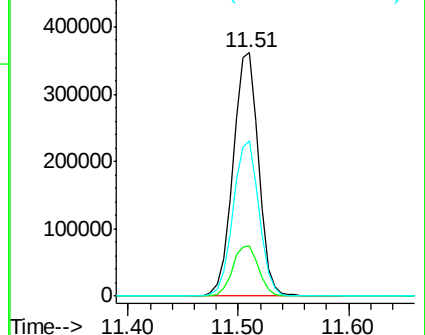
142 64.0 72.6 109.0#

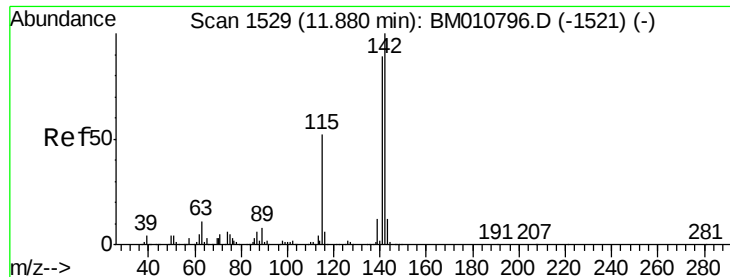


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

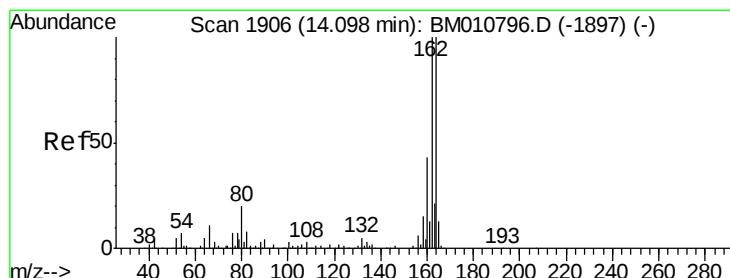
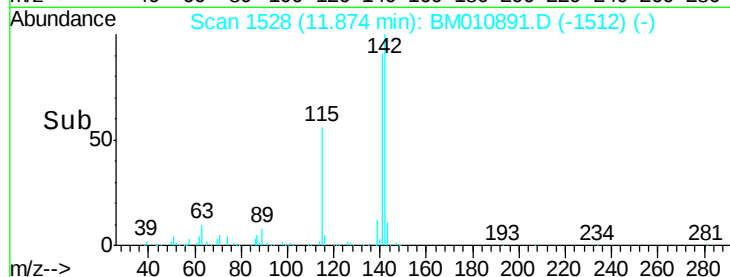
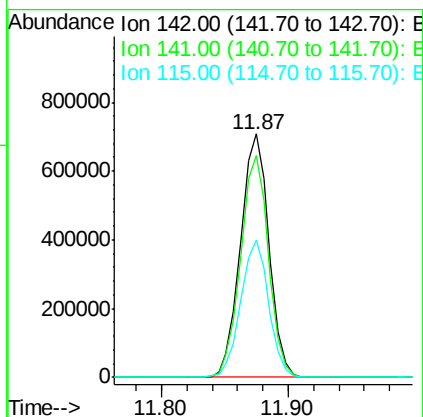
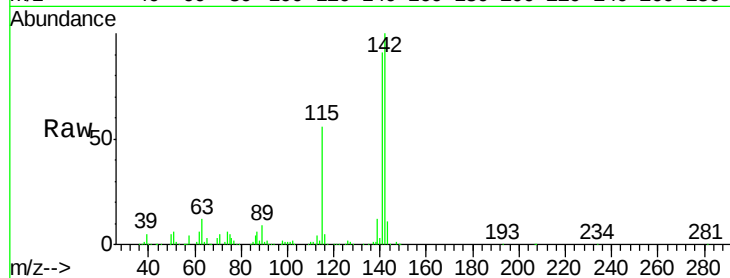




#37
2-Methylnaphthalene
Concen: 33.522 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

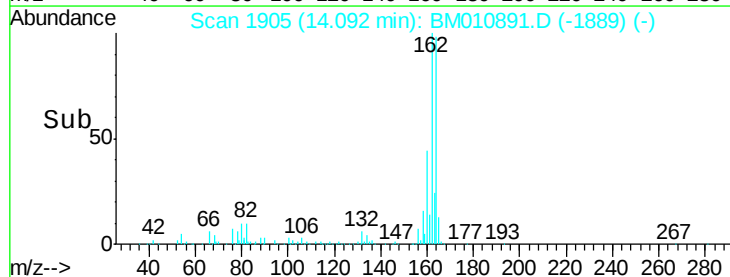
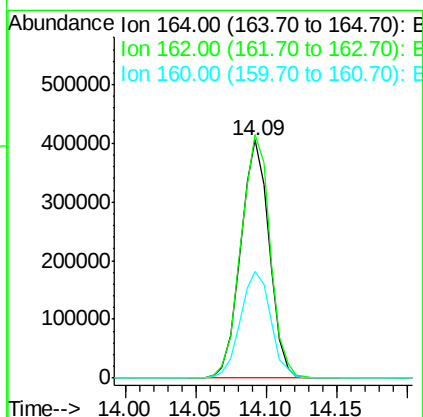
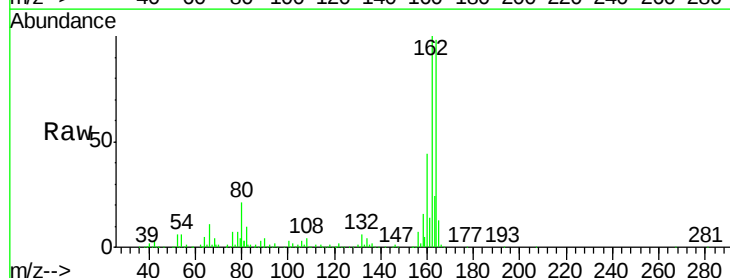
Instrument :
BNA_M
ClientSampleId :
PB100757BS

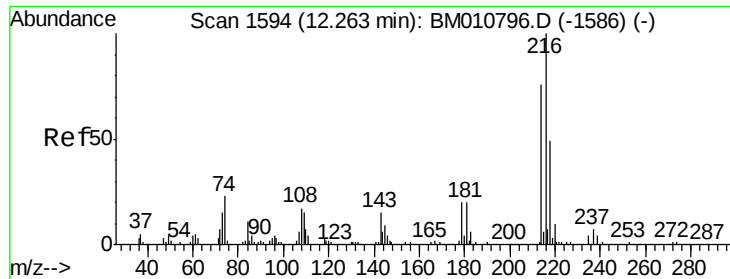
Tgt Ion:142 Resp: 1102155
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9
115 56.2 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Tgt Ion:164 Resp: 573449
Ion Ratio Lower Upper
164 100
162 102.2 82.4 123.6
160 44.7 35.8 53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.001 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

Tgt Ion:216 Resp: 799905

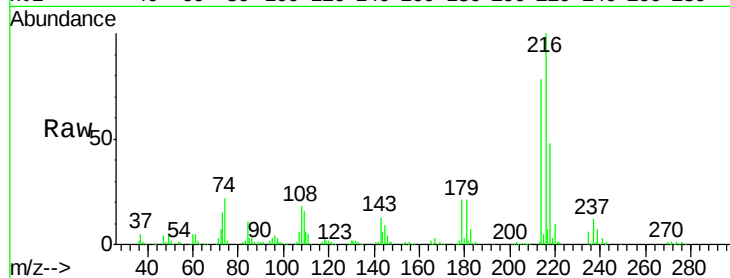
Ion Ratio Lower Upper

216 100

214 77.1 0.0 0.0#

179 20.9 0.0 0.0#

108 25.2 0.0 0.0#

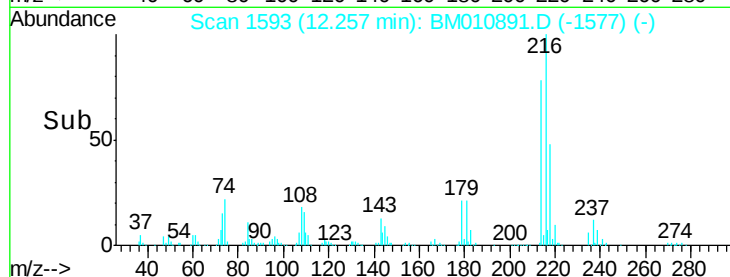


Abundance Ion 216.00 (215.70 to 216.70): E

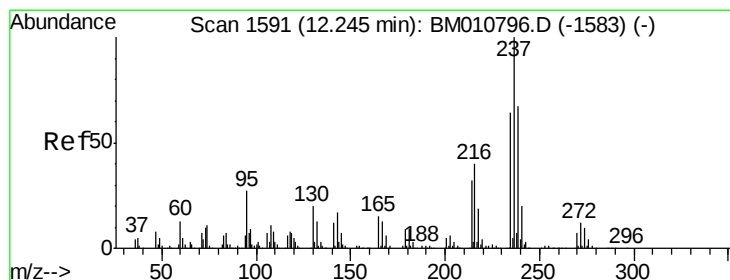
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 87.903 ng

RT: 12.23 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

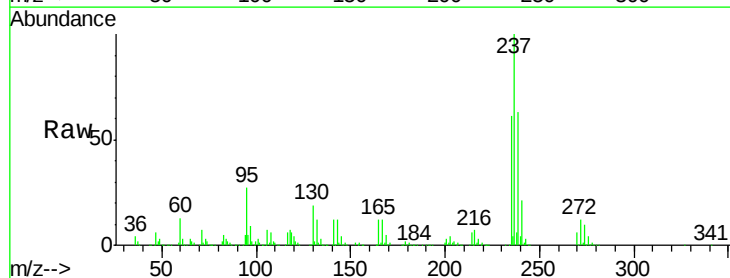
Tgt Ion:237 Resp: 1259574

Ion Ratio Lower Upper

237 100

235 61.2 42.0 82.0

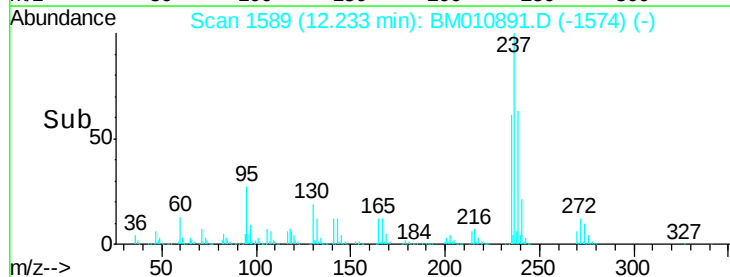
272 12.1 0.0 33.4



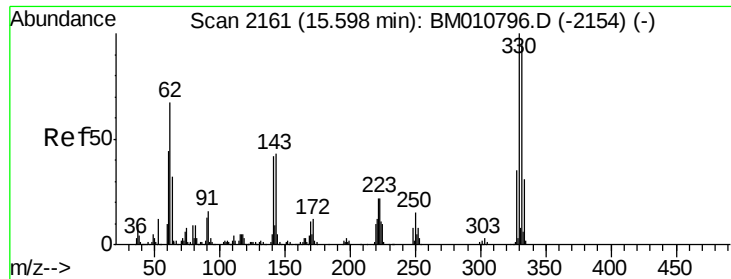
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



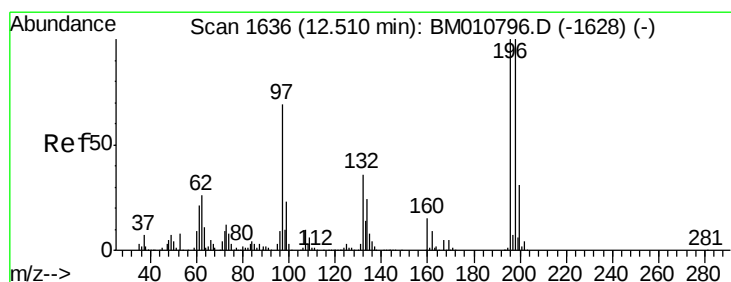
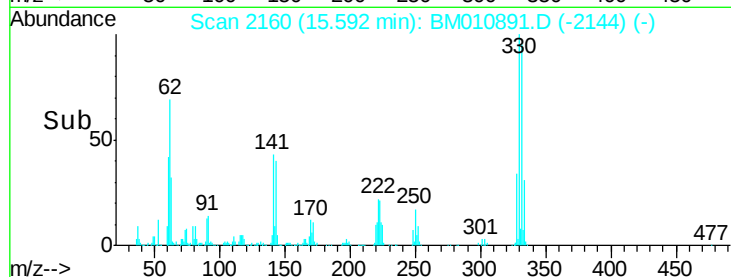
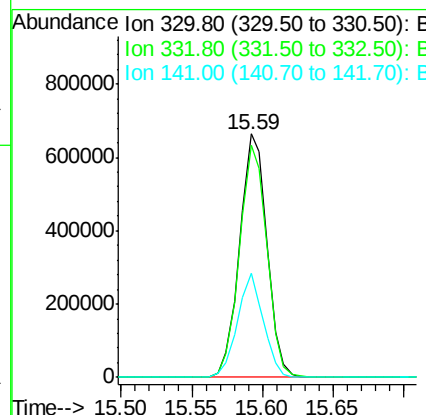
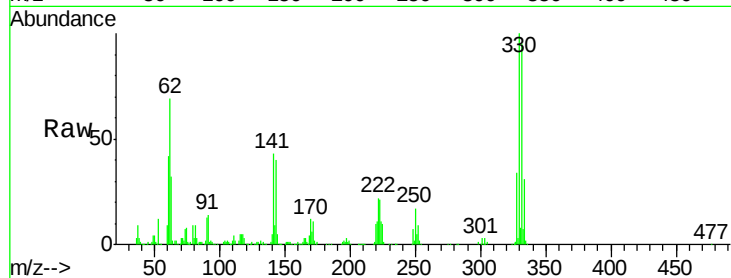
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 102.245 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

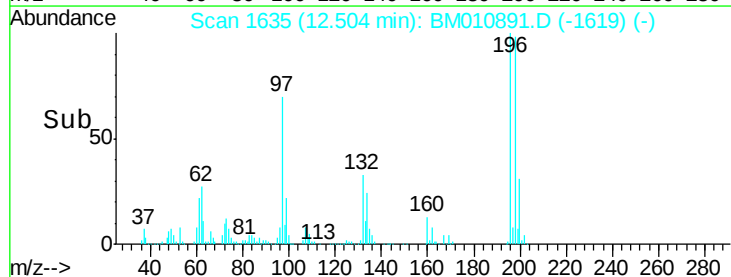
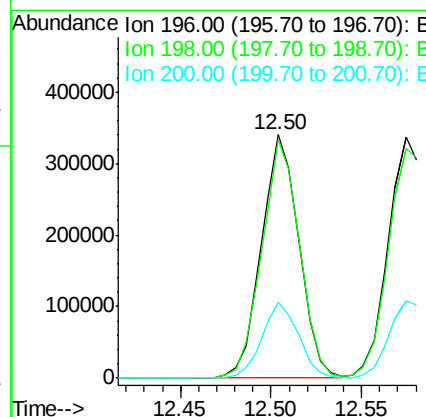
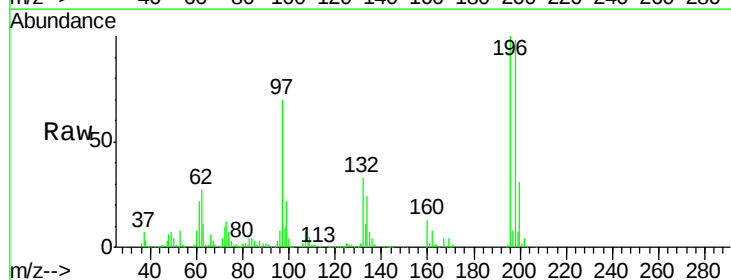
Instrument :
 BNA_M
 ClientSampleId :
 PB100757BS

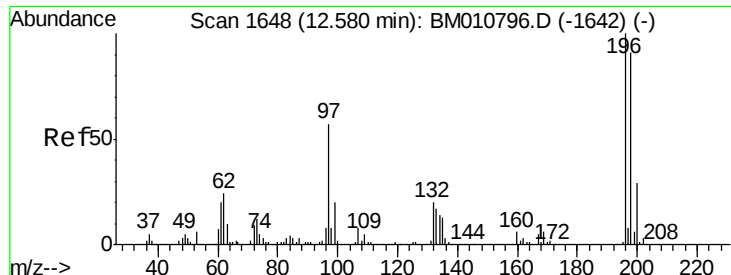
Tgt Ion:330 Resp: 896011
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 40.6 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 31.839 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

Tgt Ion:196 Resp: 490051
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.3 114.5
 200 31.3 25.6 38.4

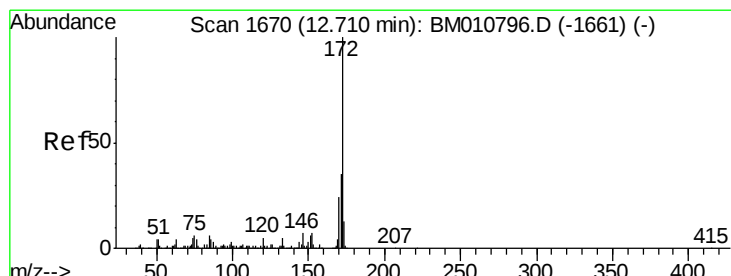
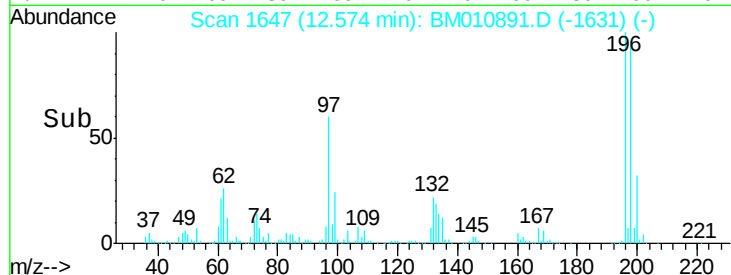
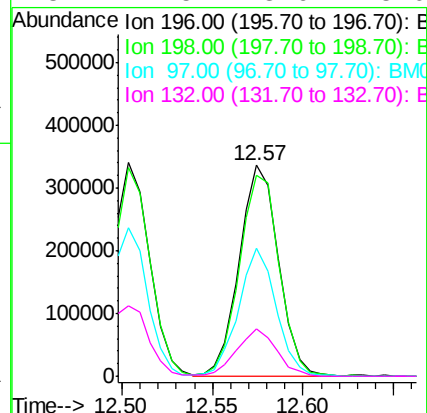
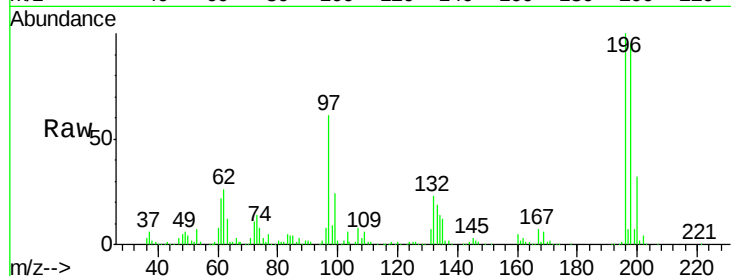




#43
 2,4,5-Trichlorophenol
 Concen: 33.135 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

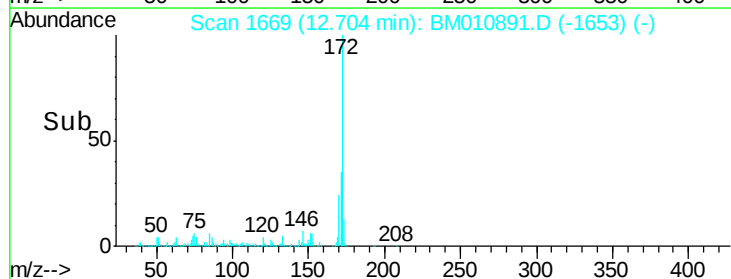
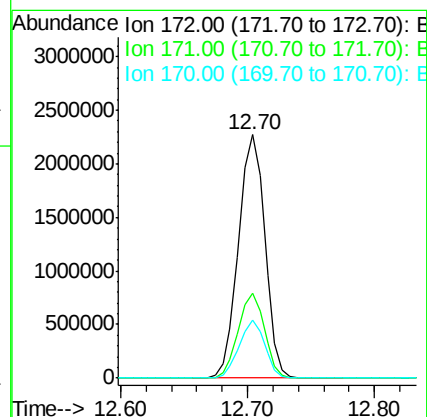
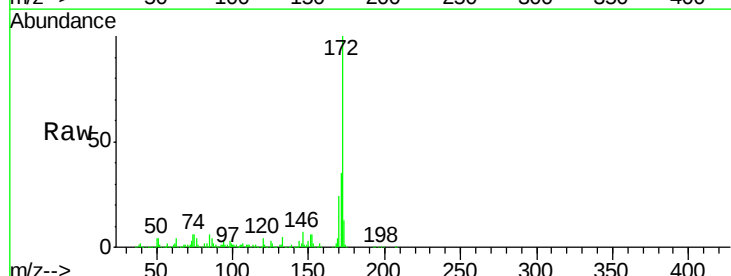
Instrument :
 BNA_M
 ClientSampleId :
 PB100757BS

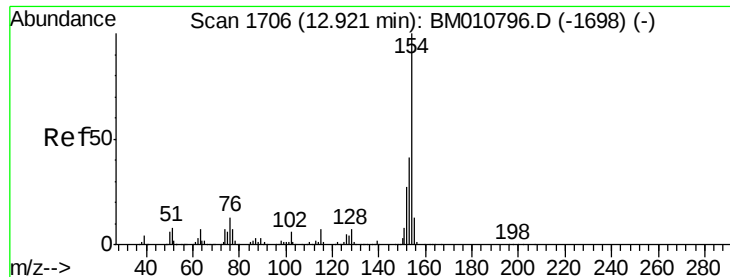
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	79.4	119.0
97	60.8	26.8	40.2
132	22.5	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 70.864 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.8	18.8	28.2

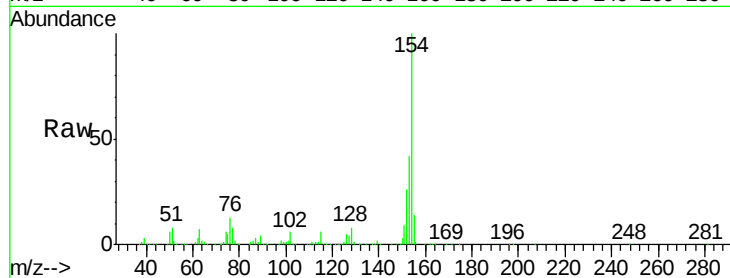




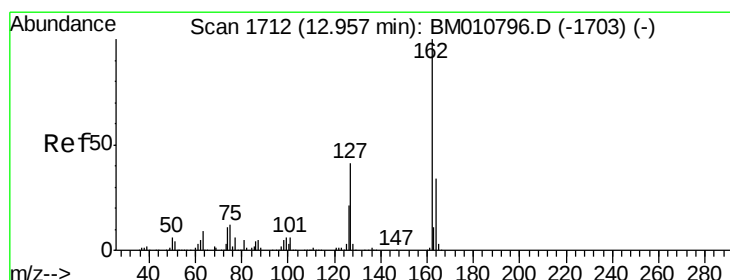
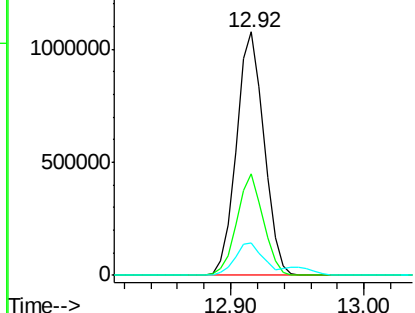
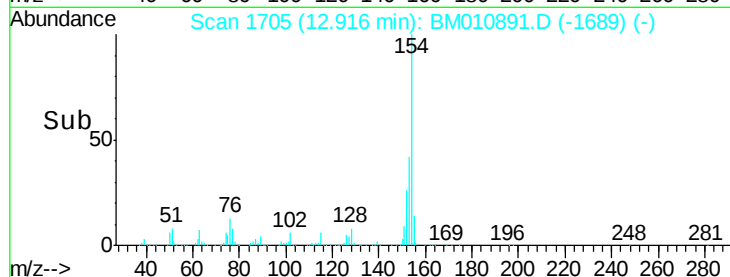
#45
 1,1'-Biphenyl
 Concen: 30.764 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

Instrument :
 BNA_M
 ClientSampleId :
 PB100757BS

Tgt Ion:154 Resp: 1536922
 Ion Ratio Lower Upper
 154 100
 153 42.0 20.7 60.7
 76 13.1 0.0 30.9

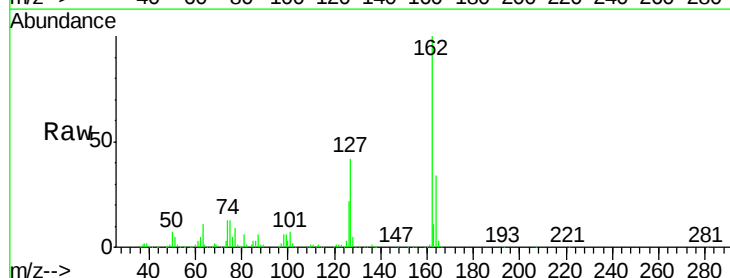


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

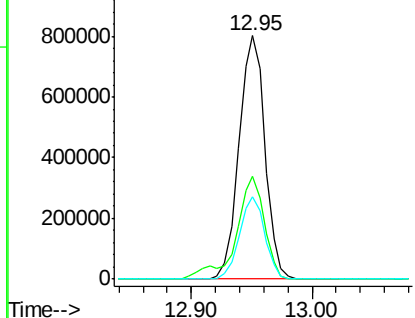
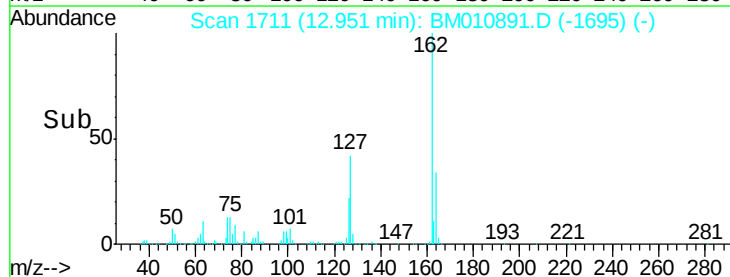


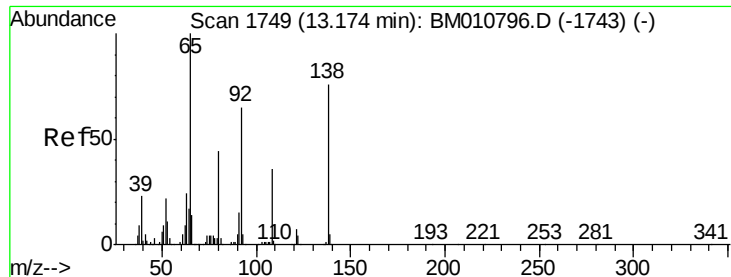
#46
 2-Chloronaphthalene
 Concen: 32.695 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

Tgt Ion:162 Resp: 1197666
 Ion Ratio Lower Upper
 162 100
 127 42.3 26.9 40.3#
 164 34.0 26.8 40.2



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





#47

2-Nitroaniline

Concen: 34.096 ng

RT: 13.17 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

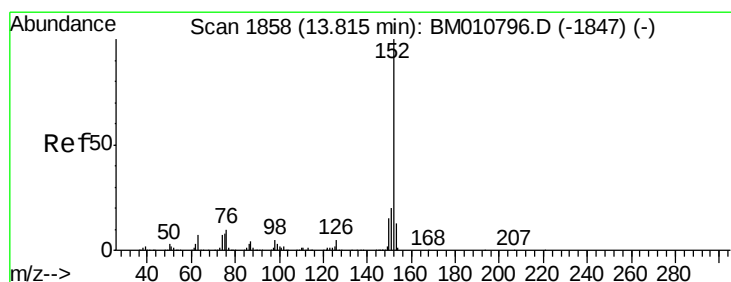
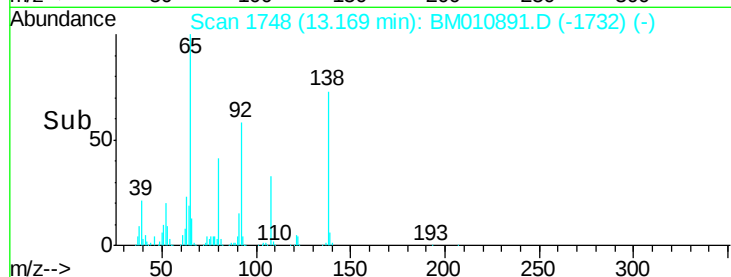
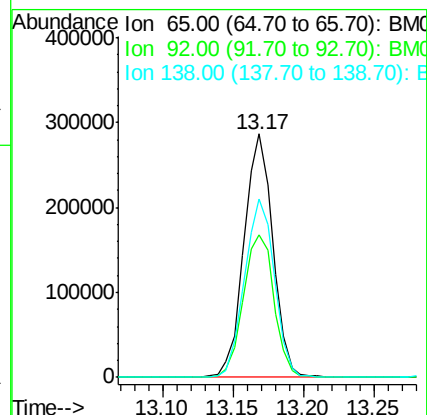
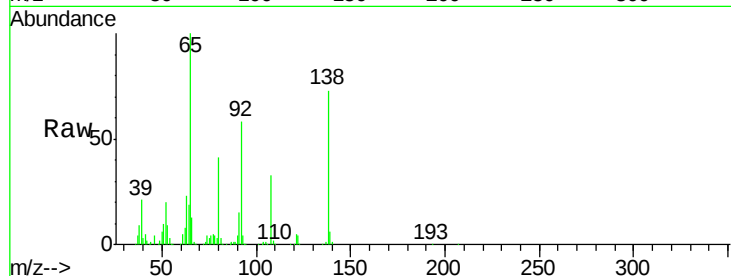
Tgt Ion: 65 Resp: 410583

Ion Ratio Lower Upper

65 100

92 58.5 59.1 88.7#

138 73.3 93.9 140.9#



#48

Acenaphthylene

Concen: 32.871 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

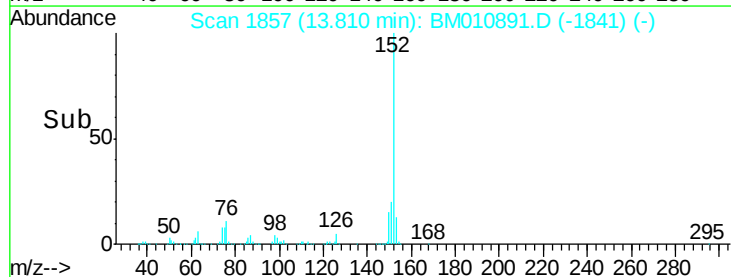
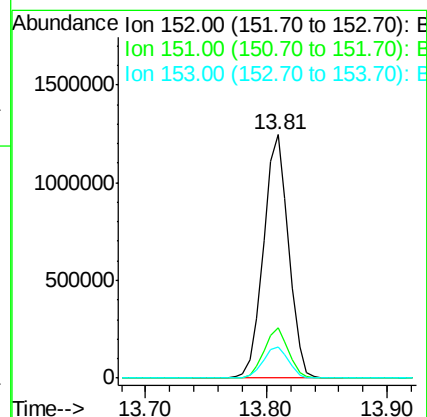
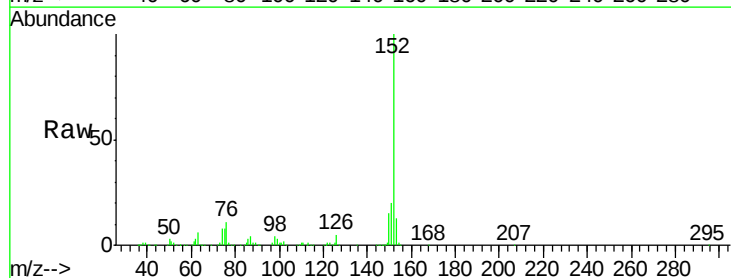
Tgt Ion: 152 Resp: 1790936

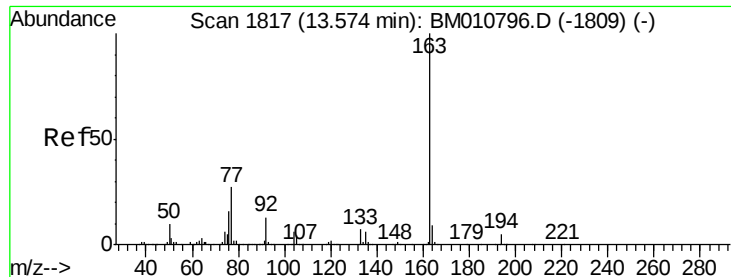
Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 12.6 10.6 16.0





#49

Dimethylphthalate

Concen: 30.774 ng

RT: 13.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

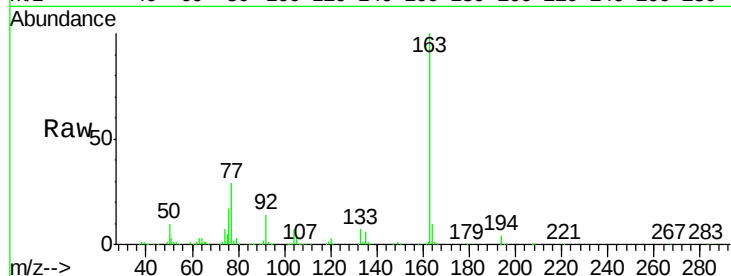
Tgt Ion:163 Resp: 1501309

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

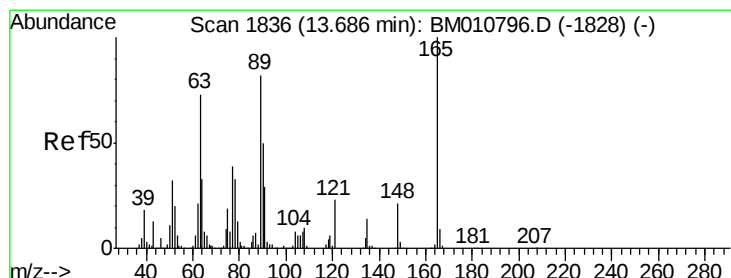
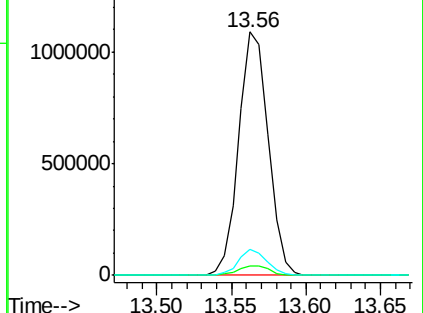
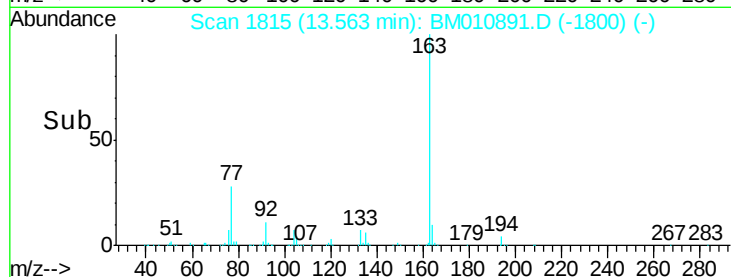
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.559 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

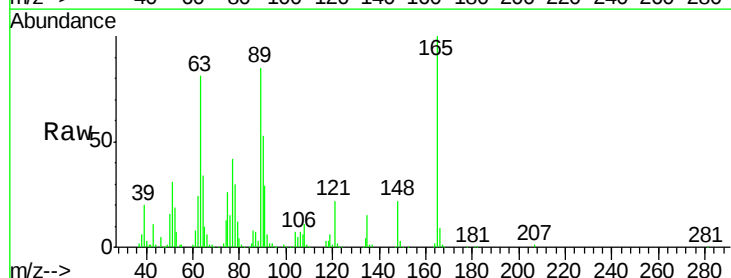
Tgt Ion:165 Resp: 311562

Ion Ratio Lower Upper

165 100

63 80.5 44.1 66.1#

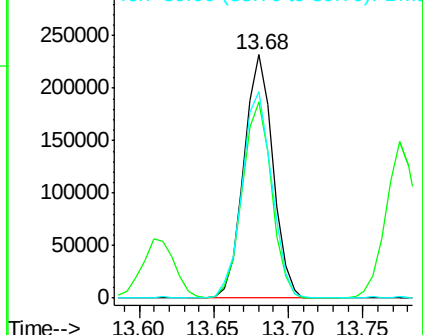
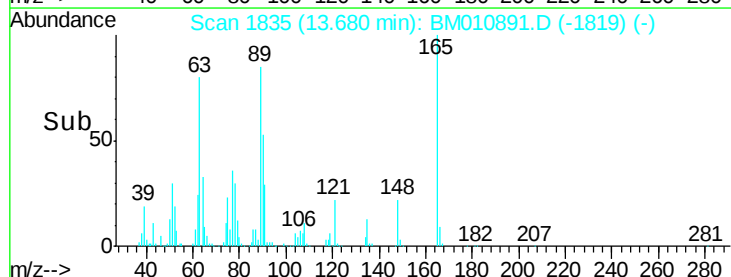
89 84.6 44.3 66.5#

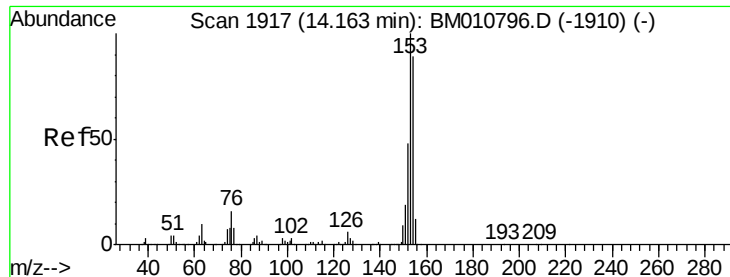


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 32.852 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

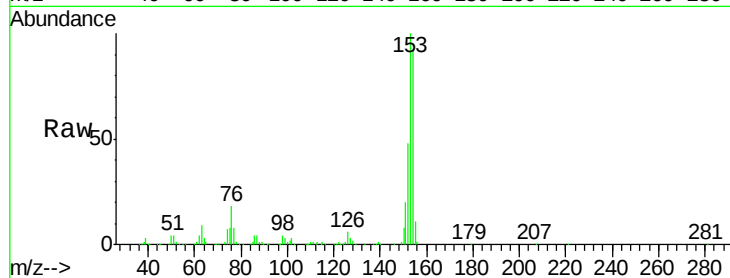
Tgt Ion:154 Resp: 1093707

Ion Ratio Lower Upper

154 100

153 109.0 90.0 135.0

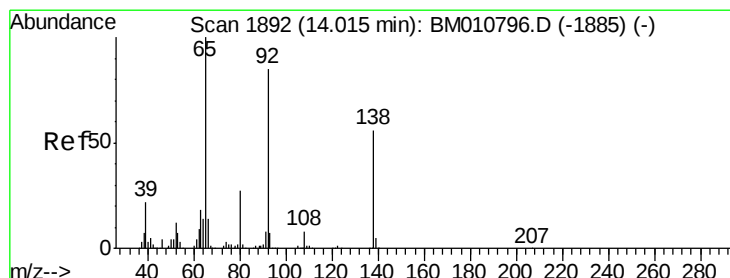
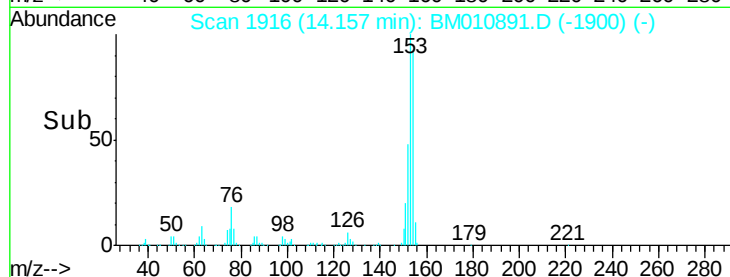
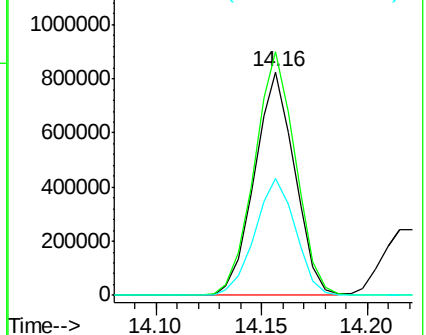
152 52.3 42.6 63.8



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: 25.204 ng

RT: 14.01 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

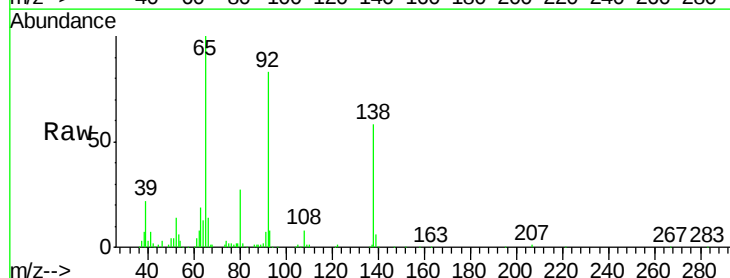
Tgt Ion:138 Resp: 219248

Ion Ratio Lower Upper

138 100

108 13.2 7.3 10.9#

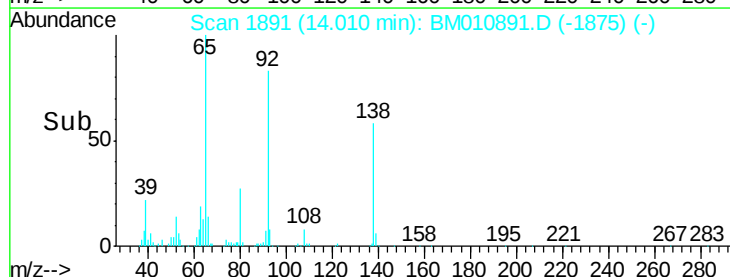
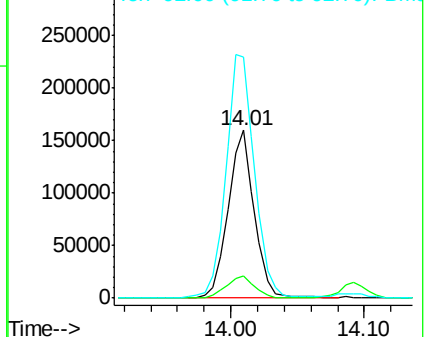
92 143.3 76.6 114.8#



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

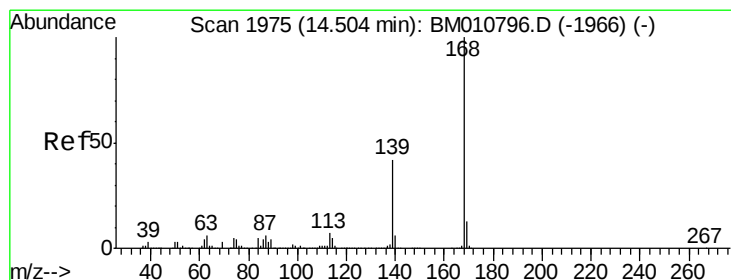
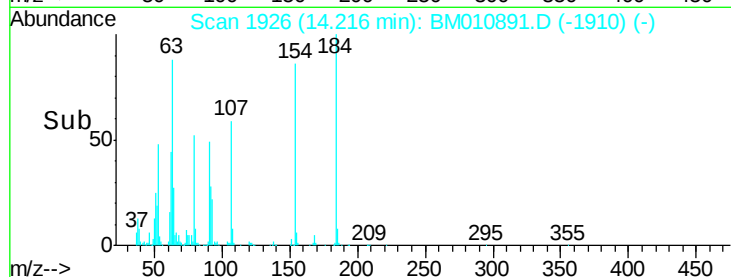
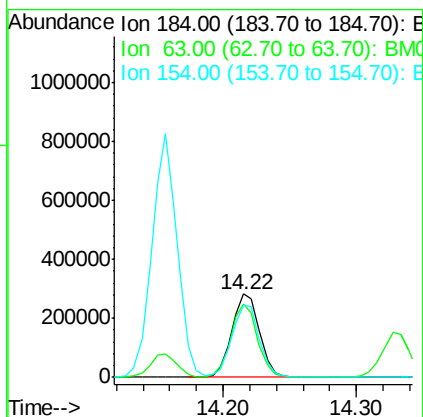
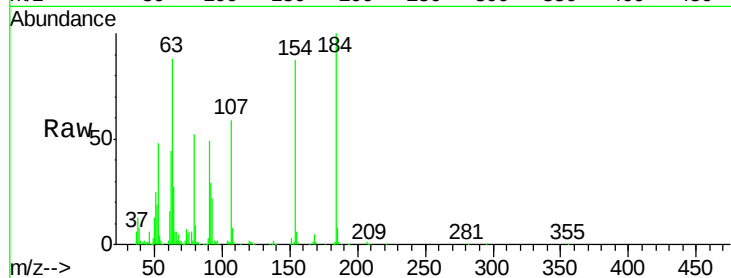




#53
2,4-Dinitrophenol
Concen: 62.062 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

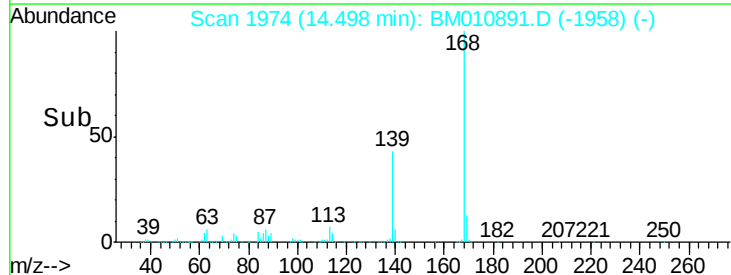
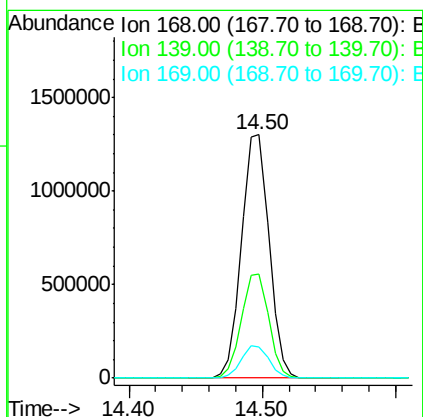
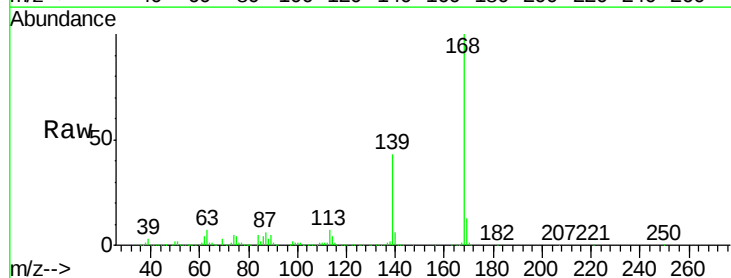
Instrument :
BNA_M
ClientSampleId :
PB100757BS

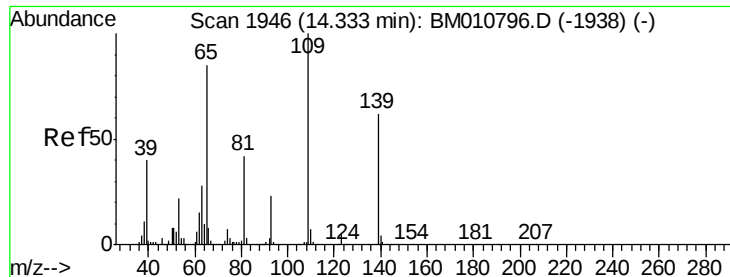
Tgt Ion:184 Resp: 410536
Ion Ratio Lower Upper
184 100
63 88.4 69.2 103.8
154 86.6 53.3 79.9#



#54
Dibenzofuran
Concen: 34.490 ng
RT: 14.50 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Tgt Ion:168 Resp: 1857349
Ion Ratio Lower Upper
168 100
139 42.7 27.3 40.9#
169 12.7 10.6 16.0

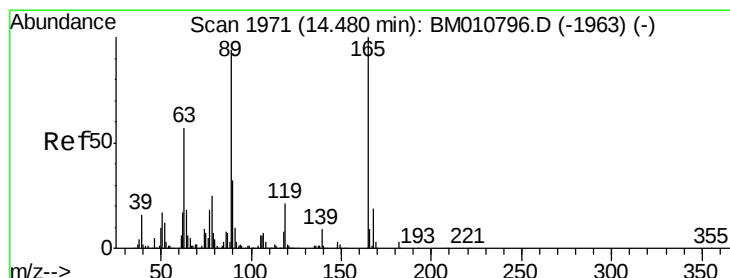
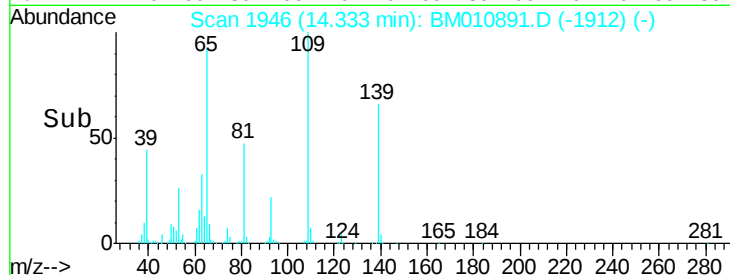
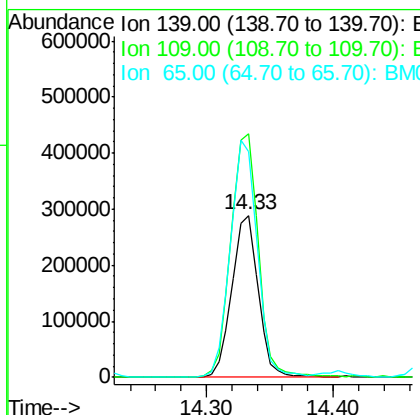
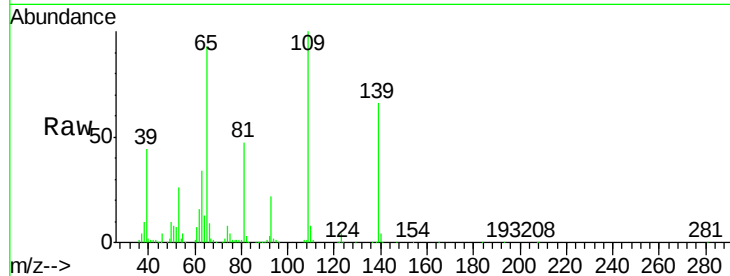




#55
4-Nitrophenol
Concen: 55.178 ng
RT: 14.33 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

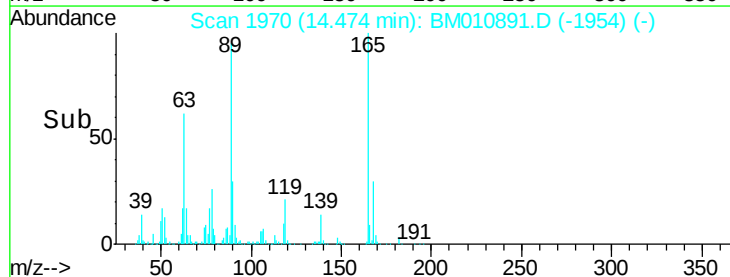
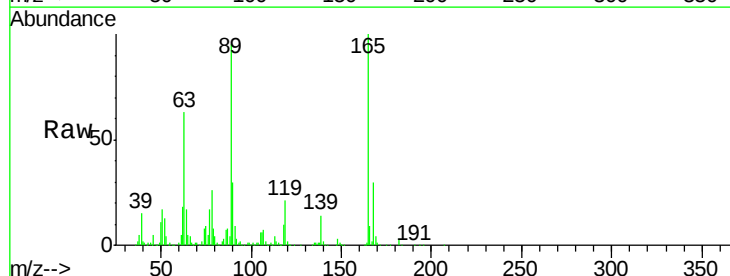
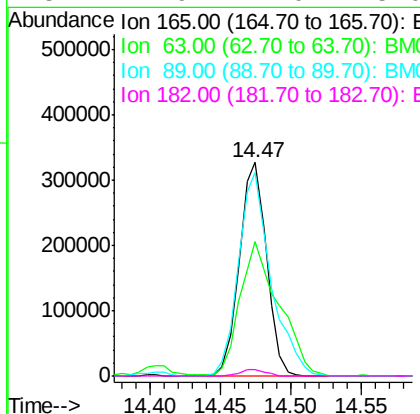
Instrument :
BNA_M
ClientSampleId :
PB100757BS

Tgt Ion:139 Resp: 416879
Ion Ratio Lower Upper
139 100
109 150.4 37.7 77.7#
65 139.6 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 33.016 ng
RT: 14.47 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Tgt Ion:165 Resp: 438396
Ion Ratio Lower Upper
165 100
63 63.1 52.4 78.6
89 95.0 72.4 108.6
182 2.9 2.0 3.0





#57

Fluorene

Concen: 32.287 ng

RT: 15.15 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

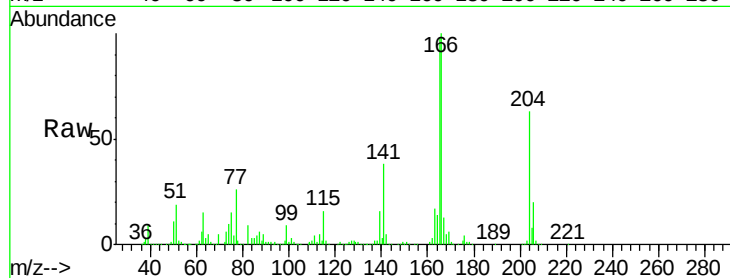
Tgt Ion:166 Resp: 1494696

Ion Ratio Lower Upper

166 100

165 97.9 79.0 118.4

167 13.4 10.3 15.5

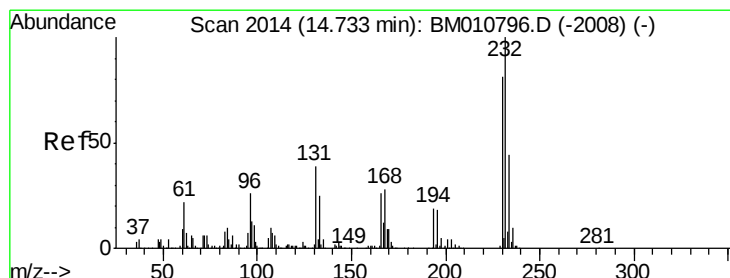
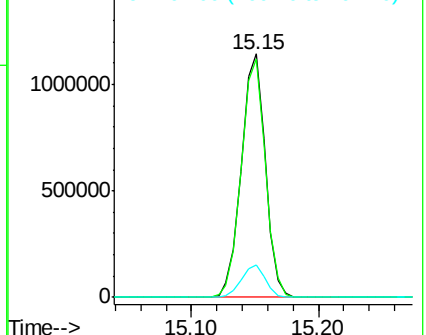
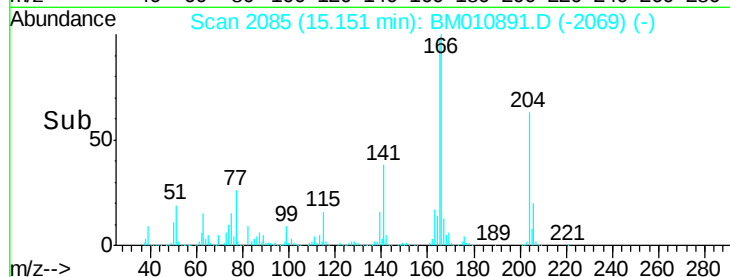


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.770 ng

RT: 14.73 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Tgt Ion:232 Resp: 490930

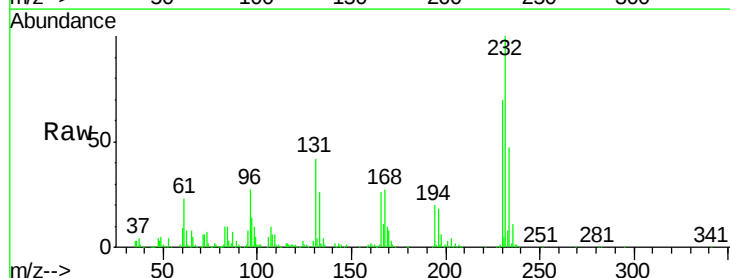
Ion Ratio Lower Upper

232 100

131 40.8 0.0 0.0#

130 3.0 0.0 0.0#

166 27.4 0.0 0.0#



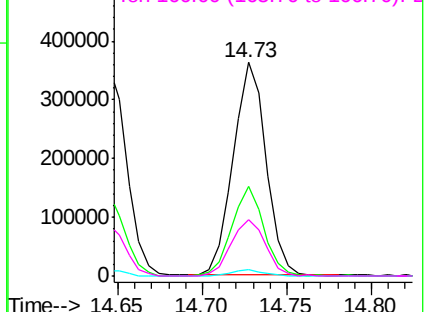
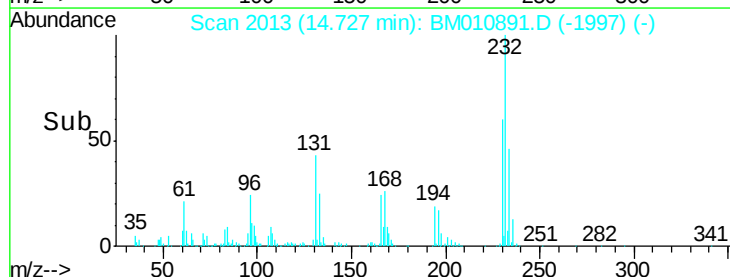
Abundance

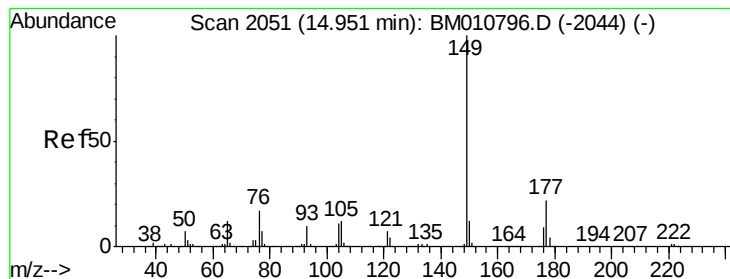
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 31.107 ng

RT: 14.94 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

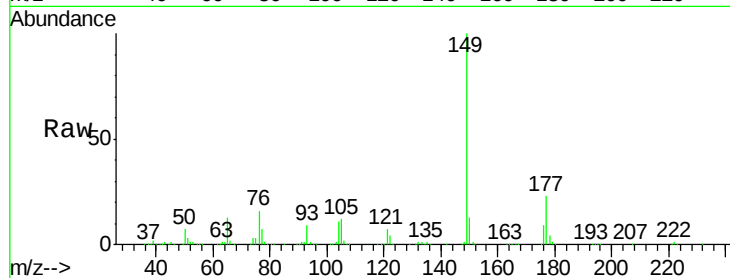
Tgt Ion:149 Resp: 1498735

Ion Ratio Lower Upper

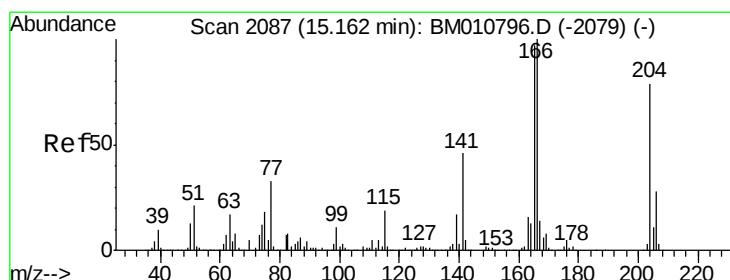
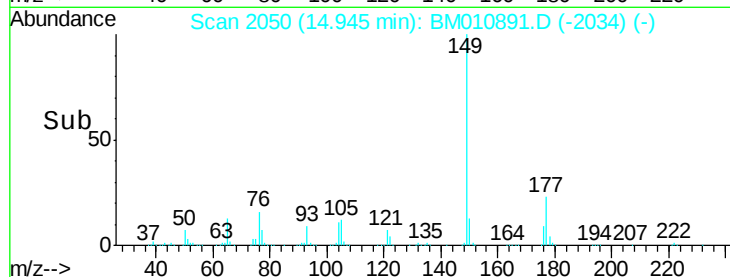
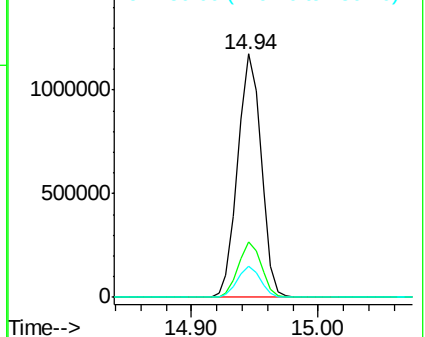
149 100

177 23.0 18.3 27.5

150 12.6 9.8 14.8



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



#60

4-Chlorophenyl-phenylether

Concen: 31.946 ng

RT: 15.15 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

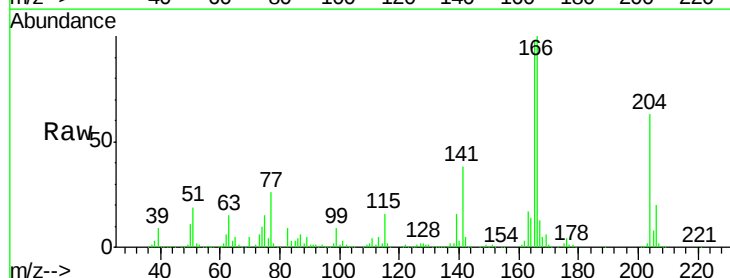
Tgt Ion:204 Resp: 908444

Ion Ratio Lower Upper

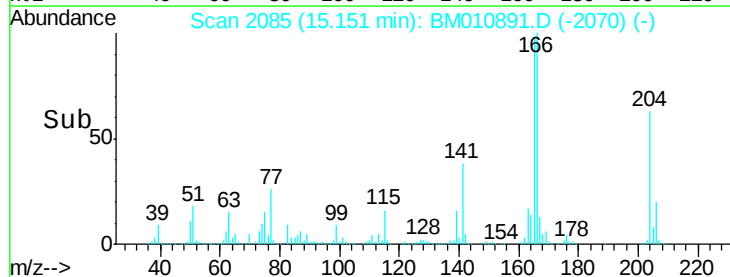
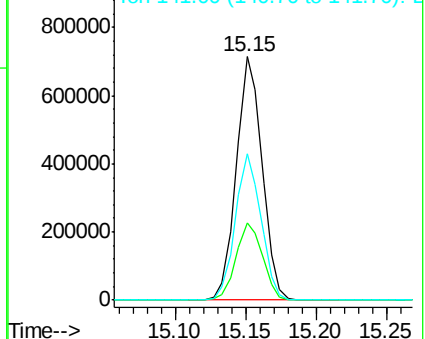
204 100

206 31.9 26.6 39.8

141 60.2 45.2 67.8



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

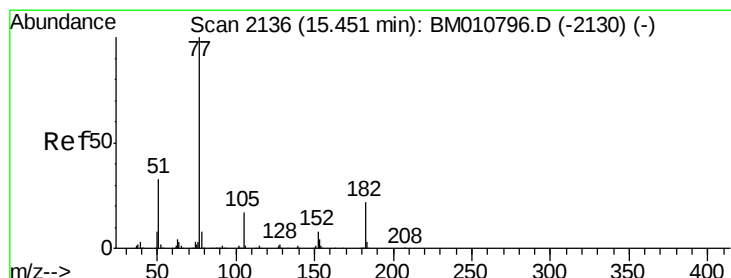
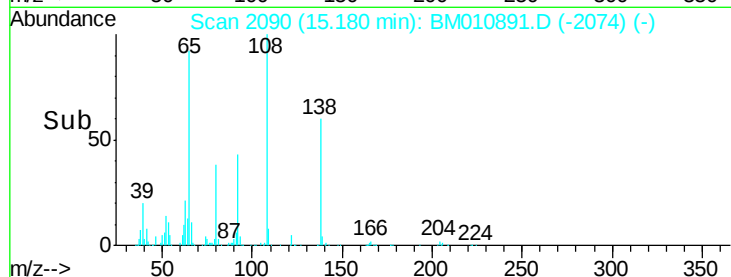
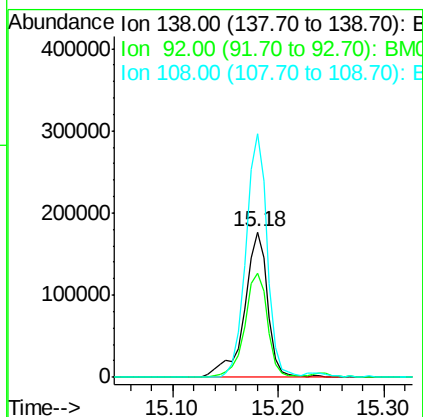
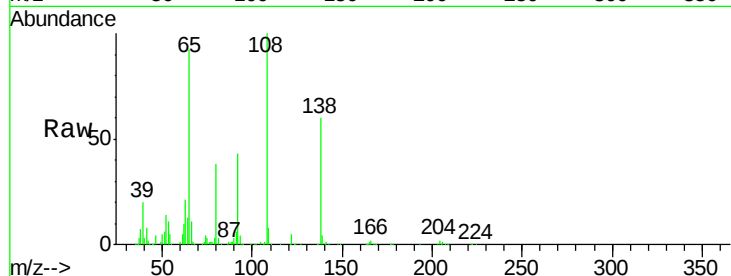




#61
4-Nitroaniline
Concen: 30.064 ng
RT: 15.18 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

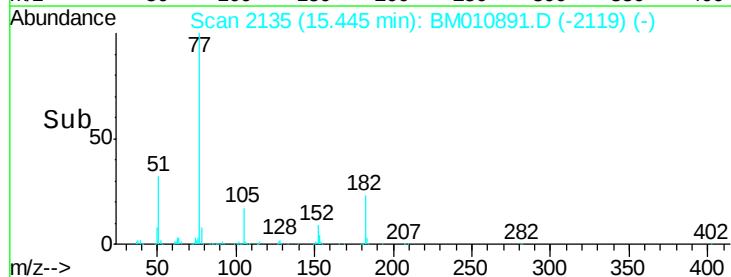
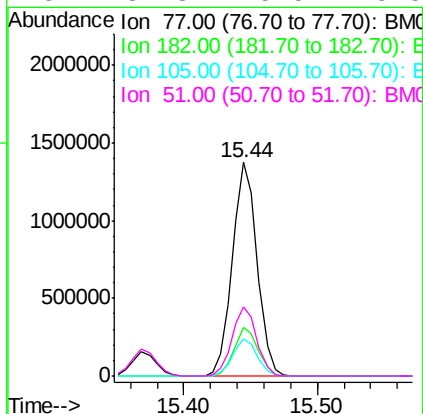
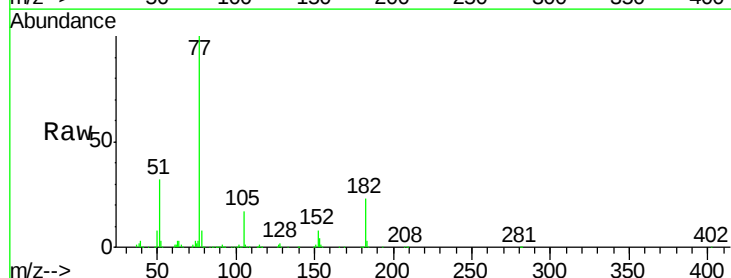
Instrument :
BNA_M
ClientSampleId :
PB100757BS

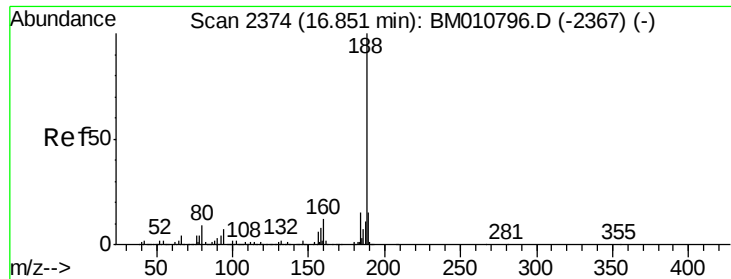
Tgt Ion: 138 Resp: 273356
Ion Ratio Lower Upper
138 100
92 72.0 16.7 56.7#
108 167.5 37.6 77.6#



#62
Azobenzene
Concen: 36.216 ng
RT: 15.44 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Tgt Ion: 77 Resp: 1771863
Ion Ratio Lower Upper
77 100
182 22.7 6.5 46.5
105 17.1 3.8 43.8
51 32.3 5.5 45.5

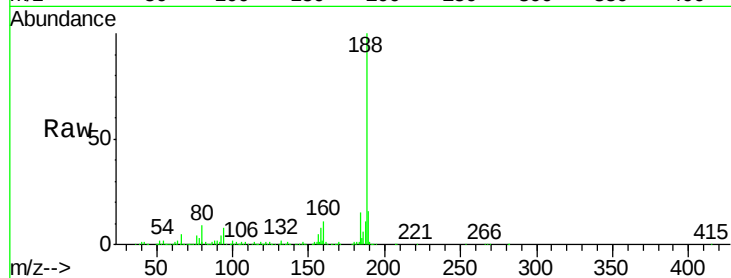




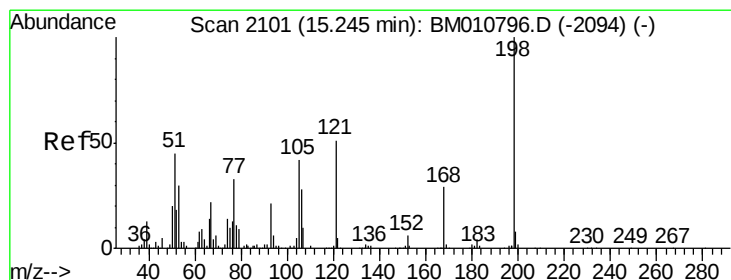
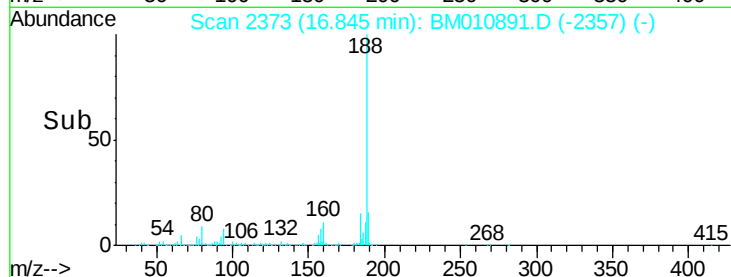
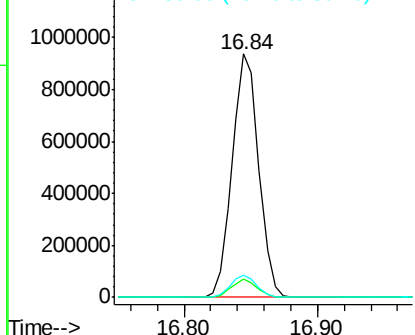
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Instrument :
BNA_M
ClientSampleId :
PB100757BS

Tgt Ion:188 Resp: 1298366
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 9.2 9.3 13.9#

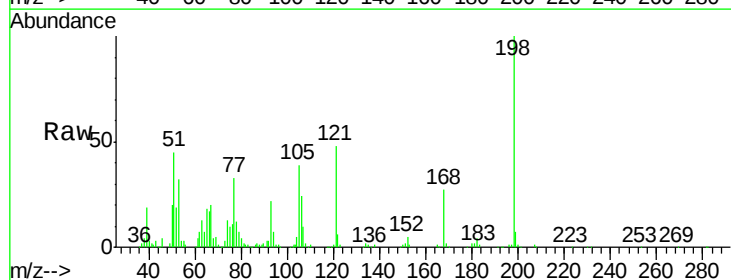


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

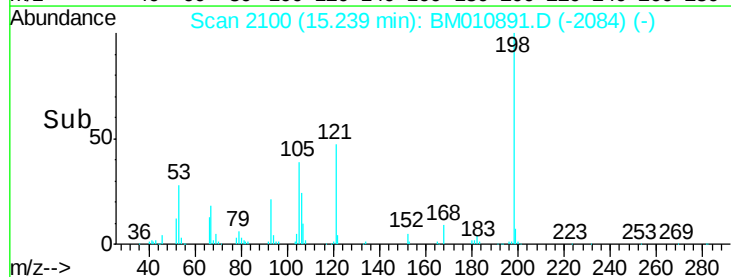
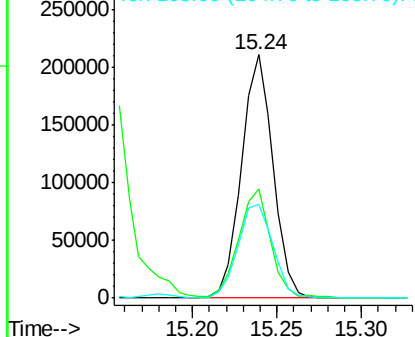


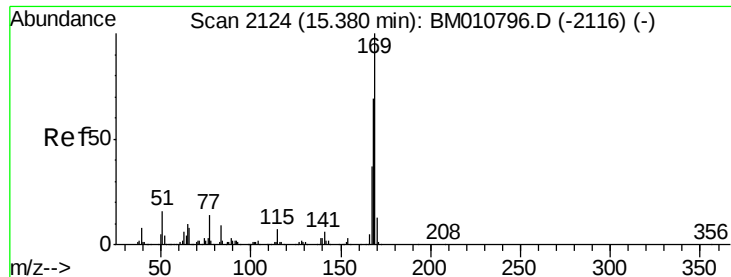
#64
4,6-Dinitro-2-methylphenol
Concen: 32.096 ng
RT: 15.24 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Tgt Ion:198 Resp: 274789
Ion Ratio Lower Upper
198 100
51 44.6 28.8 68.8
105 38.5 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

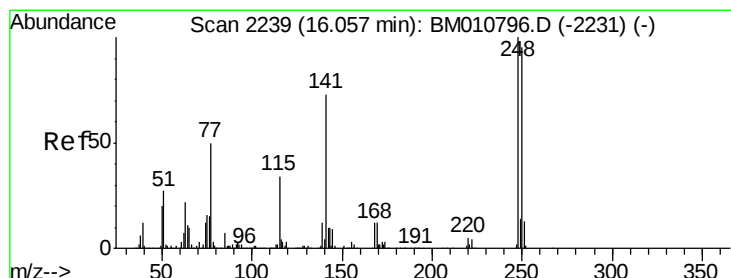
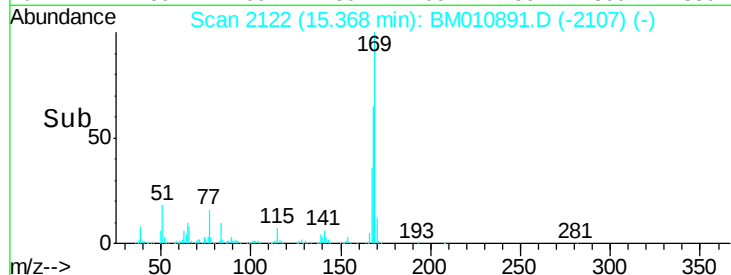
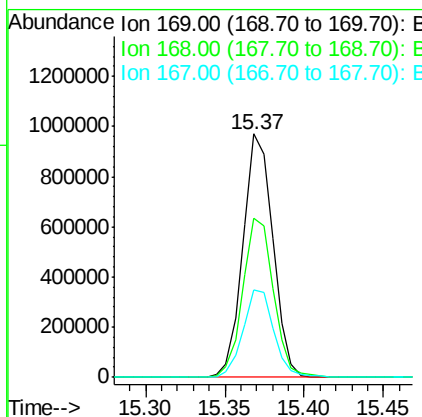
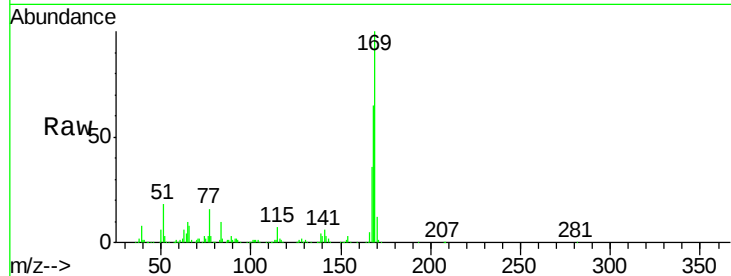




#65
 n-Nitrosodiphenylamine
 Concen: 34.262 ng
 RT: 15.37 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

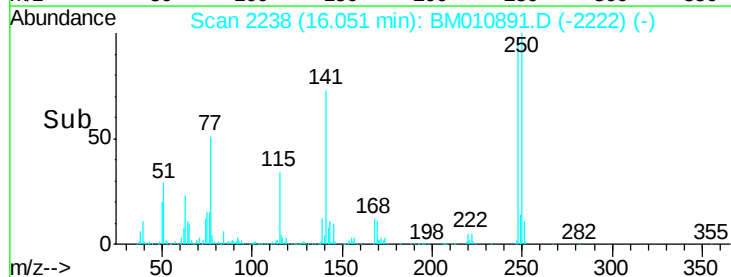
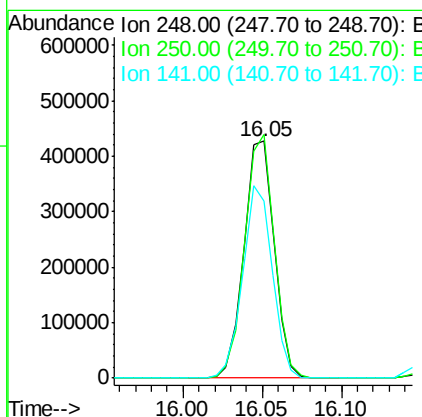
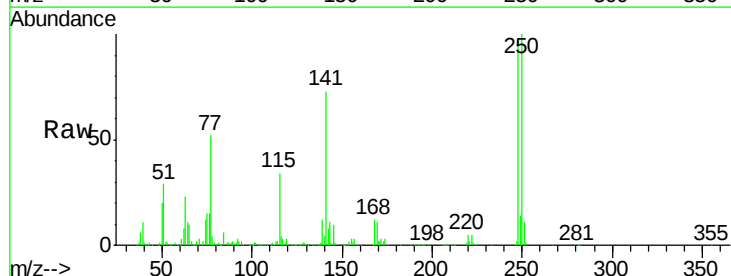
Instrument :
 BNA_M
 ClientSampleId :
 PB100757BS

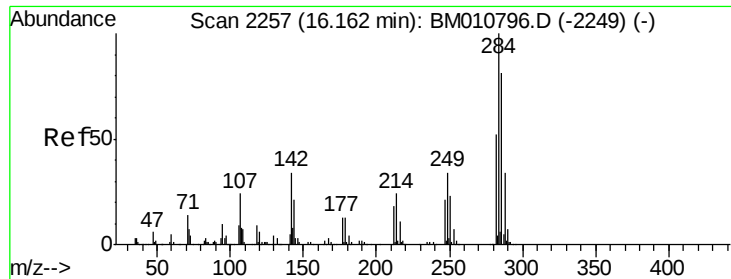
Tgt Ion:169 Resp: 1272887
 Ion Ratio Lower Upper
 169 100
 168 65.2 53.9 80.9
 167 35.9 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 34.577 ng
 RT: 16.05 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

Tgt Ion:248 Resp: 568947
 Ion Ratio Lower Upper
 248 100
 250 102.8 77.4 116.0
 141 74.7 45.2 67.8#

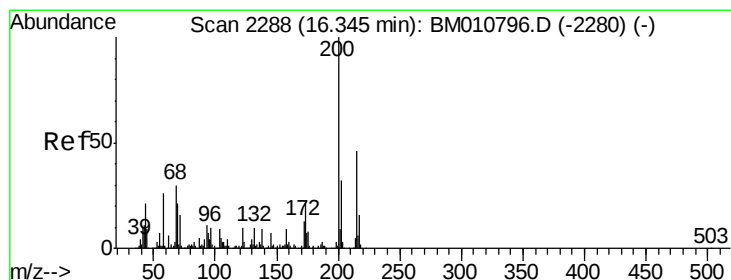
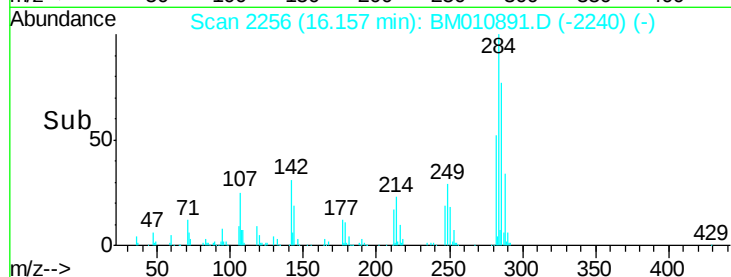
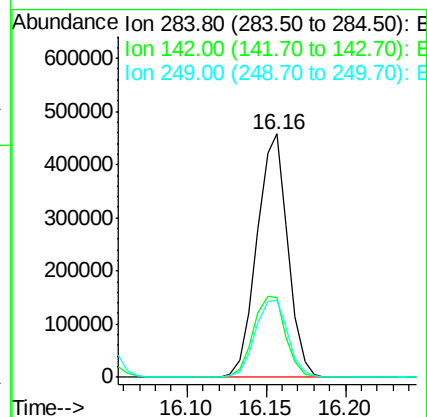
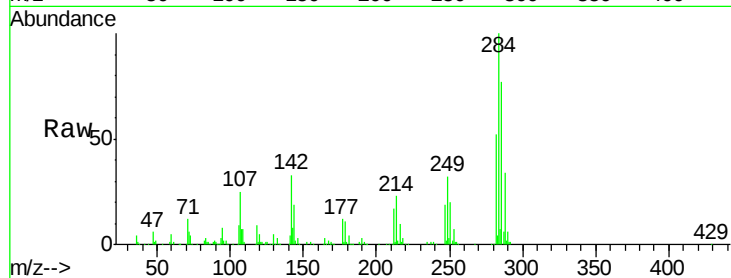




#67
Hexachlorobenzene
Concen: 32.910 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

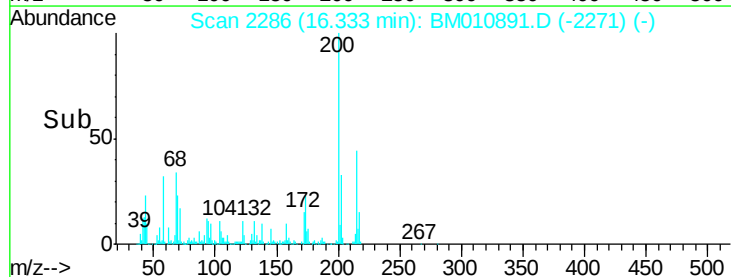
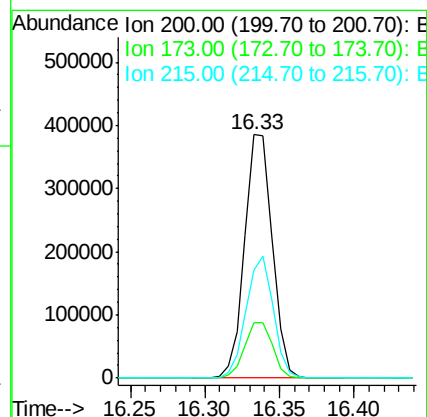
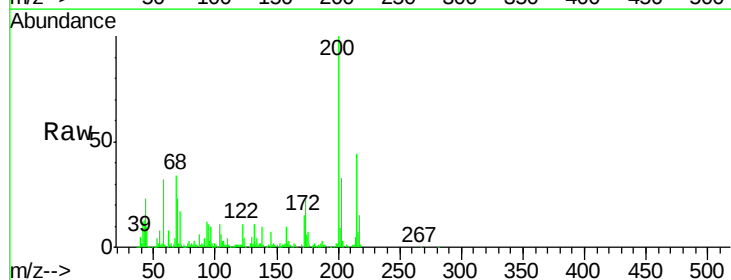
Instrument :
BNA_M
ClientSampleId :
PB100757BS

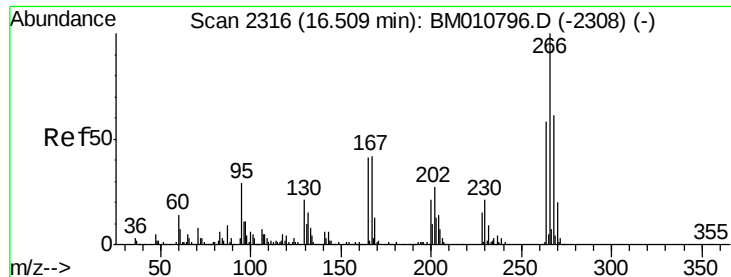
Tgt Ion:284 Resp: 619222
Ion Ratio Lower Upper
284 100
142 32.9 20.4 30.6#
249 31.7 23.8 35.6



#68
Atrazine
Concen: 32.279 ng
RT: 16.33 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Tgt Ion:200 Resp: 496627
Ion Ratio Lower Upper
200 100
173 22.8 4.8 44.8
215 44.5 26.9 66.9





#69

Pentachlorophenol

Concen: 60.794 ng

RT: 16.50 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

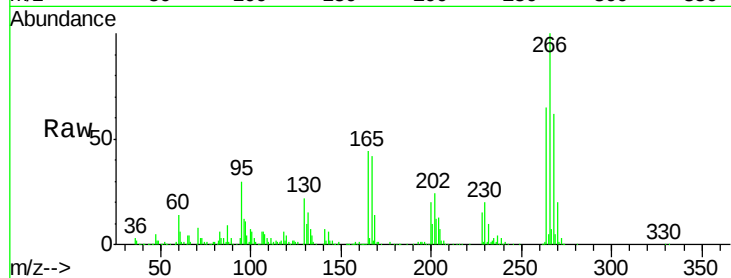
Tgt Ion:266 Resp: 733282

Ion Ratio Lower Upper

266 100

268 61.8 52.0 78.0

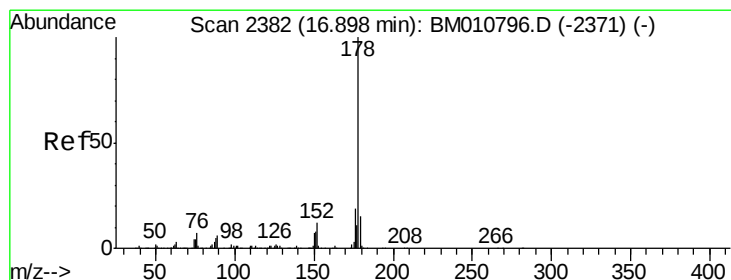
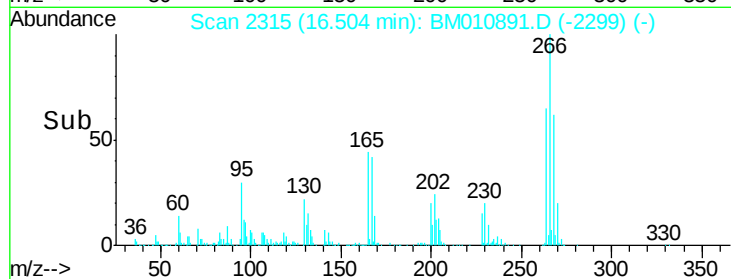
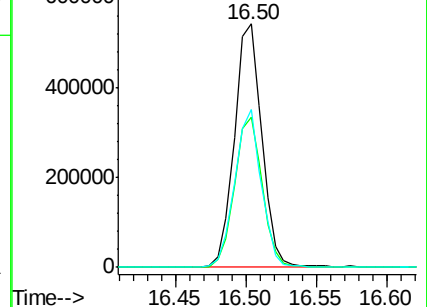
264 65.1 49.0 73.4



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: 34.355 ng

RT: 16.89 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

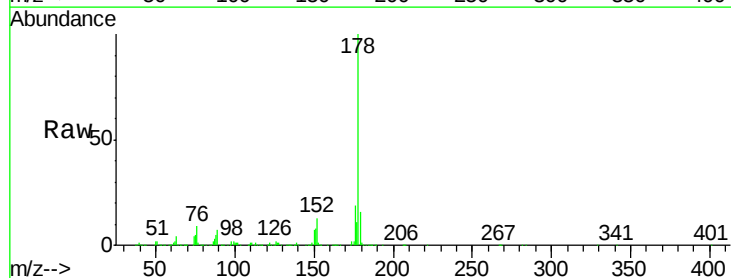
Tgt Ion:178 Resp: 2320514

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

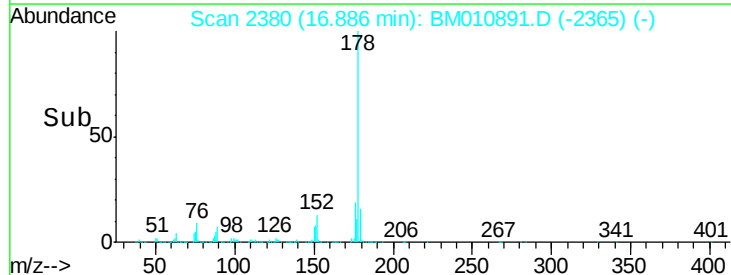
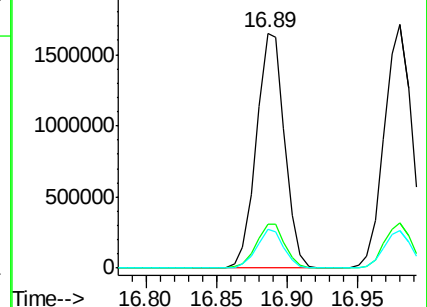
179 16.3 12.1 18.1

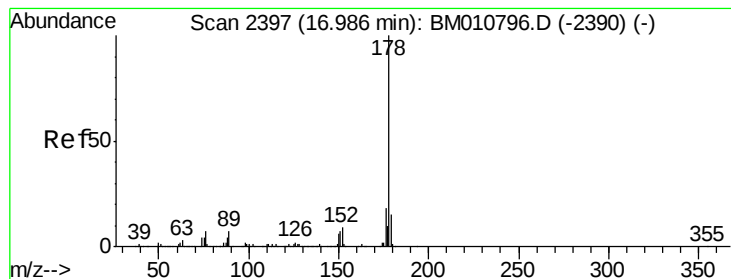


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 34.872 ng

RT: 16.98 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

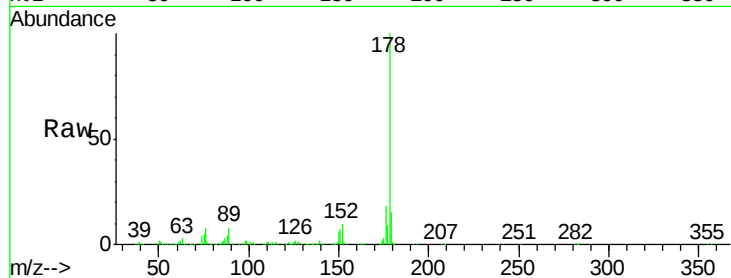
Tgt Ion:178 Resp: 2338081

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

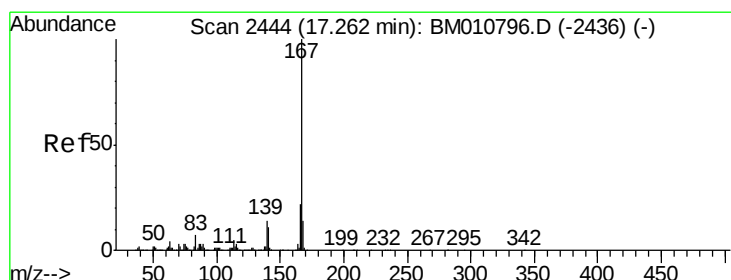
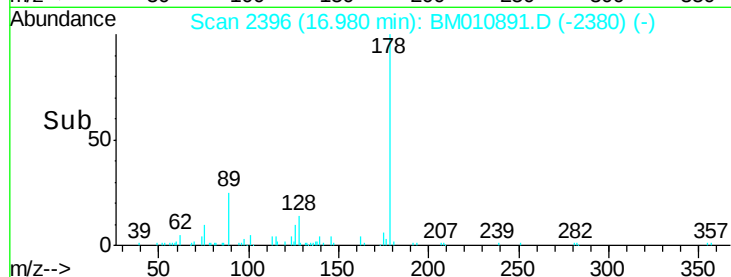
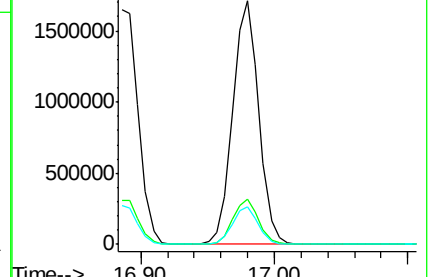
179 15.4 12.6 19.0



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



#72

Carbazole

Concen: 30.900 ng

RT: 17.26 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

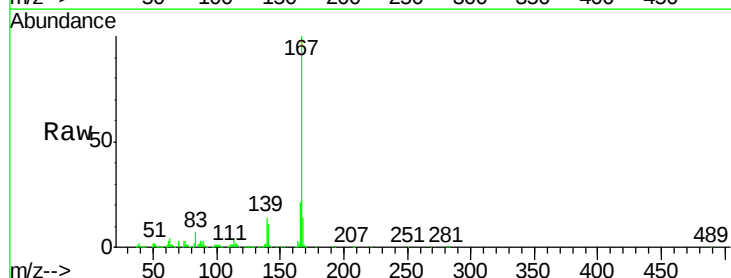
Tgt Ion:167 Resp: 1824649

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

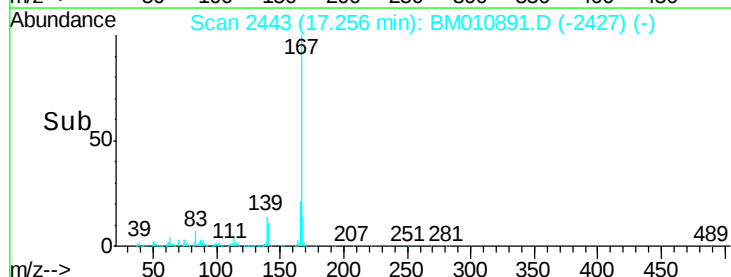
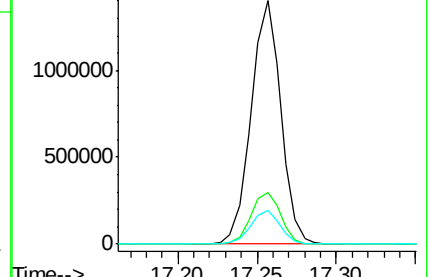
139 13.8 10.8 16.2

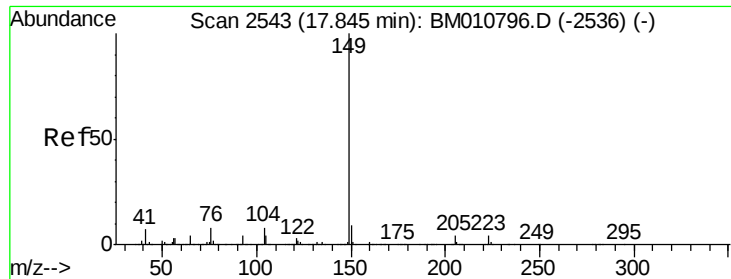


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

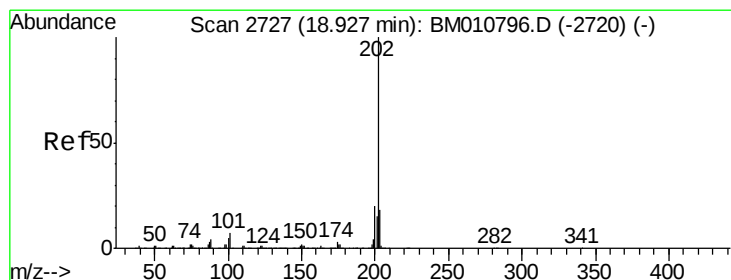
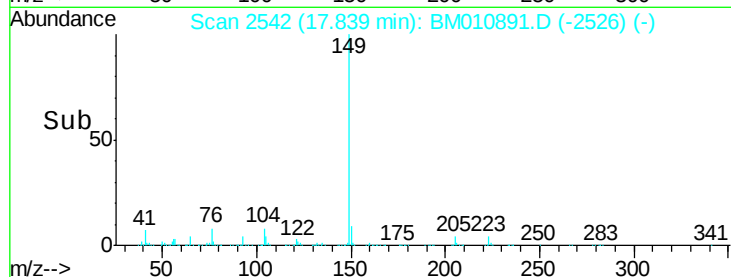
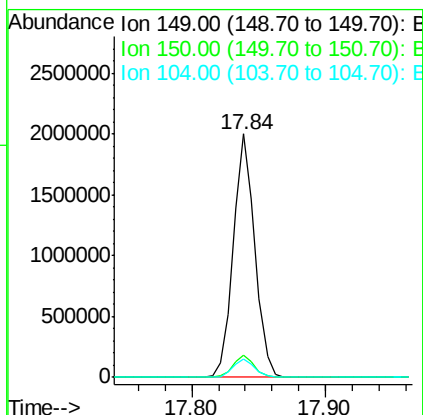
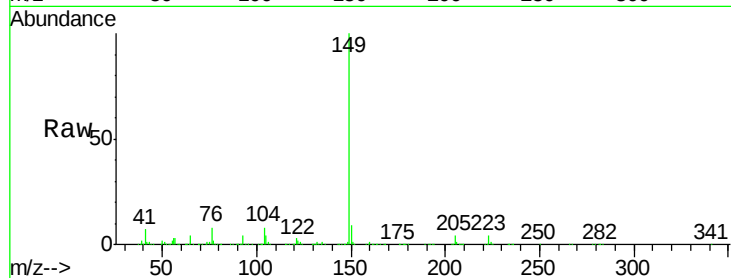




#73
Di-n-butylphthalate
Concen: 32.148 ng
RT: 17.84 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

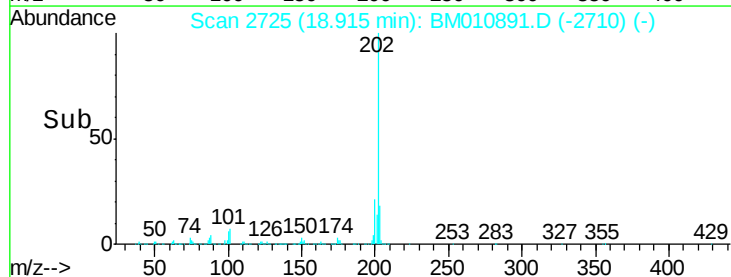
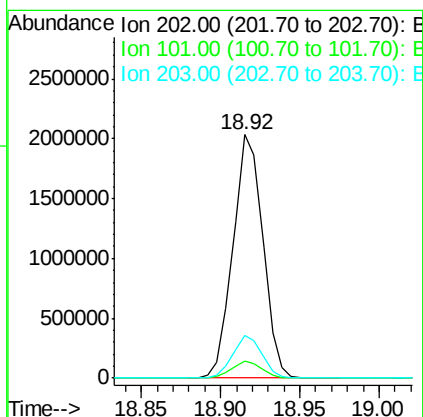
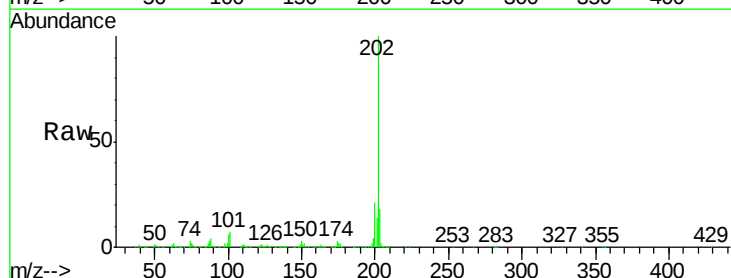
Instrument :
BNA_M
ClientSampleId :
PB100757BS

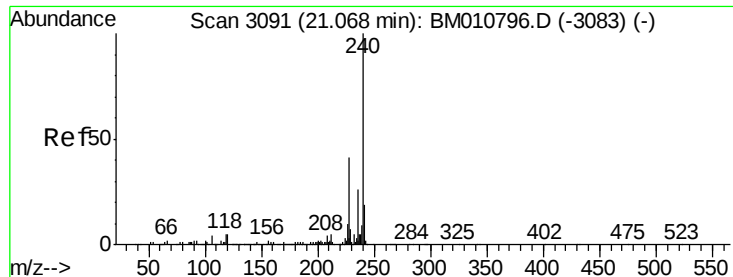
Tgt Ion:149 Resp: 2245924
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 7.7 3.7 5.5#



#74
Fluoranthene
Concen: 31.792 ng
RT: 18.92 min Scan# 2725
Delta R.T. -0.01 min
Lab File: BM010891.D
Acq: 19 Jul 2017 13:48

Tgt Ion:202 Resp: 2659501
Ion Ratio Lower Upper
202 100
101 7.0 0.0 28.7
203 17.5 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

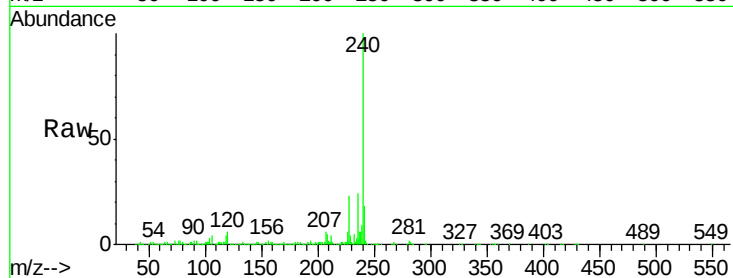
Tgt Ion:240 Resp: 1246985

Ion Ratio Lower Upper

240 100

120 5.5 8.2 12.2#

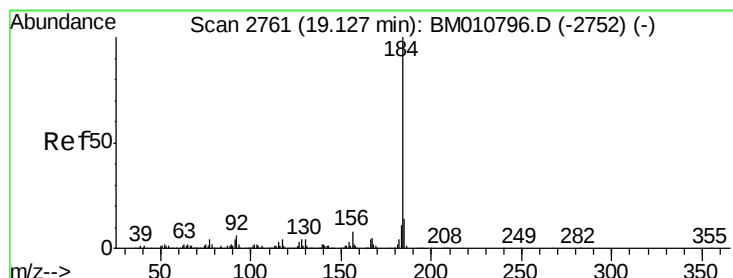
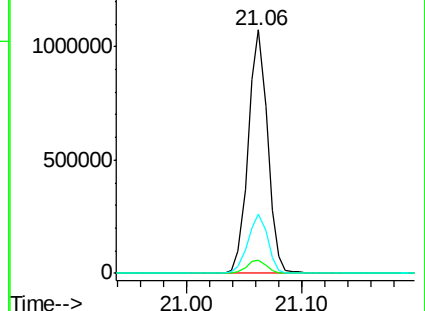
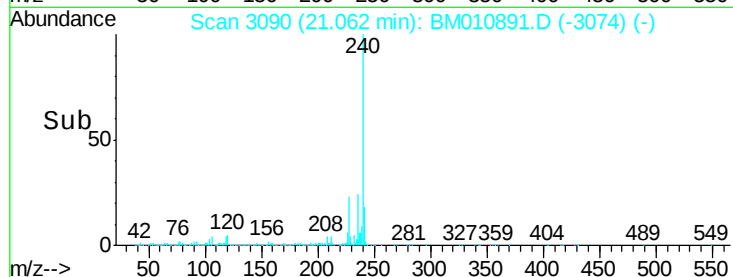
236 24.4 20.0 30.0



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: 40.628 ng

RT: 19.12 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

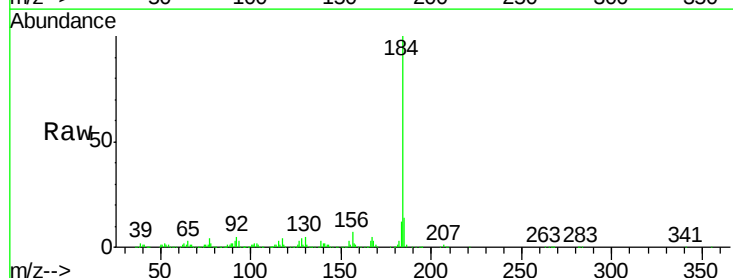
Tgt Ion:184 Resp: 1355725

Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

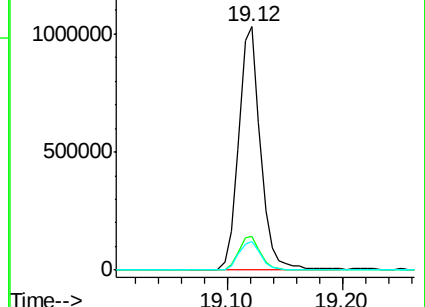
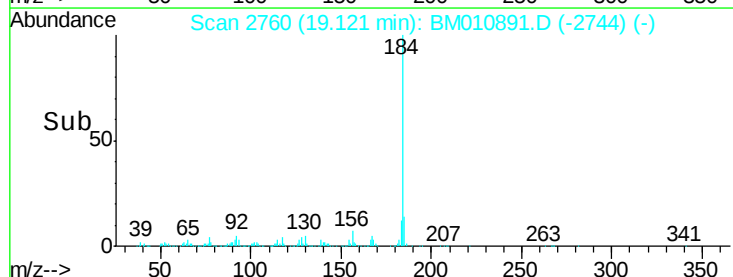
183 11.5 8.9 13.3

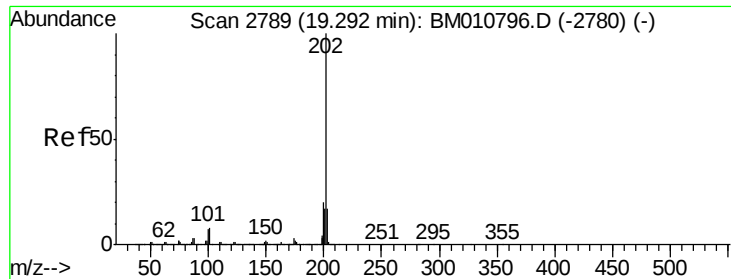


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.882 ng

RT: 19.29 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

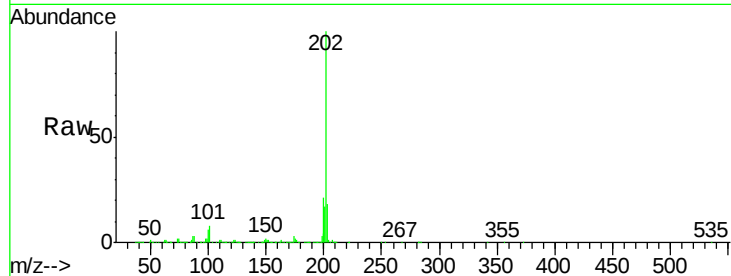
Tgt Ion:202 Resp: 2666165

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

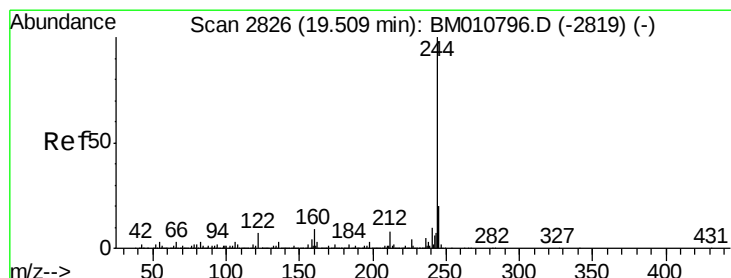
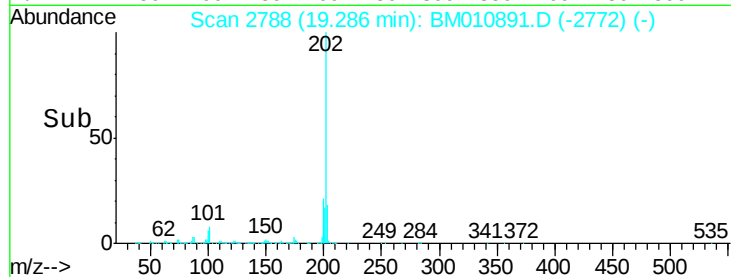
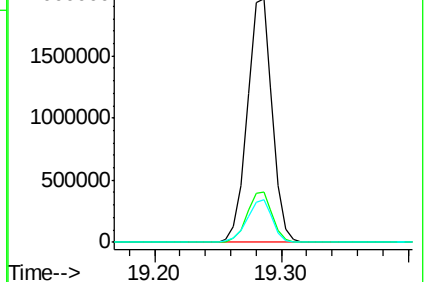
203 17.6 14.1 21.1



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: 64.388 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

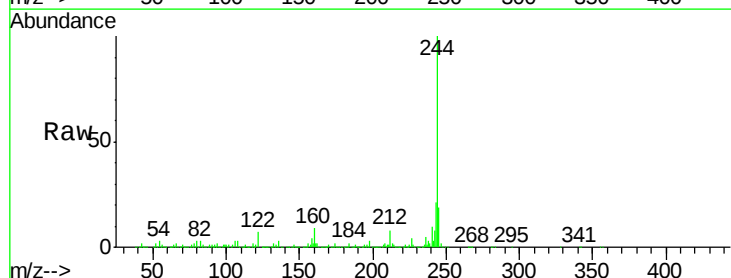
Tgt Ion:244 Resp: 4151347

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

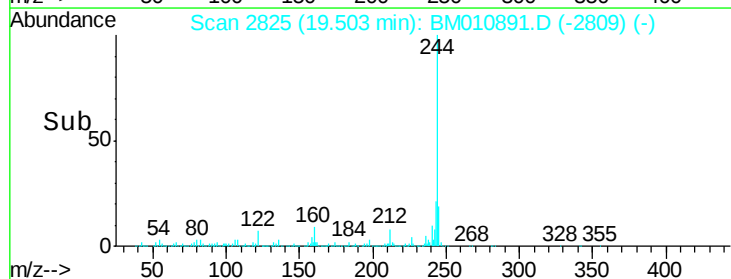
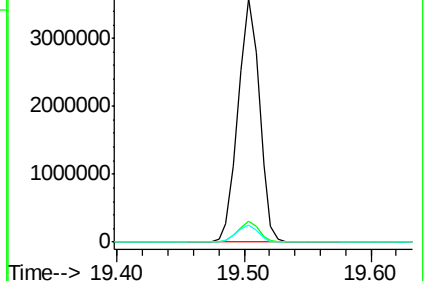
122 7.0 6.2 9.4

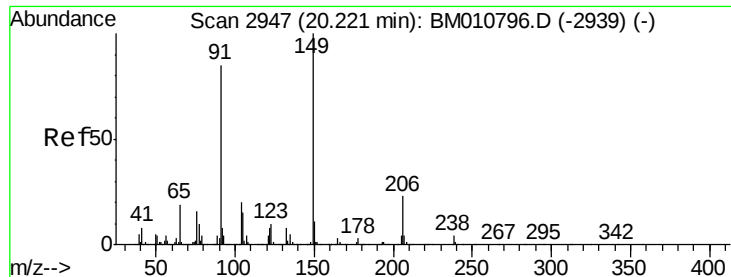


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 34.674 ng

RT: 20.22 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

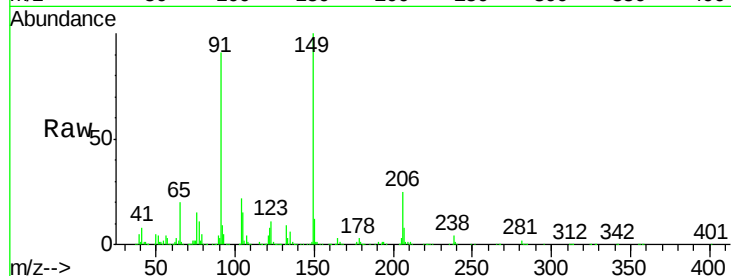
Tgt Ion:149 Resp: 877555

Ion Ratio Lower Upper

149 100

91 91.1 50.1 75.1#

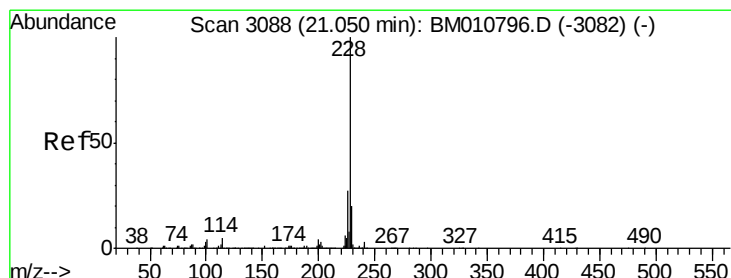
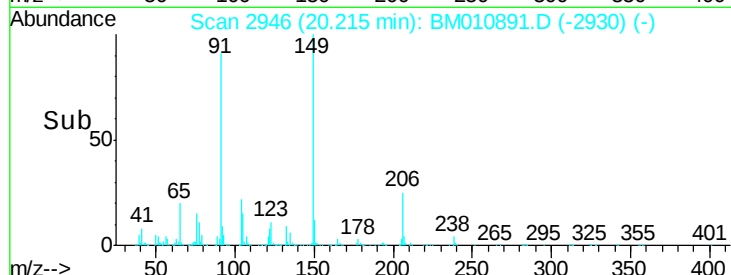
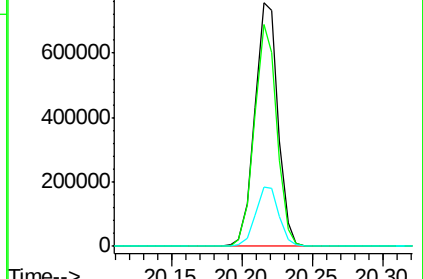
206 24.6 16.2 24.2#



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: 33.616 ng

RT: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

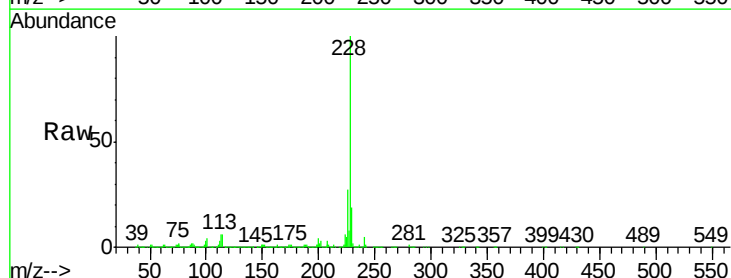
Tgt Ion:228 Resp: 2428950

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

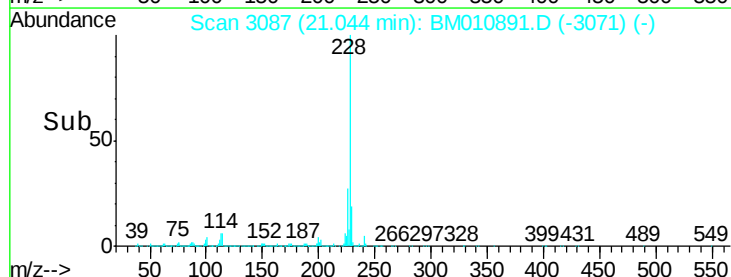
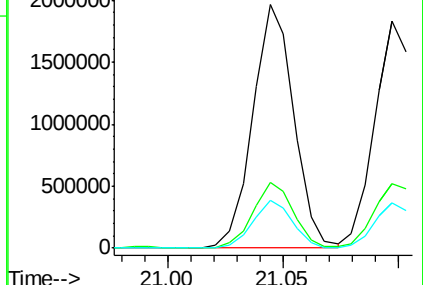
229 19.4 16.0 24.0

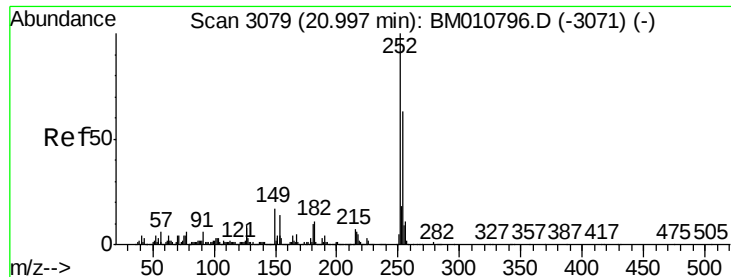


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

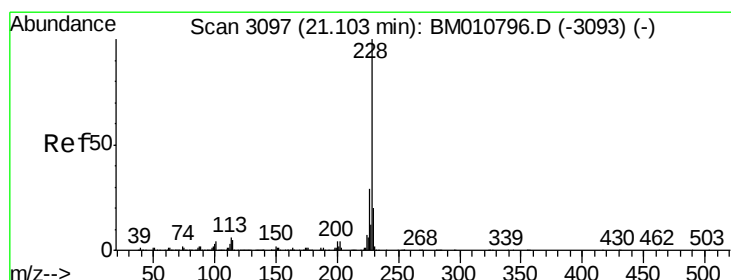
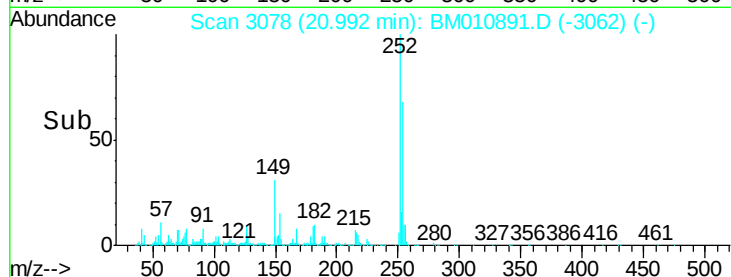
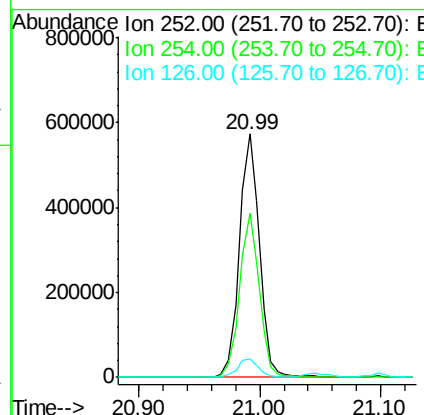
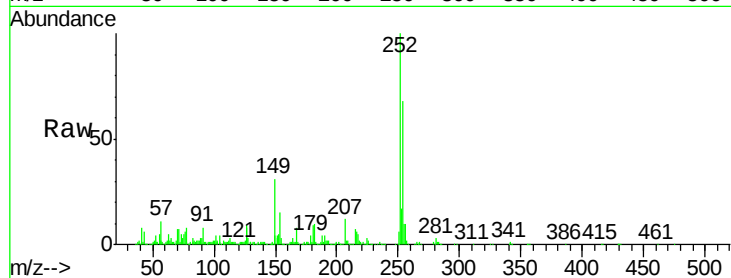




#81
 3,3'-Dichlorobenzidine
 Concen: 23.333 ng
 RT: 20.99 min Scan# 3078
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

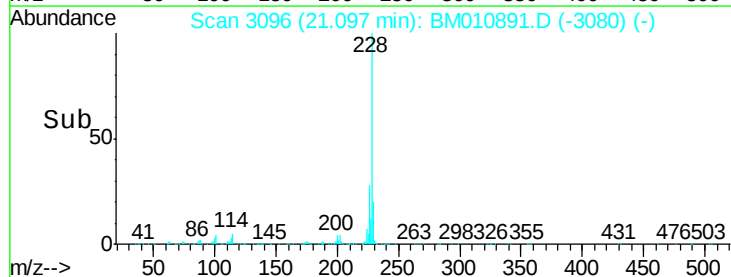
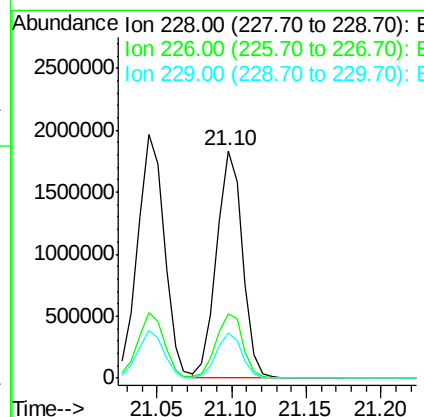
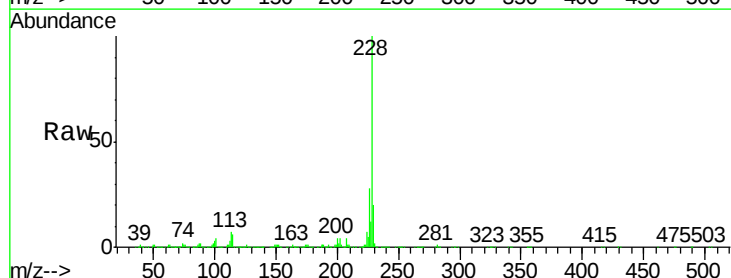
Instrument :
 BNA_M
 ClientSampleId :
 PB100757BS

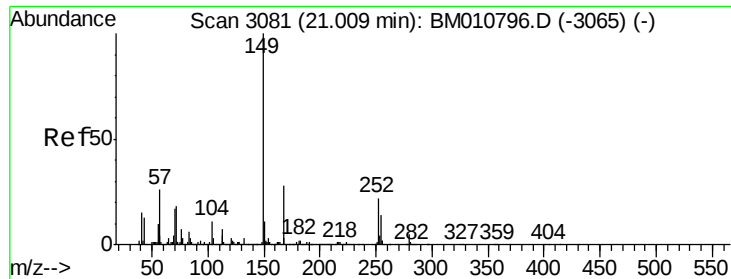
Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.6	51.9	77.9
126	7.8	9.8	14.8



#82
 Chrysene
 Concen: 32.399 ng
 RT: 21.10 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.1	36.1
229	19.8	15.5	23.3

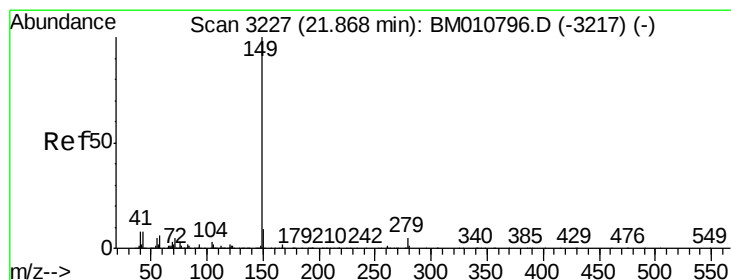
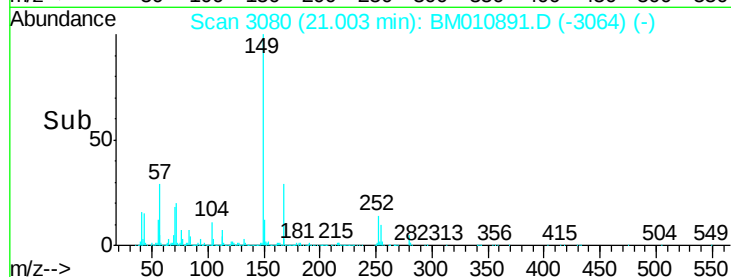
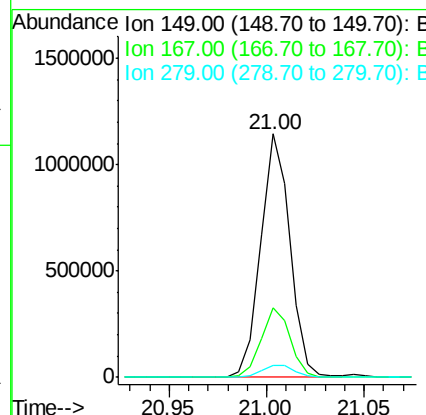
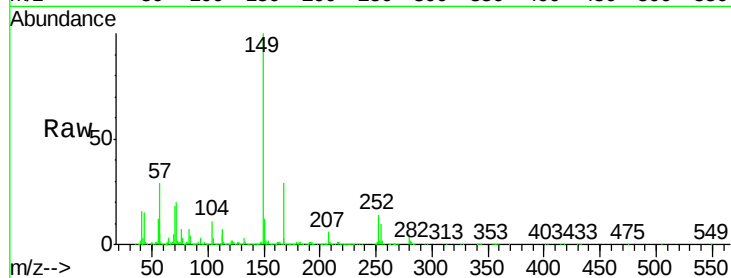




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.116 ng
 RT: 21.00 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

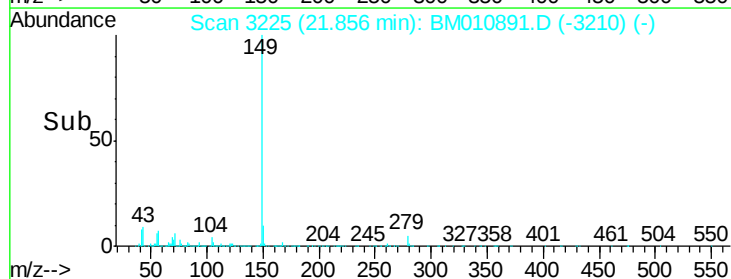
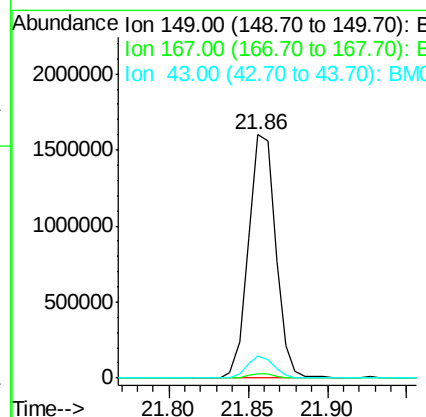
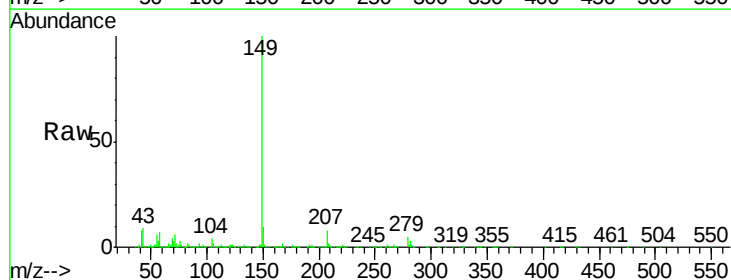
Instrument :
 BNA_M
 ClientSampleId :
 PB100757BS

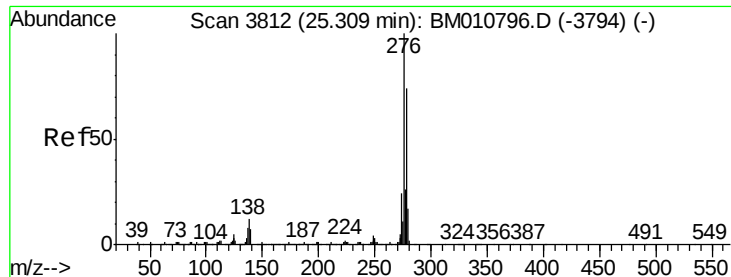
Tgt Ion:149 Resp: 1183654
 Ion Ratio Lower Upper
 149 100
 167 28.8 22.4 33.6
 279 4.9 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 31.567 ng
 RT: 21.86 min Scan# 3225
 Delta R.T. -0.01 min
 Lab File: BM010891.D
 Acq: 19 Jul 2017 13:48

Tgt Ion:149 Resp: 1906214
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.8 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.860 ng

RT: 25.29 min Scan# 3809

Delta R.T. -0.02 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

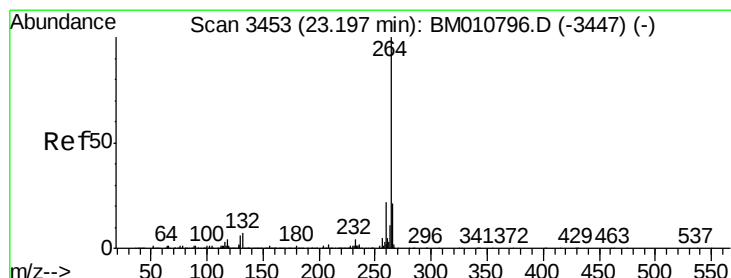
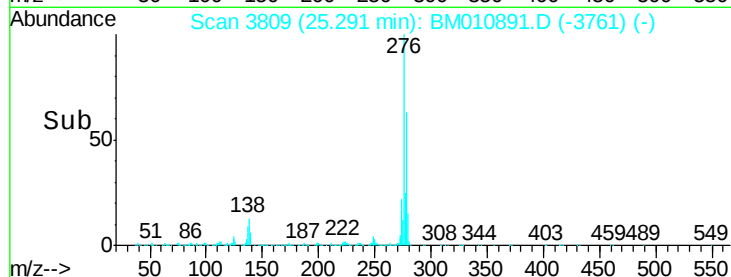
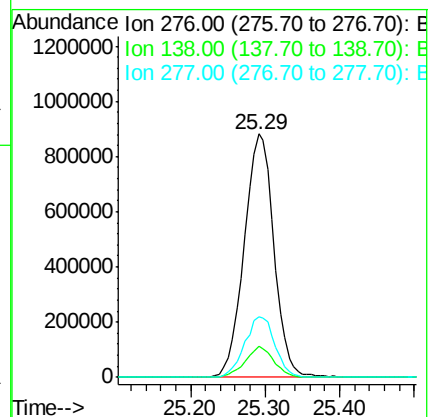
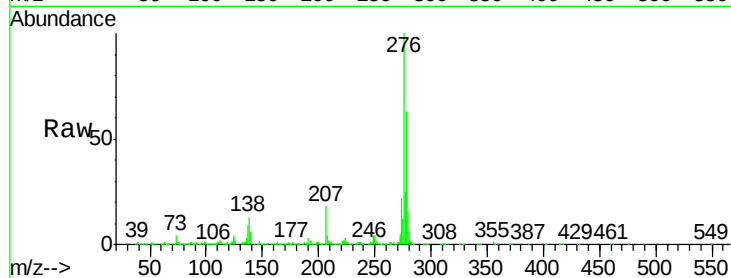
Tgt Ion:276 Resp: 2435101

Ion Ratio Lower Upper

276 100

138 12.2 0.0 0.0#

277 25.5 0.0 0.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

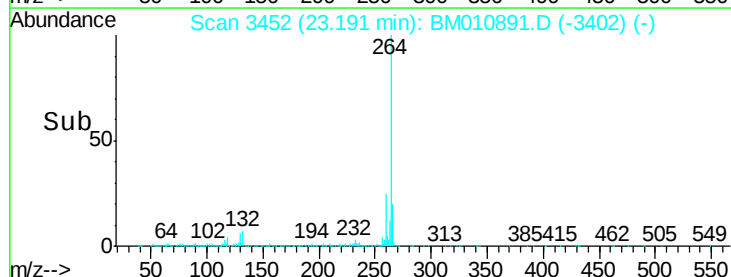
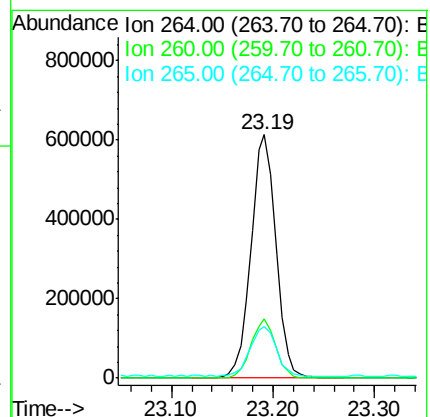
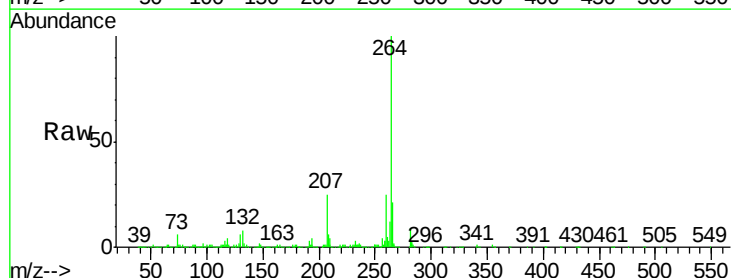
Tgt Ion:264 Resp: 1050005

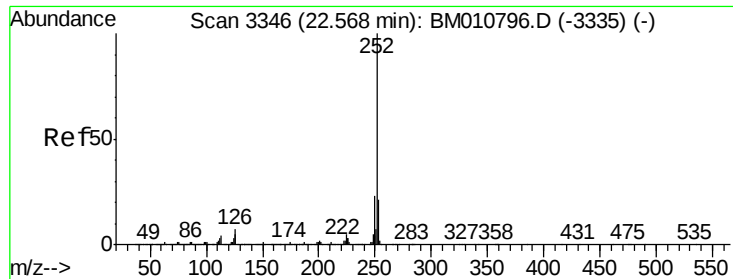
Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 21.1 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 32.672 ng

RT: 22.56 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

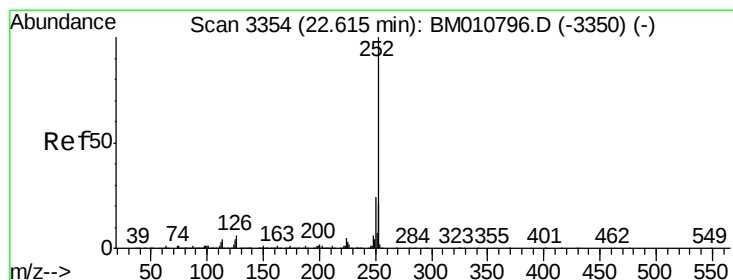
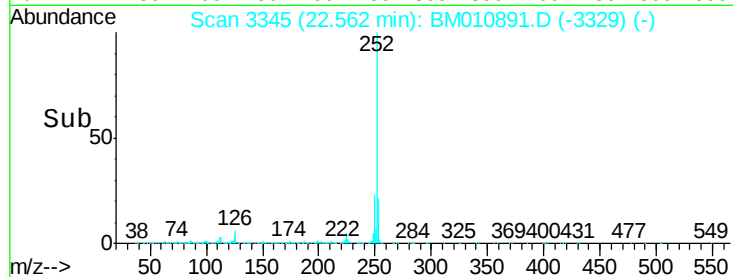
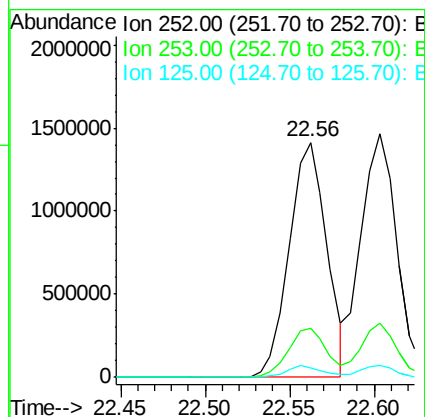
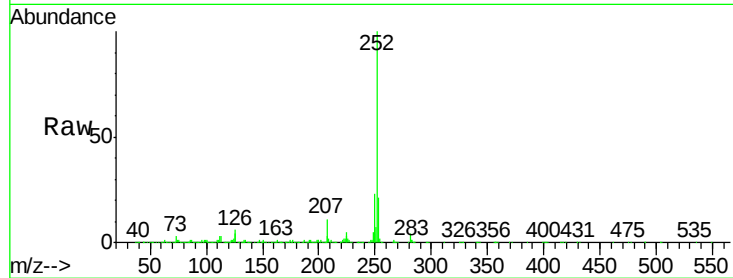
Tgt Ion:252 Resp: 2179092

Ion Ratio Lower Upper

252 100

253 20.7 18.0 27.0

125 4.1 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 33.988 ng

RT: 22.60 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

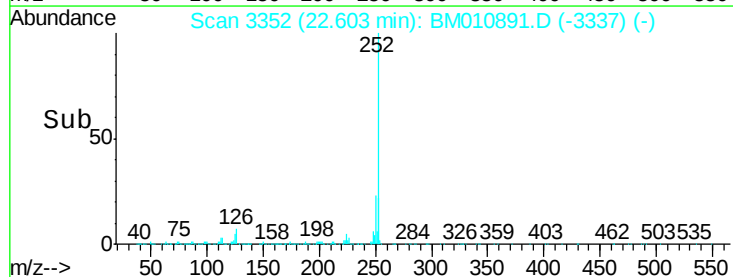
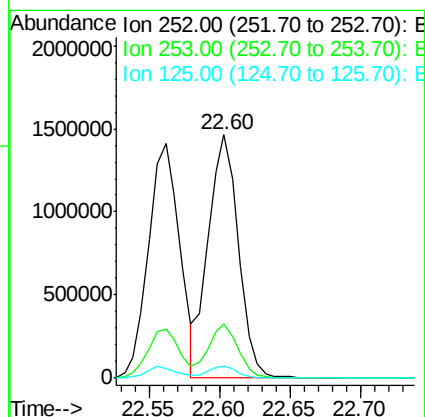
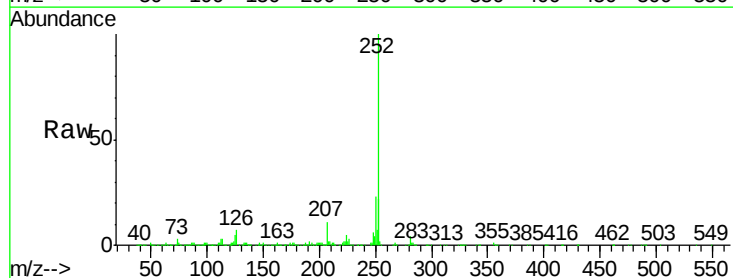
Tgt Ion:252 Resp: 2165204

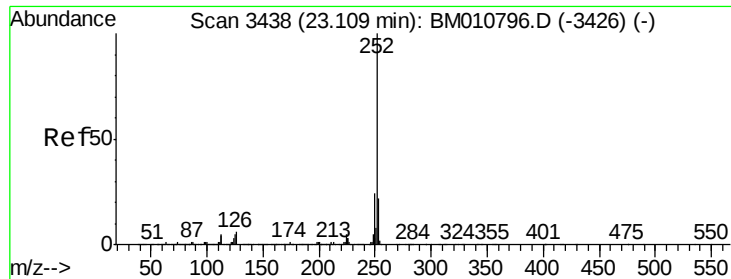
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 4.7 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 34.123 ng

RT: 23.10 min Scan# 3436

Delta R.T. -0.01 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

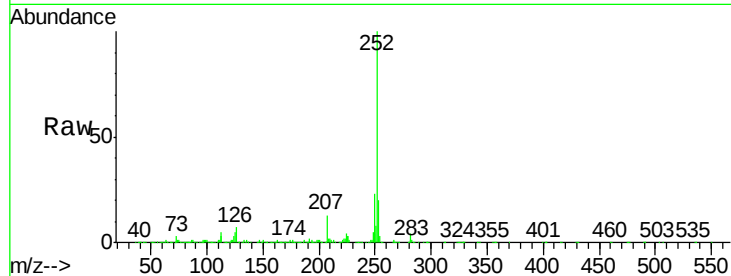
Tgt Ion:252 Resp: 2071547

Ion Ratio Lower Upper

252 100

253 20.3 17.6 26.4

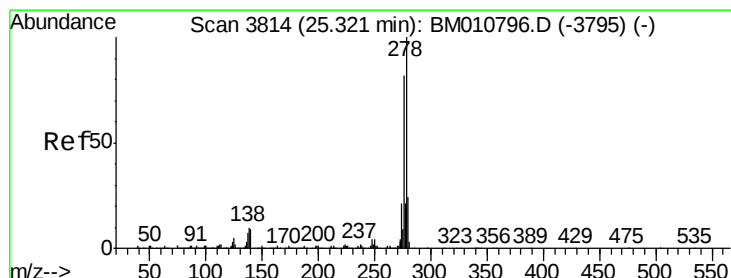
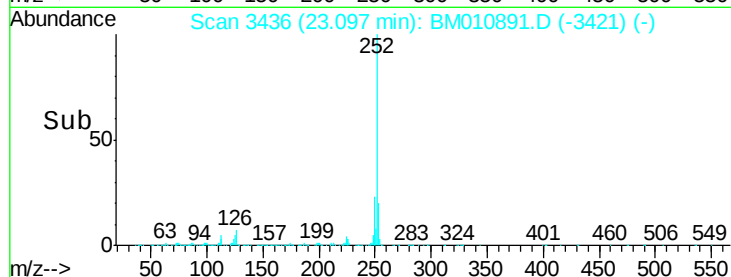
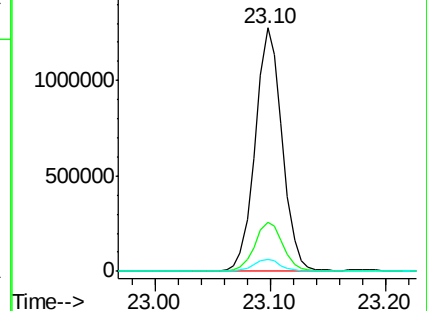
125 5.0 7.4 11.2#



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: 33.790 ng

RT: 25.30 min Scan# 3811

Delta R.T. -0.02 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

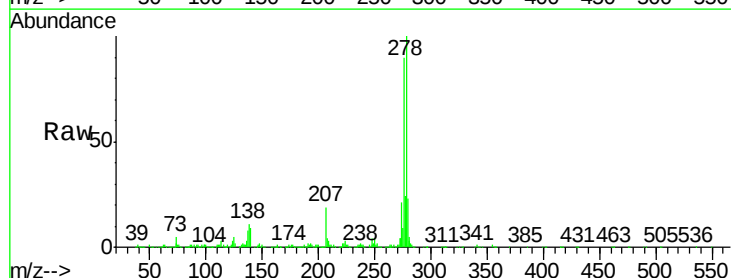
Tgt Ion:278 Resp: 1990978

Ion Ratio Lower Upper

278 100

139 8.6 13.4 20.0#

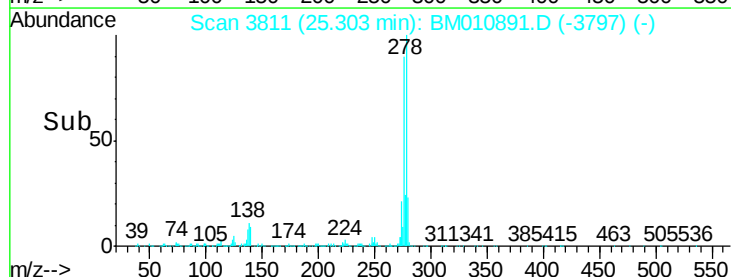
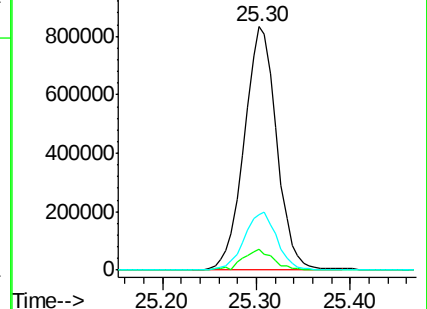
279 22.6 19.0 28.4

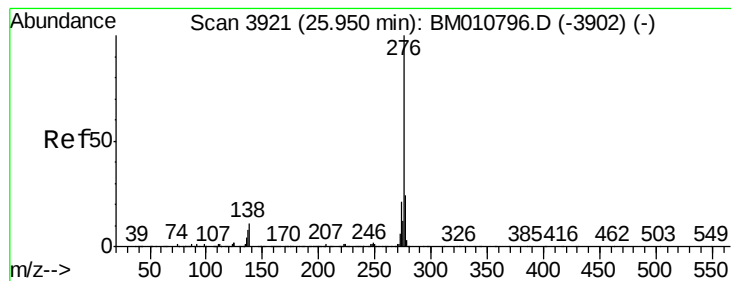


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.305 ng

RT: 25.93 min Scan# 3918

Delta R.T. -0.02 min

Lab File: BM010891.D

Acq: 19 Jul 2017 13:48

Instrument :

BNA_M

ClientSampleId :

PB100757BS

Tgt Ion: 276 Resp: 2044921

Ion Ratio Lower Upper

276 100

277 22.8 18.5 27.7

138 9.1 19.0 28.6#

