

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010002.D
 Acq On : 12 May 2017 01:42
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 12 06:59:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	51823	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	239823	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	164955	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	437724	20.00	ng	-0.02
75) Chrysene-d12	21.36	240	581819	20.00	ng	-0.02
86) Perylene-d12	23.66	264	461786	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	270766	81.76	ng	-0.02
7) Phenol-d6	6.94	99	440883	83.09	ng	-0.03
23) Nitrobenzene-d5	8.93	82	534837	81.50	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	199488	88.36	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	979319	79.40	ng	-0.02
78) Terphenyl-d14	19.80	244	2232001	80.85	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	50459	41.13	ng	# 100
3) Pyridine	3.68	79	179310	39.65	ng	# 91
4) n-Nitrosodimethylamine	3.60	42	96747	39.06	ng	# 74
6) Aniline	7.10	93	286939	41.65	ng	# 89
8) 2-Chlorophenol	7.33	128	145516	40.48	ng	# 75
9) Benzaldehyde	6.92	77	164526	41.42	ng	# 81
10) Phenol	6.97	94	240517	41.71	ng	# 87
11) bis(2-Chloroethyl)ether	7.19	93	186690	41.64	ng	# 84
12) 1,3-Dichlorobenzene	7.65	146	161643	40.28	ng	# 80
13) 1,4-Dichlorobenzene	7.80	146	167347	40.69	ng	# 91
14) 1,2-Dichlorobenzene	8.11	146	167759	42.07	ng	# 90
15) Benzyl Alcohol	8.02	79	195805	43.30	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.29	45	300134	42.18	ng	# 98
17) 2-Methylphenol	8.21	107	151792	40.33	ng	# 84
18) Hexachloroethane	8.82	117	73585	43.16	ng	# 85
19) n-Nitroso-di-n-propylamine	8.57	70	201754	41.91	ng	# 92
20) 3+4-Methylphenols	8.55	107	217776	42.50	ng	# 88
22) Acetophenone	8.59	105	298665	40.74	ng	# 89
24) Nitrobenzene	8.98	77	282726	40.48	ng	# 83
25) Isophorone	9.49	82	469144	41.54	ng	# 86
26) 2-Nitrophenol	9.68	139	89271	42.45	ng	# 40
27) 2,4-Dimethylphenol	9.74	122	159882	40.62	ng	# 83
28) bis(2-Chloroethoxy)methane	9.97	93	284721	41.85	ng	# 99
29) 2,4-Dichlorophenol	10.22	162	158320	41.34	ng	# 86
30) 1,2,4-Trichlorobenzene	10.42	180	183844	41.11	ng	# 98
31) Naphthalene	10.60	128	533035	40.37	ng	# 99
32) Benzoic acid	9.92	122	107364	40.78	ng	# 62
33) 4-Chloroaniline	10.73	127	231773	41.29	ng	# 73
34) Hexachlorobutadiene	10.87	225	125345	41.19	ng	# 98
35) Caprolactam	11.56	113	62512	41.78	ng	# 67
36) 4-Chloro-3-methylphenol	11.86	107	221034	43.19	ng	# 78
37) 2-Methylnaphthalene	12.22	142	383860	40.62	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	236013	39.31	ng	# 100
40) Hexachlorocyclopentadiene	12.56	237	37733	39.98	ng	# 97

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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 12 06:59:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
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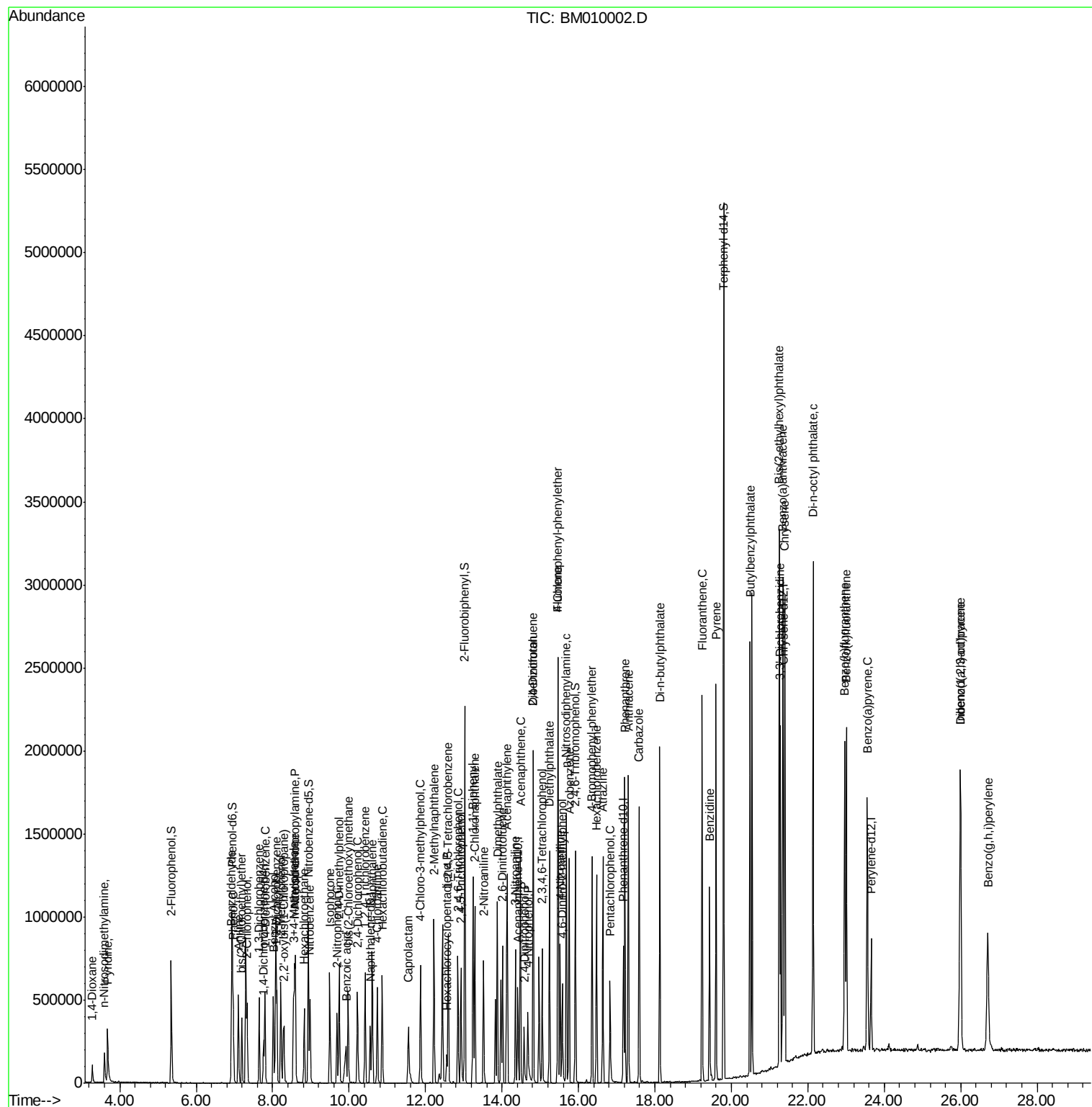
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	150897	40.83	nq	97
43) 2,4,5-Trichlorophenol	12.93	196	165904	41.32	nq #	85
45) 1,1'-Biphenyl	13.24	154	553797	40.34	nq	95
46) 2-Chloronaphthalene	13.29	162	444483	41.20	nq	98
47) 2-Nitroaniline	13.52	65	212077	43.43	nq #	70
48) Acenaphthylene	14.14	152	702062	41.33	nq	98
49) Dimethylphthalate	13.88	163	606036	41.68	nq	99
50) 2,6-Dinitrotoluene	14.02	165	123167	41.80	nq #	55
51) Acenaphthene	14.48	154	439022	41.01	nq	97
52) 3-Nitroaniline	14.35	138	134982	43.13	nq #	54
53) 2,4-Dinitrophenol	14.57	184	62622	40.72	nq #	82
54) Dibenzofuran	14.82	168	668833	40.78	nq	97
55) 4-Nitrophenol	14.67	139	90460	43.17	nq #	16
56) 2,4-Dinitrotoluene	14.81	165	182397	41.84	nq #	75
57) Fluorene	15.47	166	604007	41.77	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.05	232	141509	40.80	nq #	100
59) Diethylphthalate	15.24	149	638931	41.85	nq	98
60) 4-Chlorophenyl-phenylether	15.46	204	322986	40.91	nq	94
61) 4-Nitroaniline	15.52	138	143280	44.94	nq #	29
62) Azobenzene	15.76	77	783660	42.31	nq	86
64) 4,6-Dinitro-2-methylphenol	15.58	198	109303	39.29	nq	89
65) n-Nitrosodiphenylamine	15.68	169	543890	40.04	nq	98
66) 4-Bromophenyl-phenylether	16.36	248	206077	39.64	nq	96
67) Hexachlorobenzene	16.47	284	226557	39.26	nq #	88
68) Atrazine	16.64	200	207253	41.75	nq	97
69) Pentachlorophenol	16.83	266	103590	40.01	nq	98
70) Phenanthrene	17.22	178	1004046	39.96	nq	98
71) Anthracene	17.30	178	1025866	40.03	nq	100
72) Carbazole	17.59	167	928735	40.59	nq	99
73) Di-n-butylphthalate	18.13	149	1198945	41.22	nq #	96
74) Fluoranthene	19.23	202	1311192	40.68	nq	98
76) Benzidine	19.43	184	598113	41.12	nq	99
77) Pyrene	19.60	202	1398319	40.38	nq	98
79) Butylbenzylphthalate	20.49	149	584310	40.53	nq #	61
80) Benzo(a)anthracene	21.34	228	1410371	40.35	nq	98
81) 3,3'-Dichlorobenzidine	21.28	252	528478	41.04	nq	97
82) Chrysene	21.40	228	1305625	39.82	nq	98
83) Bis(2-ethylhexyl)phthalate	21.25	149	874358	40.61	nq	98
84) Di-n-octyl phthalate	22.14	149	1515472	41.03	nq #	87
85) Indeno(1,2,3-cd)pyrene	25.99	276	1091935	39.51	nq #	100
87) Benzo(b)fluoranthene	22.96	252	1290984	41.28	nq #	96
88) Benzo(k)fluoranthene	23.01	252	1220250	41.07	nq	98
89) Benzo(a)pyrene	23.56	252	1135929	41.20	nq	99
90) Dibenzo(a,h)anthracene	26.00	278	988955	40.65	nq #	94
91) Benzo(g,h,i)perylene	26.71	276	894412	39.89	nq #	91

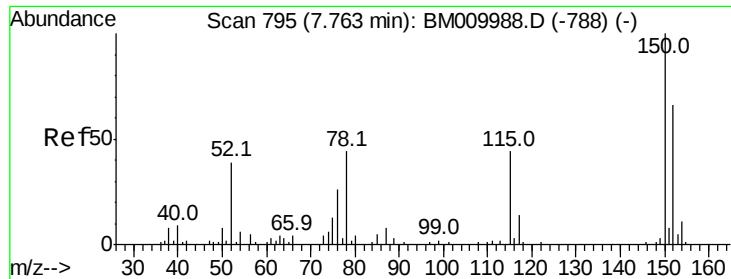
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010002.D
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Instrument :
BNA_M
ClientSampled :

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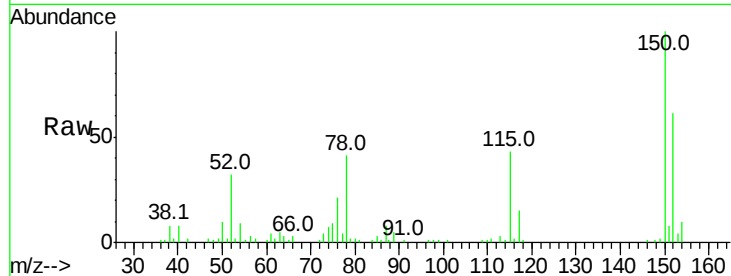


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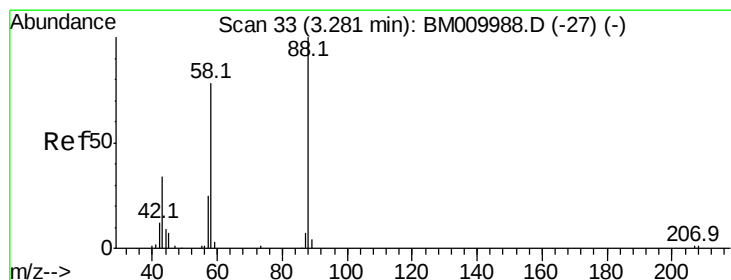
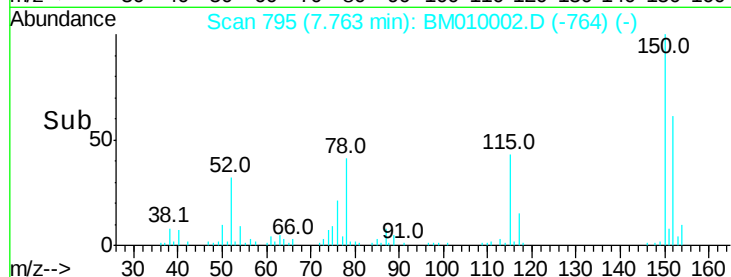
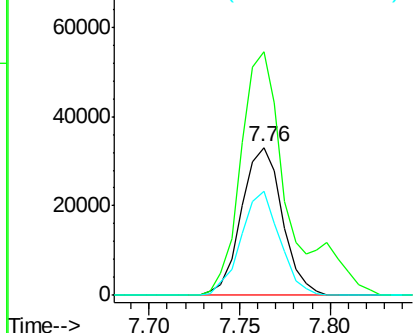
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 51823
Ion Ratio Lower Upper
152 100
150 164.5 119.5 179.3
115 70.2 43.0 64.4#



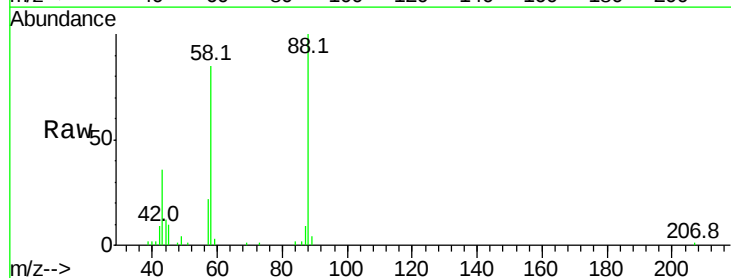
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



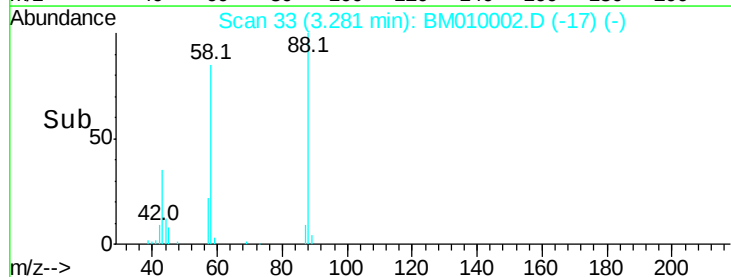
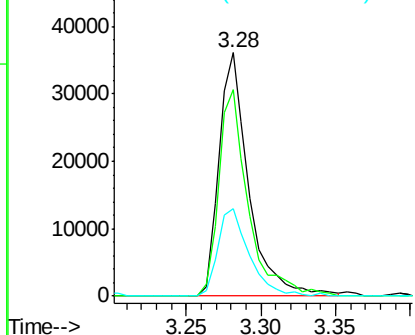
#2

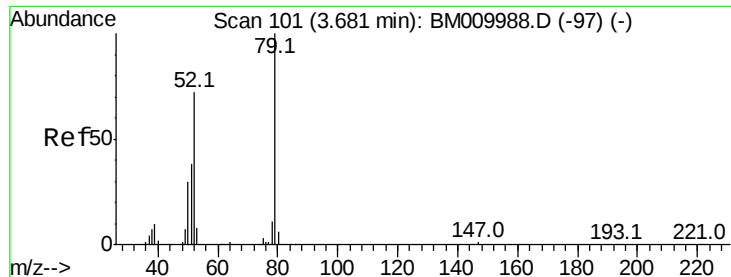
1,4-Dioxane
Concen: 41.13 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

Tgt Ion: 88 Resp: 50459
Ion Ratio Lower Upper
88 100
58 84.0 0.0 0.0#
43 38.1 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 39.65 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

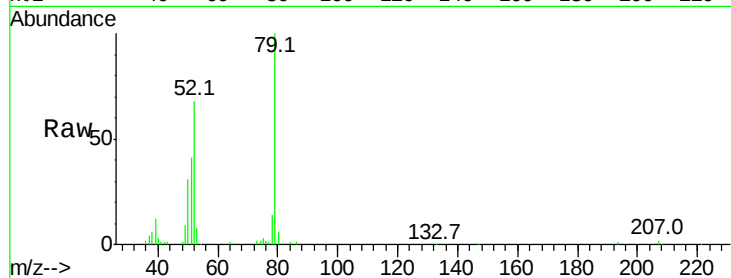
Tot Ion: 79 Resp: 179310

Ion Ratio Lower Upper

79 100

52 68.2 51.1 76.7

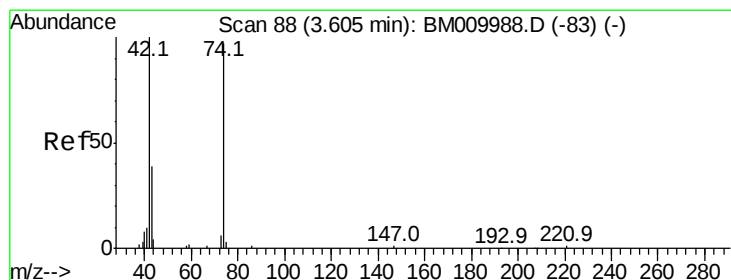
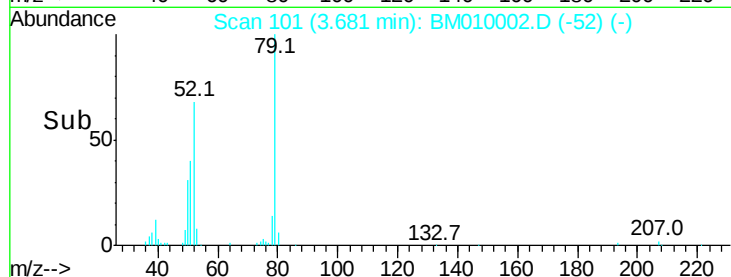
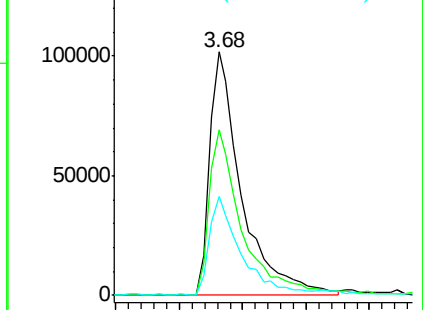
51 40.8 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM009988.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM009988.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM009988.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 39.06 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

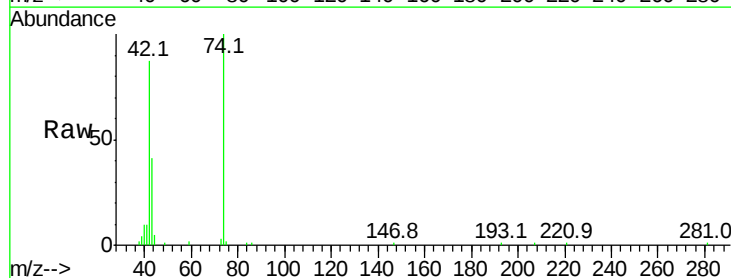
Tgt Ion: 42 Resp: 96747

Ion Ratio Lower Upper

42 100

74 114.5 119.3 178.9#

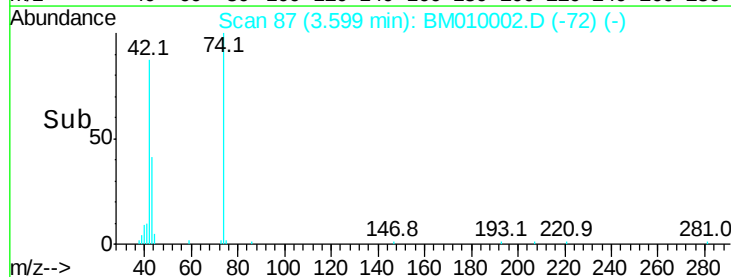
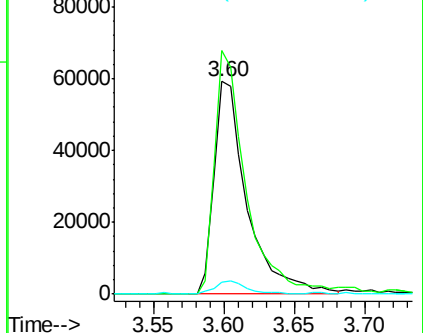
44 5.6 5.4 8.2

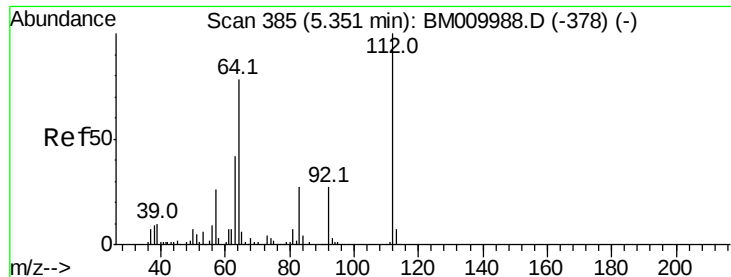


Abundance Ion 42.00 (41.70 to 42.70): BM009988.D (-83) (-)

Ion 74.00 (73.70 to 74.70): BM009988.D (-83) (-)

Ion 44.00 (43.70 to 44.70): BM009988.D (-83) (-)





#5

2-Fluorophenol

Concen: 81.76 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

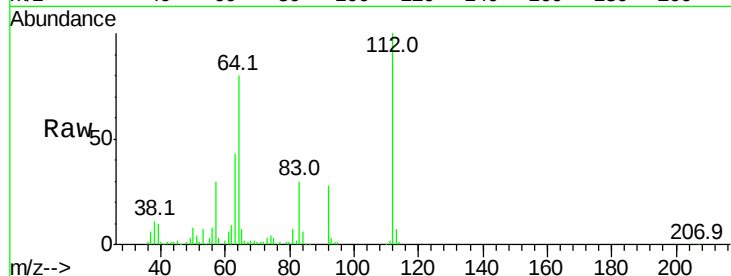
Tot Ion:112 Resp: 270766

Ion Ratio Lower Upper

112 100

64 80.2 38.6 57.8#

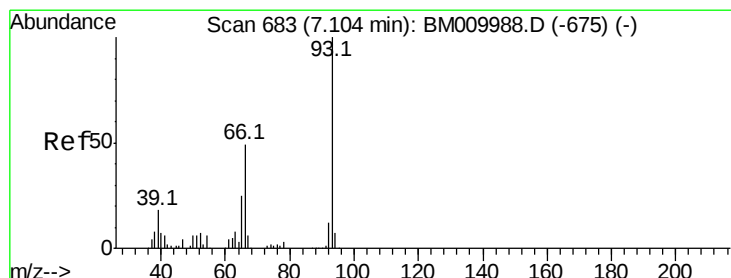
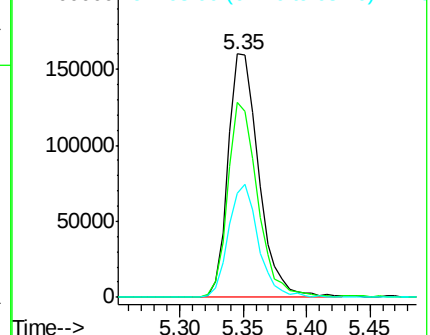
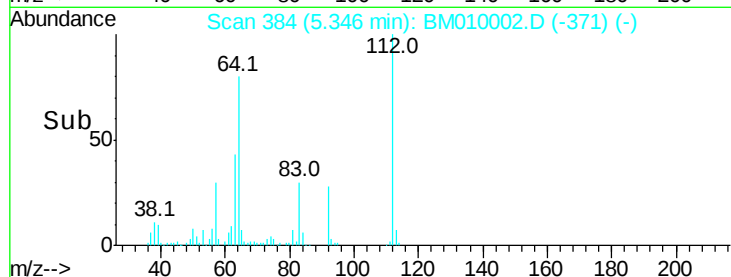
63 42.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 41.65 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

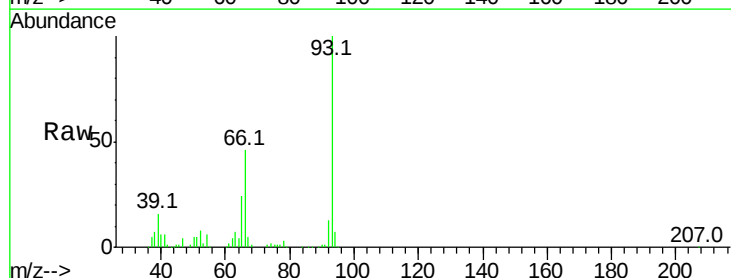
Tgt Ion: 93 Resp: 286939

Ion Ratio Lower Upper

93 100

66 46.0 30.8 46.2

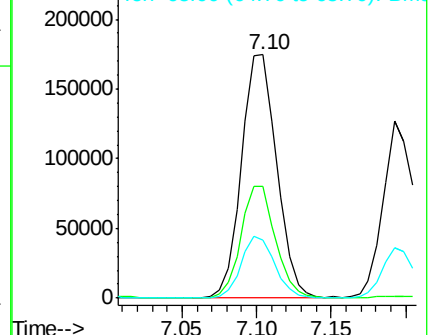
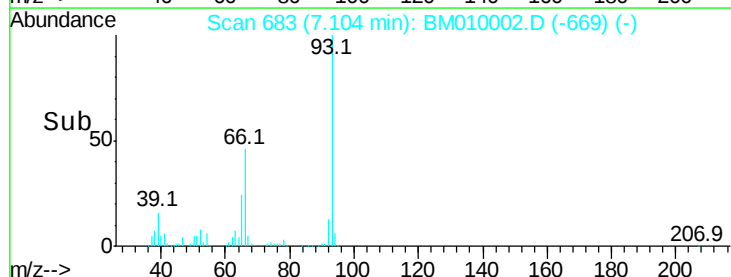
65 23.9 16.0 24.0

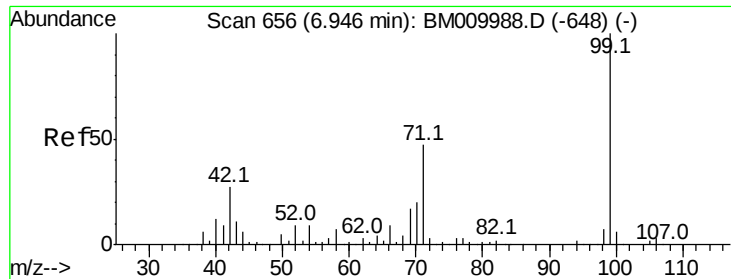


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 83.09 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

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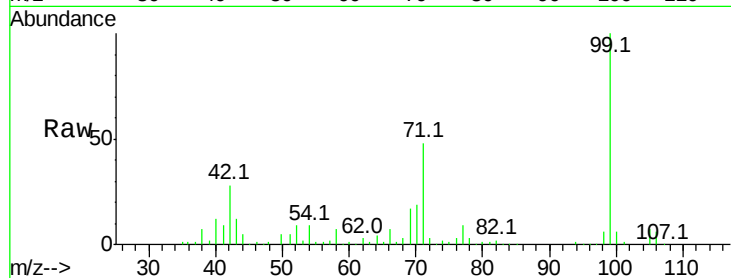
Tot Ion: 99 Resp: 440883

Ion Ratio Lower Upper

99 100

42 27.8 11.0 16.4#

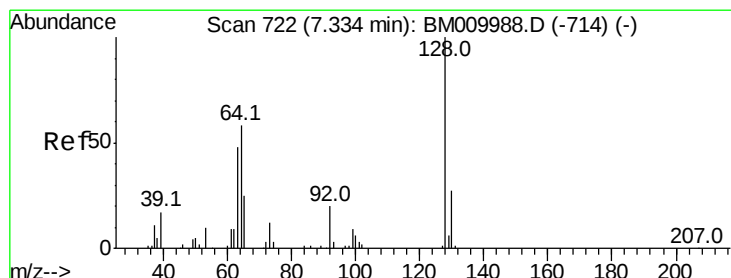
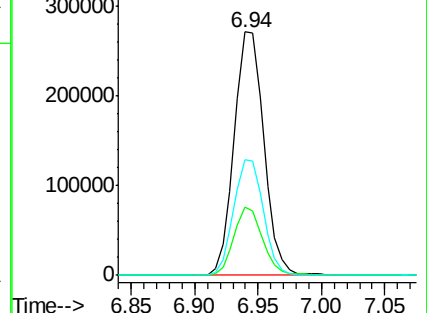
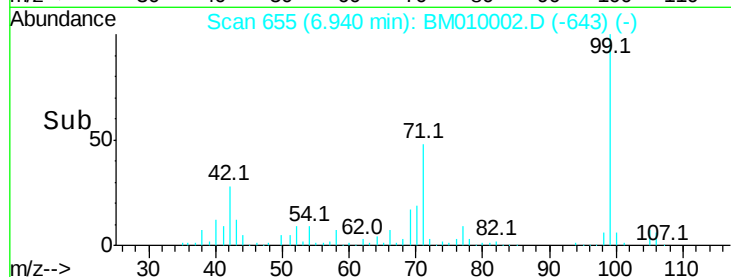
71 47.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009988.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM009988.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM009988.D (-648) (-)



#8

2-Chlorophenol

Concen: 40.48 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

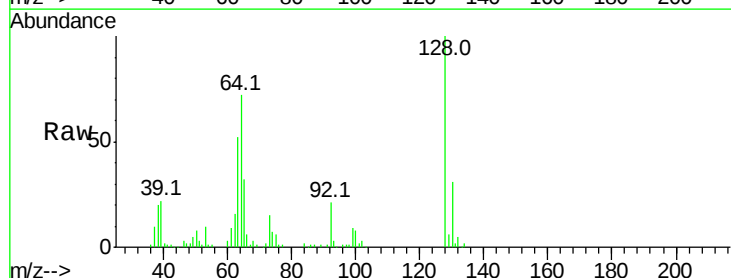
Tgt Ion: 128 Resp: 145516

Ion Ratio Lower Upper

128 100

130 30.9 12.0 52.0

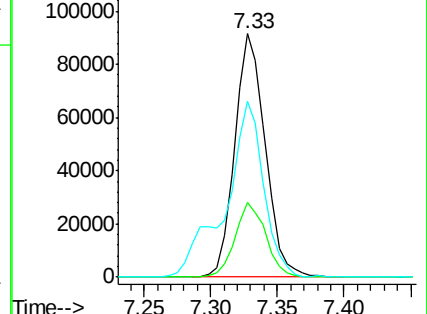
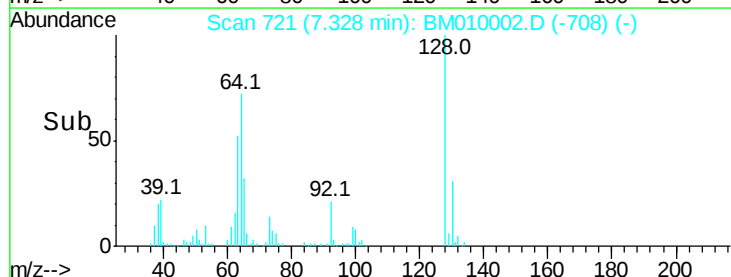
64 72.2 24.9 64.9#

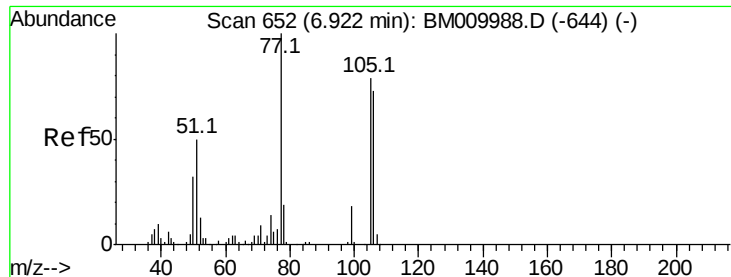


Abundance Ion 128.00 (127.70 to 128.70): BM009988.D (-714) (-)

Ion 130.00 (129.70 to 130.70): BM009988.D (-714) (-)

Ion 64.00 (63.70 to 64.70): BM009988.D (-714) (-)





#9

Benzaldehyde

Concen: 41.42 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampled :

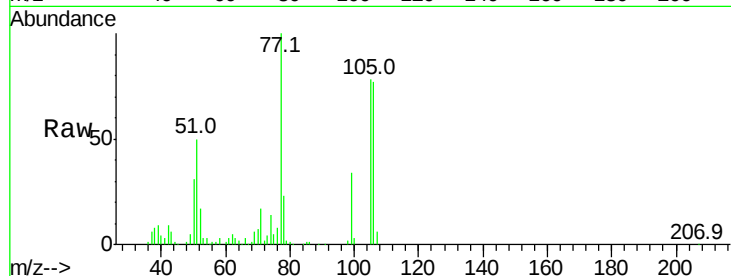
Tot Ion: 77 Resp: 164526

Ion Ratio Lower Upper

77 100

105 77.7 78.8 118.8#

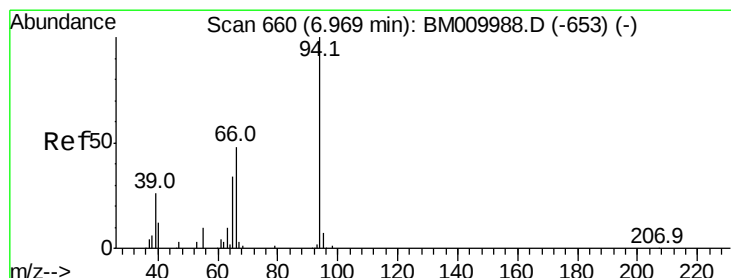
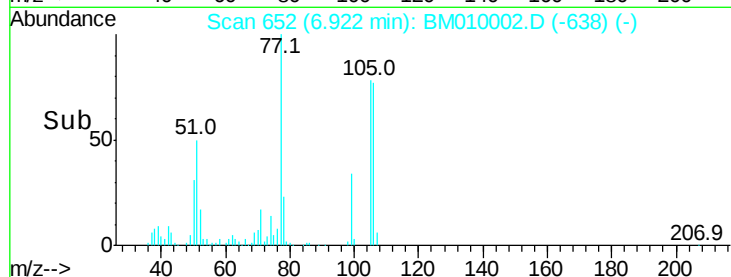
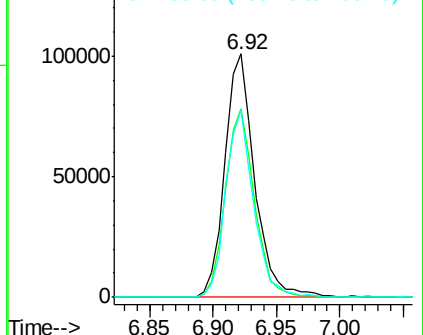
106 77.0 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM010002.D (-638) (-)

Ion 105.00 (104.70 to 105.70): BM010002.D (-638) (-)

Ion 106.00 (105.70 to 106.70): BM010002.D (-638) (-)



#10

Phenol

Concen: 41.71 ng

RT: 6.97 min Scan# 660

Delta R.T. -0.03 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

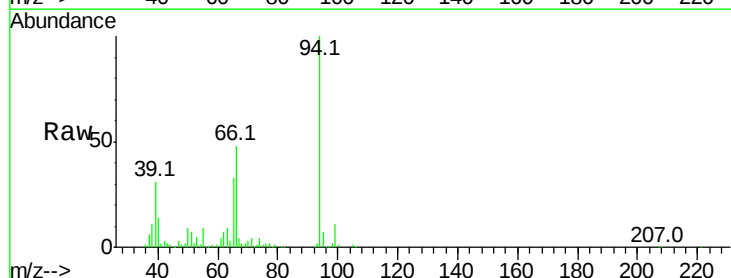
Tgt Ion: 94 Resp: 240517

Ion Ratio Lower Upper

94 100

65 33.1 18.8 58.8

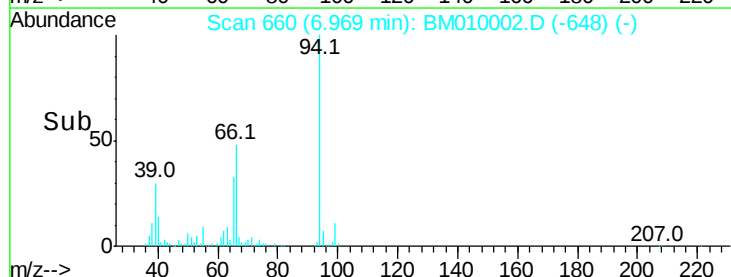
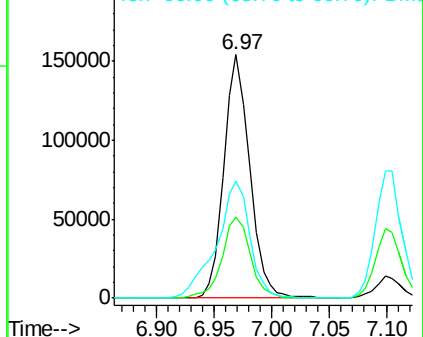
66 47.8 39.9 79.9

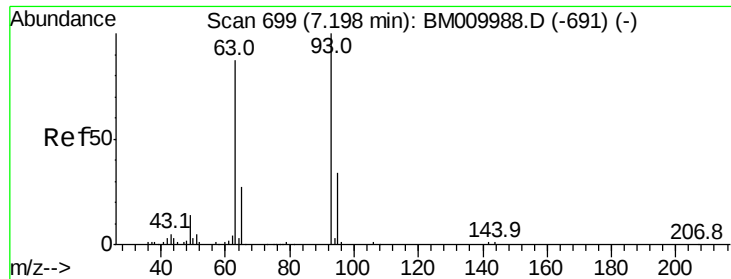


Abundance Ion 94.00 (93.70 to 94.70): BM010002.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM010002.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM010002.D (-648) (-)

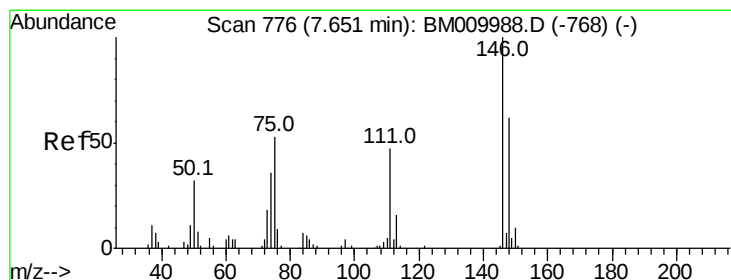
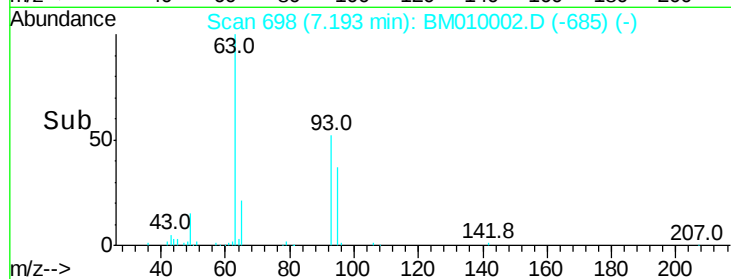
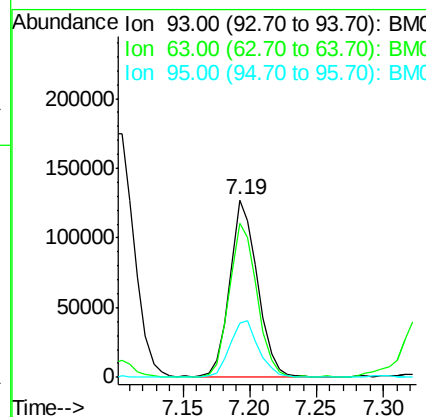
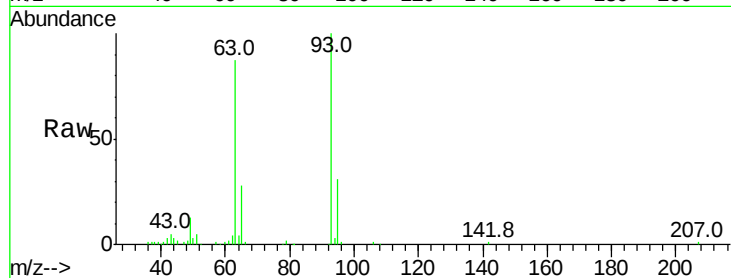




#11
bis(2-Chloroethyl)ether
Concen: 41.64 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

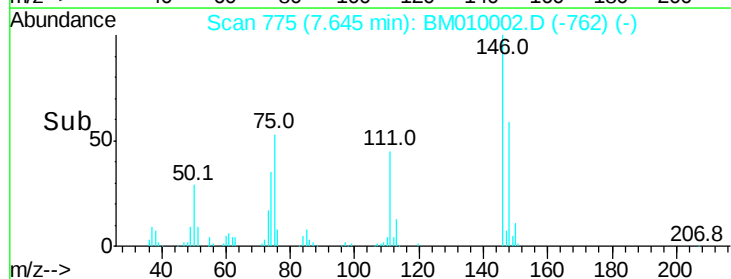
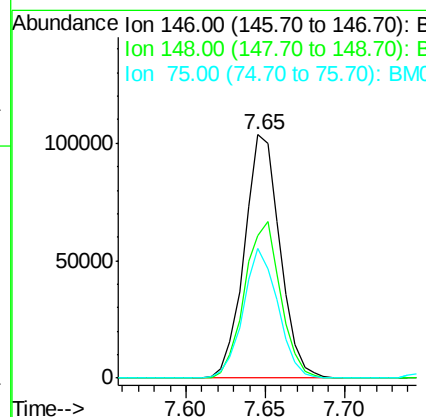
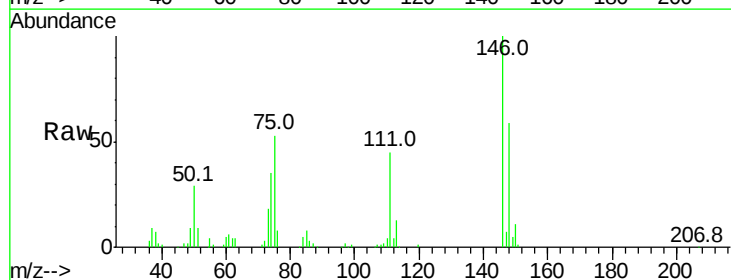
Instrument :
BNA_M
ClientSampled :

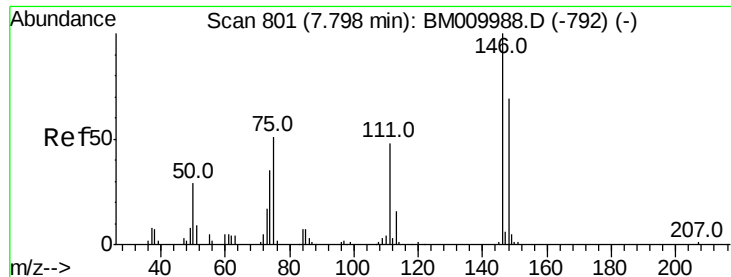
Tot Ion: 93 Resp: 186690
Ion Ratio Lower Upper
93 100
63 87.0 49.5 89.5
95 30.6 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 40.28 ng
RT: 7.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

Tgt Ion: 146 Resp: 161643
Ion Ratio Lower Upper
146 100
148 58.6 50.9 76.3
75 53.1 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 40.69 ng

RT: 7.80 min Scan# 801

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampled :

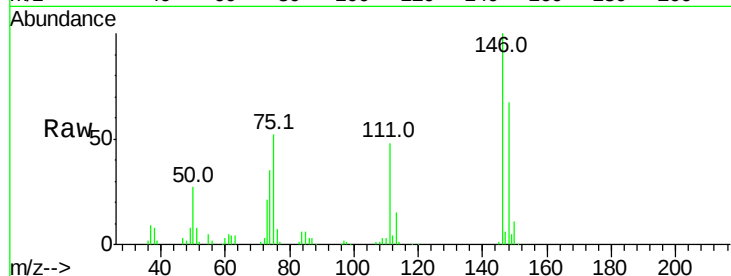
Tot Ion:146 Resp: 167347

Ion Ratio Lower Upper

146 100

148 67.5 51.9 77.9

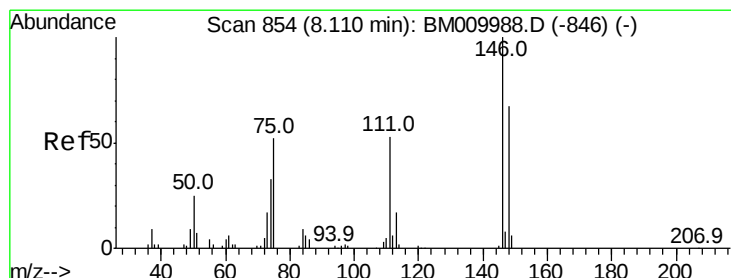
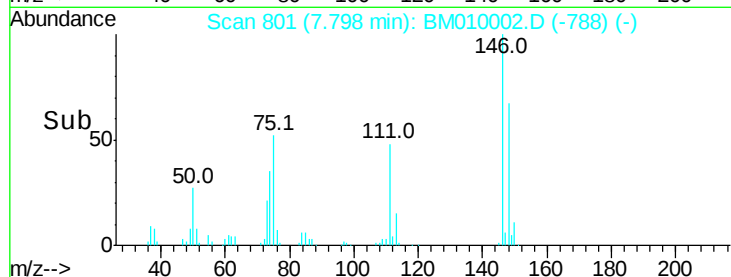
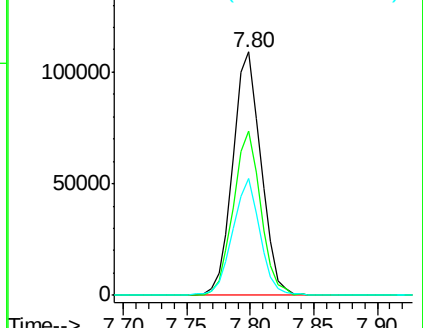
111 48.1 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.07 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

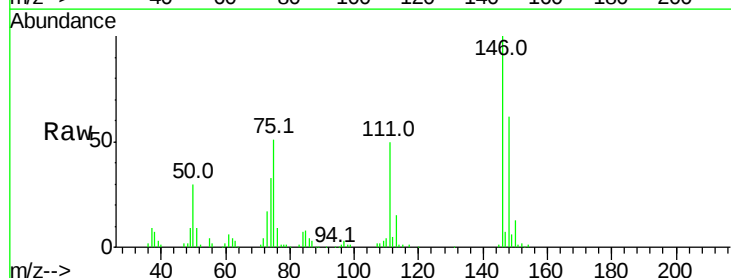
Tgt Ion:146 Resp: 167759

Ion Ratio Lower Upper

146 100

148 61.9 52.3 78.5

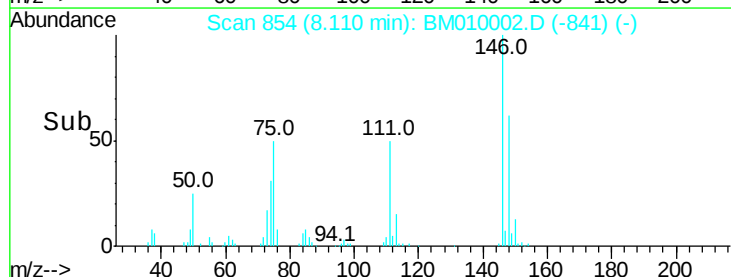
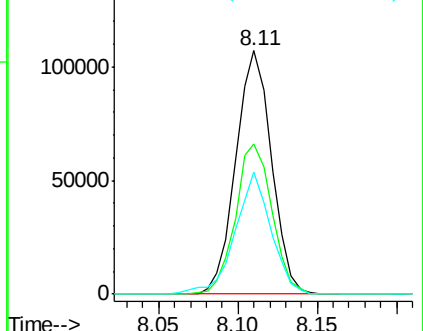
111 50.2 30.6 45.8#

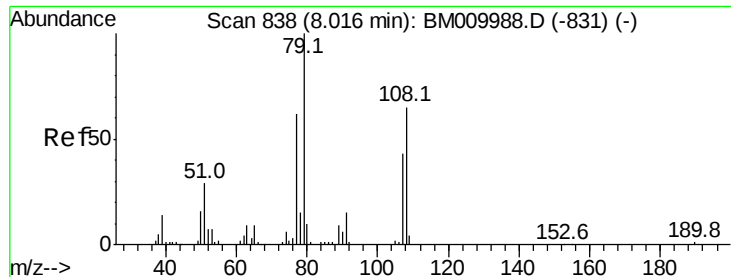


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.30 ng

RT: 8.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

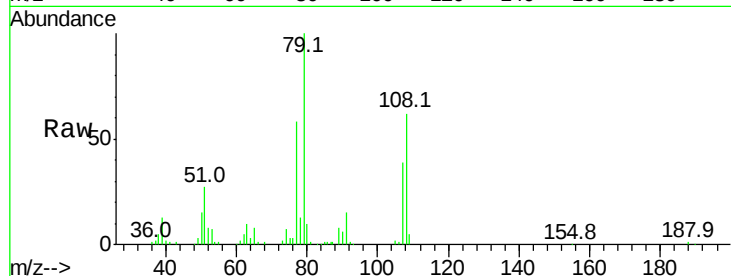
Tot Ion: 79 Resp: 195805

Ion Ratio Lower Upper

79 100

108 61.7 65.0 97.4#

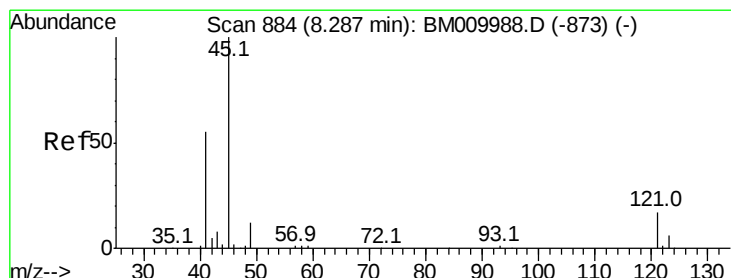
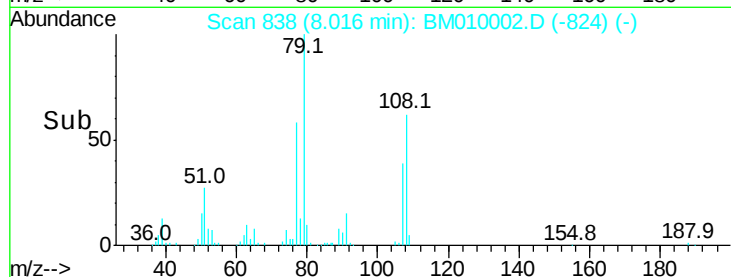
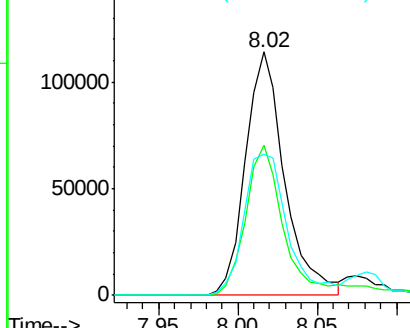
77 58.3 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM010002.D (-824) (-)

Ion 108.00 (107.70 to 108.70): BM010002.D (-824) (-)

Ion 77.00 (76.70 to 77.70): BM010002.D (-824) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.18 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

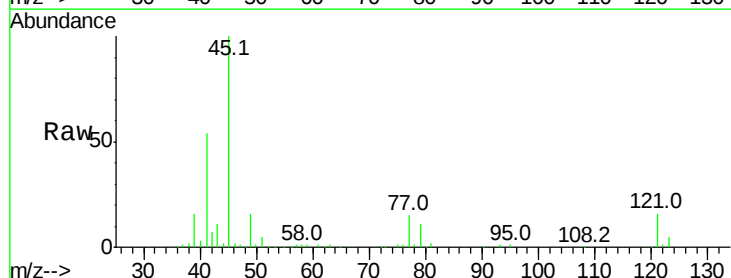
Tgt Ion: 45 Resp: 300134

Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.2

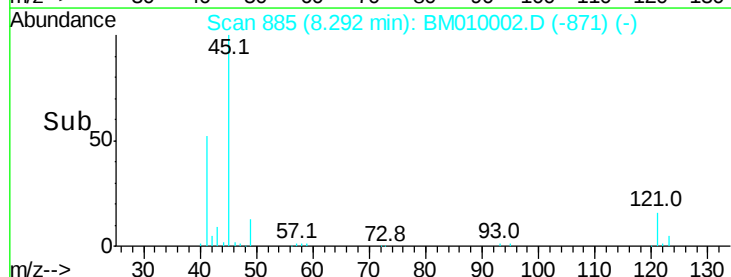
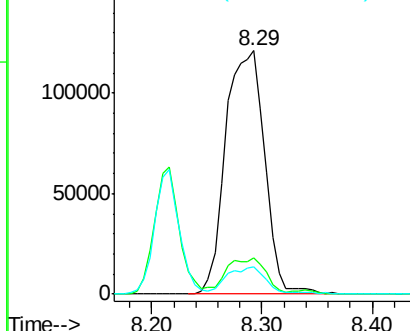
79 11.2 0.0 32.0

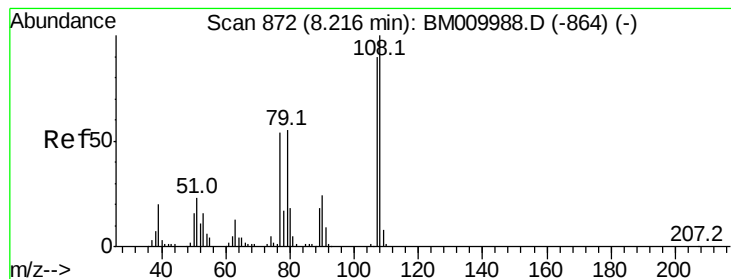


Abundance Ion 45.00 (44.70 to 45.70): BM010002.D (-871) (-)

Ion 77.00 (76.70 to 77.70): BM010002.D (-871) (-)

Ion 79.00 (78.70 to 79.70): BM010002.D (-871) (-)





#17

2-Methylphenol

Concen: 40.33 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.03 min

Lab File: BM010002.D

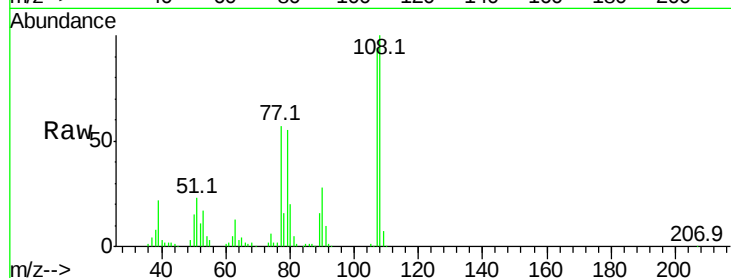
Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	107	Resp:	151792
Ion	Ratio	Lower	Upper
107	100		
108	106.5	89.8	134.8
77	60.9	32.6	48.8#
79	59.1	32.8	49.2#

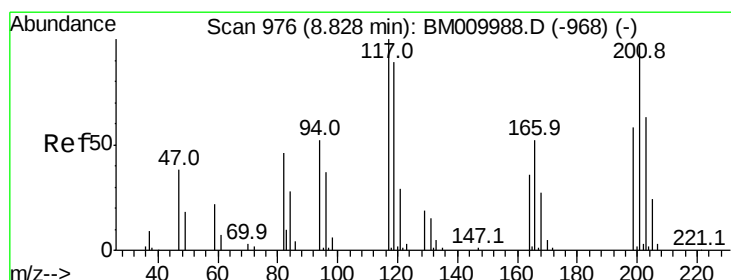
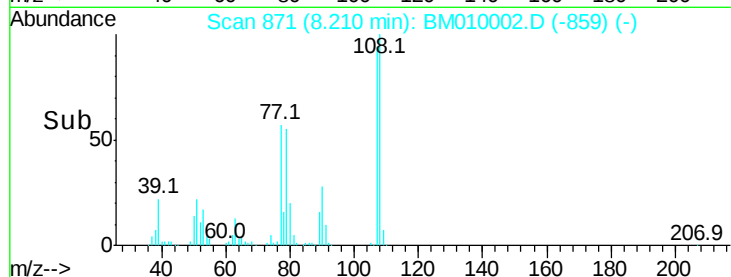
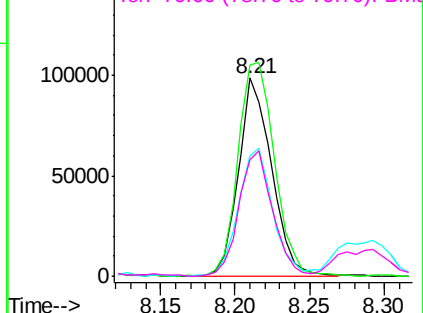


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 43.16 ng

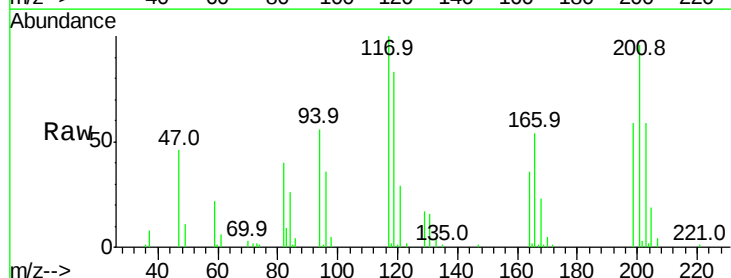
RT: 8.82 min Scan# 975

Delta R.T. -0.03 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

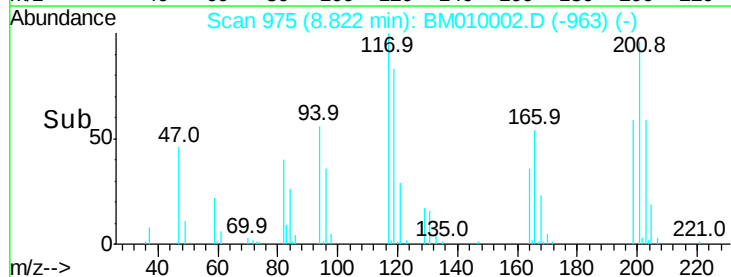
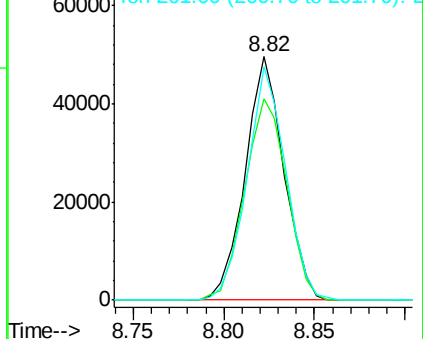
Tgt Ion:	117	Resp:	73585
Ion	Ratio	Lower	Upper
117	100		
119	82.7	79.2	118.8
201	99.2	69.8	104.6

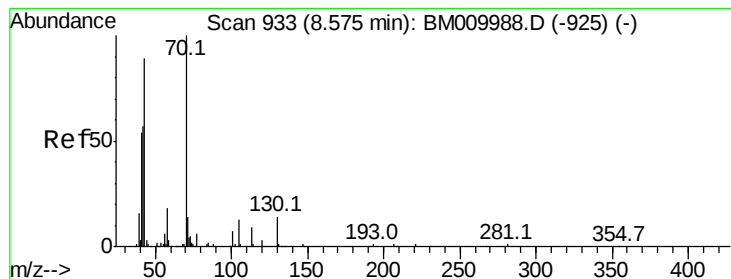


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.91 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BM010002.D

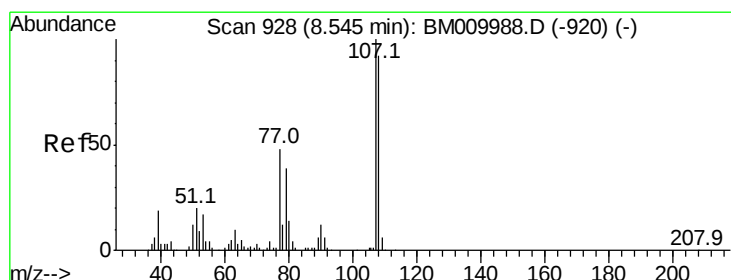
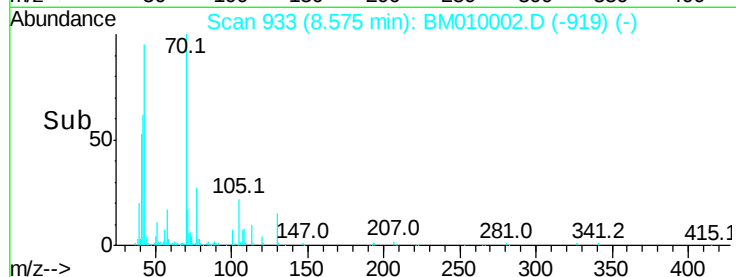
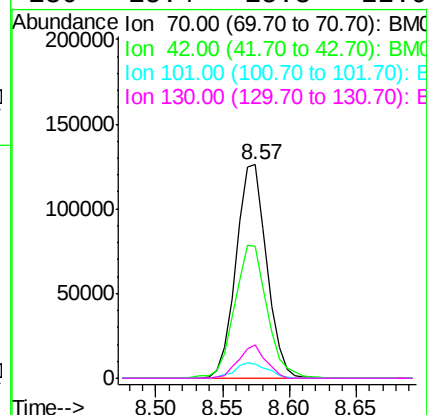
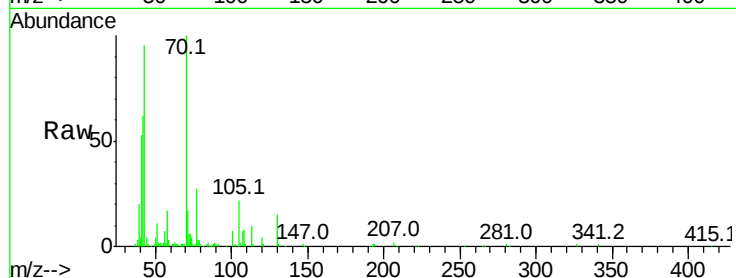
Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	70	Resp:	201754
Ion	Ratio	Lower	Upper
70	100		
42	61.6	44.5	66.7
101	6.7	7.4	11.2#
130	15.4	15.3	22.9



#20

3+4-Methylphenols

Concen: 42.50 ng

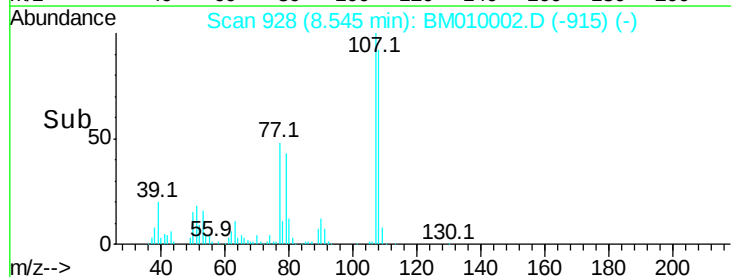
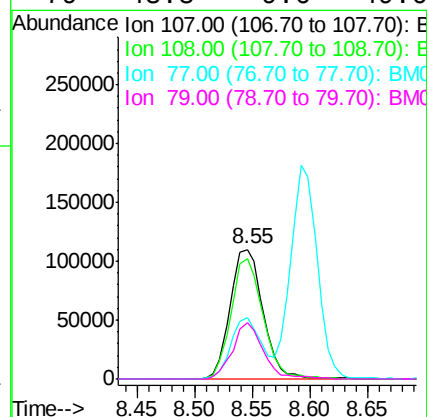
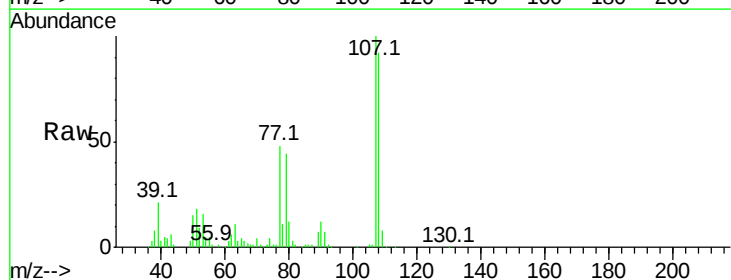
RT: 8.55 min Scan# 928

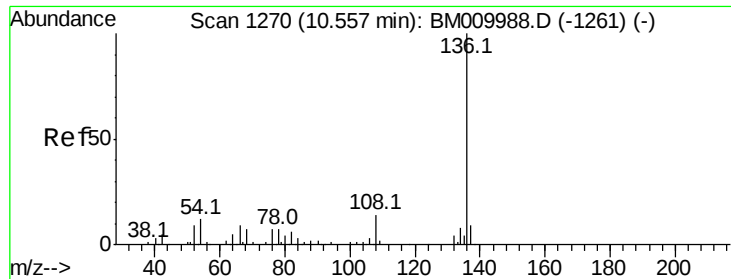
Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Tgt Ion:	107	Resp:	217776
Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.2	113.2
77	47.5	10.7	50.7
79	43.8	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 239823

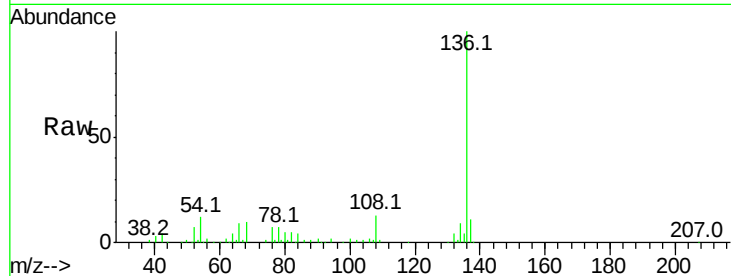
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 12.3 4.6 6.8#

68 9.7 3.7 5.5#

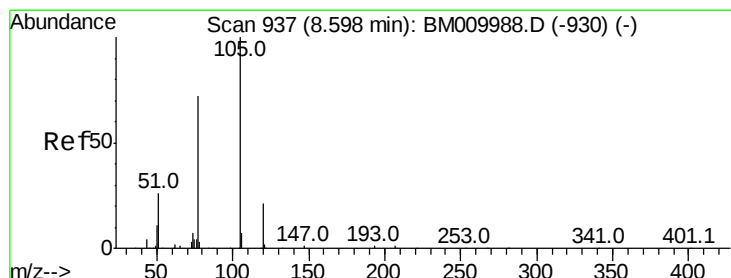
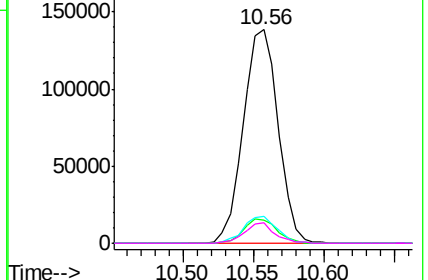
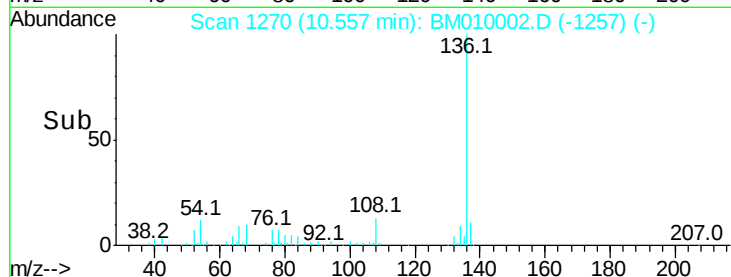


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.74 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Tgt Ion:105 Resp: 298665

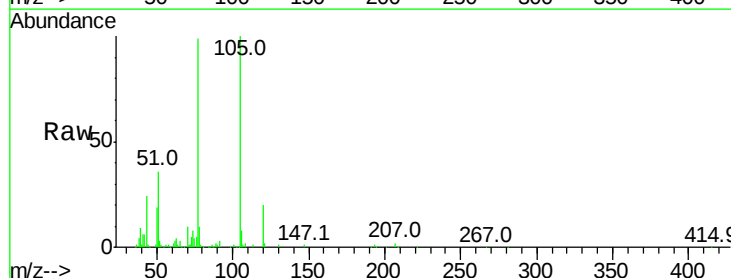
Ion Ratio Lower Upper

105 100

71 0.9 0.6 1.0

51 36.5 21.6 32.4#

120 19.7 16.1 24.1

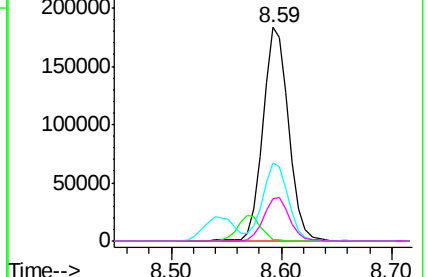
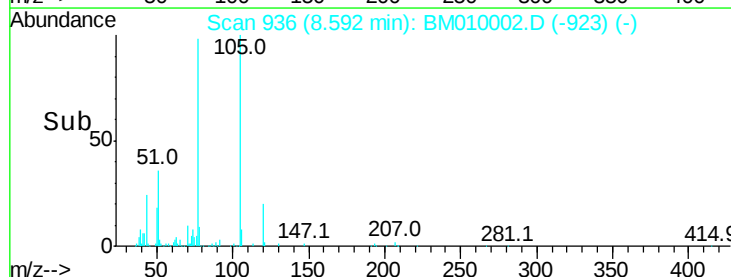


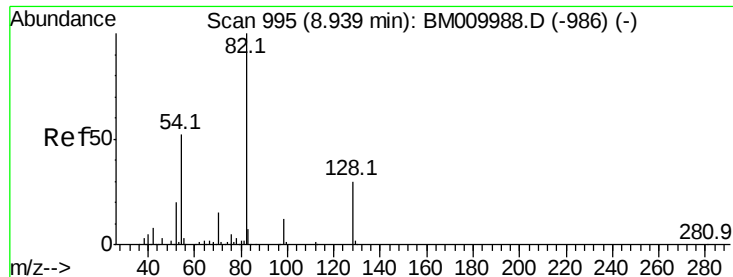
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.50 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

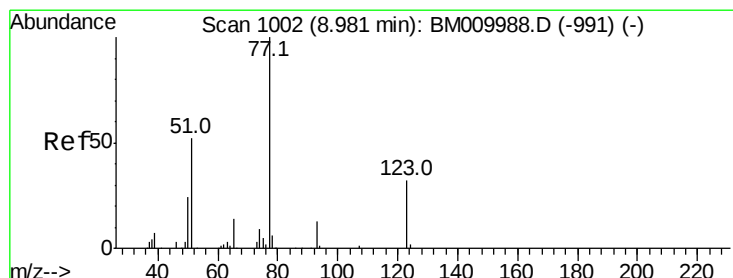
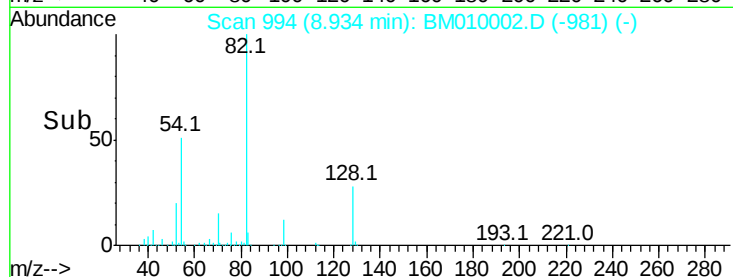
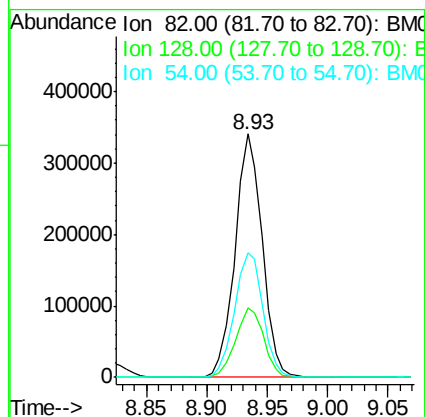
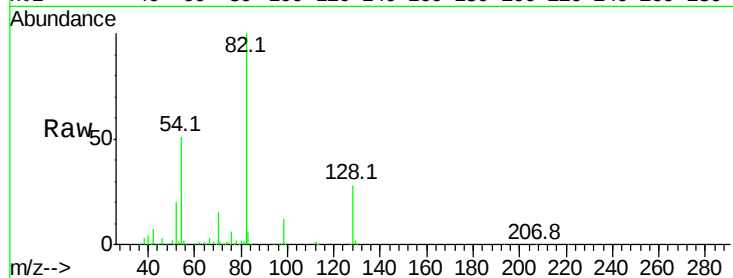
Tot Ion: 82 Resp: 534837

Ion Ratio Lower Upper

82 100

128 28.4 32.8 49.2#

54 50.9 40.6 60.8



#24

Nitrobenzene

Concen: 40.48 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

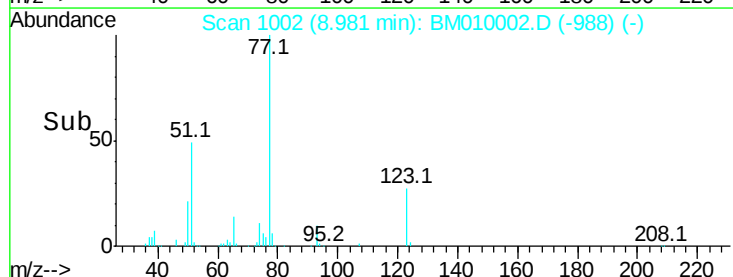
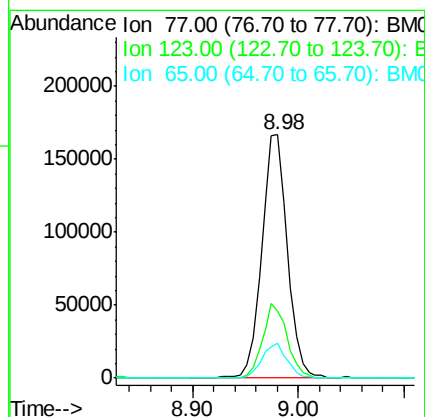
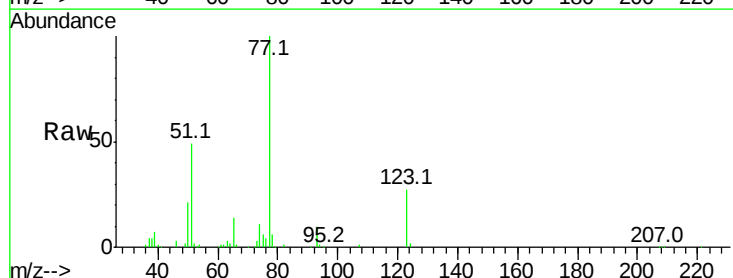
Tgt Ion: 77 Resp: 282726

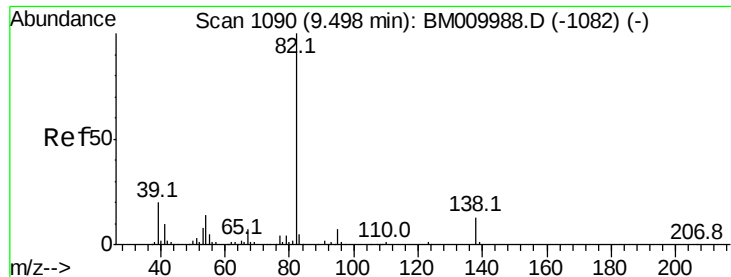
Ion Ratio Lower Upper

77 100

123 27.3 32.6 49.0#

65 14.2 10.9 16.3





#25

Isophorone

Concen: 41.54 ng

RT: 9.49 min Scan# 1089

Delta R.T. -0.03 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

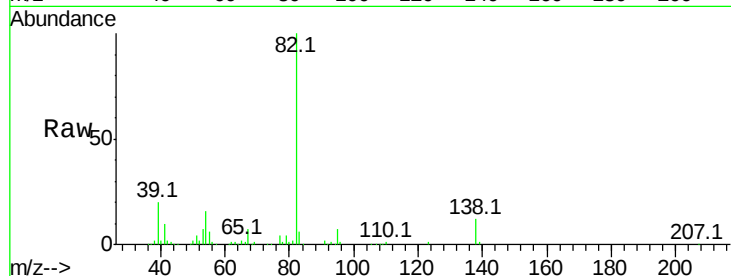
Tot Ion: 82 Resp: 469144

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

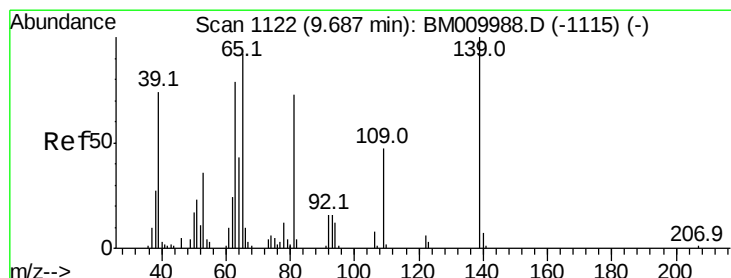
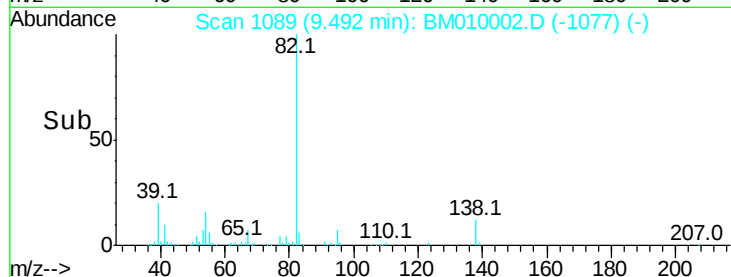
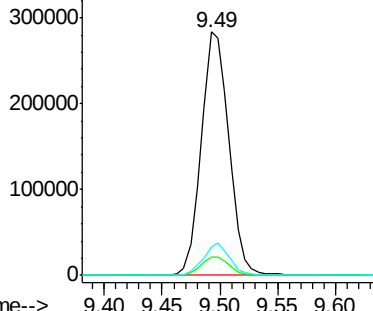
138 11.8 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010002.D (-1077) (-)

Ion 95.00 (94.70 to 95.70): BM010002.D (-1077) (-)

Ion 138.00 (137.70 to 138.70): BM010002.D (-1077) (-)



#26

2-Nitrophenol

Concen: 42.45 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

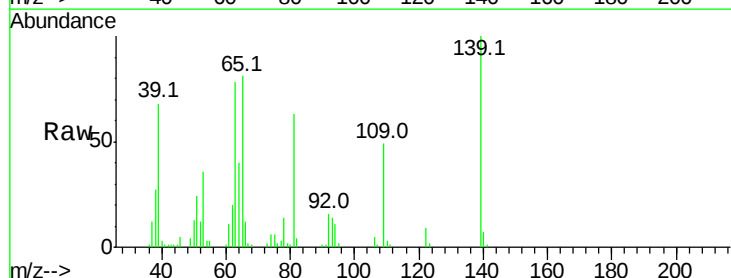
Tgt Ion: 139 Resp: 89271

Ion Ratio Lower Upper

139 100

109 49.0 20.1 30.1#

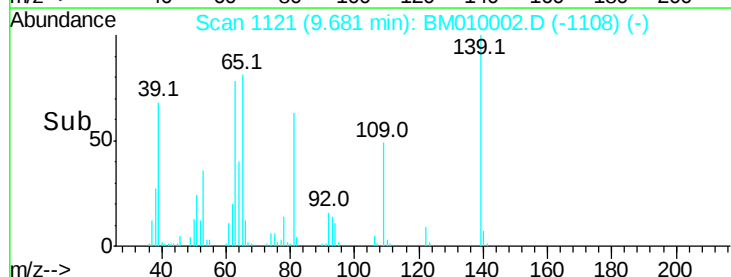
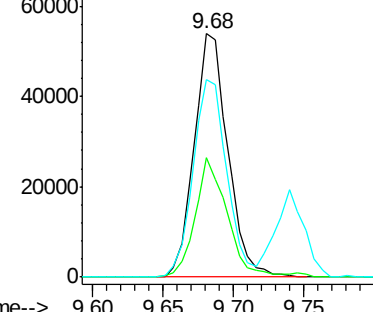
65 81.0 31.5 47.3#

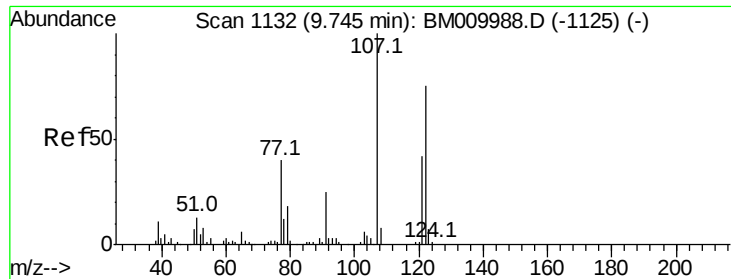


Abundance Ion 139.00 (138.70 to 139.70): BM010002.D (-1108) (-)

Ion 109.00 (108.70 to 109.70): BM010002.D (-1108) (-)

Ion 65.00 (64.70 to 65.70): BM010002.D (-1108) (-)

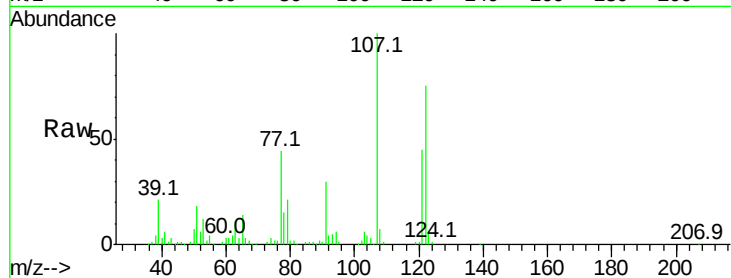




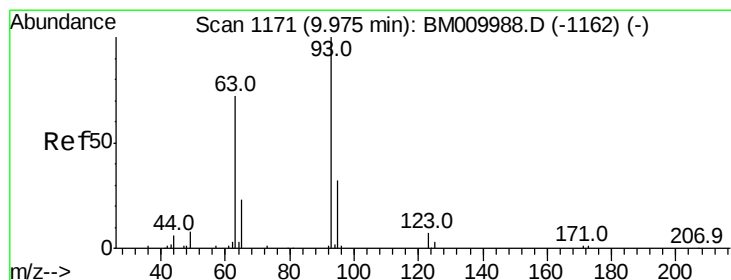
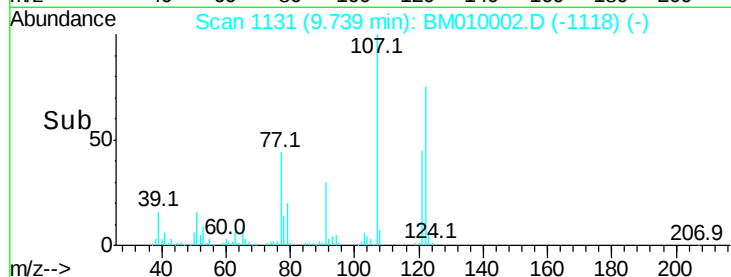
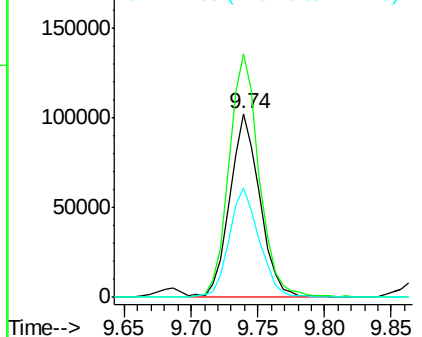
#27
 2,4-Dimethylphenol
 Concen: 40.62 ng
 RT: 9.74 min Scan# 1131
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.7	84.7	127.1#
121	59.6	46.6	69.8

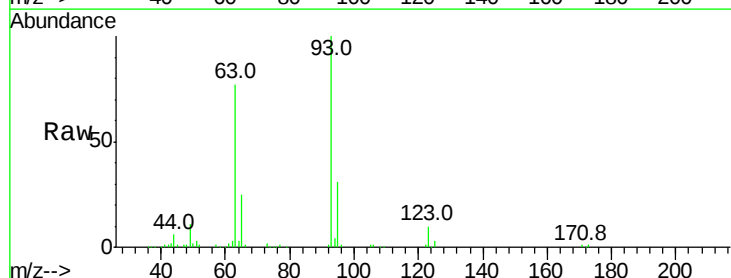


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

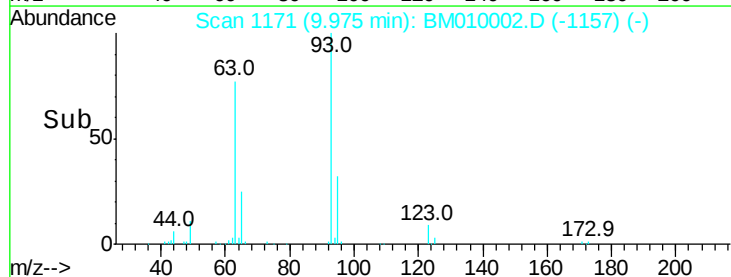
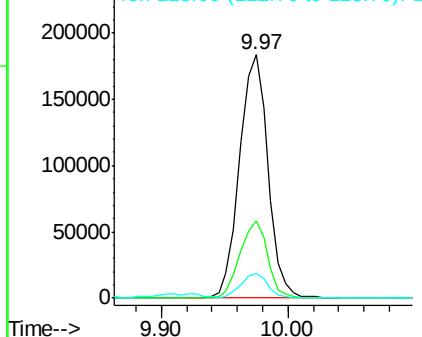


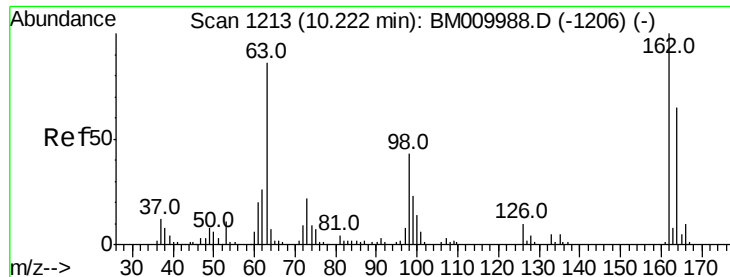
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.85 ng
 RT: 9.97 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.5	38.3
123	10.1	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

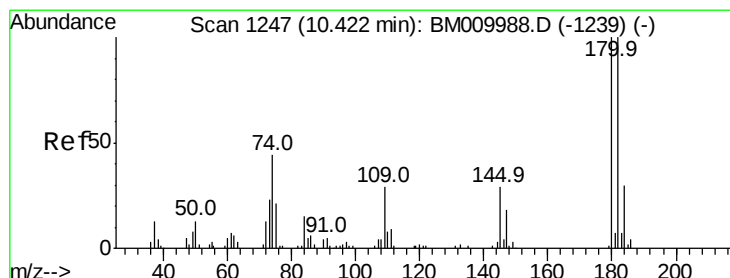
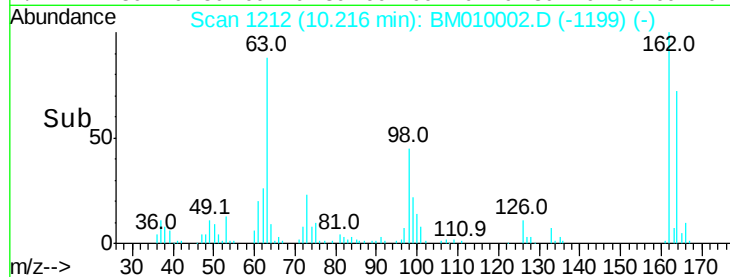
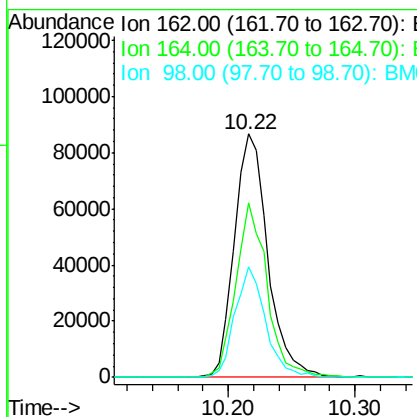
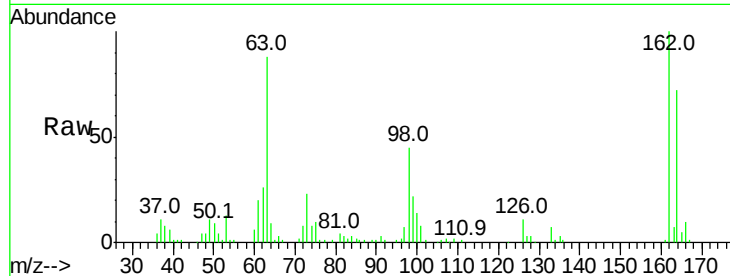




#29
 2,4-Dichlorophenol
 Concen: 41.34 ng
 RT: 10.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

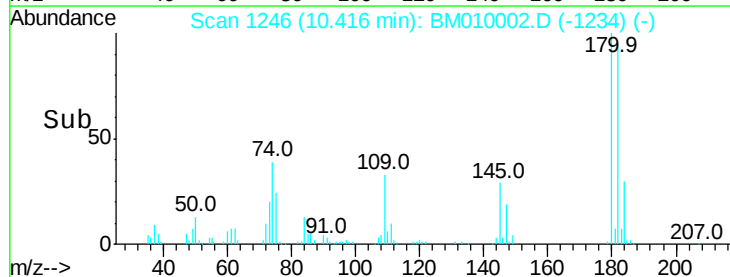
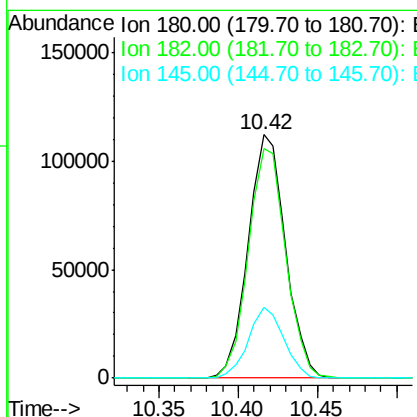
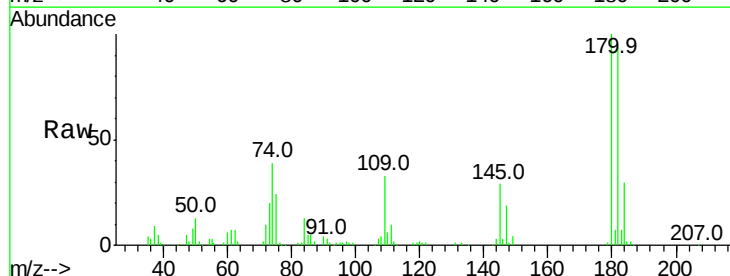
Instrument :
 BNA_M
 ClientSampleID :

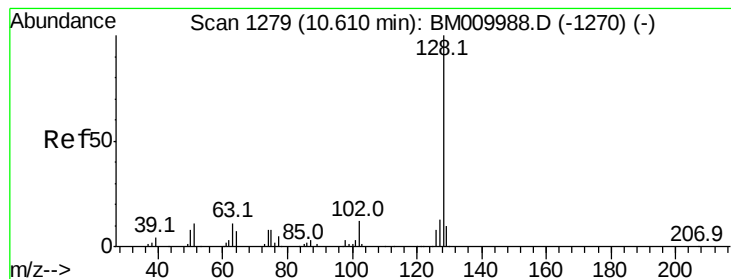
Tot Ion	Ratio	Lower	Upper
162	100		
164	71.6	42.8	82.8
98	45.2	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 41.11 ng
 RT: 10.42 min Scan# 1246
 Delta R.T. -0.03 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.6	116.4
145	29.0	23.4	35.2





#31

Naphthalene

Concen: 40.37 ng

RT: 10.60 min Scan# 1278

Delta R.T. -0.03 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

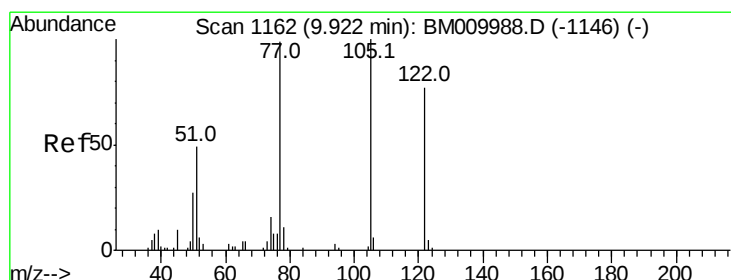
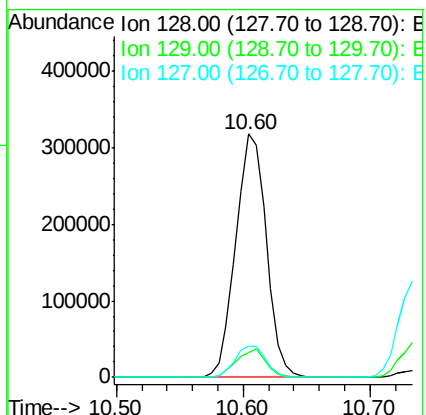
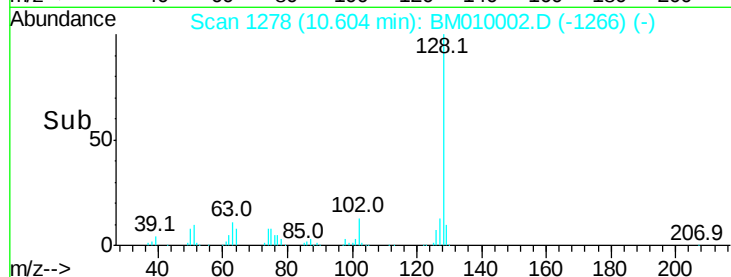
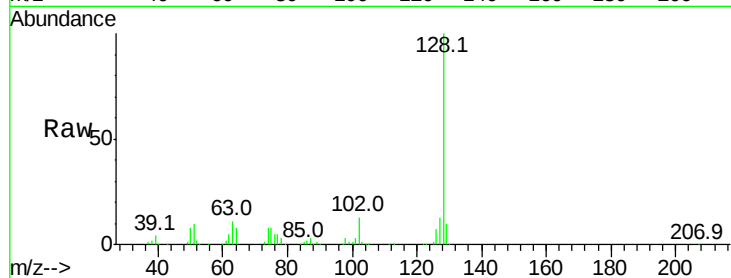
Tot Ion:128 Resp: 533035

Ion Ratio Lower Upper

128 100

129 10.4 8.9 13.3

127 12.8 10.4 15.6



#32

Benzoic acid

Concen: 40.78 ng

RT: 9.92 min Scan# 1162

Delta R.T. -0.04 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

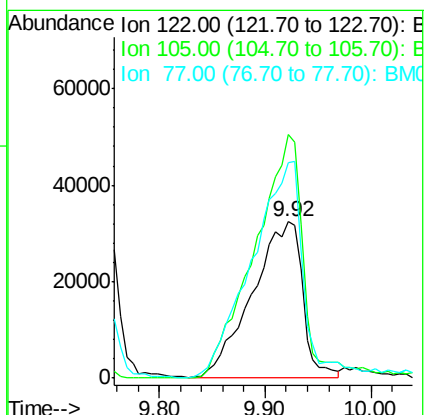
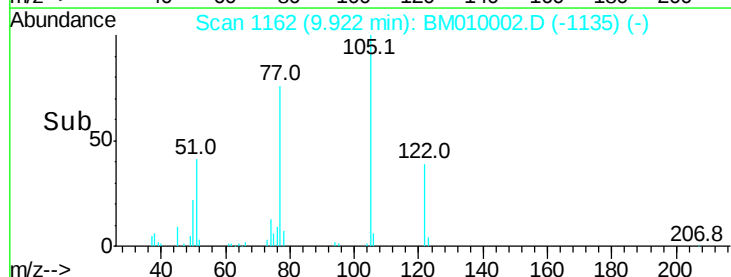
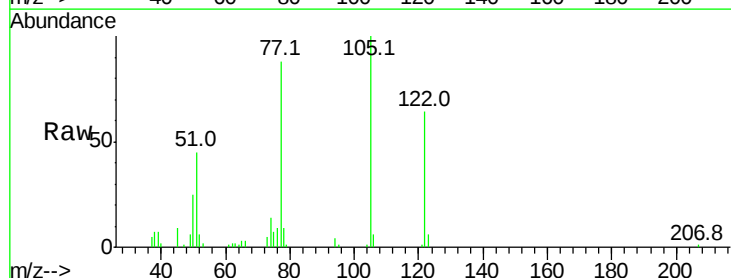
Tgt Ion:122 Resp: 107364

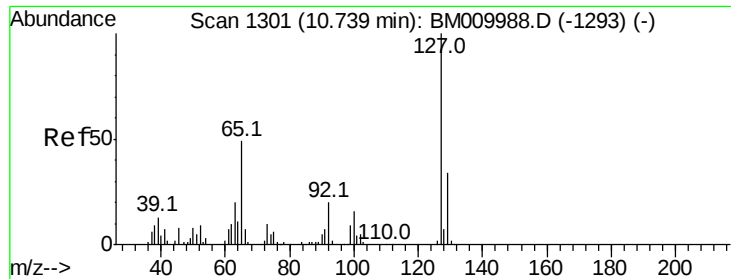
Ion Ratio Lower Upper

122 100

105 155.8 99.9 139.9#

77 137.7 73.7 113.7#

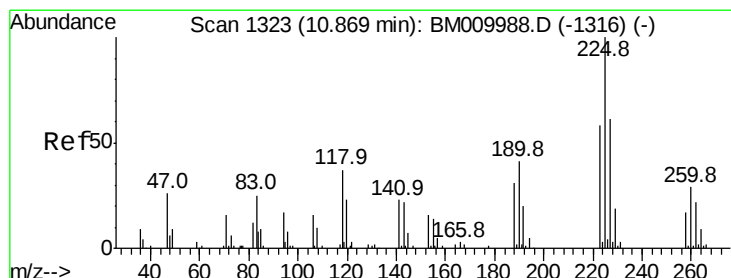
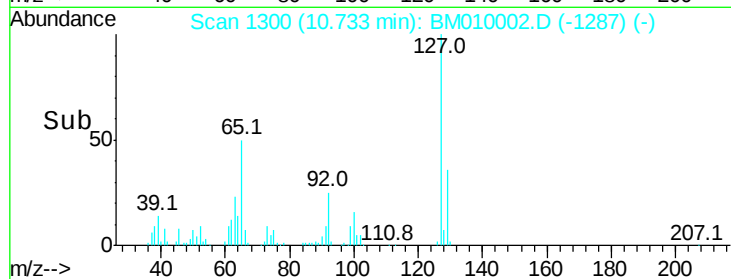
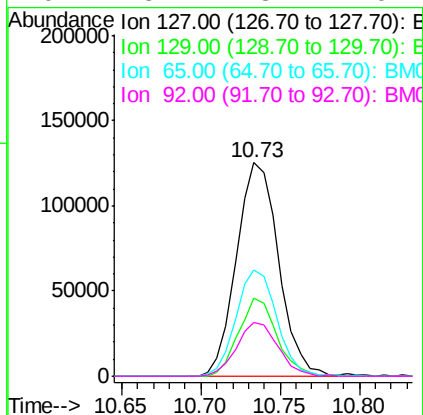
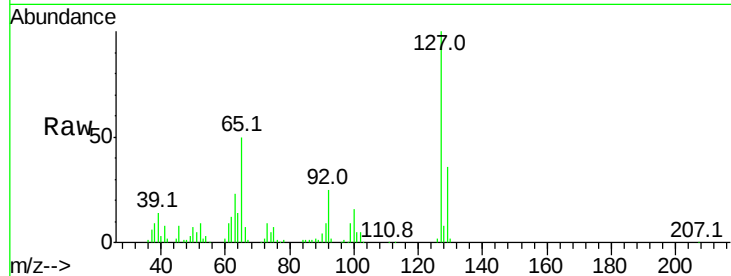




#33
4-Chloroaniline
Concen: 41.29 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

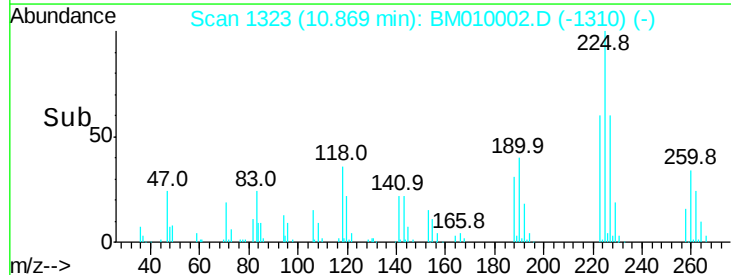
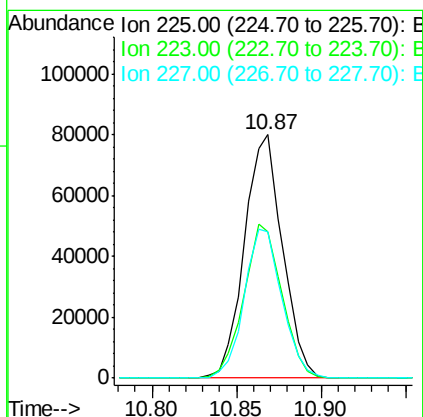
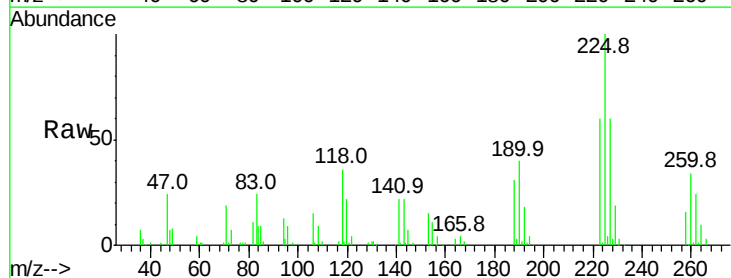
Instrument :
BNA_M
ClientSampleId :

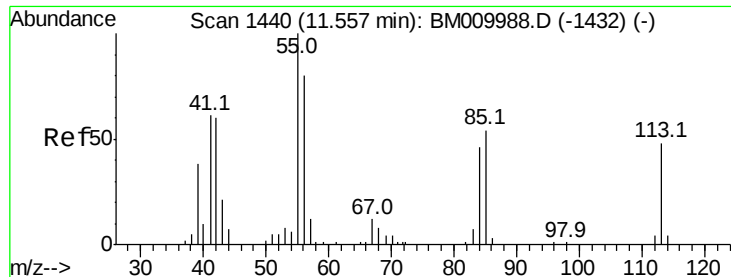
Tot Ion:	127	Resp:	231773
Ion	Ratio	Lower	Upper
127	100		
129	36.4	25.3	37.9
65	49.7	17.6	26.4
92	25.2	13.1	19.7



#34
Hexachlorobutadiene
Concen: 41.19 ng
RT: 10.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

Tgt Ion:	225	Resp:	125345
Ion	Ratio	Lower	Upper
225	100		
223	59.9	47.9	71.9
227	59.9	50.1	75.1

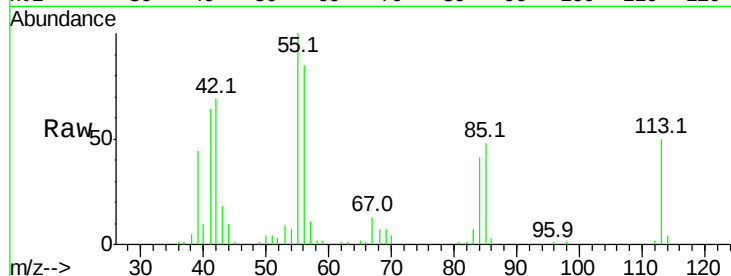




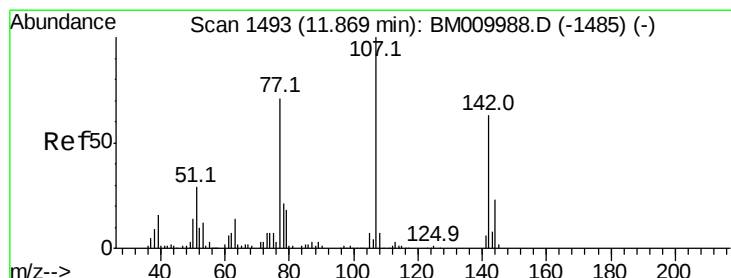
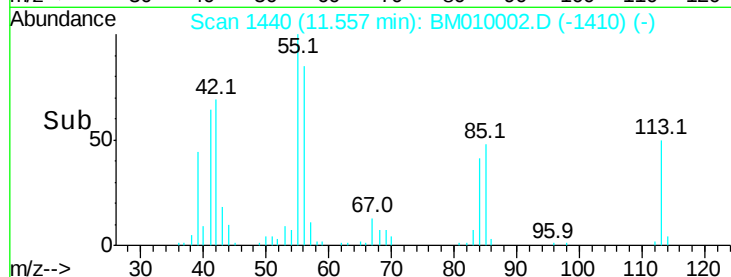
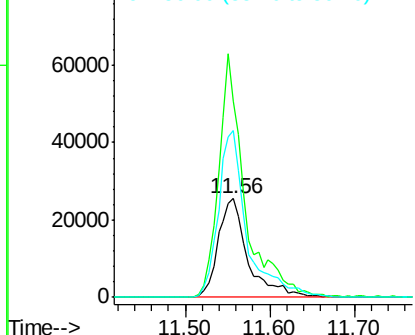
#35
 Caprolactam
 Concen: 41.78 ng
 RT: 11.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:113 Resp: 62512
 Ion Ratio Lower Upper
 113 100
 55 199.0 145.9 185.9#
 56 169.8 101.0 141.0#

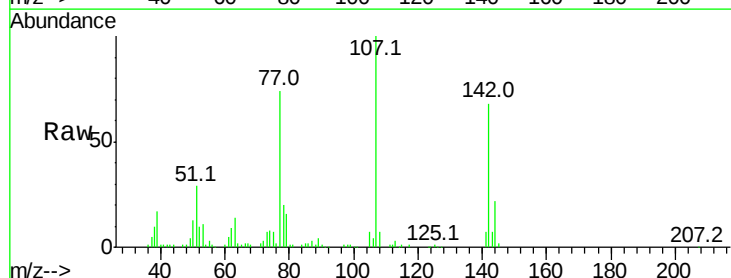


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BM0
 Ion 56.00 (55.70 to 56.70): BM0

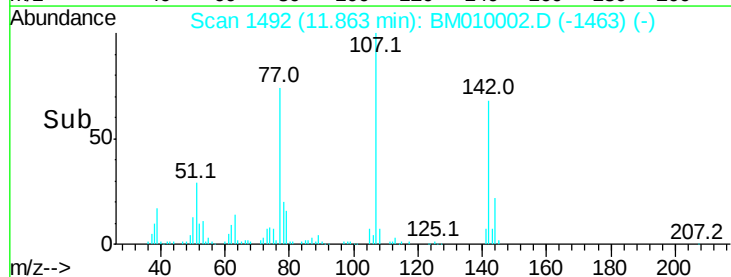
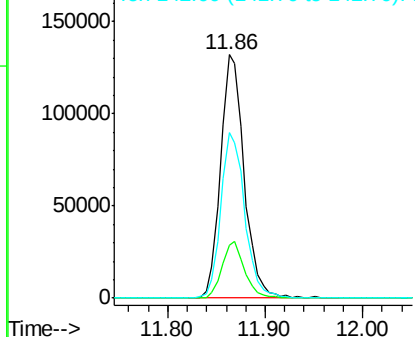


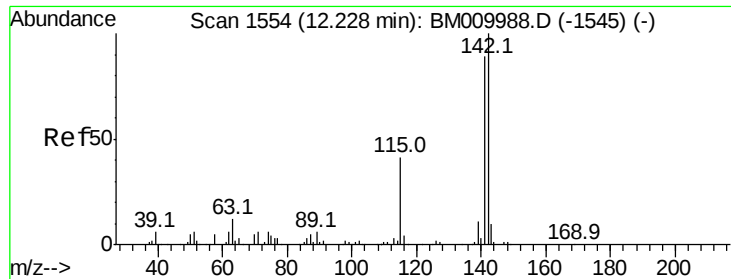
#36
 4-Chloro-3-methylphenol
 Concen: 43.19 ng
 RT: 11.86 min Scan# 1492
 Delta R.T. -0.03 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Tgt Ion:107 Resp: 221034
 Ion Ratio Lower Upper
 107 100
 144 22.0 23.3 34.9#
 142 67.9 72.6 109.0#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

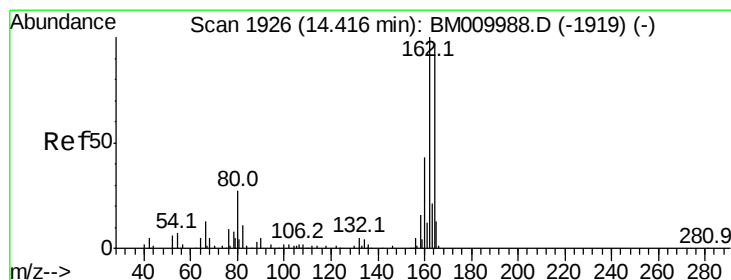
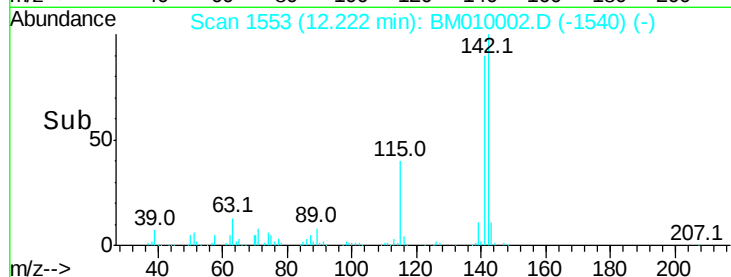
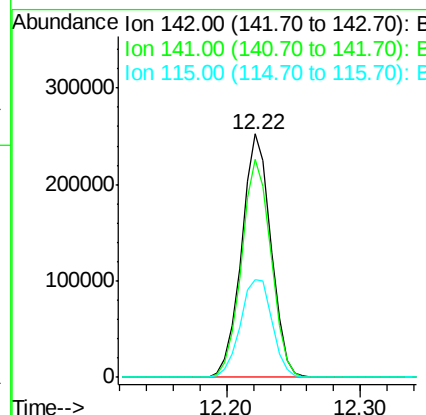
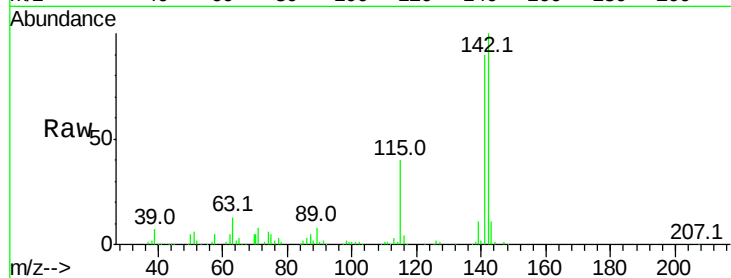




#37
2-Methylnaphthalene
Concen: 40.62 ng
RT: 12.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

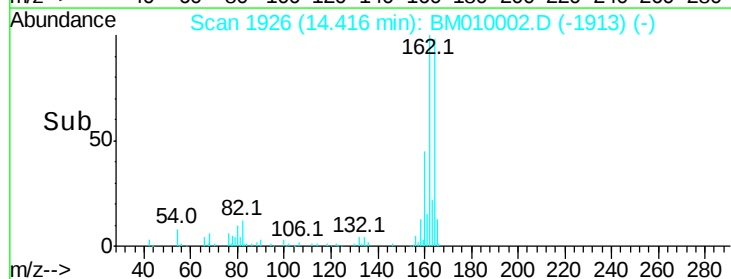
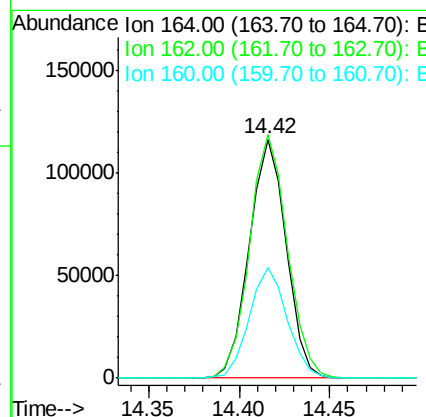
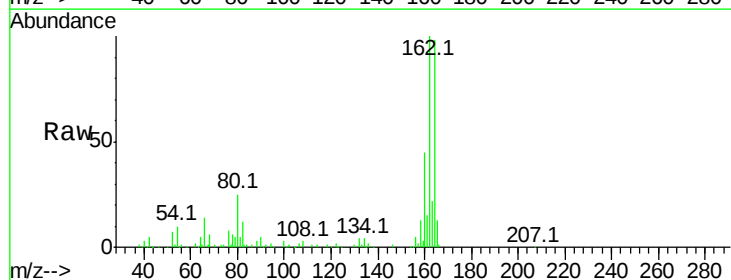
Instrument :
BNA_M
ClientSampleId :

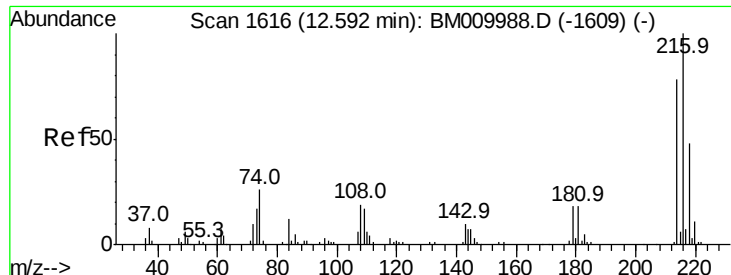
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.9	107.9
115	40.4	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.4	123.6
160	46.3	35.8	53.6

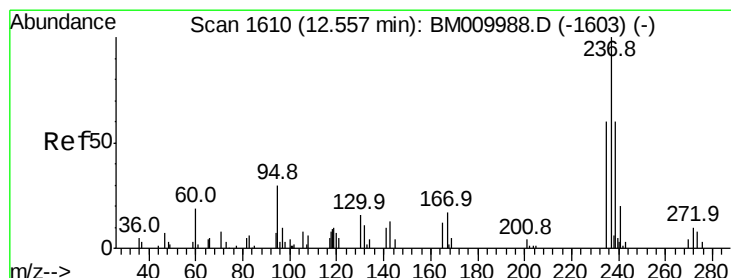
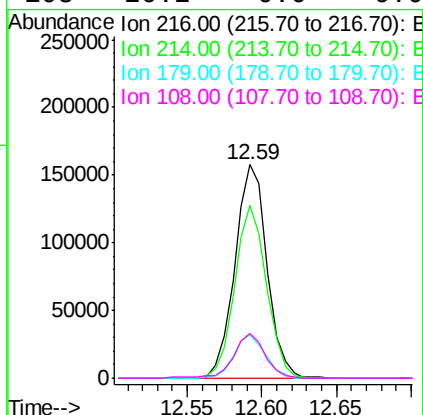
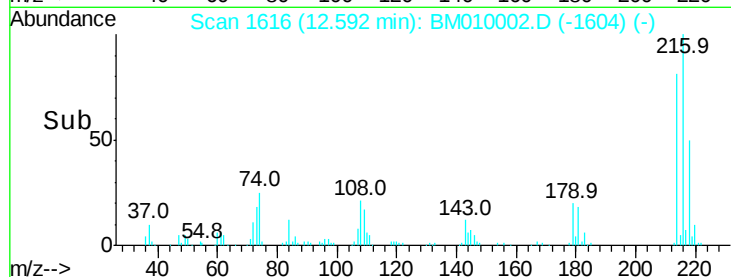
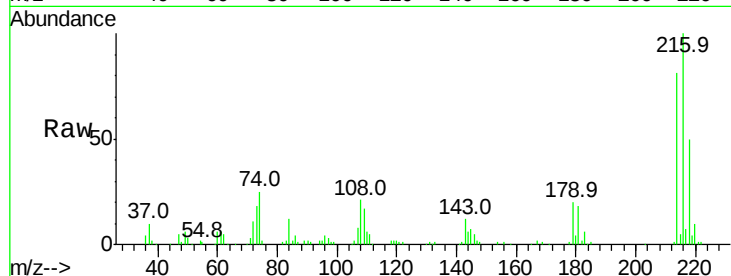




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.31 ng
 RT: 12.59 min Scan# 1616
 Delta R.T. -0.03 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

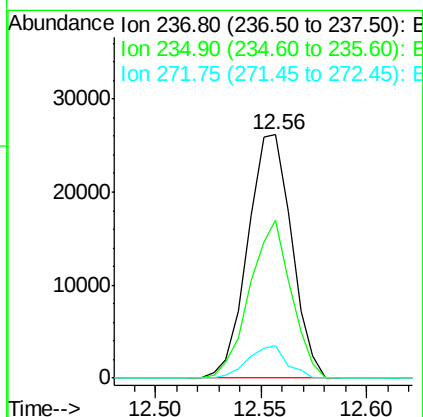
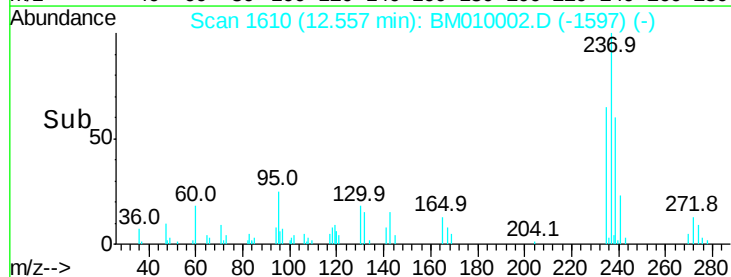
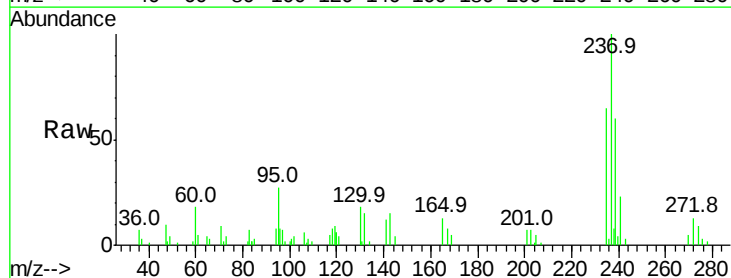
Instrument :
 BNA_M
 ClientSampled :

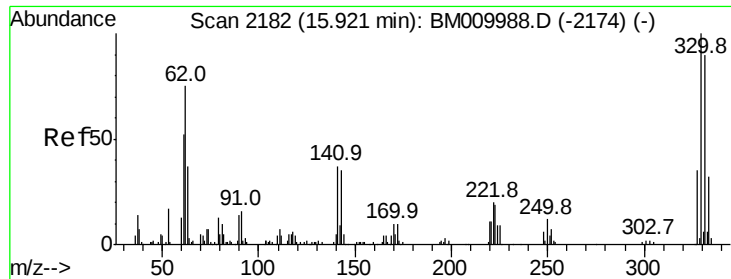
Tot Ion:	216	Resp:	236013
Ion	Ratio	Lower	Upper
216	100		
214	79.6	0.0	0.0#
179	19.8	0.0	0.0#
108	20.2	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 39.98 ng
 RT: 12.56 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Tgt Ion:	237	Resp:	37733
Ion	Ratio	Lower	Upper
237	100		
235	65.0	42.0	82.0
272	13.5	0.0	33.4

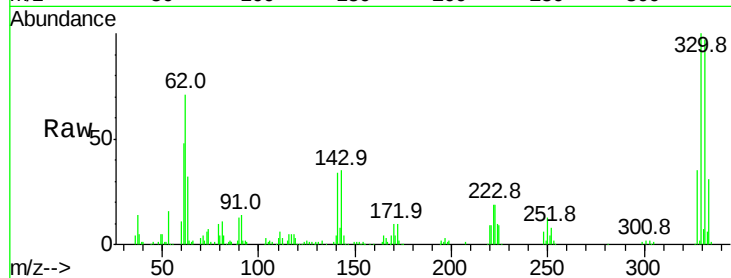




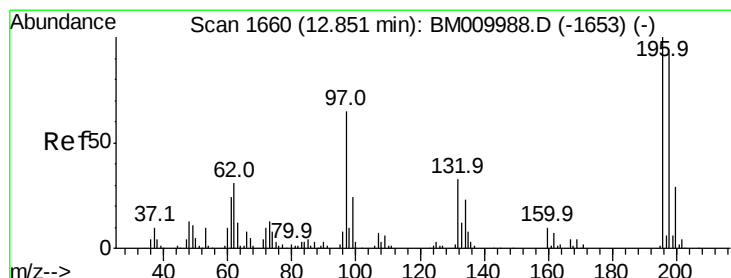
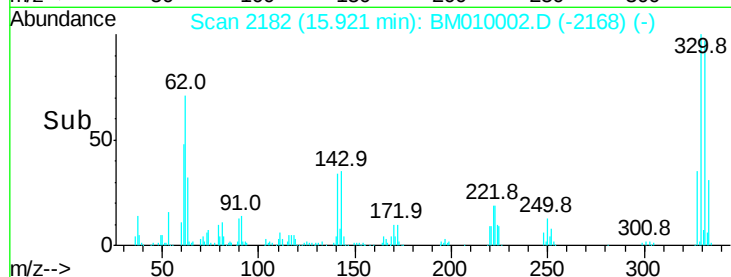
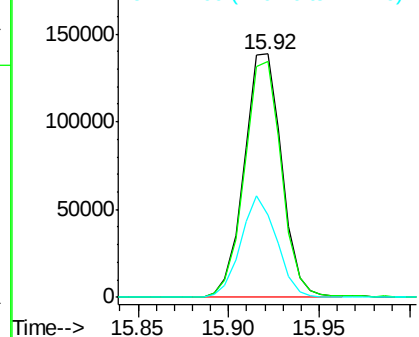
#41
 2,4,6-Tribromophenol
 Concen: 88.36 ng
 RT: 15.92 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	40.0	0.0	0.0#

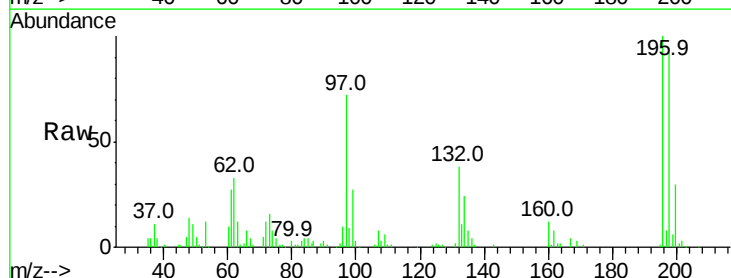


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

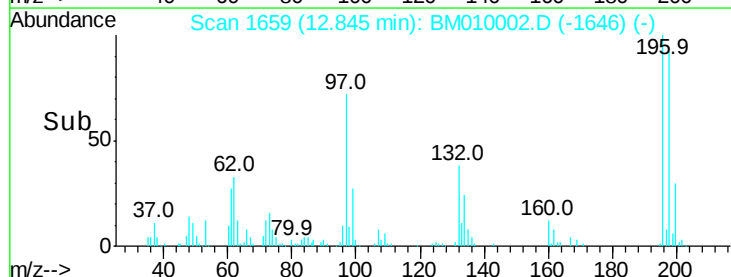
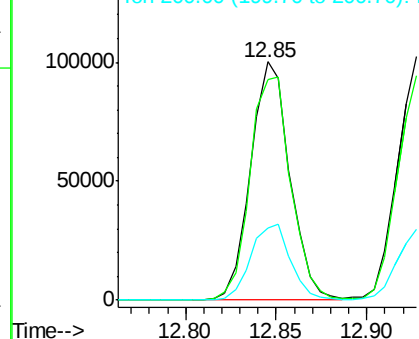


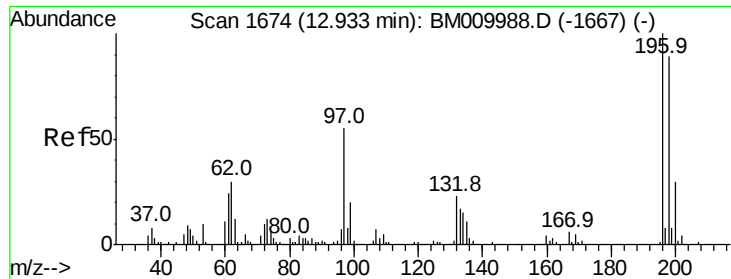
#42
 2,4,6-Trichlorophenol
 Concen: 40.83 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	76.3	114.5
200	30.1	25.6	38.4



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

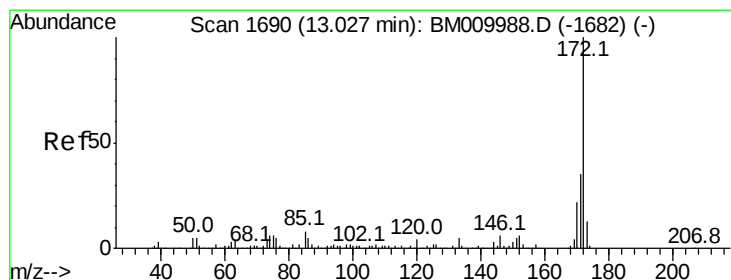
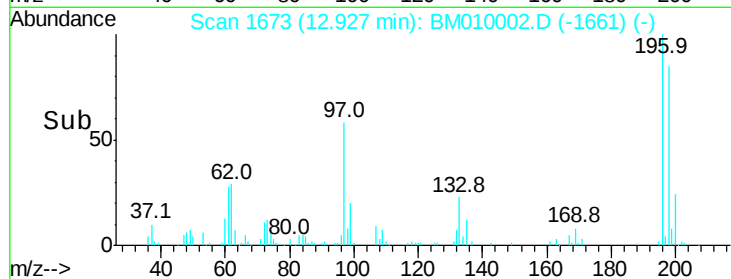
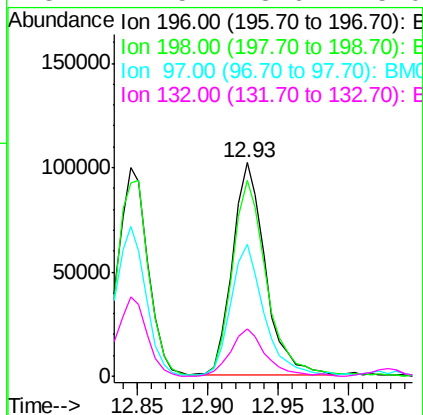
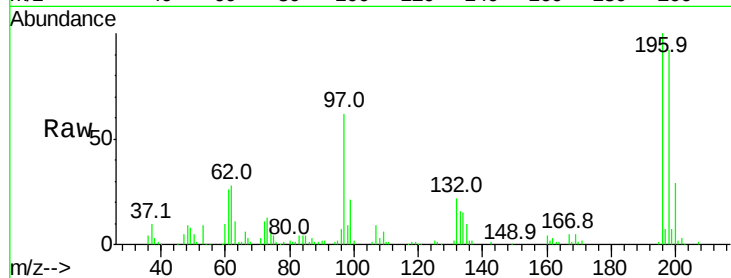




#43
 2,4,5-Trichlorophenol
 Concen: 41.32 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.03 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

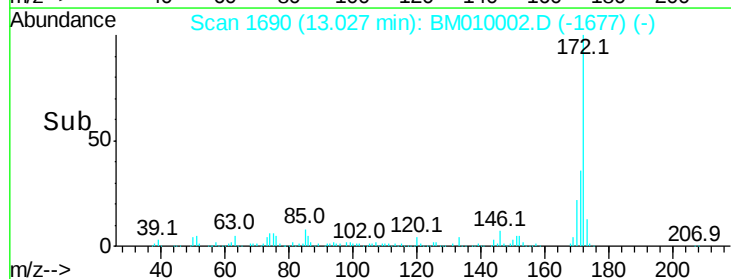
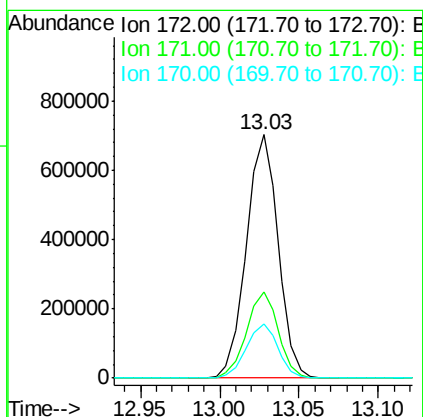
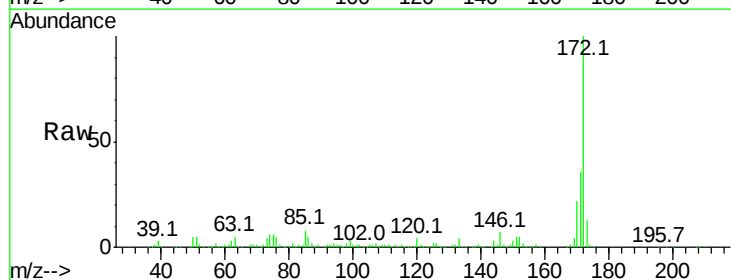
Instrument :
 BNA_M
 ClientSampleId :

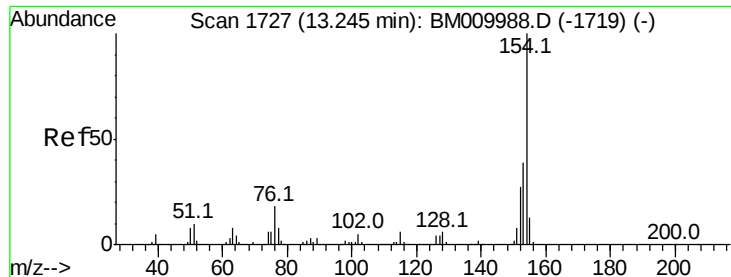
Tot Ion:	196	Resp:	165904
Ion	Ratio	Lower	Upper
196	100		
198	92.0	79.4	119.0
97	61.6	26.8	40.2#
132	22.5	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 79.40 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Tgt Ion:	172	Resp:	979319
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	22.1	18.8	28.2

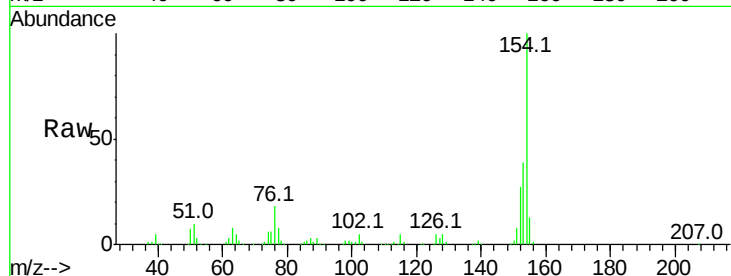




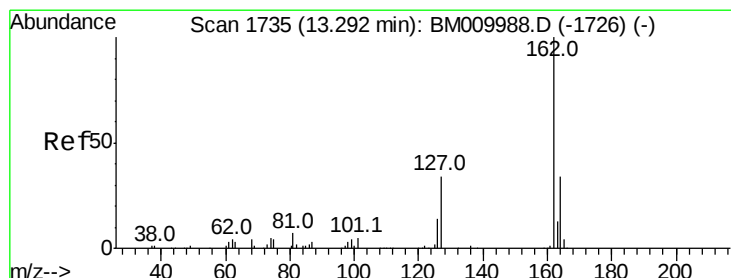
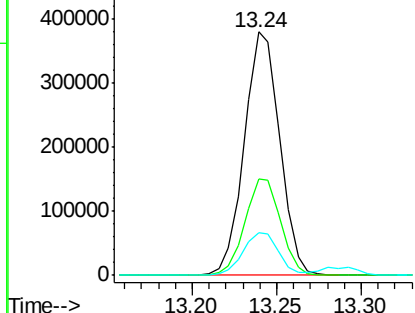
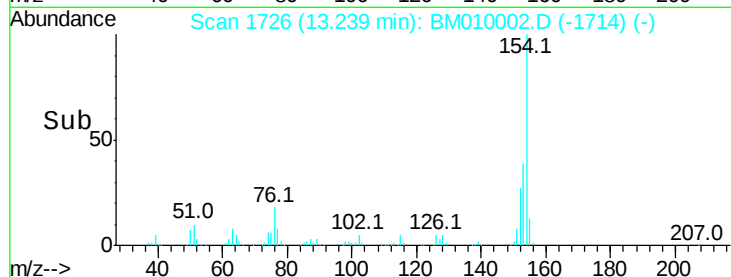
#45
 1,1'-Biphenyl
 Concen: 40.34 ng
 RT: 13.24 min Scan# 1726
 Delta R.T. -0.03 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.7	60.7
76	17.8	0.0	30.9

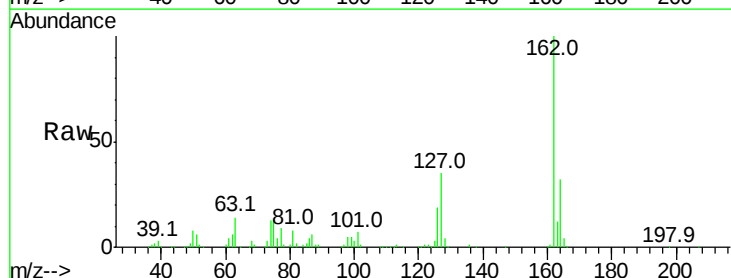


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

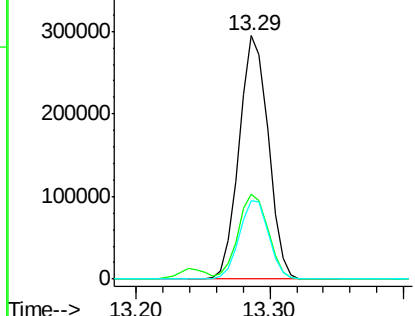
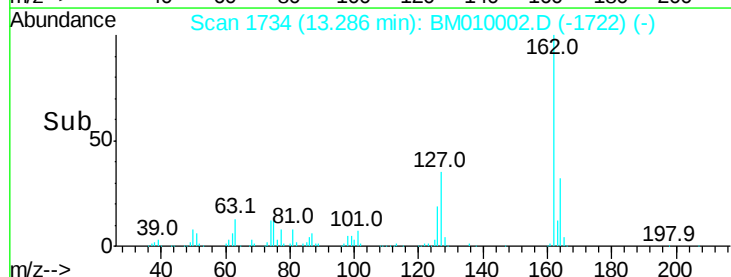


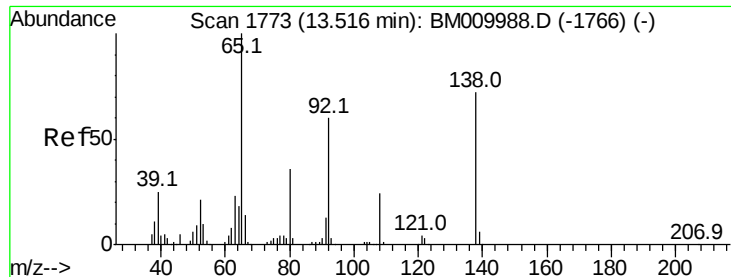
#46
 2-Chloronaphthalene
 Concen: 41.20 ng
 RT: 13.29 min Scan# 1734
 Delta R.T. -0.03 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.1	26.9	40.3
164	32.3	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: 43.43 ng

RT: 13.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

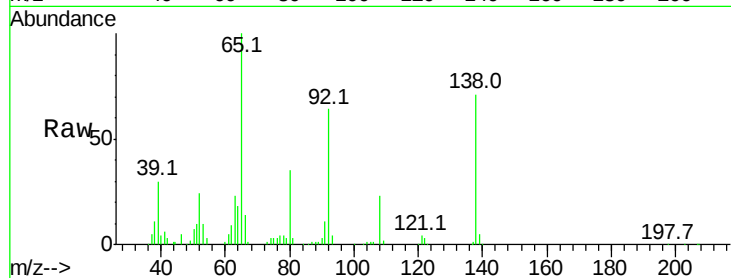
Tot Ion: 65 Resp: 212077

Ion Ratio Lower Upper

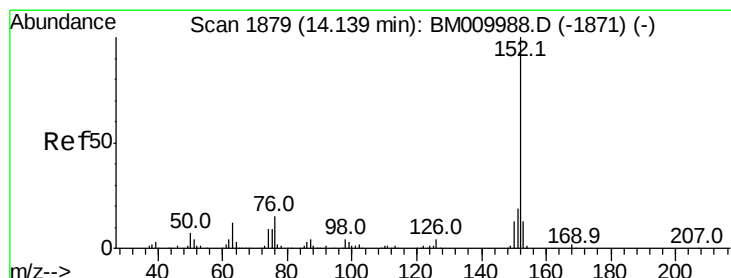
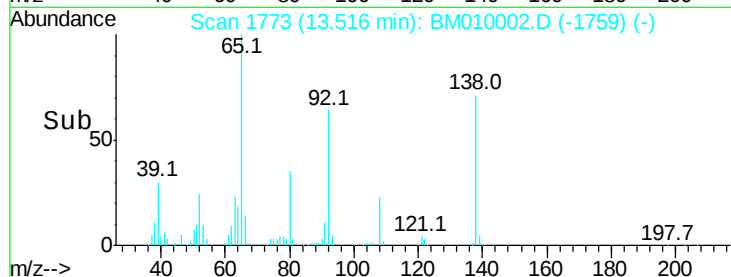
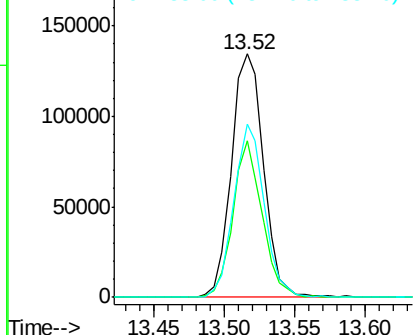
65 100

92 64.1 59.1 88.7

138 71.1 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 41.33 ng

RT: 14.14 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

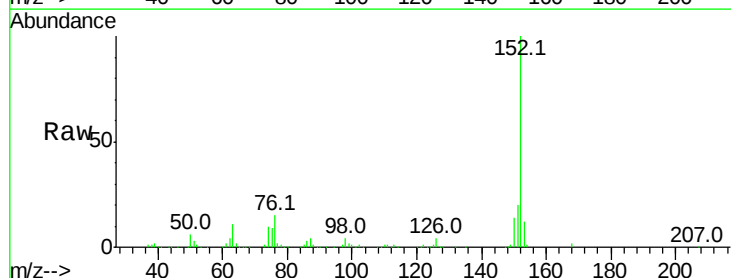
Tgt Ion: 152 Resp: 702062

Ion Ratio Lower Upper

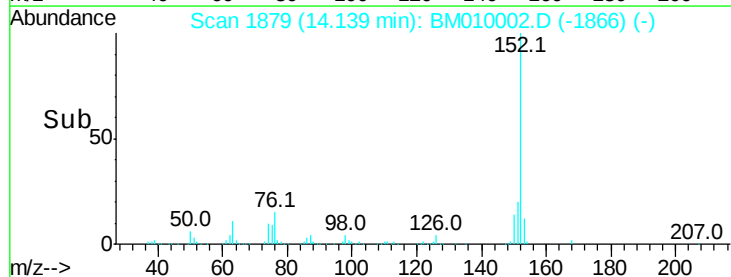
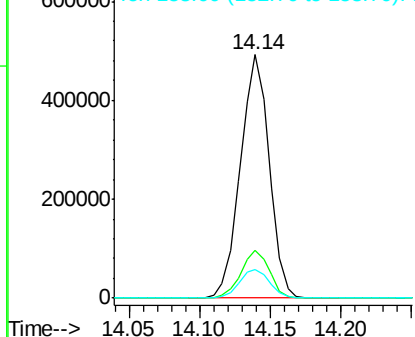
152 100

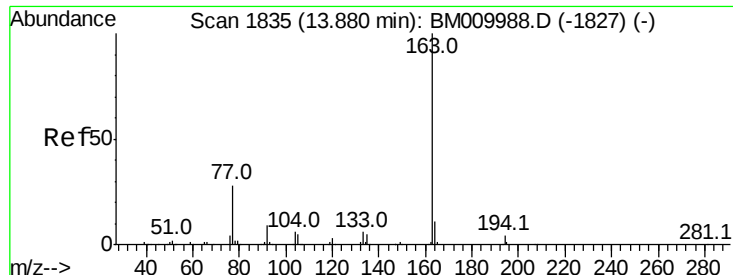
151 19.8 15.9 23.9

153 11.7 10.6 16.0



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

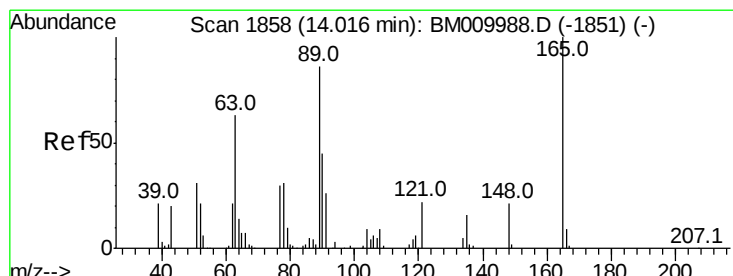
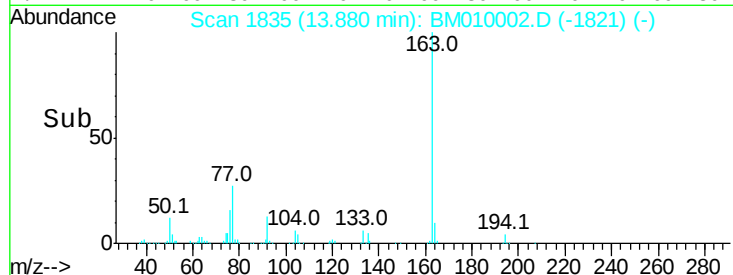
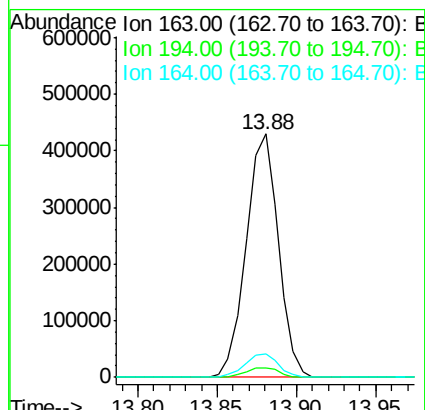
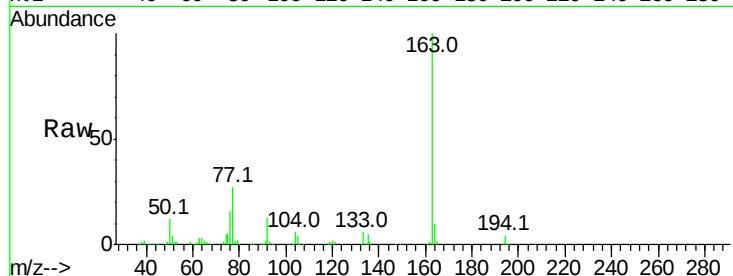




#49
Dimethylphthalate
Concen: 41.68 ng
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

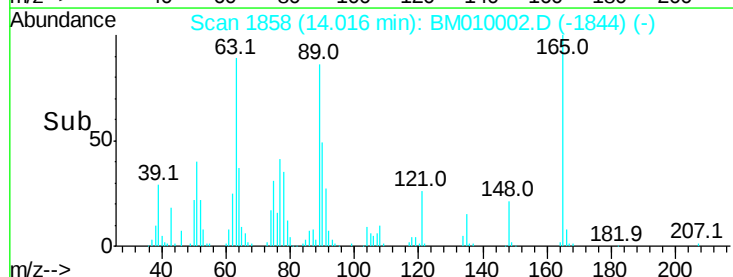
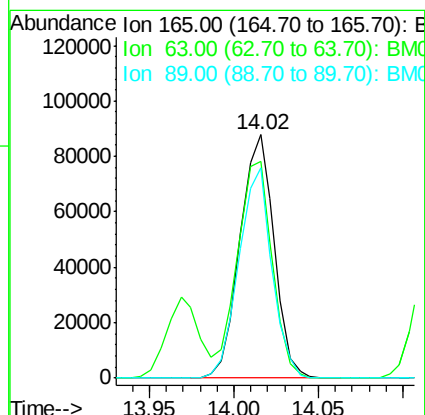
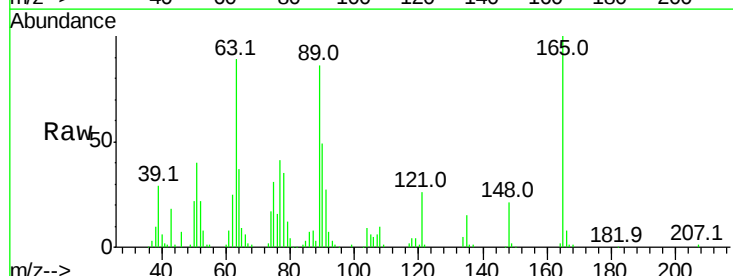
Instrument :
BNA_M
ClientSampleId :

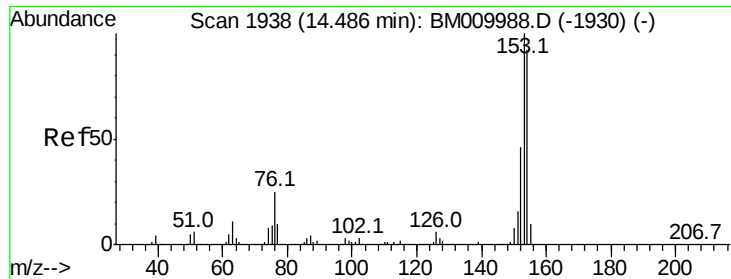
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 41.80 ng
RT: 14.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	89.1	44.1	66.1#
89	86.4	44.3	66.5#





#51

Acenaphthene

Concen: 41.01 ng

RT: 14.48 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampled :

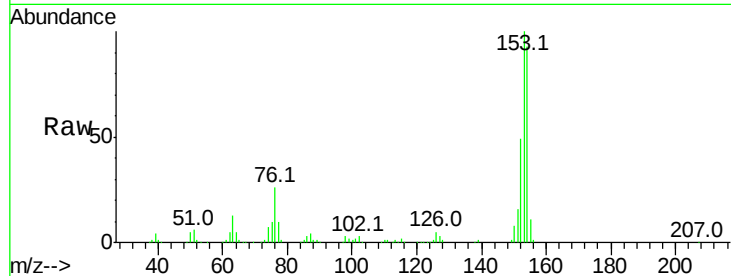
Tot Ion:154 Resp: 439022

Ion Ratio Lower Upper

154 100

153 107.8 90.0 135.0

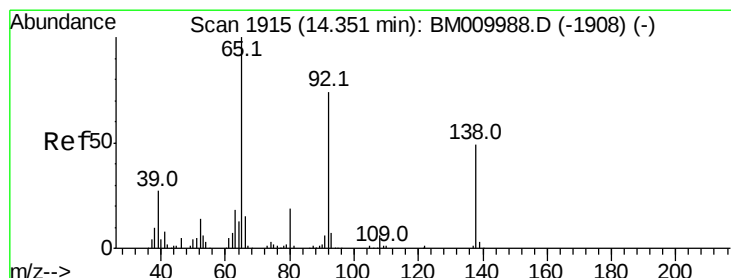
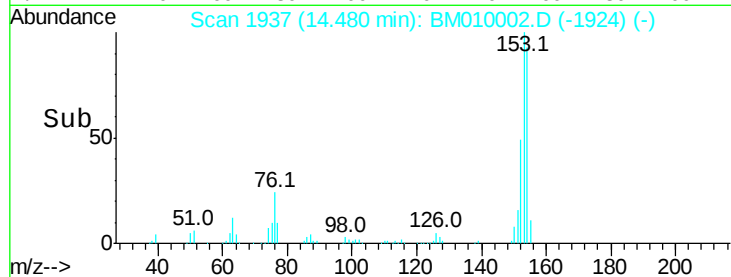
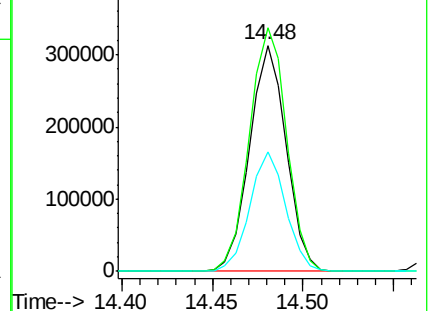
152 52.7 42.6 63.8



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: 43.13 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

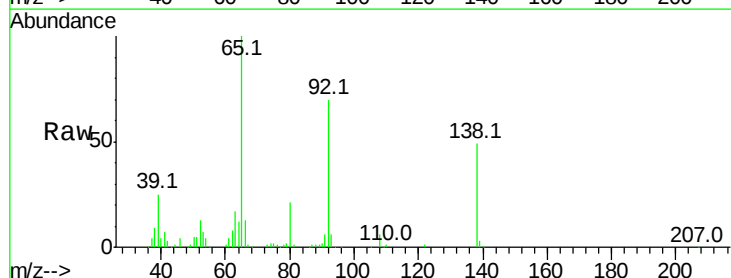
Tgt Ion:138 Resp: 134982

Ion Ratio Lower Upper

138 100

108 12.8 7.3 10.9#

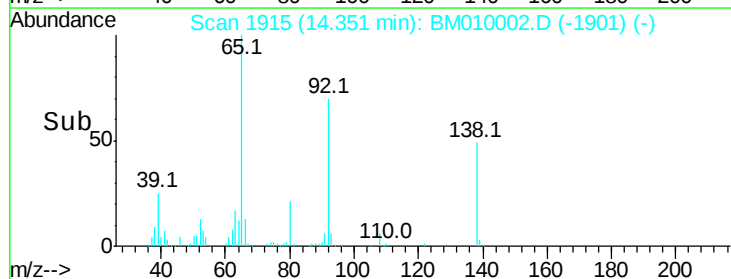
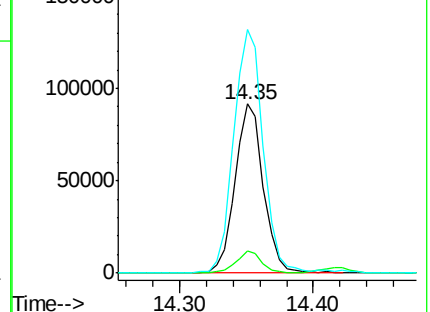
92 144.3 76.6 114.8#

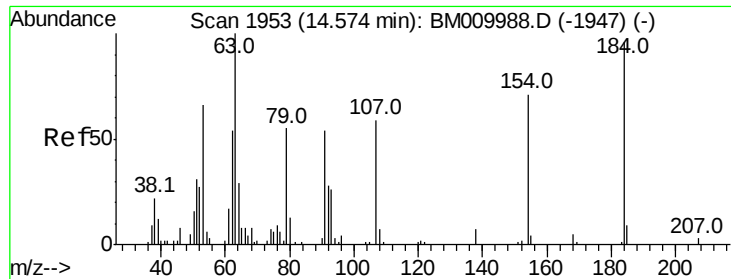


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM0

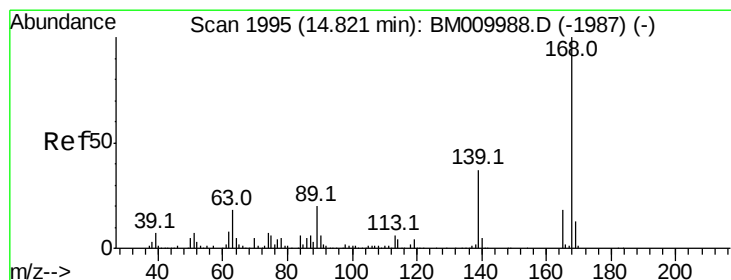
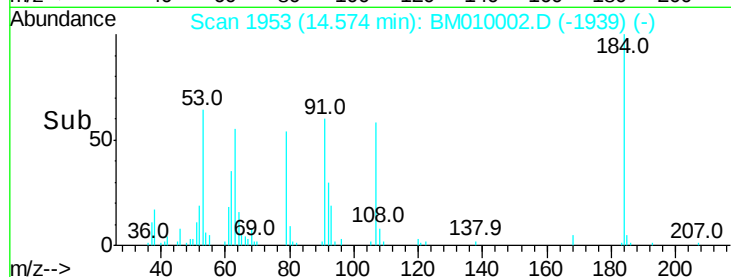
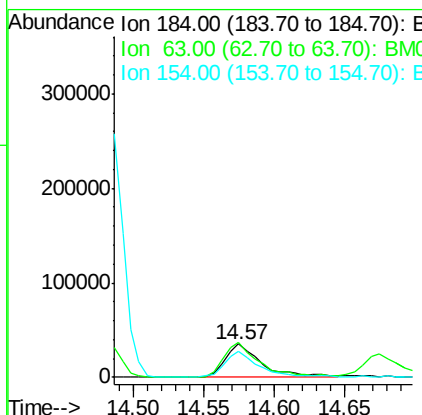
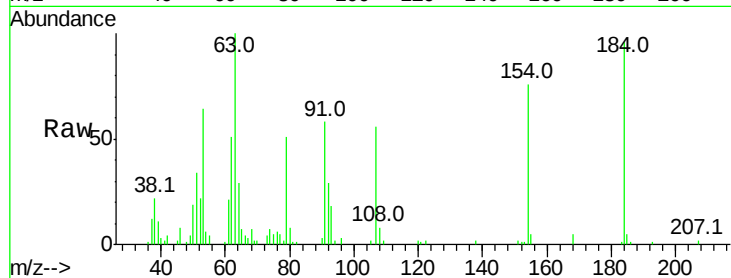




#53
2,4-Dinitrophenol
Concen: 40.72 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

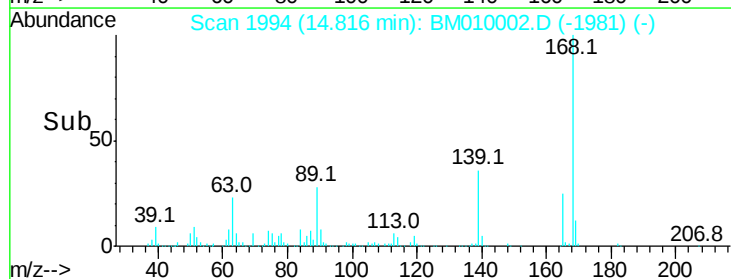
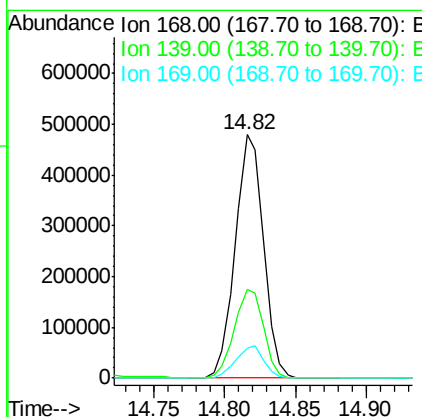
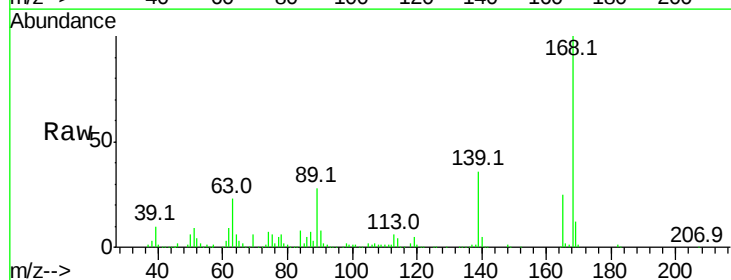
Instrument :
BNA_M
ClientSampleId :

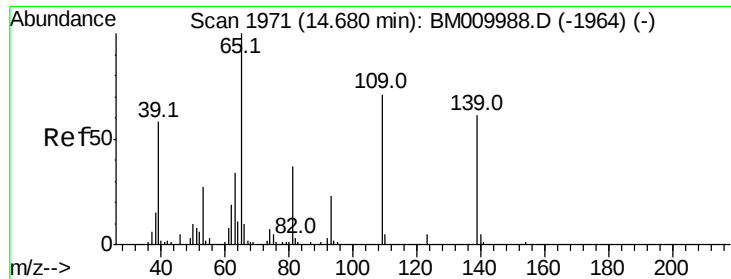
Tot Ion:184 Resp: 62622
Ion Ratio Lower Upper
184 100
63 104.0 69.2 103.8#
154 79.3 53.3 79.9



#54
Dibenzofuran
Concen: 40.78 ng
RT: 14.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

Tgt Ion:168 Resp: 668833
Ion Ratio Lower Upper
168 100
139 36.3 27.3 40.9
169 12.4 10.6 16.0

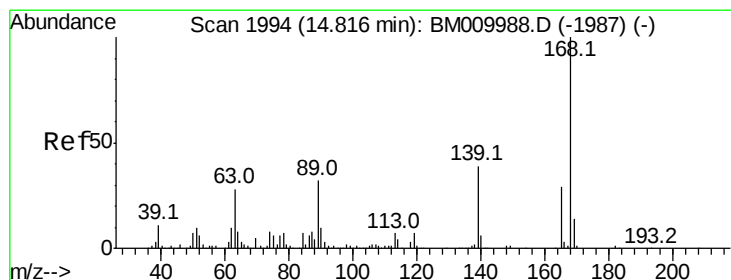
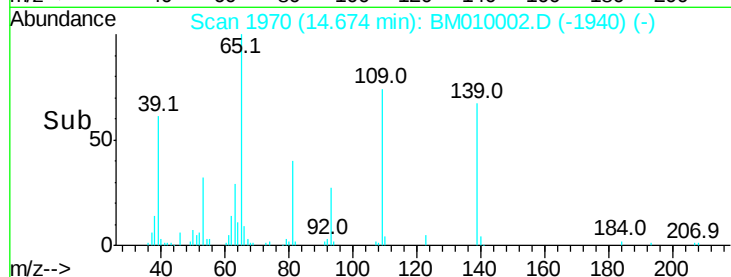
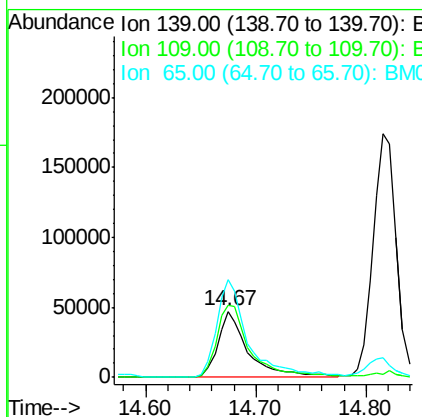
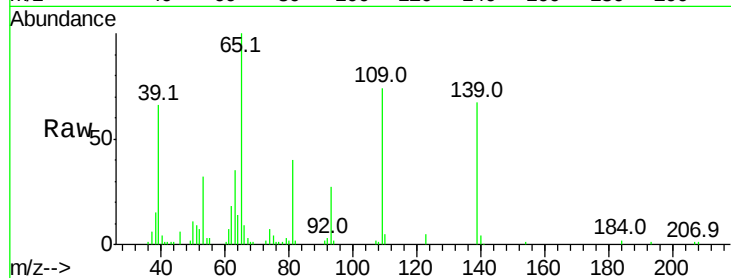




#55
4-Nitrophenol
Concen: 43.17 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

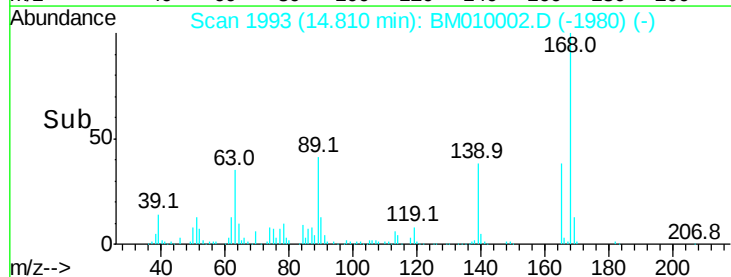
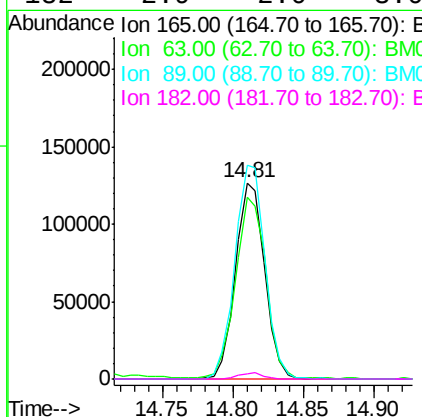
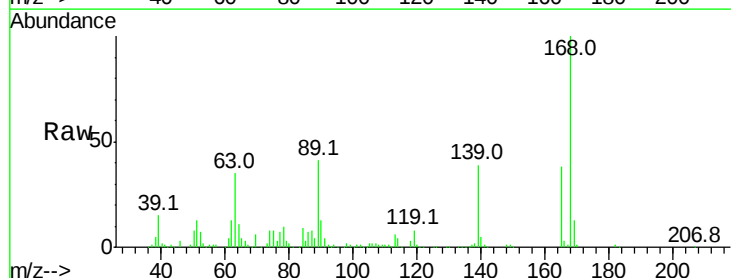
Instrument :
BNA_M
ClientSampled :

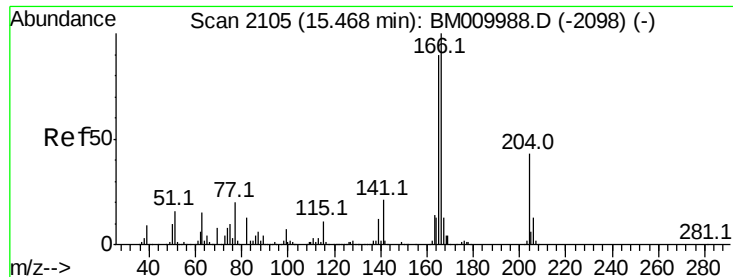
Tot Ion:139 Resp: 90460
Ion Ratio Lower Upper
139 100
109 110.3 37.7 77.7#
65 148.2 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 41.84 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

Tgt Ion:165 Resp: 182397
Ion Ratio Lower Upper
165 100
63 92.9 52.4 78.6#
89 109.0 72.4 108.6#
182 2.9 2.0 3.0

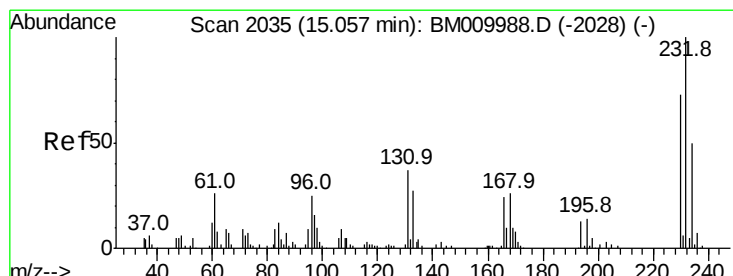
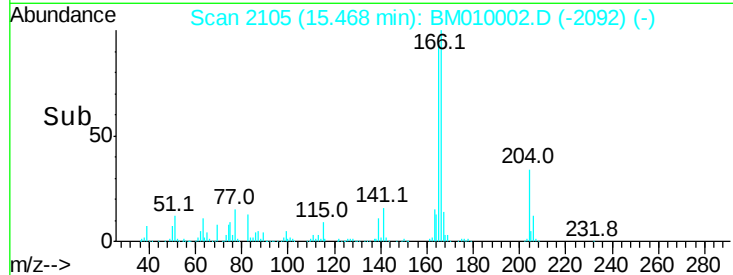
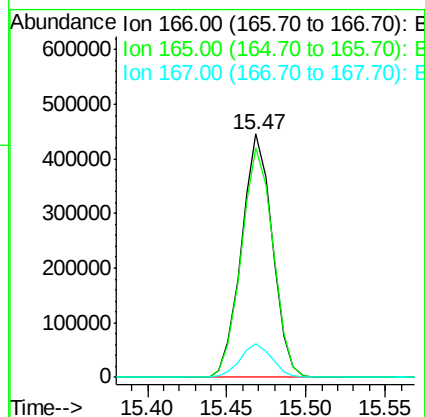
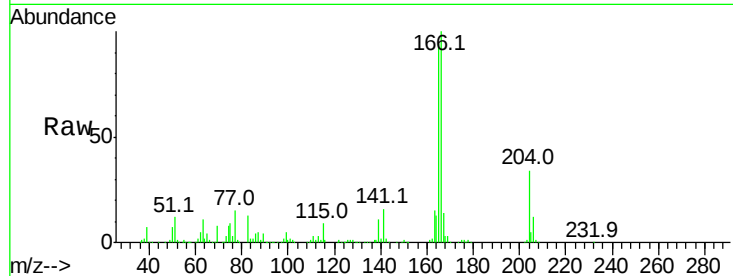




#57
 Fluorene
 Concen: 41.77 ng
 RT: 15.47 min Scan# 2105
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

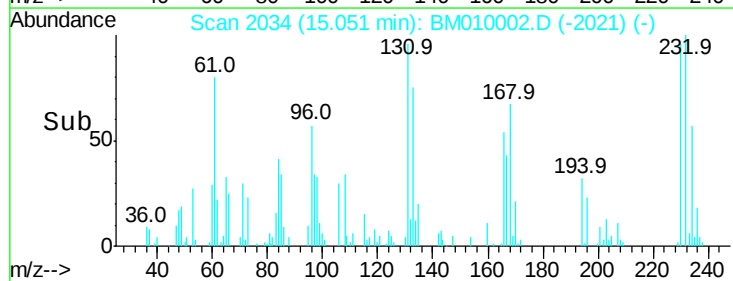
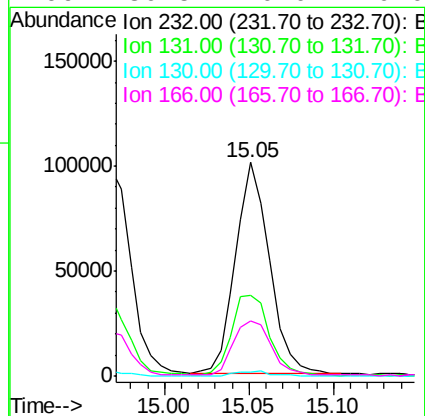
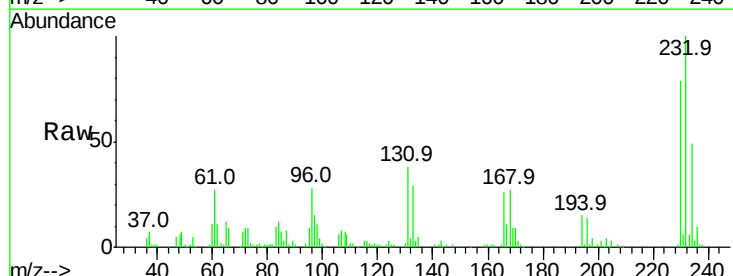
Instrument :
 BNA_M
 ClientSampleId :

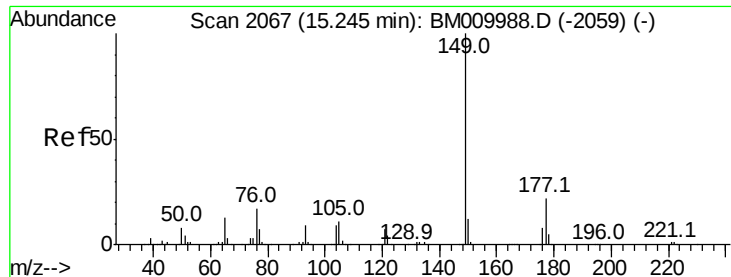
Tot Ion	Ratio	Lower	Upper
166	100		
165	94.2	79.0	118.4
167	13.9	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.80 ng
 RT: 15.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.0	0.0	0.0#
130	2.4	0.0	0.0#
166	30.5	0.0	0.0#

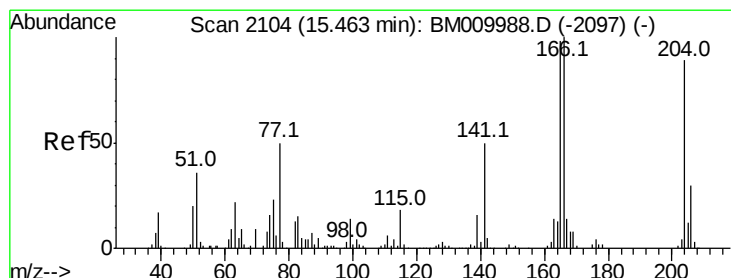
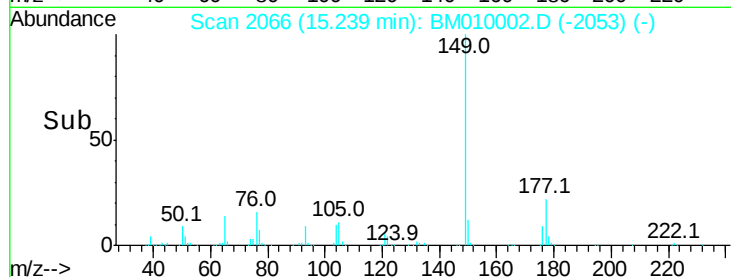
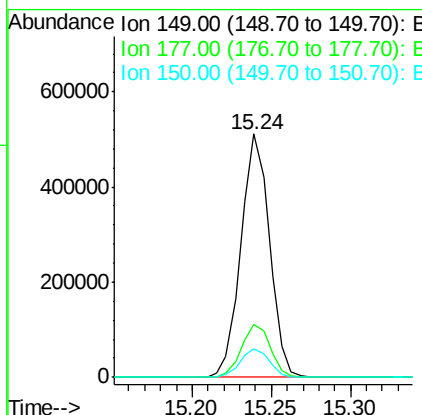
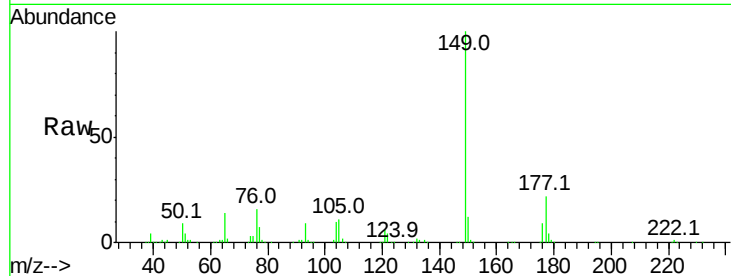




#59
Diethylphthalate
Concen: 41.85 ng
RT: 15.24 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

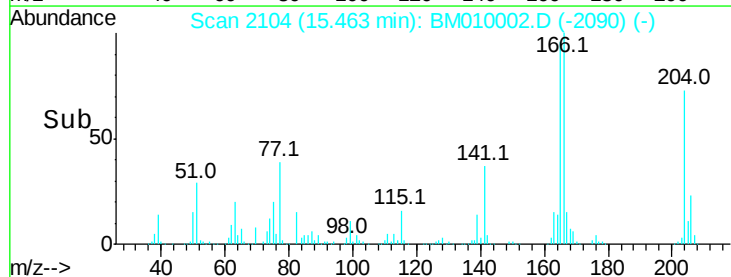
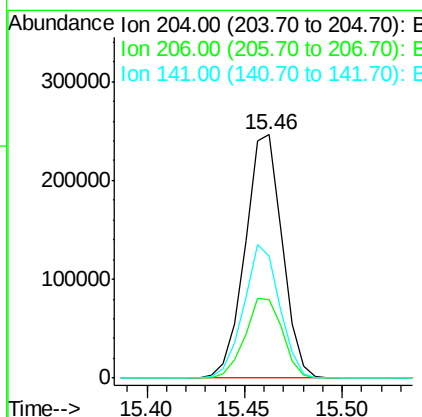
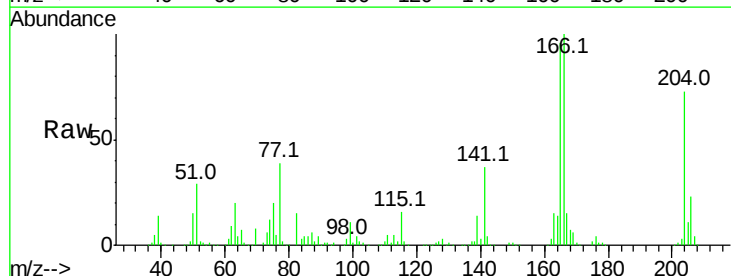
Instrument :
BNA_M
ClientSampleId :

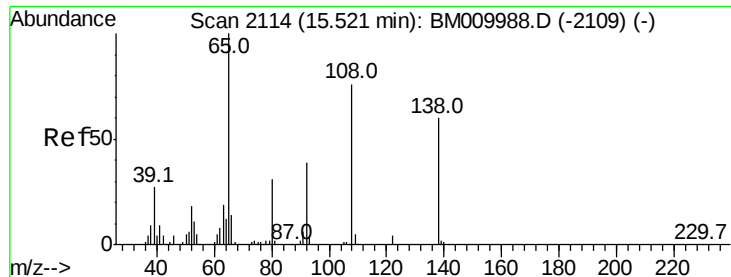
Tot Ion:149 Resp: 638931
Ion Ratio Lower Upper
149 100
177 21.8 18.3 27.5
150 11.9 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 40.91 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

Tgt Ion:204 Resp: 322986
Ion Ratio Lower Upper
204 100
206 32.0 26.6 39.8
141 50.2 45.2 67.8

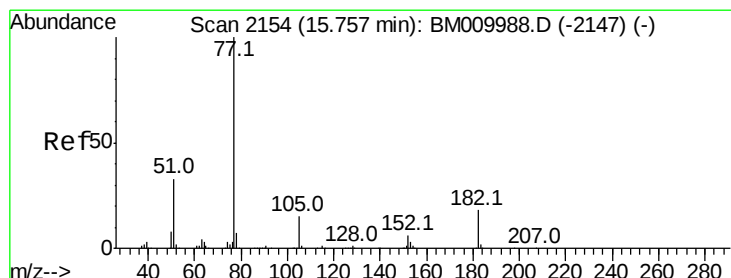
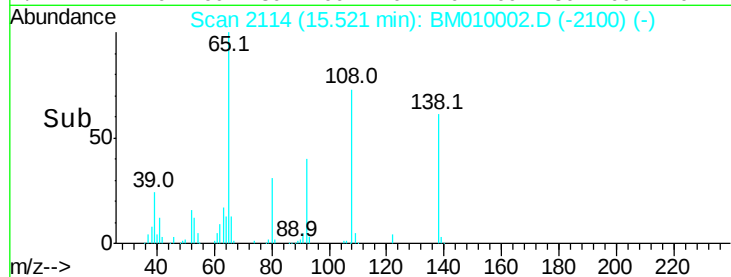
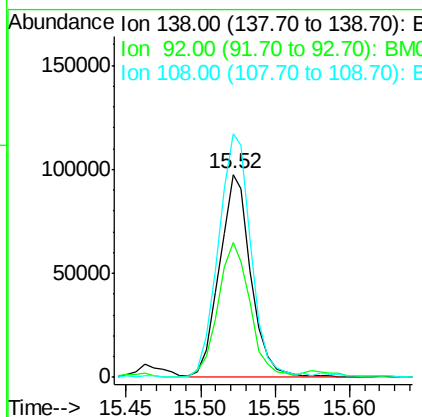
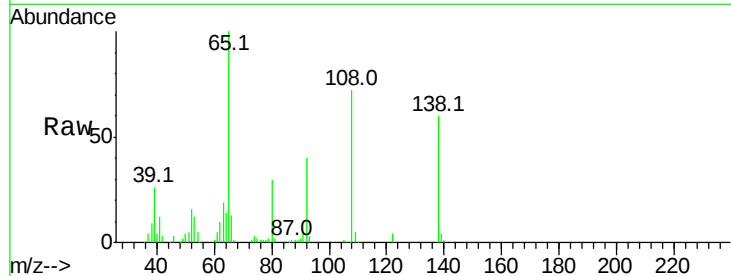




#61
4-Nitroaniline
Concen: 44.94 ng
RT: 15.52 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

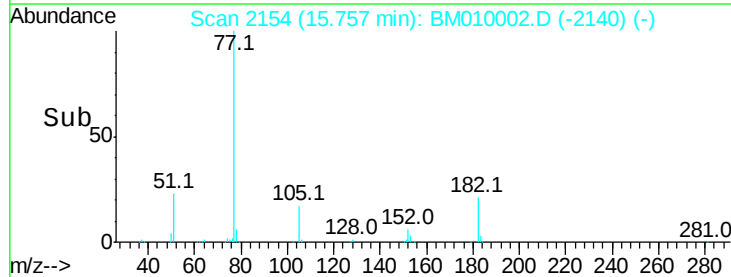
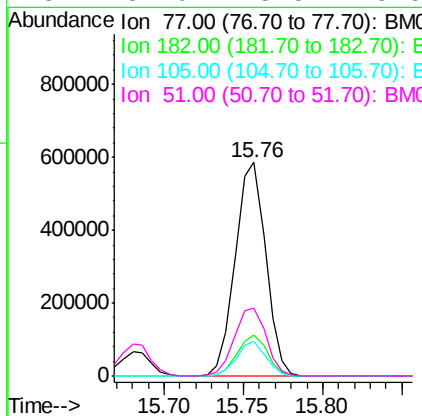
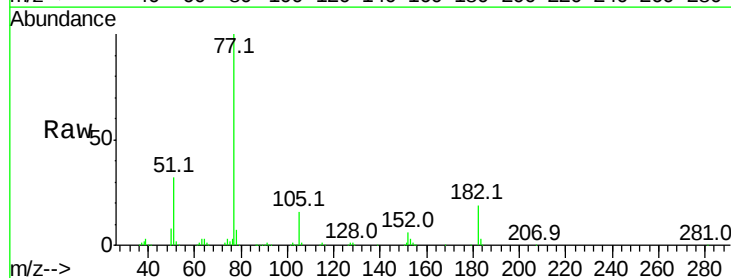
Instrument :
BNA_M
ClientSampleId :

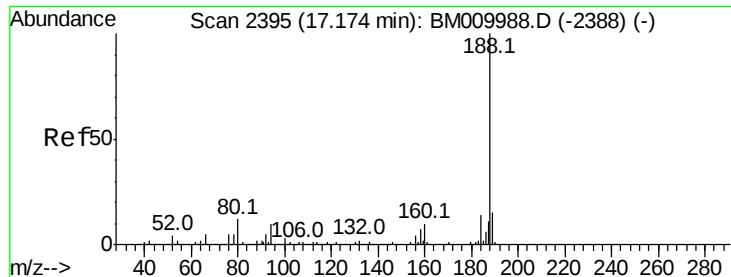
Tot Ion:138 Resp: 143280
Ion Ratio Lower Upper
138 100
92 66.5 16.7 56.7#
108 119.8 37.6 77.6#



#62
Azobenzene
Concen: 42.31 ng
RT: 15.76 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

Tgt Ion: 77 Resp: 783660
Ion Ratio Lower Upper
77 100
182 19.0 6.5 46.5
105 16.0 3.8 43.8
51 32.0 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2395

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

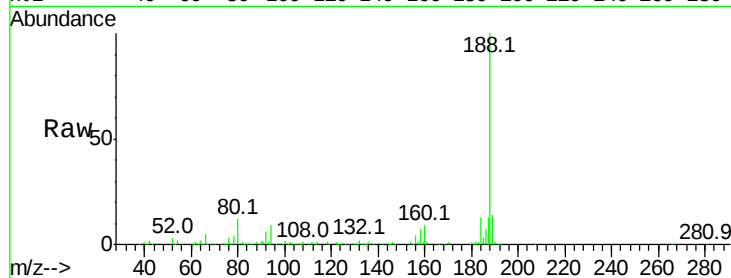
Tot Ion:188 Resp: 437724

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

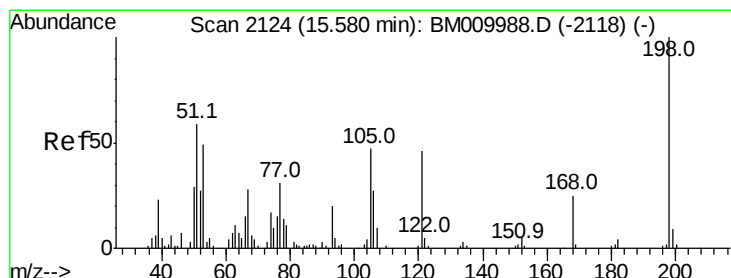
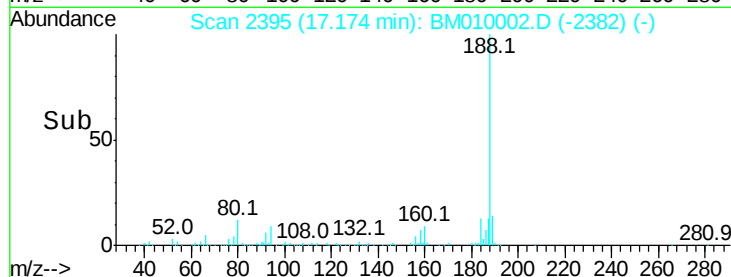
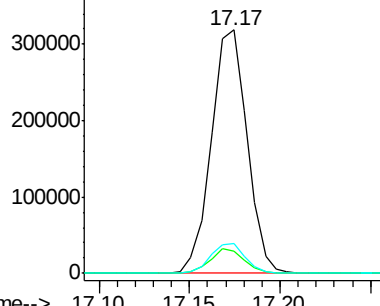
80 12.2 9.3 13.9



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: 39.29 ng

RT: 15.58 min Scan# 2124

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

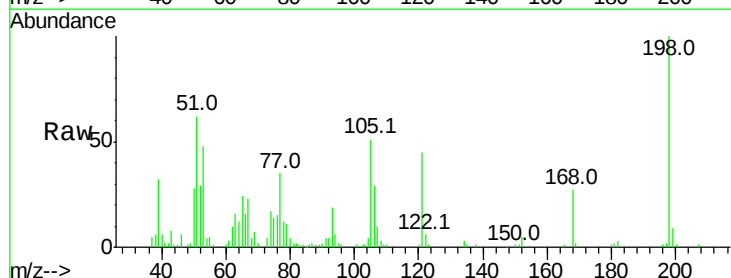
Tgt Ion:198 Resp: 109303

Ion Ratio Lower Upper

198 100

51 62.4 28.8 68.8

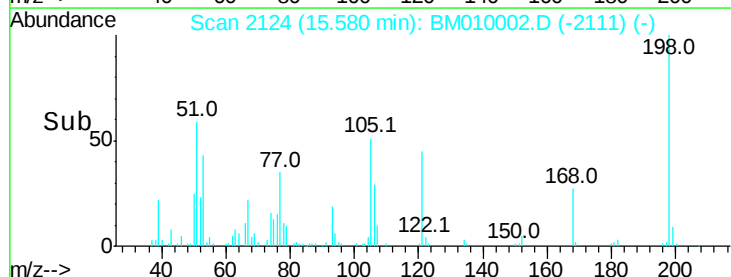
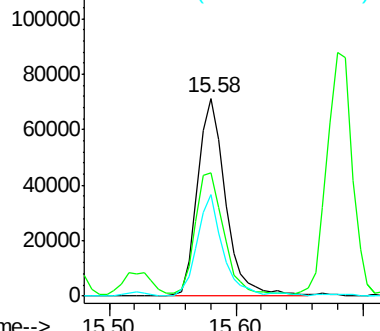
105 51.5 30.5 70.5

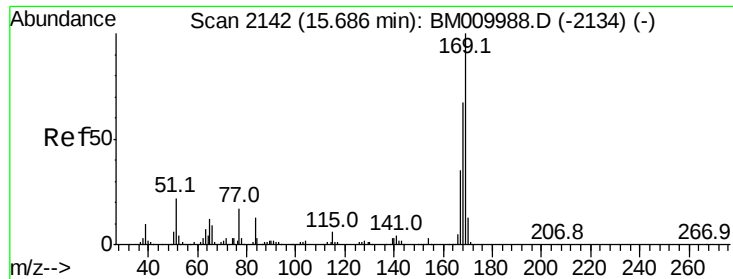


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

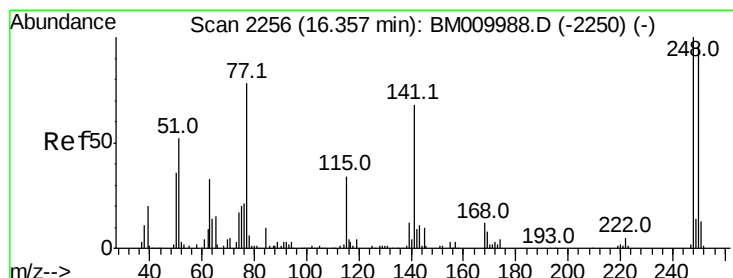
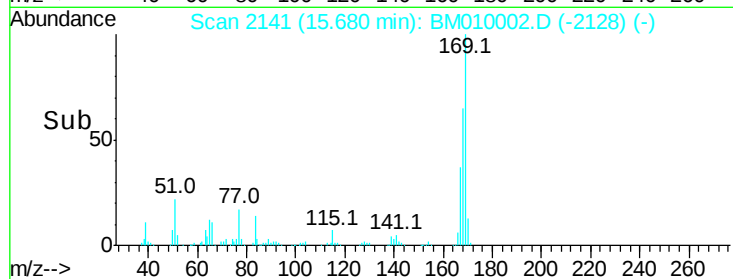
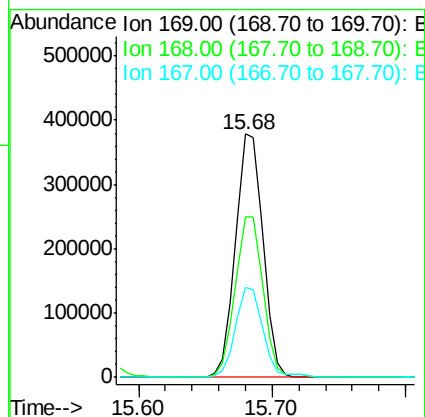
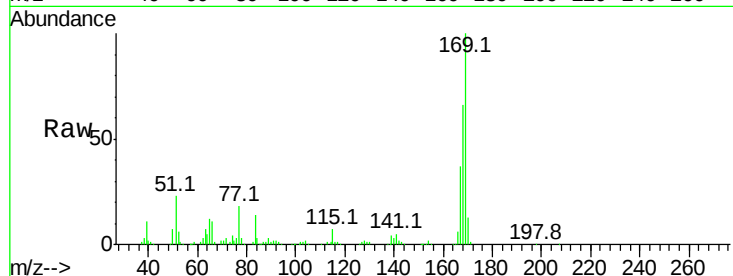




#65
 n-Nitrosodiphenylamine
 Concen: 40.04 ng
 RT: 15.68 min Scan# 2141
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

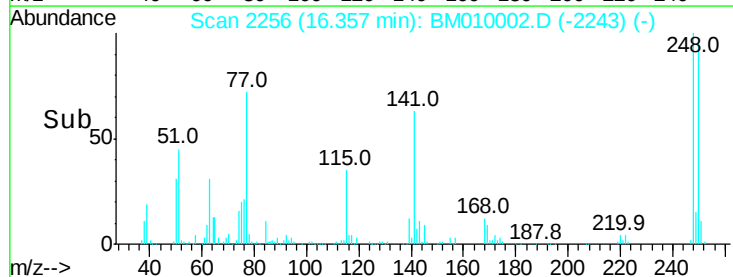
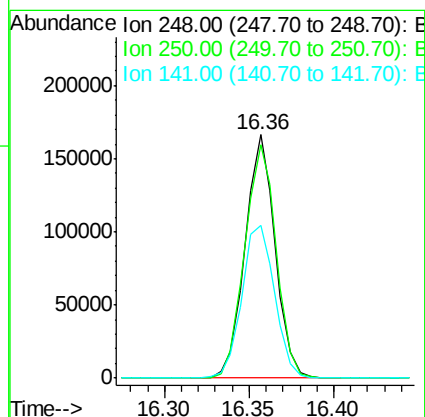
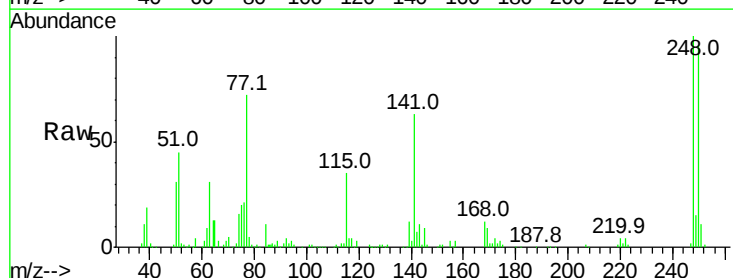
Instrument :
 BNA_M
 ClientSampleId :

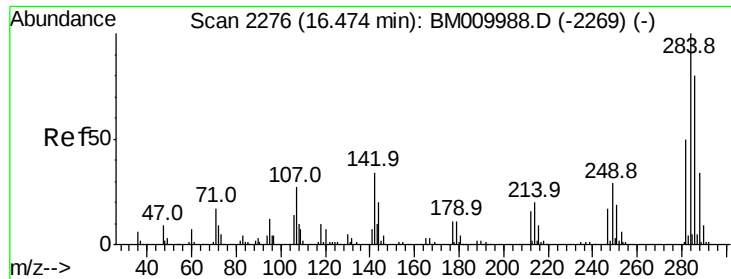
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.9	80.9
167	37.1	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.64 ng
 RT: 16.36 min Scan# 2256
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.4	116.0
141	63.0	45.2	67.8

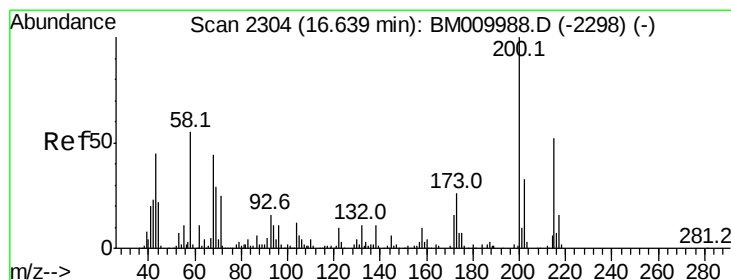
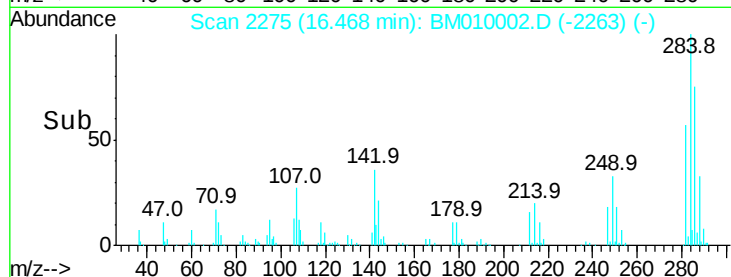
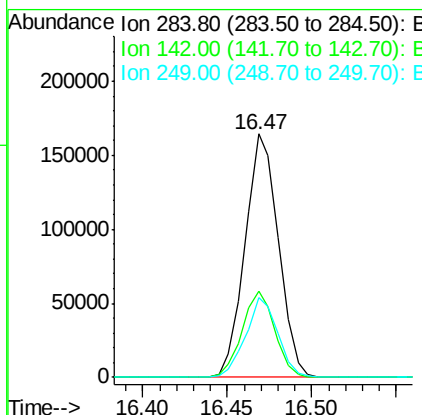
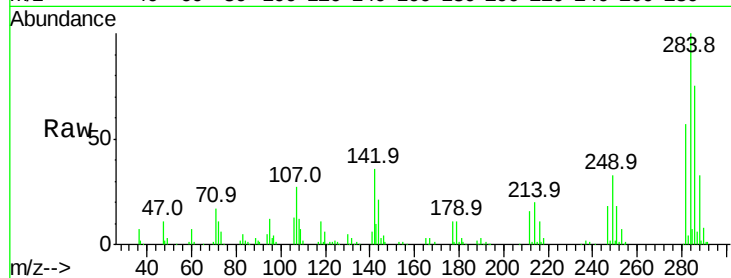




#67
Hexachlorobenzene
Concen: 39.26 ng
RT: 16.47 min Scan# 2275
Delta R.T. -0.03 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

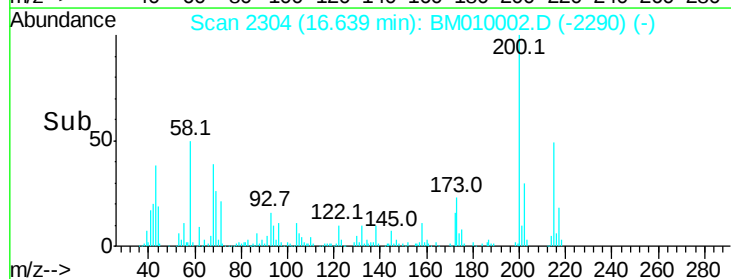
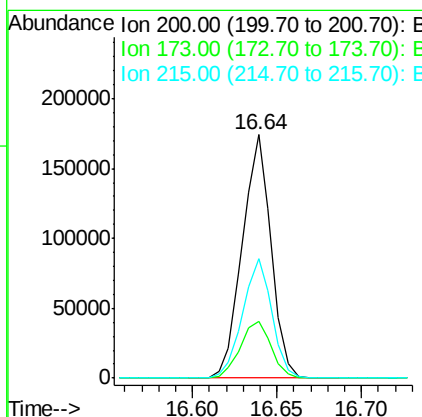
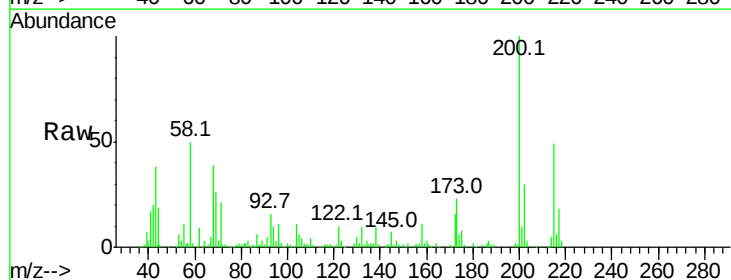
Instrument :
BNA_M
ClientSampleId :

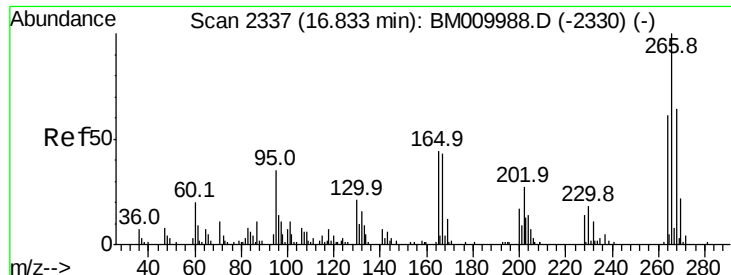
Tot Ion:284 Resp: 226557
Ion Ratio Lower Upper
284 100
142 35.5 20.4 30.6#
249 32.8 23.8 35.6



#68
Atrazine
Concen: 41.75 ng
RT: 16.64 min Scan# 2304
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

Tgt Ion:200 Resp: 207253
Ion Ratio Lower Upper
200 100
173 23.2 4.8 44.8
215 49.1 26.9 66.9





#69

Pentachlorophenol

Concen: 40.01 ng

RT: 16.83 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampled :

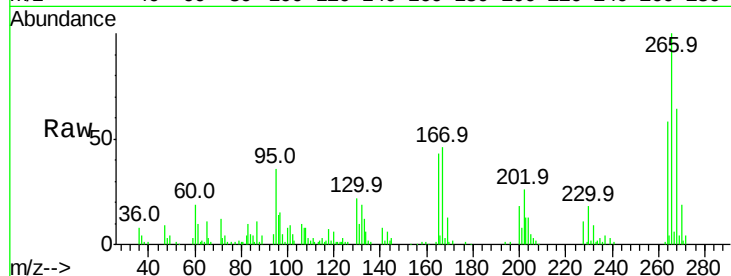
Tot Ion:266 Resp: 103590

Ion Ratio Lower Upper

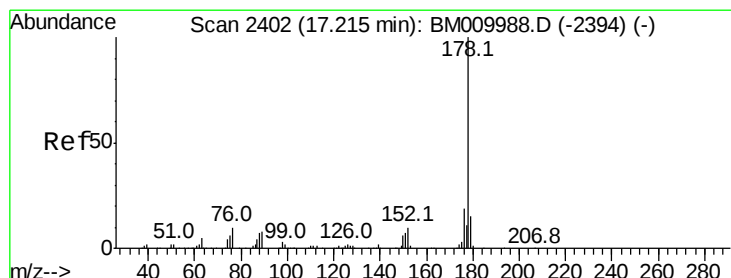
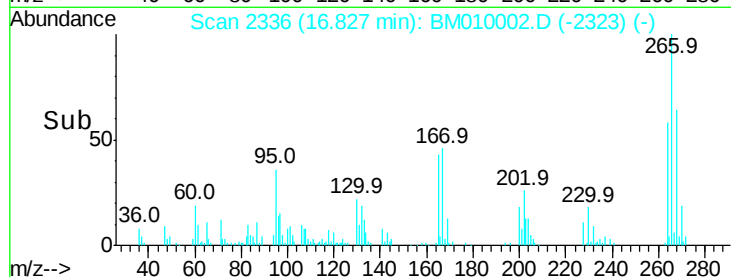
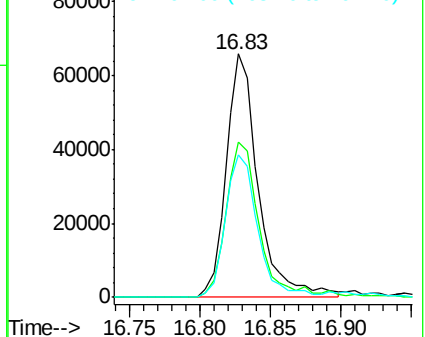
266 100

268 64.0 52.0 78.0

264 58.4 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.96 ng

RT: 17.22 min Scan# 2402

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

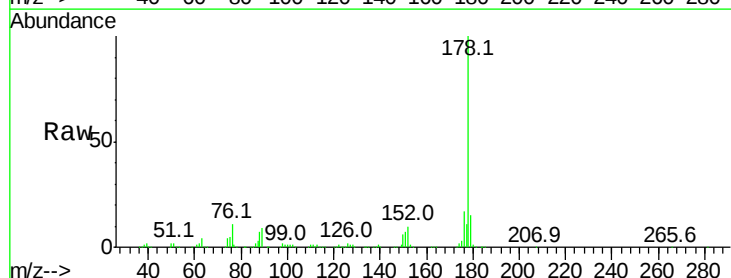
Tgt Ion:178 Resp: 1004046

Ion Ratio Lower Upper

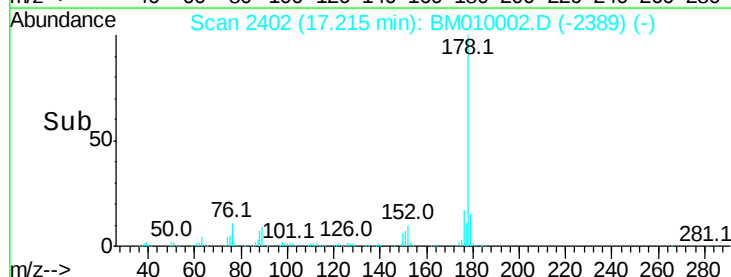
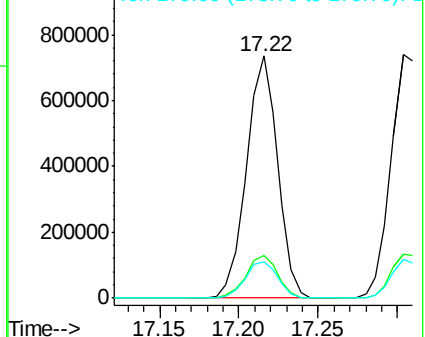
178 100

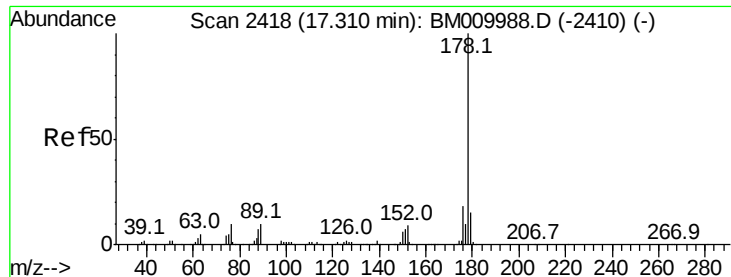
176 17.5 15.2 22.8

179 15.2 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



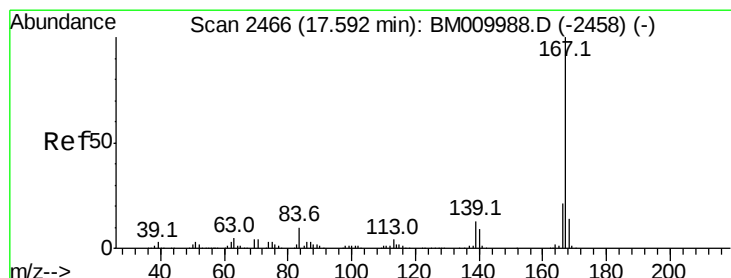
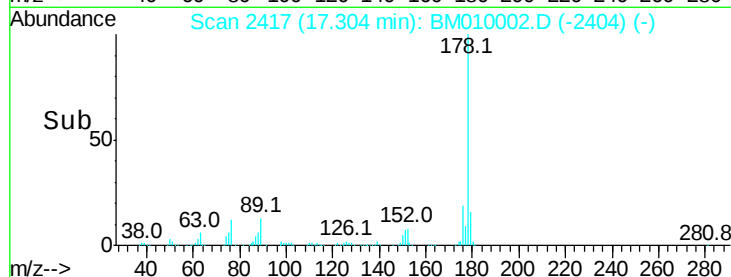
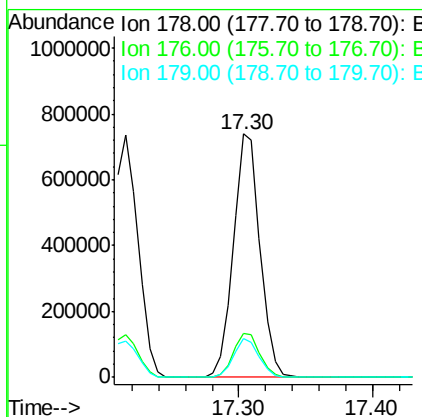
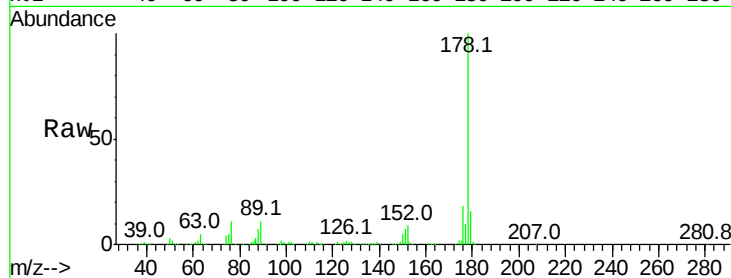


#71
 Anthracene
 Concen: 40.03 ng
 RT: 17.30 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:178 Resp: 1025866

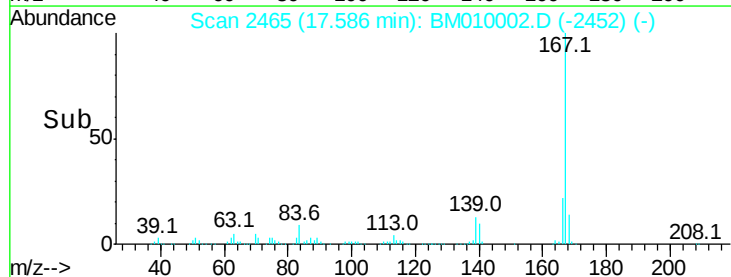
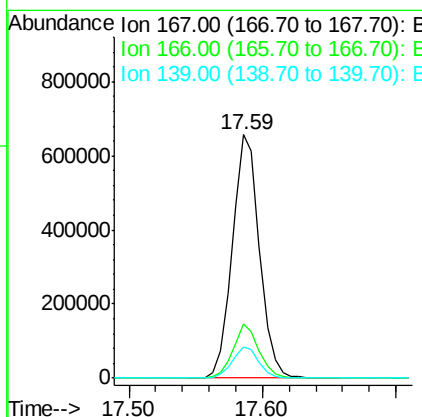
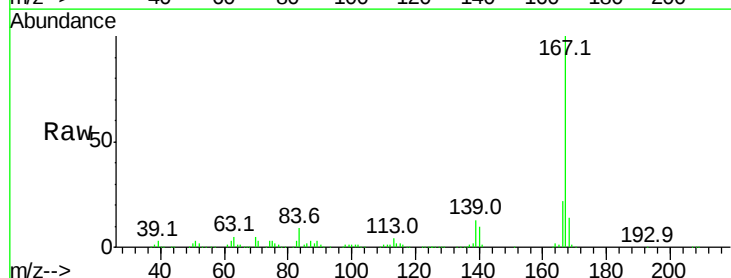
Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.8	12.6	19.0

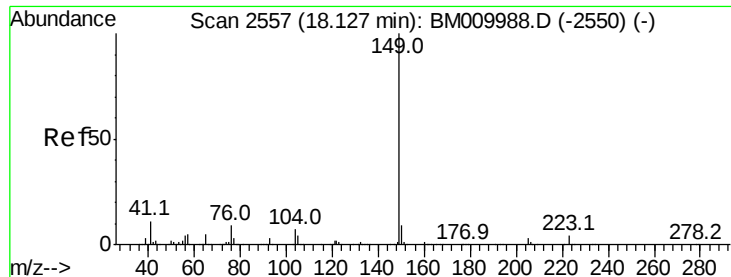


#72
 Carbazole
 Concen: 40.59 ng
 RT: 17.59 min Scan# 2465
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Tgt Ion:167 Resp: 928735

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	12.8	10.8	16.2





#73

Di-n-butylphthalate

Concen: 41.22 ng

RT: 18.13 min Scan# 2557

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

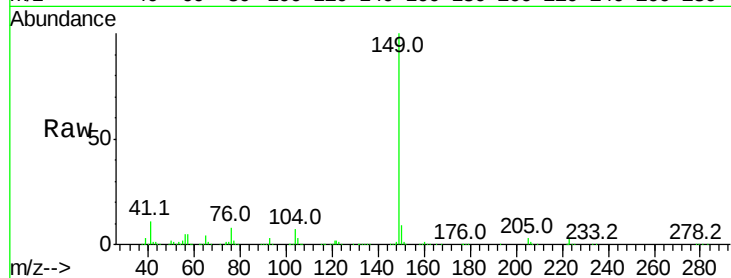
Tot Ion:149 Resp: 1198945

Ion Ratio Lower Upper

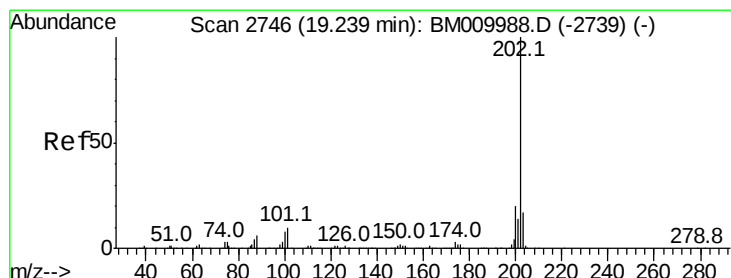
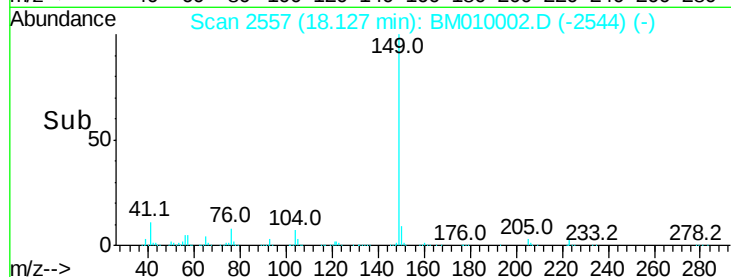
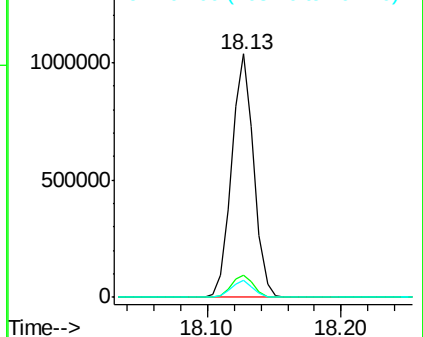
149 100

150 8.9 7.5 11.3

104 7.1 3.7 5.5#



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



#74

Fluoranthene

Concen: 40.68 ng

RT: 19.23 min Scan# 2745

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

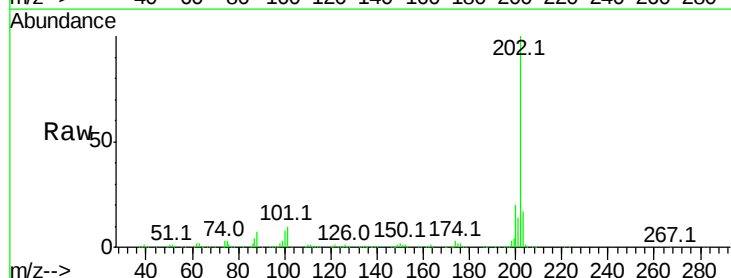
Tgt Ion:202 Resp: 1311192

Ion Ratio Lower Upper

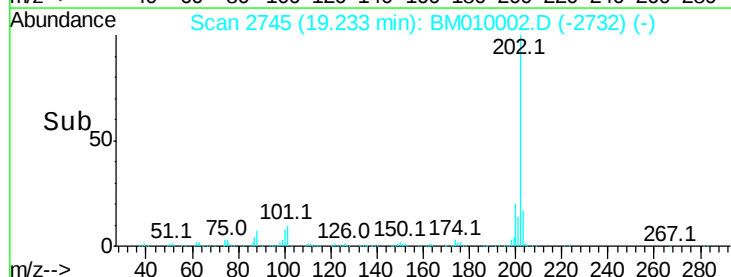
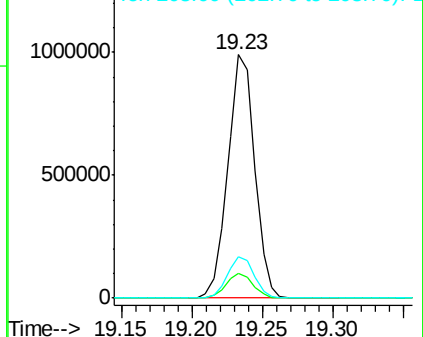
202 100

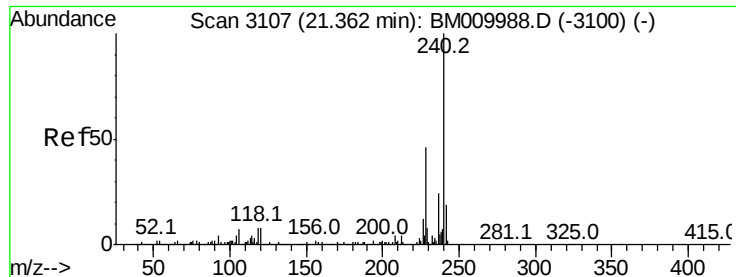
101 10.4 0.0 28.7

203 16.8 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

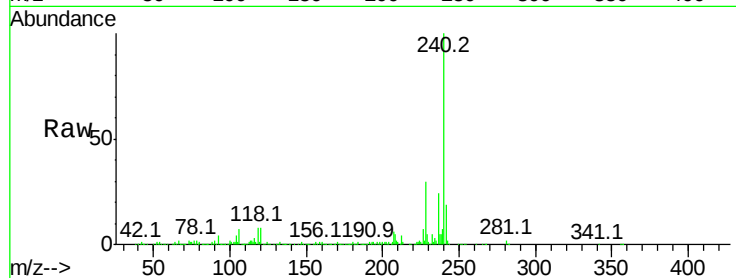
Tot Ion:240 Resp: 581819

Ion Ratio Lower Upper

240 100

120 8.4 8.2 12.2

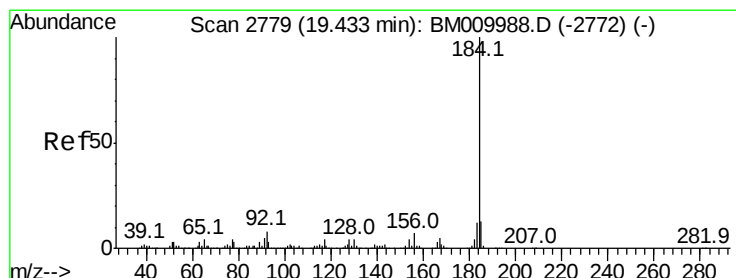
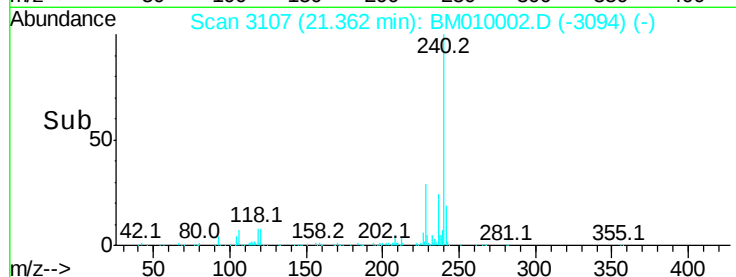
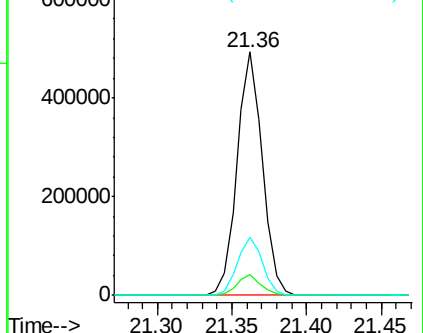
236 23.7 20.0 30.0



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: 41.12 ng

RT: 19.43 min Scan# 2779

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

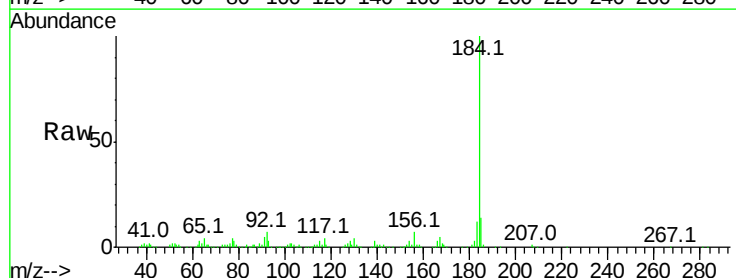
Tgt Ion:184 Resp: 598113

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

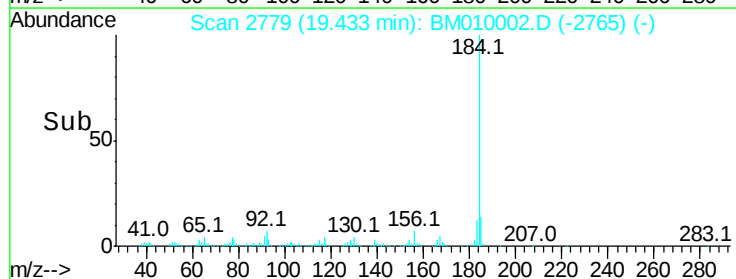
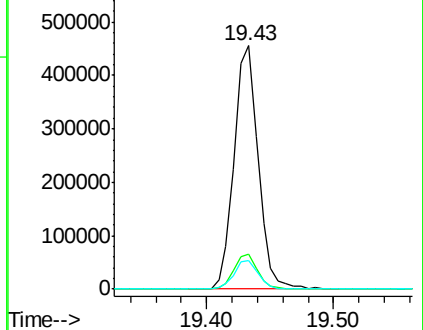
183 11.8 8.9 13.3

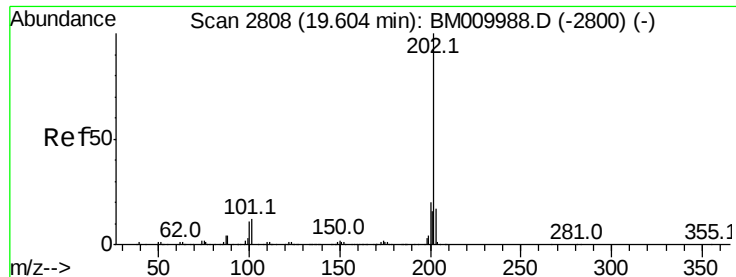


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.38 ng

RT: 19.60 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

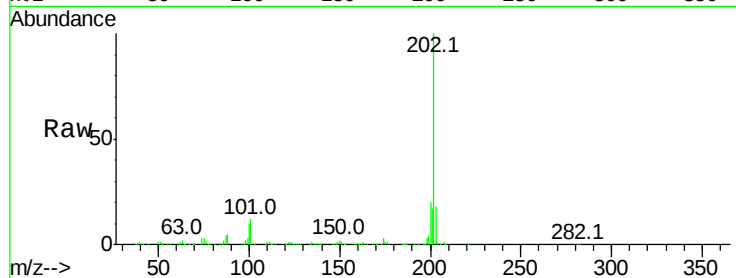
Tot Ion:202 Resp: 1398319

Ion Ratio Lower Upper

202 100

200 19.6 16.9 25.3

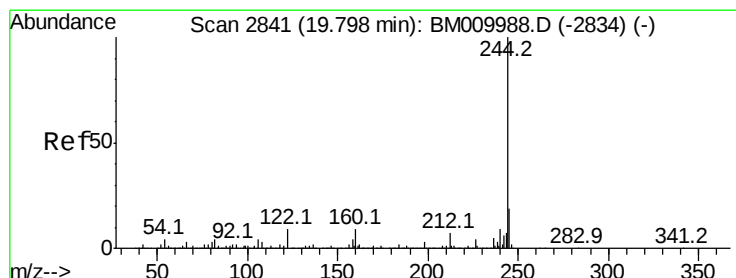
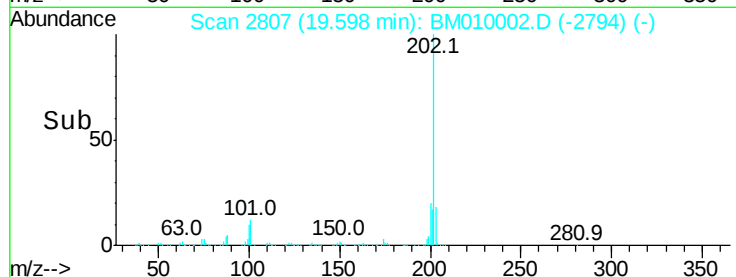
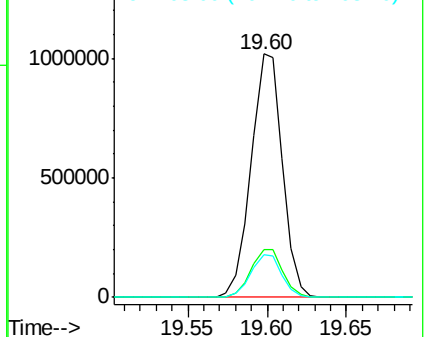
203 17.5 14.1 21.1



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: 80.85 ng

RT: 19.80 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

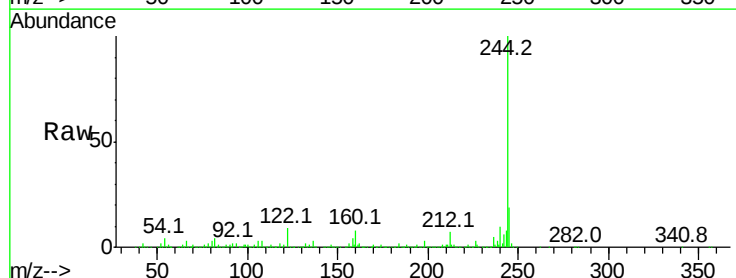
Tgt Ion:244 Resp: 2232001

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

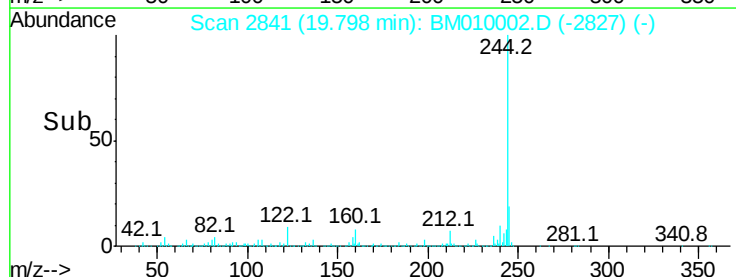
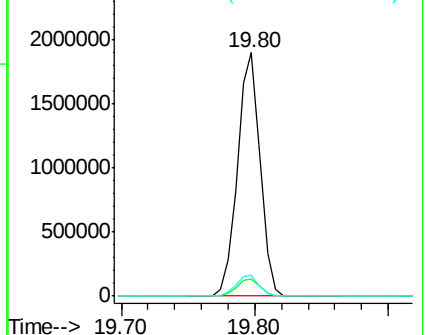
122 8.6 6.2 9.4

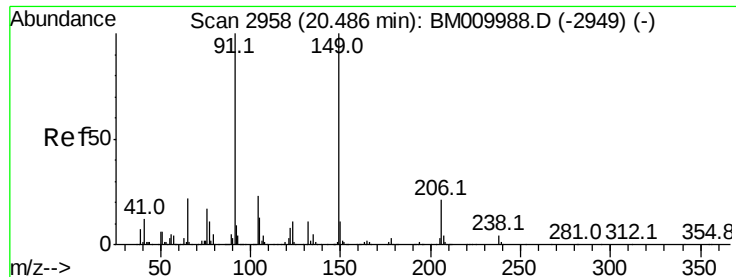


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

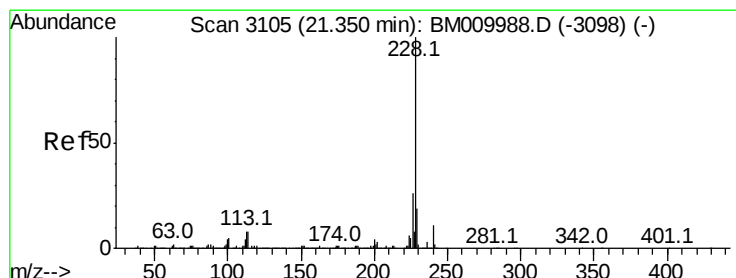
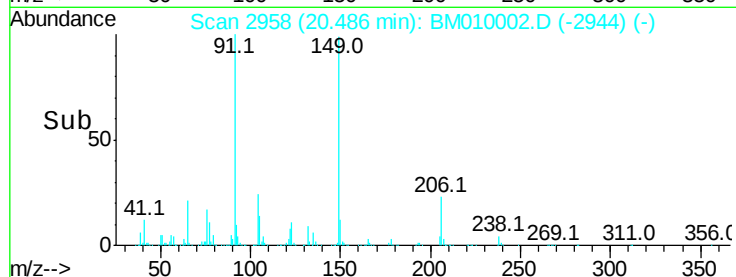
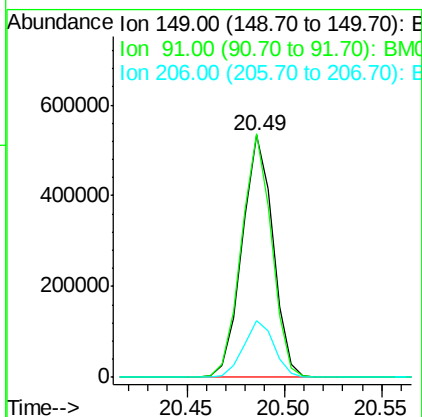
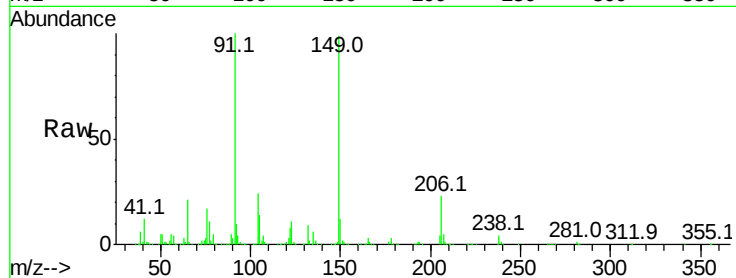




#79
Butylbenzylphthalate
Concen: 40.53 ng
RT: 20.49 min Scan# 2958
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

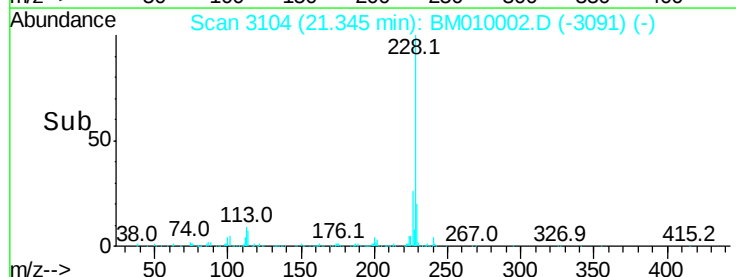
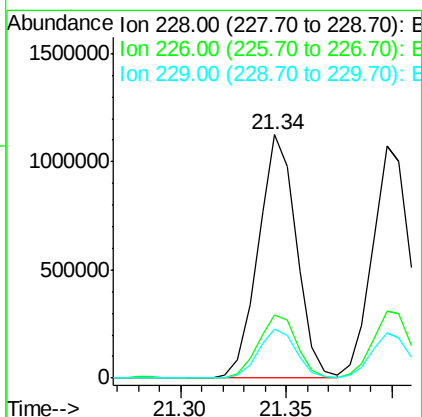
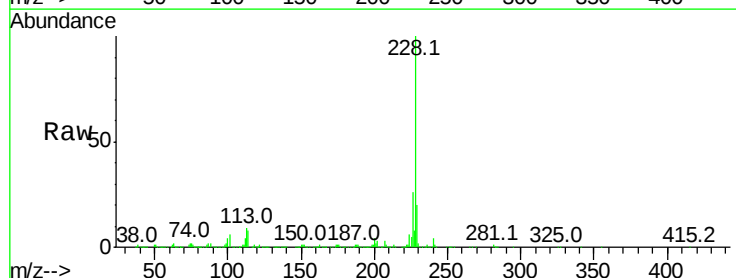
Instrument :
BNA_M
ClientSampleId :

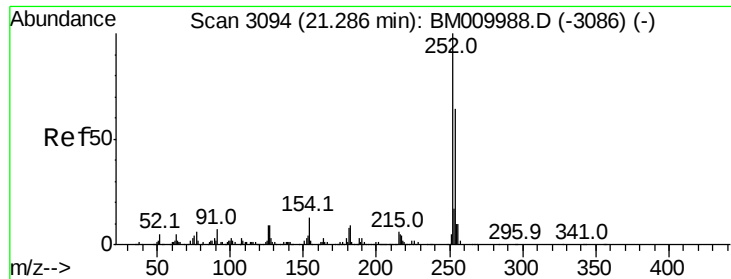
Tot Ion	Ratio	Lower	Upper
149	100		
91	100.7	50.1	75.1#
206	23.3	16.2	24.2



#80
Benzo(a)anthracene
Concen: 40.35 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.7	32.5
229	20.3	16.0	24.0

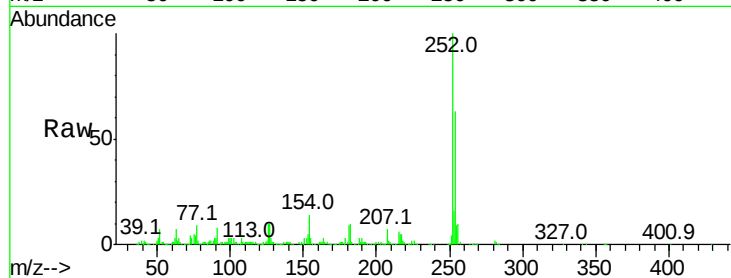




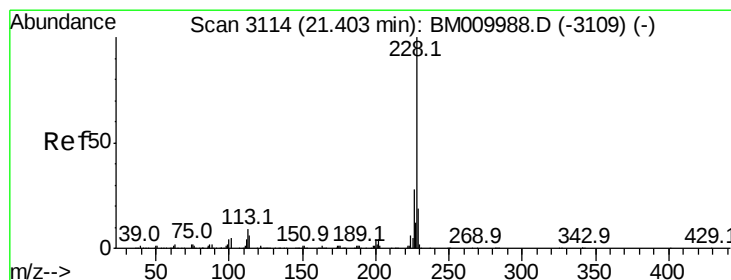
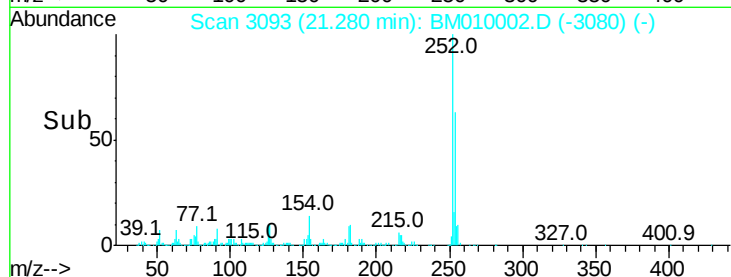
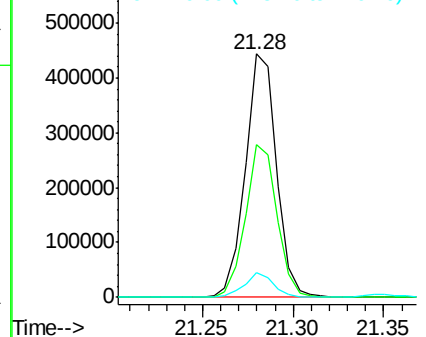
#81
 3,3'-Dichlorobenzidine
 Concen: 41.04 ng
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.9	77.9
126	9.9	9.8	14.8

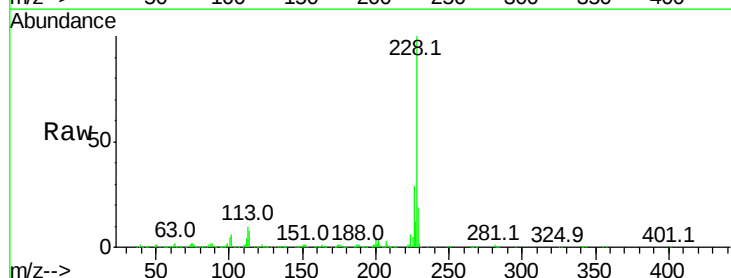


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

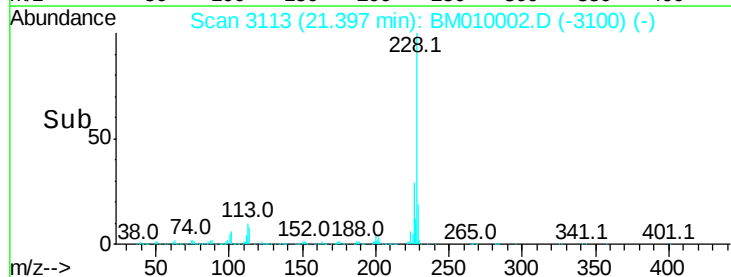
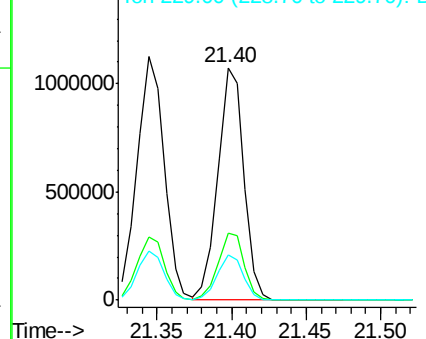


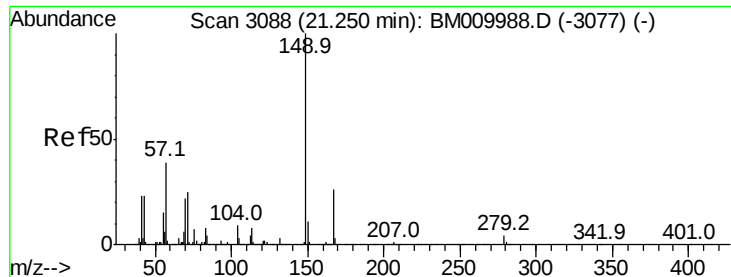
#82
 Chrysene
 Concen: 39.82 ng
 RT: 21.40 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.1	36.1
229	19.2	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.61 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

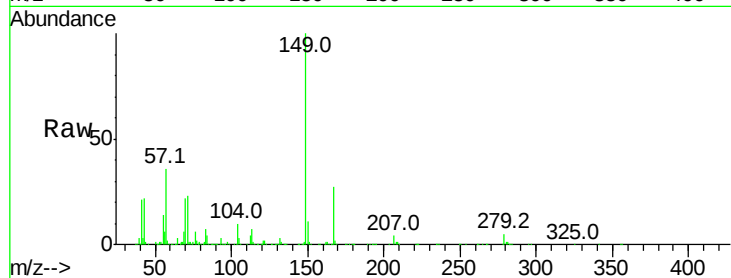
Instrument :

BNA_M

ClientSampled :

Tot Ion:149 Resp: 874358

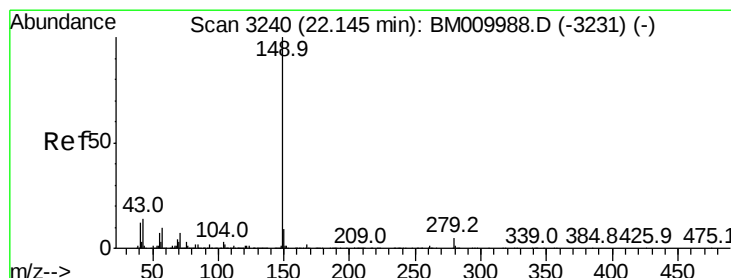
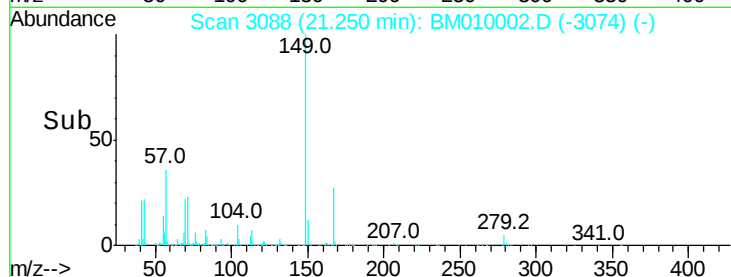
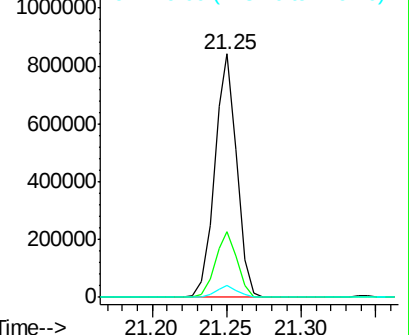
Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.4	33.6
279	4.9	3.4	5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.03 ng

RT: 22.14 min Scan# 3239

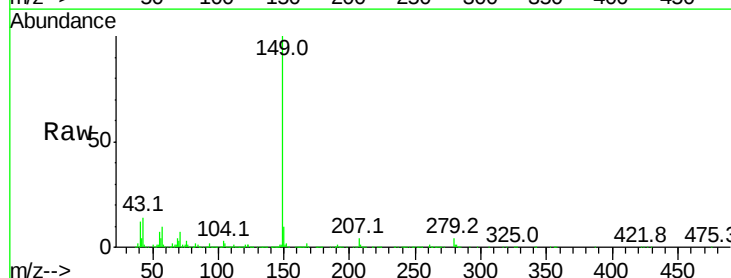
Delta R.T. -0.02 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Tgt Ion:149 Resp: 1515472

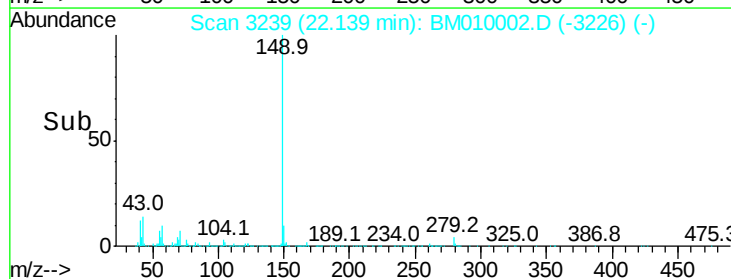
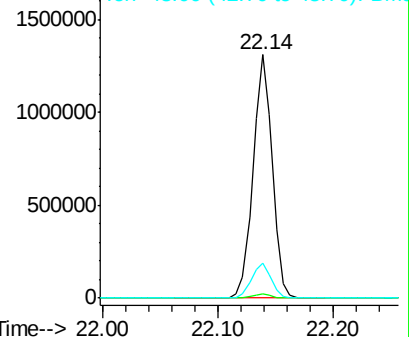
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	14.7	7.3	10.9#

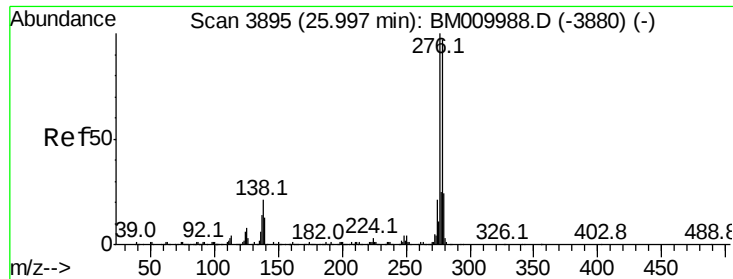


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

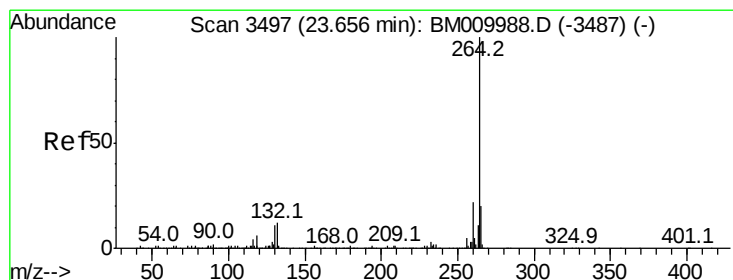
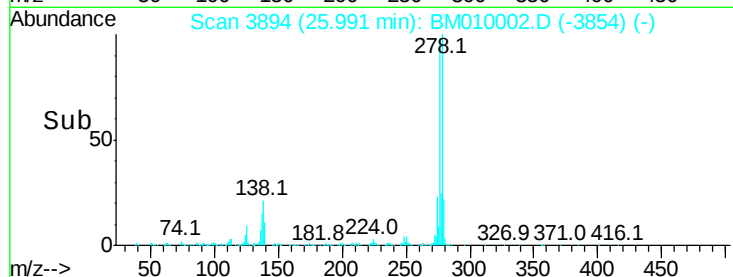
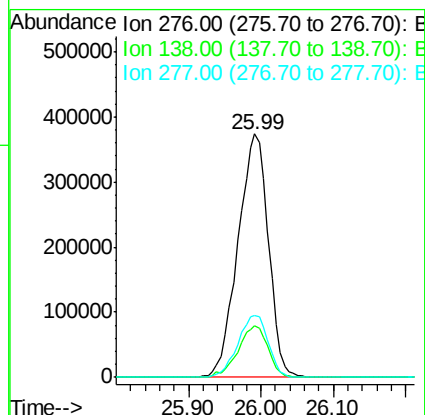
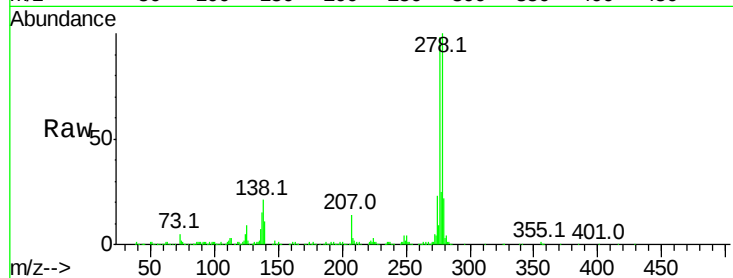




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.51 ng
 RT: 25.99 min Scan# 3894
 Delta R.T. -0.06 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

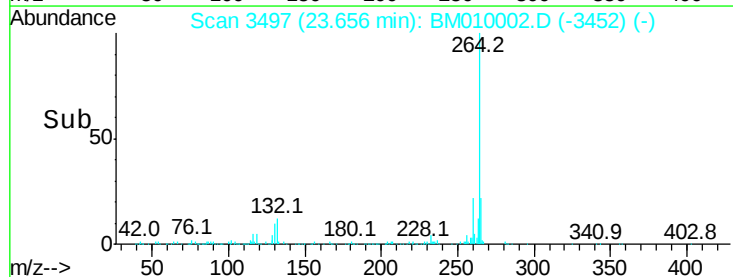
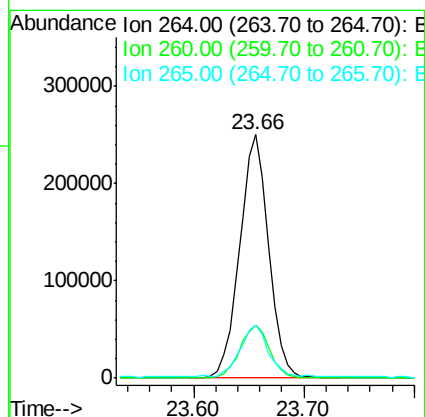
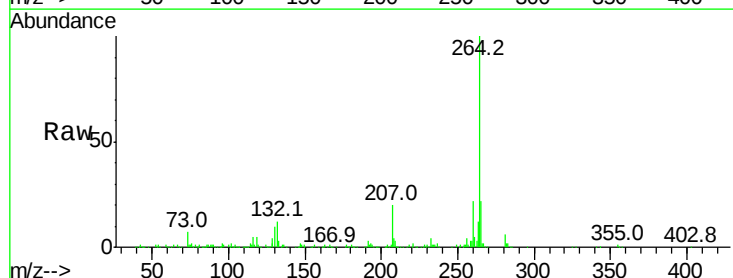
Instrument :
 BNA_M
 ClientSampleId :

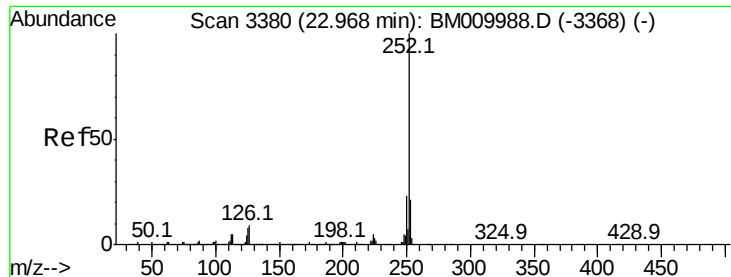
Tot Ion:276 Resp: 1091935
 Ion Ratio Lower Upper
 276 100
 138 20.7 0.0 0.0#
 277 25.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.66 min Scan# 3497
 Delta R.T. -0.04 min
 Lab File: BM010002.D
 Acq: 12 May 2017 01:42

Tgt Ion:264 Resp: 461786
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.6 27.8
 265 21.6 17.3 25.9

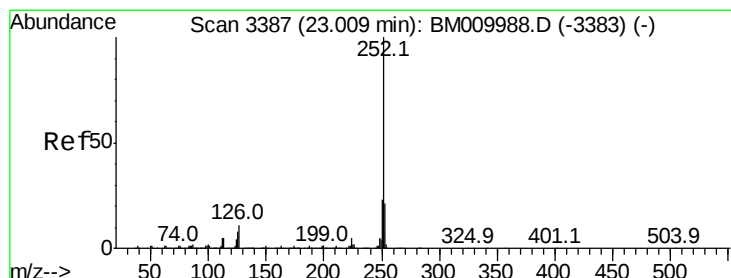
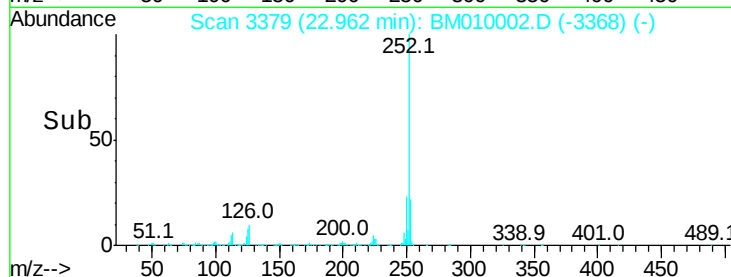
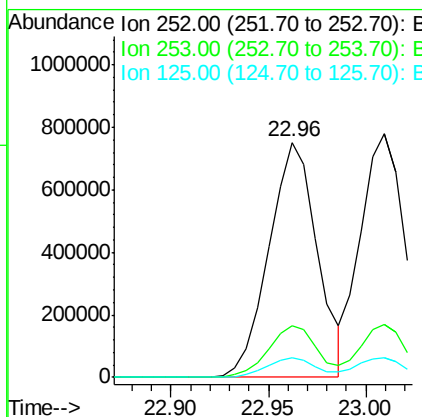
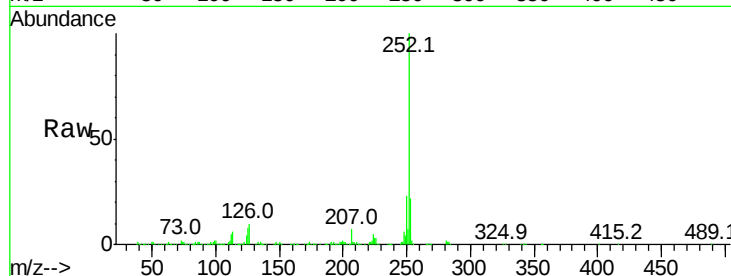




#87
Benzo(b)fluoranthene
Concen: 41.28 ng
RT: 22.96 min Scan# 3379
Delta R.T. -0.04 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

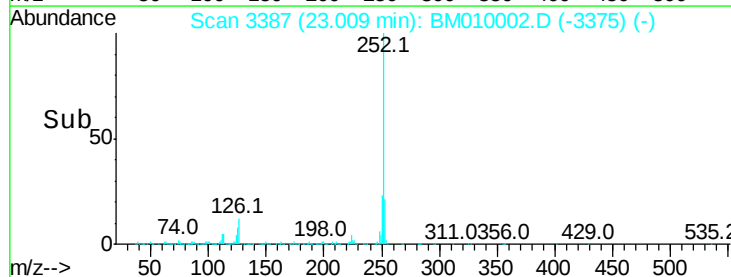
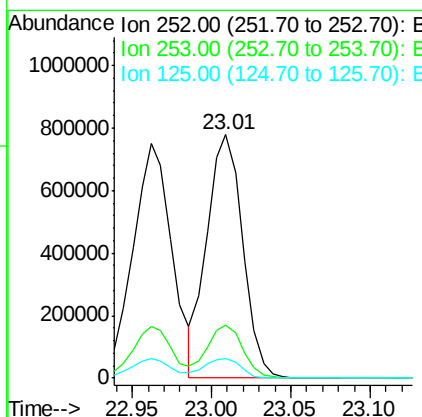
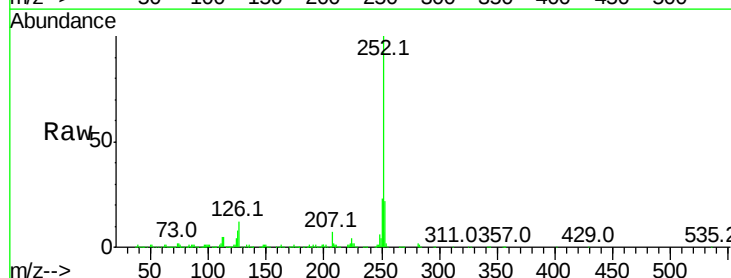
Instrument :
BNA_M
ClientSampleId :

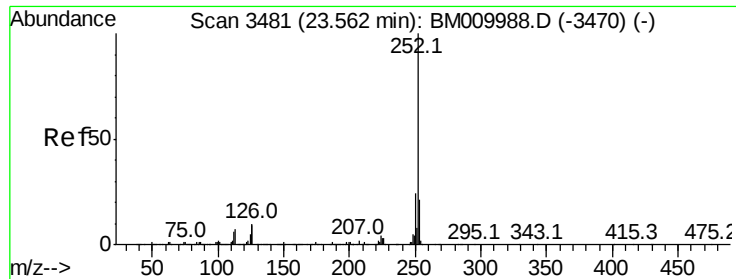
Tot Ion:252 Resp: 1290984
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 8.4 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 41.07 ng
RT: 23.01 min Scan# 3387
Delta R.T. -0.03 min
Lab File: BM010002.D
Acq: 12 May 2017 01:42

Tgt Ion:252 Resp: 1220250
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 8.3 8.1 12.1





#89

Benzo(a)pyrene

Concen: 41.20 ng

RT: 23.56 min Scan# 3480

Delta R.T. -0.04 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

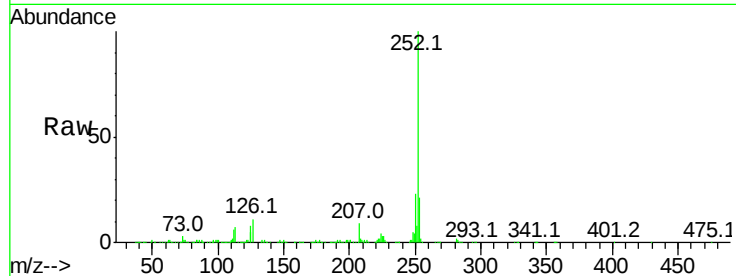
Tot Ion:252 Resp: 1135929

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	8.5	7.4	11.2

252 100

253 21.5 17.6 26.4

125 8.5 7.4 11.2

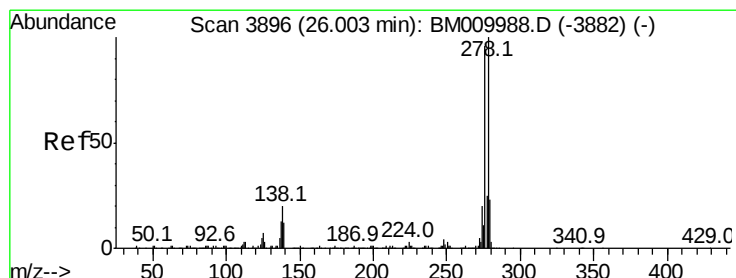
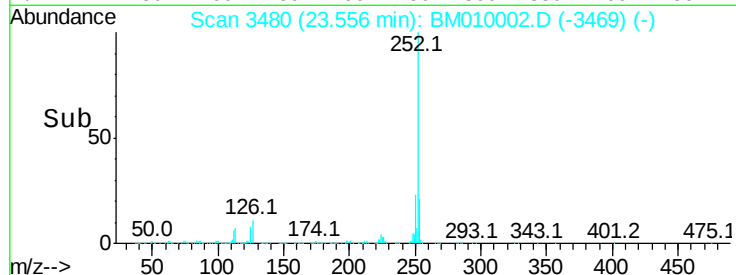
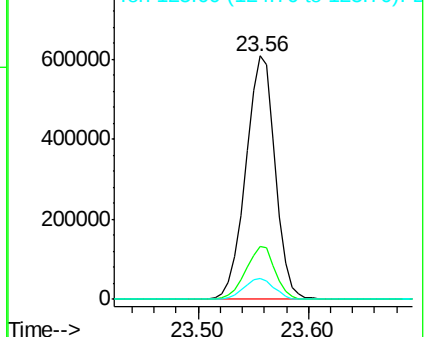


Abundance

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: 40.65 ng

RT: 26.00 min Scan# 3895

Delta R.T. -0.06 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

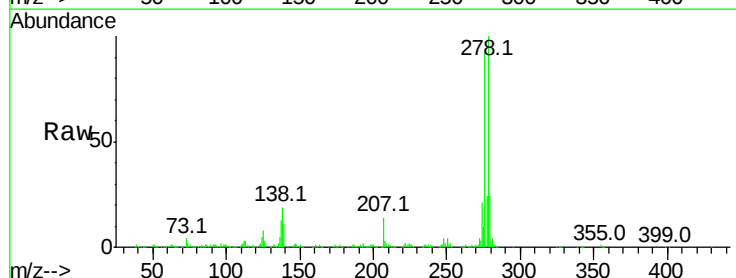
Tgt Ion:278 Resp: 988955

Ion	Ratio	Lower	Upper
278	100		
139	11.0	13.4	20.0#
279	24.0	19.0	28.4

278 100

139 11.0 13.4 20.0#

279 24.0 19.0 28.4

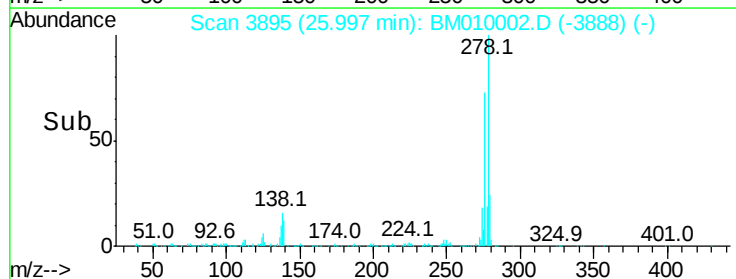
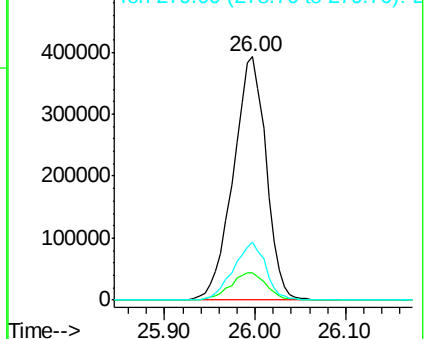


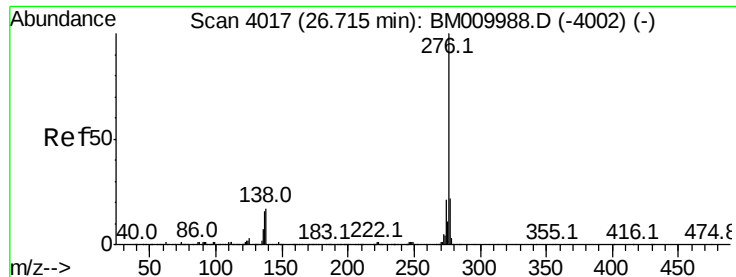
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.89 ng

RT: 26.71 min Scan# 4016

Delta R.T. -0.07 min

Lab File: BM010002.D

Acq: 12 May 2017 01:42

Instrument :

BNA_M

ClientSampleId :

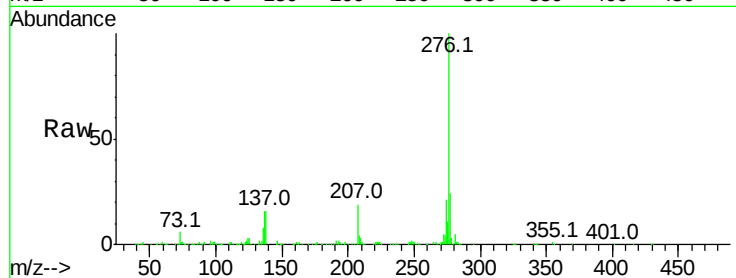
Tot Ion:276 Resp: 894412

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 15.7 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

