

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
 Data File : BM010037.D
 Acq On : 12 May 2017 23:17
 Operator : SJ/MA
 Sample : I3108-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 13 02:50:54 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	56767	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	255810	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	161975	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	386168	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	476924	20.00	ng	-0.03
86) Perylene-d12	23.65	264	361791	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	613739	169.19	ng	-0.02
7) Phenol-d6	6.95	99	850244	146.28	ng	-0.02
23) Nitrobenzene-d5	8.93	82	781915	111.70	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	358584	161.76	ng	-0.02
44) 2-Fluorobiphenyl	13.02	172	1326919	109.55	ng	-0.03
78) Terphenyl-d14	19.79	244	2319890	102.52	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	57065	42.46	ng	# 100
3) Pyridine	3.70	79	200342	40.45	ng	# 81
4) n-Nitrosodimethylamine	3.60	42	162795	60.00	ng	# 48
6) Aniline	7.10	93	92848	12.30	ng	# 97
8) 2-Chlorophenol	7.33	128	218840	55.57	ng	# 71
9) Benzaldehyde	6.93	77	37656	8.65	ng	# 68
10) Phenol	6.97	94	305373	48.35	ng	# 92
11) bis(2-Chloroethyl)ether	7.20	93	244489	49.78	ng	# 84
12) 1,3-Dichlorobenzene	7.65	146	199012	45.27	ng	# 81
13) 1,4-Dichlorobenzene	7.79	146	204538	45.40	ng	# 88
14) 1,2-Dichlorobenzene	8.10	146	204997	46.94	ng	# 88
15) Benzyl Alcohol	8.02	79	312507	63.08	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.29	45	392875	50.41	ng	# 99
17) 2-Methylphenol	8.22	107	216545	52.52	ng	# 82
18) Hexachloroethane	8.82	117	97557	52.23	ng	# 95
19) n-Nitroso-di-n-propylamine	8.57	70	279026	52.91	ng	# 83
20) 3+4-Methylphenols	8.55	107	301000	53.63	ng	# 81
22) Acetophenone	8.59	105	407644	52.12	ng	# 82
24) Nitrobenzene	8.97	77	407473	54.70	ng	# 85
25) Isophorone	9.49	82	686608	57.00	ng	# 86
26) 2-Nitrophenol	9.68	139	116871	52.10	ng	# 14
27) 2,4-Dimethylphenol	9.74	122	227715	54.24	ng	# 88
28) bis(2-Chloroethoxy)methane	9.97	93	370429	51.04	ng	# 97
29) 2,4-Dichlorophenol	10.22	162	226044	55.33	ng	# 92
30) 1,2,4-Trichlorobenzene	10.42	180	230573	48.34	ng	# 96
31) Naphthalene	10.60	128	691263	49.08	ng	# 99
32) Benzoic acid	9.94	122	129919	46.26	ng	# 60
33) 4-Chloroaniline	10.75	127	20367	3.40	ng	# 64
34) Hexachlorobutadiene	10.86	225	150168	46.27	ng	# 90
35) Caprolactam	11.56	113	37404	23.43	ng	# 66
36) 4-Chloro-3-methylphenol	11.87	107	290663	53.24	ng	# 78
37) 2-Methylnaphthalene	12.22	142	521986	51.78	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	283960	48.17	ng	# 100
40) Hexachlorocyclopentadiene	12.55	237	155370	93.20	ng	# 99

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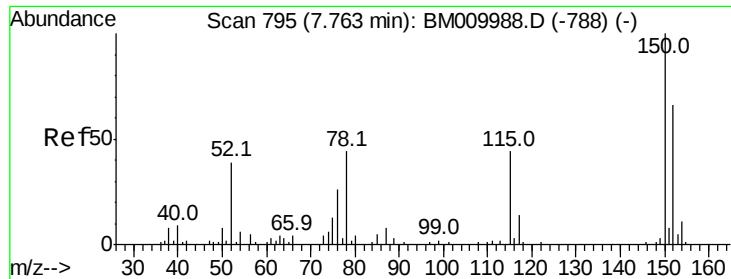
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 13 02:50:54 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)

42) 2,4,6-Trichlorophenol	12.85	196	196999	54.28	nq	99
43) 2,4,5-Trichlorophenol	12.93	196	197171	50.01	nq	# 81
45) 1,1'-Biphenyl	13.24	154	696459	51.67	nq	94
46) 2-Chloronaphthalene	13.29	162	550618	51.98	nq	# 92
47) 2-Nitroaniline	13.52	65	277854	57.94	nq	# 63
48) Acenaphthylene	14.13	152	928679	55.67	nq	99
49) Dimethylphthalate	13.88	163	742549	52.01	nq	# 98
50) 2,6-Dinitrotoluene	14.01	165	161985	55.98	nq	# 37
51) Acenaphthene	14.48	154	557124	53.00	nq	98
52) 3-Nitroaniline	14.36	138	29377	9.56	nq	# 34
53) 2,4-Dinitrophenol	14.57	184	147466	85.02	nq	# 71
54) Dibenzofuran	14.82	168	908469	56.41	nq	# 90
55) 4-Nitrophenol	14.67	139	198995	96.72	nq	# 1
56) 2,4-Dinitrotoluene	14.81	165	241402	56.40	nq	# 56
57) Fluorene	15.47	166	763744	53.79	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.05	232	178421	52.38	nq	# 100
59) Diethylphthalate	15.24	149	802100	53.51	nq	97
60) 4-Chlorophenyl-phenylether	15.46	204	400405	51.64	nq	97
61) 4-Nitroaniline	15.52	138	138175	44.14	nq	# 1
62) Azobenzene	15.75	77	1207393	66.38	nq	78
64) 4,6-Dinitro-2-methylphenol	15.57	198	113053	45.06	nq	# 75
65) n-Nitrosodiphenylamine	15.68	169	642928	53.65	nq	96
66) 4-Bromophenyl-phenylether	16.35	248	237898	51.87	nq	# 87
67) Hexachlorobenzene	16.47	284	249987	49.11	nq	# 87
68) Atrazine	16.64	200	241719	55.20	nq	95
69) Pentachlorophenol	16.82	266	240144	95.22	nq	97
70) Phenanthrene	17.21	178	1188175	53.60	nq	99
71) Anthracene	17.30	178	1228700	54.34	nq	99
72) Carbazole	17.59	167	1105857	54.79	nq	99
73) Di-n-butylphthalate	18.12	149	1420539	55.36	nq	# 96
74) Fluoranthene	19.23	202	1452728	51.08	nq	98
76) Benzidine	19.43	184	519195	43.54	nq	99
77) Pyrene	19.60	202	1496986	52.74	nq	100
79) Butylbenzylphthalate	20.48	149	692651	58.61	nq	# 58
80) Benzo(a)anthracene	21.34	228	1527596	53.31	nq	98
81) 3,3'-Dichlorobenzidine	21.28	252	232037	21.98	nq	# 99
82) Chrysene	21.40	228	1358381	50.55	nq	97
83) Bis(2-ethylhexyl)phthalate	21.24	149	1008100	57.12	nq	96
84) Di-n-octyl phthalate	22.13	149	1730255	57.15	nq	# 82
85) Indeno(1,2,3-cd)pyrene	25.99	276	1290920	56.99	nq	# 100
87) Benzo(b)fluoranthene	22.96	252	1363529	55.65	nq	# 93
88) Benzo(k)fluoranthene	23.00	252	1300535	55.86	nq	98
89) Benzo(a)pyrene	23.55	252	1218239	56.40	nq	100
90) Dibenzo(a,h)anthracene	25.99	278	1094089	57.40	nq	97
91) Benzo(g,h,i)perylene	26.70	276	959981	54.65	nq	# 92

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

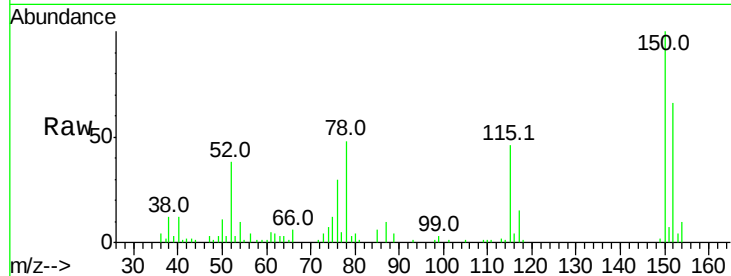


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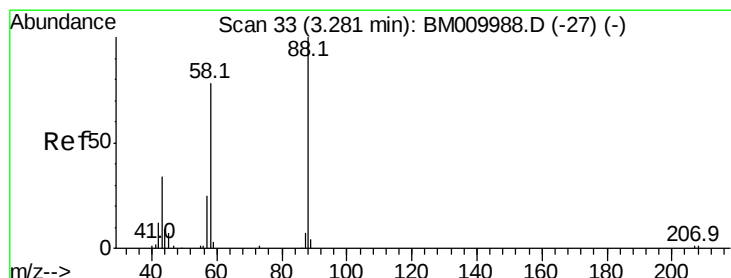
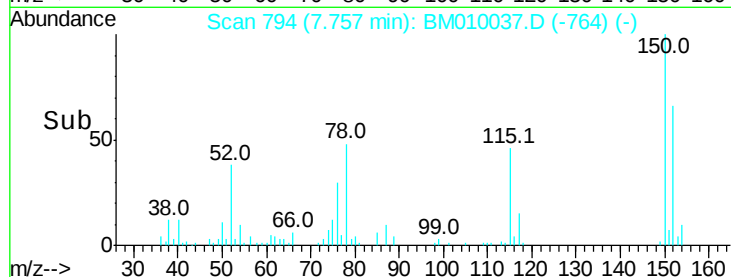
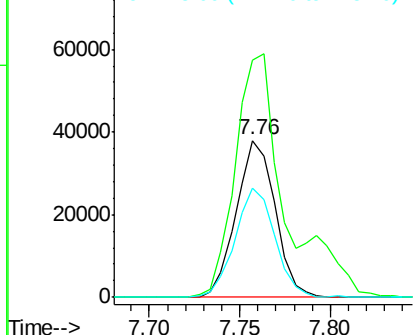
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 56767
Ion Ratio Lower Upper
152 100
150 151.0 119.5 179.3
115 70.1 43.0 64.4#



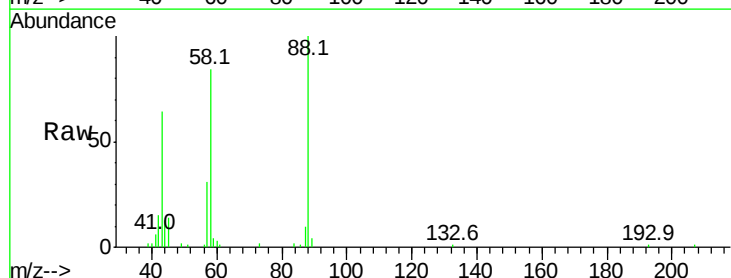
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



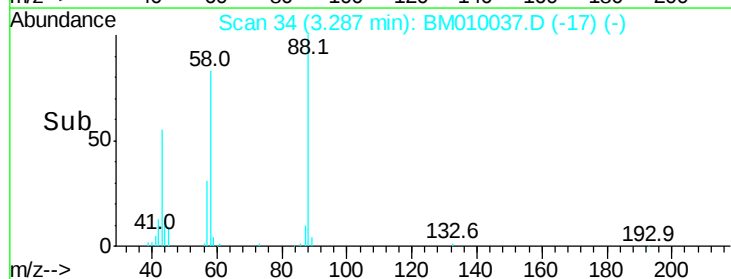
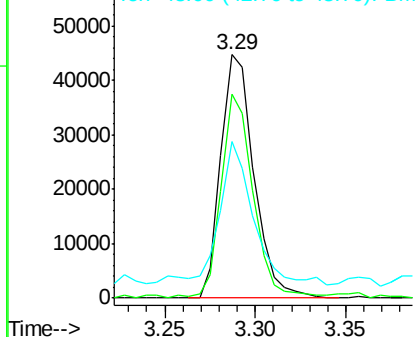
#2

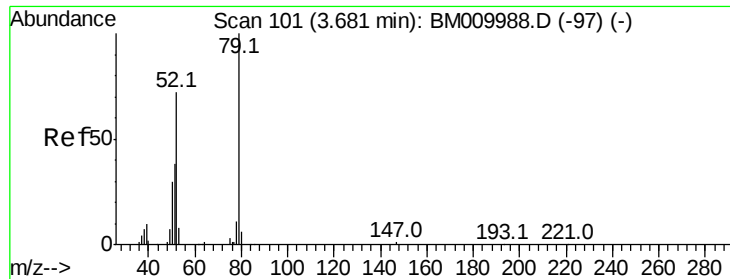
1,4-Dioxane
Concen: 42.46 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.00 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion: 88 Resp: 57065
Ion Ratio Lower Upper
88 100
58 80.6 0.0 0.0#
43 61.9 0.0 0.0#



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





#3

Pvridine

Concen: 40.45 ng

RT: 3.70 min Scan# 104

Delta R.T. 0.01 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampleId :

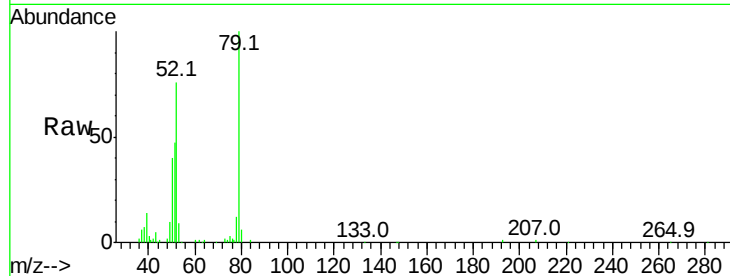
Tot Ion: 79 Resp: 200342

Ion Ratio Lower Upper

79 100

52 76.4 51.1 76.7

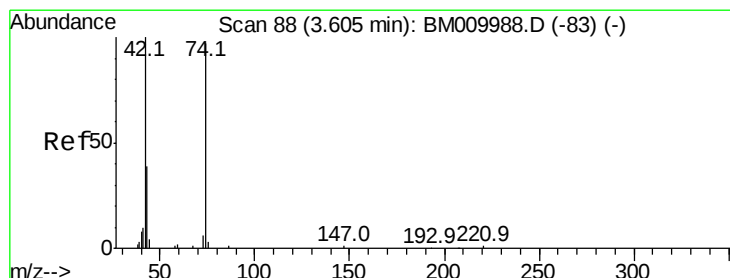
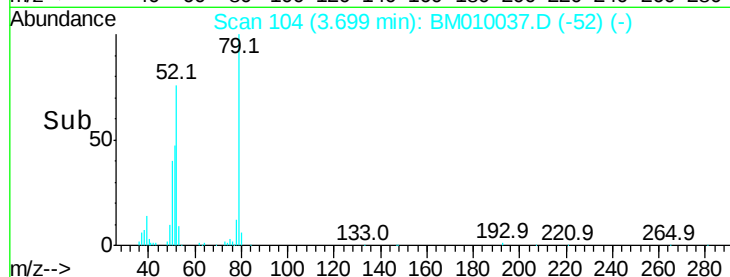
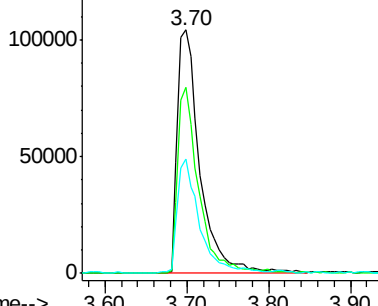
51 47.2 26.1 39.1#



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: 60.00 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

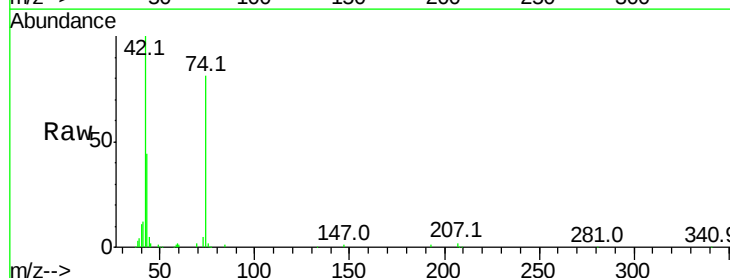
Tgt Ion: 42 Resp: 162795

Ion Ratio Lower Upper

42 100

74 80.9 119.3 178.9#

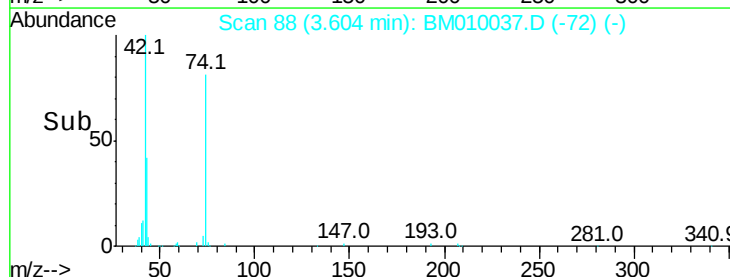
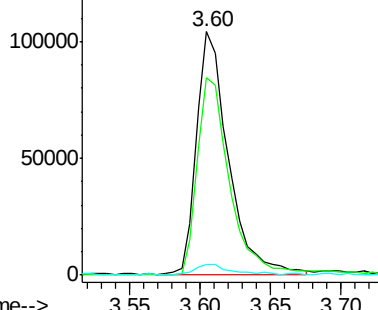
44 4.6 5.4 8.2#

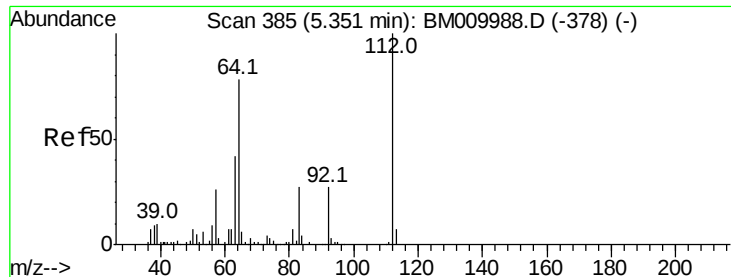


Abundance Ion 42.00 (41.70 to 42.70): BM009988.D (-83) (-)

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: 169.19 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampled :

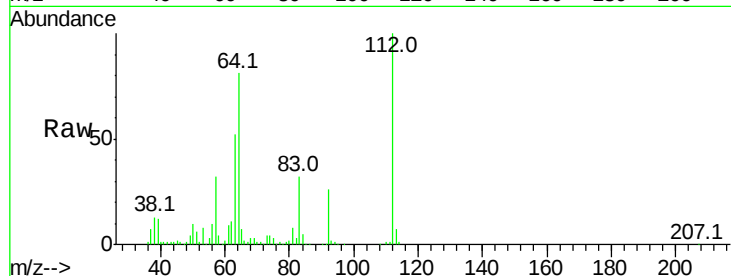
Tot Ion:112 Resp: 613739

Ion Ratio Lower Upper

112 100

64 81.3 38.6 57.8#

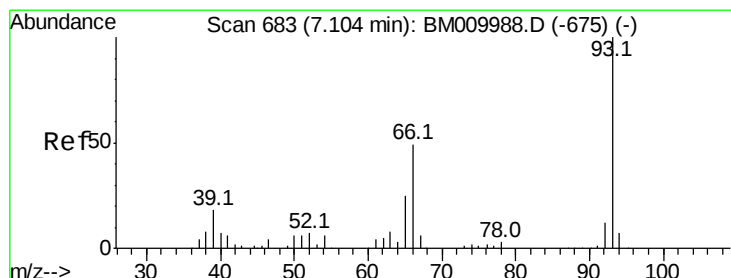
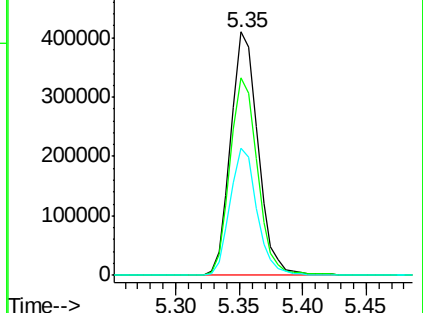
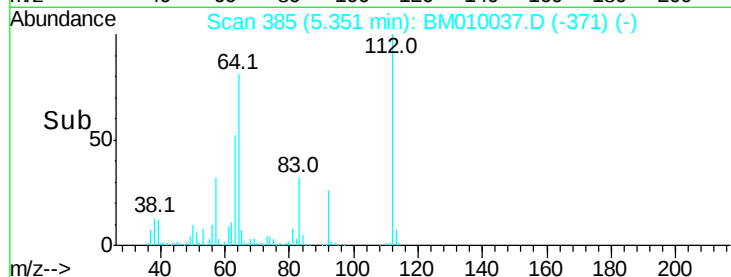
63 52.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 12.30 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

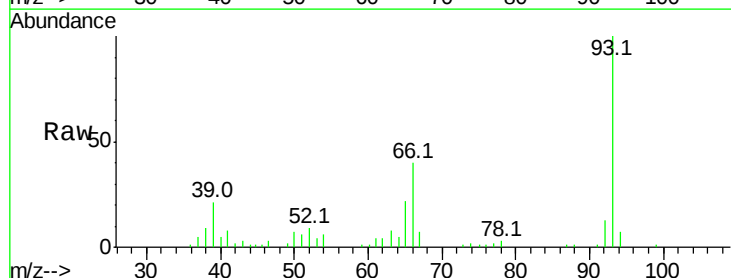
Tgt Ion: 93 Resp: 92848

Ion Ratio Lower Upper

93 100

66 40.2 30.8 46.2

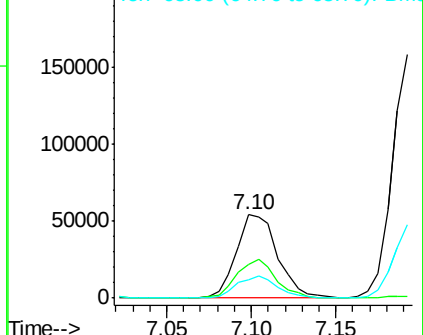
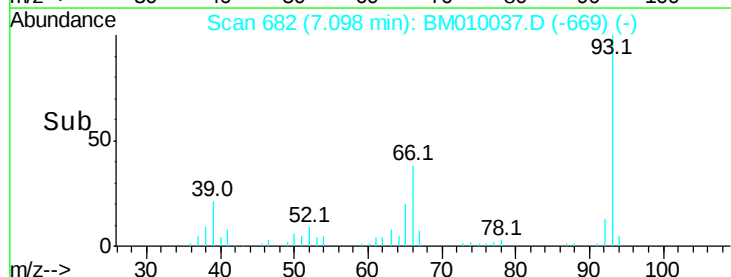
65 21.8 16.0 24.0

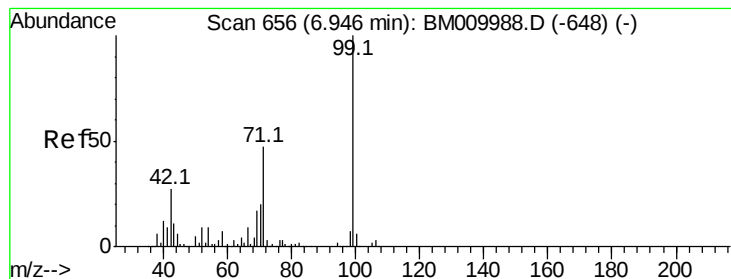


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 146.28 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampled :

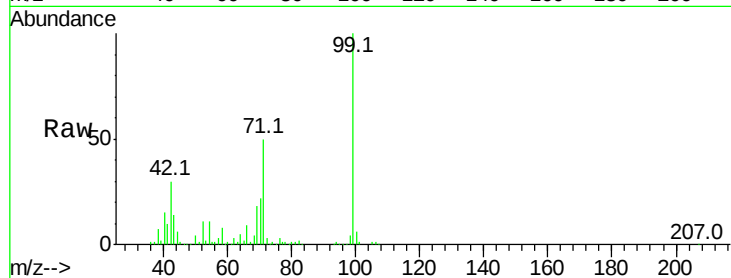
Tot Ion: 99 Resp: 850244

Ion Ratio Lower Upper

99 100

42 29.8 11.0 16.4#

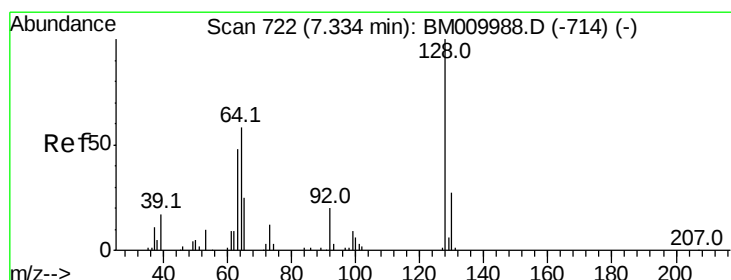
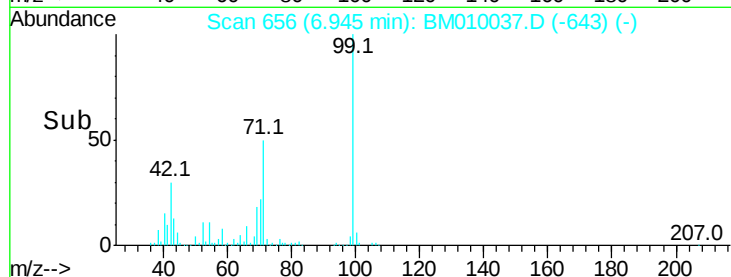
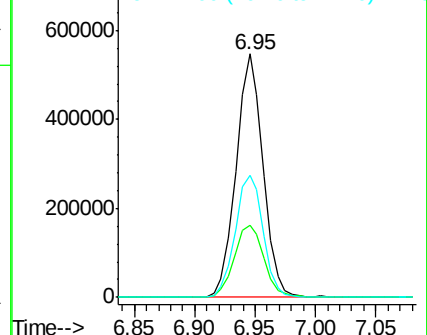
71 49.9 23.4 35.2#



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: 55.57 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

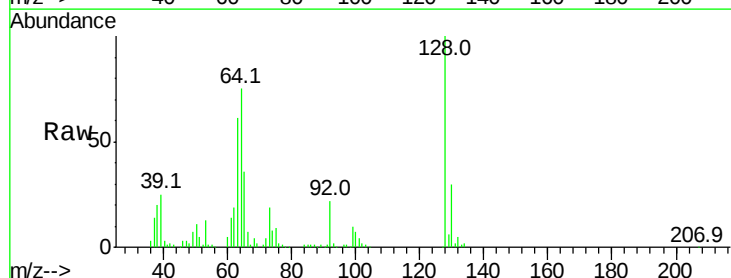
Tgt Ion: 128 Resp: 218840

Ion Ratio Lower Upper

128 100

130 29.5 12.0 52.0

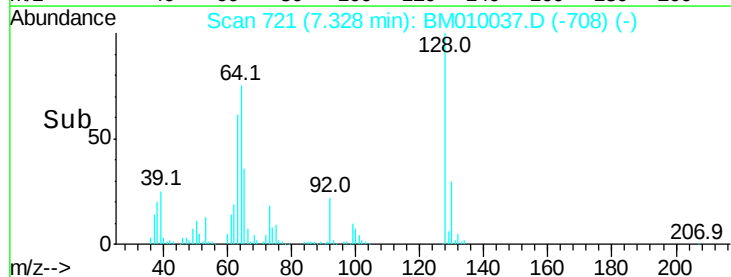
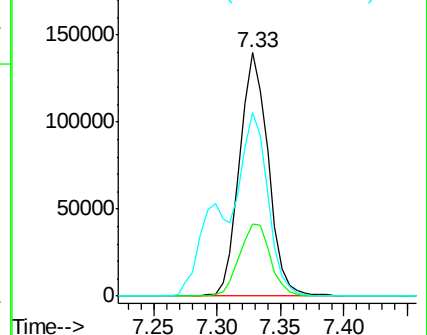
64 75.1 24.9 64.9#

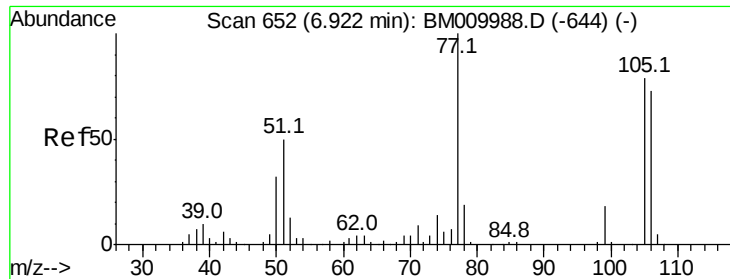


Abundance Ion 128.00 (127.70 to 128.70): BM009988.D (-714) (-)

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: 8.65 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampled :

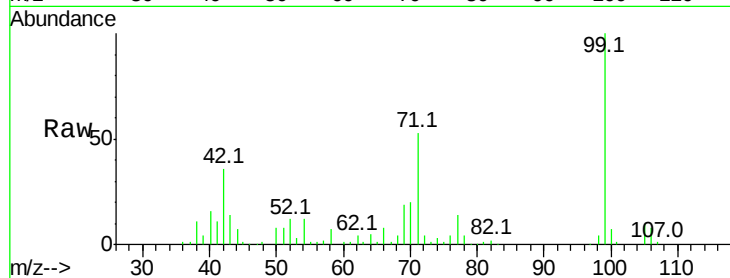
Tot Ion: 77 Resp: 37656

Ion Ratio Lower Upper

77 100

105 70.7 78.8 118.8#

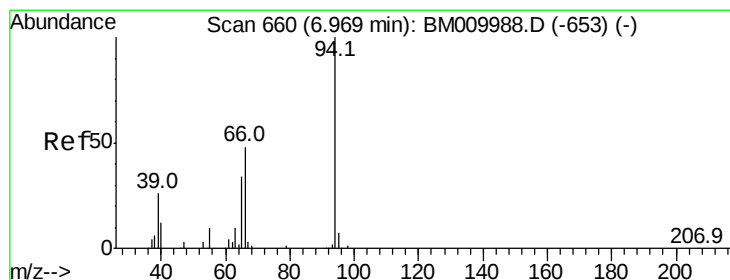
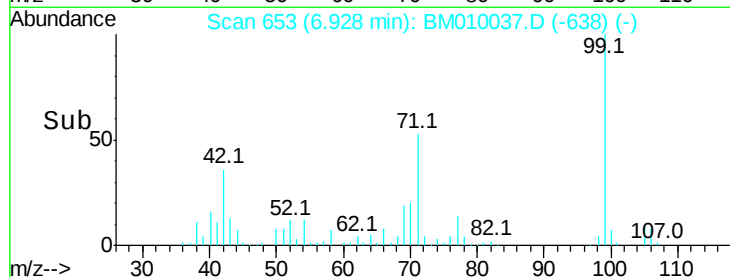
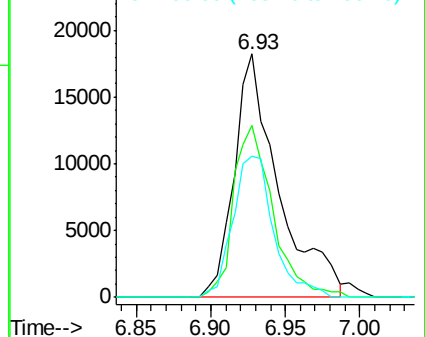
106 58.2 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 48.35 ng

RT: 6.97 min Scan# 661

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

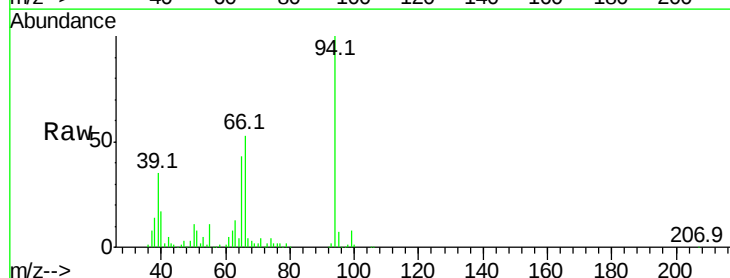
Tgt Ion: 94 Resp: 305373

Ion Ratio Lower Upper

94 100

65 42.6 18.8 58.8

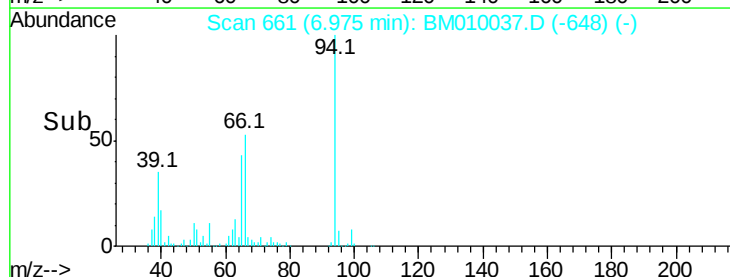
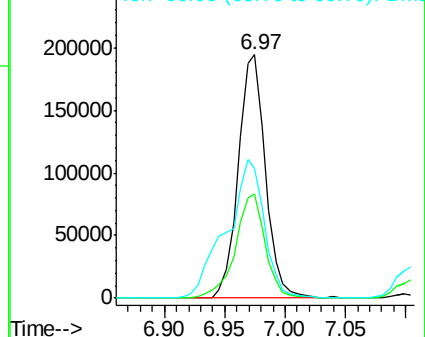
66 53.1 39.9 79.9

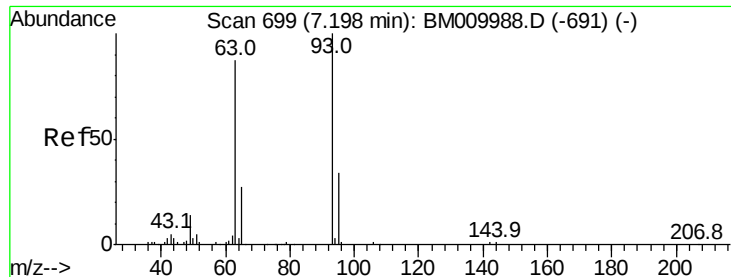


Abundance Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

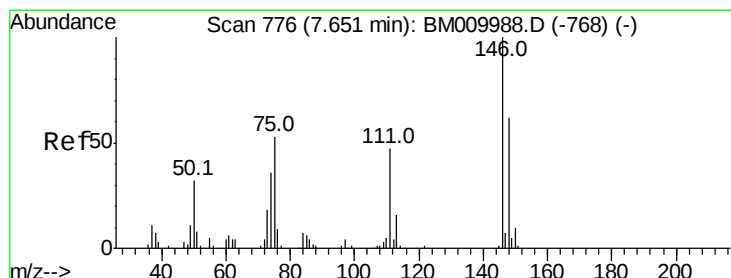
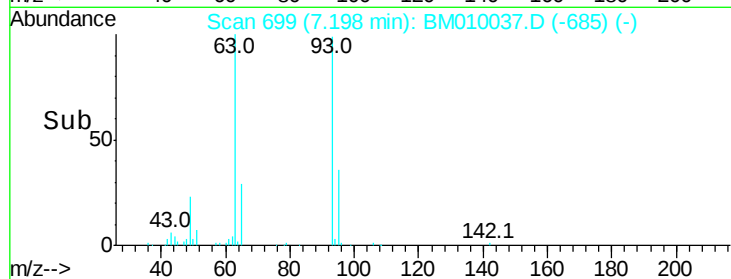
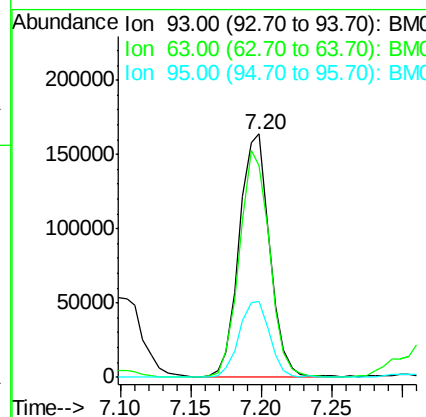
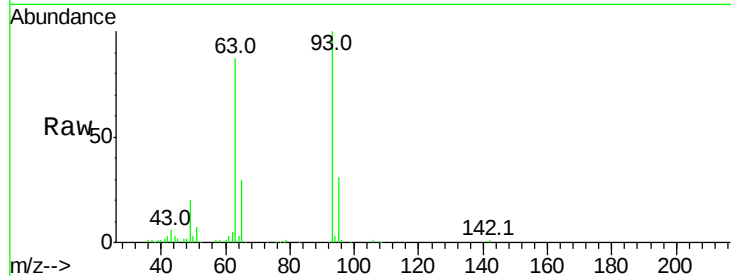




#11
bis(2-Chloroethyl)ether
Concen: 49.78 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

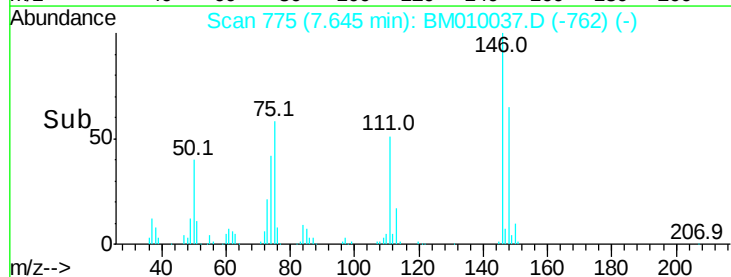
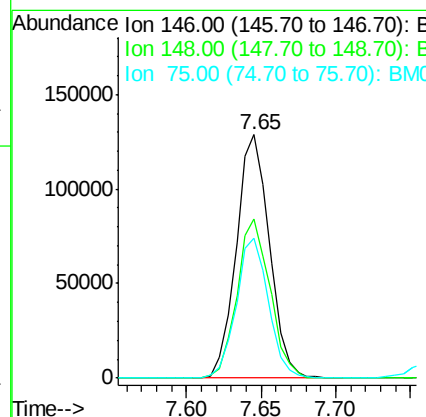
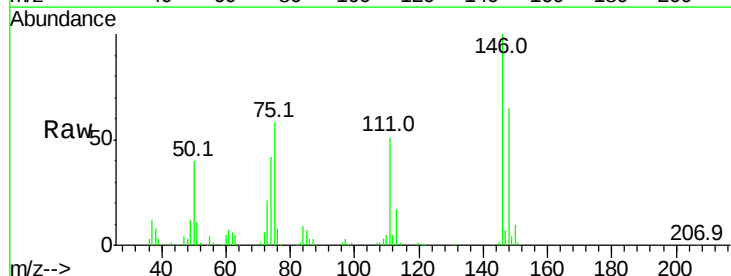
Instrument :
BNA_M
ClientSampled :

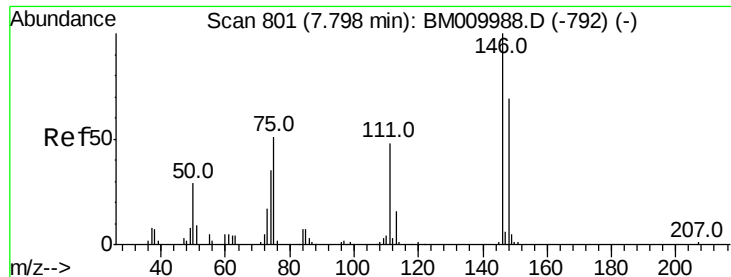
Tot Ion: 93 Resp: 244489
Ion Ratio Lower Upper
93 100
63 87.1 49.5 89.5
95 31.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 45.27 ng
RT: 7.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion: 146 Resp: 199012
Ion Ratio Lower Upper
146 100
148 65.2 50.9 76.3
75 57.7 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 45.40 ng

RT: 7.79 min Scan# 800

Delta R.T. -0.03 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampleId :

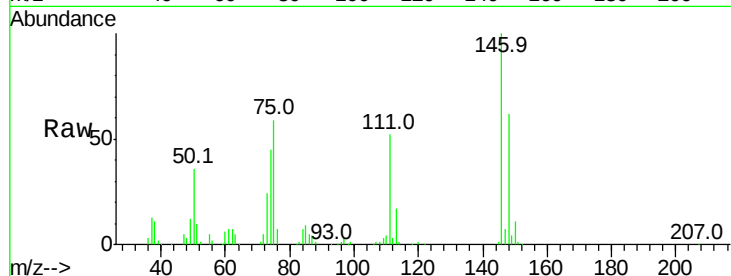
Tot Ion:146 Resp: 204538

Ion Ratio Lower Upper

146 100

148 61.9 51.9 77.9

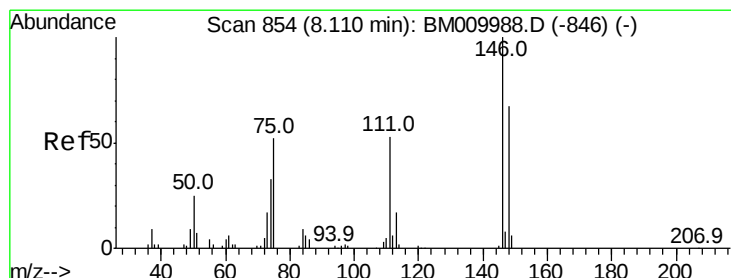
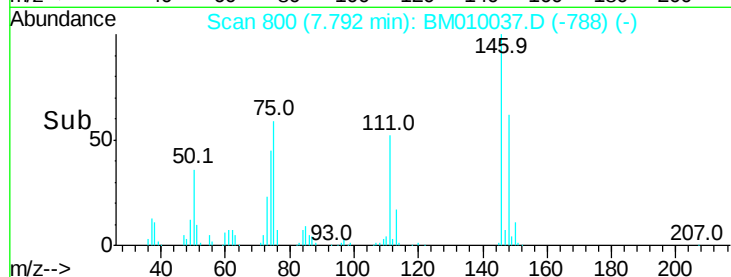
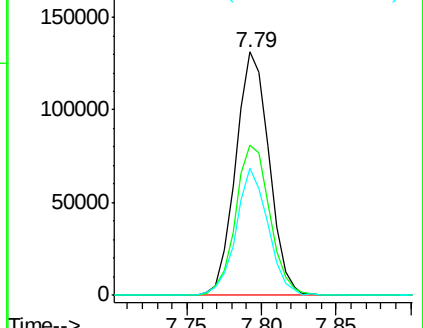
111 52.1 29.2 43.8#



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: 46.94 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

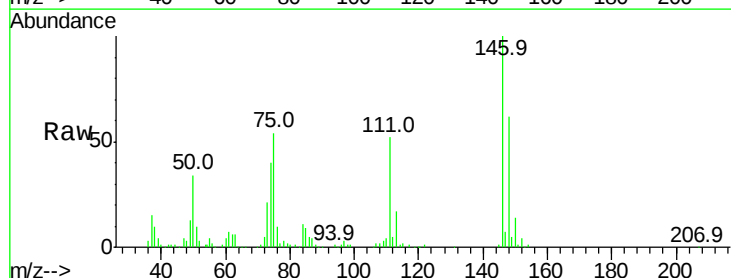
Tgt Ion:146 Resp: 204997

Ion Ratio Lower Upper

146 100

148 61.5 52.3 78.5

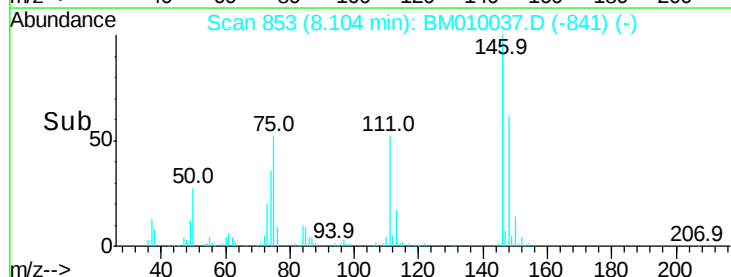
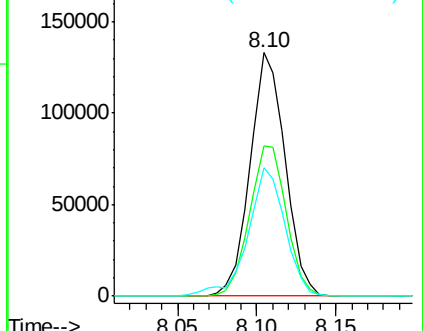
111 52.5 30.6 45.8#

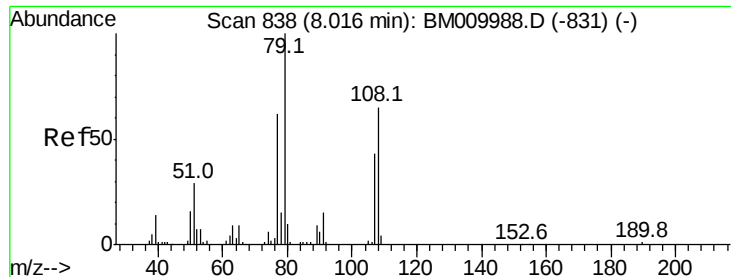


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 63.08 ng

RT: 8.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampled :

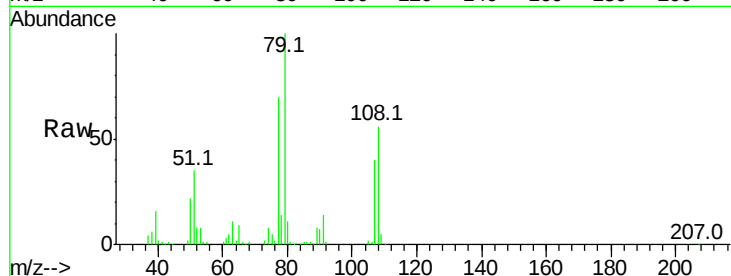
Tot Ion: 79 Resp: 312507

Ion Ratio Lower Upper

79 100

108 56.4 65.0 97.4#

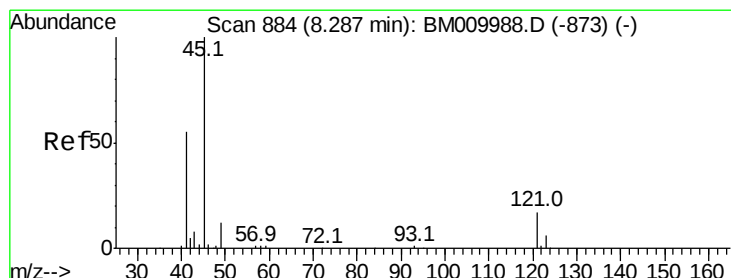
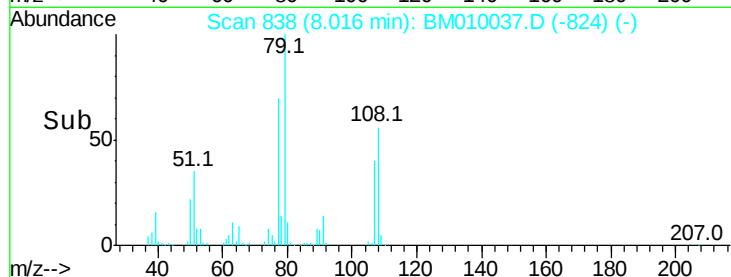
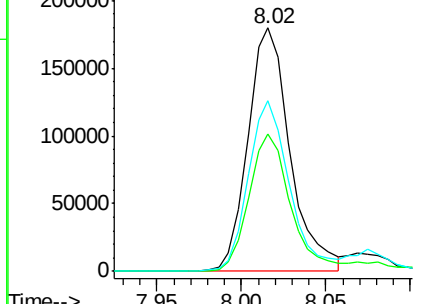
77 70.3 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM010037.D (-824) (-)

Ion 108.00 (107.70 to 108.70): BM010037.D (-824) (-)

Ion 77.00 (76.70 to 77.70): BM010037.D (-824) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.41 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

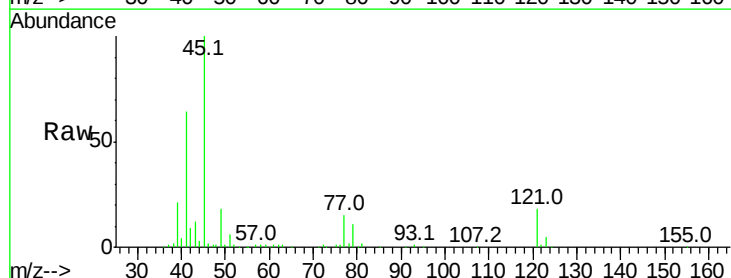
Tgt Ion: 45 Resp: 392875

Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.2

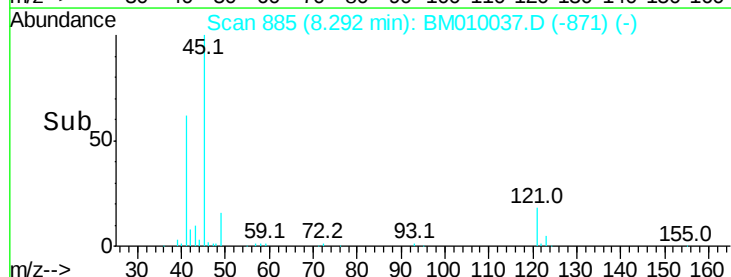
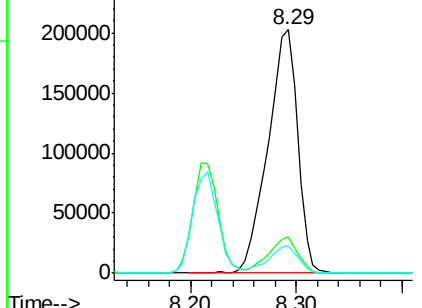
79 11.2 0.0 32.0

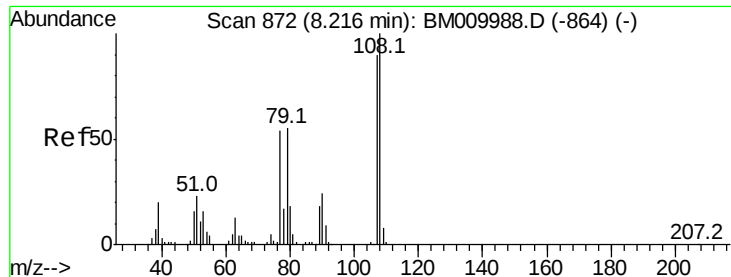


Abundance Ion 45.00 (44.70 to 45.70): BM010037.D (-871) (-)

Ion 77.00 (76.70 to 77.70): BM010037.D (-871) (-)

Ion 79.00 (78.70 to 79.70): BM010037.D (-871) (-)





#17

2-Methylphenol

Concen: 52.52 ng

RT: 8.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BM010037.D

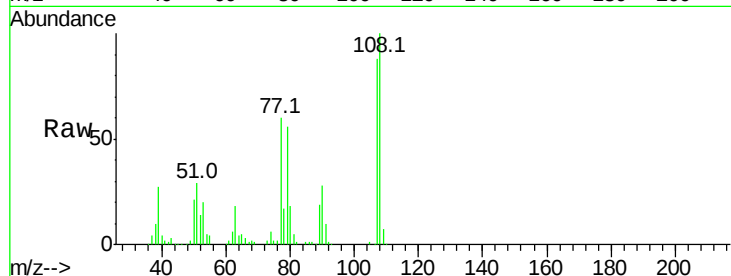
Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	107	Resp:	216545
Ion	Ratio	Lower	Upper
107	100		
108	113.7	89.8	134.8
77	68.4	32.6	48.8#
79	63.6	32.8	49.2#

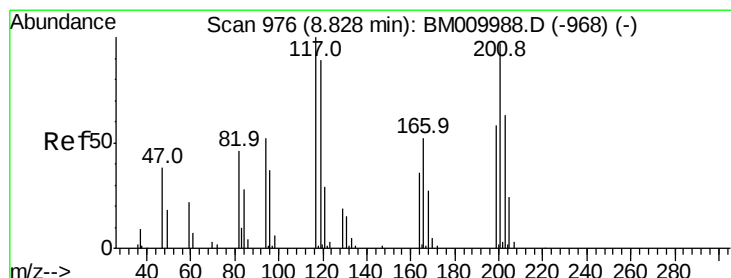
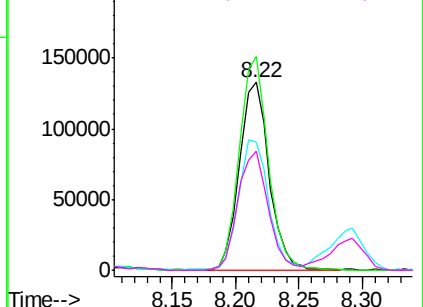
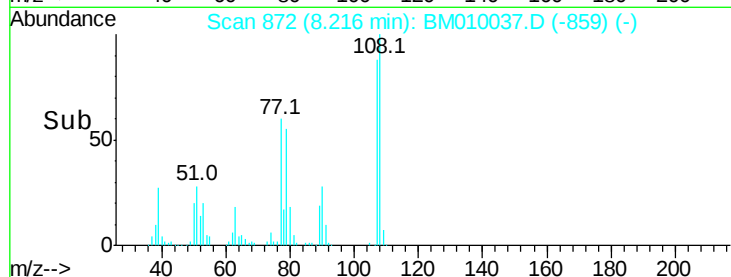


Abundance Ion 107.00 (106.70 to 107.70): E

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: 52.23 ng

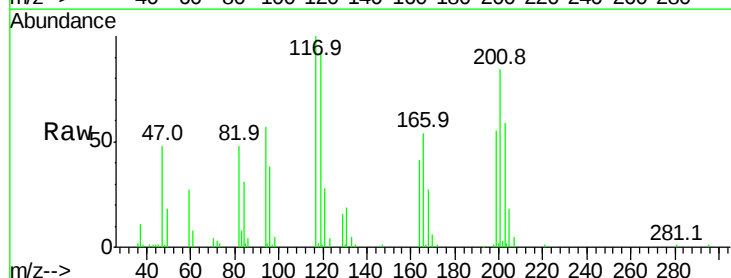
RT: 8.82 min Scan# 975

Delta R.T. -0.03 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

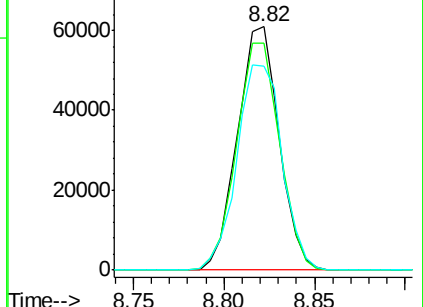
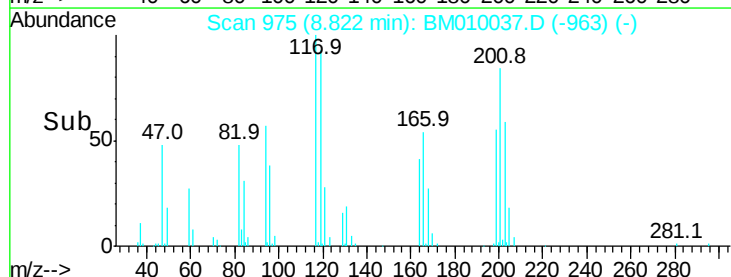
Tgt Ion:	117	Resp:	97557
Ion	Ratio	Lower	Upper
117	100		
119	93.3	79.2	118.8
201	83.6	69.8	104.6

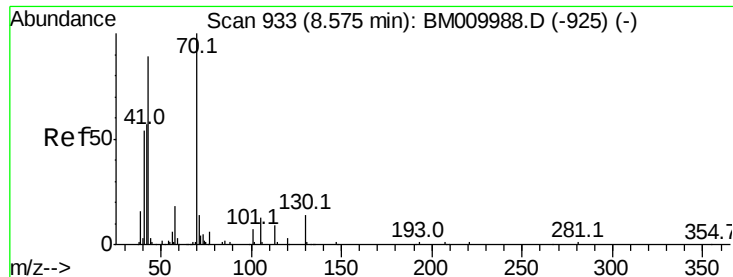


Abundance Ion 117.00 (116.70 to 117.70): E

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: 52.91 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BM010037.D

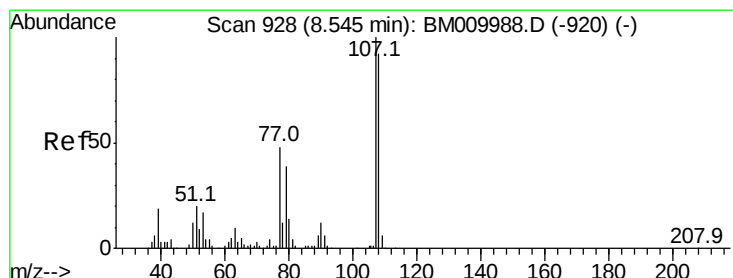
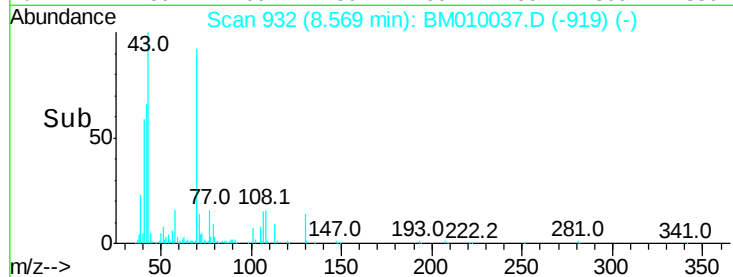
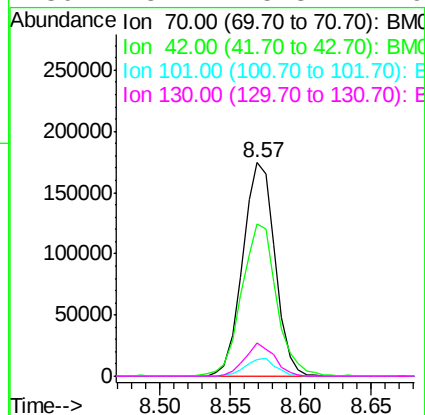
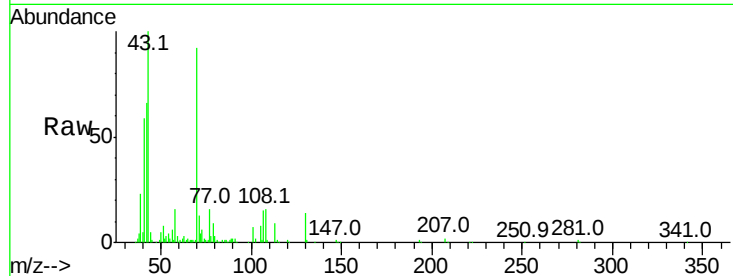
Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	70	Resp:	279026
Ion	Ratio	Lower	Upper
70	100		
42	71.5	44.5	66.7#
101	7.6	7.4	11.2
130	15.4	15.3	22.9



#20

3+4-Methylphenols

Concen: 53.63 ng

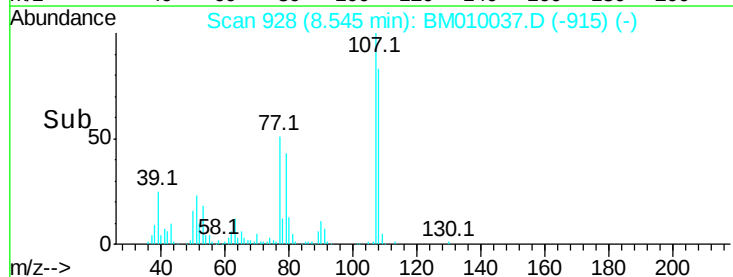
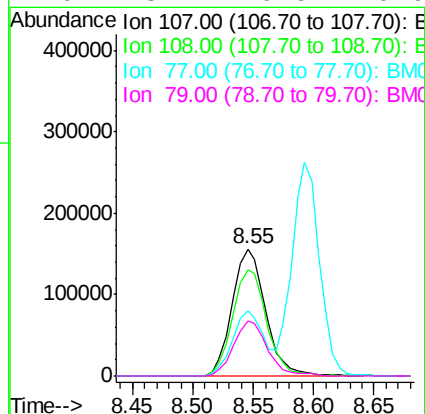
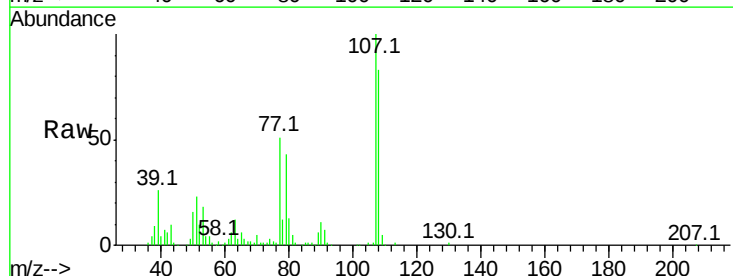
RT: 8.55 min Scan# 928

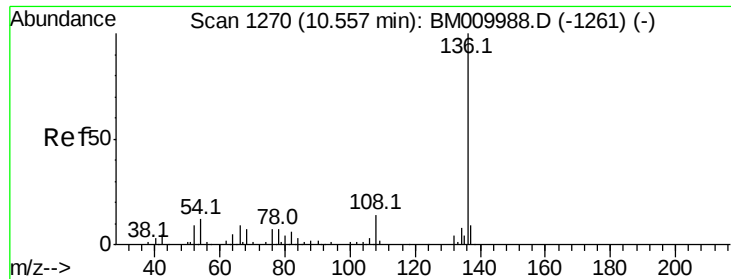
Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Tgt Ion:	107	Resp:	301000
Ion	Ratio	Lower	Upper
107	100		
108	83.4	73.2	113.2
77	50.9	10.7	50.7#
79	43.4	9.6	49.6

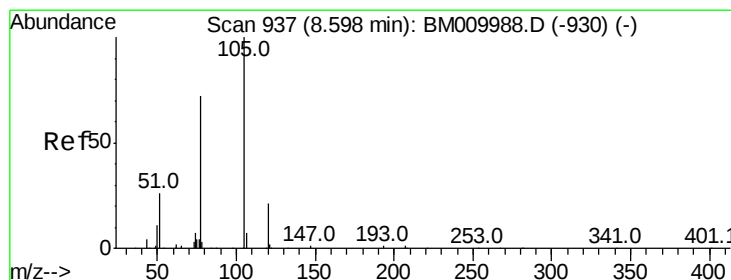
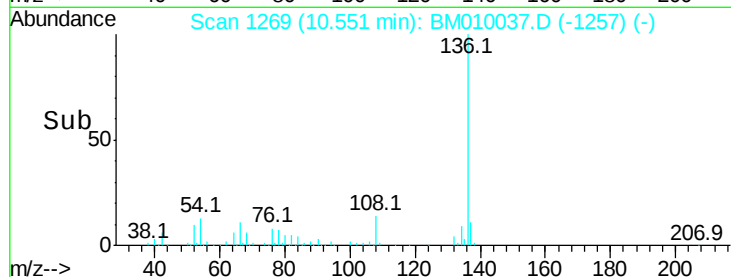
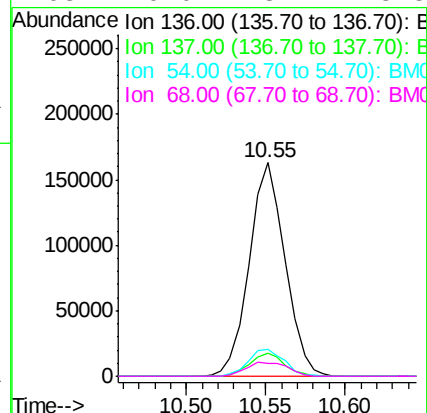
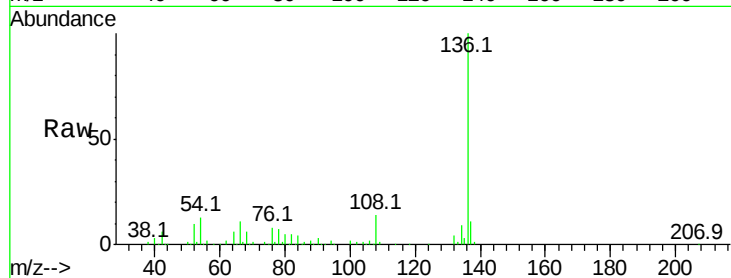




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

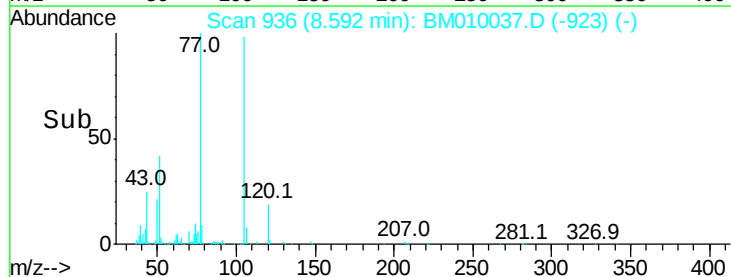
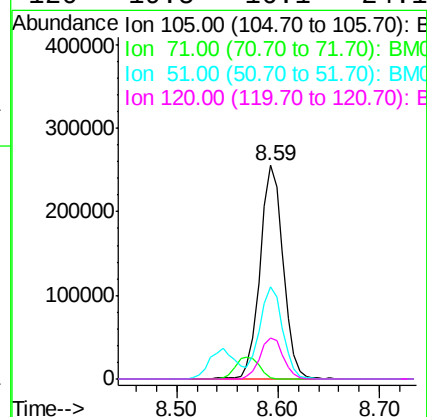
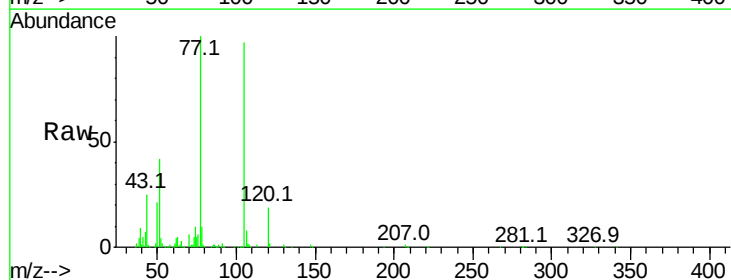
Instrument :
BNA_M
ClientSampleId :

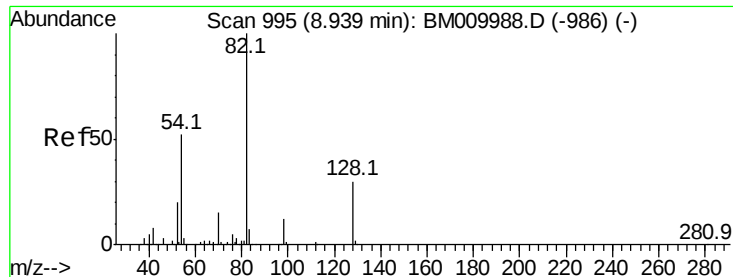
Tot Ion:136	Resp: 255810
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 12.5	4.6 6.8#
68 6.0	3.7 5.5#



#22
Acetophenone
Concen: 52.12 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion:105	Resp: 407644
Ion Ratio	Lower Upper
105 100	
71 0.7	0.6 1.0
51 43.3	21.6 32.4#
120 19.5	16.1 24.1

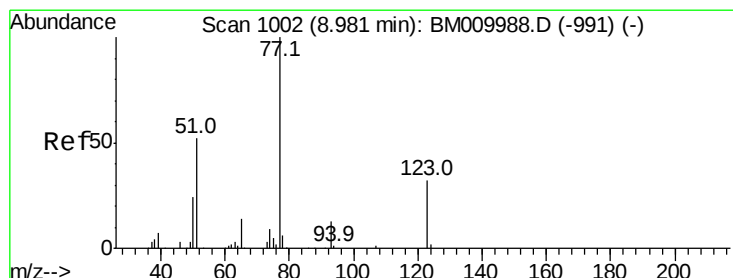
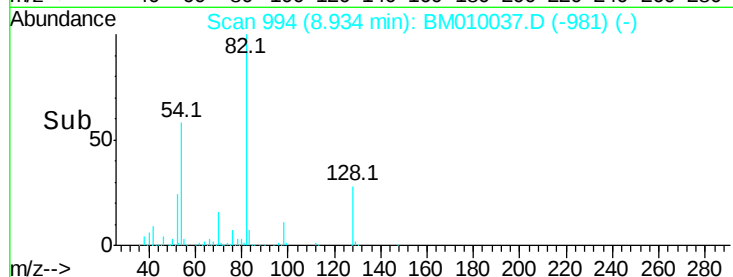
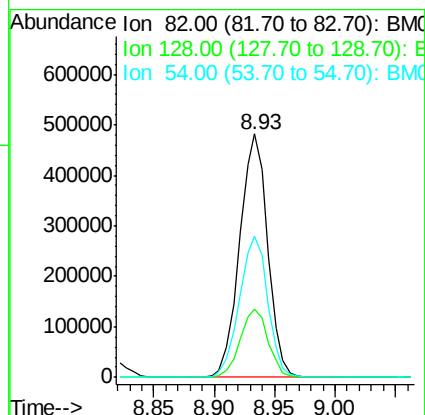
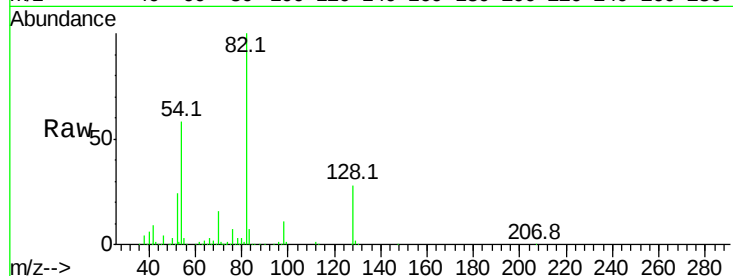




#23
Nitrobenzene-d5
Concen: 111.70 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

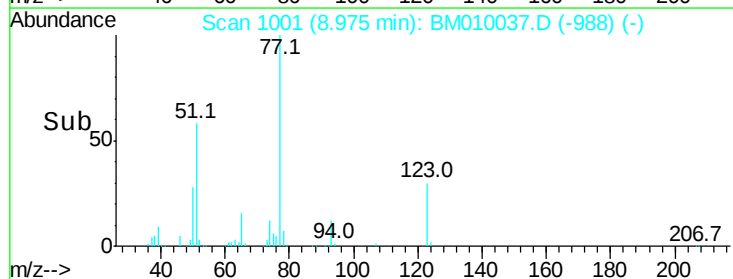
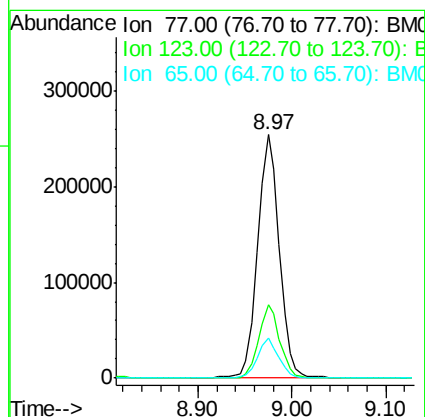
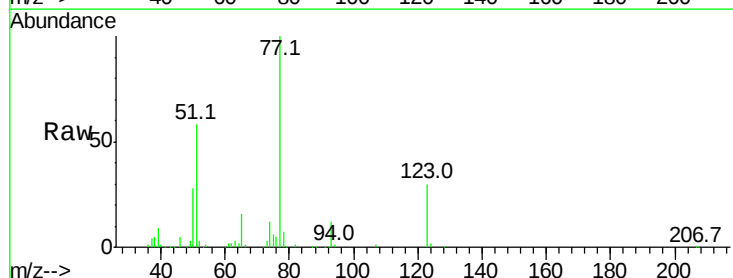
Instrument :
BNA_M
ClientSampleId :

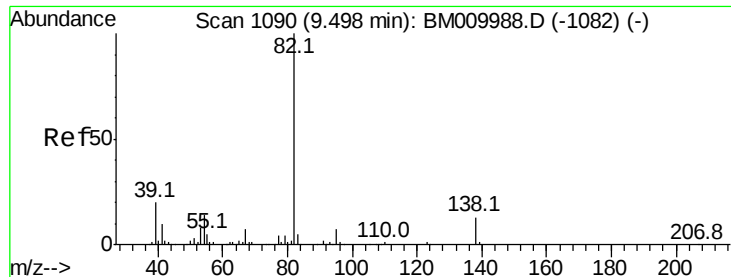
Tot Ion	82	Resp	781915
Ion	Ratio	Lower	Upper
82	100		
128	27.9	32.8	49.2#
54	57.8	40.6	60.8



#24
Nitrobenzene
Concen: 54.70 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion	77	Resp	407473
Ion	Ratio	Lower	Upper
77	100		
123	29.9	32.6	49.0#
65	16.3	10.9	16.3#





#25

Isophorone

Concen: 57.00 ng

RT: 9.49 min Scan# 1089

Delta R.T. -0.03 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampled :

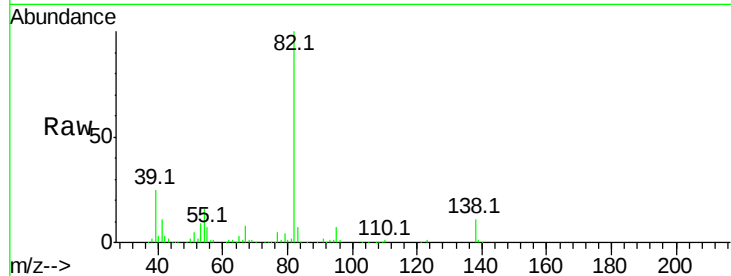
Tot Ion: 82 Resp: 686608

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

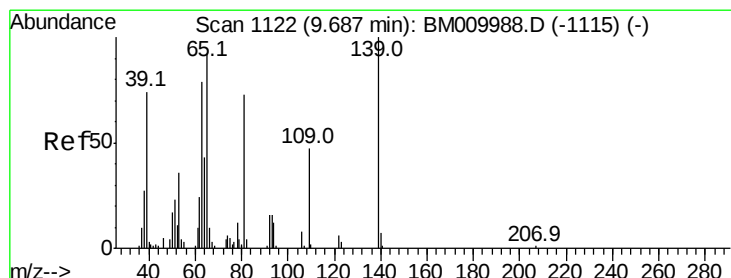
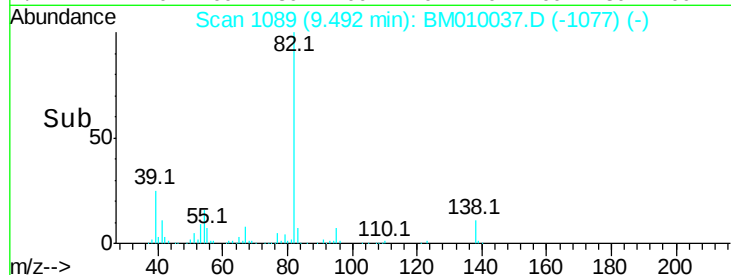
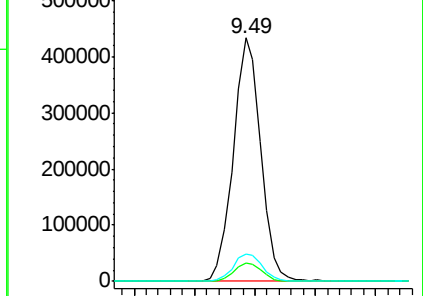
138 11.5 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010037.D (-1077) (-)

Ion 95.00 (94.70 to 95.70): BM010037.D (-1077) (-)

Ion 138.00 (137.70 to 138.70): BM010037.D (-1077) (-)



#26

2-Nitrophenol

Concen: 52.10 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

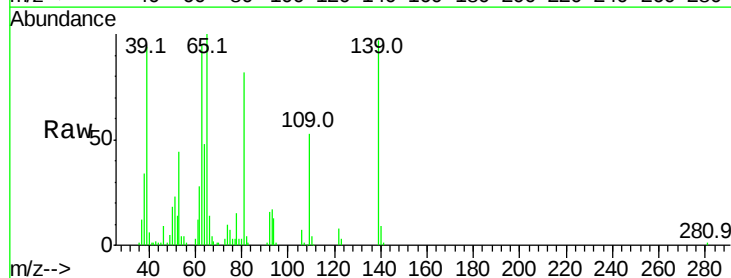
Tgt Ion: 139 Resp: 116871

Ion Ratio Lower Upper

139 100

109 54.8 20.1 30.1#

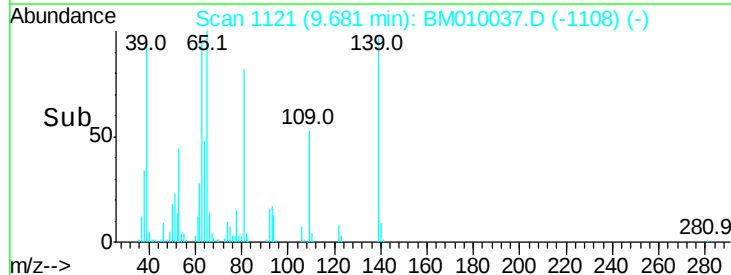
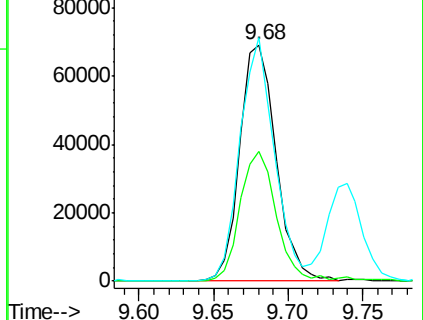
65 103.1 31.5 47.3#

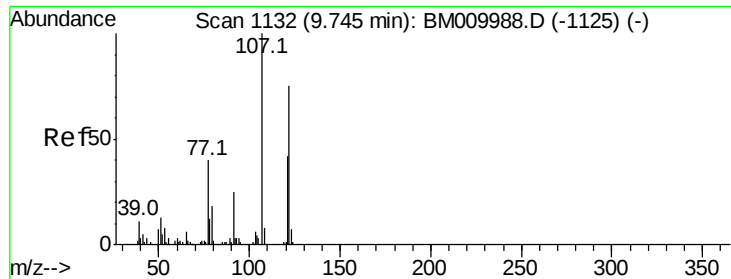


Abundance Ion 139.00 (138.70 to 139.70): BM010037.D (-1108) (-)

Ion 109.00 (108.70 to 109.70): BM010037.D (-1108) (-)

Ion 65.00 (64.70 to 65.70): BM010037.D (-1108) (-)

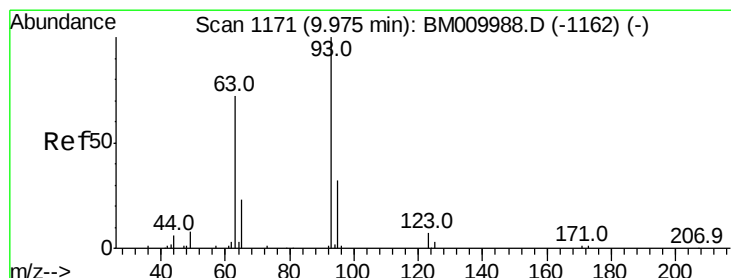
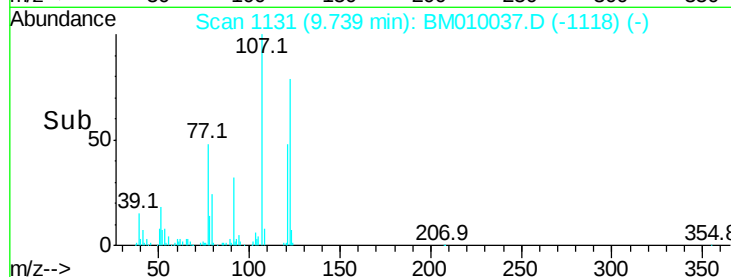
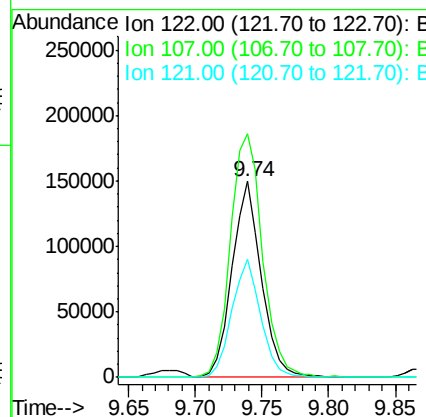
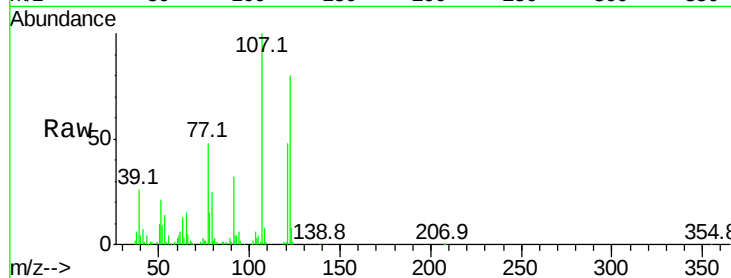




#27
2,4-Dimethylphenol
Concen: 54.24 ng
RT: 9.74 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

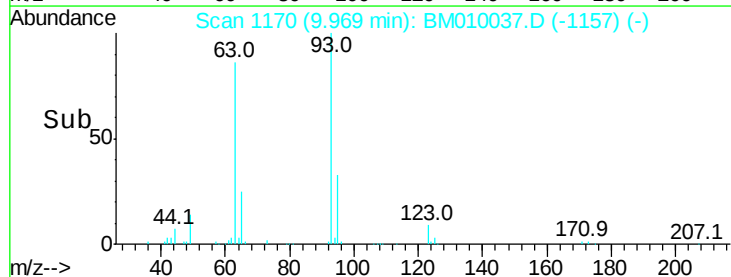
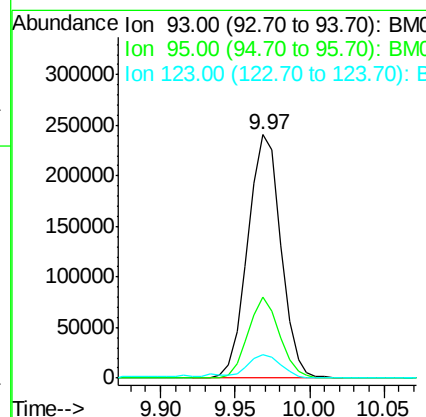
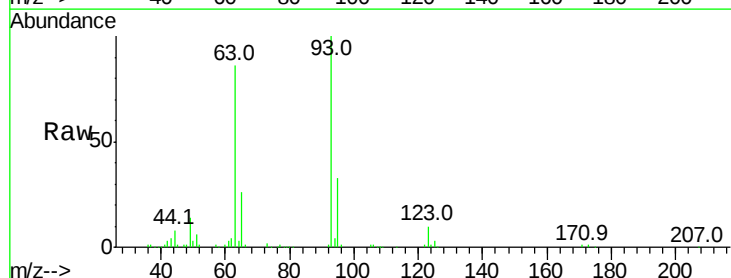
Instrument :
BNA_M
ClientSampled :

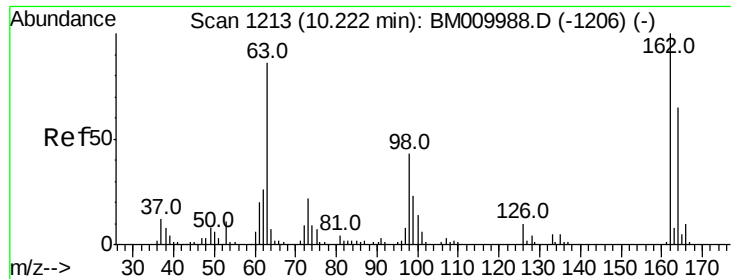
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.3	84.7	127.1
121	60.0	46.6	69.8



#28
bis(2-Chloroethoxy)methane
Concen: 51.04 ng
RT: 9.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.5	38.3
123	9.8	8.6	13.0

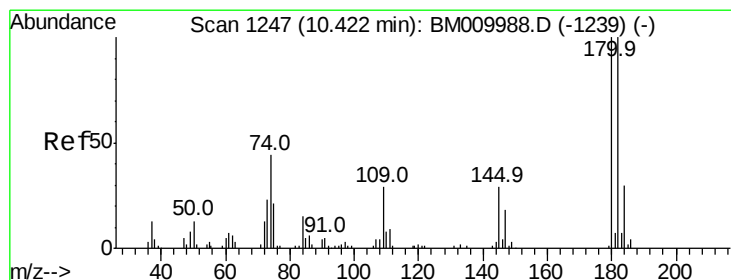
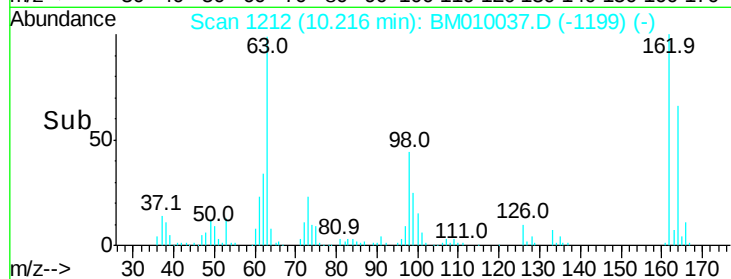
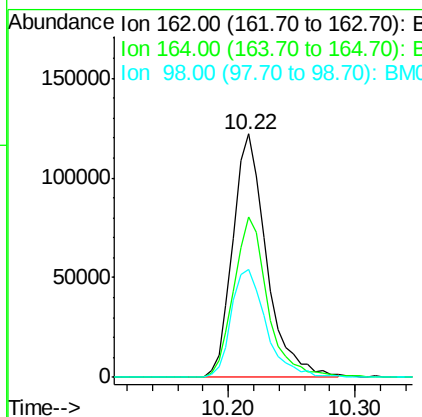
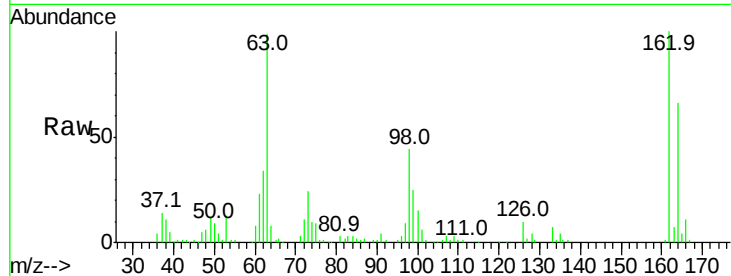




#29
 2,4-Dichlorophenol
 Concen: 55.33 ng
 RT: 10.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

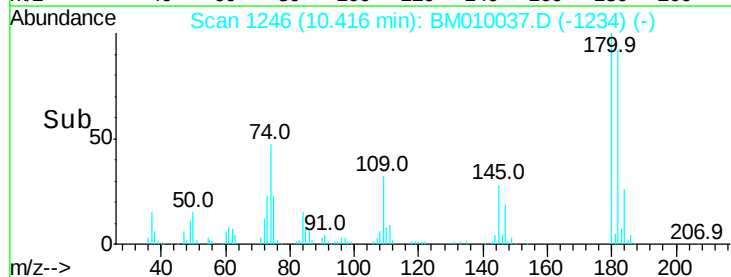
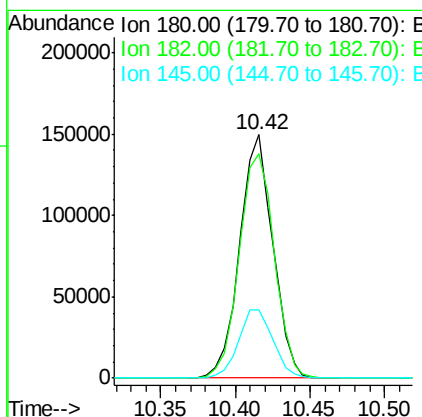
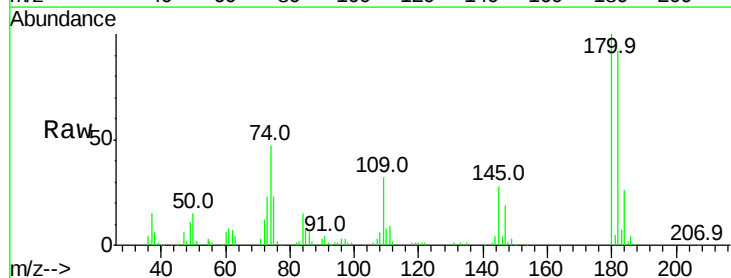
Instrument :
 BNA_M
 ClientSampleId :

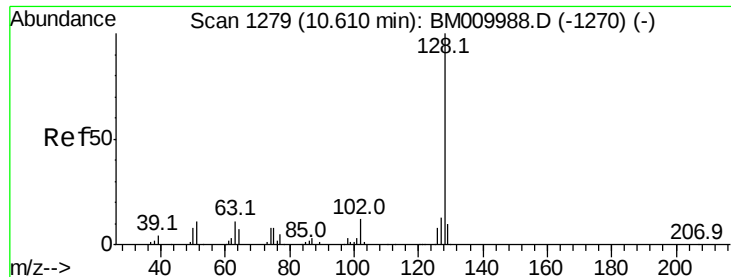
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.8	82.8
98	44.3	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 48.34 ng
 RT: 10.42 min Scan# 1246
 Delta R.T. -0.03 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	77.6	116.4
145	27.9	23.4	35.2

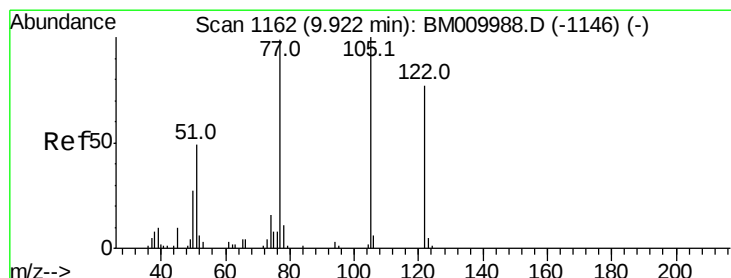
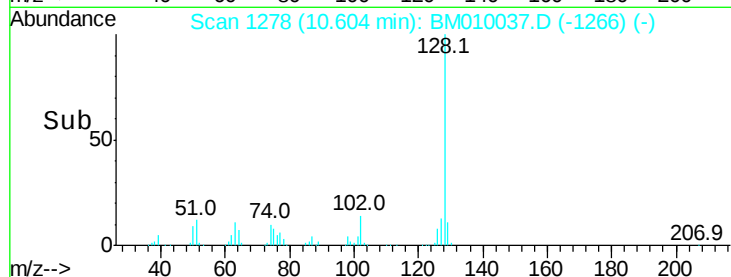
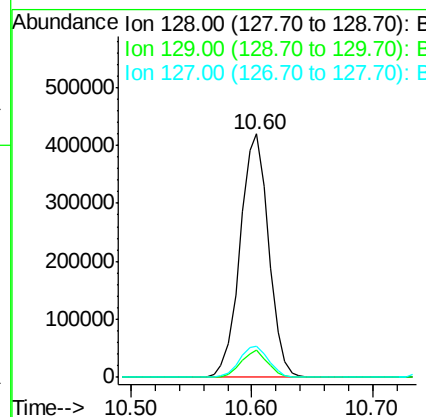
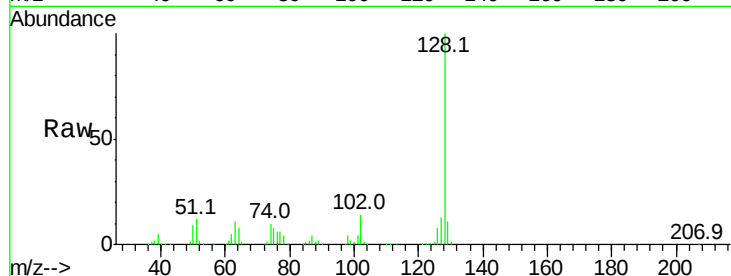




#31
Naphthalene
Concen: 49.08 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

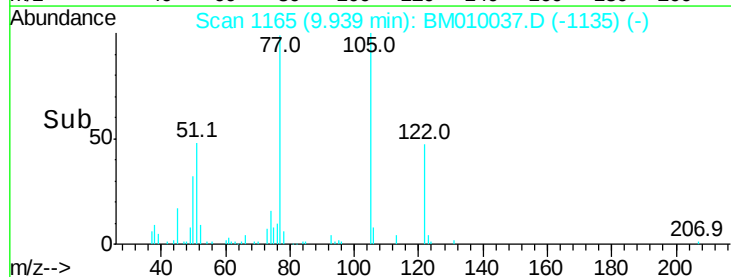
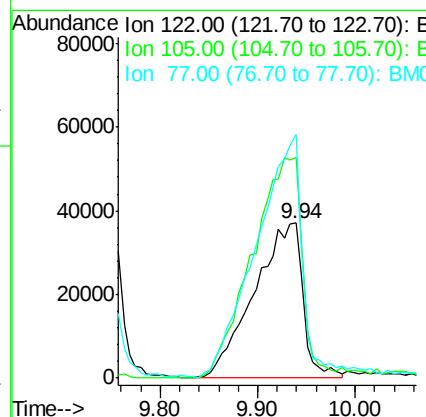
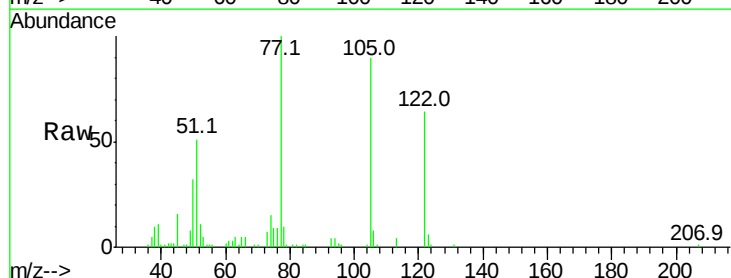
Instrument :
BNA_M
ClientSampleId :

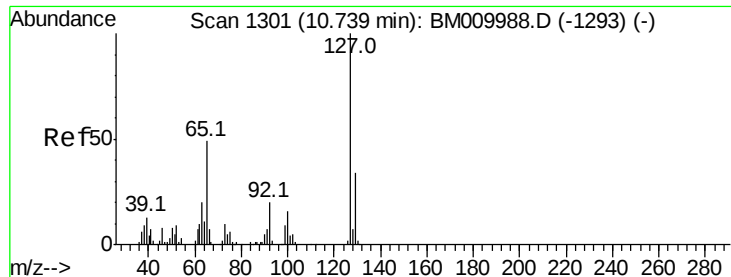
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	12.8	10.4	15.6



#32
Benzoic acid
Concen: 46.26 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.9	99.9	139.9#
77	157.0	73.7	113.7#

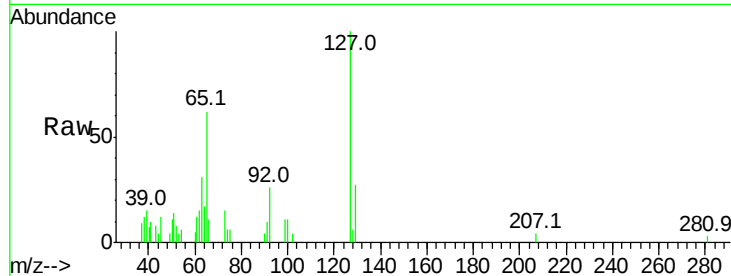




#33
4-Chloroaniline
Concen: 3.40 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	26.5	25.3	37.9
65	61.5	17.6	26.4
92	26.3	13.1	19.7



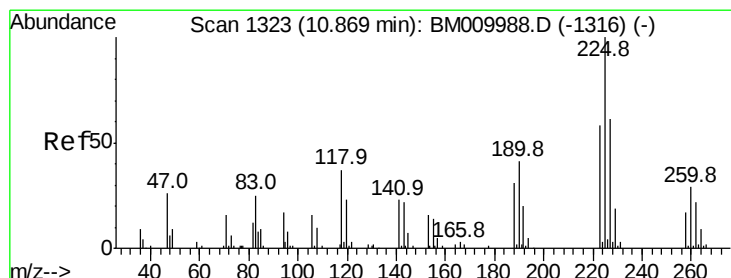
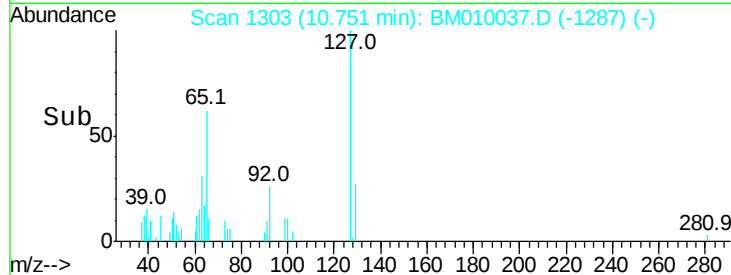
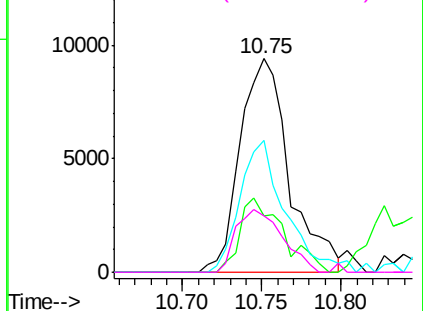
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

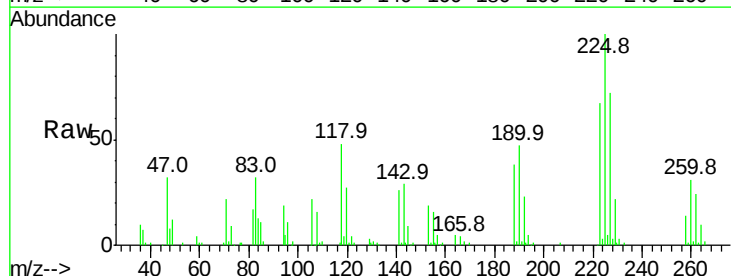
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 46.27 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.5	47.9	71.9
227	71.9	50.1	75.1

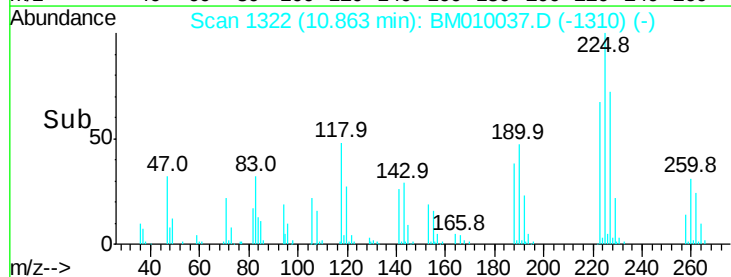
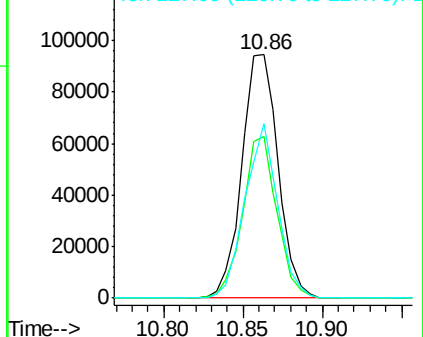


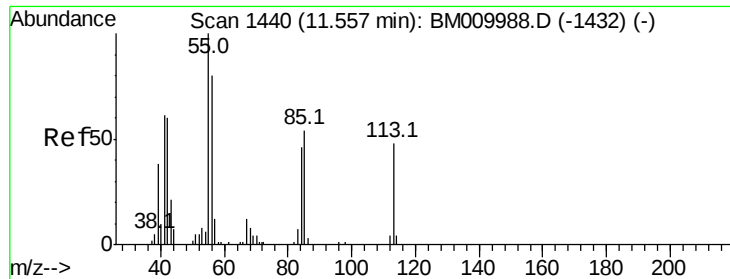
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.43 ng

RT: 11.56 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampleId :

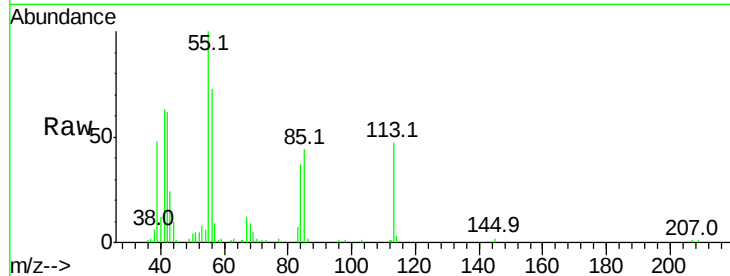
Tot Ion:113 Resp: 37404

Ion Ratio Lower Upper

113 100

55 214.2 145.9 185.9#

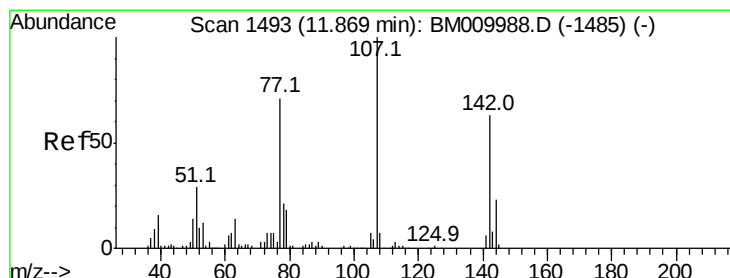
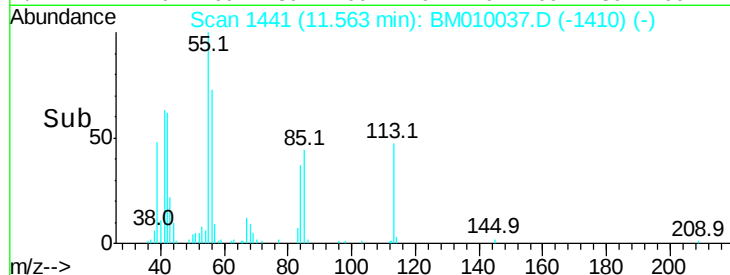
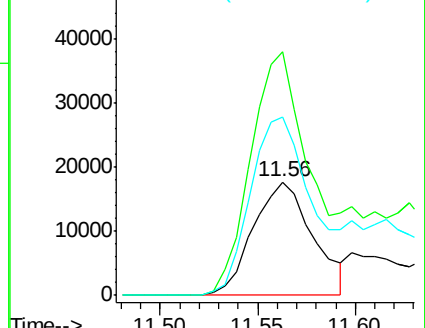
56 156.5 101.0 141.0#



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: 53.24 ng

RT: 11.87 min Scan# 1493

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

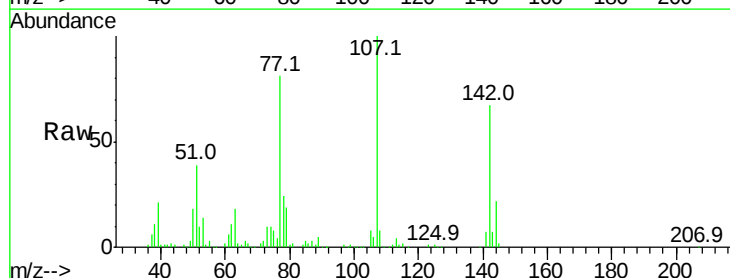
Tgt Ion:107 Resp: 290663

Ion Ratio Lower Upper

107 100

144 22.4 23.3 34.9#

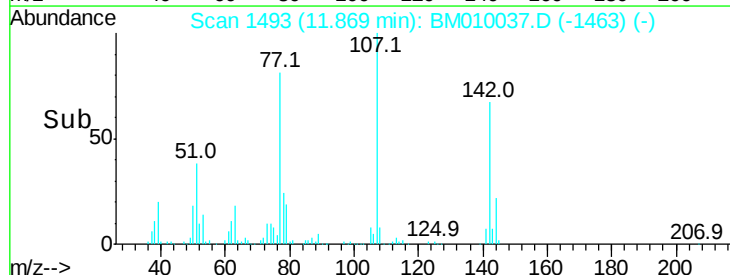
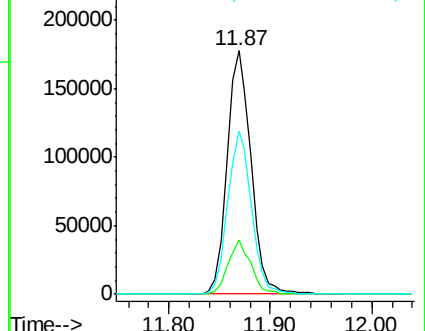
142 66.8 72.6 109.0#

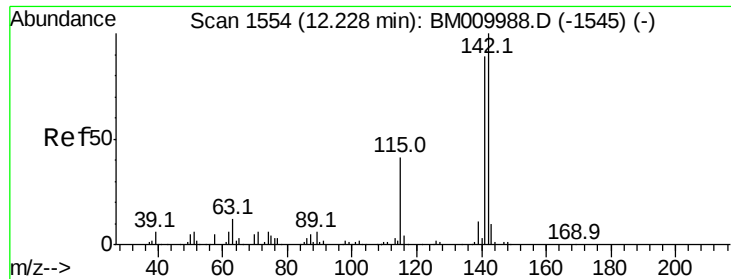


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

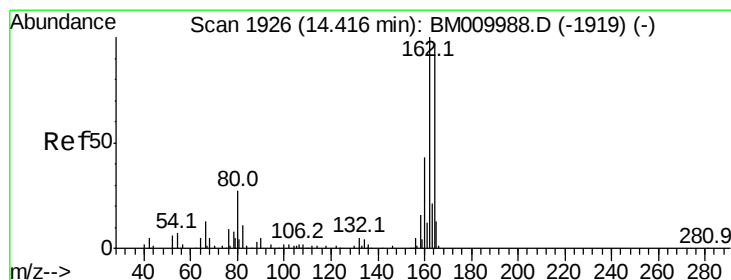
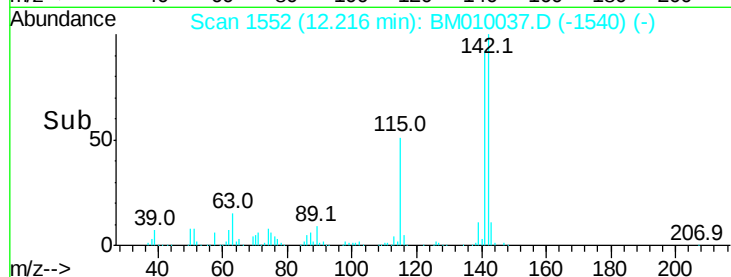
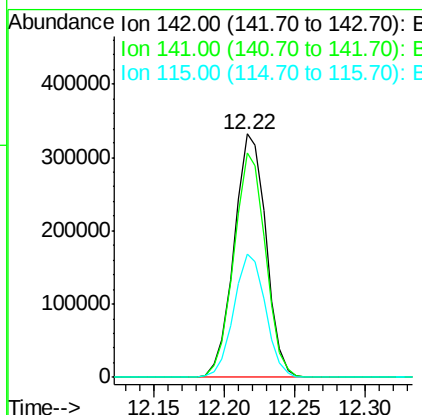
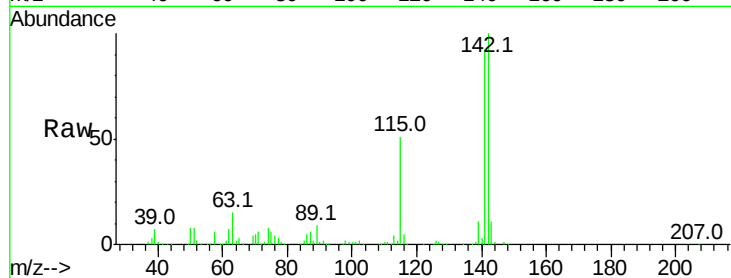




#37
 2-Methylnaphthalene
 Concen: 51.78 ng
 RT: 12.22 min Scan# 1552
 Delta R.T. -0.03 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

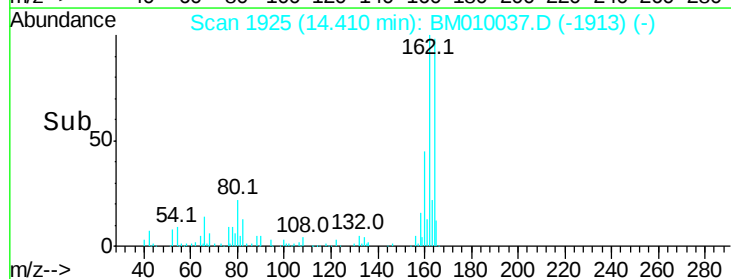
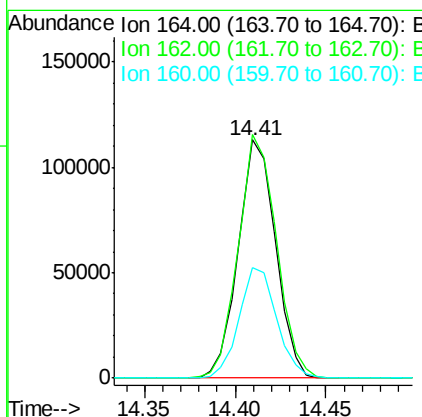
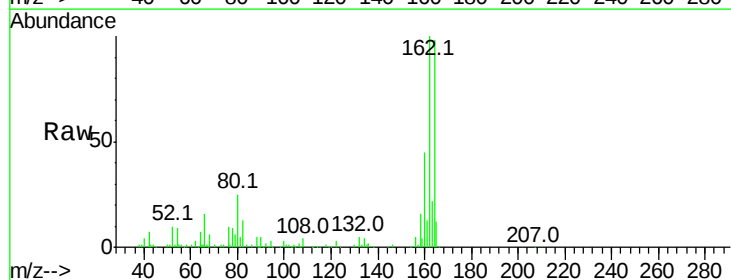
Instrument :
 BNA_M
 ClientSampleId :

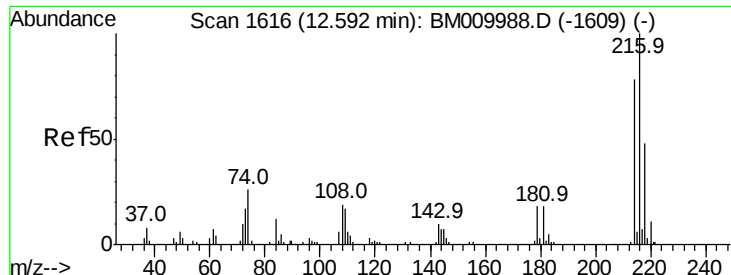
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.9	107.9
115	50.7	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.41 min Scan# 1925
 Delta R.T. -0.03 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.4	123.6
160	46.2	35.8	53.6

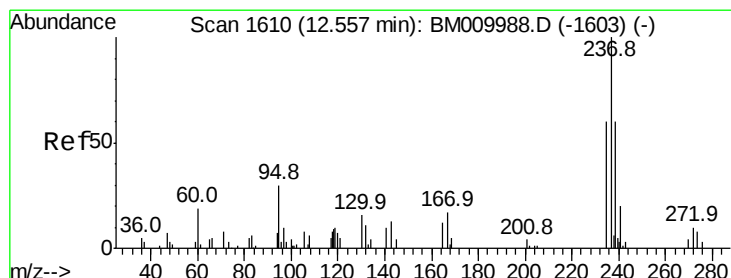
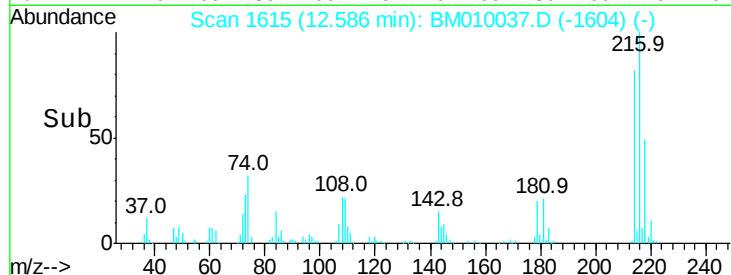
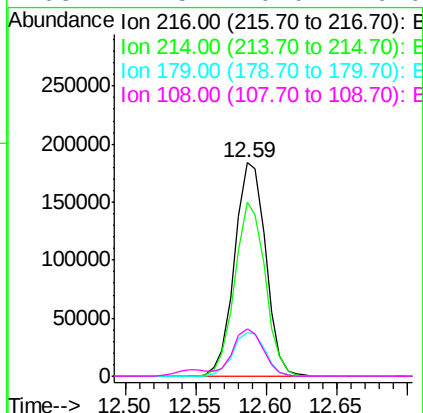
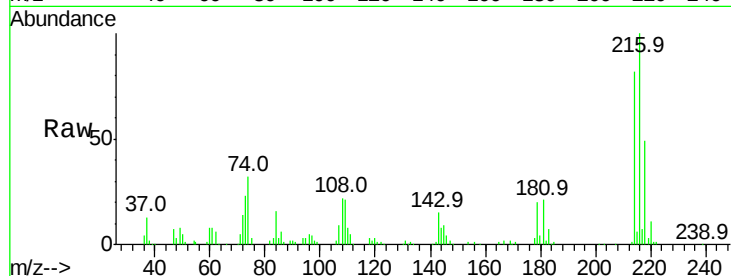




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.17 ng
 RT: 12.59 min Scan# 1615
 Delta R.T. -0.04 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

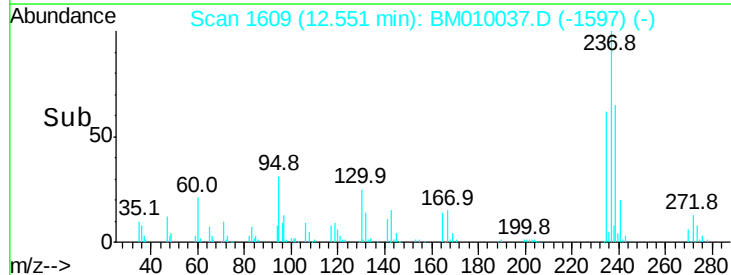
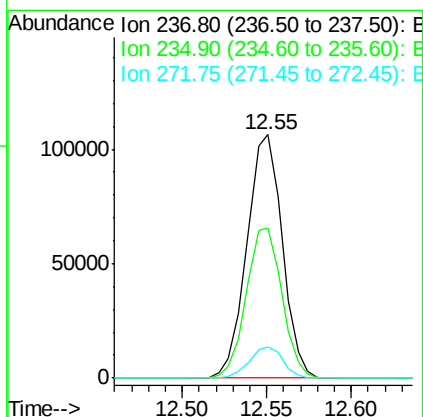
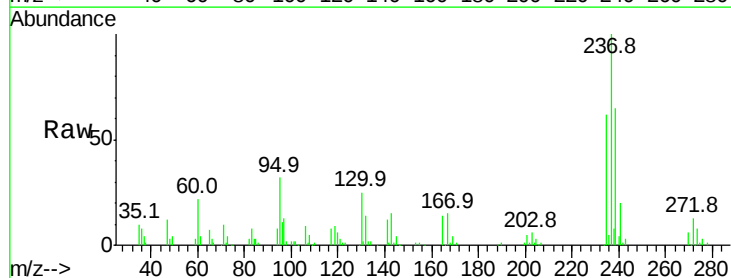
Instrument :
 BNA_M
 ClientSampleId :

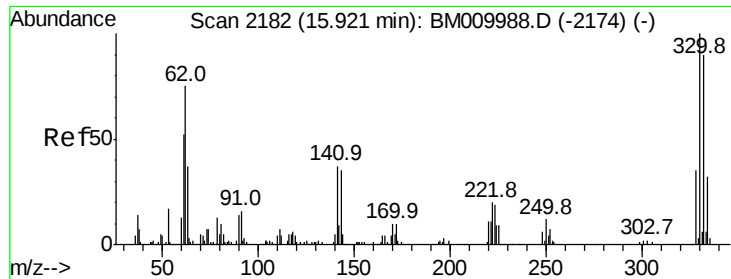
Tot Ion:	216	Resp:	283960
Ion	Ratio	Lower	Upper
216	100		
214	79.5	0.0	0.0#
179	20.9	0.0	0.0#
108	21.5	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 93.20 ng
 RT: 12.55 min Scan# 1609
 Delta R.T. -0.03 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

Tgt Ion:	237	Resp:	155370
Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.0	82.0
272	12.6	0.0	33.4

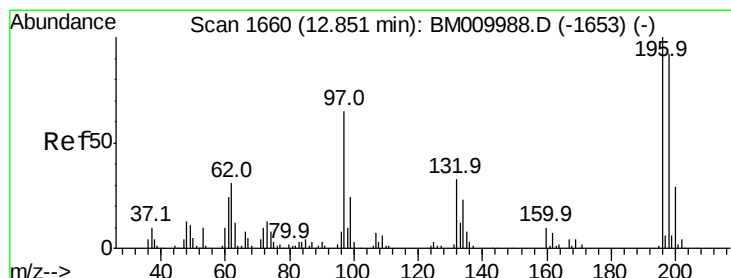
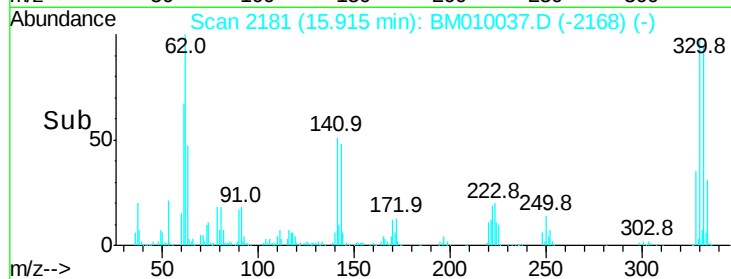
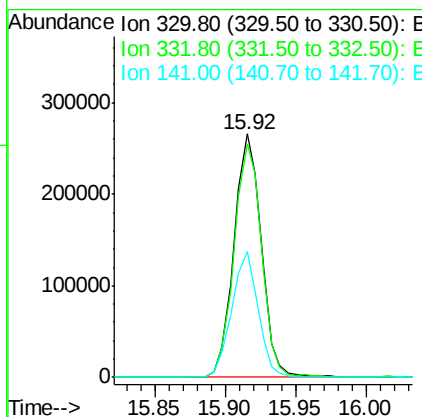
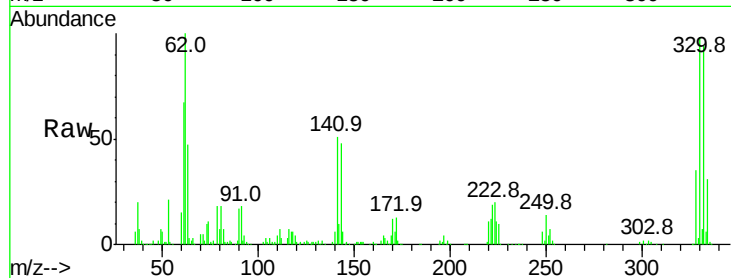




#41
 2,4,6-Tribromophenol
 Concen: 161.76 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

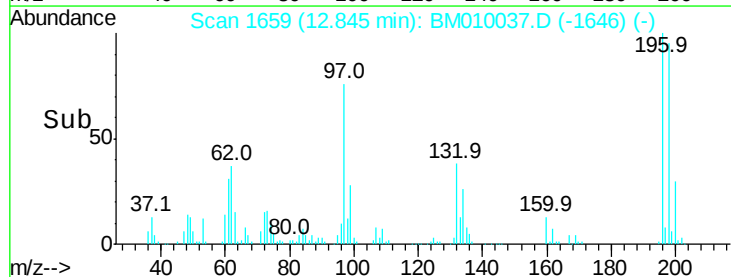
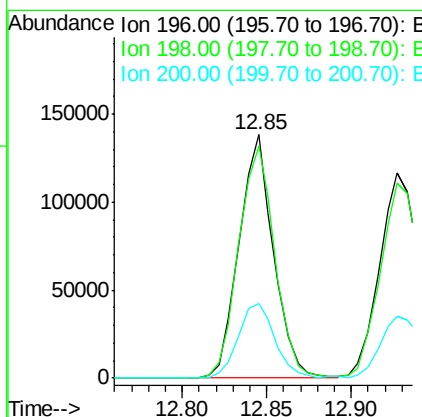
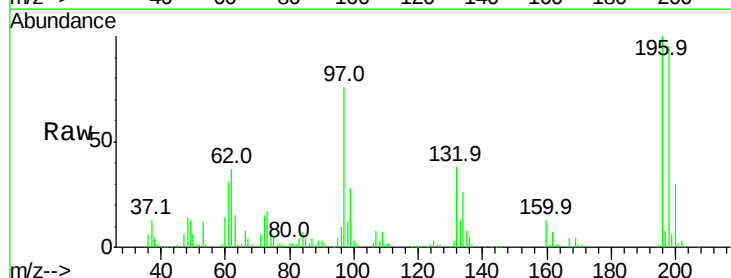
Instrument :
 BNA_M
 ClientSampled :

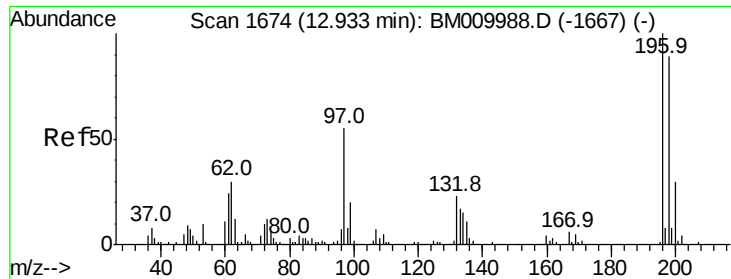
Tot Ion:330 Resp: 358584
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 50.0 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 54.28 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

Tgt Ion:196 Resp: 196999
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.3 114.5
 200 30.5 25.6 38.4

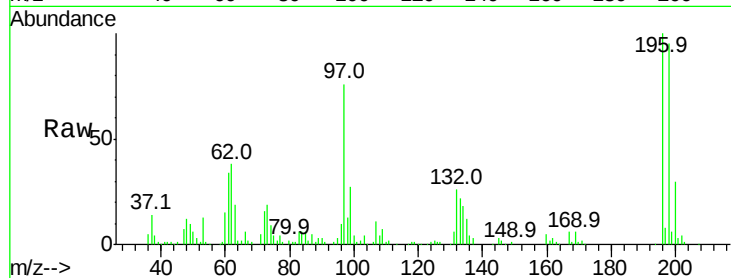




#43
 2,4,5-Trichlorophenol
 Concen: 50.01 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.03 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	79.4	119.0
97	76.2	26.8	40.2
132	25.5	18.6	28.0



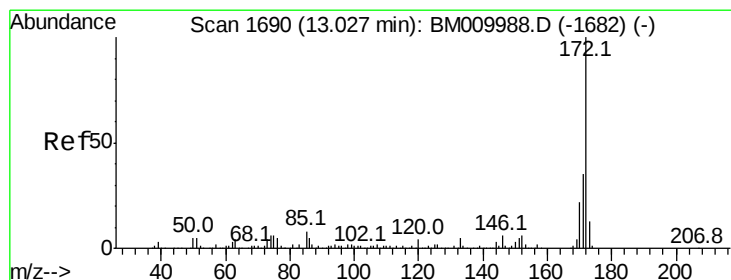
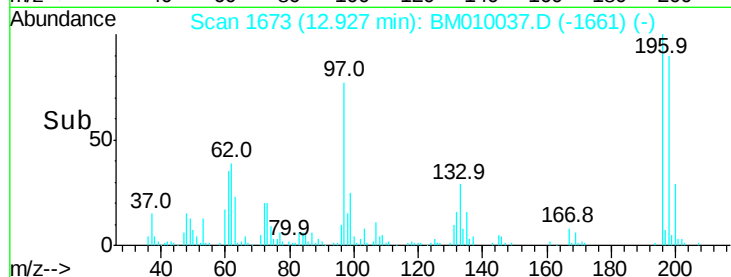
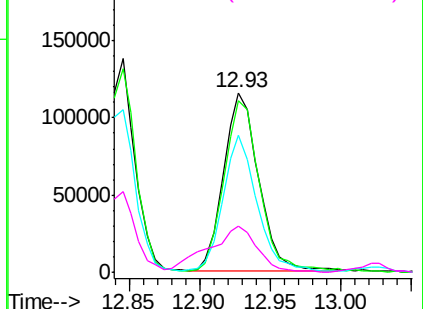
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

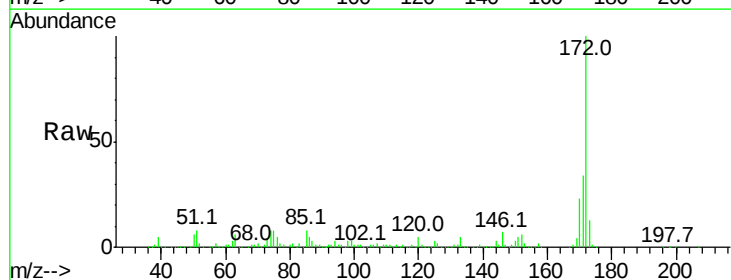
Ion 97.00 (96.70 to 97.70): B

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 109.55 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.03 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.2	18.8	28.2

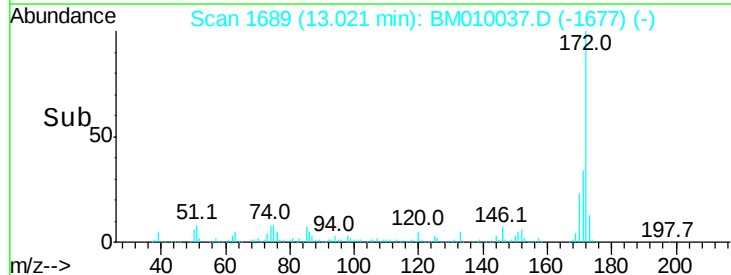
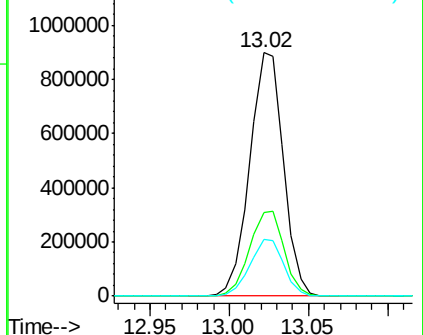


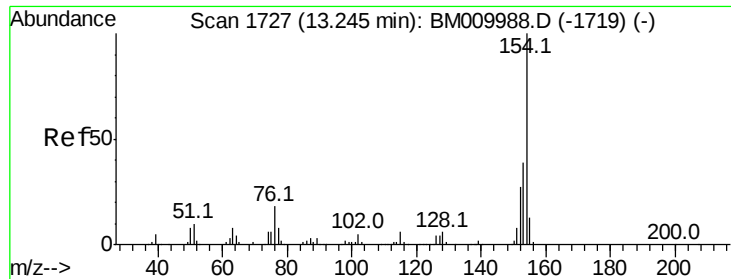
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

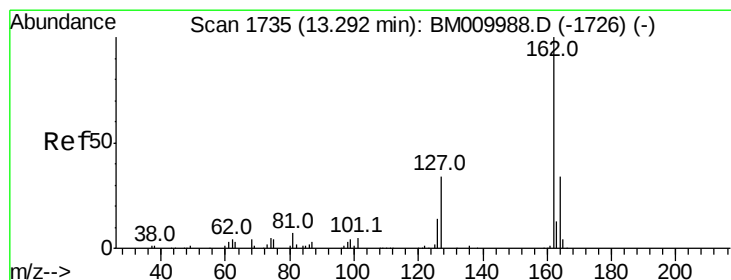
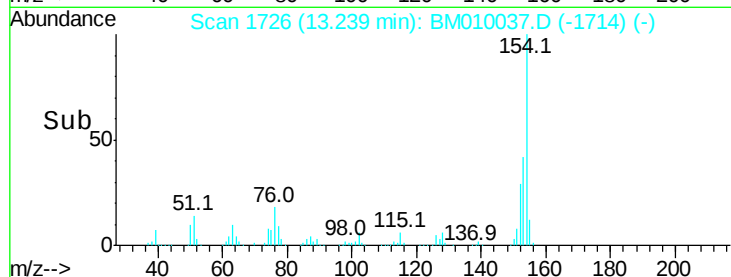
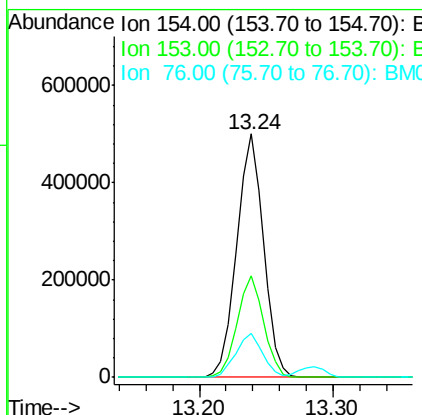
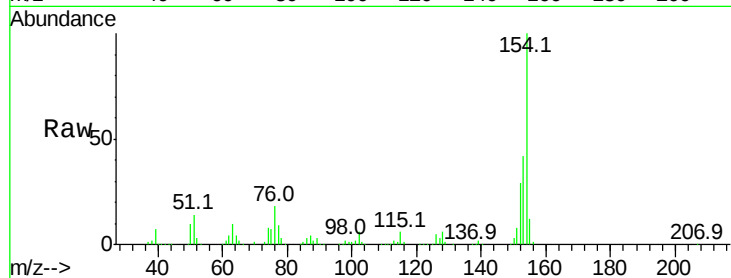




#45
 1,1'-Biphenyl
 Concen: 51.67 ng
 RT: 13.24 min Scan# 1726
 Delta R.T. -0.03 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

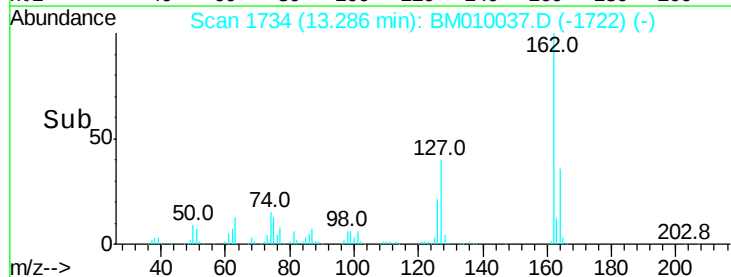
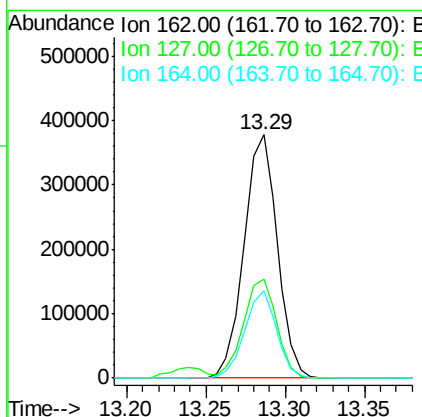
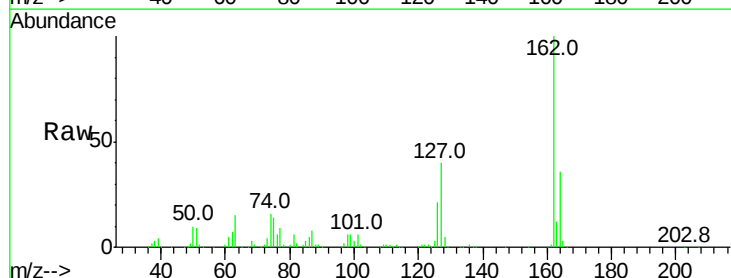
Instrument :
 BNA_M
 ClientSampleId :

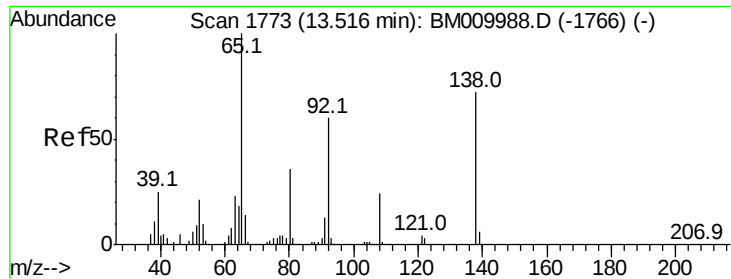
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.7	60.7
76	18.3	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 51.98 ng
 RT: 13.29 min Scan# 1734
 Delta R.T. -0.03 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	26.9	40.3#
164	35.9	26.8	40.2

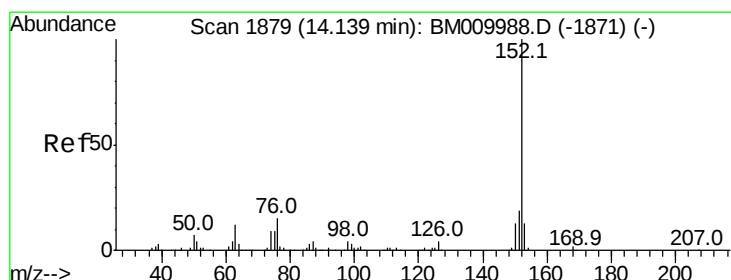
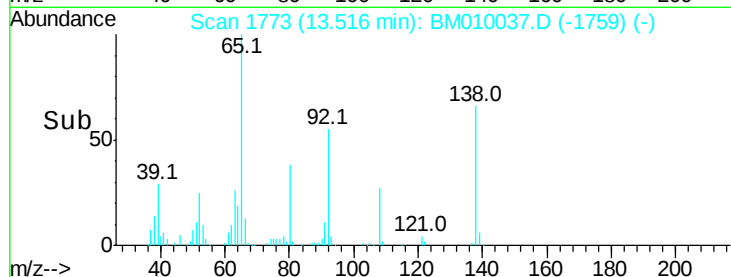
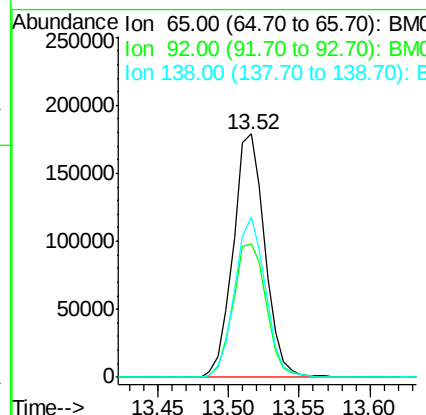
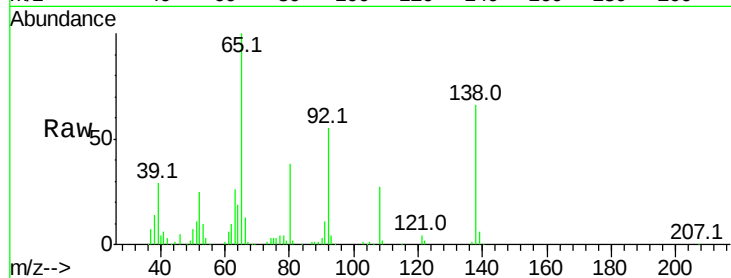




#47
2-Nitroaniline
Concen: 57.94 ng
RT: 13.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

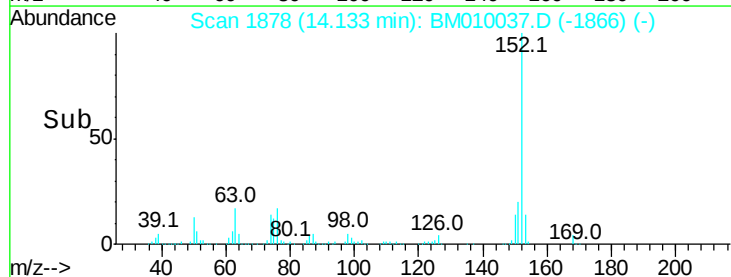
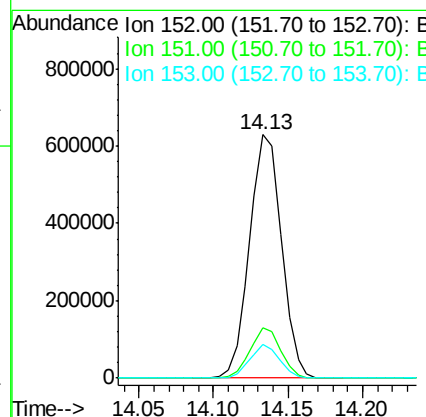
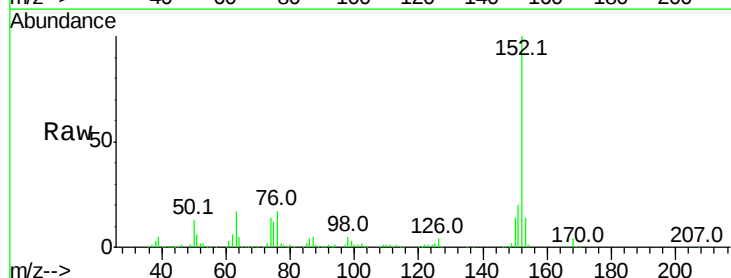
Instrument :
BNA_M
ClientSampled :

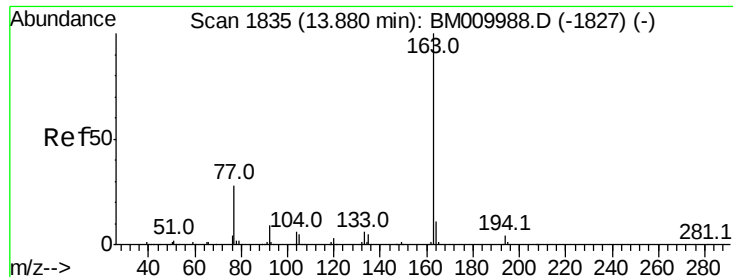
Tot Ion: 65 Resp: 277854
Ion Ratio Lower Upper
65 100
92 54.8 59.1 88.7#
138 66.1 93.9 140.9#



#48
Acenaphthylene
Concen: 55.67 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion: 152 Resp: 928679
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.9 10.6 16.0

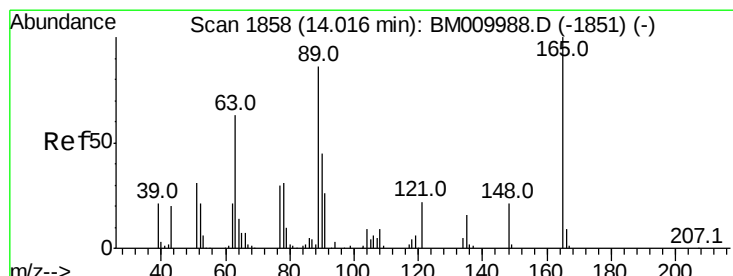
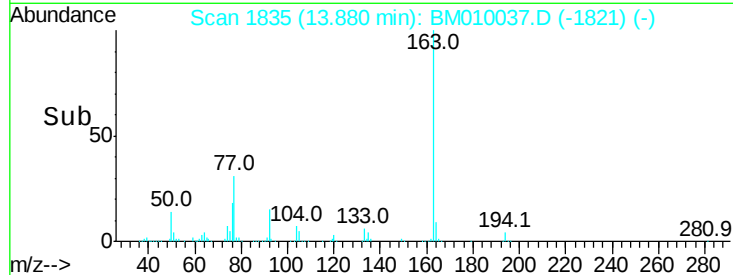
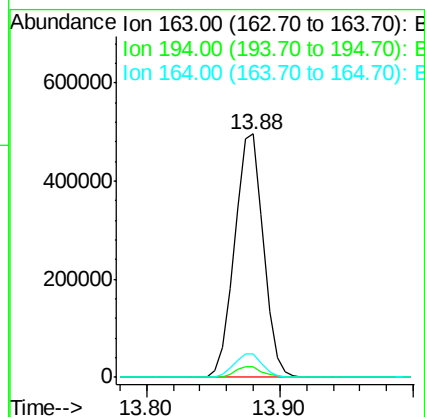
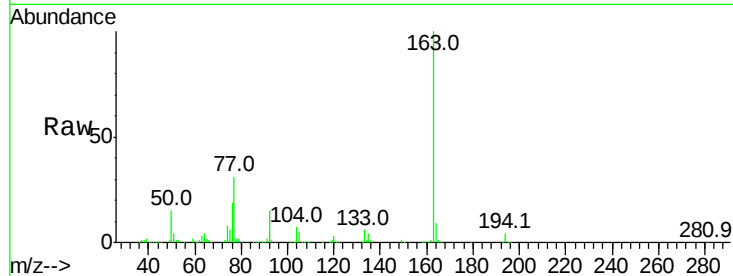




#49
Dimethylphthalate
Concen: 52.01 ng
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

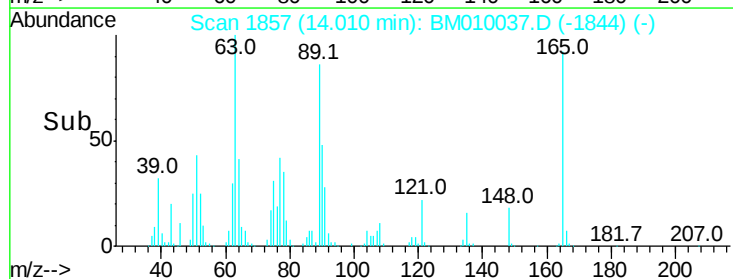
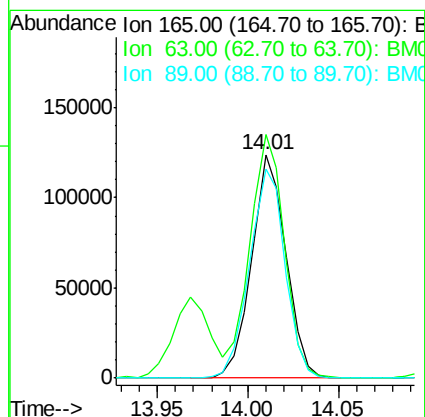
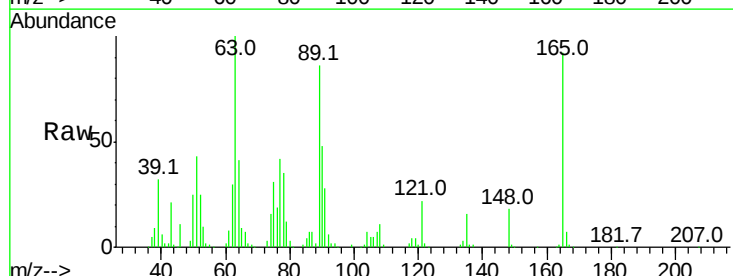
Instrument :
BNA_M
ClientSampleId :

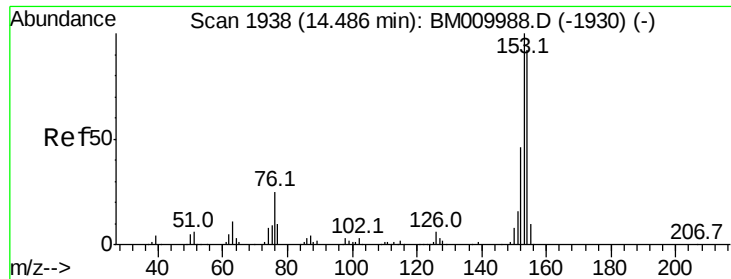
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.5	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 55.98 ng
RT: 14.01 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	109.0	44.1	66.1#
89	93.3	44.3	66.5#





#51

Acenaphthene

Concen: 53.00 ng

RT: 14.48 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampleId :

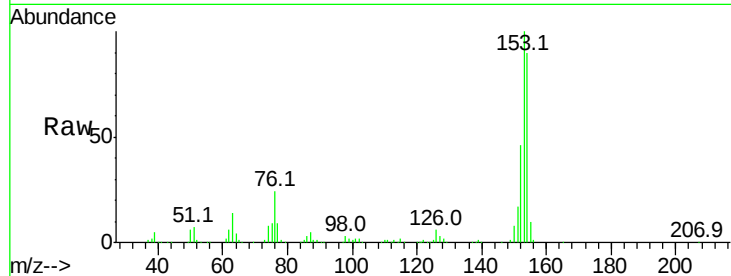
Tot Ion:154 Resp: 557124

Ion Ratio Lower Upper

154 100

153 110.7 90.0 135.0

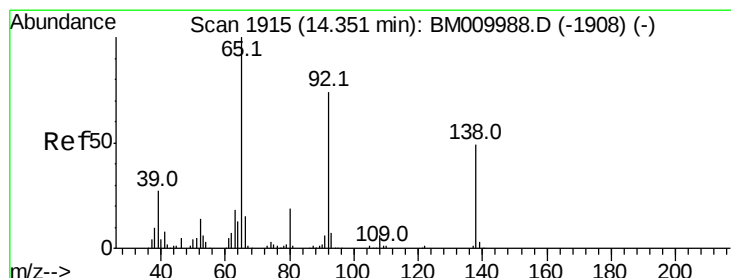
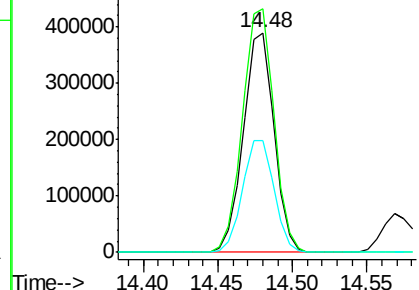
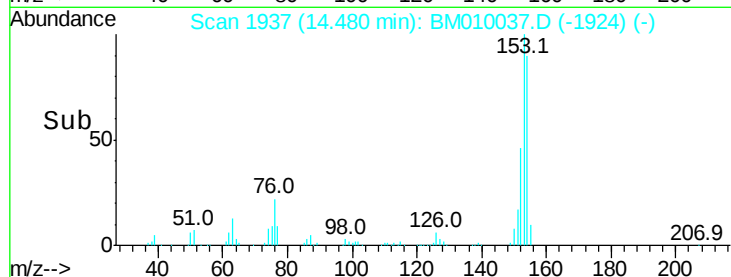
152 51.0 42.6 63.8



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: 9.56 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

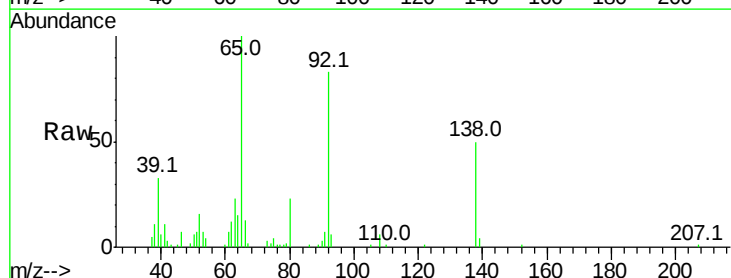
Tgt Ion:138 Resp: 29377

Ion Ratio Lower Upper

138 100

108 11.3 7.3 10.9#

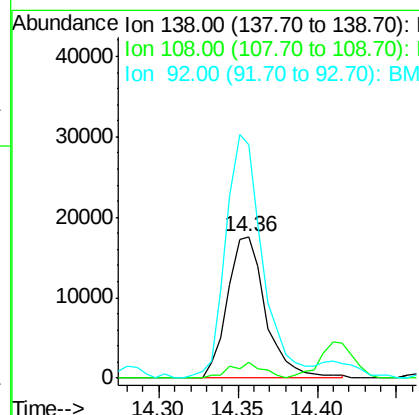
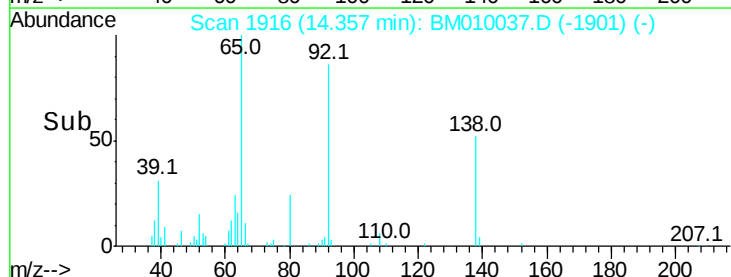
92 165.7 76.6 114.8#

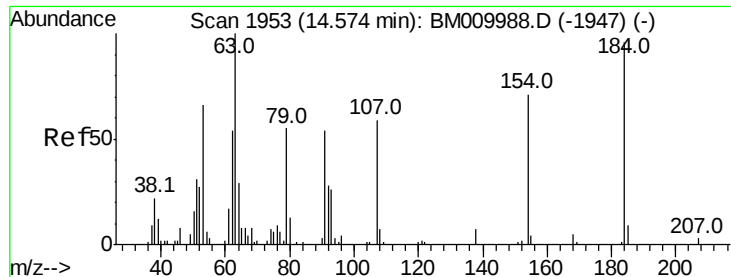


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

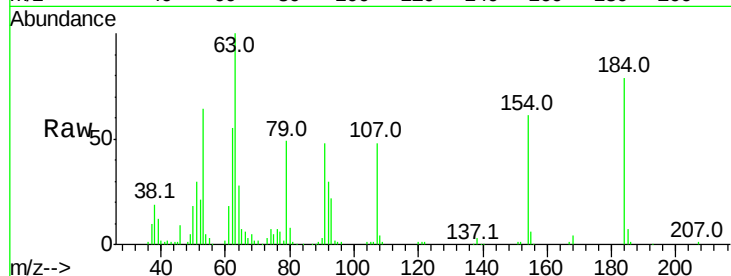




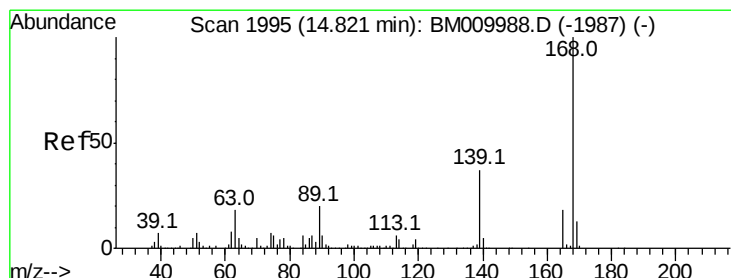
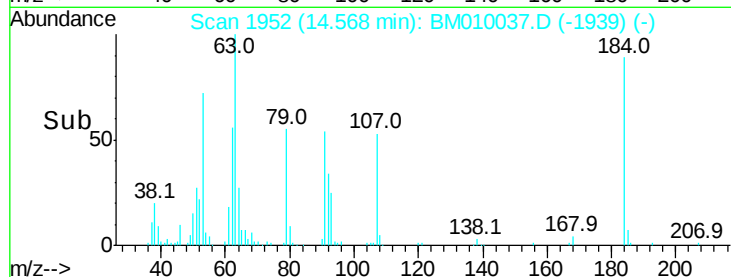
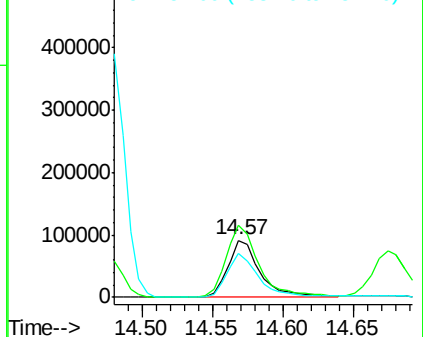
#53
2,4-Dinitrophenol
Concen: 85.02 ng
RT: 14.57 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Instrument :
BNA_M
ClientSampled :

Tot Ion:184 Resp: 147466
Ion Ratio Lower Upper
184 100
63 125.9 69.2 103.8#
154 76.2 53.3 79.9

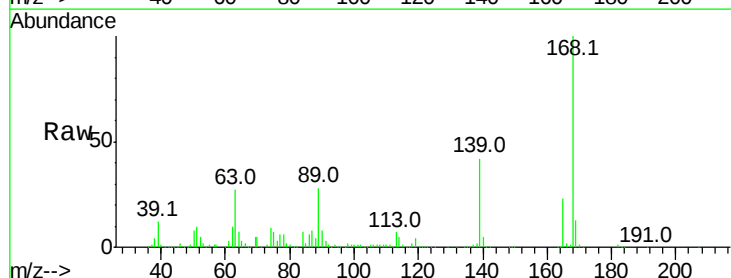


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

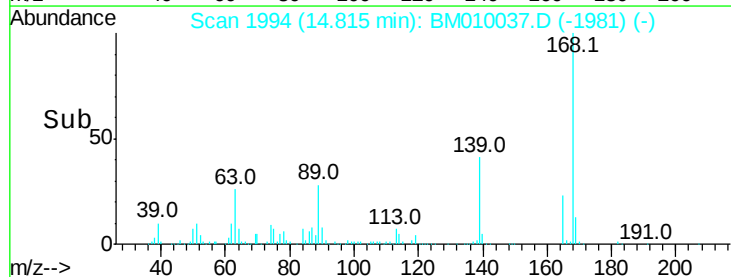
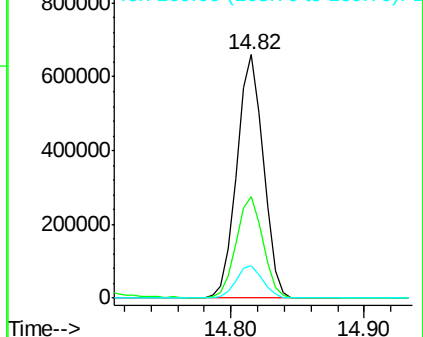


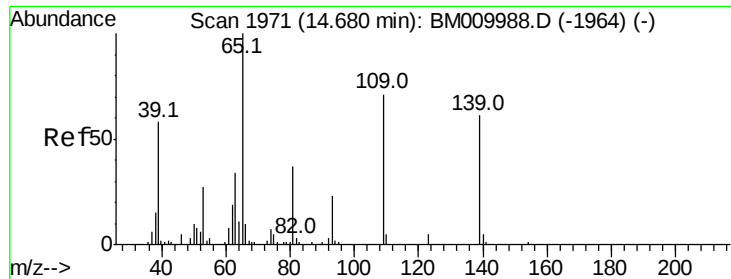
#54
Dibenzofuran
Concen: 56.41 ng
RT: 14.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion:168 Resp: 908469
Ion Ratio Lower Upper
168 100
139 41.6 27.3 40.9#
169 13.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

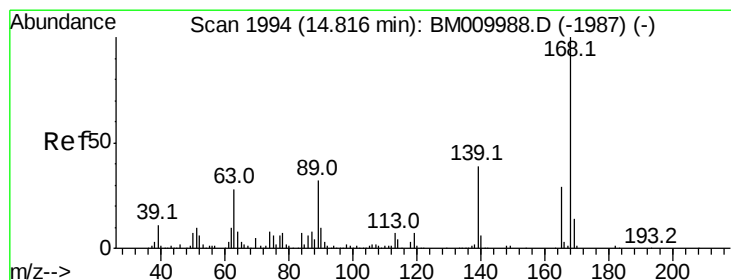
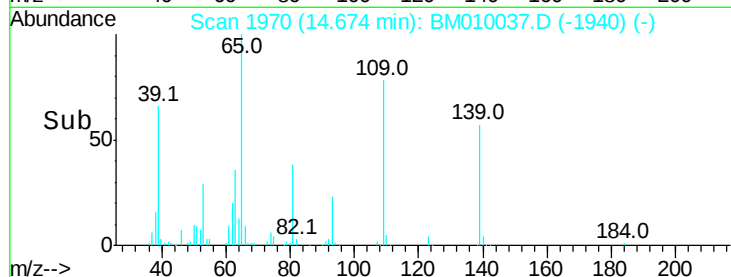
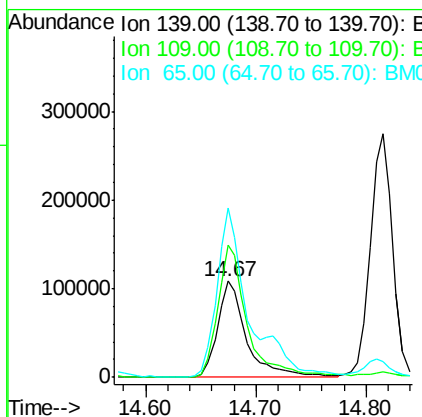
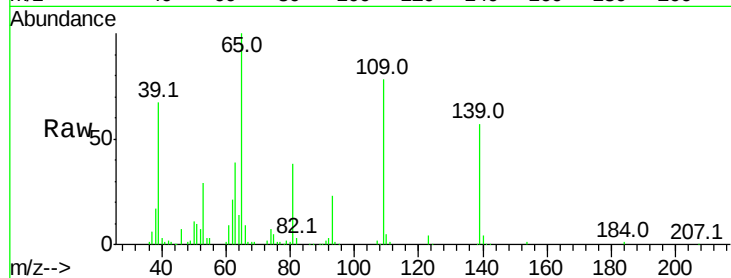




#55
4-Nitrophenol
Concen: 96.72 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

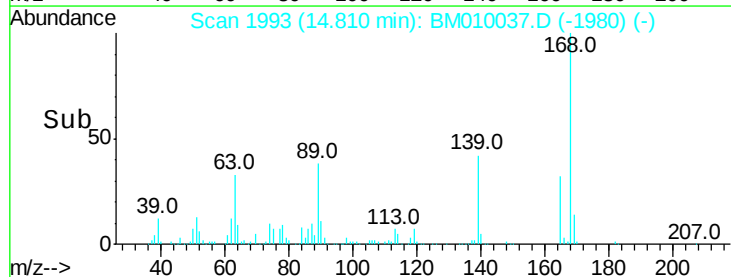
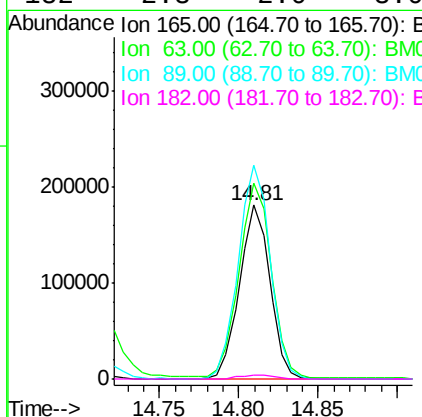
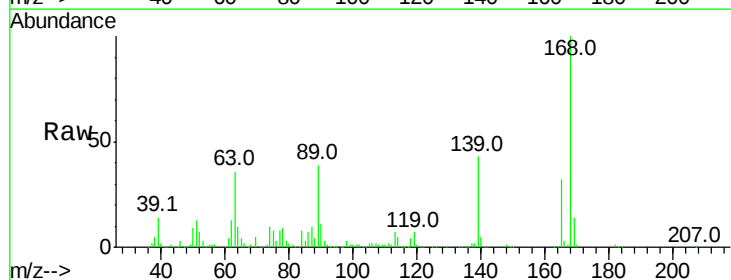
Instrument :
BNA_M
ClientSampleId :

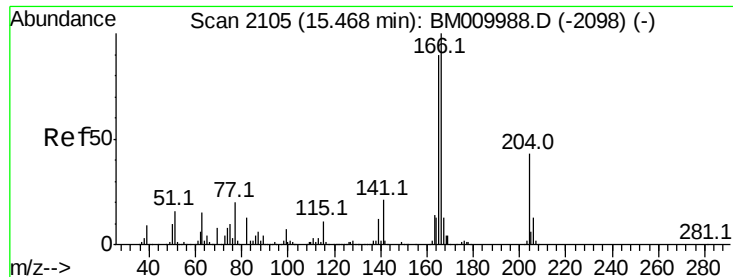
Tot Ion:139 Resp: 198995
Ion Ratio Lower Upper
139 100
109 137.4 37.7 77.7#
65 175.5 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 56.40 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion:165 Resp: 241402
Ion Ratio Lower Upper
165 100
63 112.6 52.4 78.6#
89 122.8 72.4 108.6#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 53.79 ng

RT: 15.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampleId :

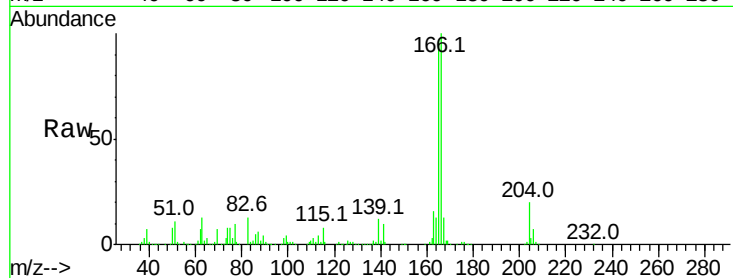
Tot Ion:166 Resp: 763744

Ion Ratio Lower Upper

166 100

165 97.0 79.0 118.4

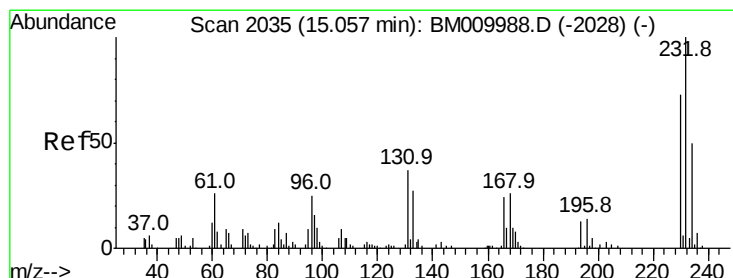
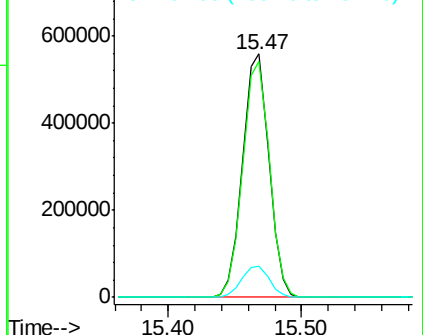
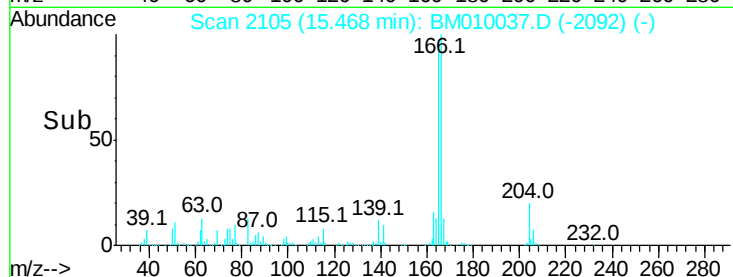
167 12.9 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.38 ng

RT: 15.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Tgt Ion:232 Resp: 178421

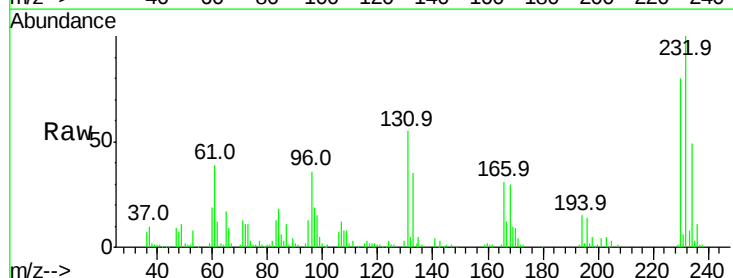
Ion Ratio Lower Upper

232 100

131 52.3 0.0 0.0#

130 3.4 0.0 0.0#

166 31.7 0.0 0.0#

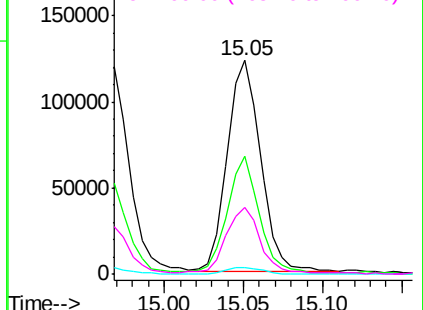
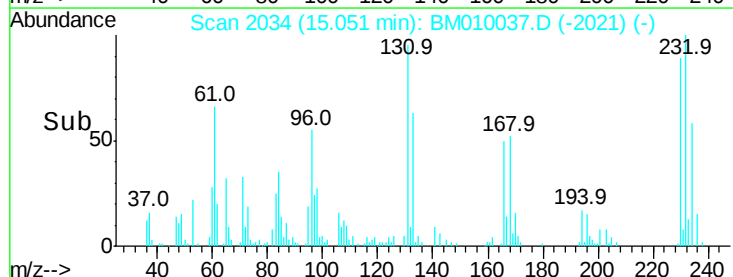


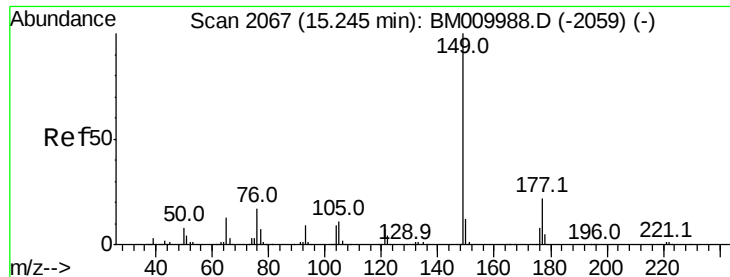
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

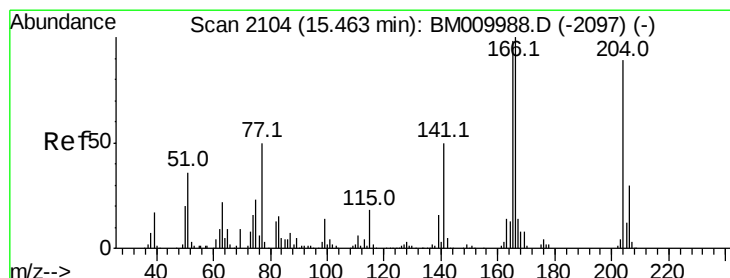
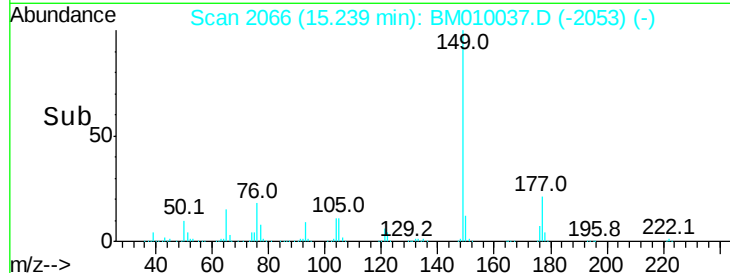
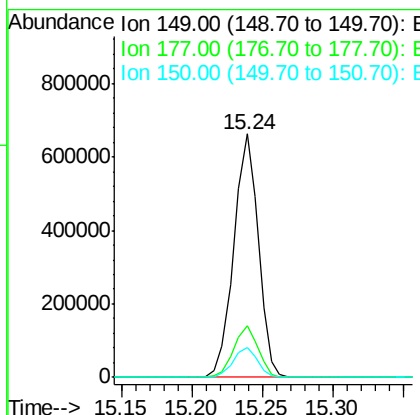
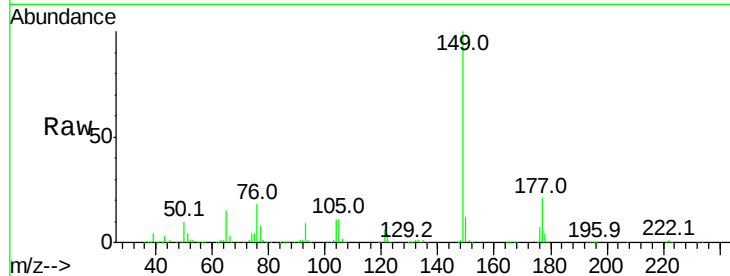




#59
Diethylphthalate
Concen: 53.51 ng
RT: 15.24 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

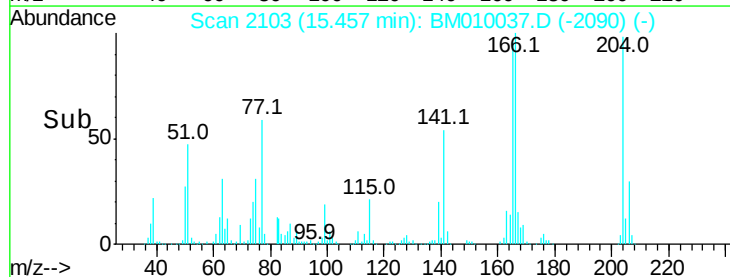
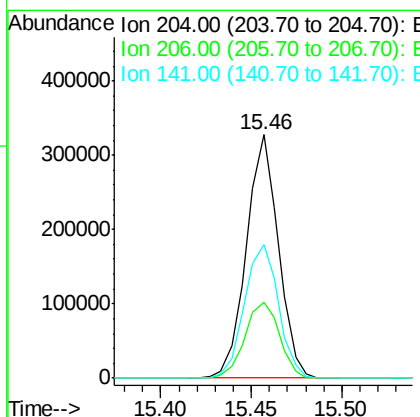
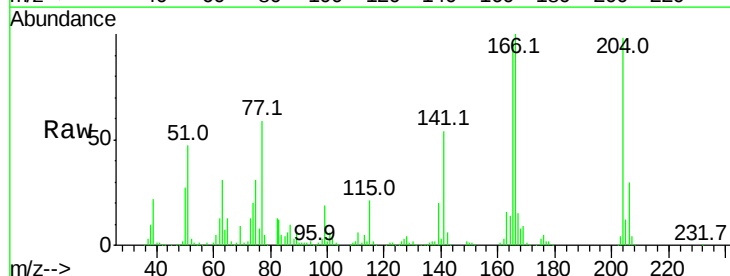
Instrument :
BNA_M
ClientSampleId :

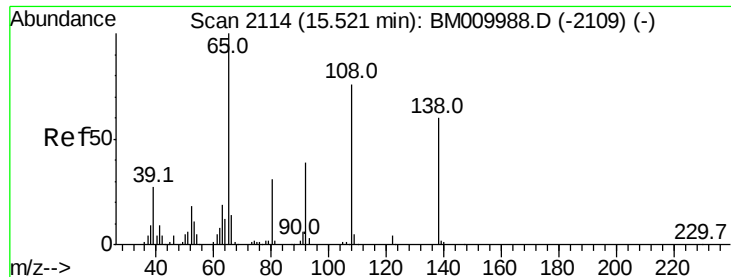
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	18.3	27.5
150	12.4	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 51.64 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.6	39.8
141	54.9	45.2	67.8





#61

4-Nitroaniline

Concen: 44.14 ng

RT: 15.52 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampleId :

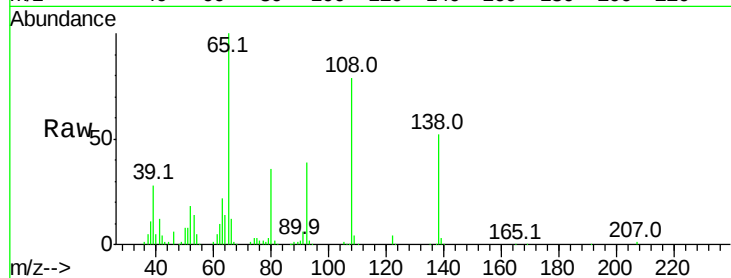
Tot Ion:138 Resp: 138175

Ion Ratio Lower Upper

138 100

92 73.6 16.7 56.7#

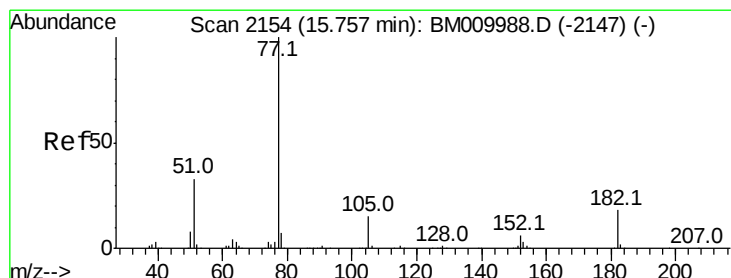
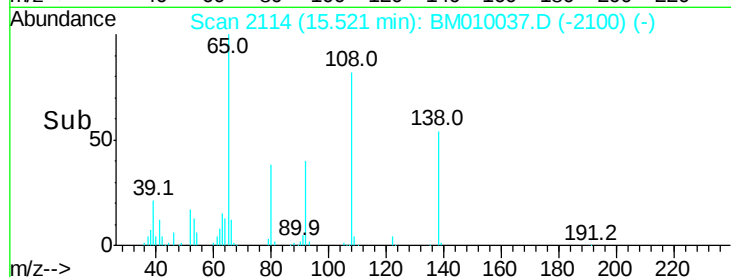
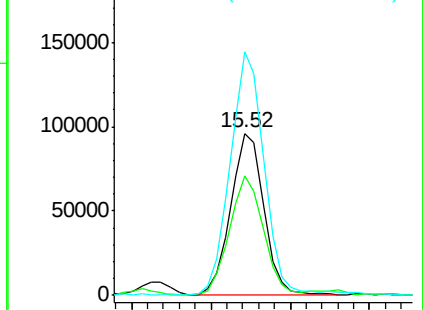
108 150.3 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 66.38 ng

RT: 15.75 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Tgt Ion: 77 Resp: 1207393

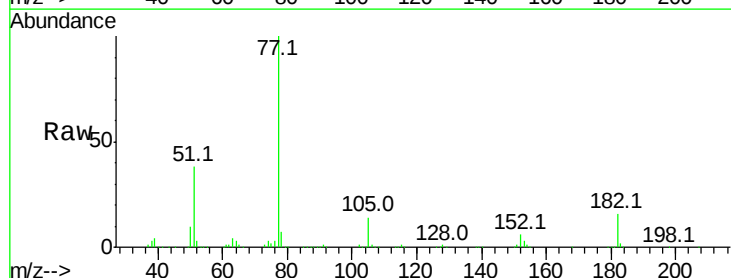
Ion Ratio Lower Upper

77 100

182 16.1 6.5 46.5

105 13.6 3.8 43.8

51 38.0 5.5 45.5

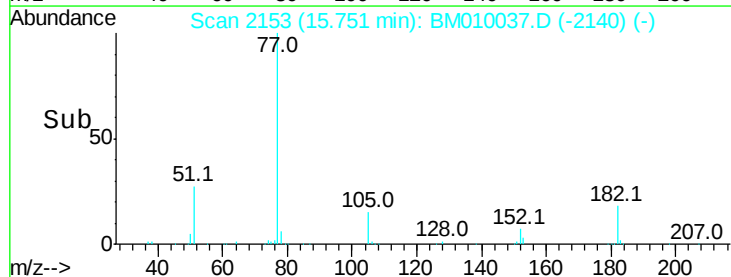
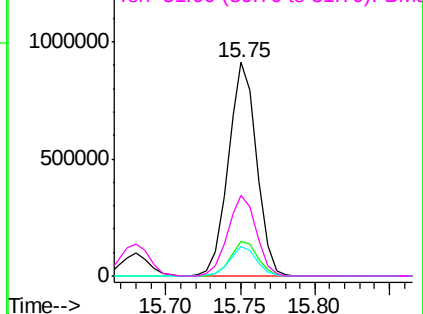


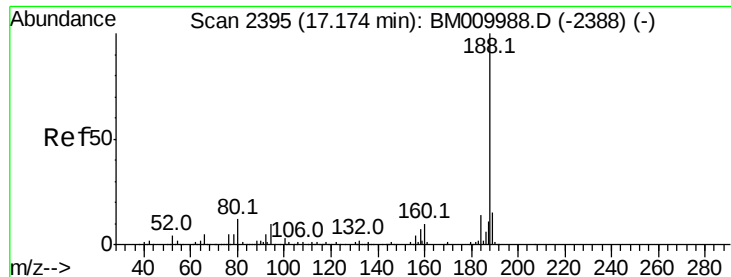
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.03 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampleId :

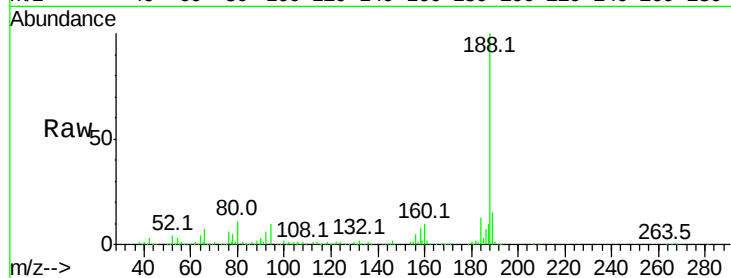
Tot Ion:188 Resp: 386168

Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

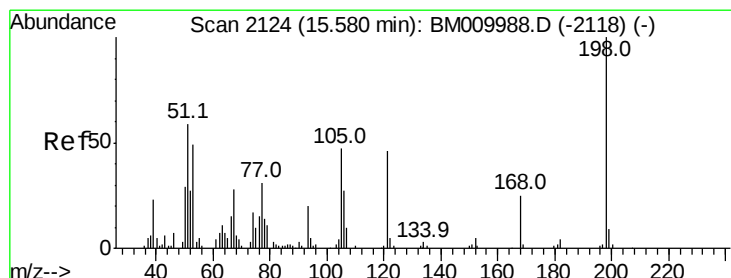
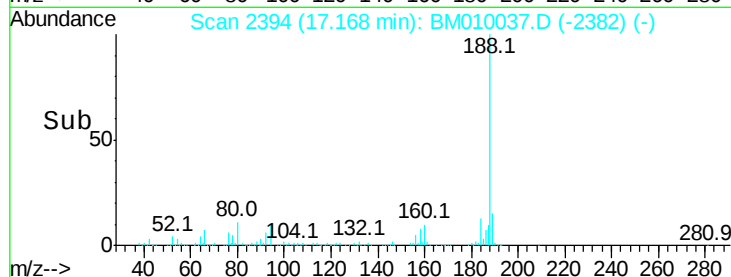
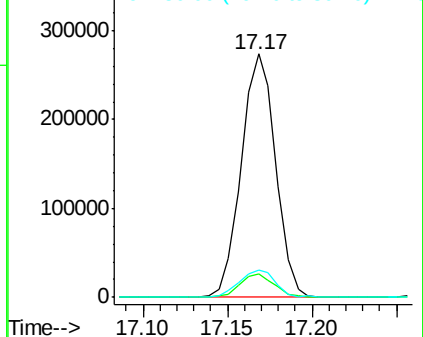
80 11.5 9.3 13.9



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: 45.06 ng

RT: 15.57 min Scan# 2123

Delta R.T. -0.03 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

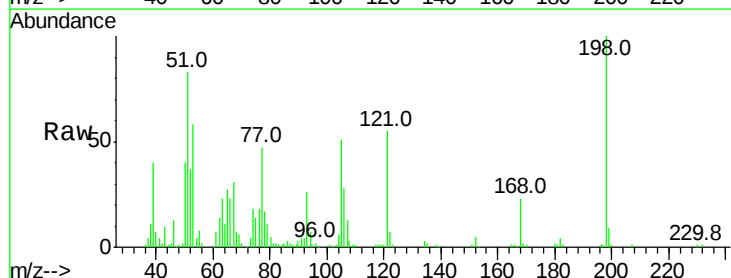
Tgt Ion:198 Resp: 113053

Ion Ratio Lower Upper

198 100

51 83.2 28.8 68.8#

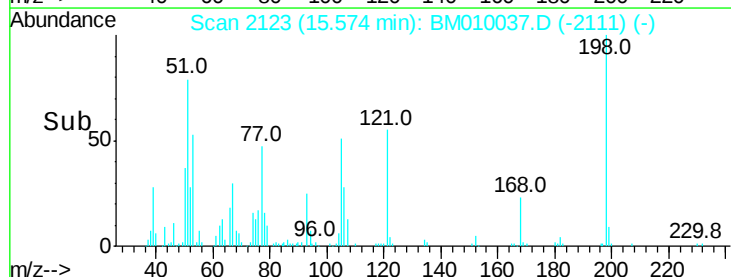
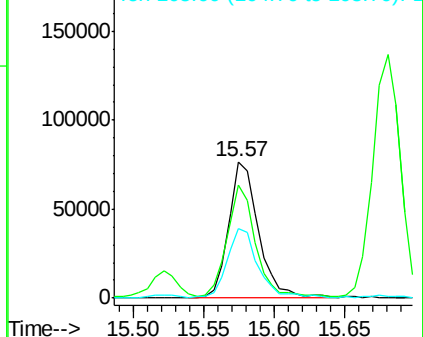
105 51.1 30.5 70.5

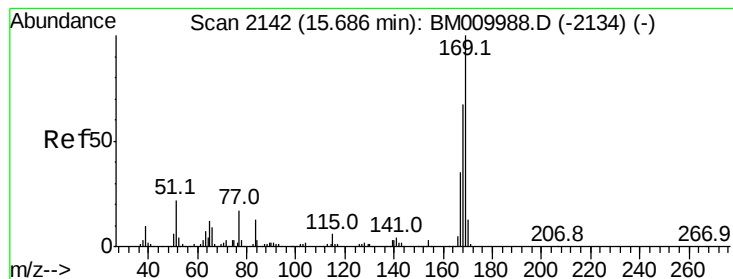


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 53.65 ng

RT: 15.68 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampleId :

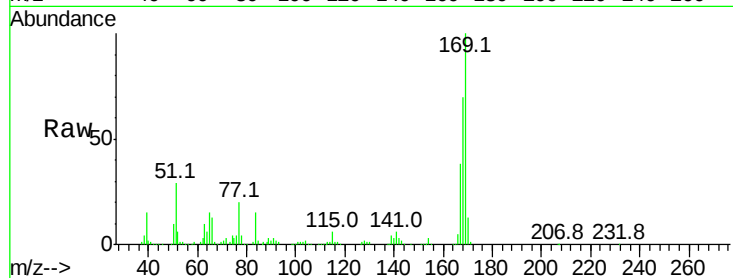
Tot Ion:169 Resp: 642928

Ion Ratio Lower Upper

169 100

168 70.3 53.9 80.9

167 38.1 28.9 43.3



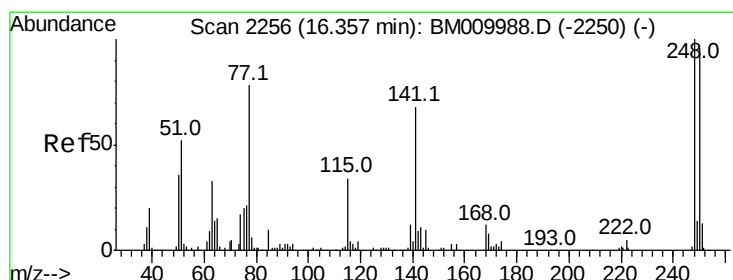
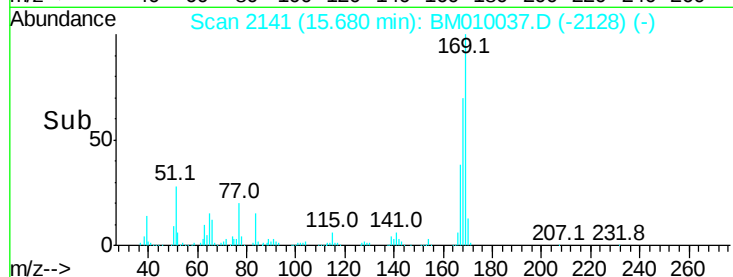
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.68

Time--> 15.60 15.65 15.70 15.75



#66

4-Bromophenyl-phenylether

Concen: 51.87 ng

RT: 16.35 min Scan# 2255

Delta R.T. -0.03 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

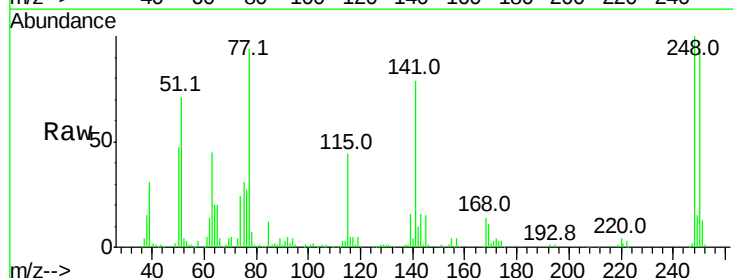
Tgt Ion:248 Resp: 237898

Ion Ratio Lower Upper

248 100

250 94.3 77.4 116.0

141 78.6 45.2 67.8#



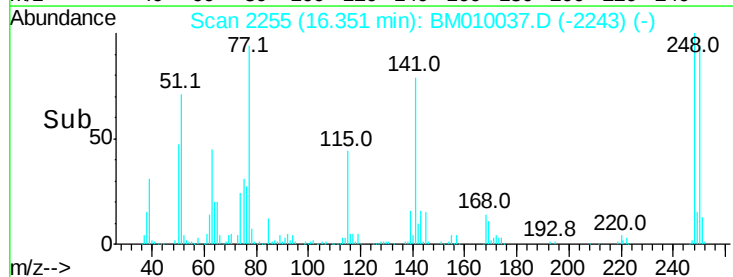
Abundance Ion 248.00 (247.70 to 248.70): E

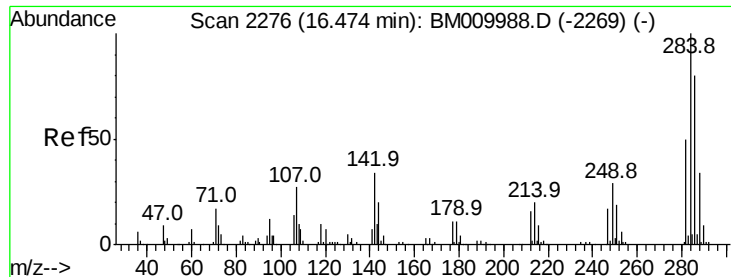
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.35

Time--> 16.30 16.35 16.40

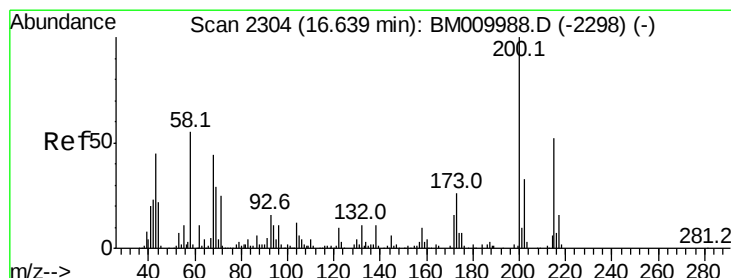
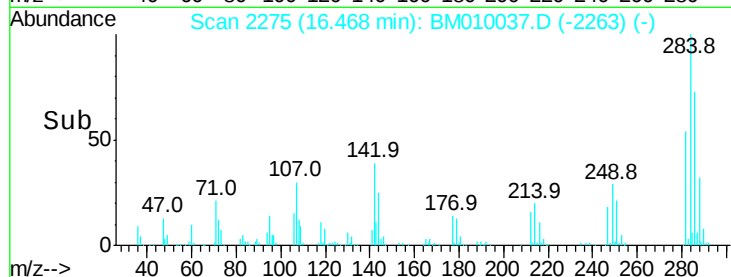
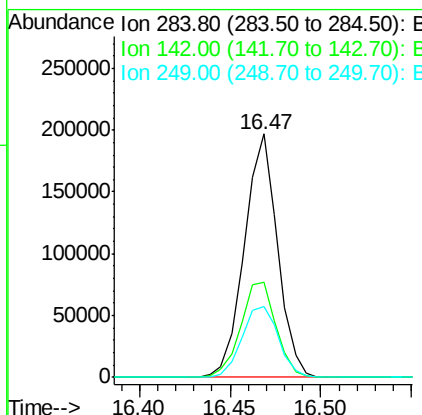
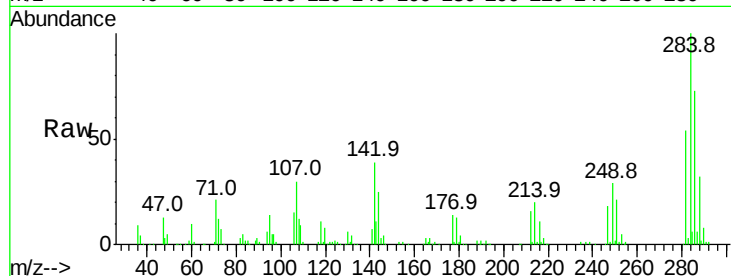




#67
Hexachlorobenzene
Concen: 49.11 ng
RT: 16.47 min Scan# 2275
Delta R.T. -0.03 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

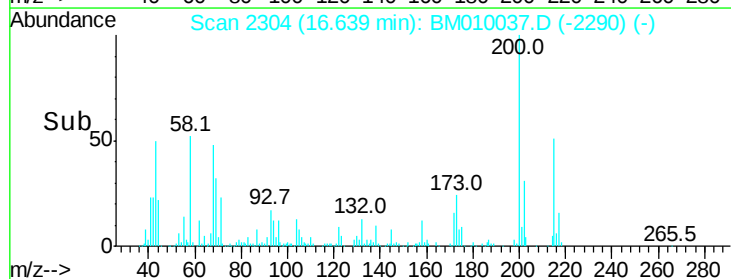
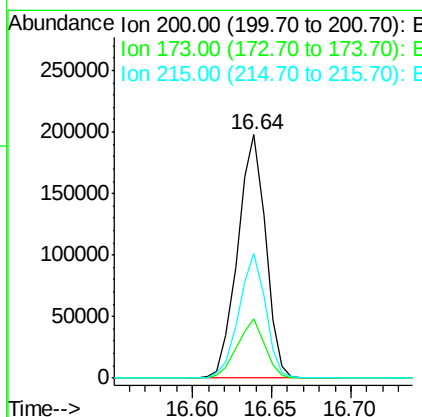
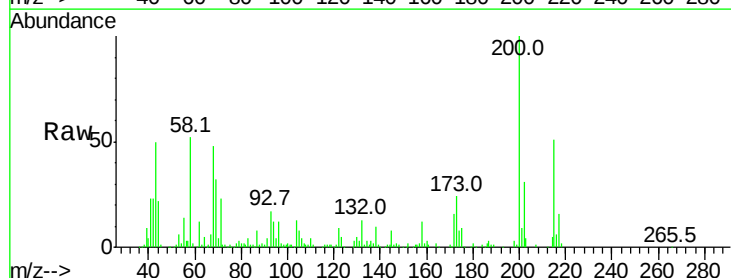
Instrument :
BNA_M
ClientSampleId :

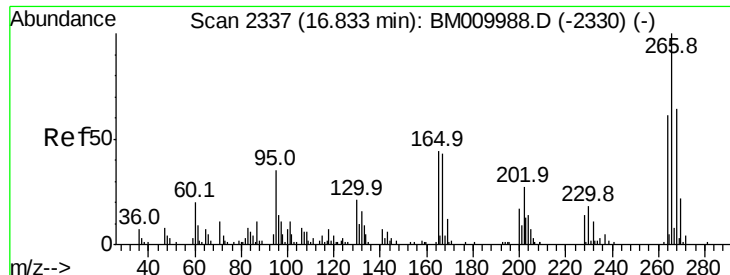
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.0	20.4	30.6
249	29.0	23.8	35.6



#68
Atrazine
Concen: 55.20 ng
RT: 16.64 min Scan# 2304
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.1	4.8	44.8
215	51.3	26.9	66.9





#69

Pentachlorophenol

Concen: 95.22 ng

RT: 16.82 min Scan# 2335

Delta R.T. -0.03 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampleId :

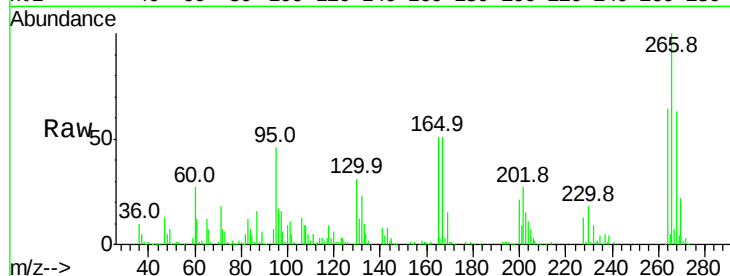
Tot Ion:266 Resp: 240144

Ion Ratio Lower Upper

266 100

268 63.4 52.0 78.0

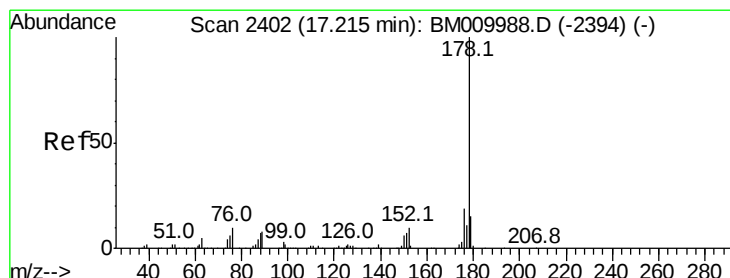
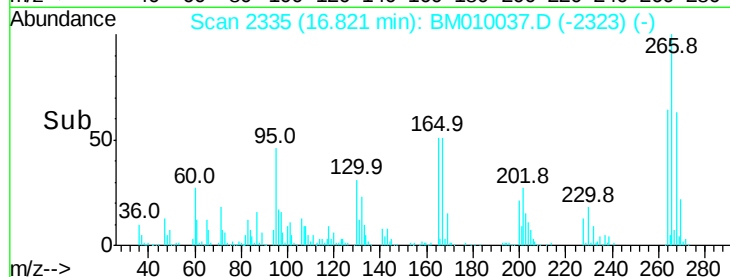
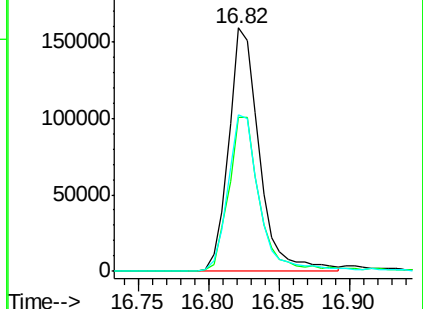
264 64.4 49.0 73.4



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: 53.60 ng

RT: 17.21 min Scan# 2401

Delta R.T. -0.03 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

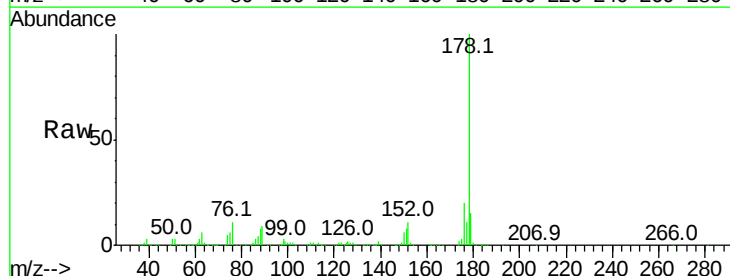
Tgt Ion:178 Resp: 1188175

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

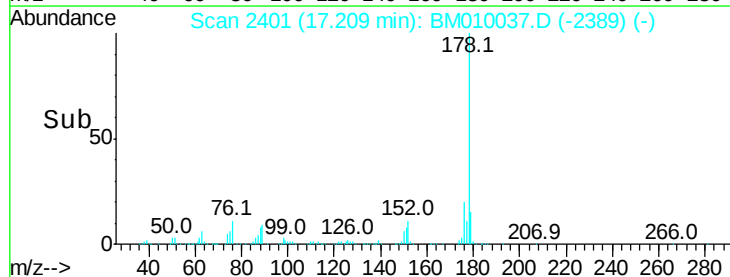
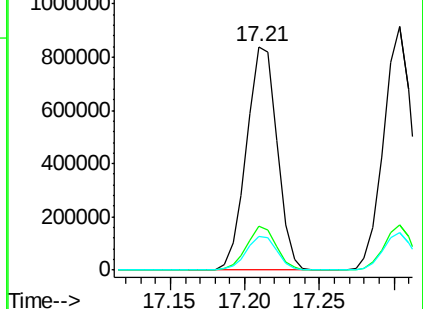
179 15.0 12.1 18.1

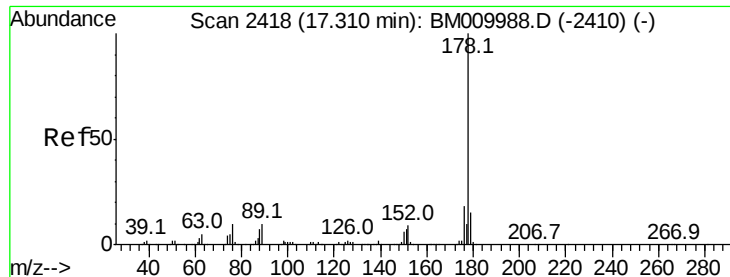


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



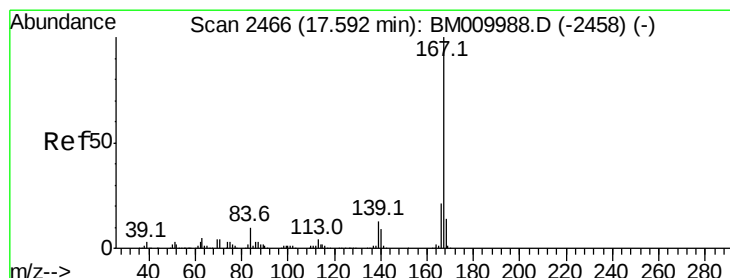
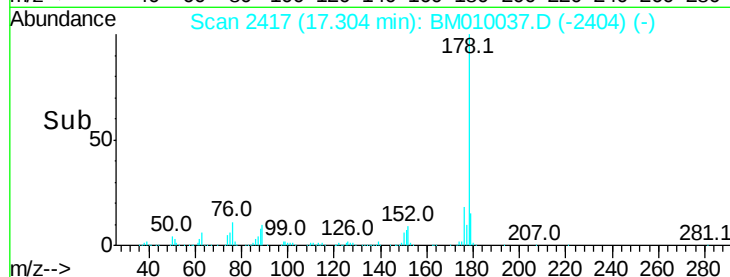
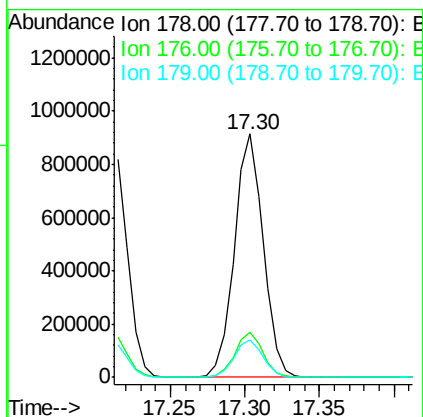
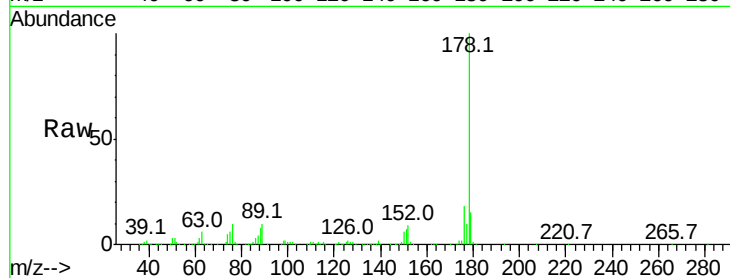


#71
 Anthracene
 Concen: 54.34 ng
 RT: 17.30 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 1228700

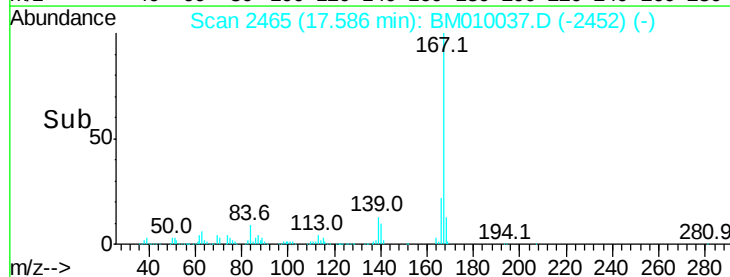
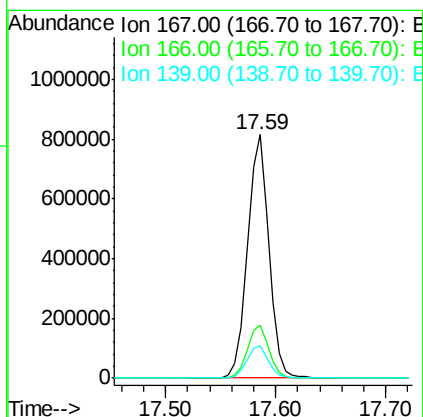
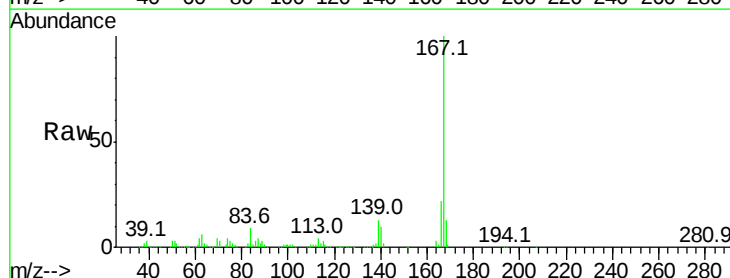
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.2	12.6	19.0

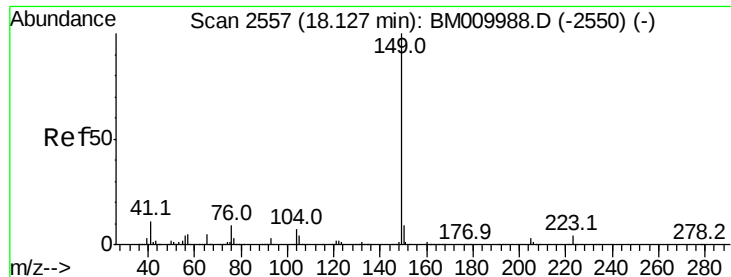


#72
 Carbazole
 Concen: 54.79 ng
 RT: 17.59 min Scan# 2465
 Delta R.T. -0.02 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

Tgt Ion:167 Resp: 1105857

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.3	10.8	16.2





#73

Di-n-butylphthalate

Concen: 55.36 ng

RT: 18.12 min Scan# 2556

Delta R.T. -0.03 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampleId :

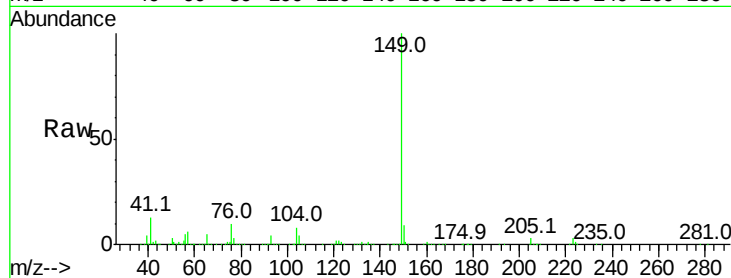
Tot Ion:149 Resp: 1420539

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

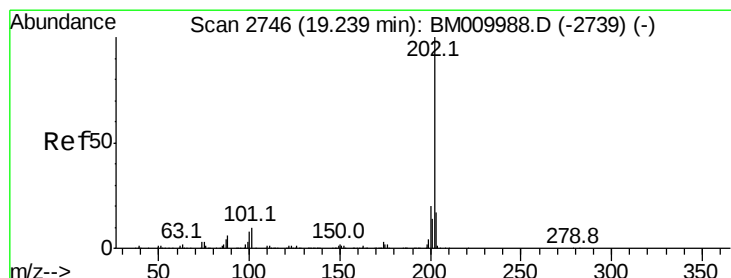
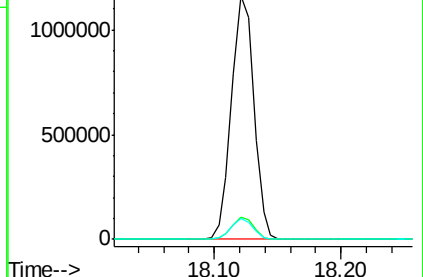
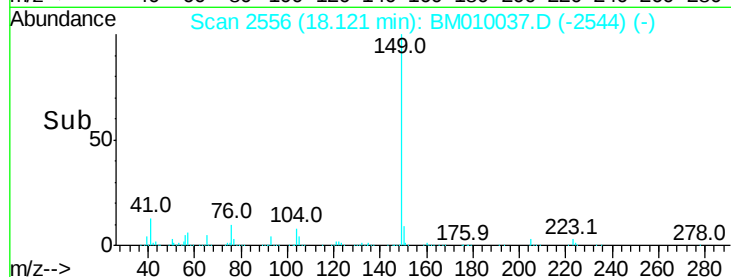
104 8.4 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.08 ng

RT: 19.23 min Scan# 2745

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

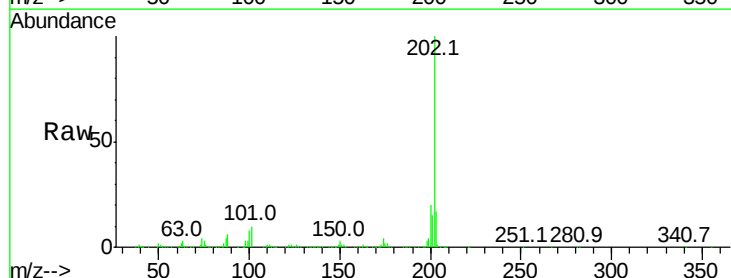
Tgt Ion:202 Resp: 1452728

Ion Ratio Lower Upper

202 100

101 10.2 0.0 28.7

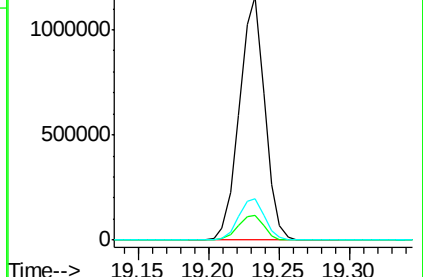
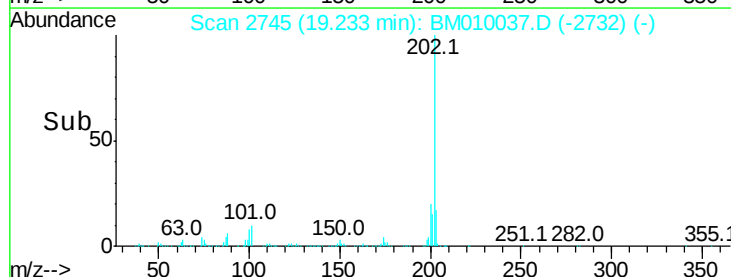
203 17.1 0.0 37.2

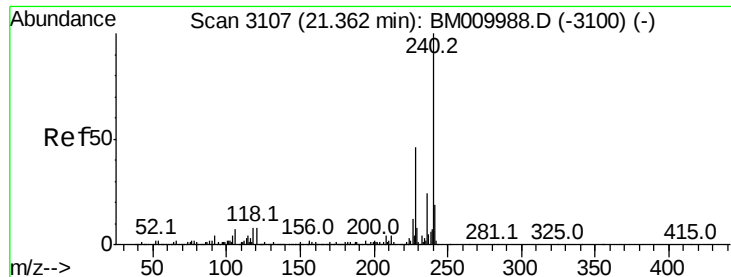


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3106

Delta R.T. -0.03 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampled :

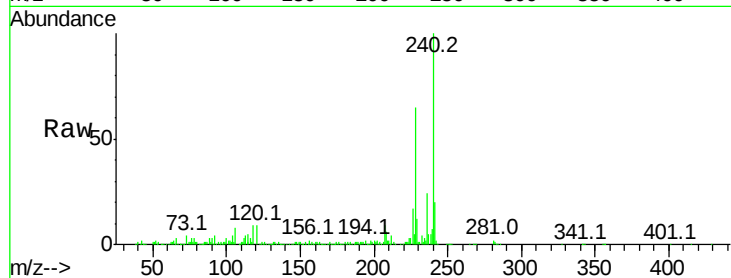
Tot Ion:240 Resp: 476924

Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

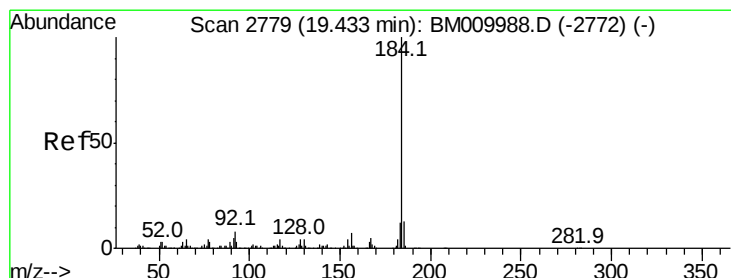
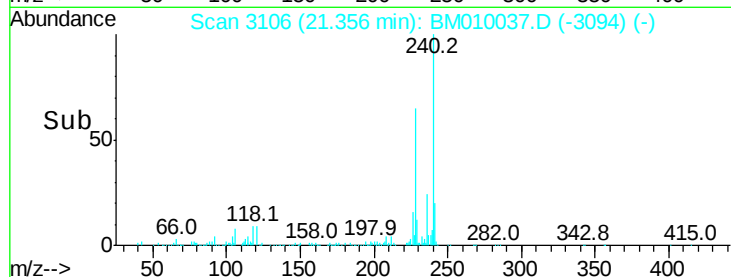
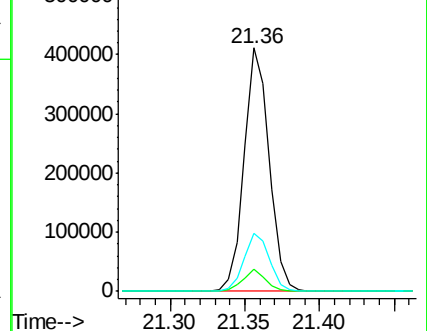
236 23.6 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.54 ng

RT: 19.43 min Scan# 2778

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

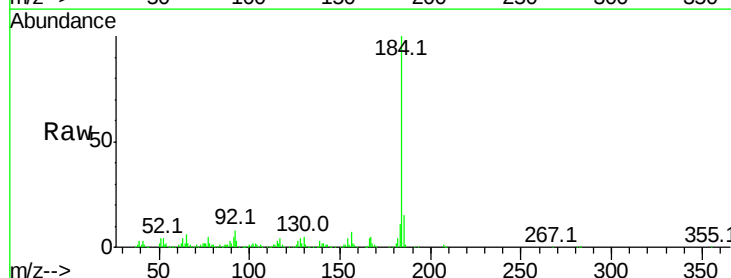
Tgt Ion:184 Resp: 519195

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

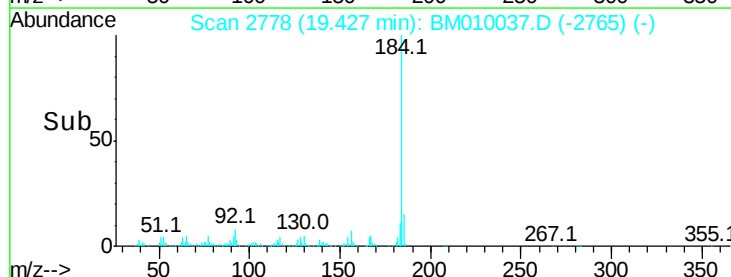
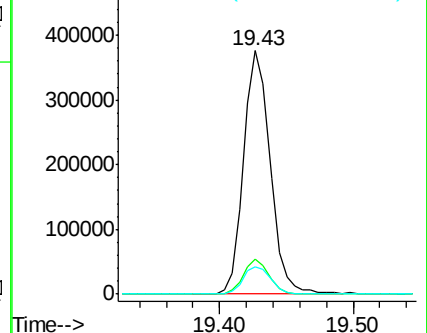
183 11.3 8.9 13.3

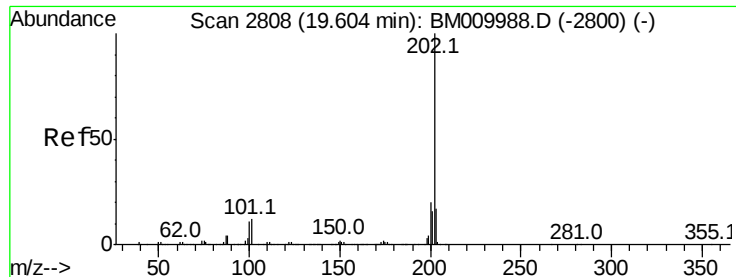


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 52.74 ng

RT: 19.60 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

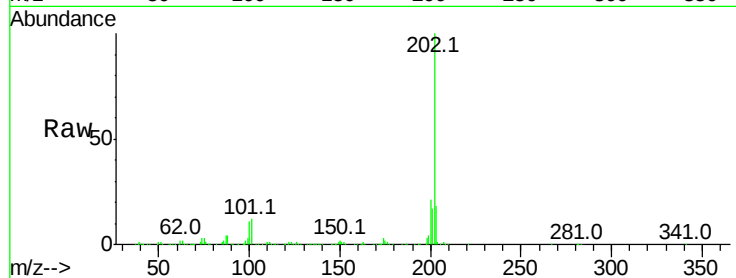
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 1496986

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.8	14.1	21.1

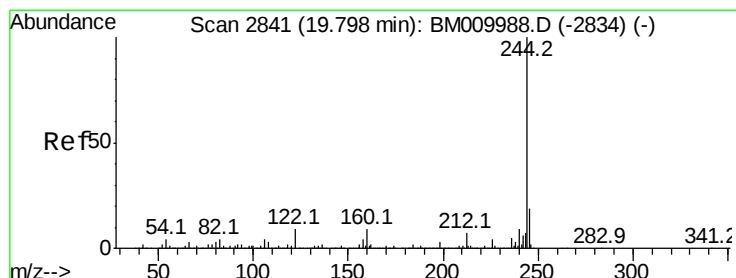
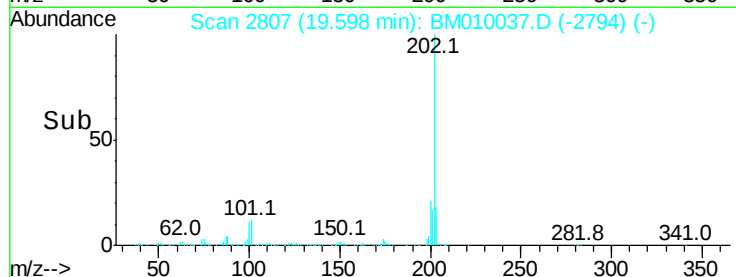
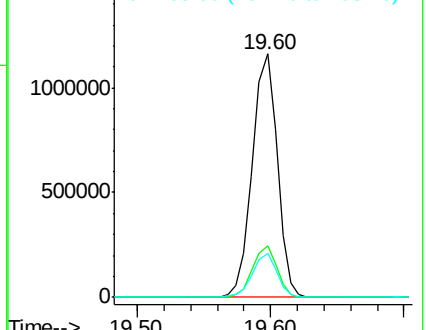


Abundance

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: 102.52 ng

RT: 19.79 min Scan# 2840

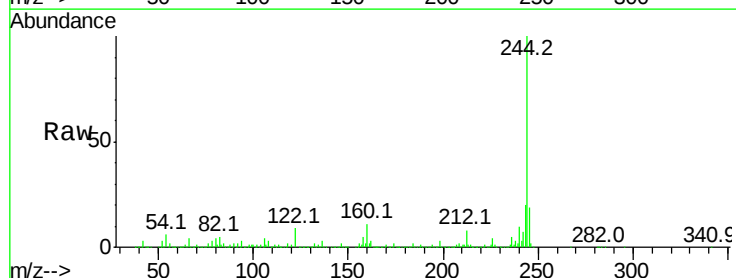
Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Tgt Ion:244 Resp: 2319890

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	9.2	6.2	9.4

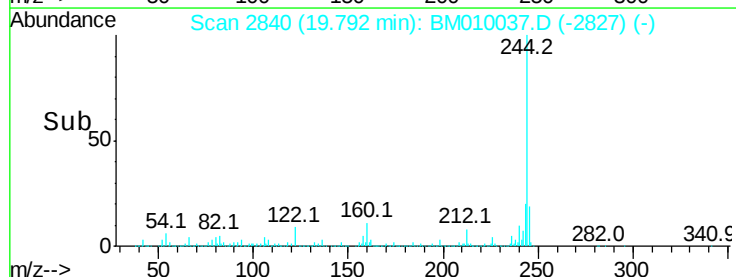
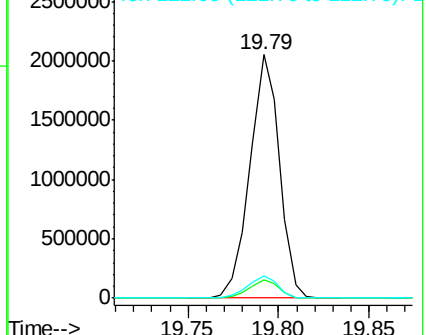


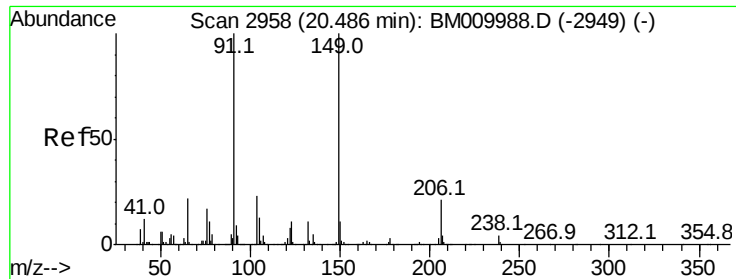
Abundance

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

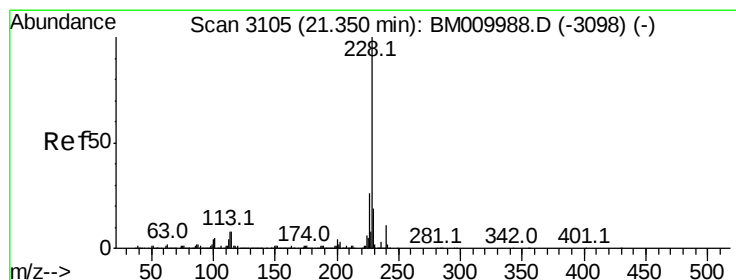
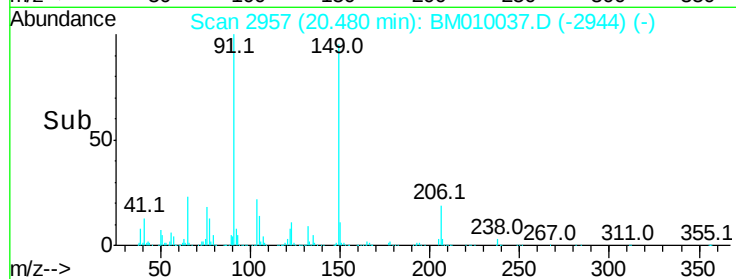
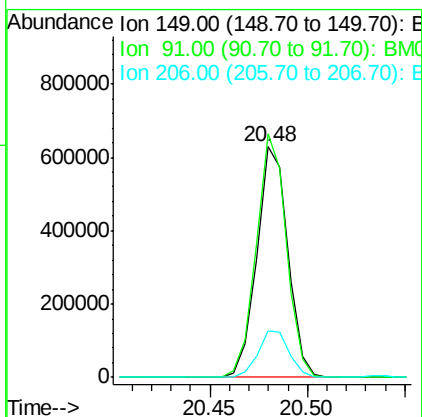
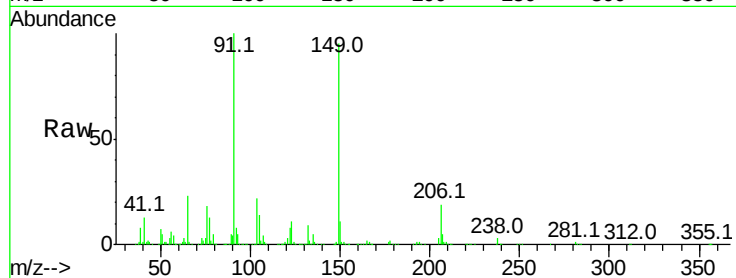




#79
Butylbenzylphthalate
Concen: 58.61 ng
RT: 20.48 min Scan# 2957
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

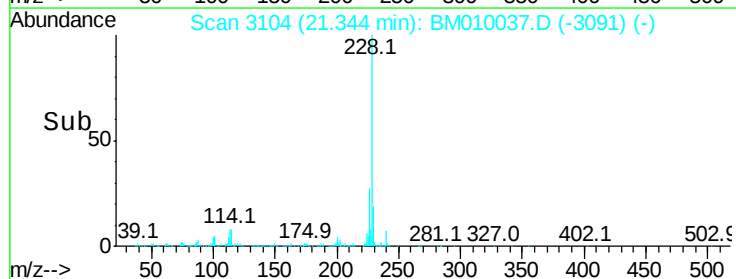
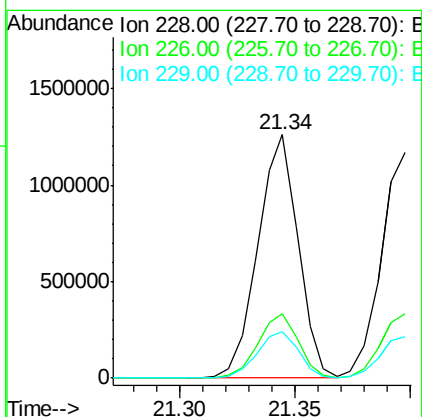
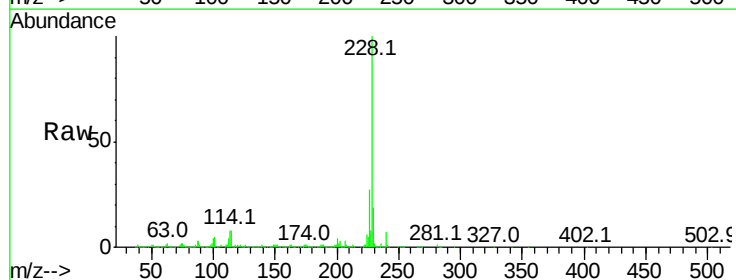
Instrument :
BNA_M
ClientSampleId :

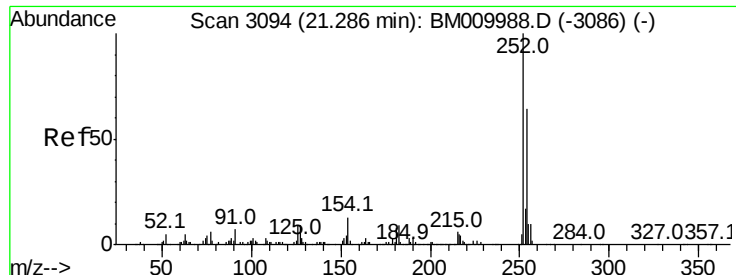
Tot Ion:149 Resp: 692651
Ion Ratio Lower Upper
149 100
91 105.6 50.1 75.1#
206 20.1 16.2 24.2



#80
Benzo(a)anthracene
Concen: 53.31 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion:228 Resp: 1527596
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 18.8 16.0 24.0

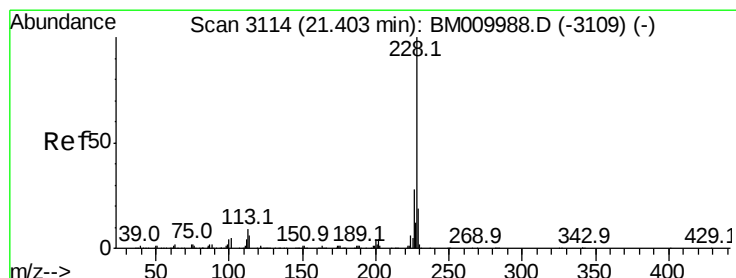
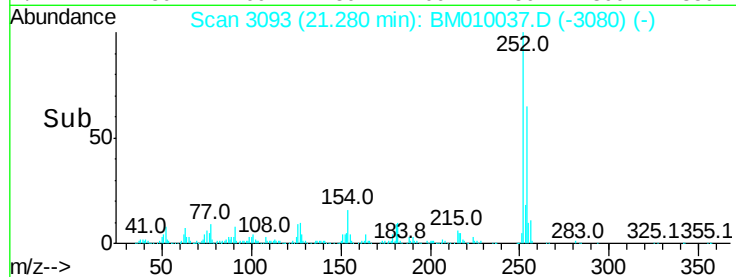
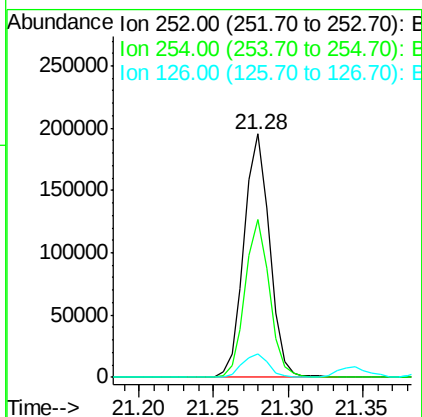
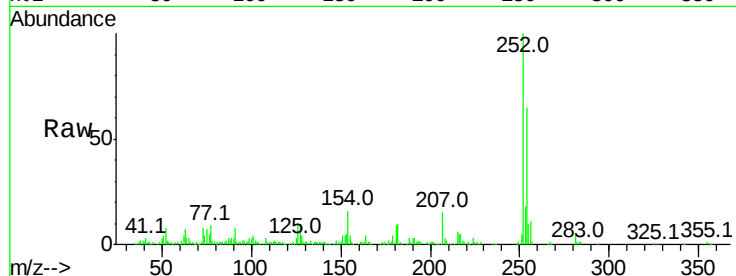




#81
 3,3'-Dichlorobenzidine
 Concen: 21.98 ng
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.02 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

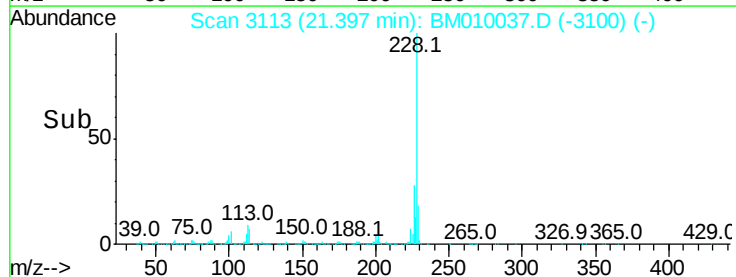
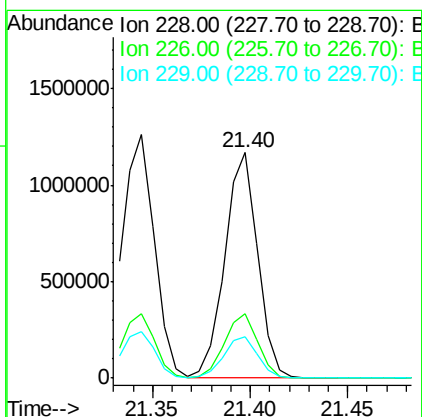
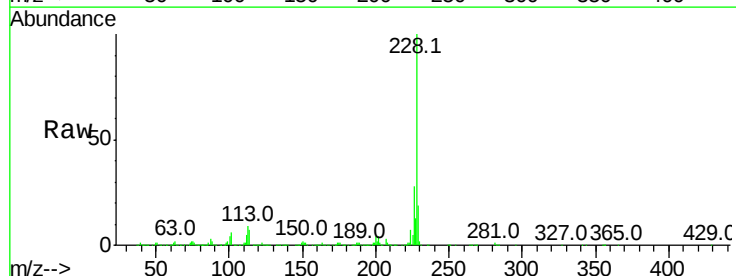
Instrument :
 BNA_M
 ClientSampleId :

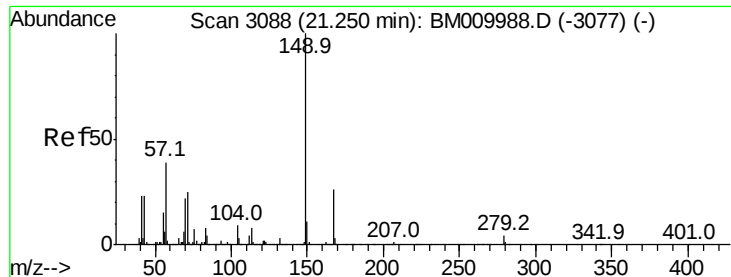
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	9.4	9.8	14.8



#82
 Chrysene
 Concen: 50.55 ng
 RT: 21.40 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.1	36.1
229	18.7	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.12 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampled :

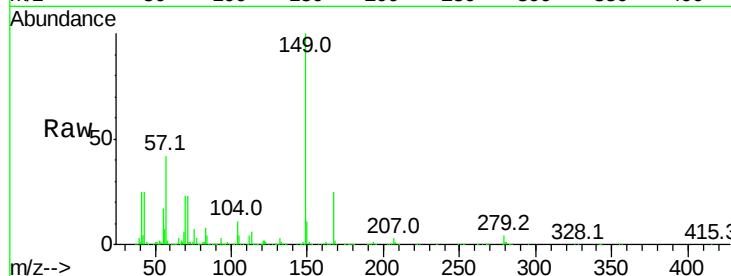
Tot Ion:149 Resp: 1008100

Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.4	33.6
279	3.8	3.4	5.0

149 100

167 25.4 22.4 33.6

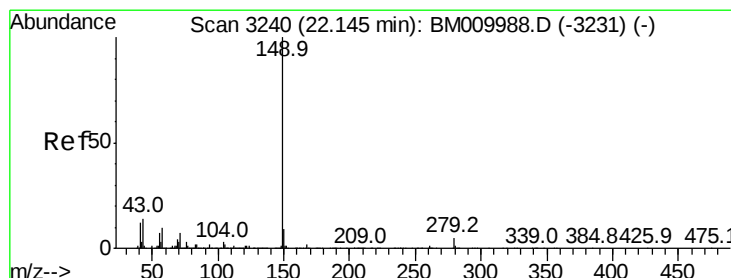
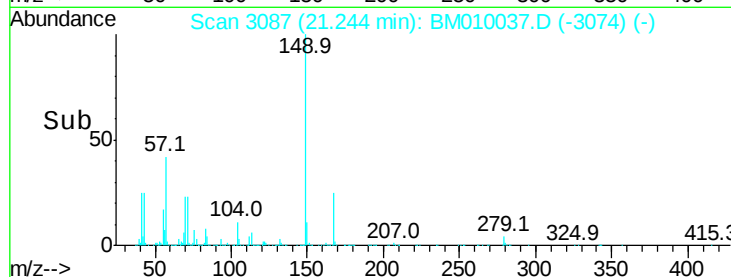
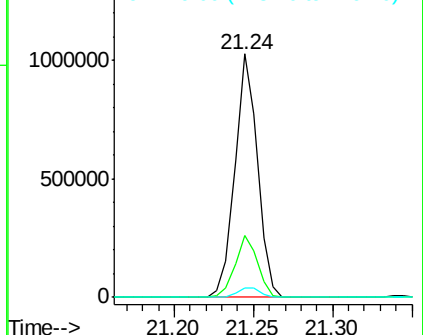
279 3.8 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 57.15 ng

RT: 22.13 min Scan# 3238

Delta R.T. -0.03 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

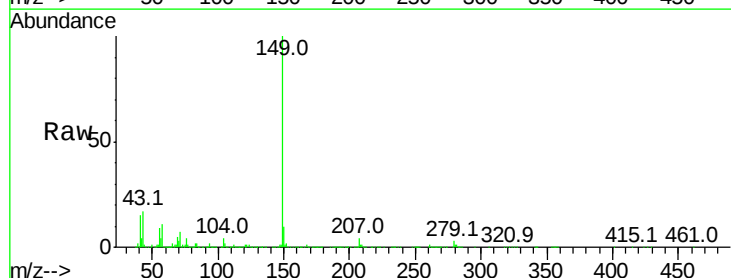
Tgt Ion:149 Resp: 1730255

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	16.8	7.3	10.9#

149 100

167 1.6 1.2 1.8

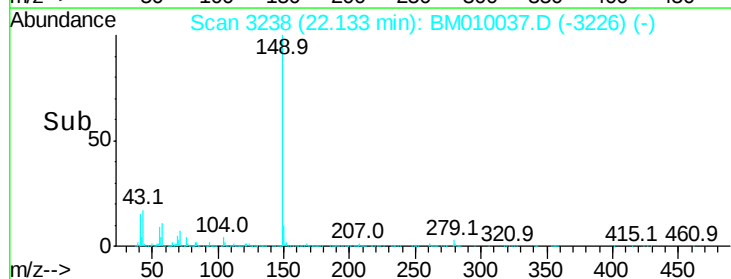
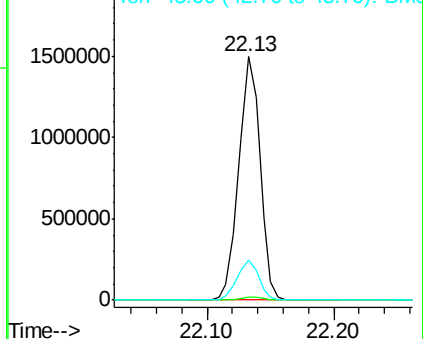
43 16.8 7.3 10.9#

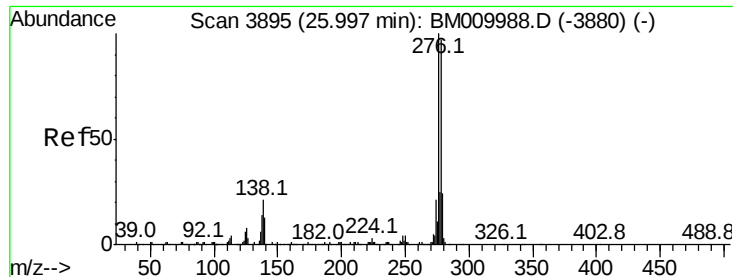


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

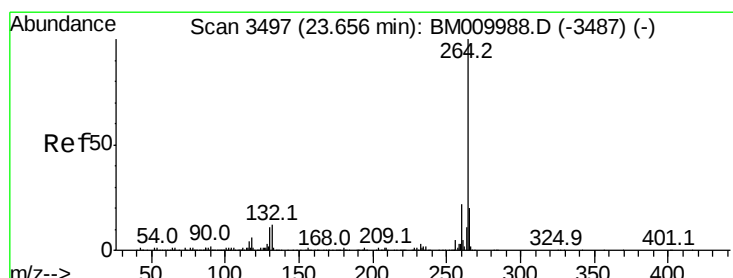
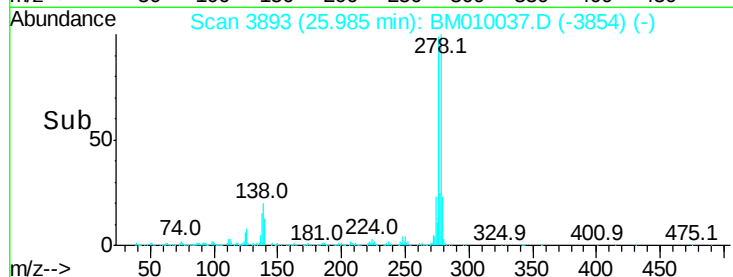
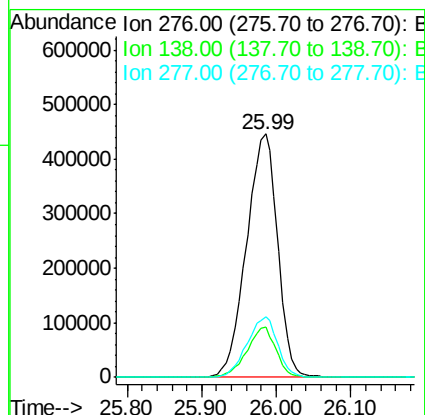
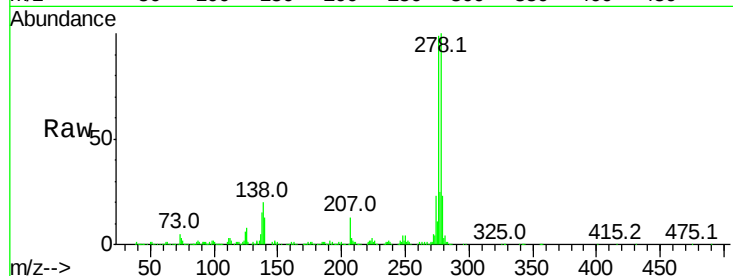




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.99 ng
 RT: 25.99 min Scan# 3893
 Delta R.T. -0.07 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

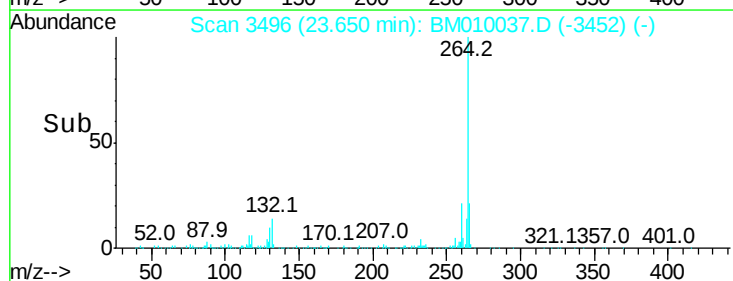
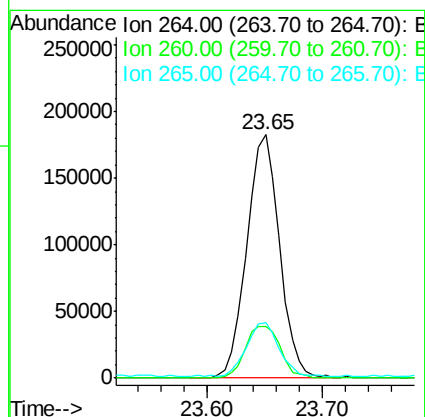
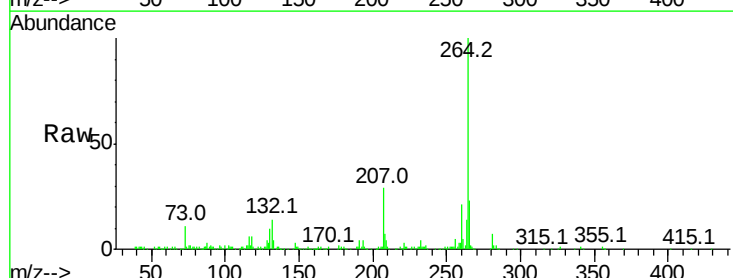
Instrument :
 BNA_M
 ClientSampleId :

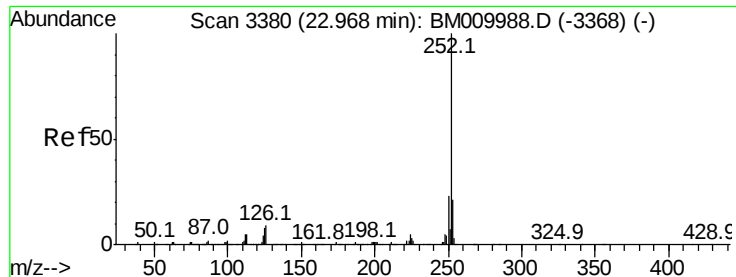
Tot Ion:276 Resp: 1290920
 Ion Ratio Lower Upper
 276 100
 138 19.3 0.0 0.0#
 277 24.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010037.D
 Acq: 12 May 2017 23:17

Tgt Ion:264 Resp: 361791
 Ion Ratio Lower Upper
 264 100
 260 21.4 18.6 27.8
 265 22.5 17.3 25.9

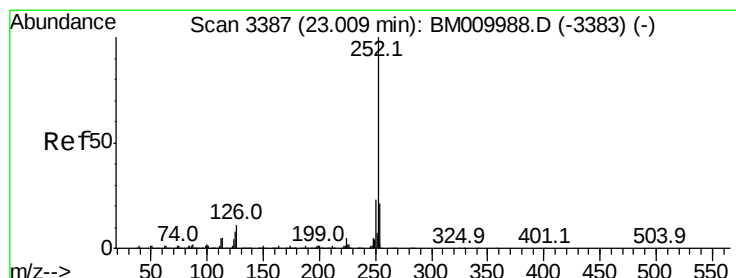
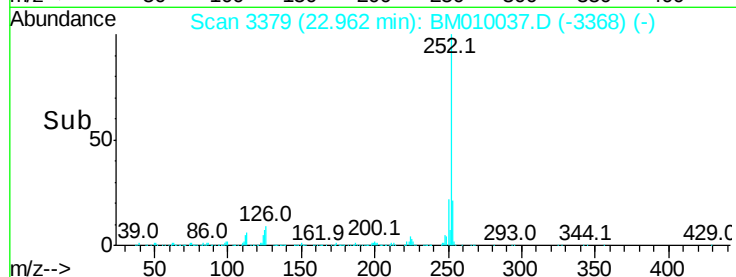
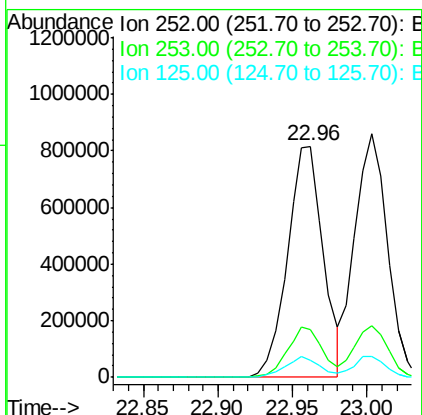
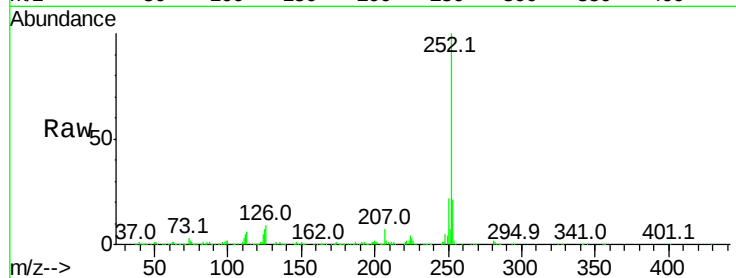




#87
Benzo(b)fluoranthene
Concen: 55.65 ng
RT: 22.96 min Scan# 3379
Delta R.T. -0.04 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

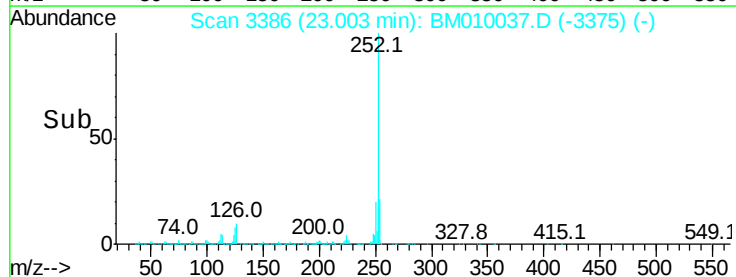
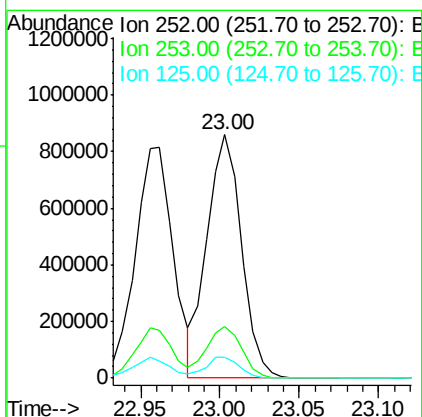
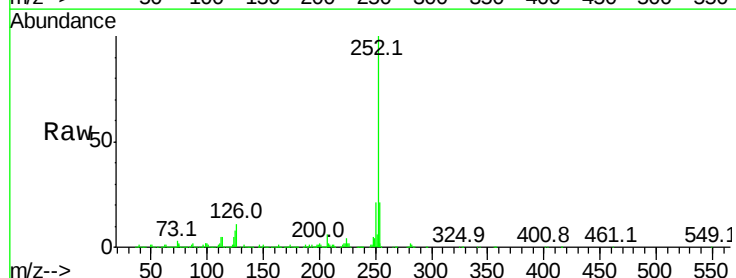
Instrument :
BNA_M
ClientSampled :

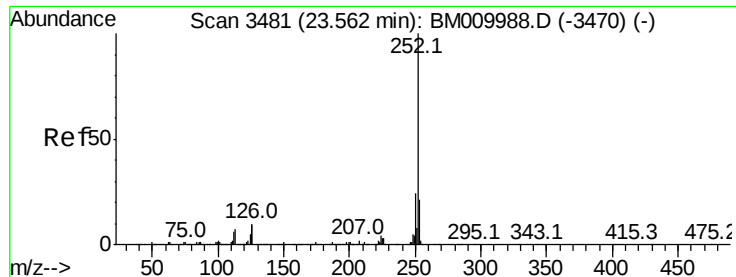
Tot Ion:252 Resp: 1363529
Ion Ratio Lower Upper
252 100
253 20.9 18.0 27.0
125 7.1 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 55.86 ng
RT: 23.00 min Scan# 3386
Delta R.T. -0.04 min
Lab File: BM010037.D
Acq: 12 May 2017 23:17

Tgt Ion:252 Resp: 1300535
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 8.3 8.1 12.1





#89

Benzo(a)pyrene

Concen: 56.40 ng

RT: 23.55 min Scan# 3479

Delta R.T. -0.04 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampled :

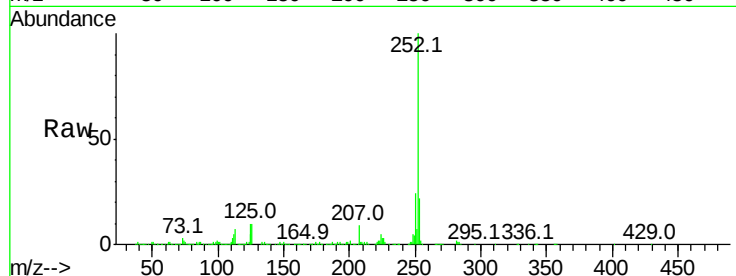
Tot Ion:252 Resp: 1218239

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

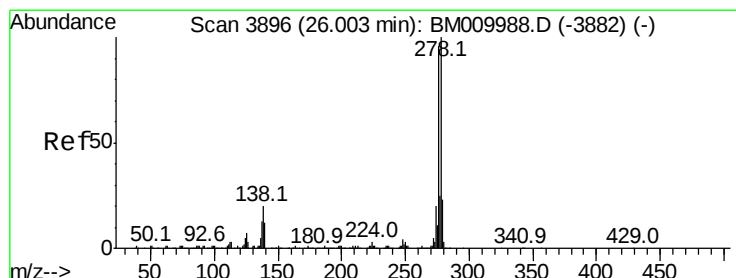
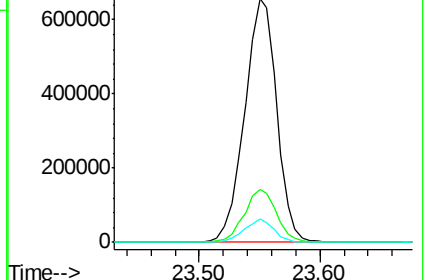
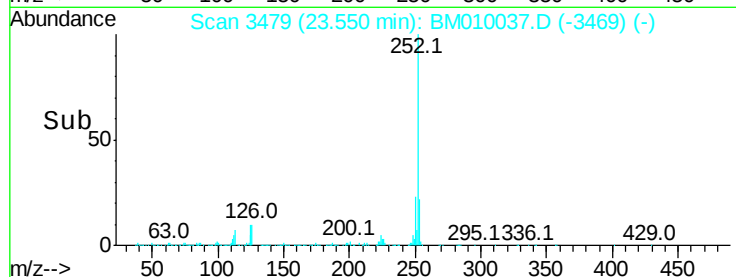
125 9.6 7.4 11.2



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: 57.40 ng

RT: 25.99 min Scan# 3893

Delta R.T. -0.07 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

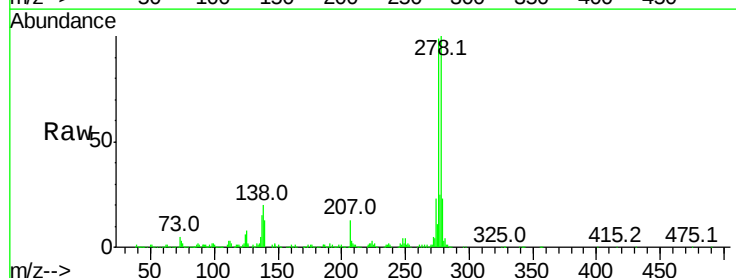
Tgt Ion:278 Resp: 1094089

Ion Ratio Lower Upper

278 100

139 13.5 13.4 20.0

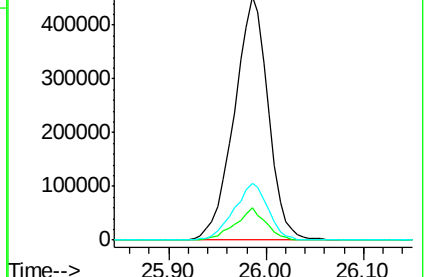
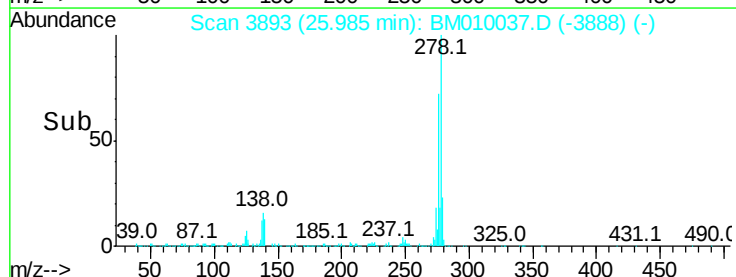
279 23.5 19.0 28.4

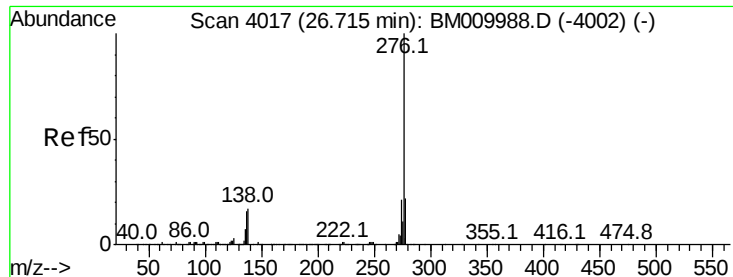


Abundance Ion 278.00 (277.70 to 278.70): E

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: 54.65 ng

RT: 26.70 min Scan# 4014

Delta R.T. -0.08 min

Lab File: BM010037.D

Acq: 12 May 2017 23:17

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 959981

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 16.3 19.0 28.6#

