

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009933.D
 Acq On : 06 May 2017 10:01
 Operator : SJ/MA
 Sample : PB98666BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:39:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	85388	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	367693	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	238887	20.00	ng	-0.01
63) Phenanthrene-d10	17.19	188	569555	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	722181	20.00	ng	-0.01
86) Perylene-d12	23.68	264	652177	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	735359	137.11	ng	0.00
7) Phenol-d6	6.96	99	1112187	135.28	ng	0.00
23) Nitrobenzene-d5	8.95	82	806474	79.37	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	414388	127.01	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	1456122	79.42	ng	-0.01
78) Terphenyl-d14	19.81	244	2537272	72.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	58310	28.31	ng	# 100
3) Pyridine	3.69	79	212589	30.01	ng	# 73
4) n-Nitrosodimethylamine	3.60	42	169677	36.72	ng	# 55
6) Aniline	7.12	93	239693	22.05	ng	# 88
8) 2-Chlorophenol	7.35	128	250807	42.00	ng	# 76
9) Benzaldehyde	6.93	77	61827	9.47	ng	# 79
10) Phenol	6.99	94	388715	43.19	ng	# 97
11) bis(2-Chloroethyl)ether	7.21	93	269472	37.62	ng	# 83
12) 1,3-Dichlorobenzene	7.66	146	224026	33.86	ng	# 80
13) 1,4-Dichlorobenzene	7.81	146	237182	34.77	ng	# 91
14) 1,2-Dichlorobenzene	8.13	146	236308	36.05	ng	# 89
15) Benzyl Alcohol	8.03	79	328055	43.09	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.30	45	478760	36.16	ng	# 93
17) 2-Methylphenol	8.23	107	248838	41.06	ng	# 83
18) Hexachloroethane	8.84	117	104467	34.57	ng	# 90
19) n-Nitroso-di-n-propylamine	8.59	70	285870	36.67	ng	# 80
20) 3+4-Methylphenols	8.56	107	344009	41.30	ng	# 87
22) Acetophenone	8.61	105	426701	37.09	ng	# 80
24) Nitrobenzene	8.99	77	406459	38.54	ng	# 89
25) Isophorone	9.51	82	710003	39.61	ng	# 87
26) 2-Nitrophenol	9.70	139	133825	39.23	ng	# 30
27) 2,4-Dimethylphenol	9.76	122	258227	42.07	ng	# 78
28) bis(2-Chloroethoxy)methane	9.99	93	396581	38.02	ng	# 98
29) 2,4-Dichlorophenol	10.23	162	258020	43.85	ng	# 93
30) 1,2,4-Trichlorobenzene	10.43	180	252357	36.69	ng	# 96
31) Naphthalene	10.62	128	743519	36.77	ng	# 100
32) Benzoic acid	9.94	122	151389	37.56	ng	# 69
33) 4-Chloroaniline	10.75	127	94744	11.11	ng	# 76
34) Hexachlorobutadiene	10.88	225	168034	35.11	ng	# 98
35) Caprolactam	11.57	113	74424	33.16	ng	# 56
36) 4-Chloro-3-methylphenol	11.89	107	325671	40.75	ng	# 79
37) 2-Methylnaphthalene	12.24	142	567441	39.73	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	310969	36.19	ng	# 100
40) Hexachlorocyclopentadiene	12.57	237	186622	71.72	ng	# 96

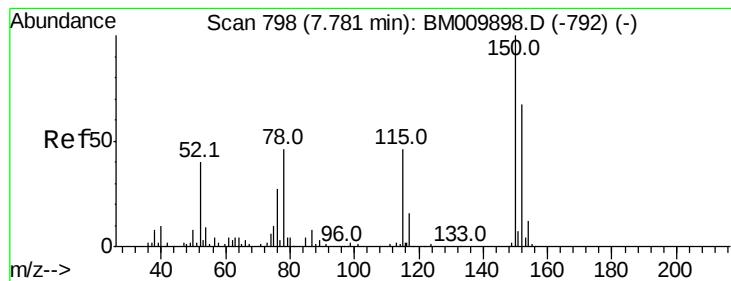
Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	223129	40.18	nq	97
43) 2,4,5-Trichlorophenol	12.95	196	229462	38.41	nq	# 84
45) 1,1'-Biphenyl	13.26	154	759095	37.32	nq	96
46) 2-Chloronaphthalene	13.30	162	607772	37.81	nq	93
47) 2-Nitroaniline	13.53	65	301805	38.87	nq	# 61
48) Acenaphthylene	14.16	152	983130	38.96	nq	99
49) Dimethylphthalate	13.89	163	821930	36.12	nq	99
50) 2,6-Dinitrotoluene	14.03	165	174848	39.40	nq	# 36
51) Acenaphthene	14.50	154	593380	38.11	nq	97
52) 3-Nitroaniline	14.36	138	86466	18.01	nq	# 38
53) 2,4-Dinitrophenol	14.59	184	172156	68.37	nq	# 79
54) Dibenzofuran	14.83	168	985382	41.38	nq	92
55) 4-Nitrophenol	14.69	139	232272	72.00	nq	# 1
56) 2,4-Dinitrotoluene	14.83	165	261626	40.56	nq	# 68
57) Fluorene	15.49	166	818320	38.95	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.07	232	194640	42.54	nq	# 100
59) Diethylphthalate	15.26	149	883833	36.36	nq	97
60) 4-Chlorophenyl-phenylether	15.47	204	426266	38.23	nq	99
61) 4-Nitroaniline	15.53	138	171334	35.62	nq	# 8
62) Azobenzene	15.77	77	1216690	44.93	nq	78
64) 4,6-Dinitro-2-methylphenol	15.59	198	134200	36.56	nq	# 78
65) n-Nitrosodiphenylamine	15.70	169	709773	39.33	nq	99
66) 4-Bromophenyl-phenylether	16.37	248	260296	39.07	nq	# 89
67) Hexachlorobenzene	16.49	284	290379	38.26	nq	# 89
68) Atrazine	16.66	200	276348	39.97	nq	96
69) Pentachlorophenol	16.85	266	217066	65.03	nq	97
70) Phenanthrene	17.23	178	1283638	38.93	nq	99
71) Anthracene	17.32	178	1340174	40.30	nq	98
72) Carbazole	17.60	167	1223889	40.60	nq	99
73) Di-n-butylphthalate	18.14	149	1563606	36.11	nq	# 97
74) Fluoranthene	19.25	202	1591507	38.24	nq	98
76) Benzidine	19.44	184	774166	35.54	nq	99
77) Pyrene	19.62	202	1658439	38.45	nq	99
79) Butylbenzylphthalate	20.50	149	762841	36.67	nq	# 73
80) Benzo(a)anthracene	21.36	228	1711205	39.34	nq	99
81) 3,3'-Dichlorobenzidine	21.30	252	333494	19.29	nq	# 96
82) Chrysene	21.42	228	1547711	37.85	nq	98
83) Bis(2-ethylhexyl)phthalate	21.26	149	1103184	34.48	nq	96
84) Di-n-octyl phthalate	22.16	149	1918429	34.53	nq	# 82
85) Indeno(1,2,3-cd)pyrene	26.03	276	1782715	38.66	nq	# 100
87) Benzo(b)fluoranthene	22.99	252	1677763	40.37	nq	# 94
88) Benzo(k)fluoranthene	23.03	252	1623610	40.18	nq	# 96
89) Benzo(a)pyrene	23.58	252	1574493	40.38	nq	100
90) Dibenzo(a,h)anthracene	26.03	278	1552526	39.68	nq	# 95
91) Benzo(g,h,i)perylene	26.76	276	1389608	37.87	nq	# 91

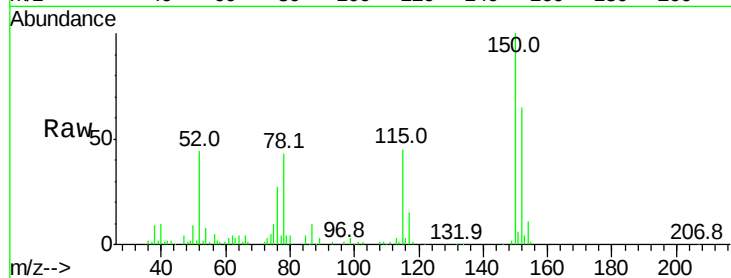
(#) = qualifier out of range (m) = manual integration (+) = signals summed



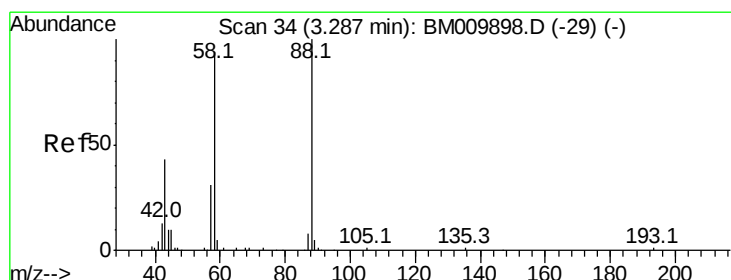
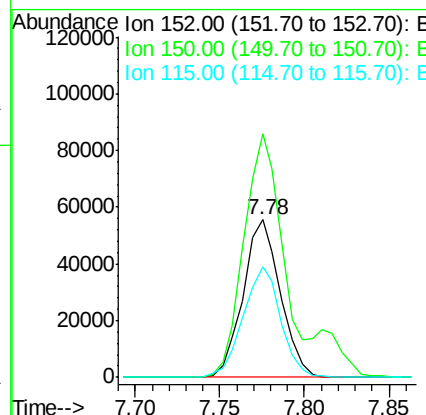
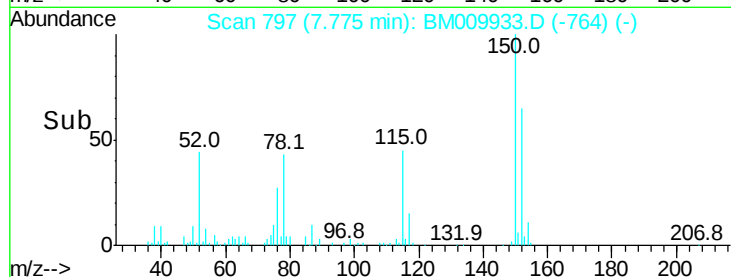
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.78 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BM009933.D
 Acq: 06 May 2017 10:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 85388
 Ion Ratio Lower Upper
 152 100
 150 154.4 119.5 179.3
 115 70.2 43.0 64.4#

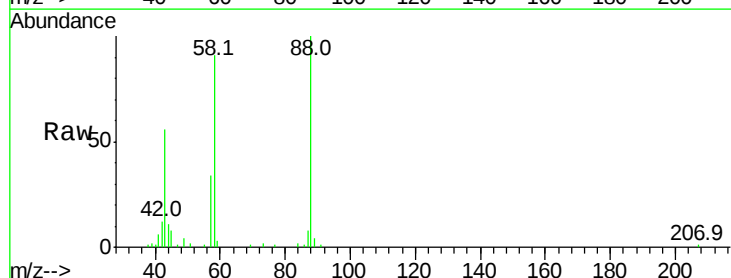


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

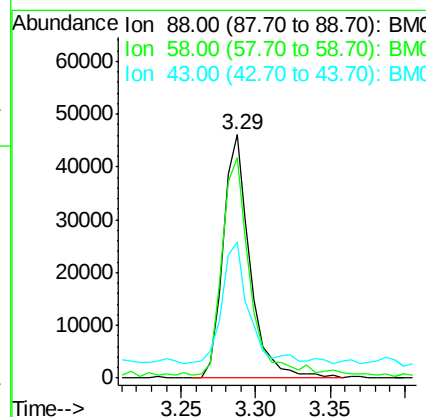
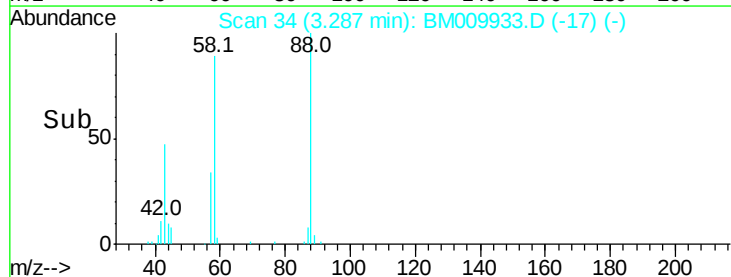


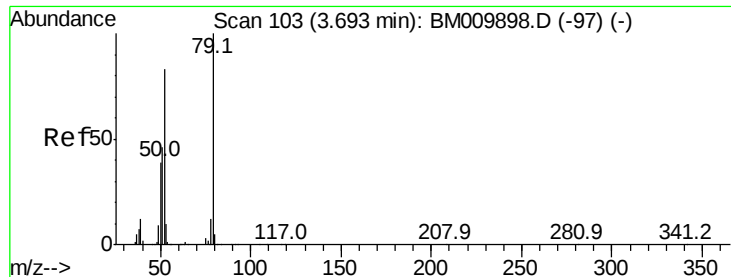
#2
 1,4-Dioxane
 Concen: 28.31 ng
 RT: 3.29 min Scan# 34
 Delta R.T. 0.00 min
 Lab File: BM009933.D
 Acq: 06 May 2017 10:01

Tgt Ion: 88 Resp: 58310
 Ion Ratio Lower Upper
 88 100
 58 92.9 0.0 0.0#
 43 49.2 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: 30.01 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

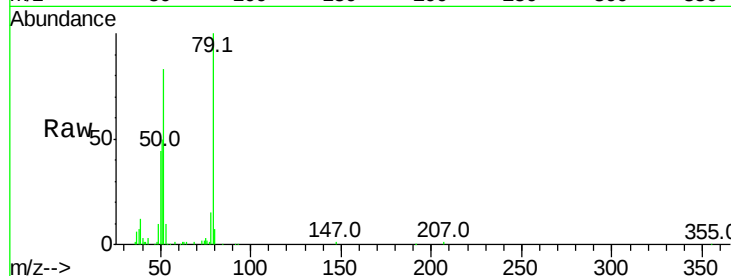
Tot Ion: 79 Resp: 212589

Ion Ratio Lower Upper

79 100

52 83.1 51.1 76.7#

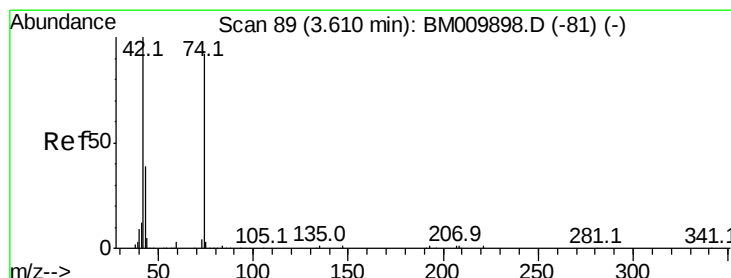
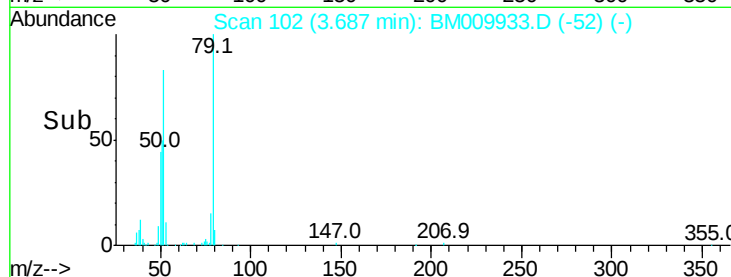
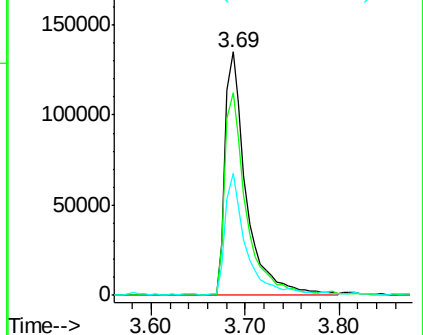
51 50.2 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM009898.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM009898.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM009898.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 36.72 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

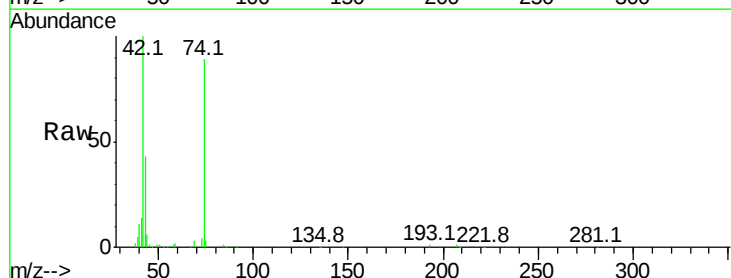
Tgt Ion: 42 Resp: 169677

Ion Ratio Lower Upper

42 100

74 89.2 119.3 178.9#

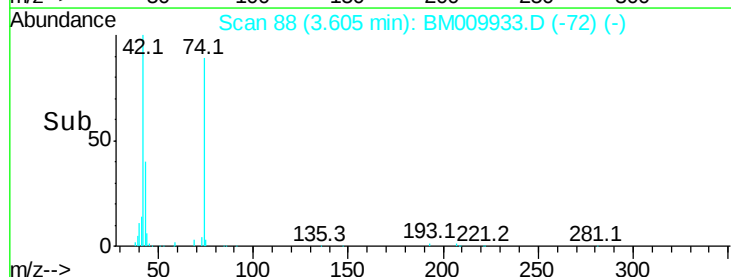
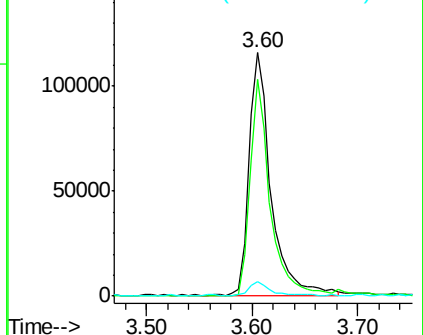
44 6.2 5.4 8.2

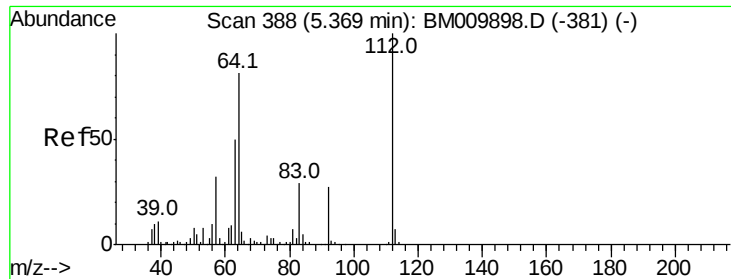


Abundance Ion 42.00 (41.70 to 42.70): BM009898.D (-81) (-)

Ion 74.00 (73.70 to 74.70): BM009898.D (-81) (-)

Ion 44.00 (43.70 to 44.70): BM009898.D (-81) (-)





#5

2-Fluorophenol

Concen: 137.11 ng

RT: 5.37 min Scan# 388

Delta R.T. 0.00 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

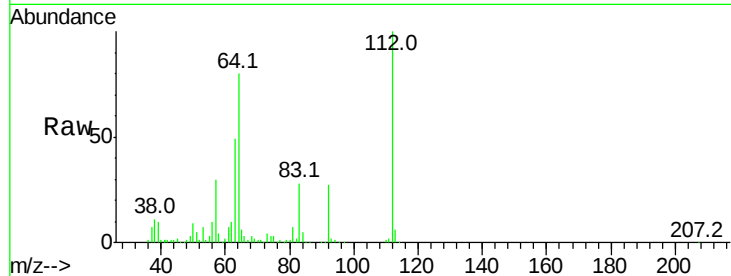
Tot Ion:112 Resp: 735359

Ion Ratio Lower Upper

112 100

64 80.0 38.6 57.8#

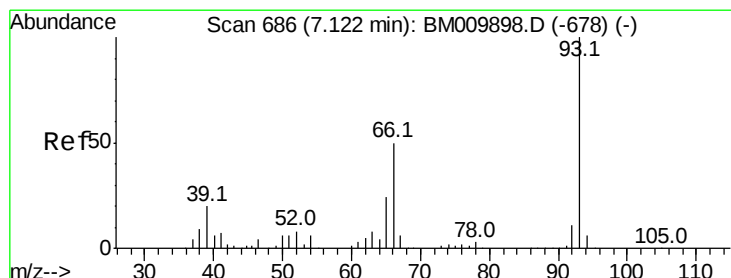
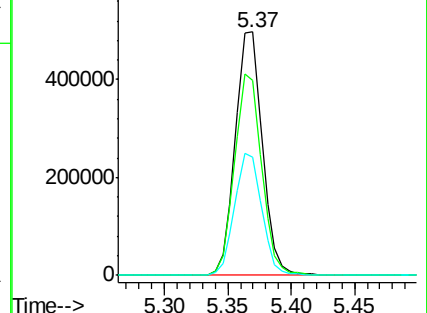
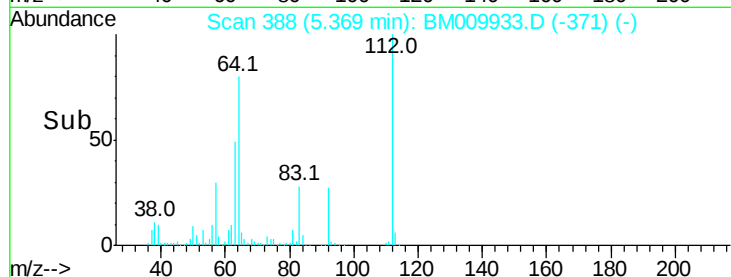
63 48.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 22.05 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

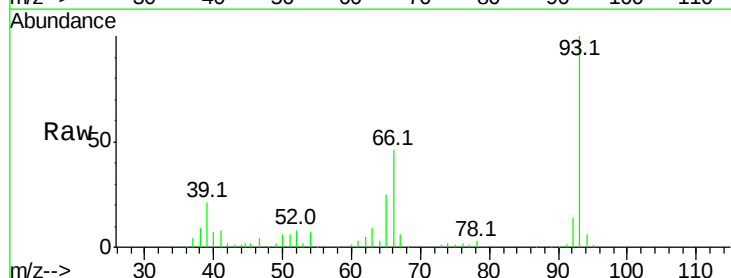
Tgt Ion: 93 Resp: 239693

Ion Ratio Lower Upper

93 100

66 46.0 30.8 46.2

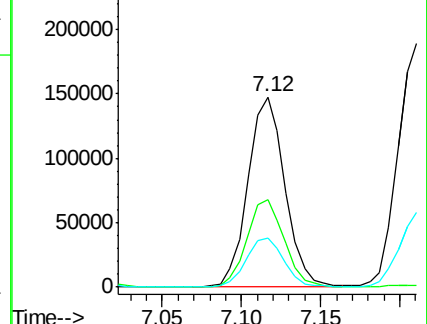
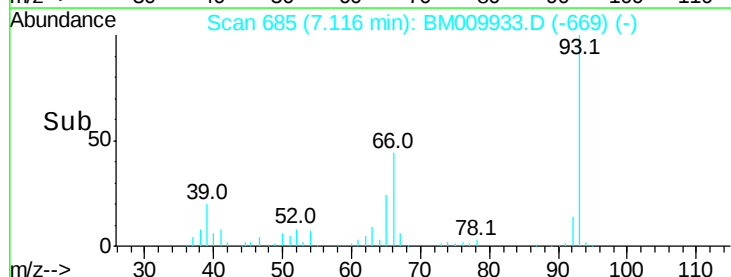
65 25.5 16.0 24.0#

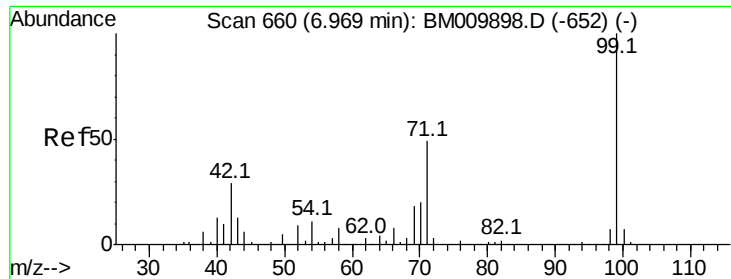


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 135.28 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

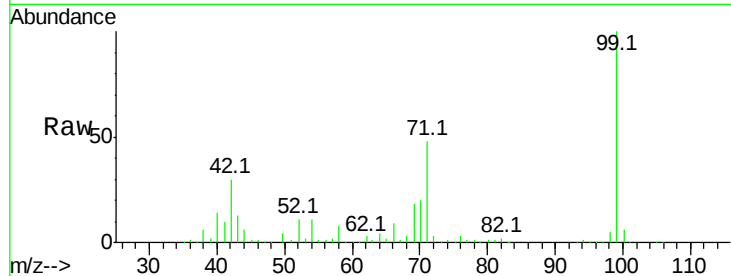
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1112187

Ion	Ratio	Lower	Upper
99	100		
42	30.3	11.0	16.4#
71	47.6	23.4	35.2#

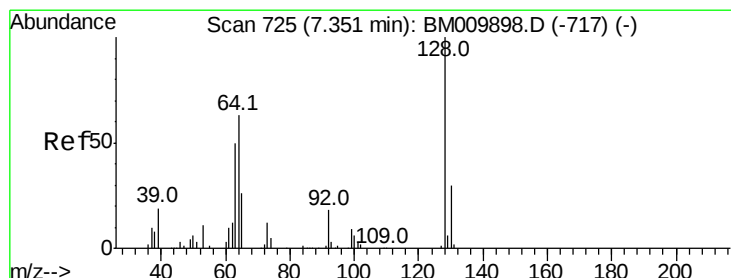
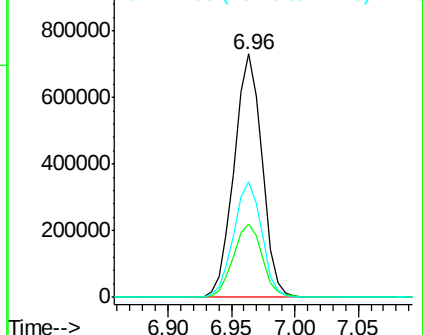
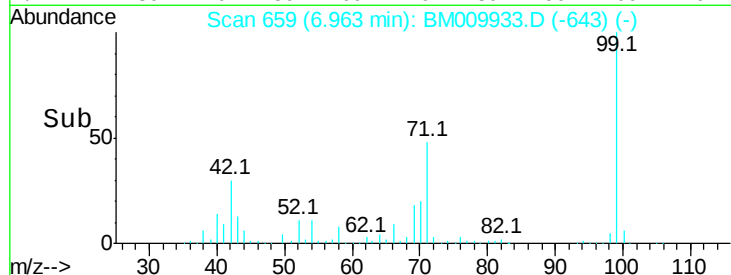


Abundance

Ion 99.00 (98.70 to 99.70): BM009933.D (-643) (-)

Ion 42.00 (41.70 to 42.70): BM009933.D (-643) (-)

Ion 71.00 (70.70 to 71.70): BM009933.D (-643) (-)



#8

2-Chlorophenol

Concen: 42.00 ng

RT: 7.35 min Scan# 724

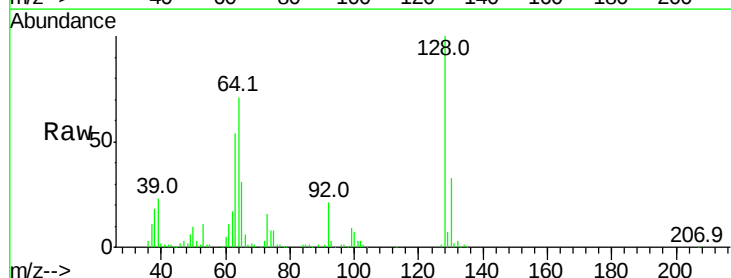
Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Tgt Ion: 128 Resp: 250807

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.0	52.0
64	71.1	24.9	64.9#

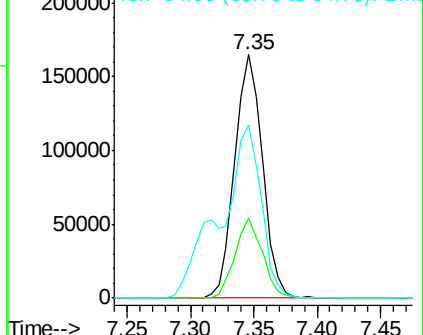
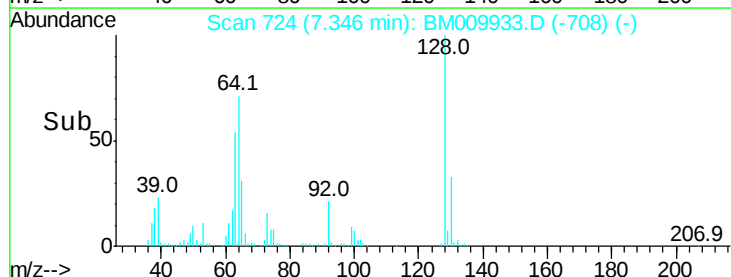


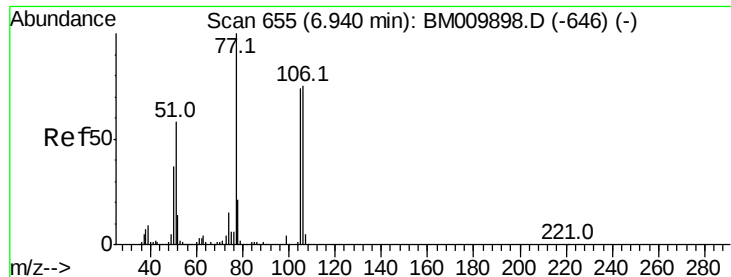
Abundance

Ion 128.00 (127.70 to 128.70): BM009933.D (-708) (-)

Ion 130.00 (129.70 to 130.70): BM009933.D (-708) (-)

Ion 64.00 (63.70 to 64.70): BM009933.D (-708) (-)





#9

Benzaldehyde

Concen: 9.47 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

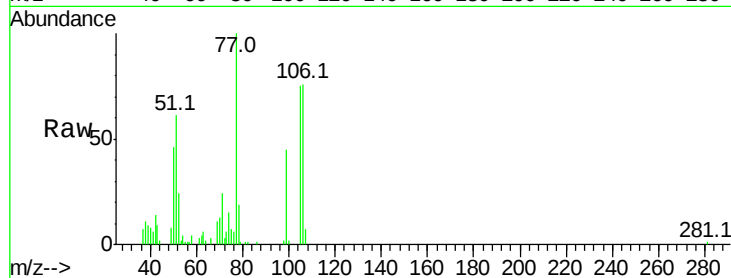
Tot Ion: 77 Resp: 61827

Ion Ratio Lower Upper

77 100

105 74.9 78.8 118.8#

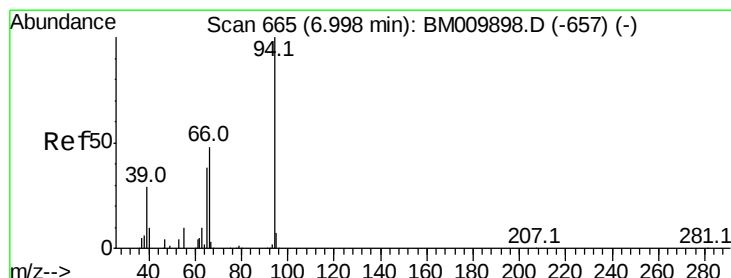
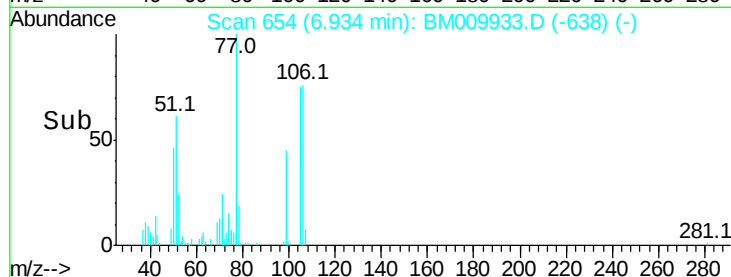
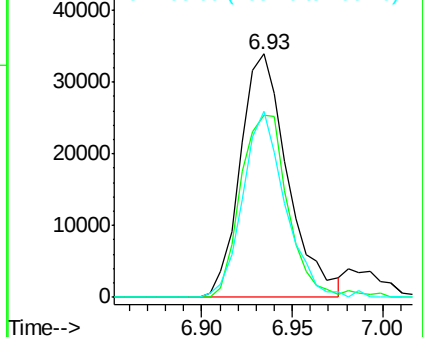
106 76.3 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM009933.D (-638) (-)

Ion 105.00 (104.70 to 105.70): BM009933.D (-638) (-)

Ion 106.00 (105.70 to 106.70): BM009933.D (-638) (-)



#10

Phenol

Concen: 43.19 ng

RT: 6.99 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

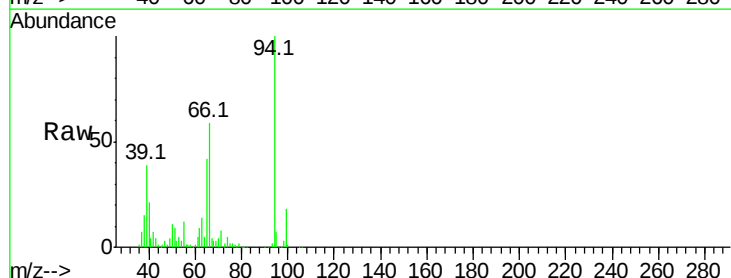
Tgt Ion: 94 Resp: 388715

Ion Ratio Lower Upper

94 100

65 41.9 18.8 58.8

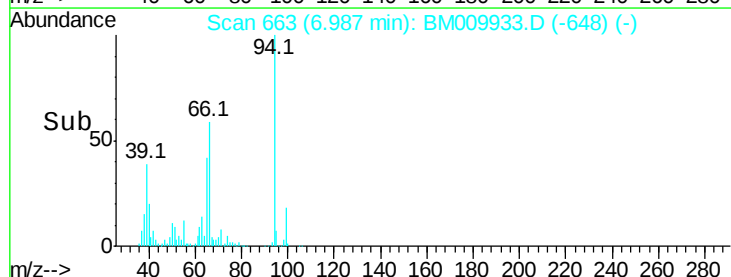
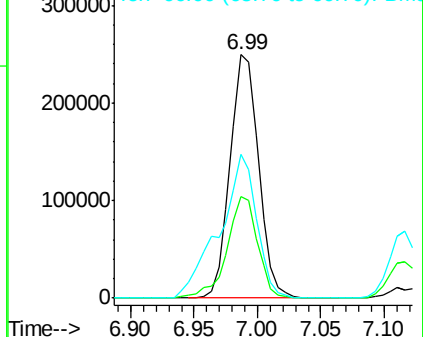
66 59.2 39.9 79.9

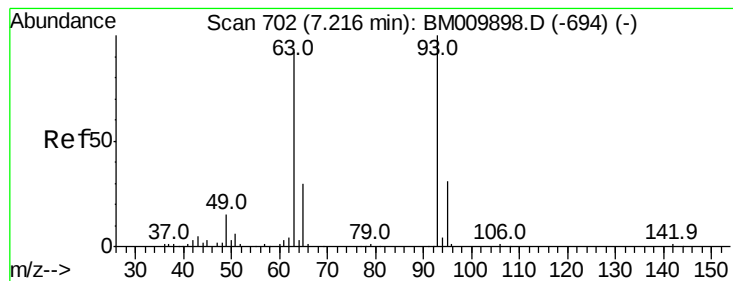


Abundance Ion 94.00 (93.70 to 94.70): BM009933.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM009933.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM009933.D (-648) (-)





#11

bis(2-Chloroethyl)ether

Concen: 37.62 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

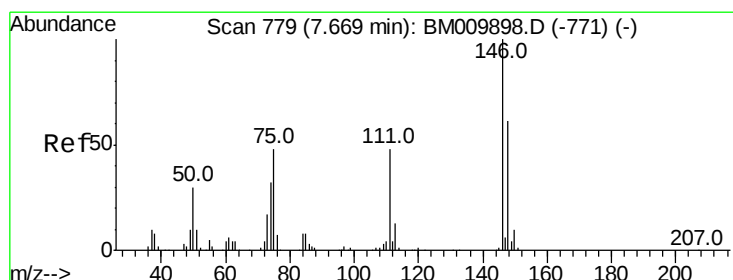
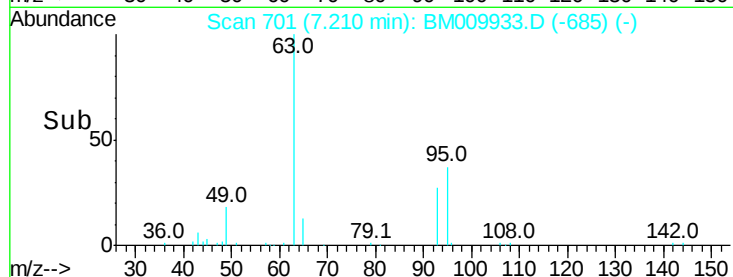
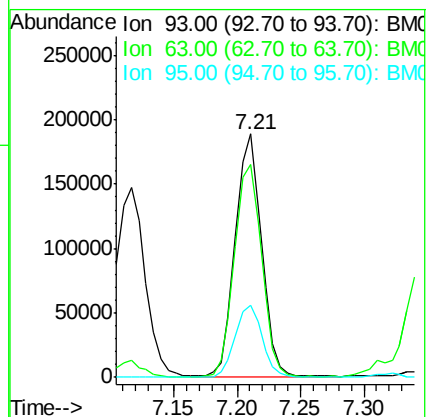
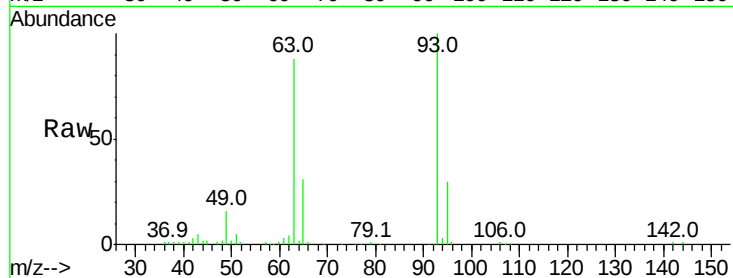
Tot Ion: 93 Resp: 269472

Ion Ratio Lower Upper

93 100

63 87.7 49.5 89.5

95 29.9 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 33.86 ng

RT: 7.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

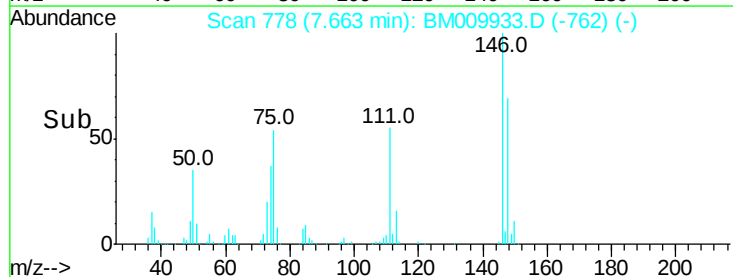
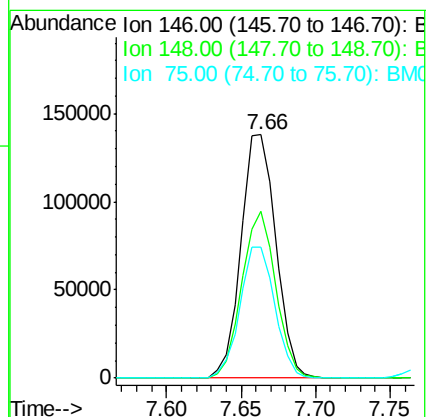
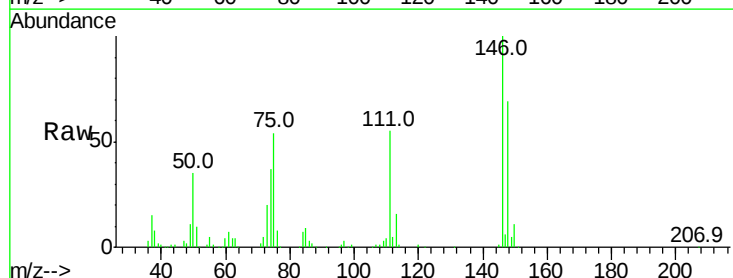
Tgt Ion: 146 Resp: 224026

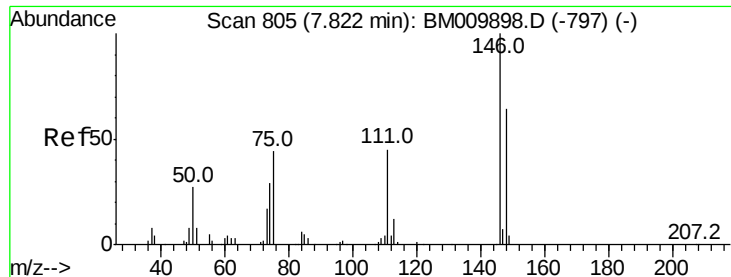
Ion Ratio Lower Upper

146 100

148 68.7 50.9 76.3

75 53.8 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 34.77 ng

RT: 7.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

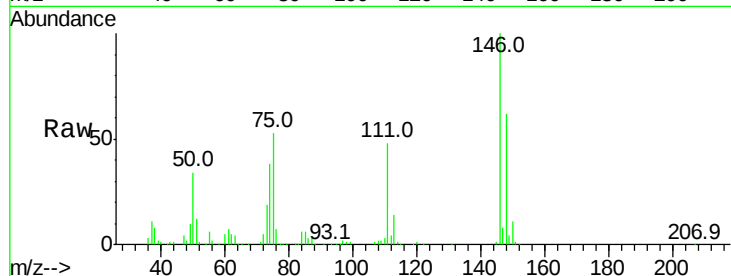
Instrument :

BNA_M

ClientSampled :

Tot Ion:146 Resp: 237182

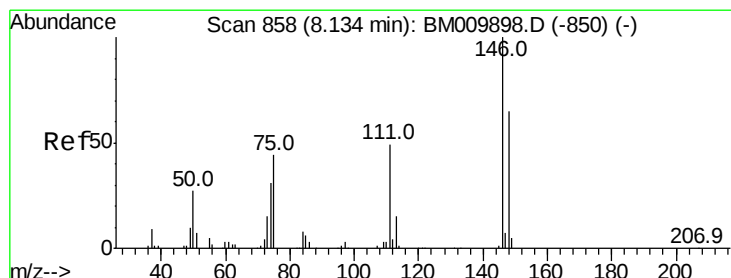
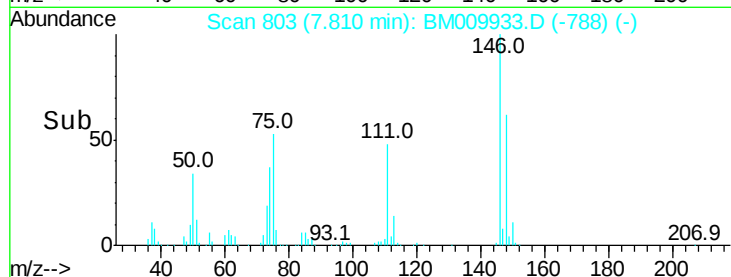
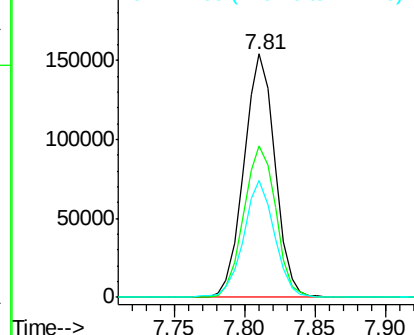
Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.9	77.9
111	47.9	29.2	43.8



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: 36.05 ng

RT: 8.13 min Scan# 857

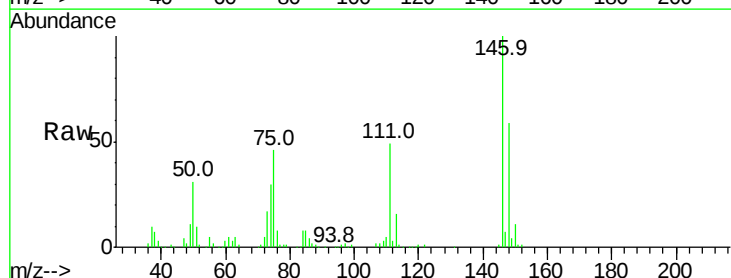
Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Tgt Ion:146 Resp: 236308

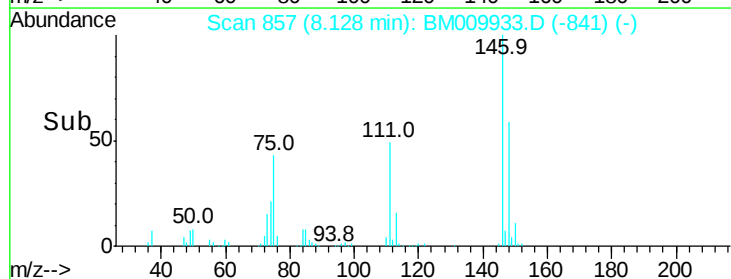
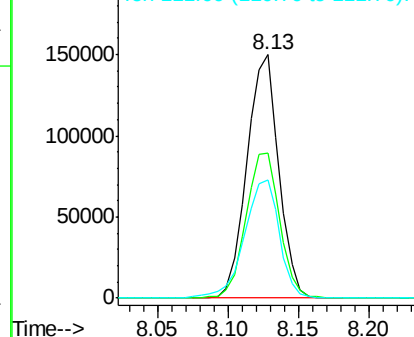
Ion	Ratio	Lower	Upper
146	100		
148	59.3	52.3	78.5
111	48.7	30.6	45.8

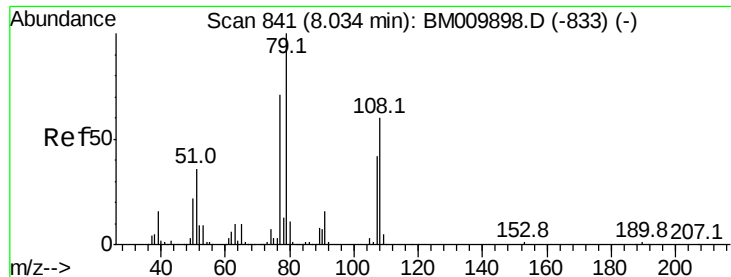


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.09 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampled :

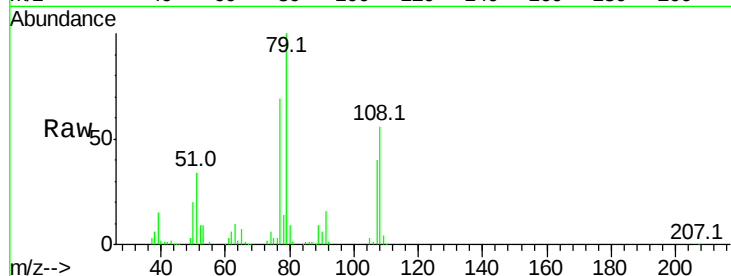
Tot Ion: 79 Resp: 328055

Ion Ratio Lower Upper

79 100

108 56.3 65.0 97.4#

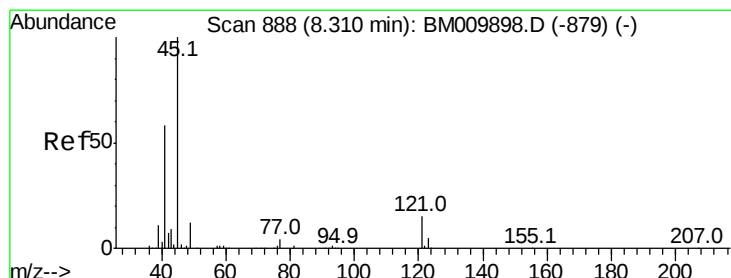
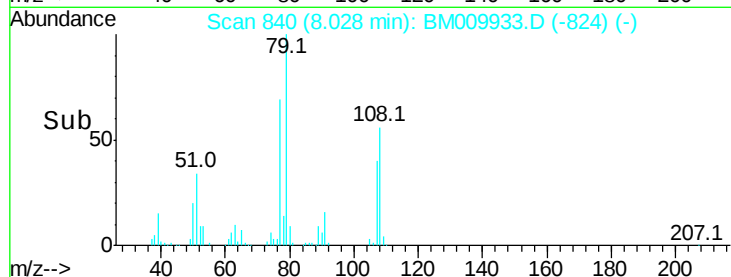
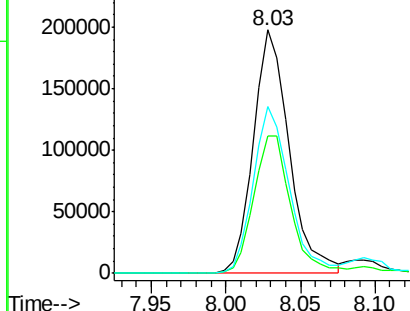
77 68.8 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM009898.D (-833) (-)

Ion 108.00 (107.70 to 108.70): BM009898.D (-833) (-)

Ion 77.00 (76.70 to 77.70): BM009898.D (-833) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.16 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

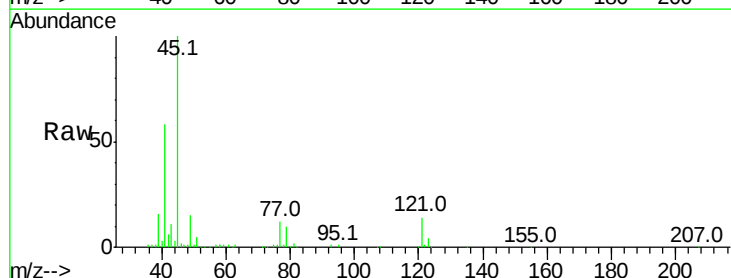
Tgt Ion: 45 Resp: 478760

Ion Ratio Lower Upper

45 100

77 11.7 0.0 35.2

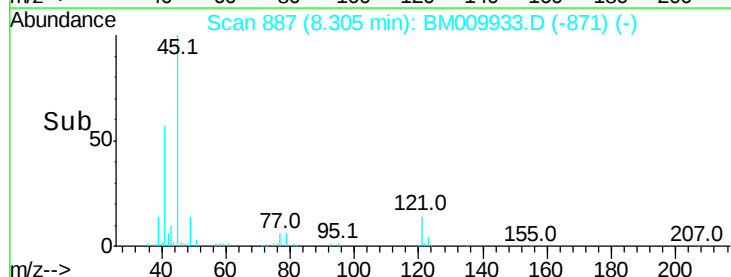
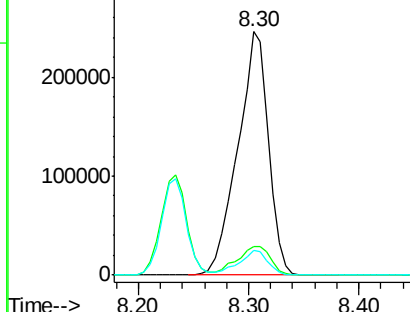
79 10.4 0.0 32.0

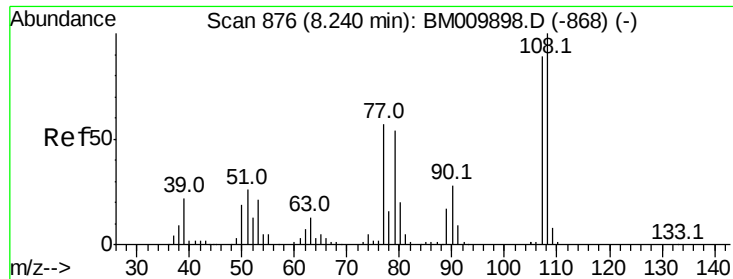


Abundance Ion 45.00 (44.70 to 45.70): BM009898.D (-879) (-)

Ion 77.00 (76.70 to 77.70): BM009898.D (-879) (-)

Ion 79.00 (78.70 to 79.70): BM009898.D (-879) (-)





#17

2-Methylphenol

Concen: 41.06 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 248838

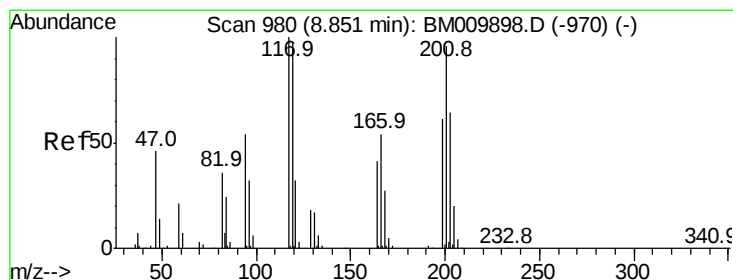
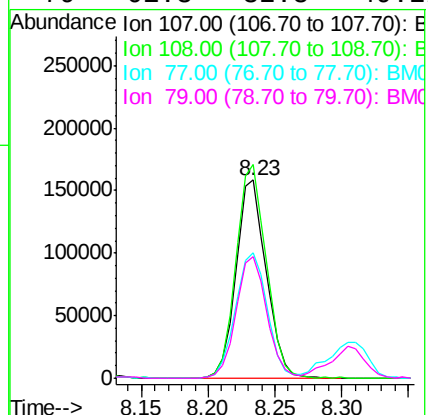
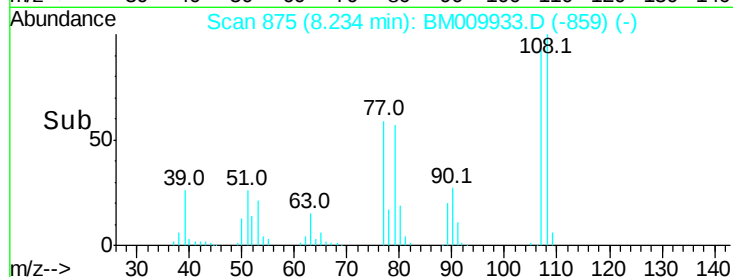
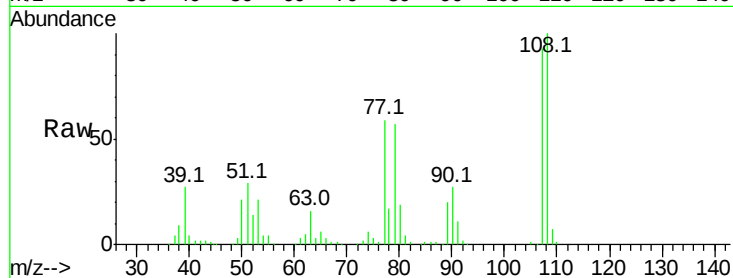
Ion Ratio Lower Upper

107 100

108 107.8 89.8 134.8

77 63.5 32.6 48.8#

79 61.3 32.8 49.2#



#18

Hexachloroethane

Concen: 34.57 ng

RT: 8.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

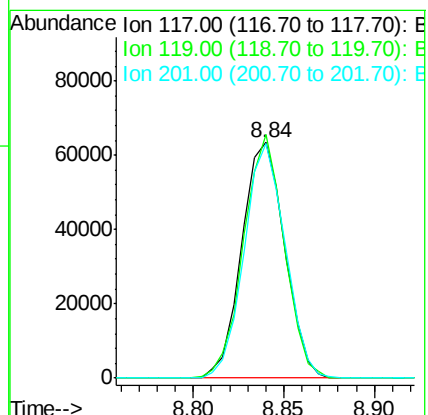
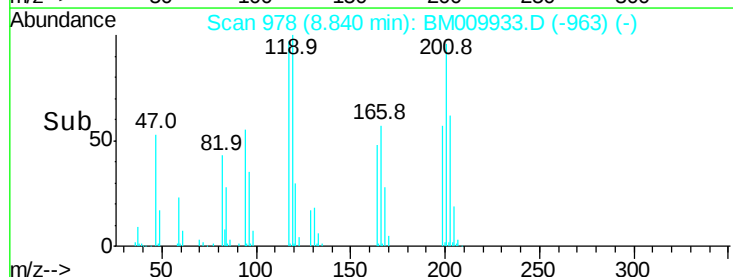
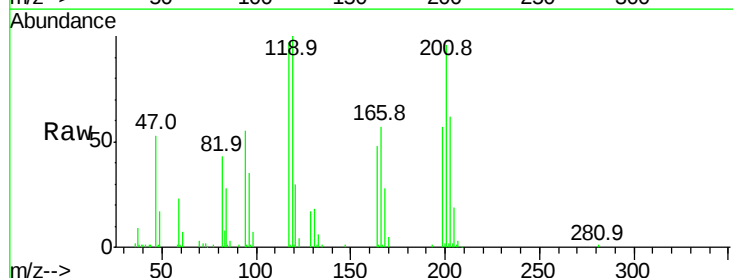
Tgt Ion:117 Resp: 104467

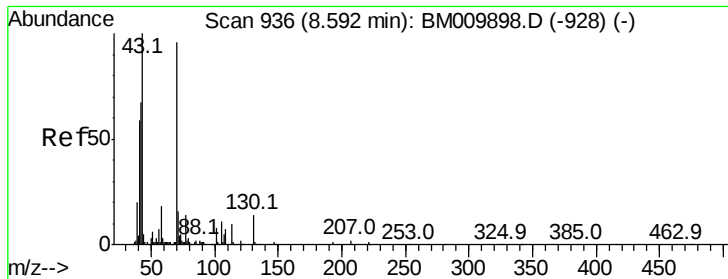
Ion Ratio Lower Upper

117 100

119 103.3 79.2 118.8

201 101.6 69.8 104.6

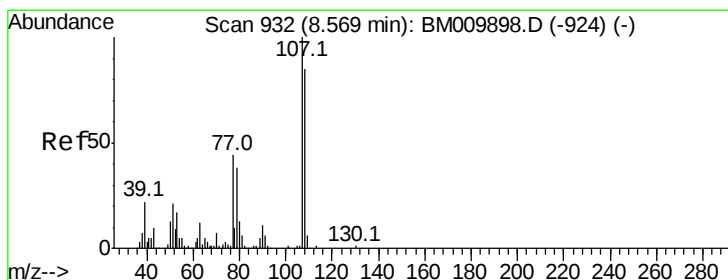
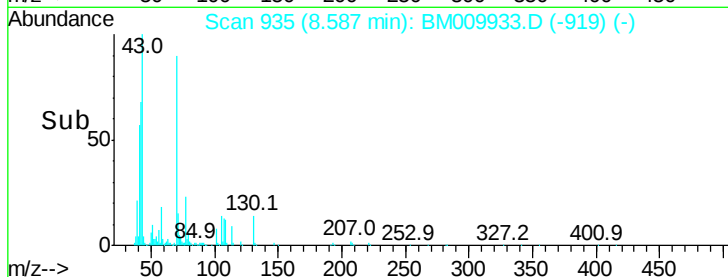
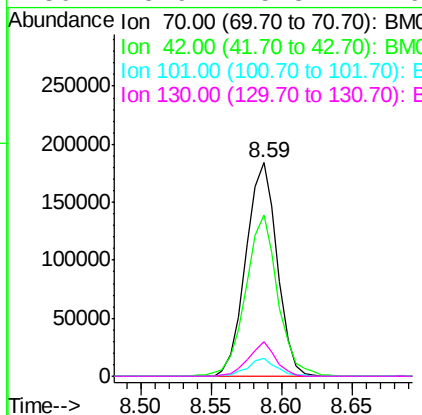
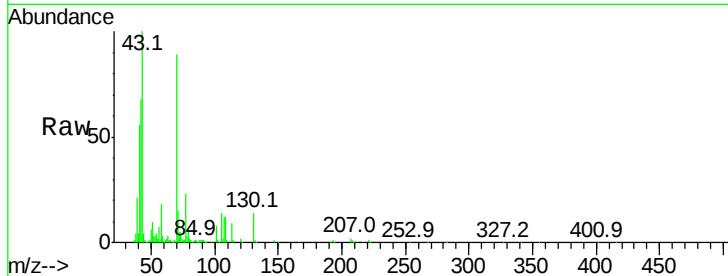




#19
n-Nitroso-di-n-propylamine
Concen: 36.67 ng
RT: 8.59 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

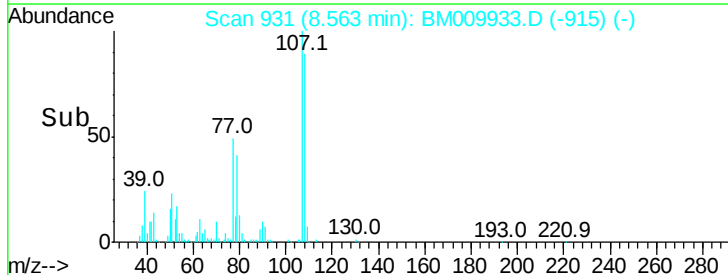
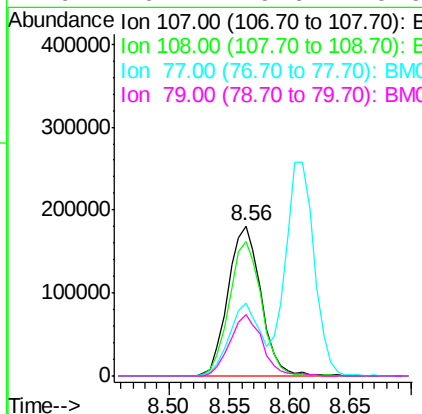
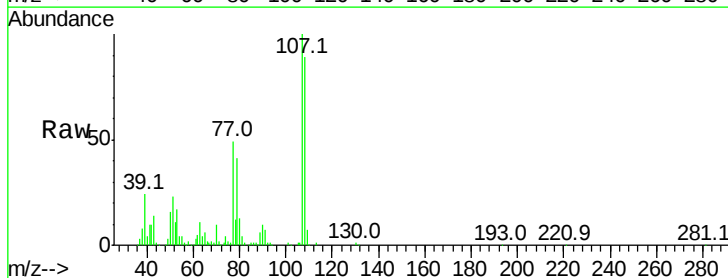
Instrument :
BNA_M
ClientSampleId :

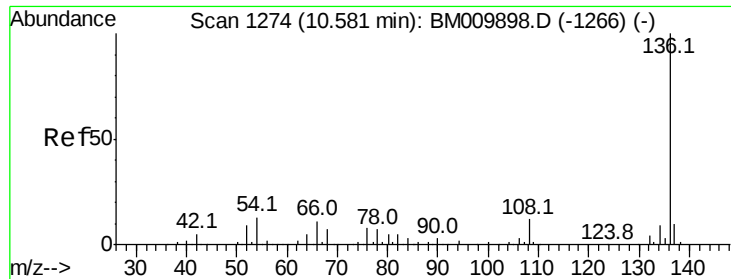
Tot Ion:	70	Resp:	285870
Ion	Ratio	Lower	Upper
70	100		
42	75.8	44.5	66.7#
101	8.6	7.4	11.2
130	15.9	15.3	22.9



#20
3+4-Methylphenols
Concen: 41.30 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion:	107	Resp:	344009
Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.2	113.2
77	48.6	10.7	50.7
79	40.7	9.6	49.6

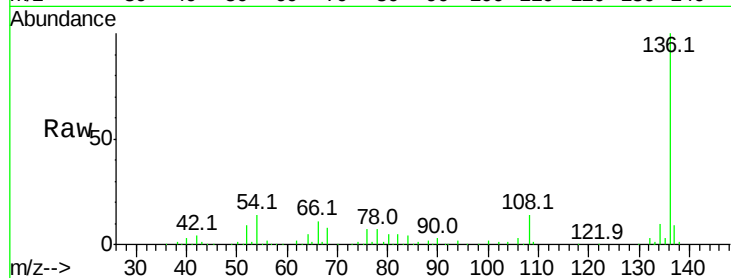




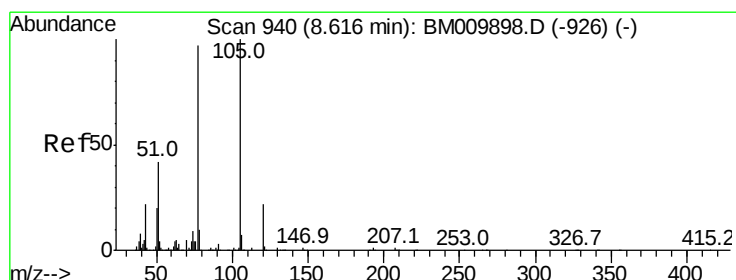
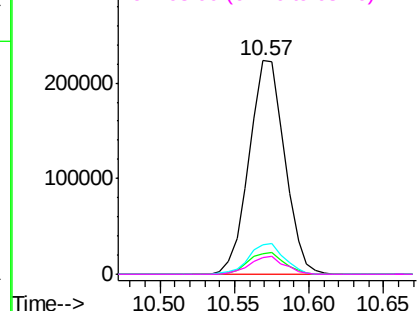
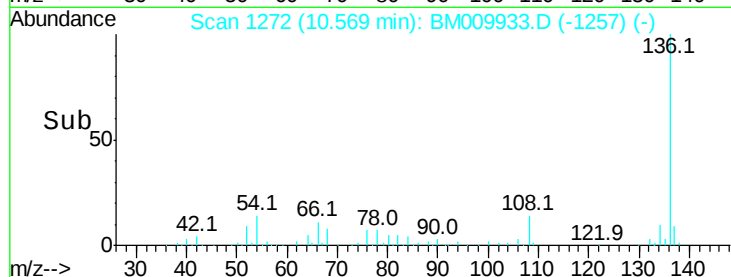
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	367693
Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.7	13.1
54	14.0	4.6	6.8#
68	8.0	3.7	5.5#

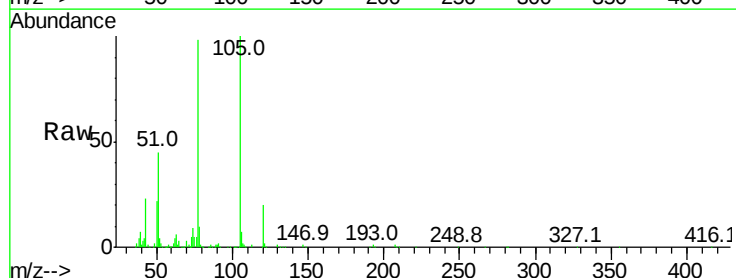


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

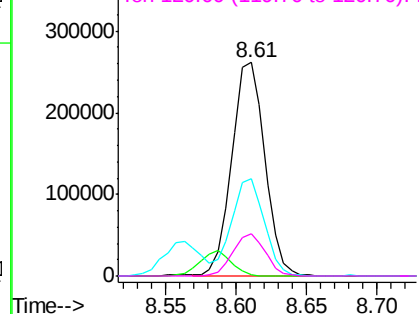
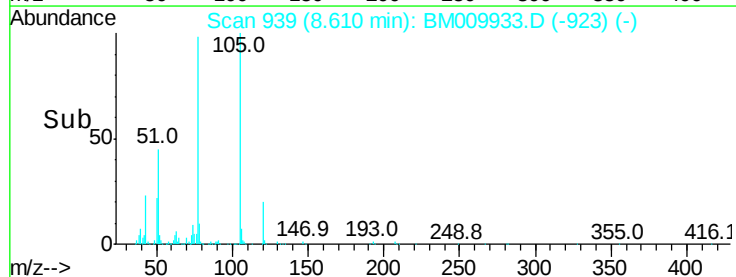


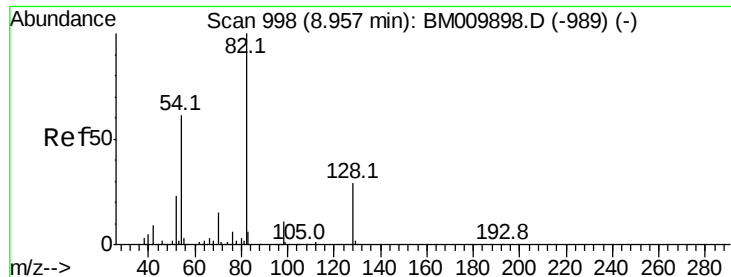
#22
Acetophenone
Concen: 37.09 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion:	105	Resp:	426701
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	45.3	21.6	32.4#
120	20.0	16.1	24.1



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

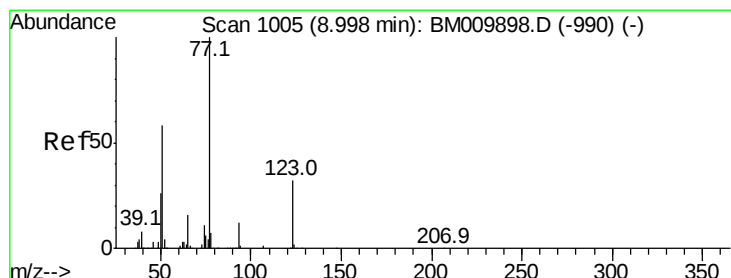
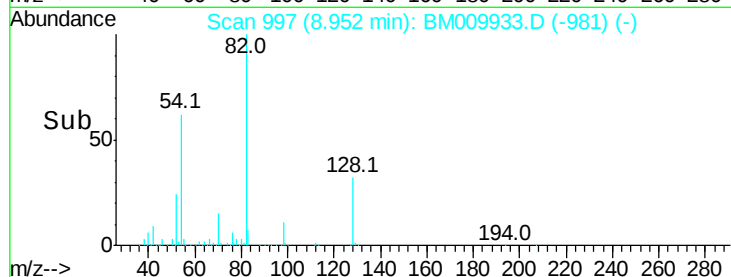
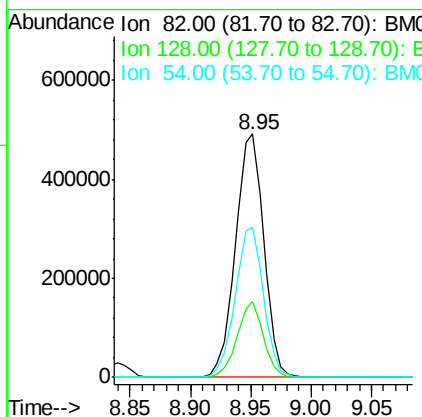
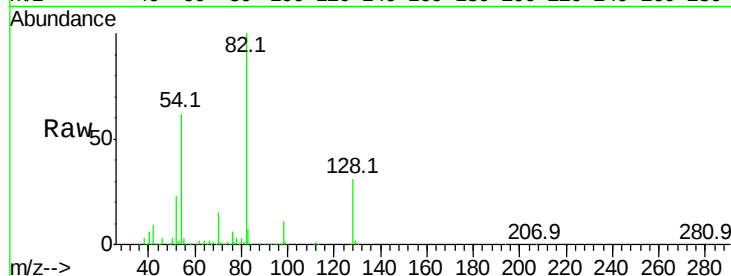




#23
Nitrobenzene-d5
Concen: 79.37 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

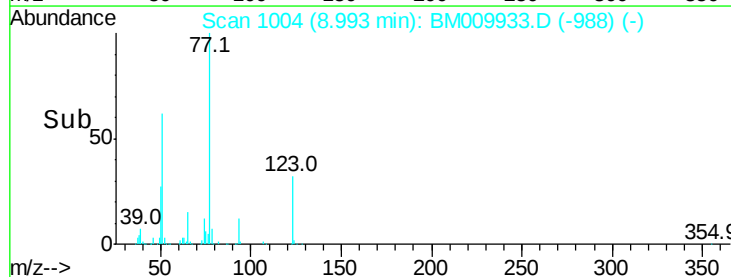
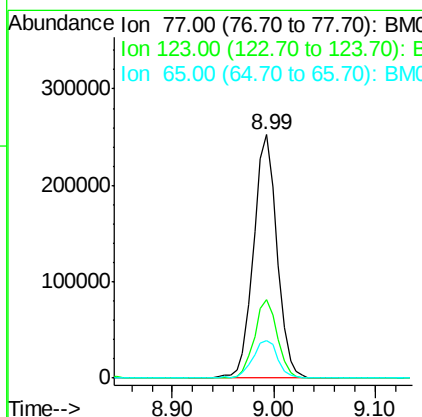
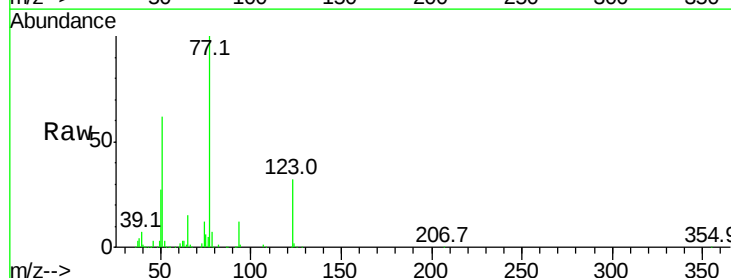
Instrument :
BNA_M
ClientSampleId :

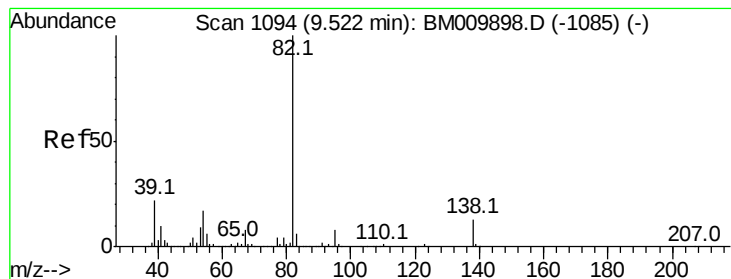
Tot Ion	82	Resp	806474
Ion Ratio	100	Lower	Upper
128	31.3	32.8	49.2#
54	61.9	40.6	60.8#



#24
Nitrobenzene
Concen: 38.54 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion	77	Resp	406459
Ion Ratio	100	Lower	Upper
123	32.3	32.6	49.0#
65	15.3	10.9	16.3





#25

Isophorone

Concen: 39.61 ng

RT: 9.51 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

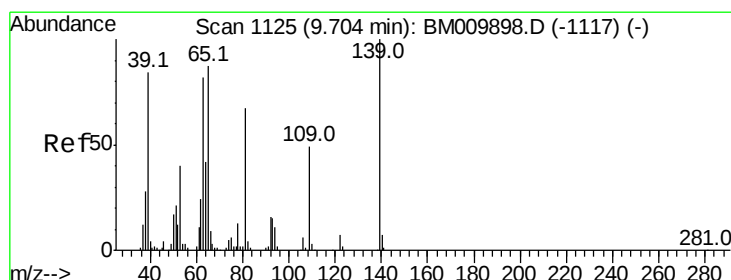
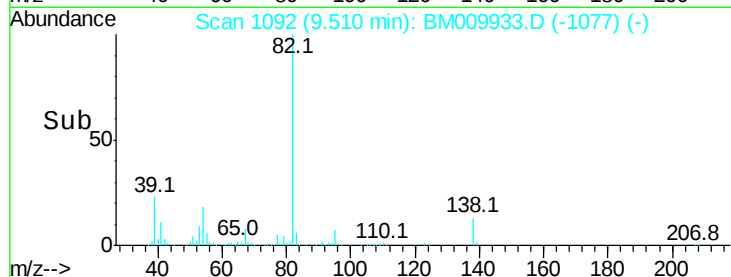
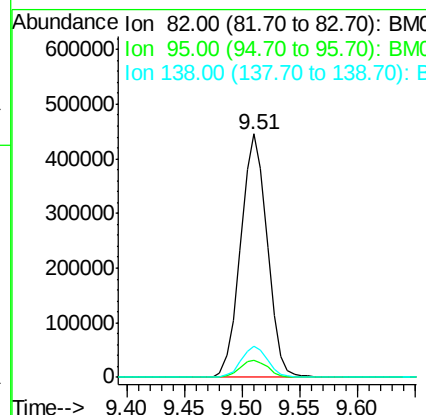
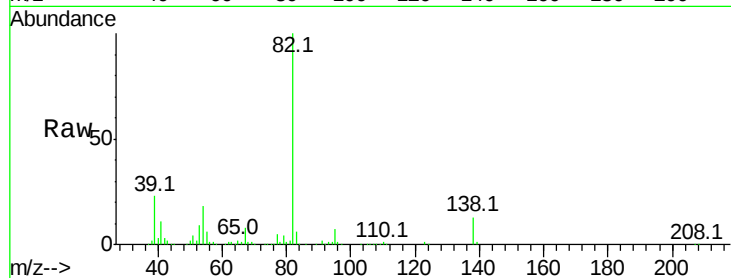
Tot Ion: 82 Resp: 710003

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 12.5 16.3 24.5#



#26

2-Nitrophenol

Concen: 39.23 ng

RT: 9.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

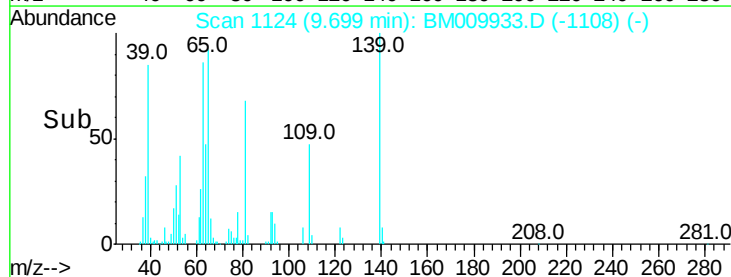
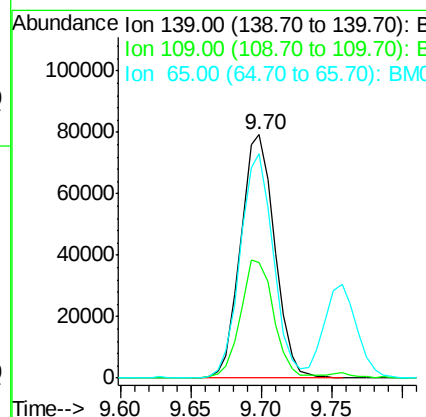
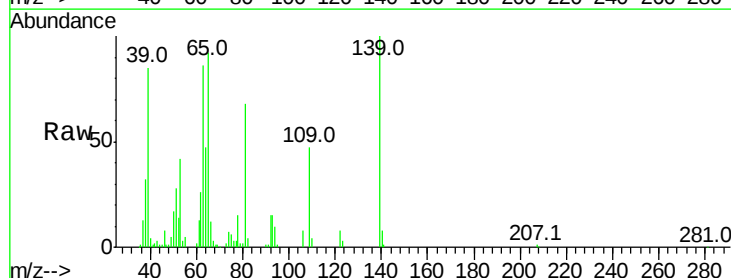
Tgt Ion: 139 Resp: 133825

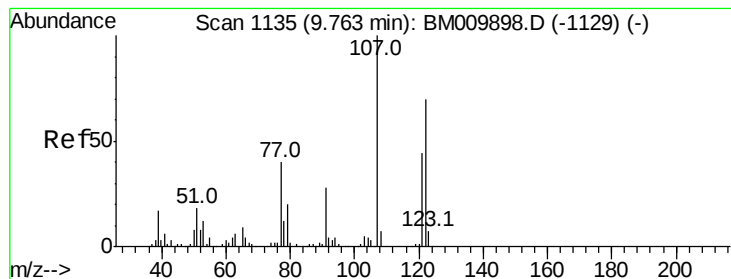
Ion Ratio Lower Upper

139 100

109 47.3 20.1 30.1#

65 92.2 31.5 47.3#

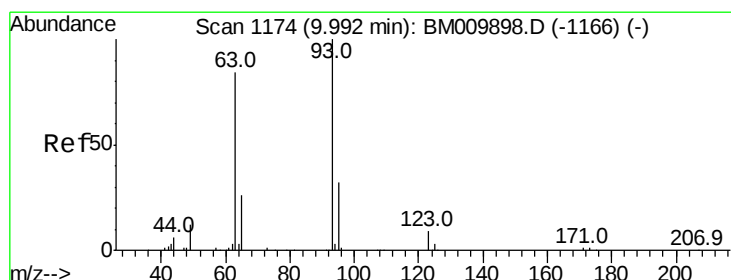
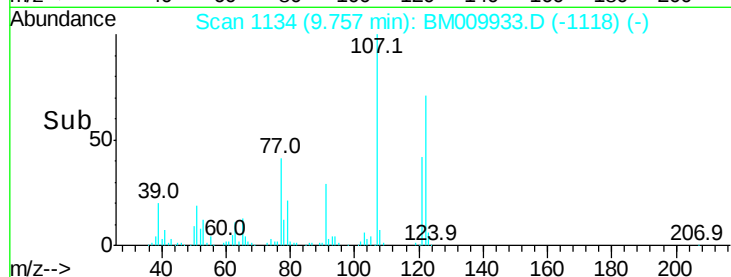
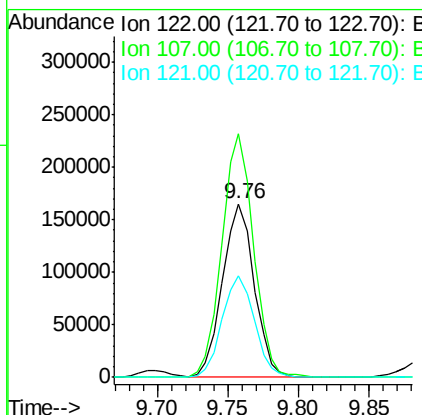
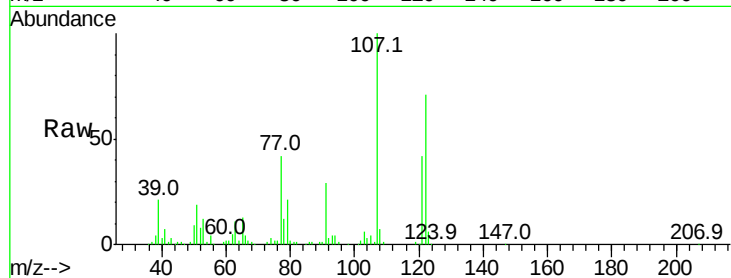




#27
2,4-Dimethylphenol
Concen: 42.07 ng
RT: 9.76 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

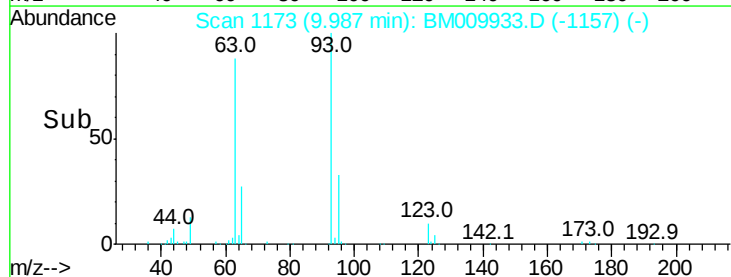
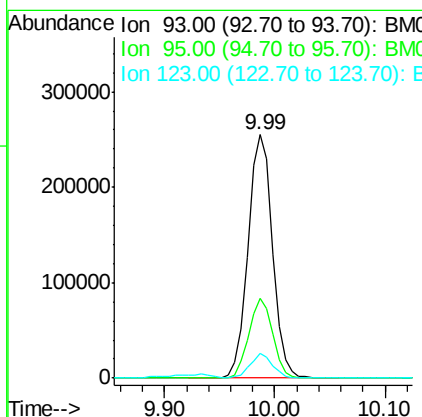
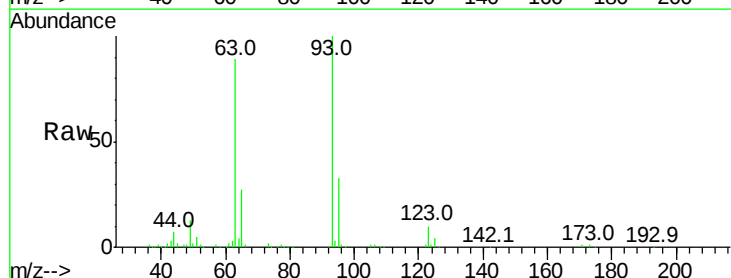
Instrument :
BNA_M
ClientSampleId :

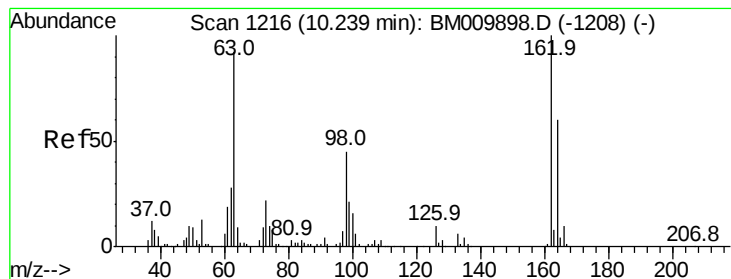
Tot Ion:122 Resp: 258227
Ion Ratio Lower Upper
122 100
107 140.3 84.7 127.1#
121 58.4 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.02 ng
RT: 9.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion: 93 Resp: 396581
Ion Ratio Lower Upper
93 100
95 33.0 25.5 38.3
123 10.2 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 43.85 ng

RT: 10.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

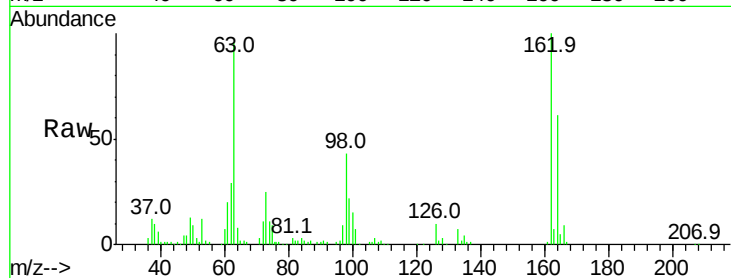
Tot Ion:162 Resp: 258020

Ion Ratio Lower Upper

162 100

164 60.6 42.8 82.8

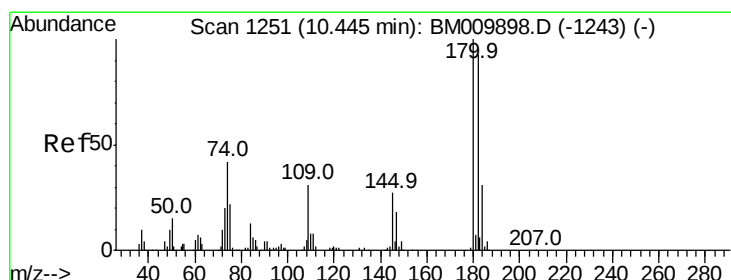
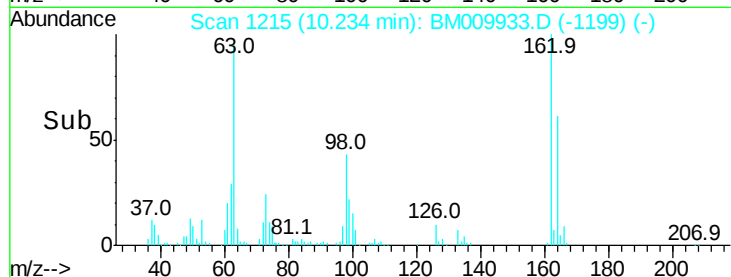
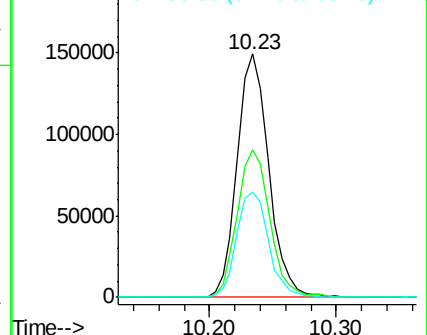
98 43.4 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 36.69 ng

RT: 10.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

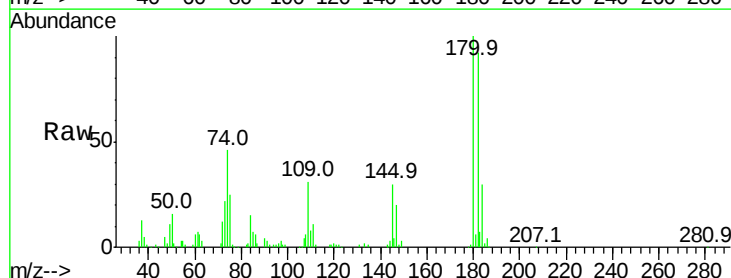
Tgt Ion:180 Resp: 252357

Ion Ratio Lower Upper

180 100

182 91.8 77.6 116.4

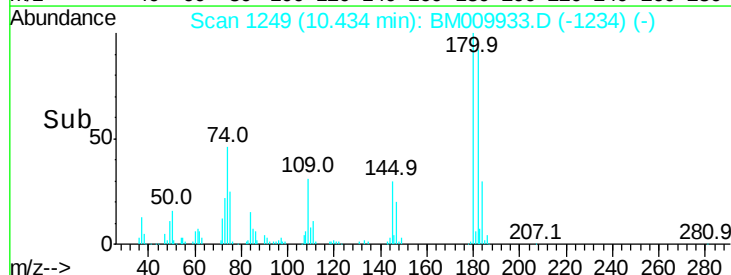
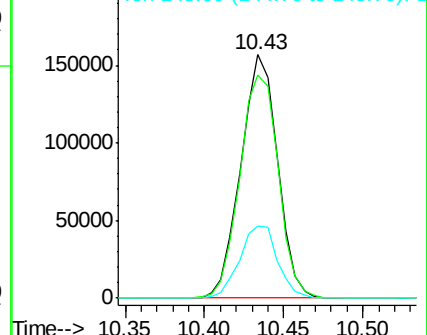
145 29.9 23.4 35.2

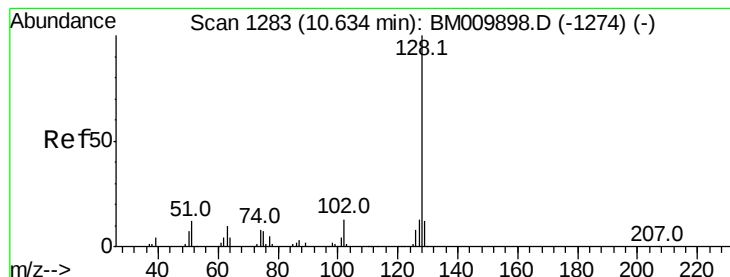


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.77 ng

RT: 10.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

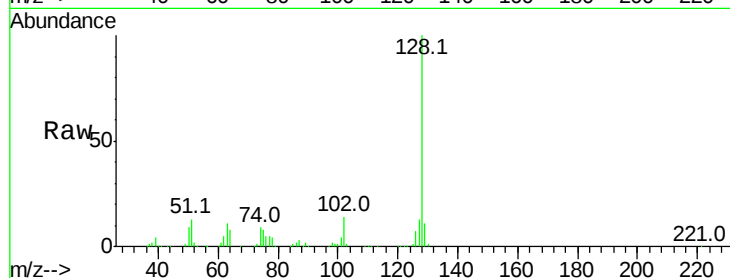
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 743519

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.9	10.4	15.6

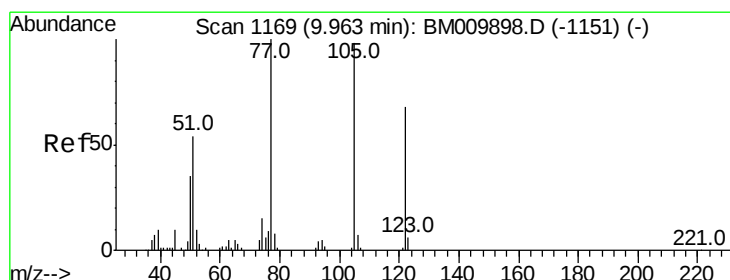
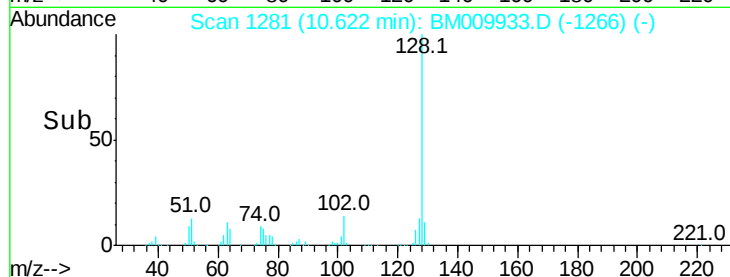
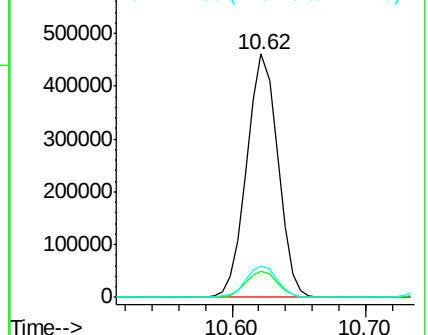


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.56 ng

RT: 9.94 min Scan# 1165

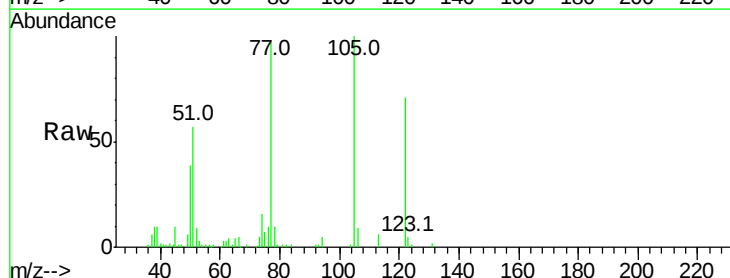
Delta R.T. -0.02 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Tgt Ion:122 Resp: 151389

Ion	Ratio	Lower	Upper
122	100		
105	141.3	99.9	139.9#
77	137.4	73.7	113.7#

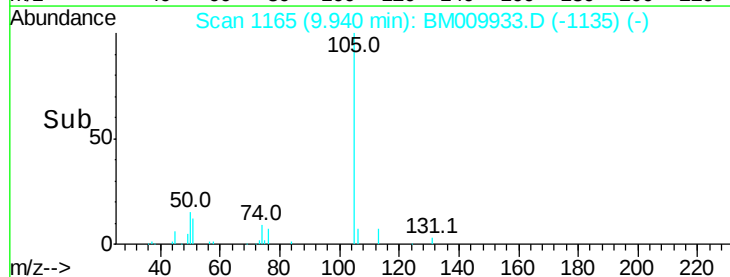
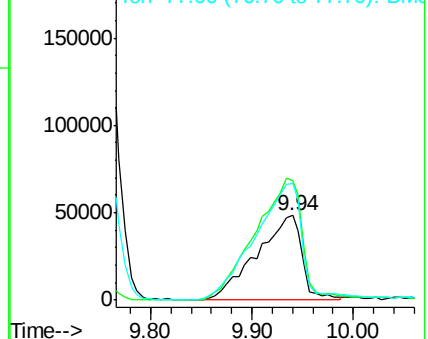


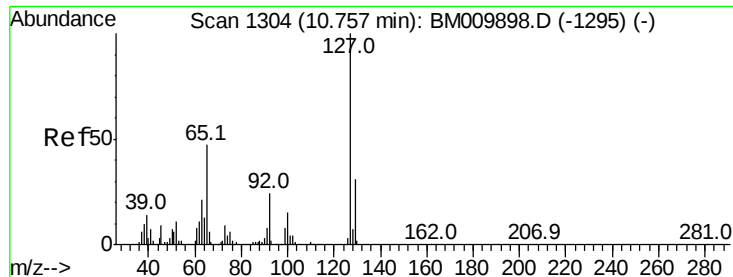
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

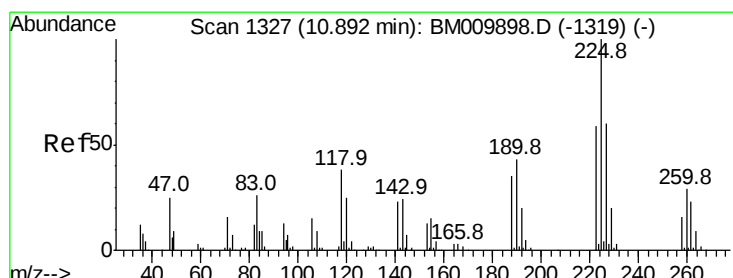
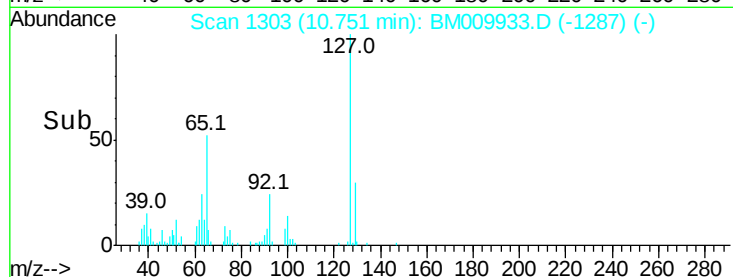
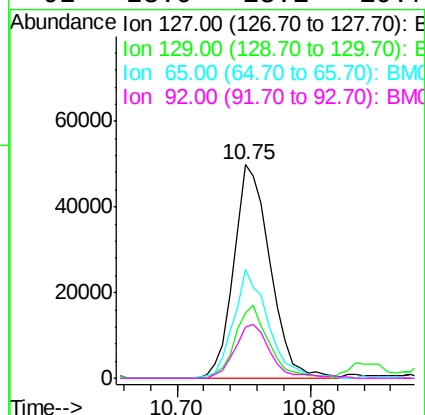
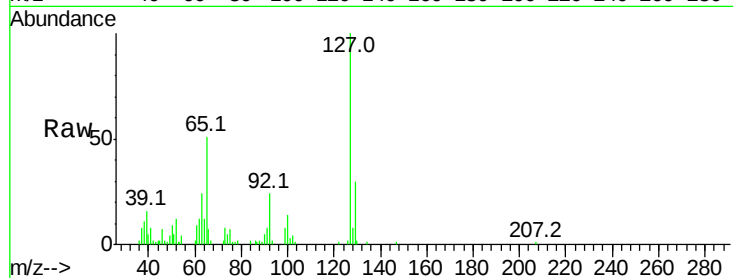




#33
4-Chloroaniline
Concen: 11.11 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

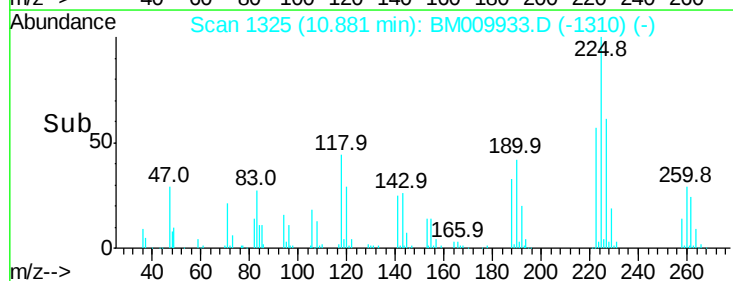
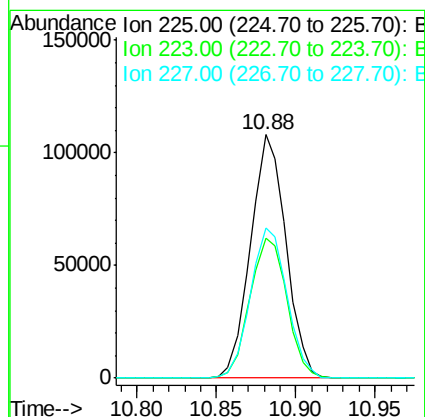
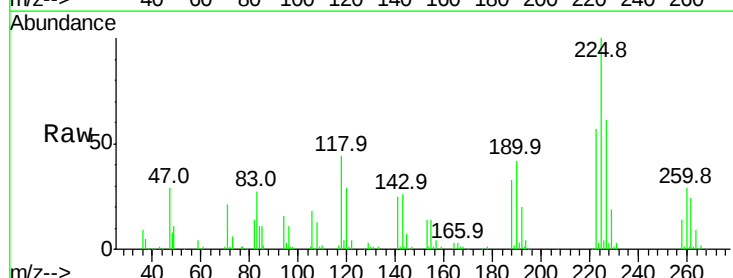
Instrument :
BNA_M
ClientSampleId :

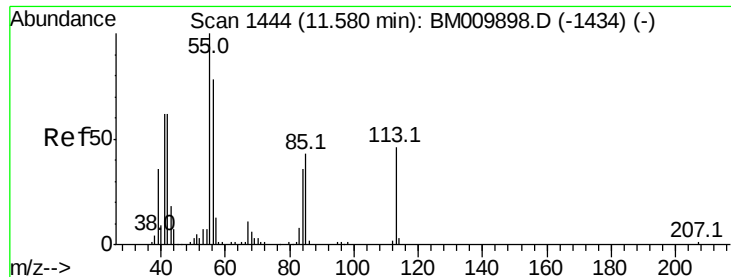
Tot Ion:	127	Resp:	94744
Ion	Ratio	Lower	Upper
127	100		
129	30.3	25.3	37.9
65	51.2	17.6	26.4
92	23.9	13.1	19.7



#34
Hexachlorobutadiene
Concen: 35.11 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion:	225	Resp:	168034
Ion	Ratio	Lower	Upper
225	100		
223	57.3	47.9	71.9
227	61.5	50.1	75.1





#35

Caprolactam

Concen: 33.16 ng

RT: 11.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

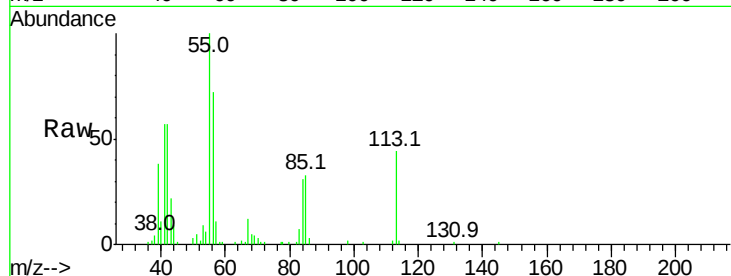
Tot Ion:113 Resp: 74424

Ion Ratio Lower Upper

113 100

55 229.6 145.9 185.9#

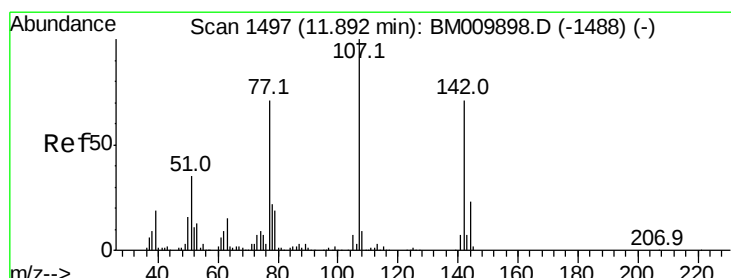
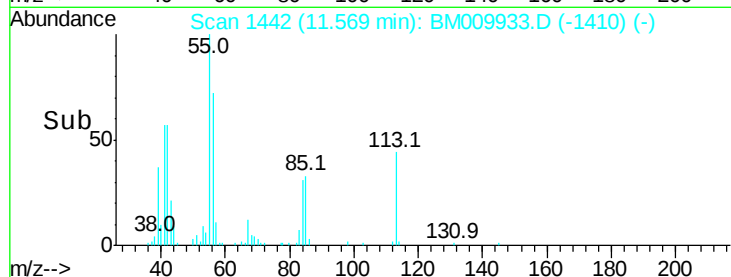
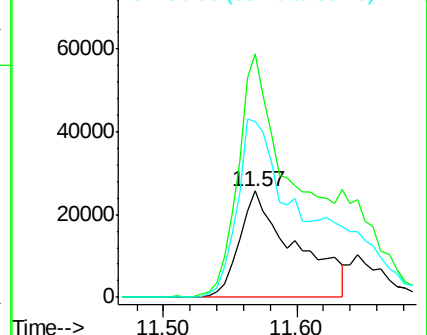
56 165.9 101.0 141.0#



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: 40.75 ng

RT: 11.89 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

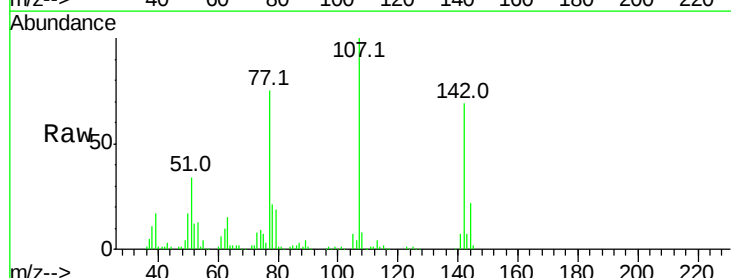
Tgt Ion:107 Resp: 325671

Ion Ratio Lower Upper

107 100

144 21.9 23.3 34.9#

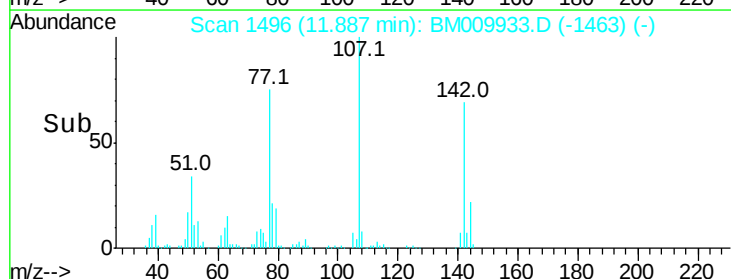
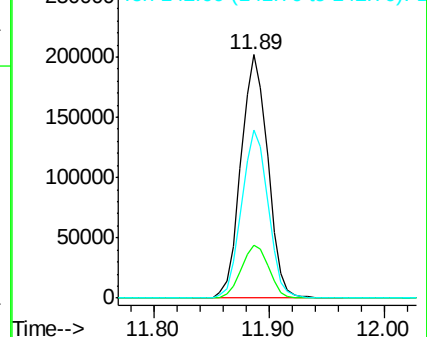
142 69.2 72.6 109.0#

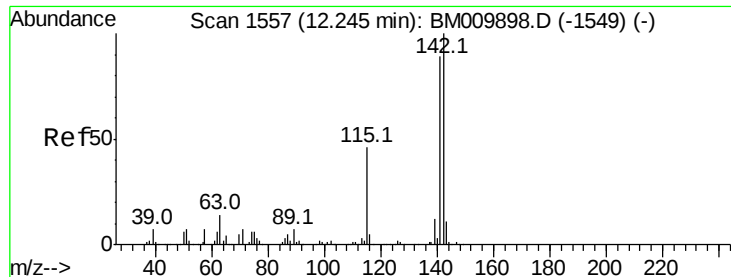


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

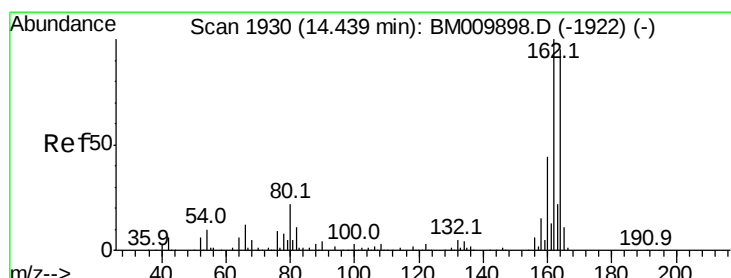
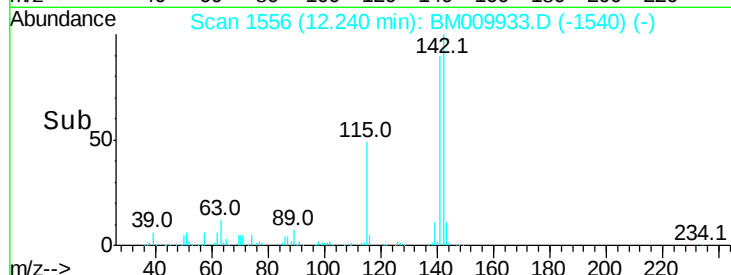
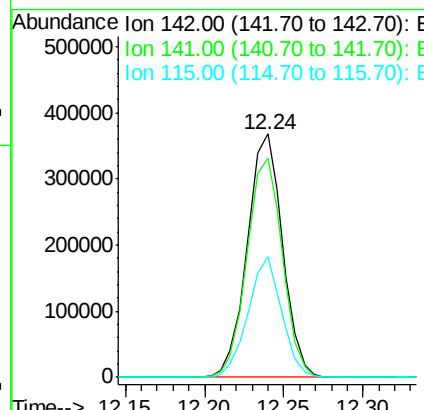
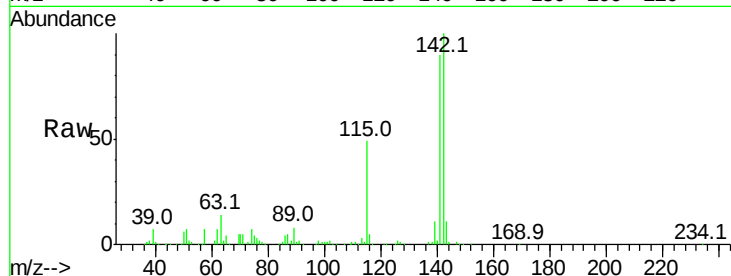




#37
2-Methylnaphthalene
Concen: 39.73 ng
RT: 12.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

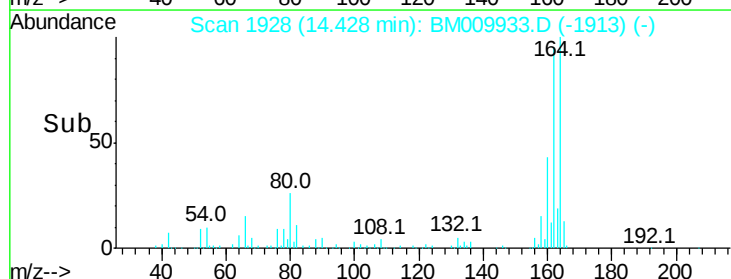
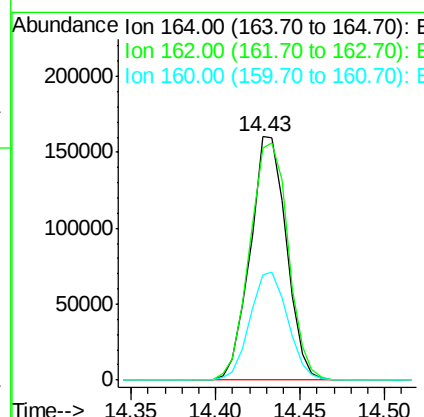
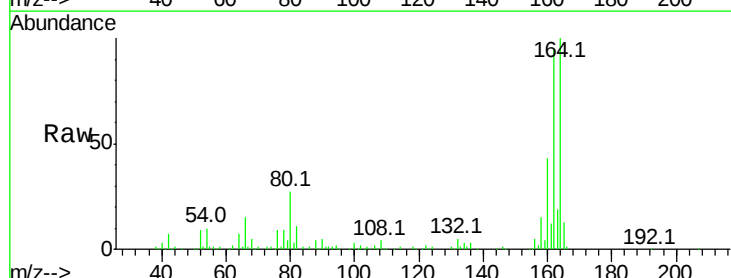
Instrument :
BNA_M
ClientSampled :

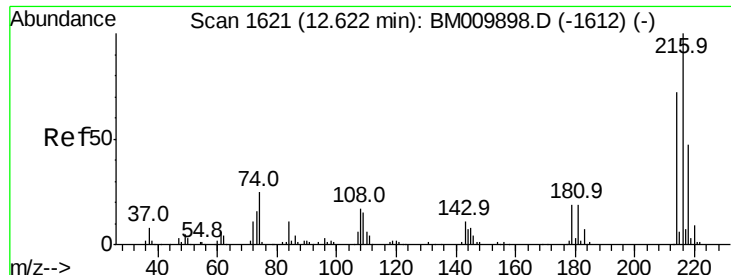
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	49.4	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.1	82.4	123.6
160	43.3	35.8	53.6

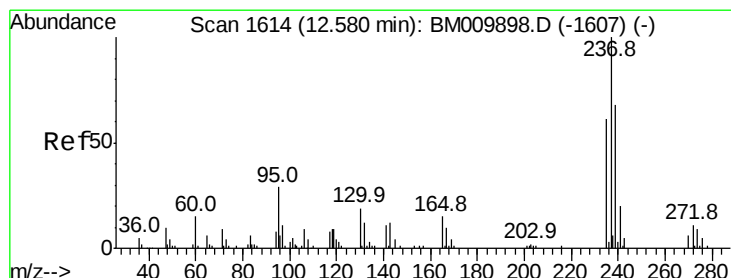
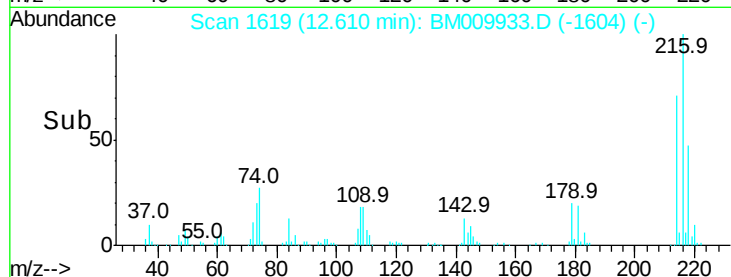
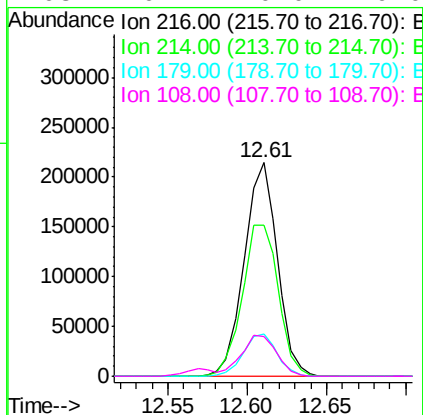
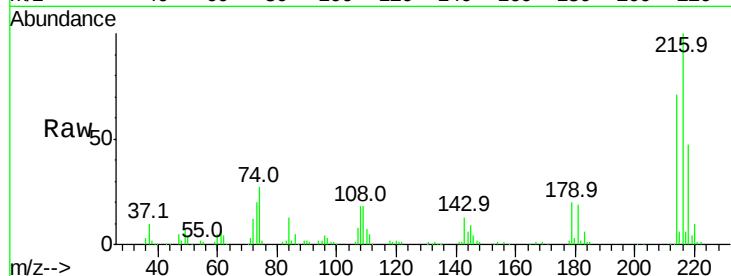




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.19 ng
 RT: 12.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BM009933.D
 Acq: 06 May 2017 10:01

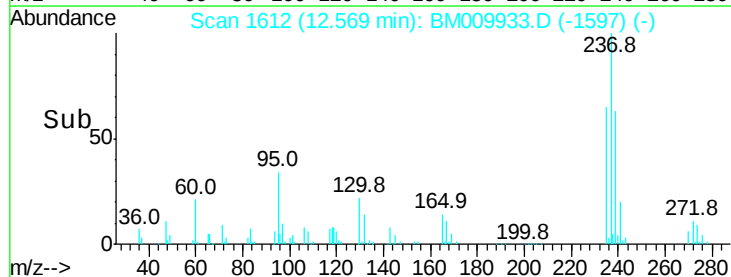
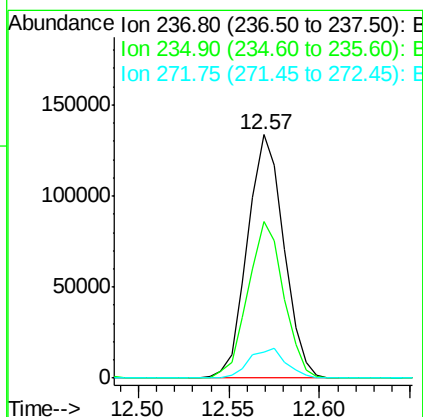
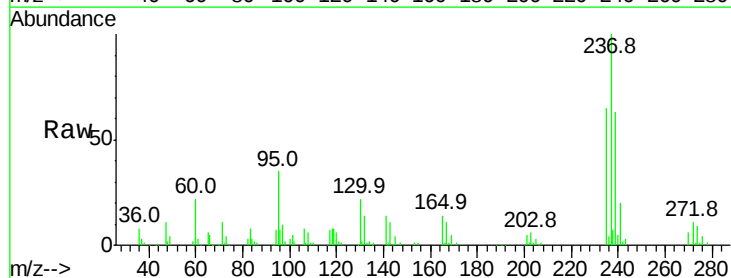
Instrument :
 BNA_M
 ClientSampleId :

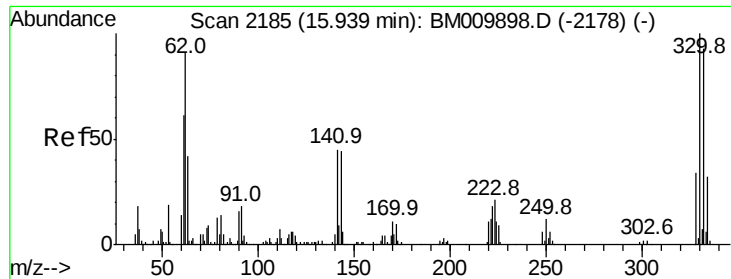
Tot Ion:	216	Resp:	310969
Ion	Ratio	Lower	Upper
216	100		
214	77.5	0.0	0.0#
179	20.4	0.0	0.0#
108	20.7	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 71.72 ng
 RT: 12.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BM009933.D
 Acq: 06 May 2017 10:01

Tgt Ion:	237	Resp:	186622
Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.0	82.0
272	10.8	0.0	33.4

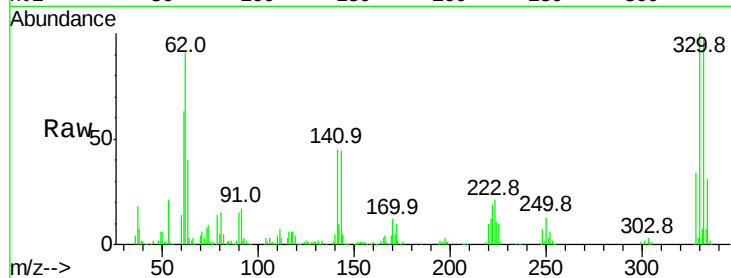




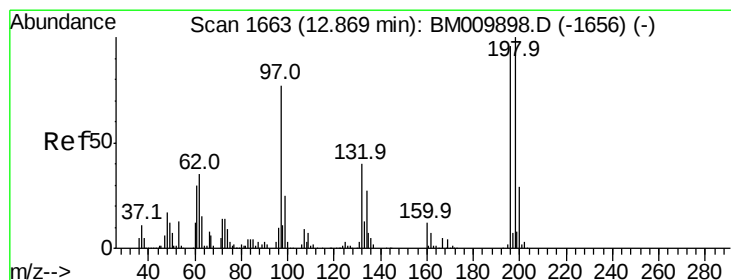
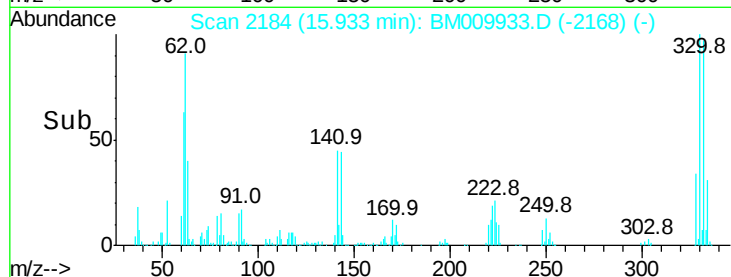
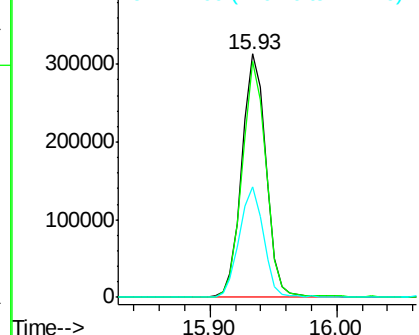
#41
 2,4,6-Tribromophenol
 Concen: 127.01 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009933.D
 Acq: 06 May 2017 10:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	45.4	0.0	0.0#

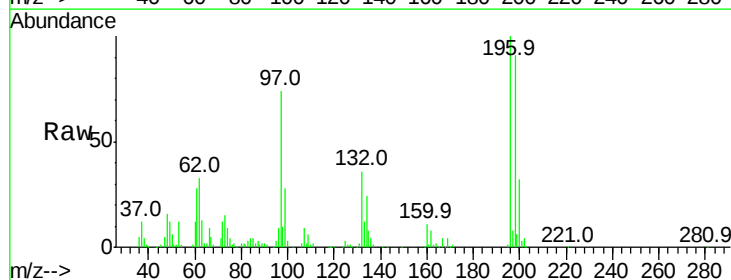


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

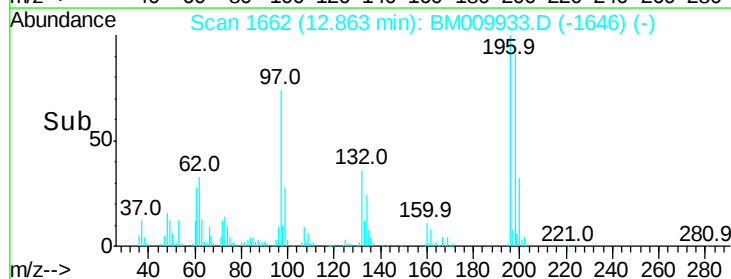
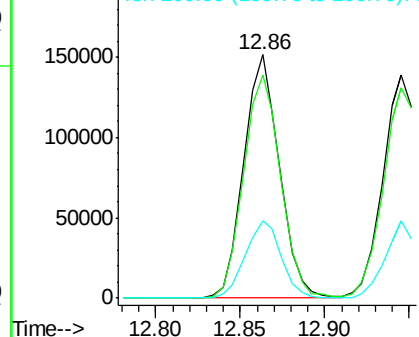


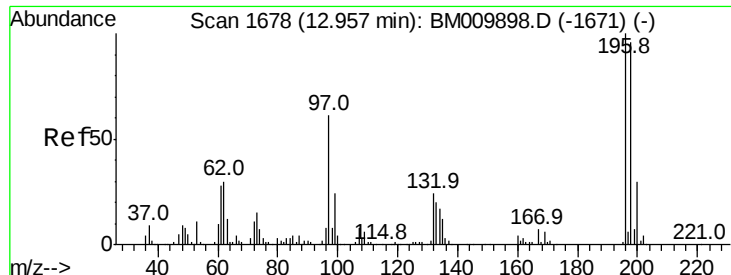
#42
 2,4,6-Trichlorophenol
 Concen: 40.18 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BM009933.D
 Acq: 06 May 2017 10:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.4	76.3	114.5
200	31.5	25.6	38.4



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

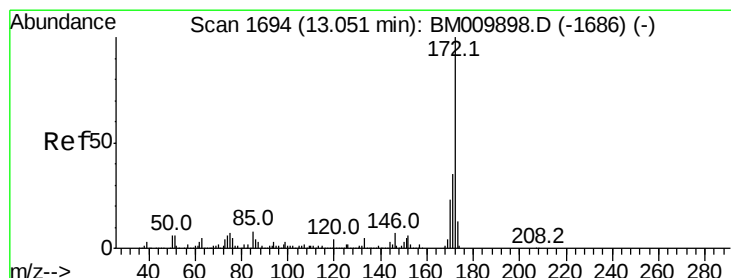
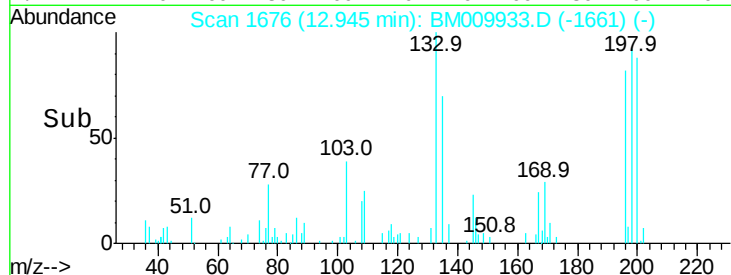
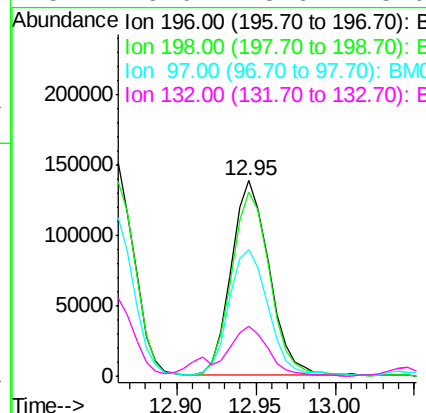
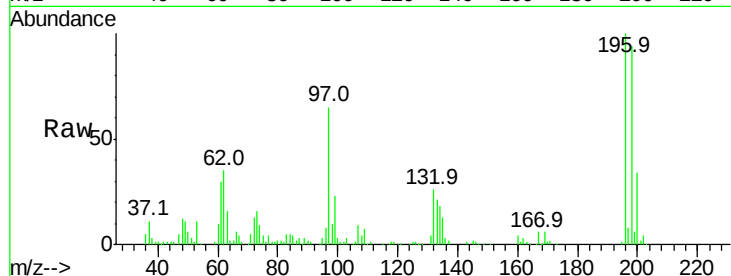




#43
2,4,5-Trichlorophenol
Concen: 38.41 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

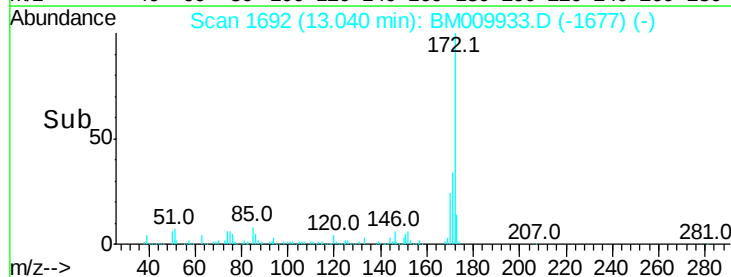
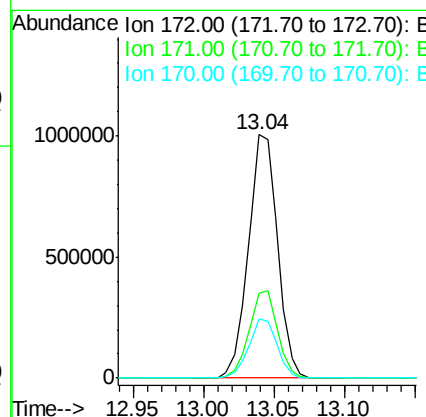
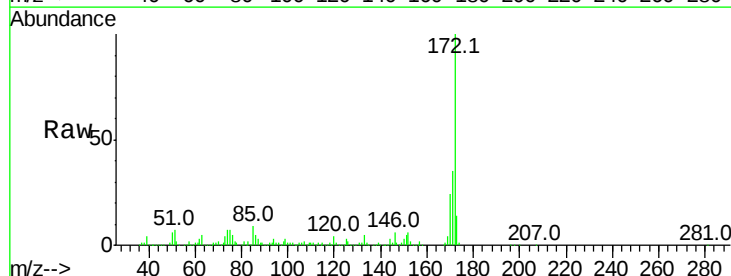
Instrument :
BNA_M
ClientSampled :

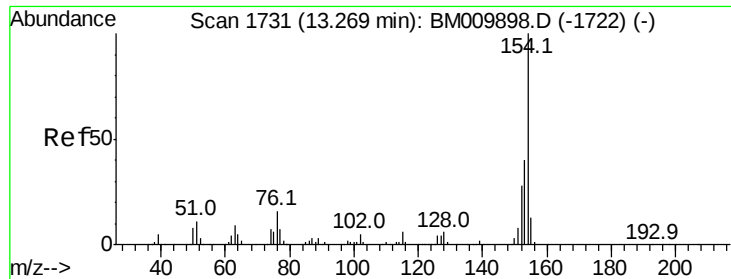
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	79.4	119.0
97	64.9	26.8	40.2
132	25.6	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 79.42 ng
RT: 13.04 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	24.3	18.8	28.2





#45

1,1'-Biphenyl

Concen: 37.32 ng

RT: 13.26 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

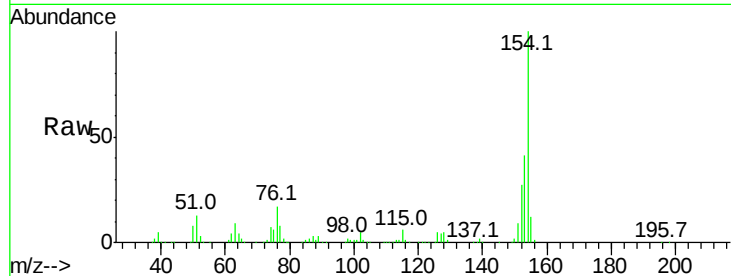
Tot Ion:154 Resp: 759095

Ion Ratio Lower Upper

154 100

153 40.7 20.7 60.7

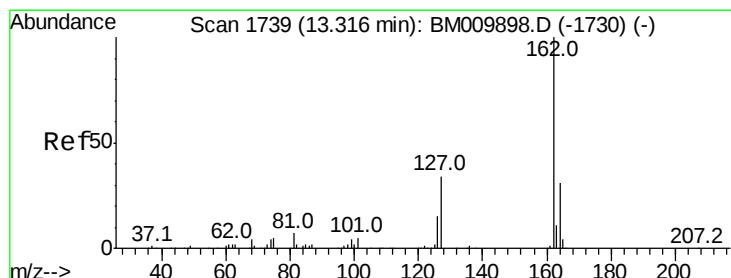
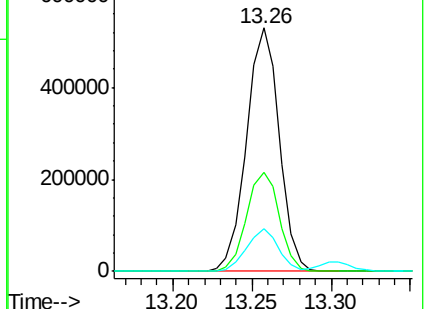
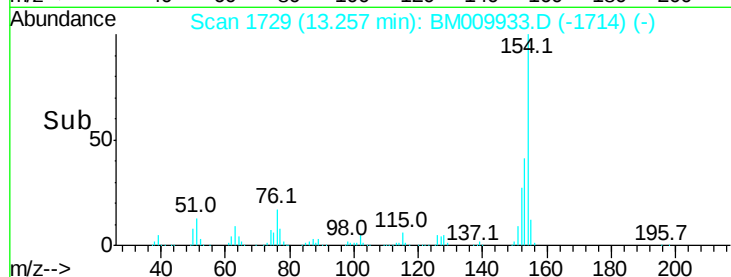
76 17.4 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 37.81 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

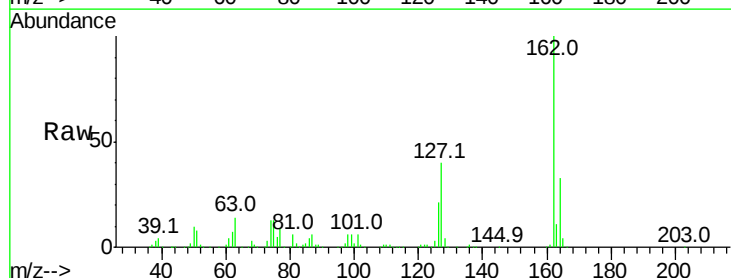
Tgt Ion:162 Resp: 607772

Ion Ratio Lower Upper

162 100

127 40.2 26.9 40.3

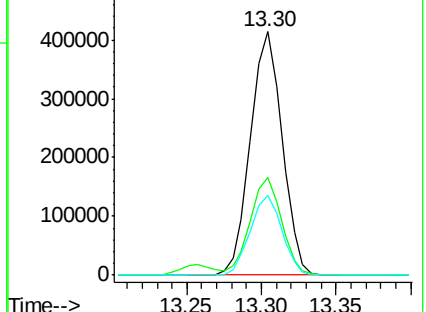
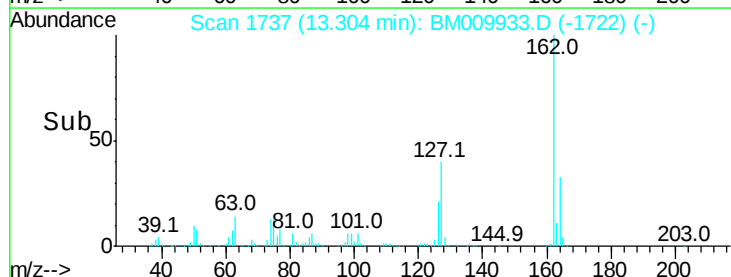
164 32.5 26.8 40.2

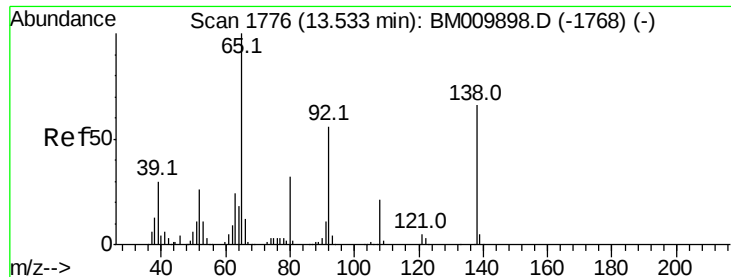


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

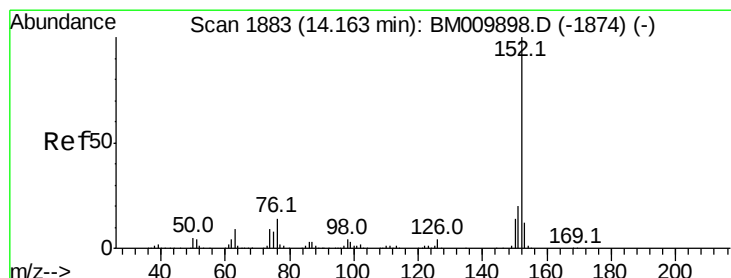
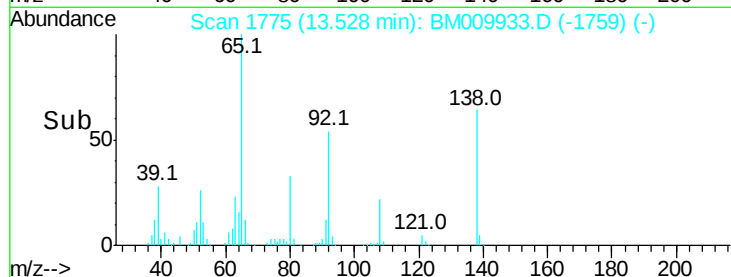
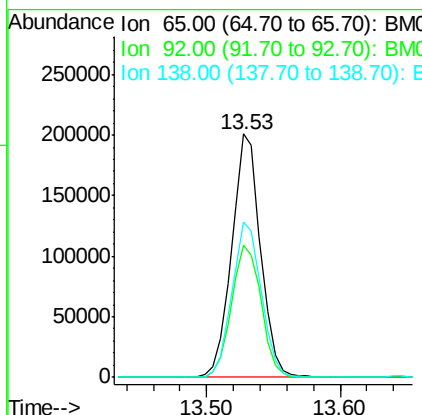
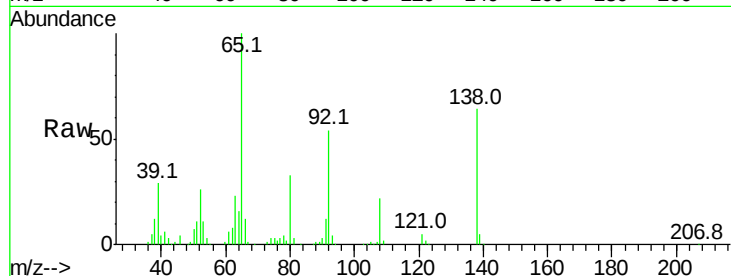




#47
2-Nitroaniline
Concen: 38.87 ng
RT: 13.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

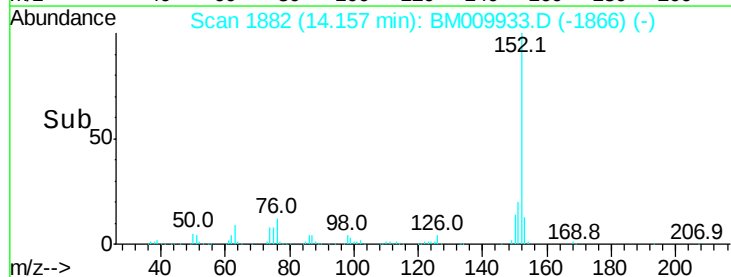
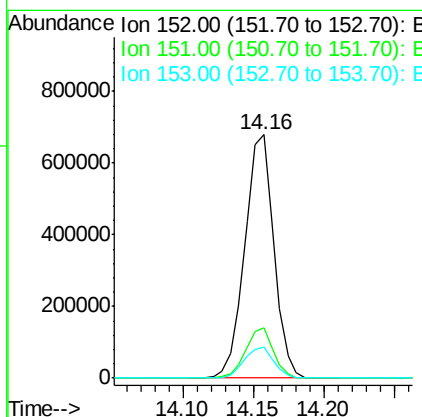
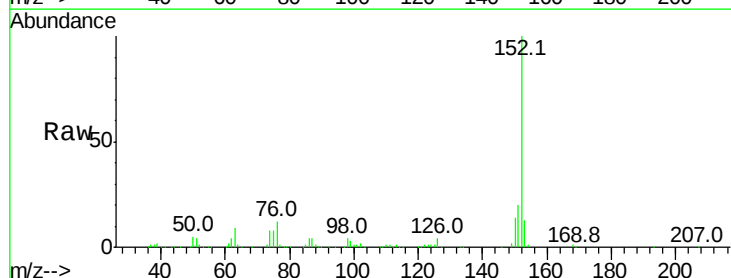
Instrument :
BNA_M
ClientSampleId :

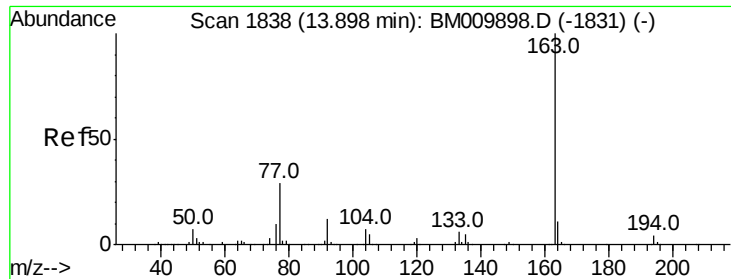
Tot Ion: 65 Resp: 301805
Ion Ratio Lower Upper
65 100
92 54.2 59.1 88.7#
138 64.0 93.9 140.9#



#48
Acenaphthylene
Concen: 38.96 ng
RT: 14.16 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion: 152 Resp: 983130
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 36.12 ng

RT: 13.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

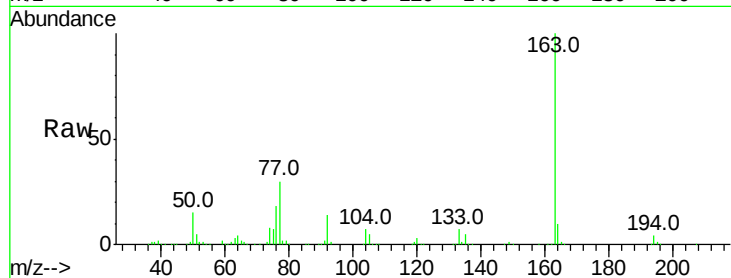
Tot Ion:163 Resp: 821930

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

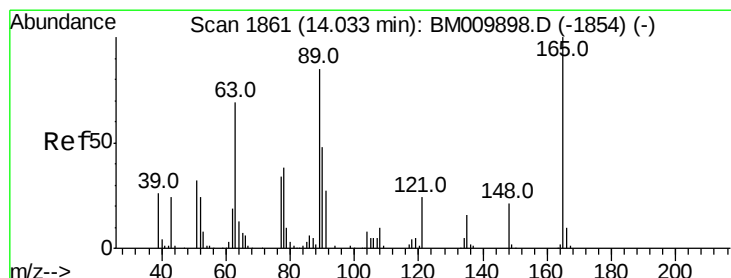
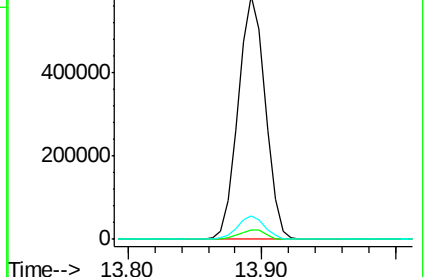
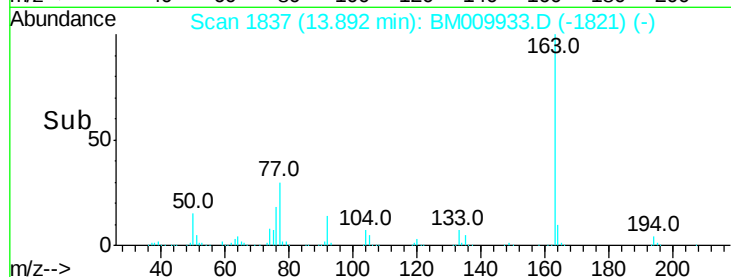
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.40 ng

RT: 14.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

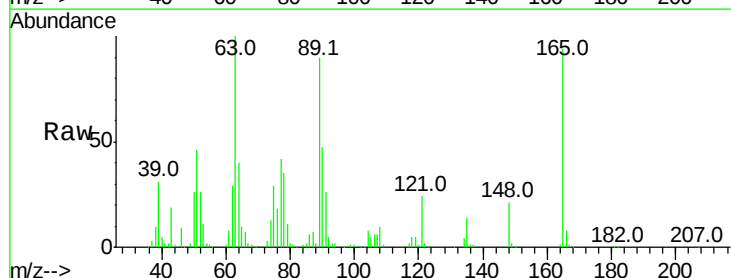
Tgt Ion:165 Resp: 174848

Ion Ratio Lower Upper

165 100

63 106.9 44.1 66.1#

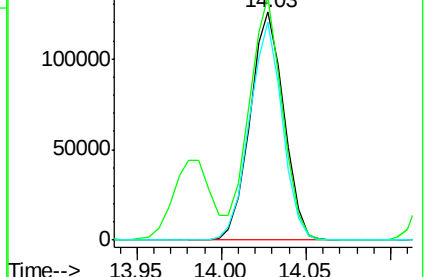
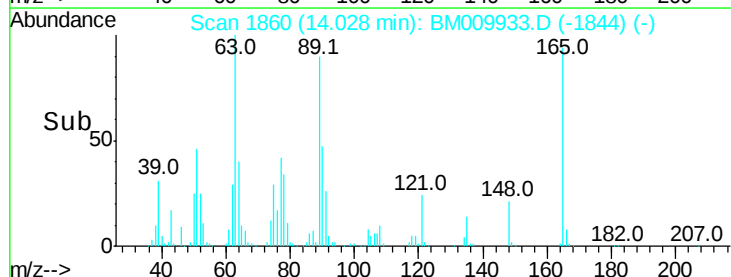
89 96.0 44.3 66.5#

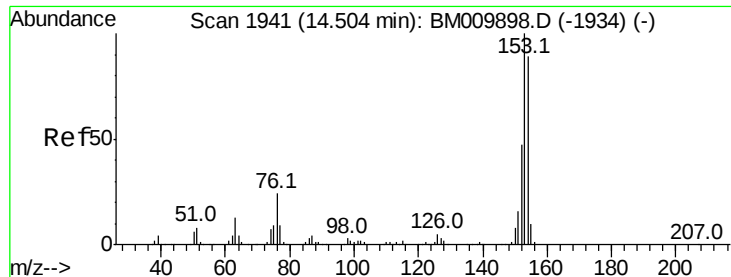


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 38.11 ng

RT: 14.50 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

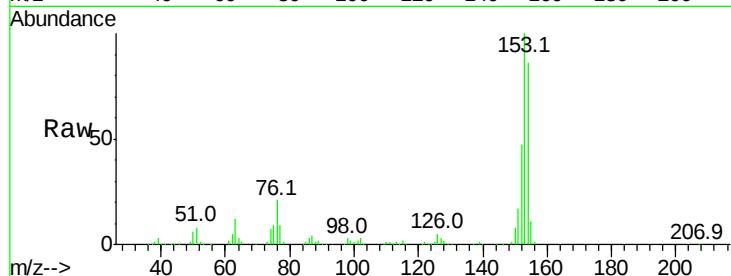
Tot Ion:154 Resp: 593380

Ion Ratio Lower Upper

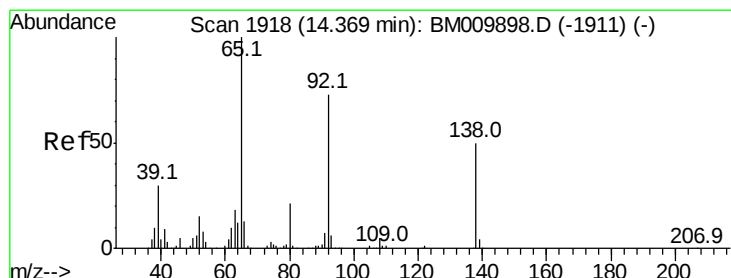
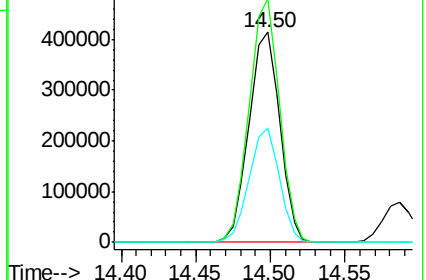
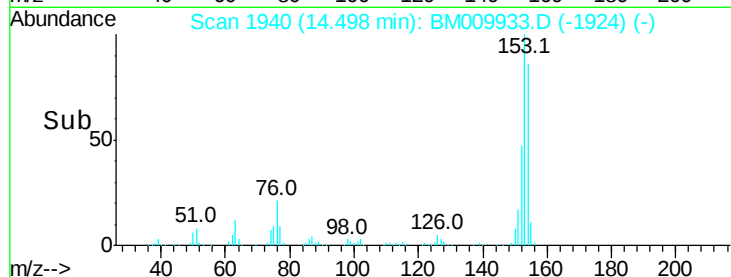
154 100

153 115.8 90.0 135.0

152 54.2 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: 18.01 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

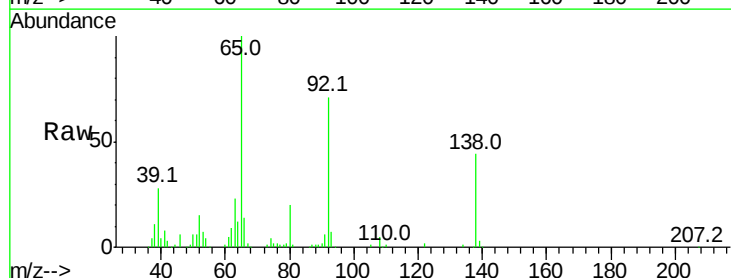
Tgt Ion:138 Resp: 86466

Ion Ratio Lower Upper

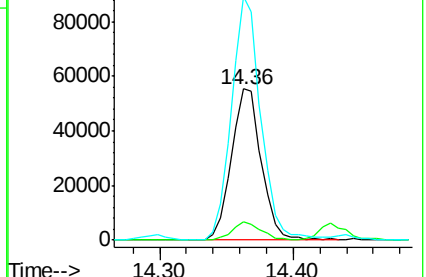
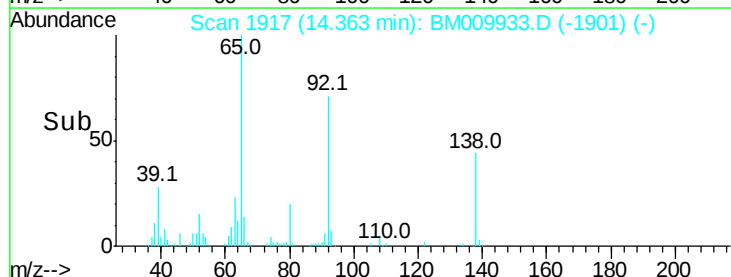
138 100

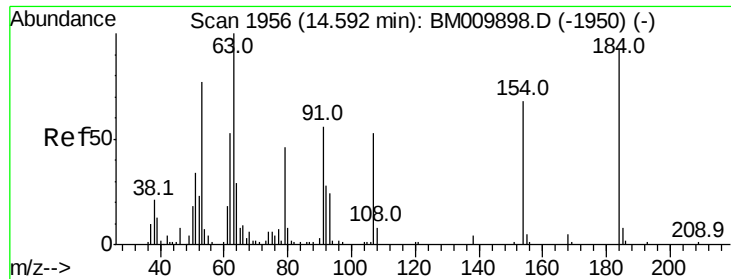
108 12.0 7.3 10.9#

92 161.4 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: 68.37 ng

RT: 14.59 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampled :

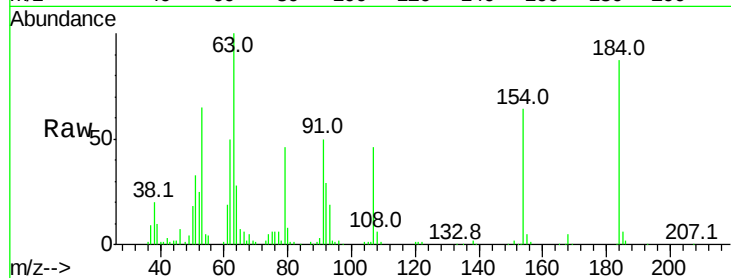
Tot Ion:184 Resp: 172156

Ion Ratio Lower Upper

184 100

63 114.8 69.2 103.8#

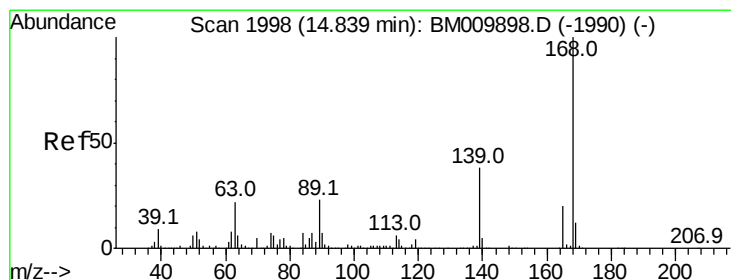
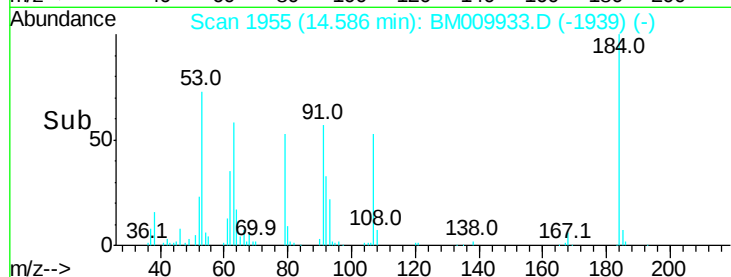
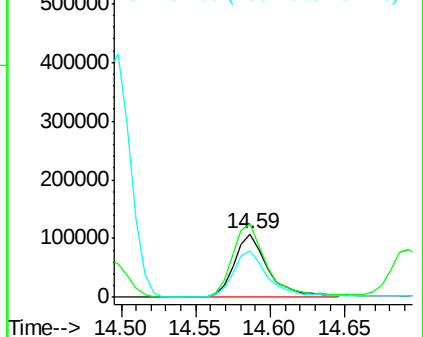
154 73.5 53.3 79.9



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: 41.38 ng

RT: 14.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

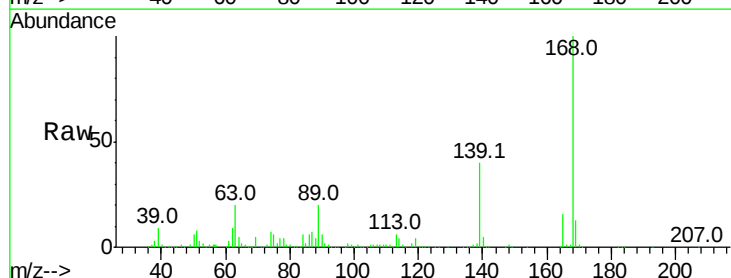
Tgt Ion:168 Resp: 985382

Ion Ratio Lower Upper

168 100

139 40.1 27.3 40.9

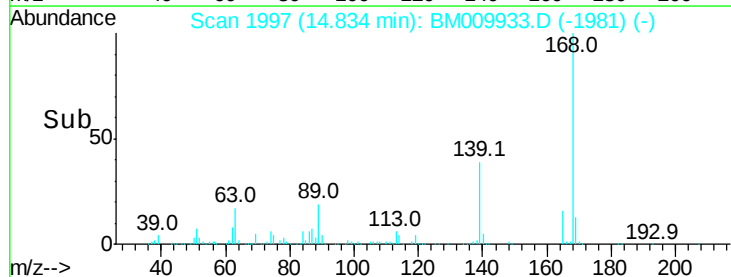
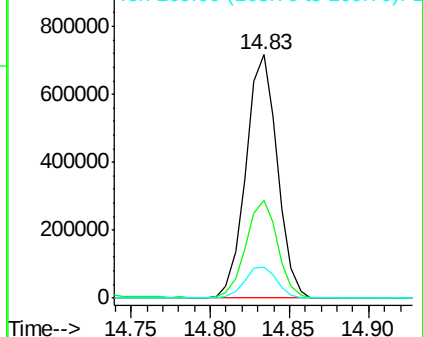
169 12.9 10.6 16.0

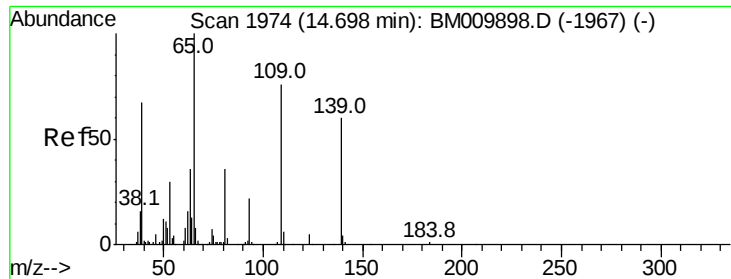


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

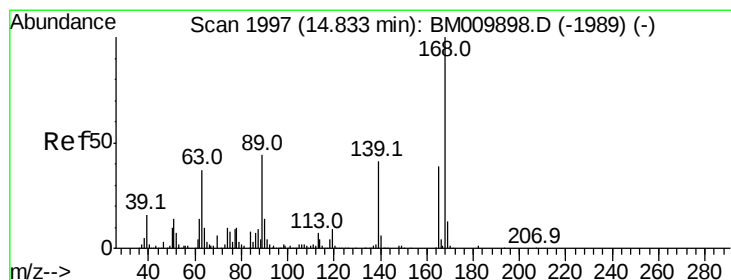
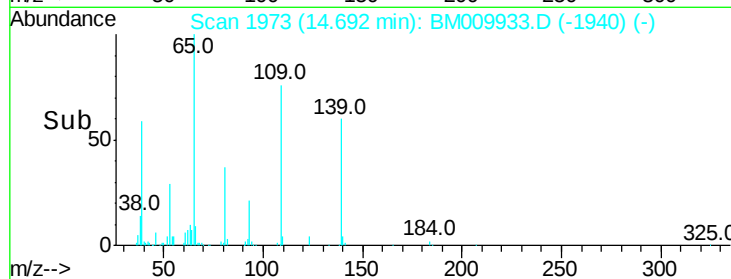
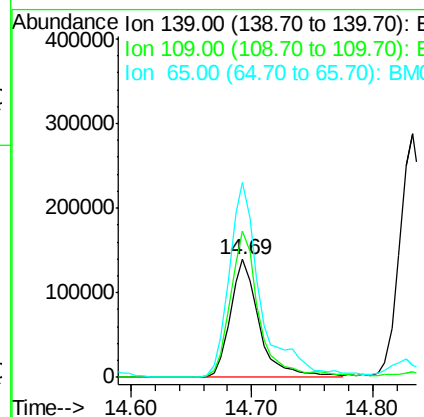
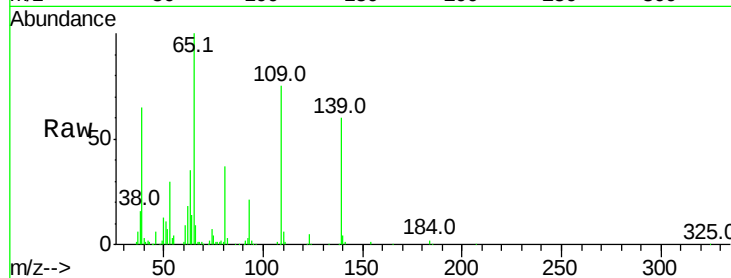




#55
4-Nitrophenol
Concen: 72.00 ng
RT: 14.69 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

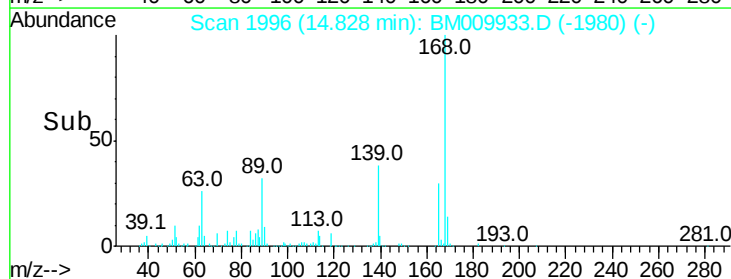
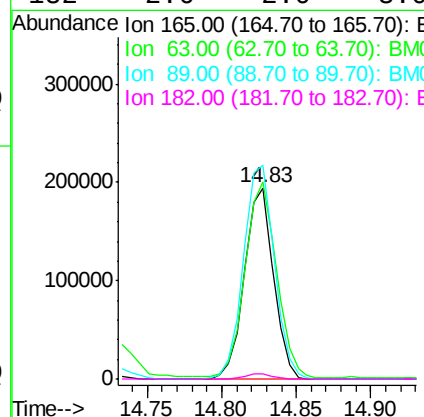
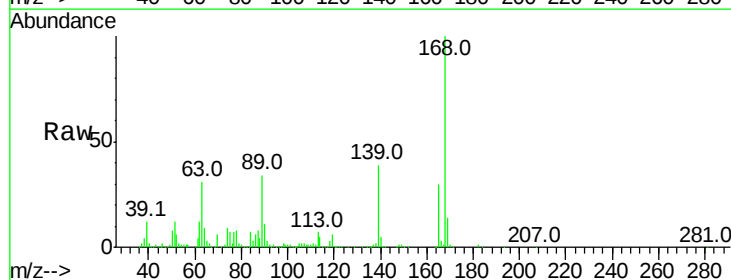
Instrument :
BNA_M
ClientSampled :

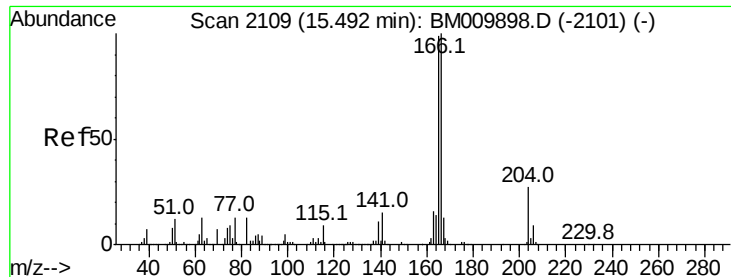
Tot Ion:139 Resp: 232272
Ion Ratio Lower Upper
139 100
109 124.0 37.7 77.7#
65 165.5 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 40.56 ng
RT: 14.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion:165 Resp: 261626
Ion Ratio Lower Upper
165 100
63 103.1 52.4 78.6#
89 111.8 72.4 108.6#
182 2.6 2.0 3.0





#57

Fluorene

Concen: 38.95 ng

RT: 15.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

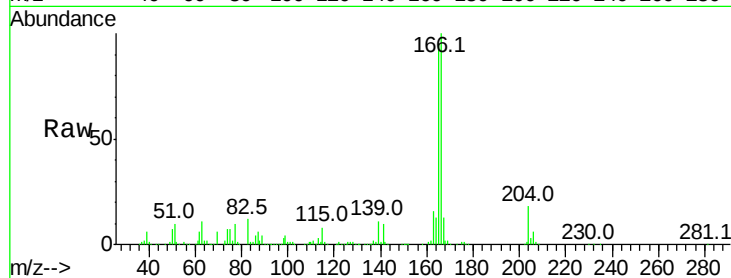
Tot Ion:166 Resp: 818320

Ion Ratio Lower Upper

166 100

165 95.4 79.0 118.4

167 12.9 10.3 15.5

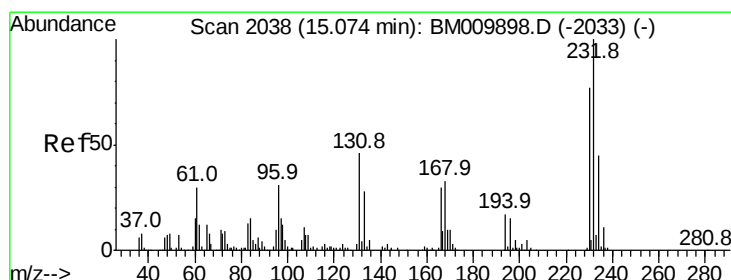
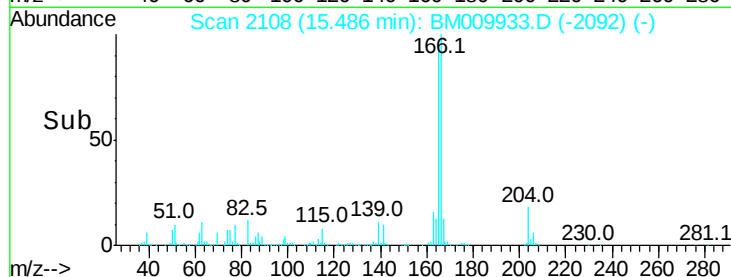
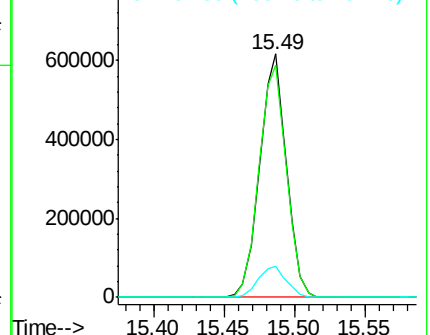


Abundance

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: 42.54 ng

RT: 15.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Tgt Ion:232 Resp: 194640

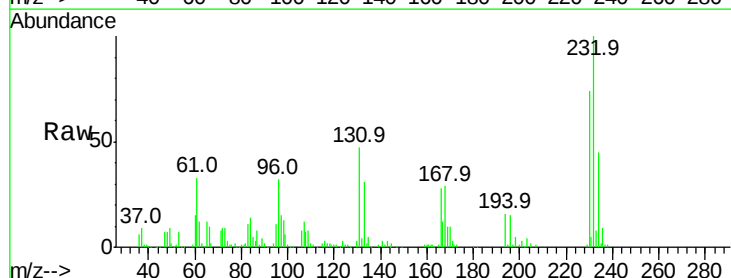
Ion Ratio Lower Upper

232 100

131 45.3 0.0 0.0#

130 3.2 0.0 0.0#

166 29.6 0.0 0.0#



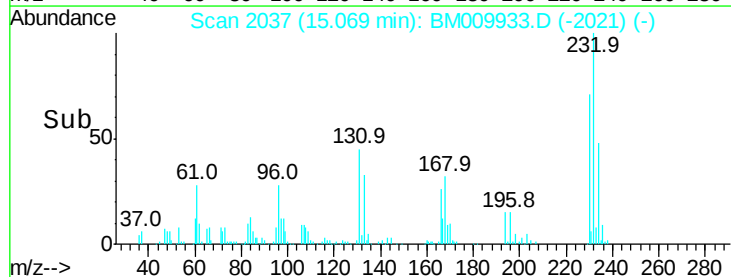
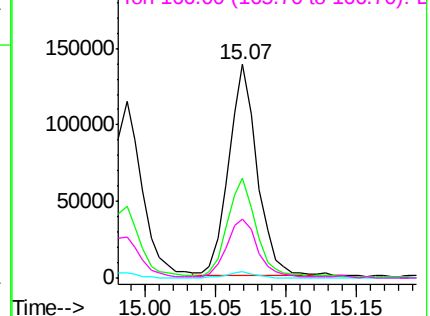
Abundance

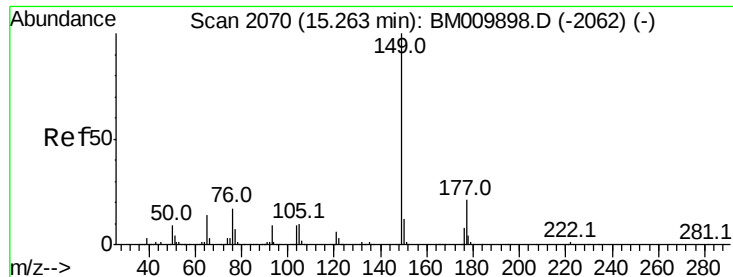
Ion 232.00 (231.70 to 232.70): E

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

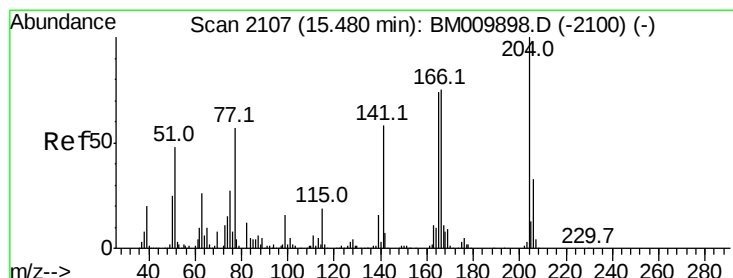
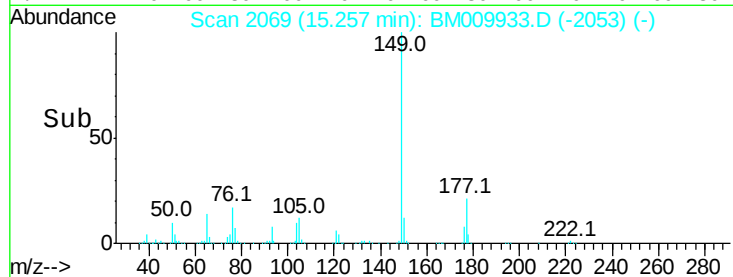
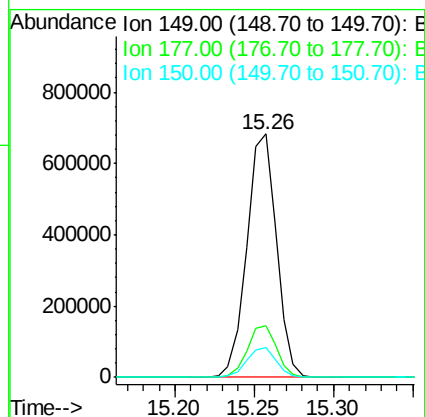
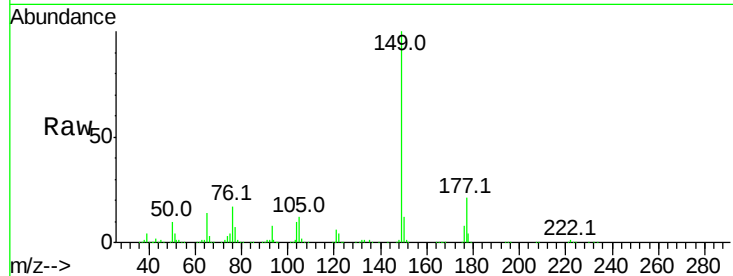




#59
Diethylphthalate
Concen: 36.36 ng
RT: 15.26 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

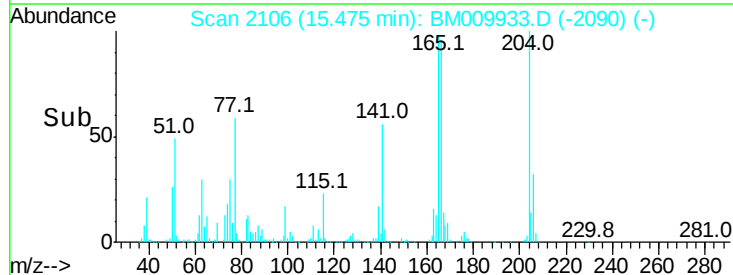
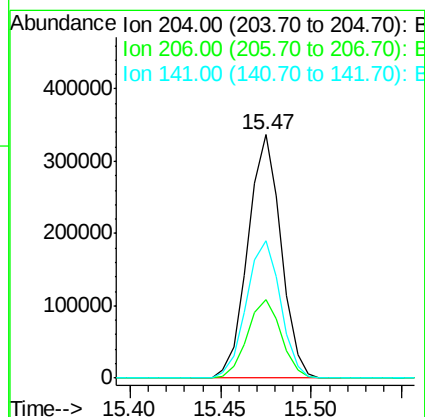
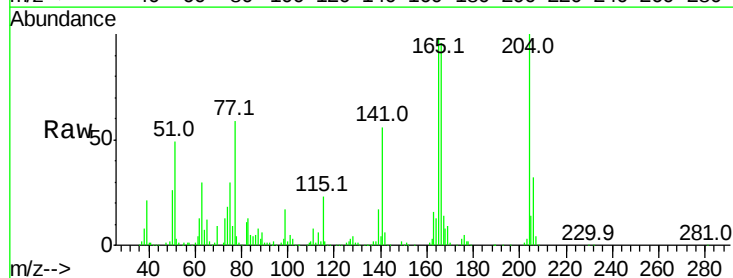
Instrument :
BNA_M
ClientSampled :

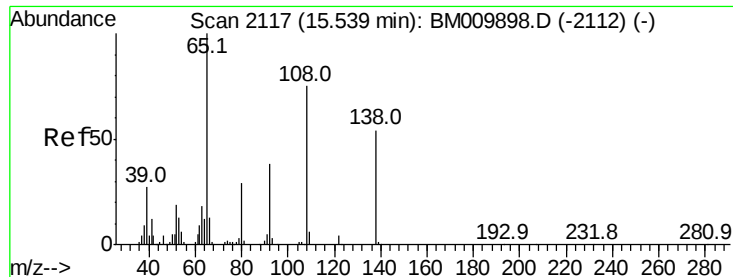
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	18.3	27.5
150	12.1	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 38.23 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	56.3	45.2	67.8

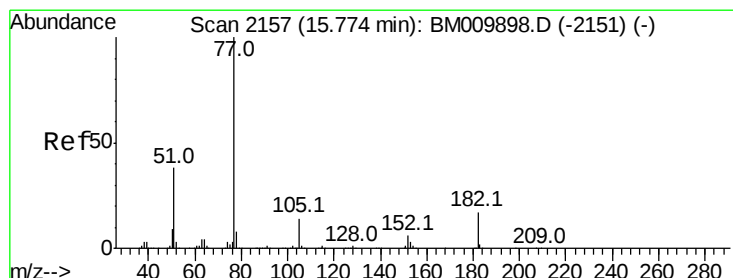
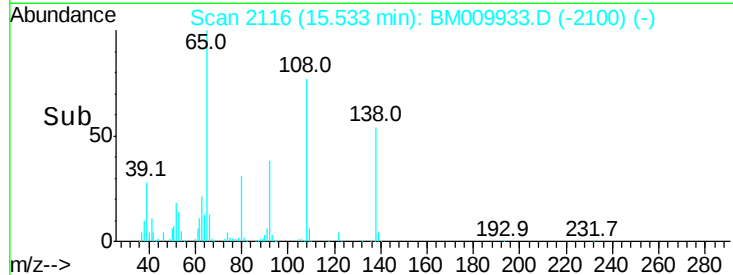
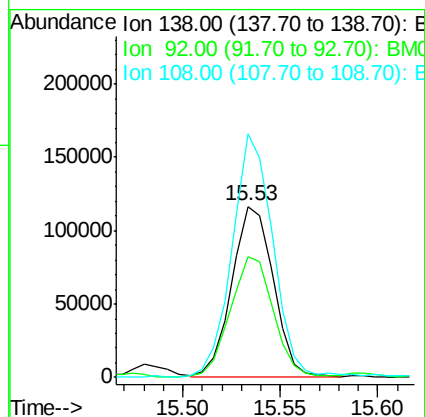
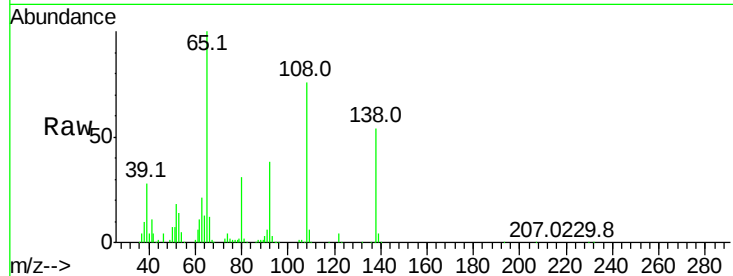




#61
4-Nitroaniline
Concen: 35.62 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

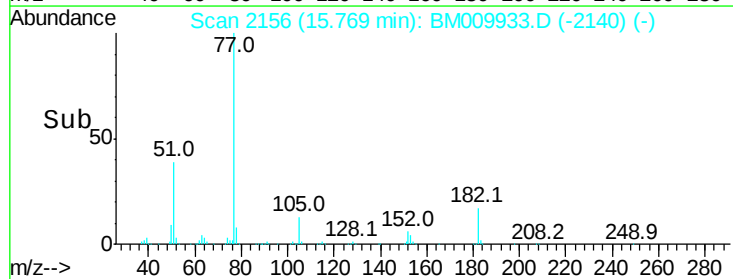
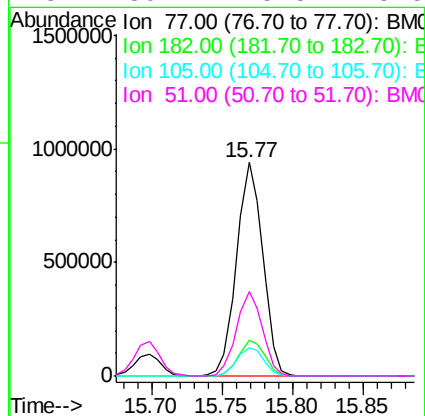
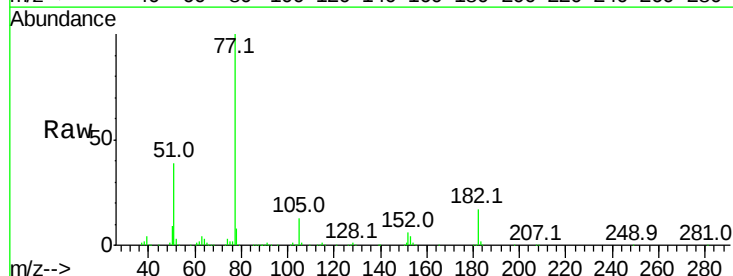
Instrument :
BNA_M
ClientSampled :

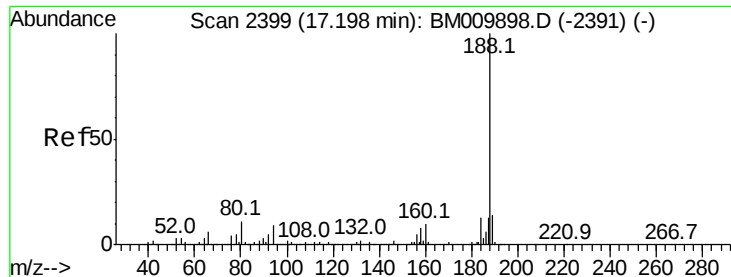
Tot Ion:138 Resp: 171334
Ion Ratio Lower Upper
138 100
92 70.2 16.7 56.7#
108 142.2 37.6 77.6#



#62
Azobenzene
Concen: 44.93 ng
RT: 15.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion: 77 Resp: 1216690
Ion Ratio Lower Upper
77 100
182 17.0 6.5 46.5
105 13.5 3.8 43.8
51 39.4 5.5 45.5

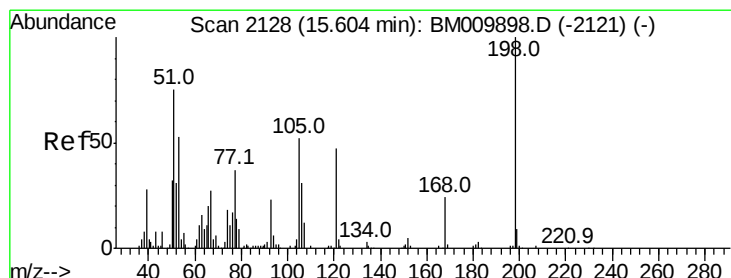
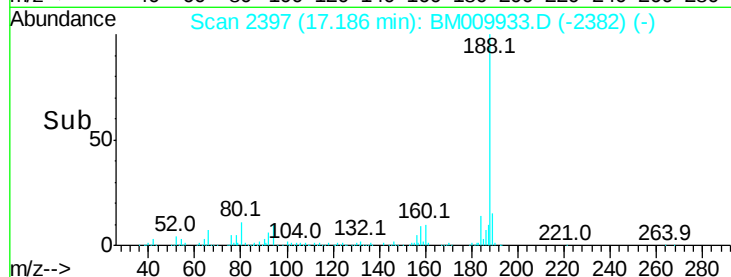
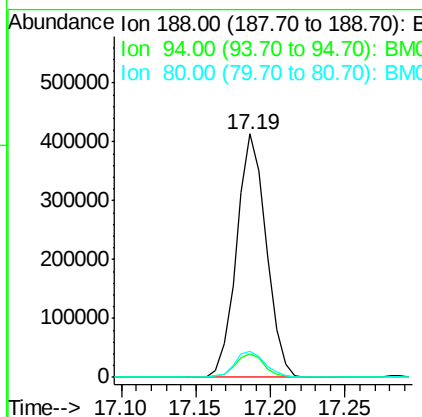
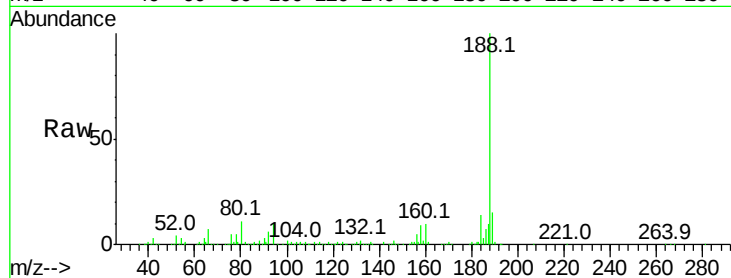




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

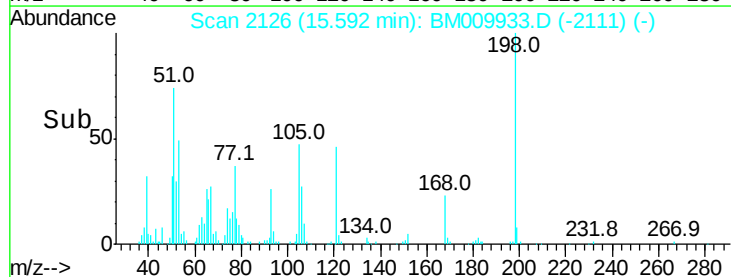
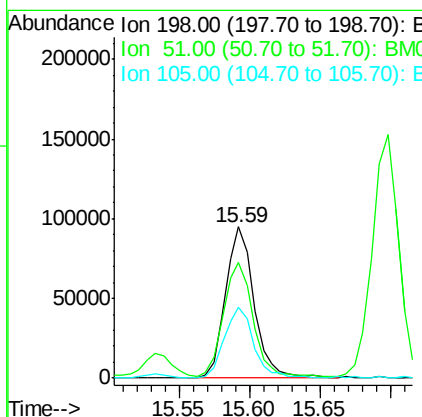
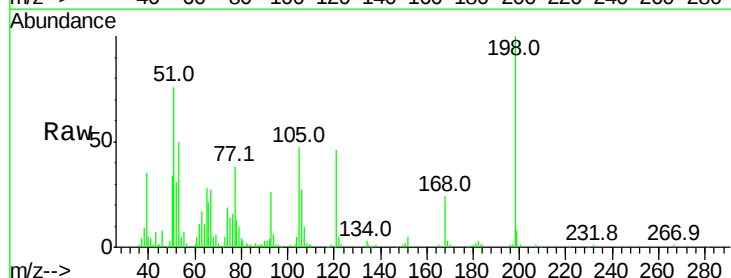
Instrument :
BNA_M
ClientSampled :

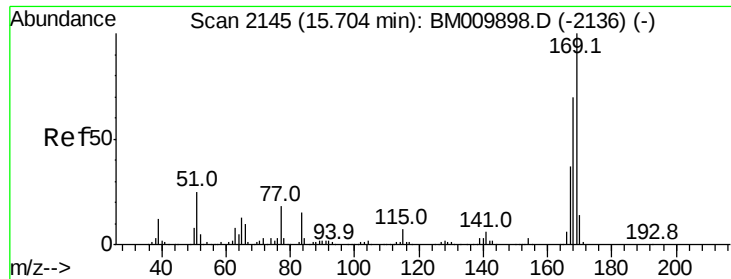
Tot Ion:188 Resp: 569555
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 10.6 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 36.56 ng
RT: 15.59 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion:198 Resp: 134200
Ion Ratio Lower Upper
198 100
51 76.4 28.8 68.8#
105 47.0 30.5 70.5

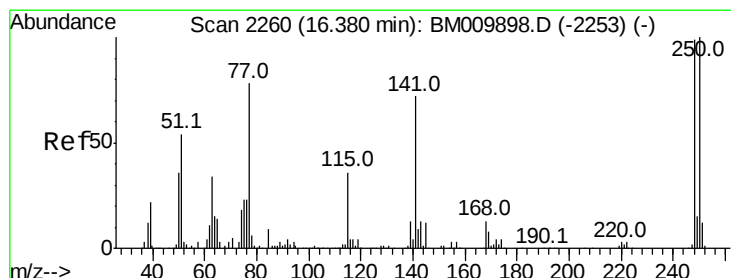
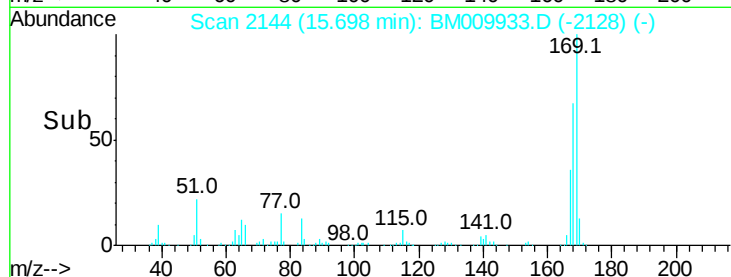
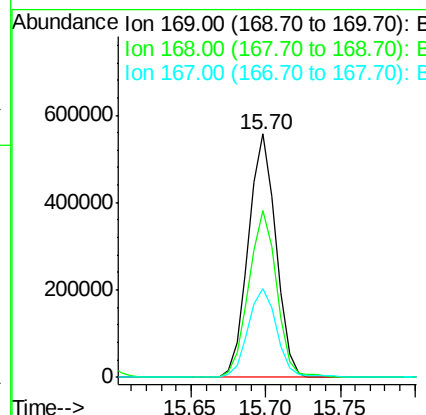
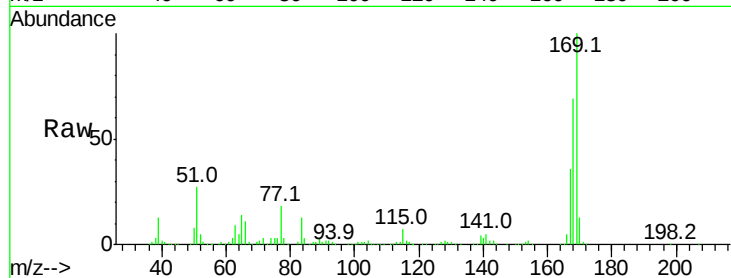




#65
n-Nitrosodiphenylamine
Concen: 39.33 ng
RT: 15.70 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

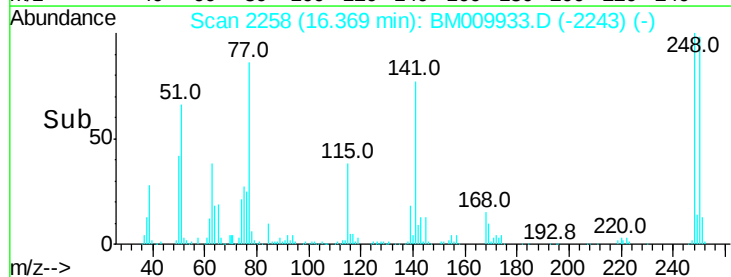
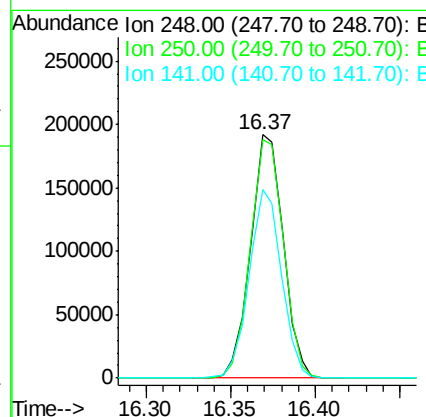
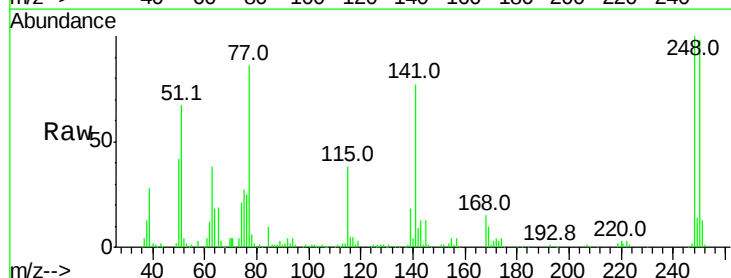
Instrument :
BNA_M
ClientSampleId :

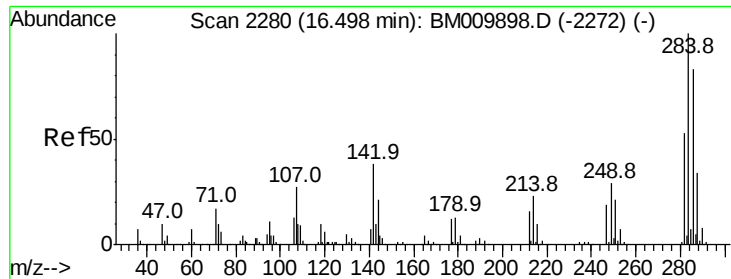
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.7	53.9	80.9
167	36.3	28.9	43.3



#66
4-Bromophenyl-phenylether
Concen: 39.07 ng
RT: 16.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.4	116.0
141	77.4	45.2	67.8

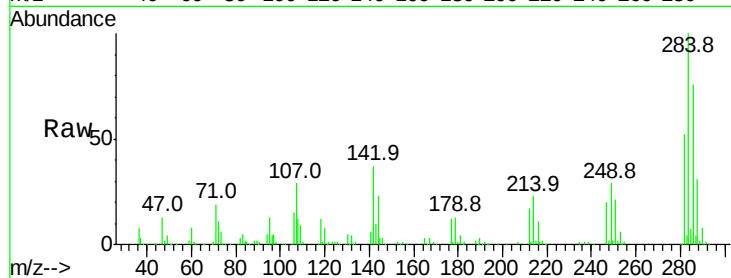




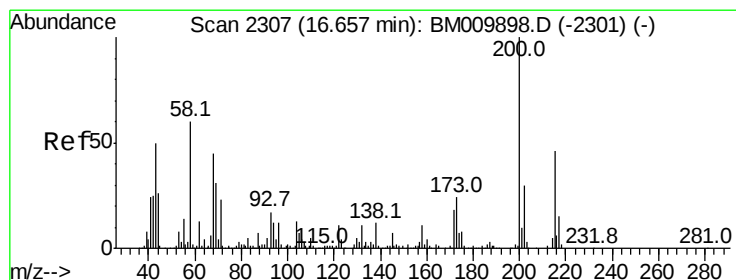
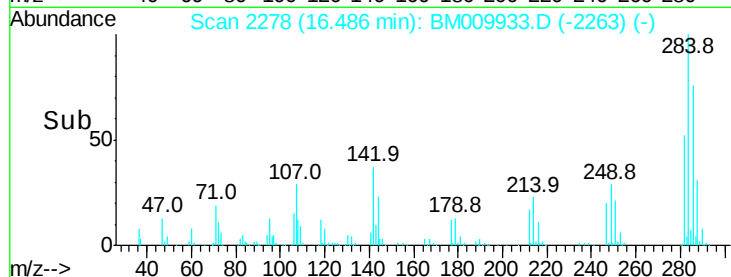
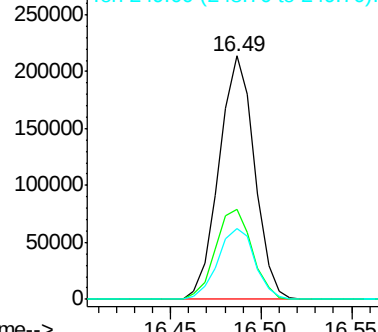
#67
Hexachlorobenzene
Concen: 38.26 ng
RT: 16.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 290379
Ion Ratio Lower Upper
284 100
142 36.8 20.4 30.6#
249 29.1 23.8 35.6

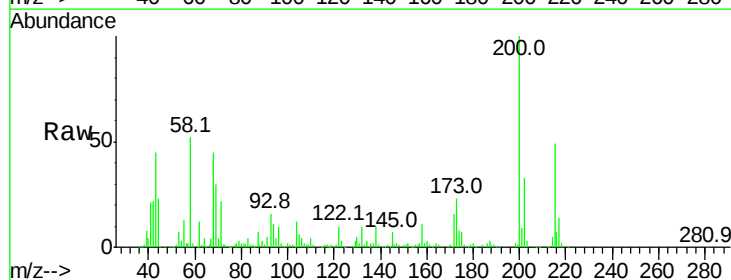


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

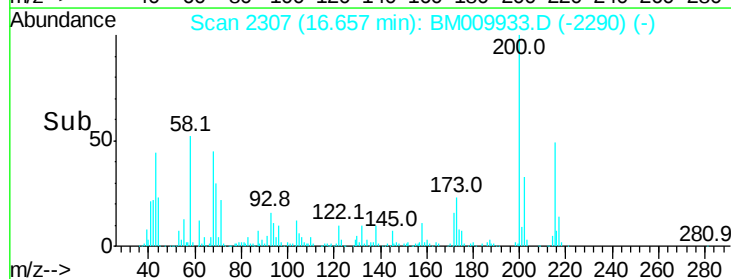
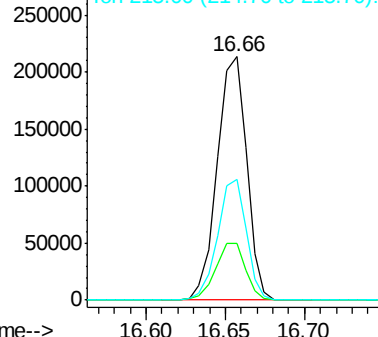


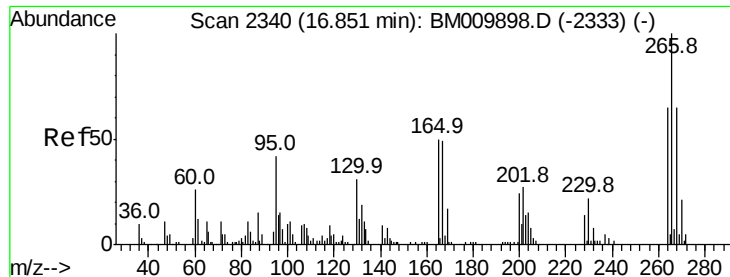
#68
Atrazine
Concen: 39.97 ng
RT: 16.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion:200 Resp: 276348
Ion Ratio Lower Upper
200 100
173 23.0 4.8 44.8
215 49.4 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 65.03 ng

RT: 16.85 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

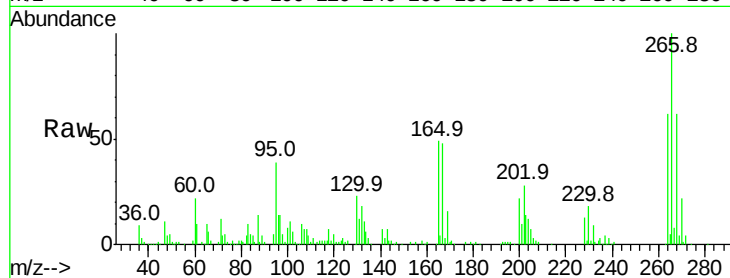
Tot Ion:266 Resp: 217066

Ion Ratio Lower Upper

266 100

268 61.9 52.0 78.0

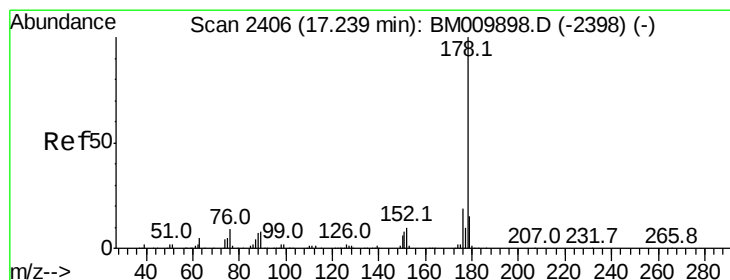
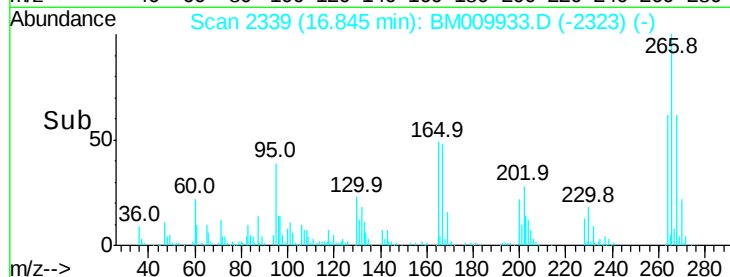
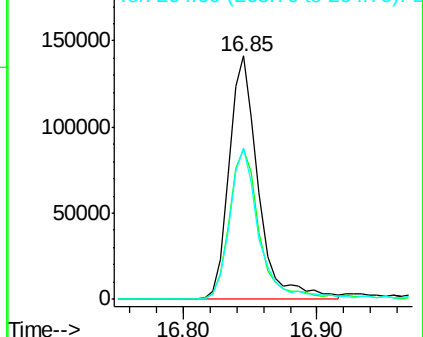
264 62.3 49.0 73.4



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: 38.93 ng

RT: 17.23 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

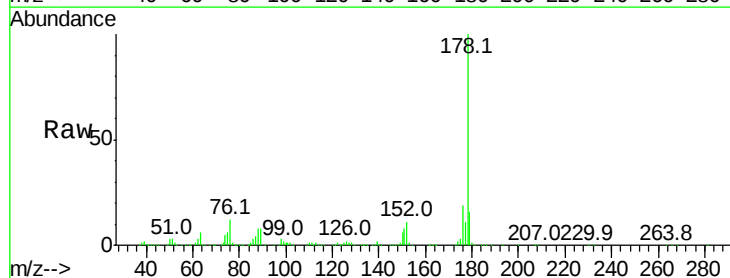
Tgt Ion:178 Resp: 1283638

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

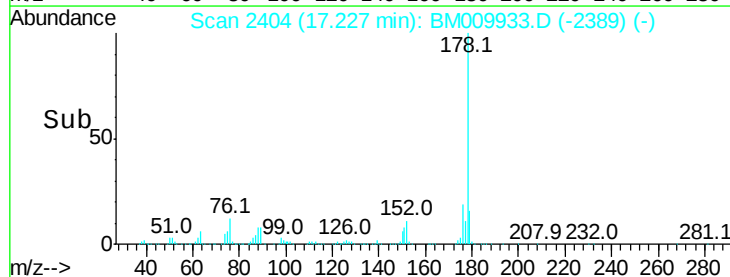
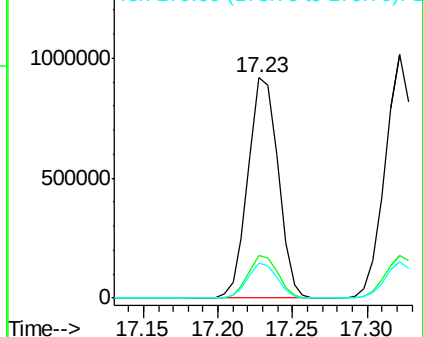
179 15.8 12.1 18.1

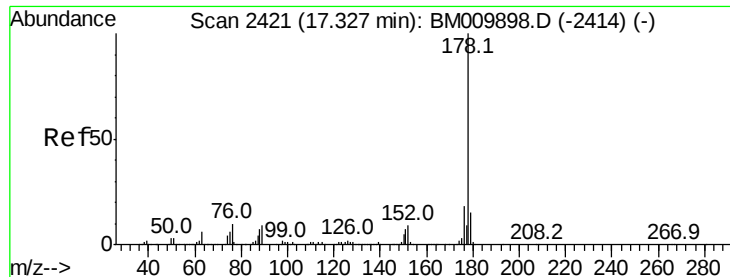


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

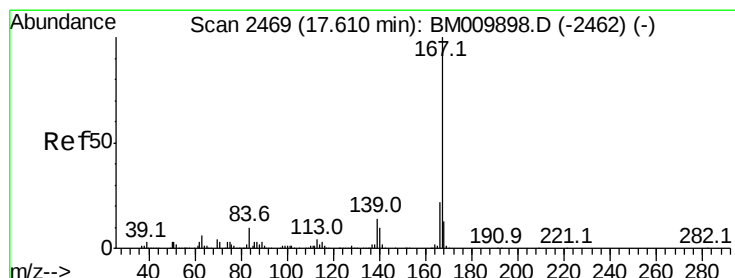
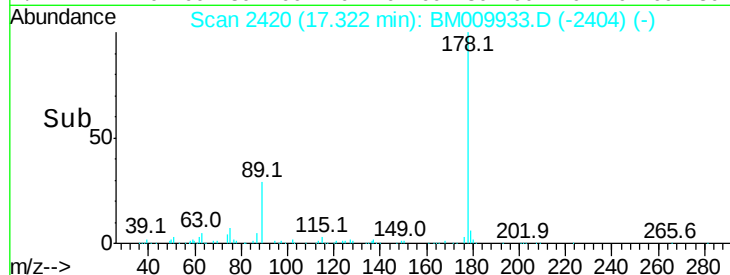
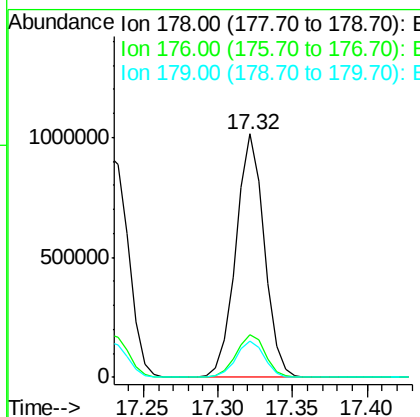
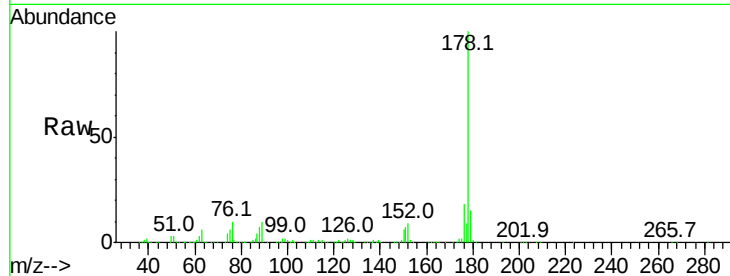




#71
 Anthracene
 Concen: 40.30 ng
 RT: 17.32 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BM009933.D
 Acq: 06 May 2017 10:01

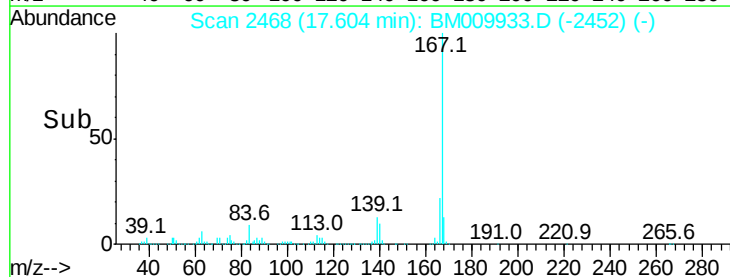
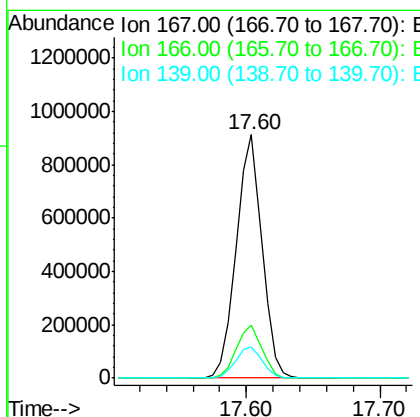
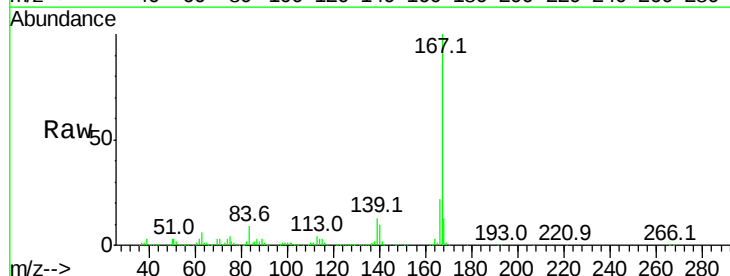
Instrument :
 BNA_M
 ClientSampleId :

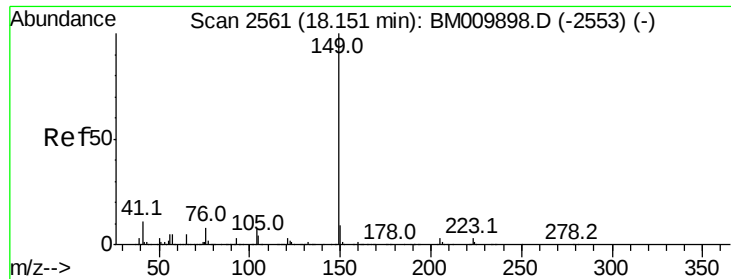
Tot Ion:178 Resp: 1340174
 Ion Ratio Lower Upper
 178 100
 176 17.6 14.6 22.0
 179 14.8 12.6 19.0



#72
 Carbazole
 Concen: 40.60 ng
 RT: 17.60 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BM009933.D
 Acq: 06 May 2017 10:01

Tgt Ion:167 Resp: 1223889
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 36.11 ng

RT: 18.14 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

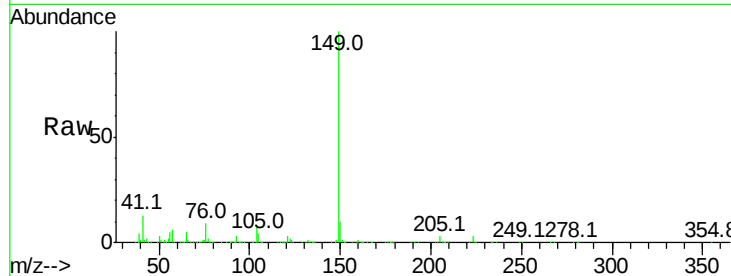
Tot Ion:149 Resp: 1563606

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

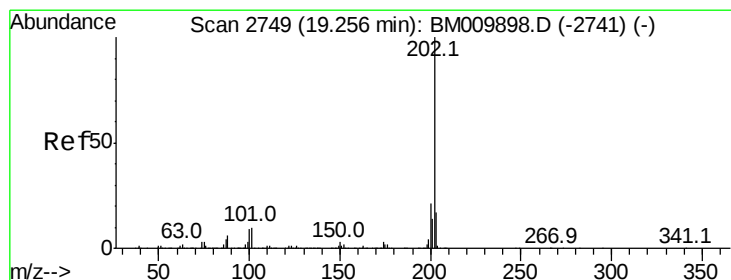
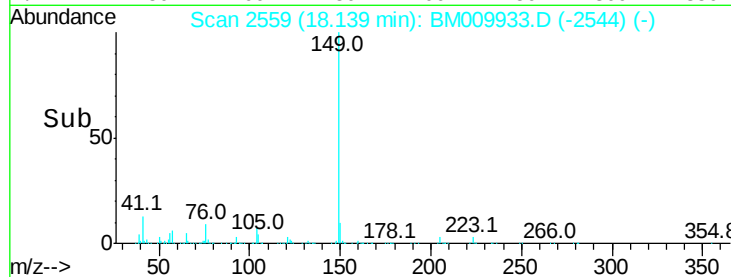
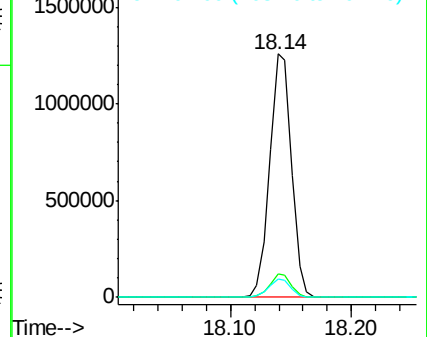
104 7.4 3.7 5.5#



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: 38.24 ng

RT: 19.25 min Scan# 2748

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

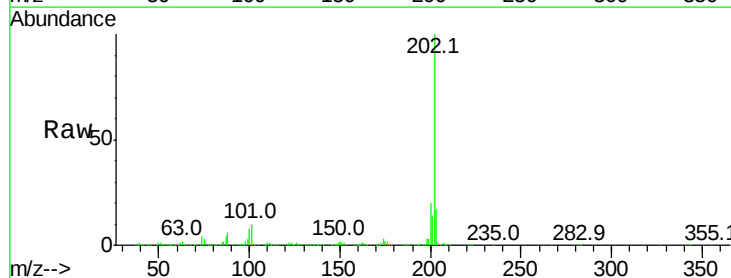
Tgt Ion:202 Resp: 1591507

Ion Ratio Lower Upper

202 100

101 10.3 0.0 28.7

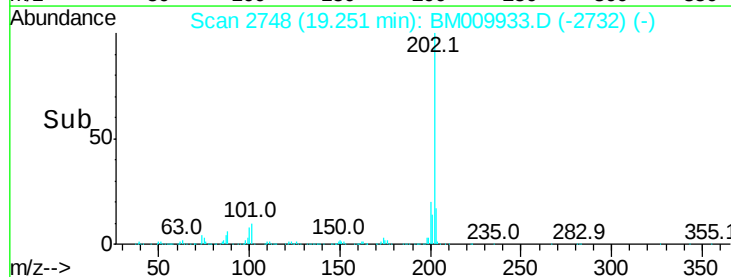
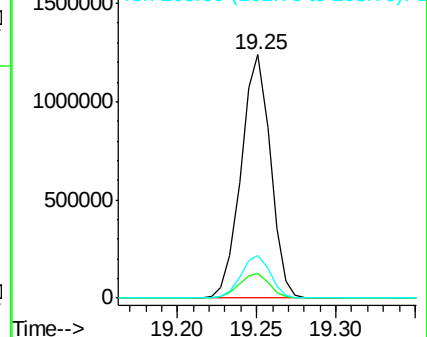
203 17.4 0.0 37.2

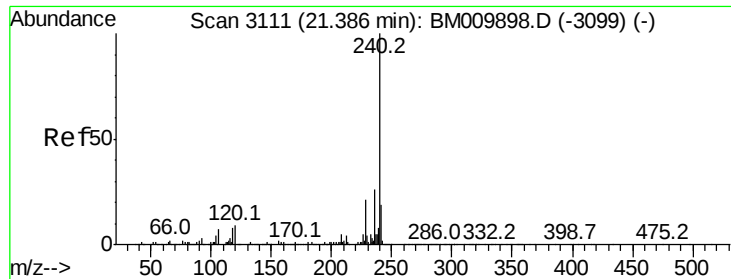


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.37 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

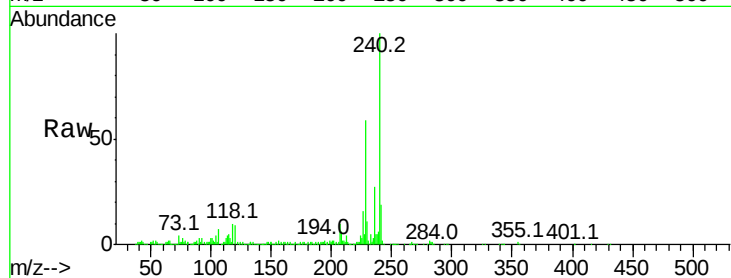
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 722181

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.2	12.2
236	27.3	20.0	30.0

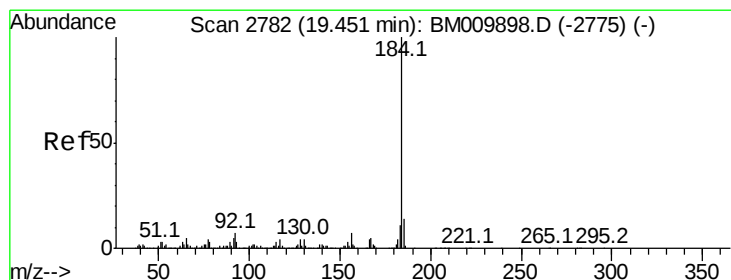
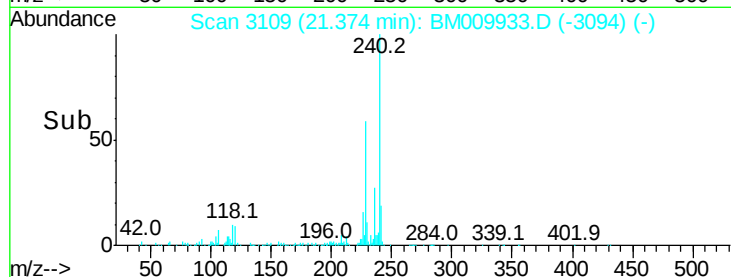
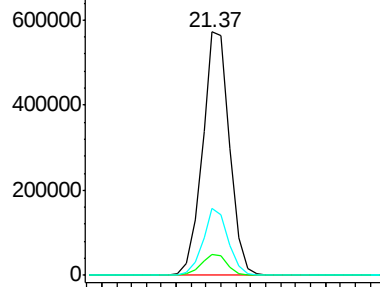


Abundance

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: 35.54 ng

RT: 19.44 min Scan# 2781

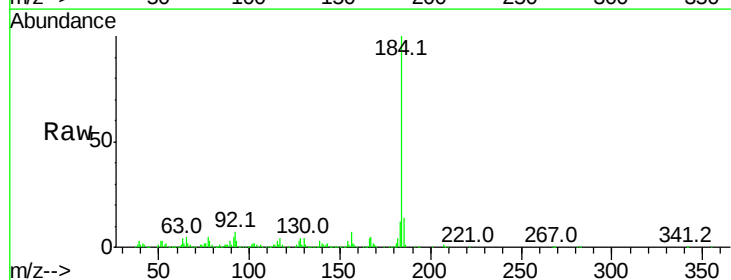
Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Tgt Ion:184 Resp: 774166

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.3	16.9
183	11.8	8.9	13.3

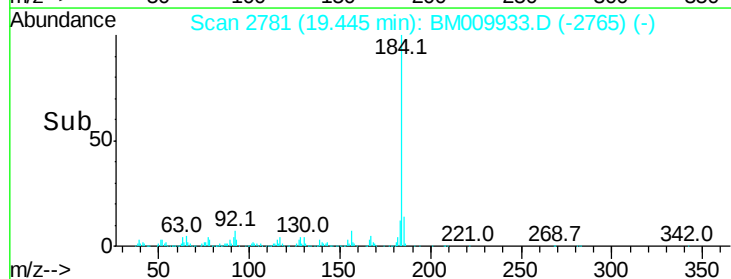
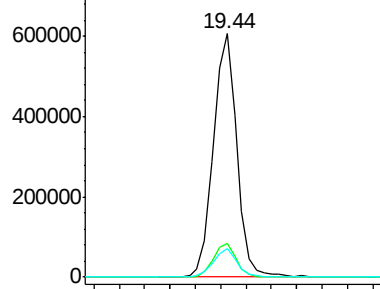


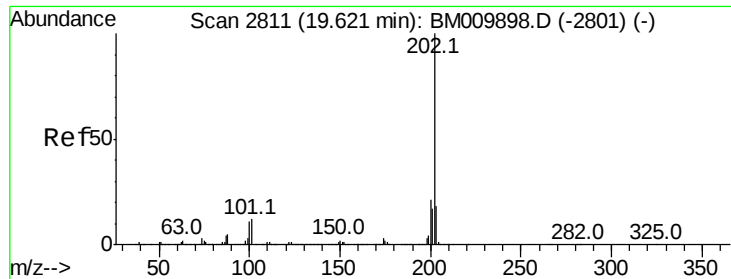
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

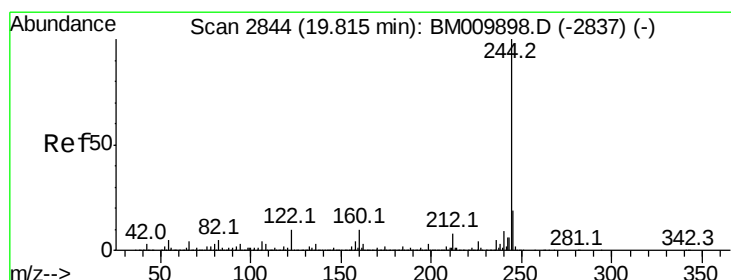
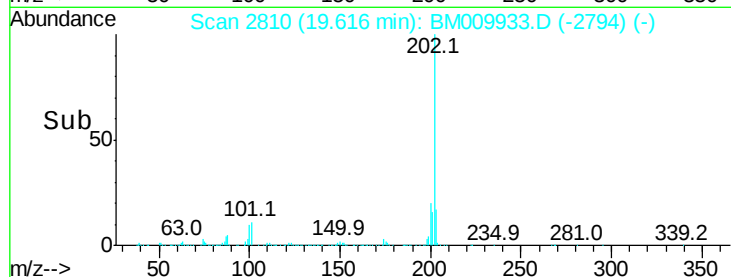
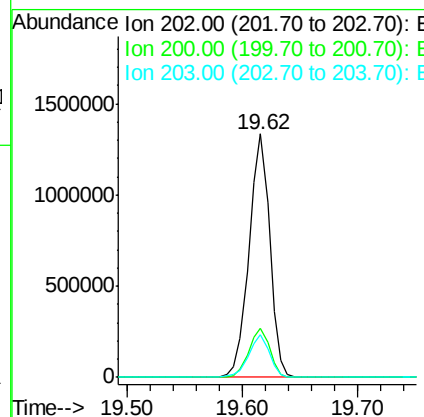
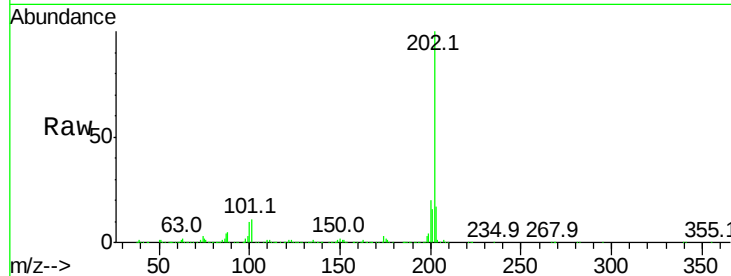




#77
Pvrene
Concen: 38.45 ng
RT: 19.62 min Scan# 2810
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

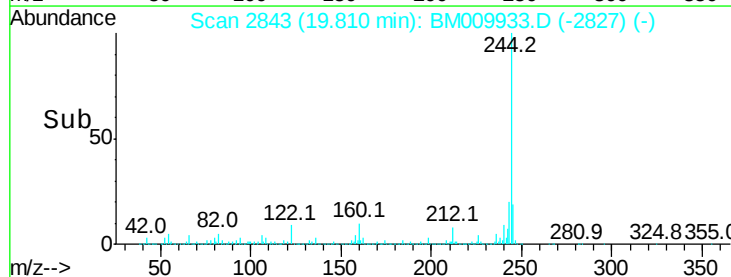
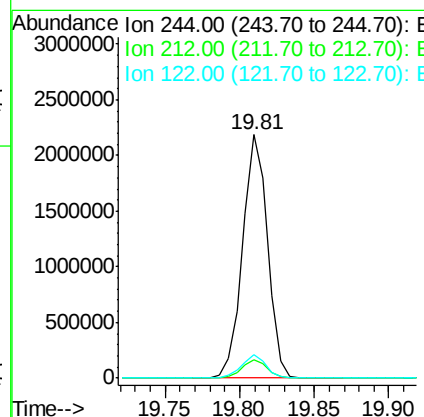
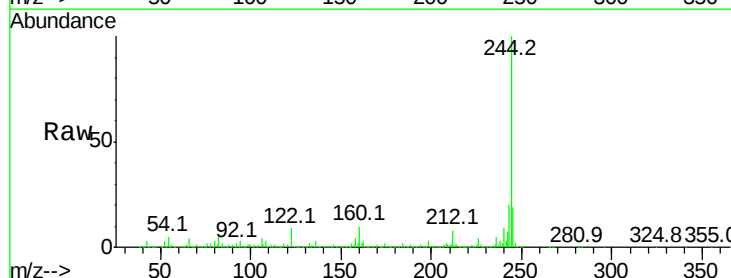
Instrument :
BNA_M
ClientSampleId :

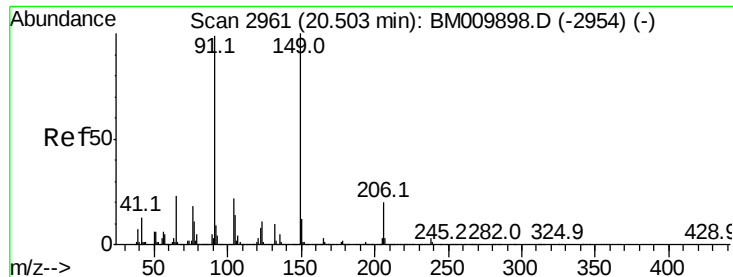
Tot Ion:202 Resp: 1658439
Ion Ratio Lower Upper
202 100
200 20.1 16.9 25.3
203 17.5 14.1 21.1



#78
Terphenyl-d14
Concen: 72.07 ng
RT: 19.81 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion:244 Resp: 2537272
Ion Ratio Lower Upper
244 100
212 7.5 4.9 7.3#
122 9.4 6.2 9.4#

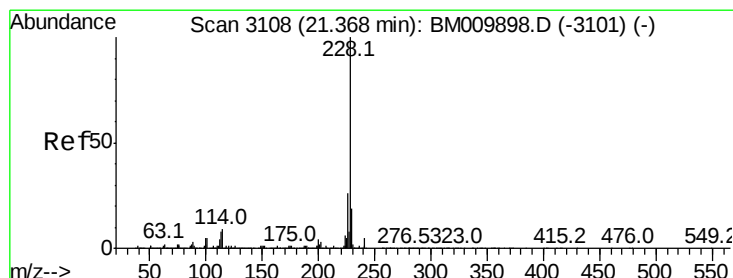
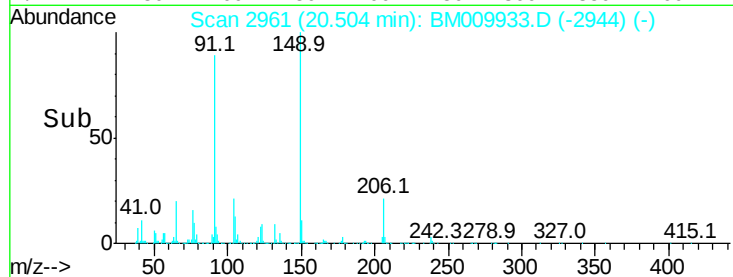
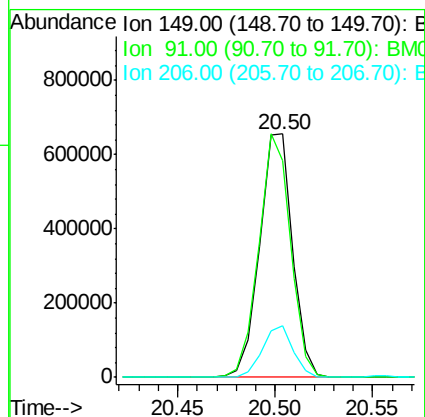
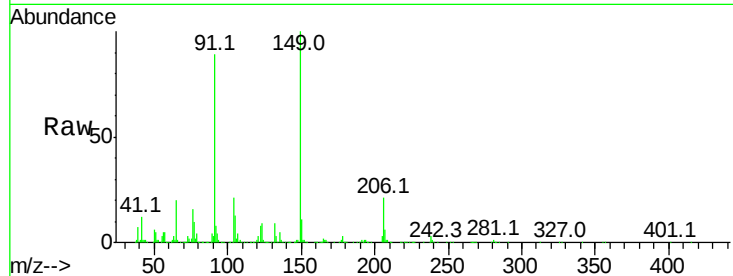




#79
Butylbenzylphthalate
Concen: 36.67 ng
RT: 20.50 min Scan# 2961
Delta R.T. 0.00 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

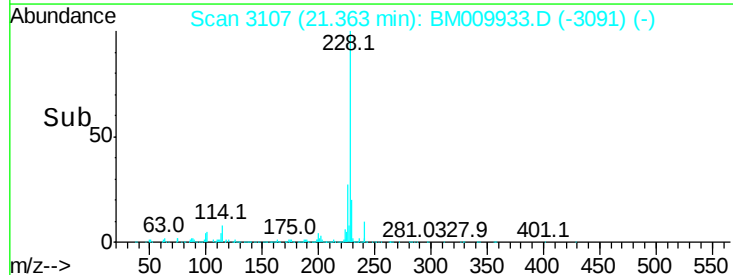
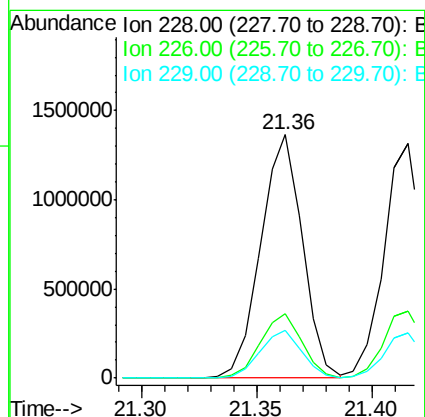
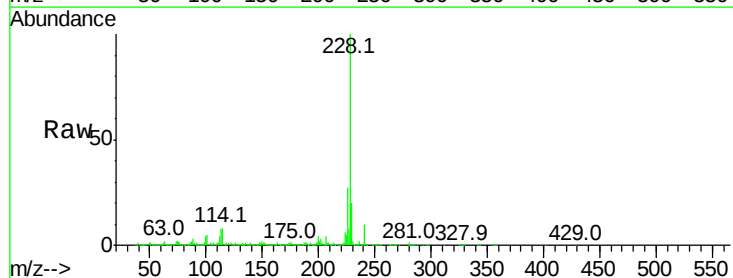
Instrument :
BNA_M
ClientSampleId :

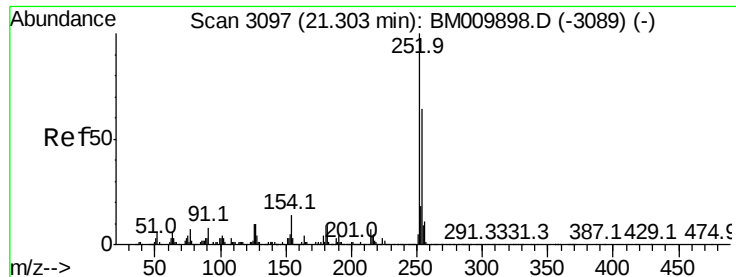
Tot Ion:149 Resp: 762841
Ion Ratio Lower Upper
149 100
91 89.2 50.1 75.1#
206 21.4 16.2 24.2



#80
Benzo(a)anthracene
Concen: 39.34 ng
RT: 21.36 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion:228 Resp: 1711205
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.6 16.0 24.0

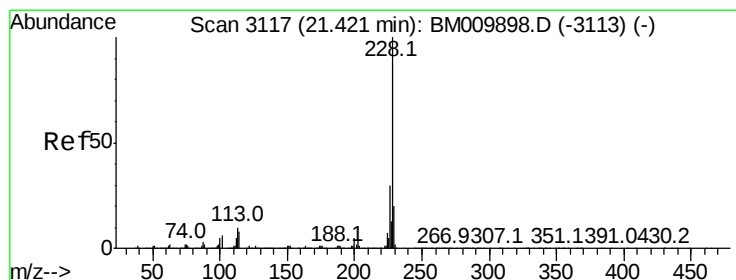
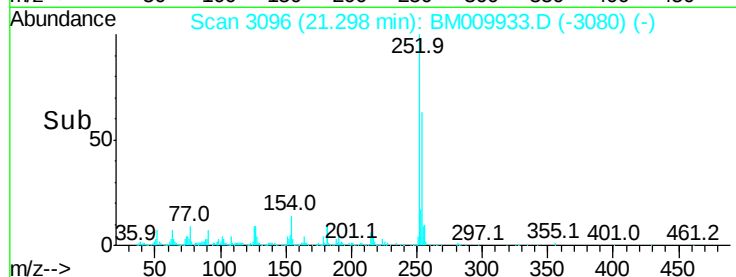
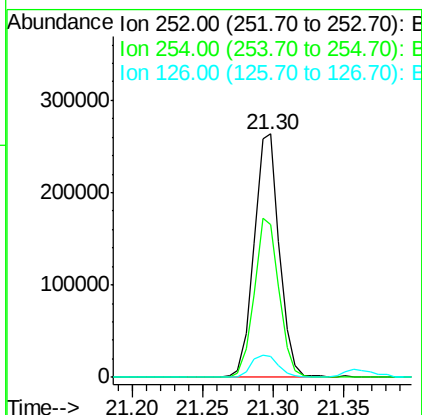
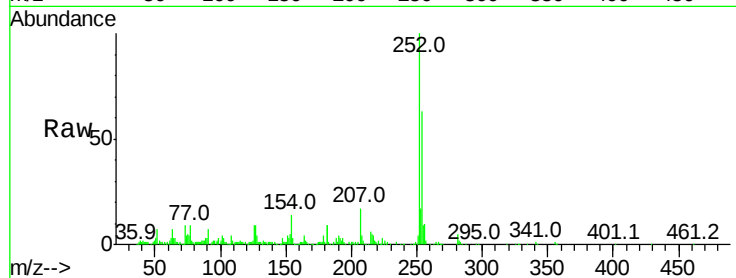




#81
 3,3'-Dichlorobenzidine
 Concen: 19.29 ng
 RT: 21.30 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM009933.D
 Acq: 06 May 2017 10:01

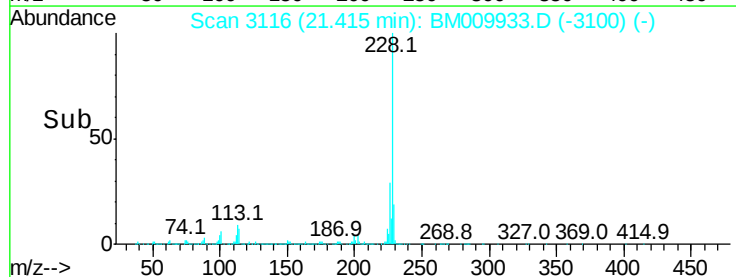
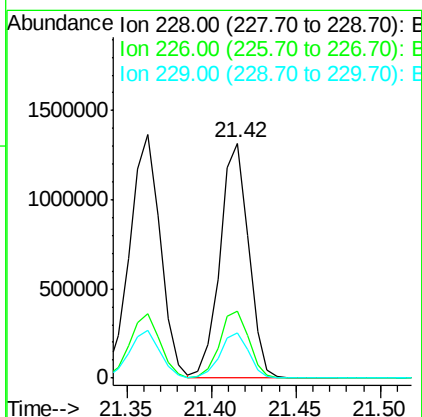
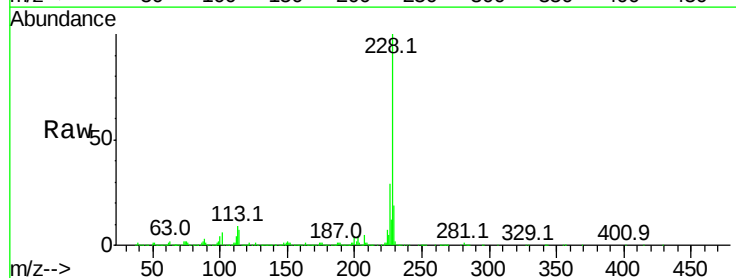
Instrument :
 BNA_M
 ClientSampleId :

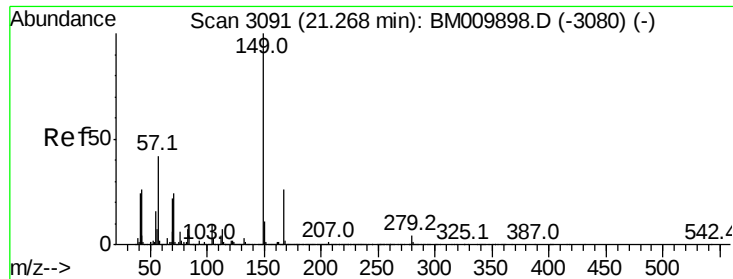
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.9	77.9
126	8.6	9.8	14.8#



#82
 Chrysene
 Concen: 37.85 ng
 RT: 21.42 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BM009933.D
 Acq: 06 May 2017 10:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.1	36.1
229	19.3	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.48 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

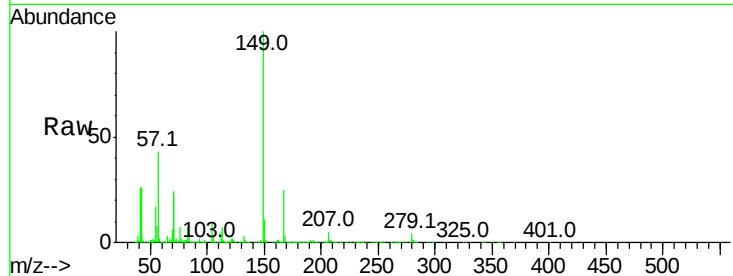
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1103184

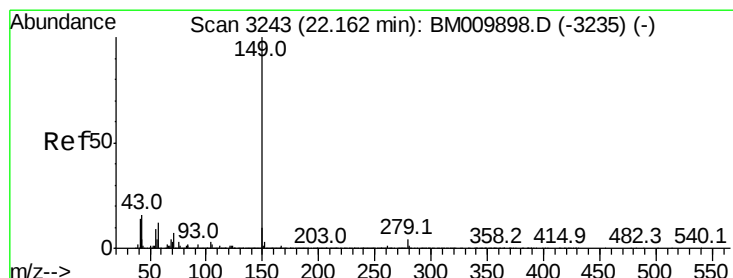
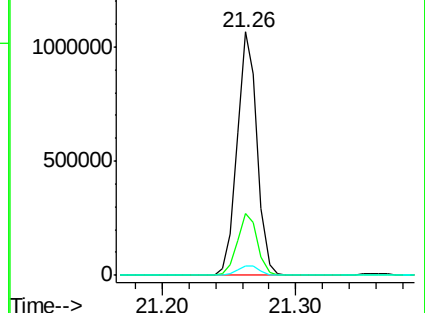
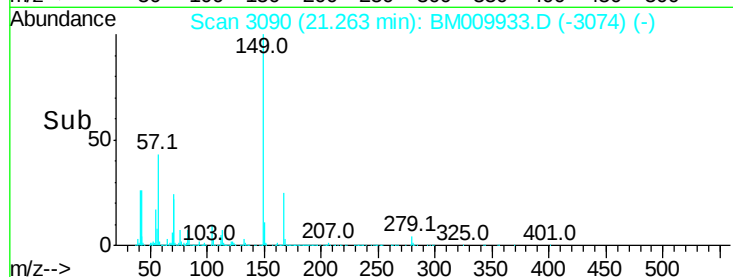
Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.4	33.6
279	4.0	3.4	5.0



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: 34.53 ng

RT: 22.16 min Scan# 3242

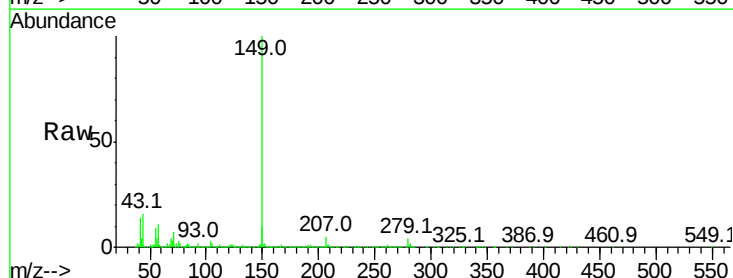
Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Tgt Ion:149 Resp: 1918429

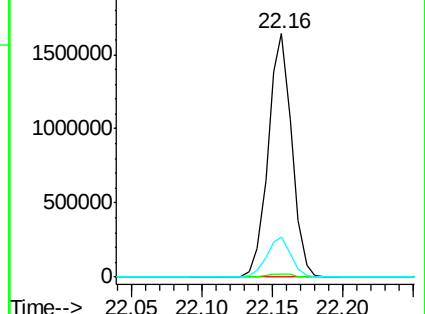
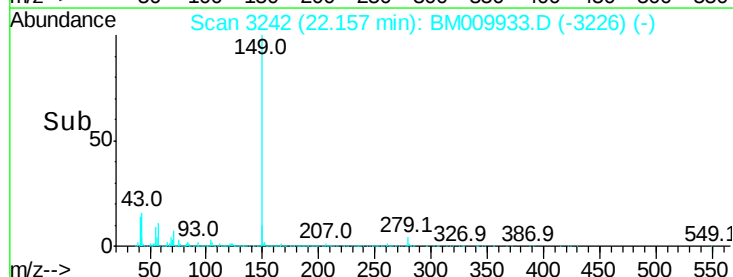
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	16.6	7.3	10.9

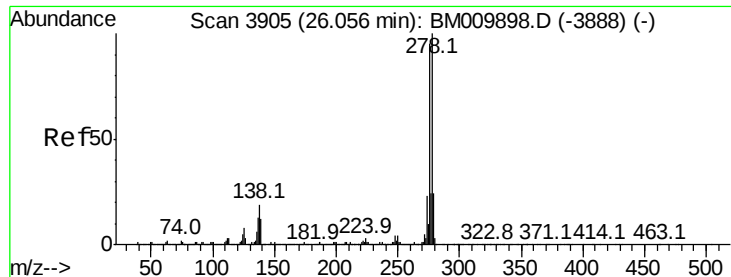


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

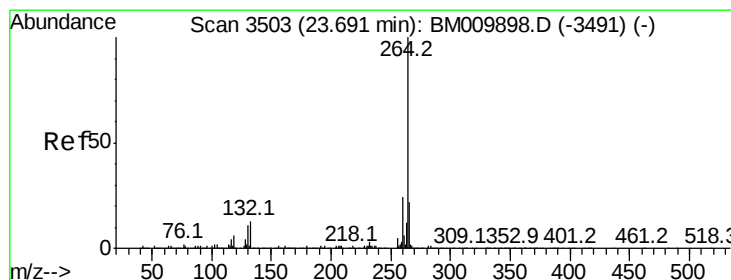
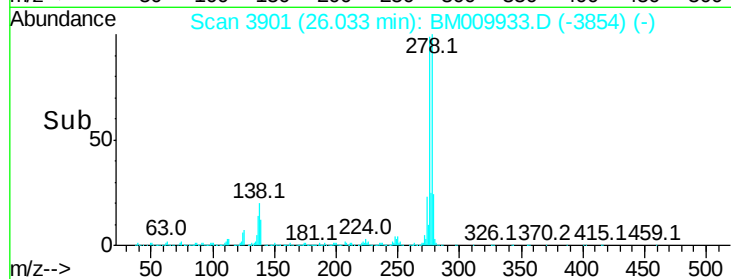
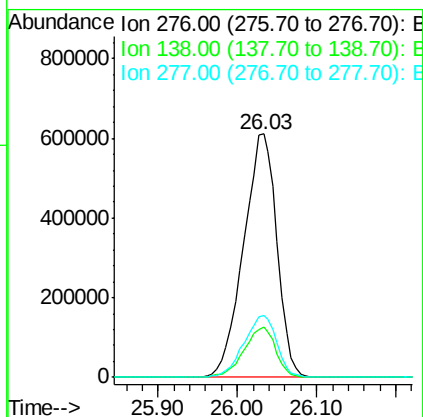
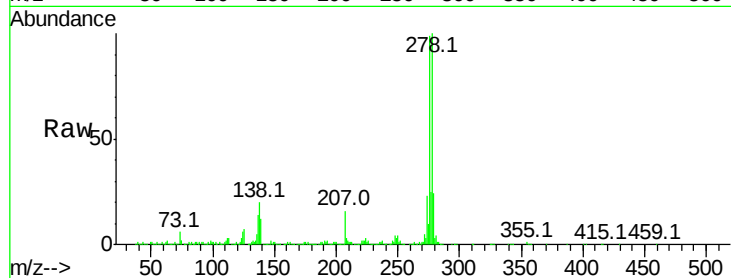




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.66 ng
RT: 26.03 min Scan# 3901
Delta R.T. -0.02 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

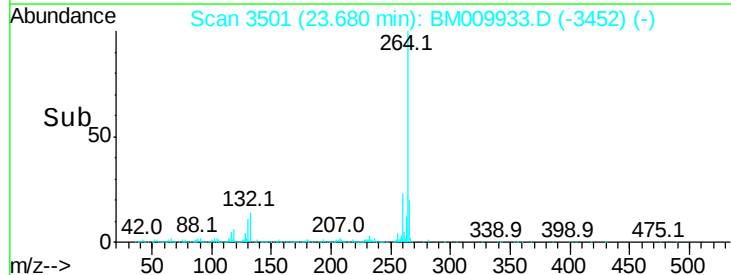
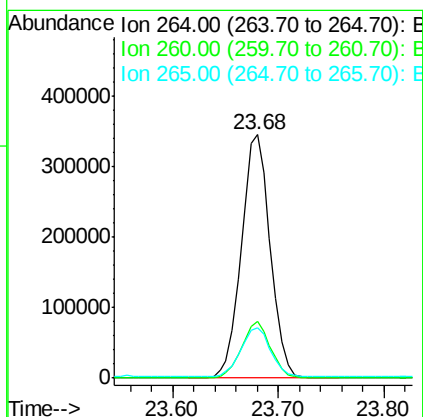
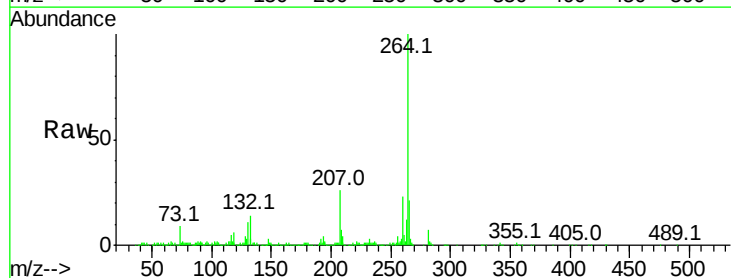
Instrument :
BNA_M
ClientSampleId :

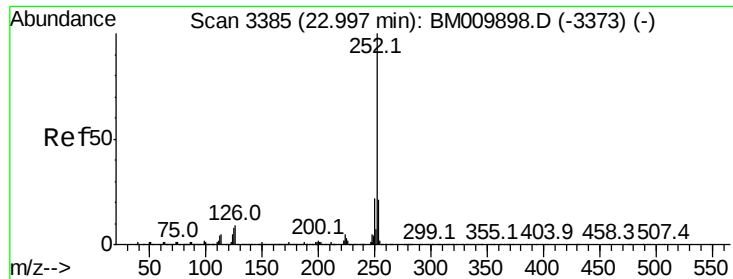
Tot Ion:276 Resp: 1782715
Ion Ratio Lower Upper
276 100
138 19.7 0.0 0.0#
277 25.3 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.68 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BM009933.D
Acq: 06 May 2017 10:01

Tgt Ion:264 Resp: 652177
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 20.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 40.37 ng

RT: 22.99 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampled :

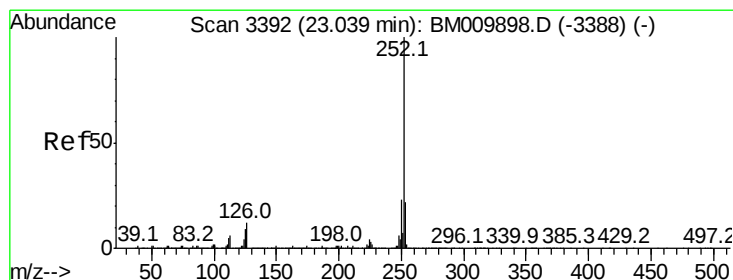
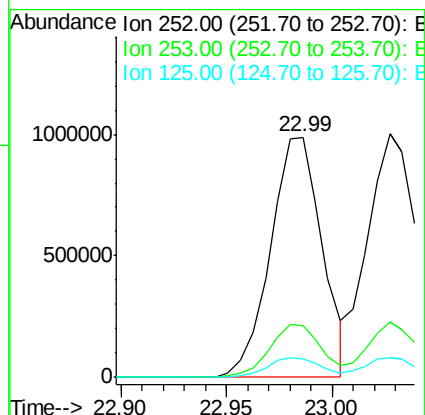
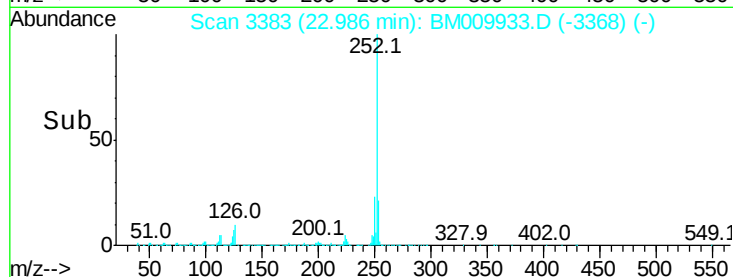
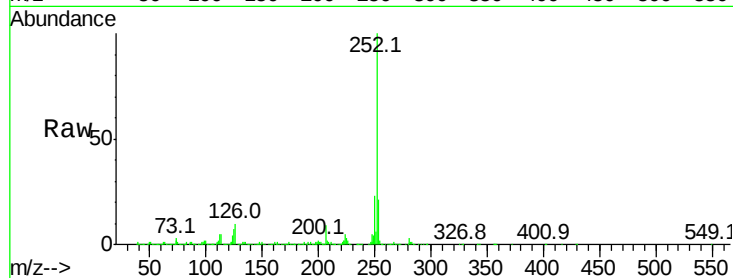
Tot Ion:252 Resp: 1677763

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 7.5 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 40.18 ng

RT: 23.03 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

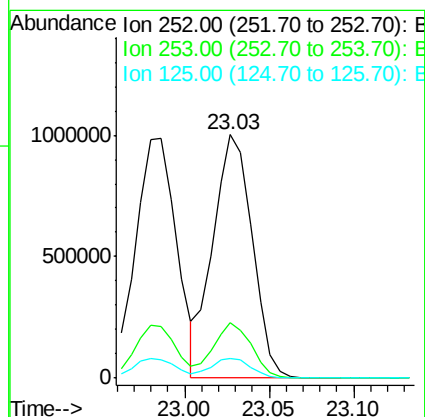
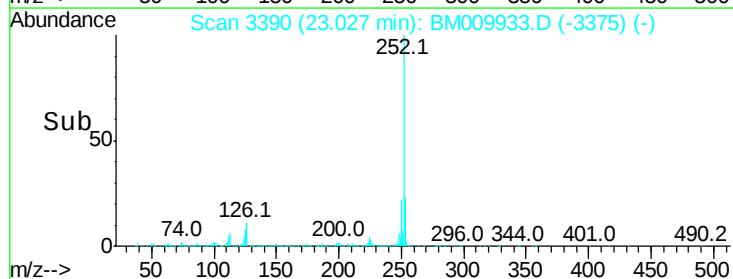
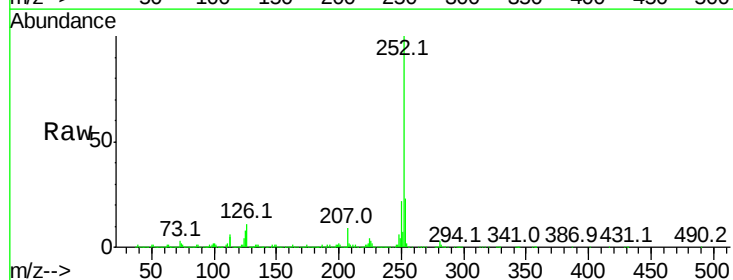
Tgt Ion:252 Resp: 1623610

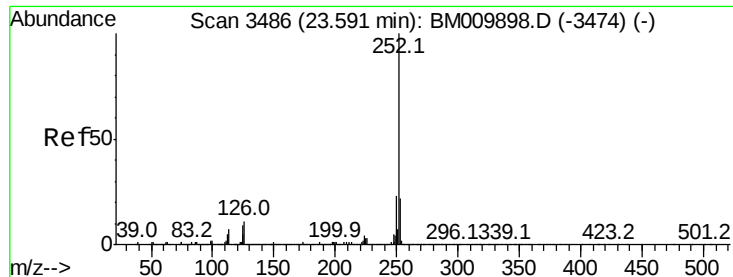
Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 8.1 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 40.38 ng

RT: 23.58 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

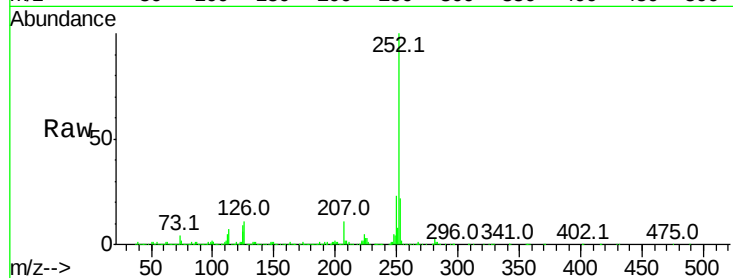
Instrument :

BNA_M

ClientSampled :

Tot Ion:252 Resp: 1574493

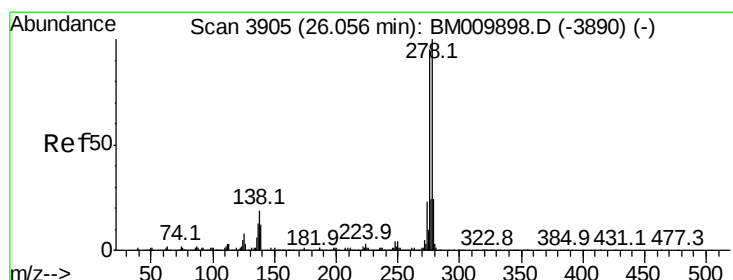
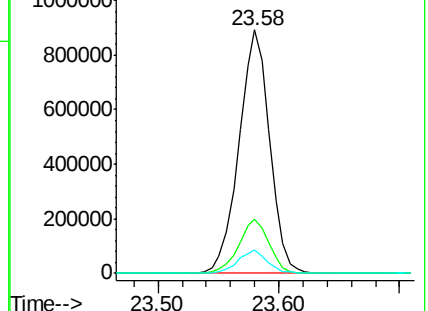
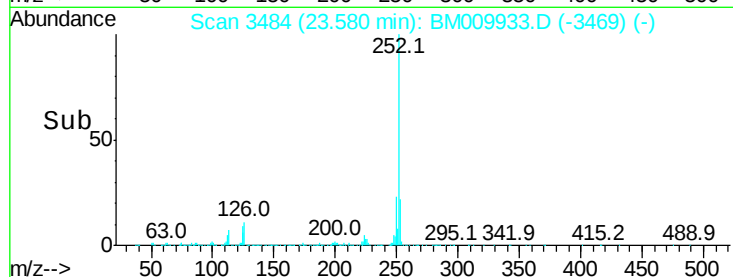
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.5	7.4	11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.68 ng

RT: 26.03 min Scan# 3901

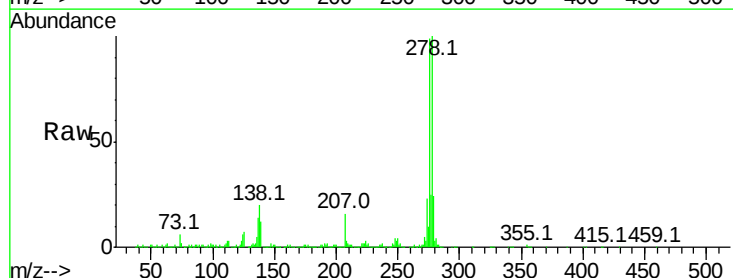
Delta R.T. -0.02 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Tgt Ion:278 Resp: 1552526

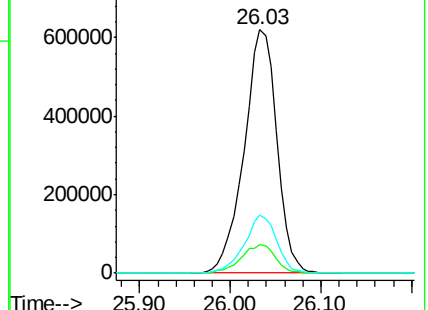
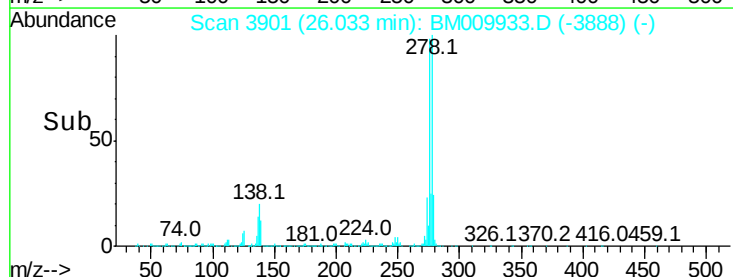
Ion	Ratio	Lower	Upper
278	100		
139	11.8	13.4	20.0#
279	24.0	19.0	28.4

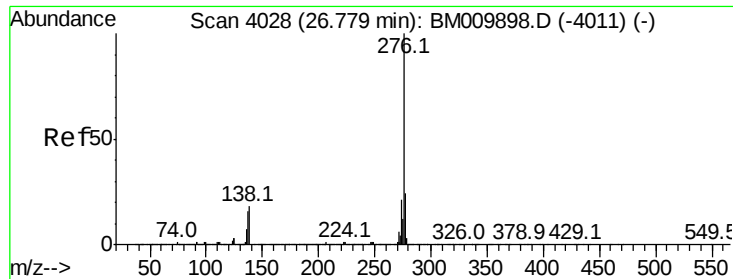


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.87 ng

RT: 26.76 min Scan# 4024

Delta R.T. -0.02 min

Lab File: BM009933.D

Acq: 06 May 2017 10:01

Instrument :

BNA_M

ClientSampleId :

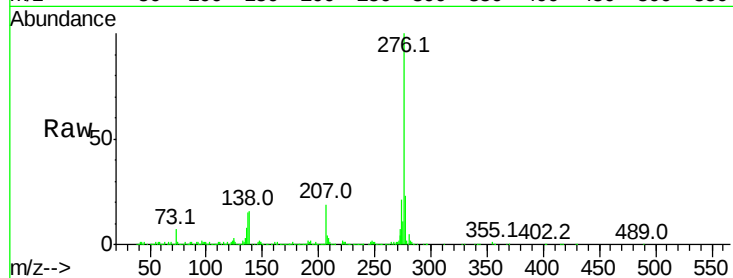
Tot Ion:276 Resp: 1389608

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 15.9 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

