

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009517.D
 Acq On : 04 Apr 2017 01:17
 Operator : SJ/MA
 Sample : I2507-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

Quant Time: Apr 04 03:42:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	115440	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	464602	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	285731	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	673909	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	894335	20.00	ng	-0.01
86) Perylene-d12	23.74	264	835821	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	860724	124.28	ng	-0.01
7) Phenol-d6	7.01	99	1234856	130.75	ng	-0.01
23) Nitrobenzene-d5	9.01	82	890266	71.85	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	440906	124.21	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1577396	66.52	ng	-0.02
78) Terphenyl-d14	19.86	244	2491309	58.21	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	101442	29.13	ng	# 100
4) n-Nitrosodimethylamine	3.67	42	198650	37.92	ng	# 62
6) Aniline	7.18	93	80652	6.28	ng	95
8) 2-Chlorophenol	7.41	128	308685	43.96	ng	# 80
9) Benzaldehyde	6.99	77	254655	34.26	ng	# 80
10) Phenol	7.03	94	457816	44.74	ng	89
11) bis(2-Chloroethyl)ether	7.27	93	325693	38.83	ng	83
12) 1,3-Dichlorobenzene	7.73	146	315968	37.58	ng	# 88
13) 1,4-Dichlorobenzene	7.88	146	327579	37.71	ng	# 95
14) 1,2-Dichlorobenzene	8.19	146	313525	37.17	ng	93
15) Benzyl Alcohol	8.09	79	356758	43.21	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.37	45	541341	37.13	ng	96
17) 2-Methylphenol	8.28	107	276291	41.26	ng	# 84
18) Hexachloroethane	8.92	117	131942	37.13	ng	# 90
19) n-Nitroso-di-n-propylamine	8.65	70	314469	41.30	ng	90
20) 3+4-Methylphenols	8.61	107	378463	41.57	ng	87
22) Acetophenone	8.67	105	514851	39.29	ng	# 84
24) Nitrobenzene	9.05	77	466756	38.45	ng	# 87
25) Isophorone	9.57	82	775285	41.01	ng	# 88
26) 2-Nitrophenol	9.76	139	155136	42.37	ng	# 52
27) 2,4-Dimethylphenol	9.81	122	274975	41.05	ng	87
28) bis(2-Chloroethoxy)methane	10.05	93	448701	38.34	ng	99
29) 2,4-Dichlorophenol	10.29	162	288718	41.23	ng	95
30) 1,2,4-Trichlorobenzene	10.50	180	327977	37.75	ng	100
31) Naphthalene	10.69	128	911391	36.96	ng	100
32) Benzoic acid	9.89	122	29901	9.50	ng	# 88
33) 4-Chloroaniline	10.81	127	162124	17.04	ng	# 79
34) Hexachlorobutadiene	10.96	225	203459	34.20	ng	96
35) Caprolactam	11.59	113	59578	27.87	ng	# 76
36) 4-Chloro-3-methylphenol	11.92	107	341845	43.15	ng	# 80
37) 2-Methylnaphthalene	12.30	142	666312	39.14	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	380667	35.29	ng	# 100
40) Hexachlorocyclopentadiene	12.64	237	447328	72.25	ng	98
42) 2,4,6-Trichlorophenol	12.92	196	260554	42.24	ng	98

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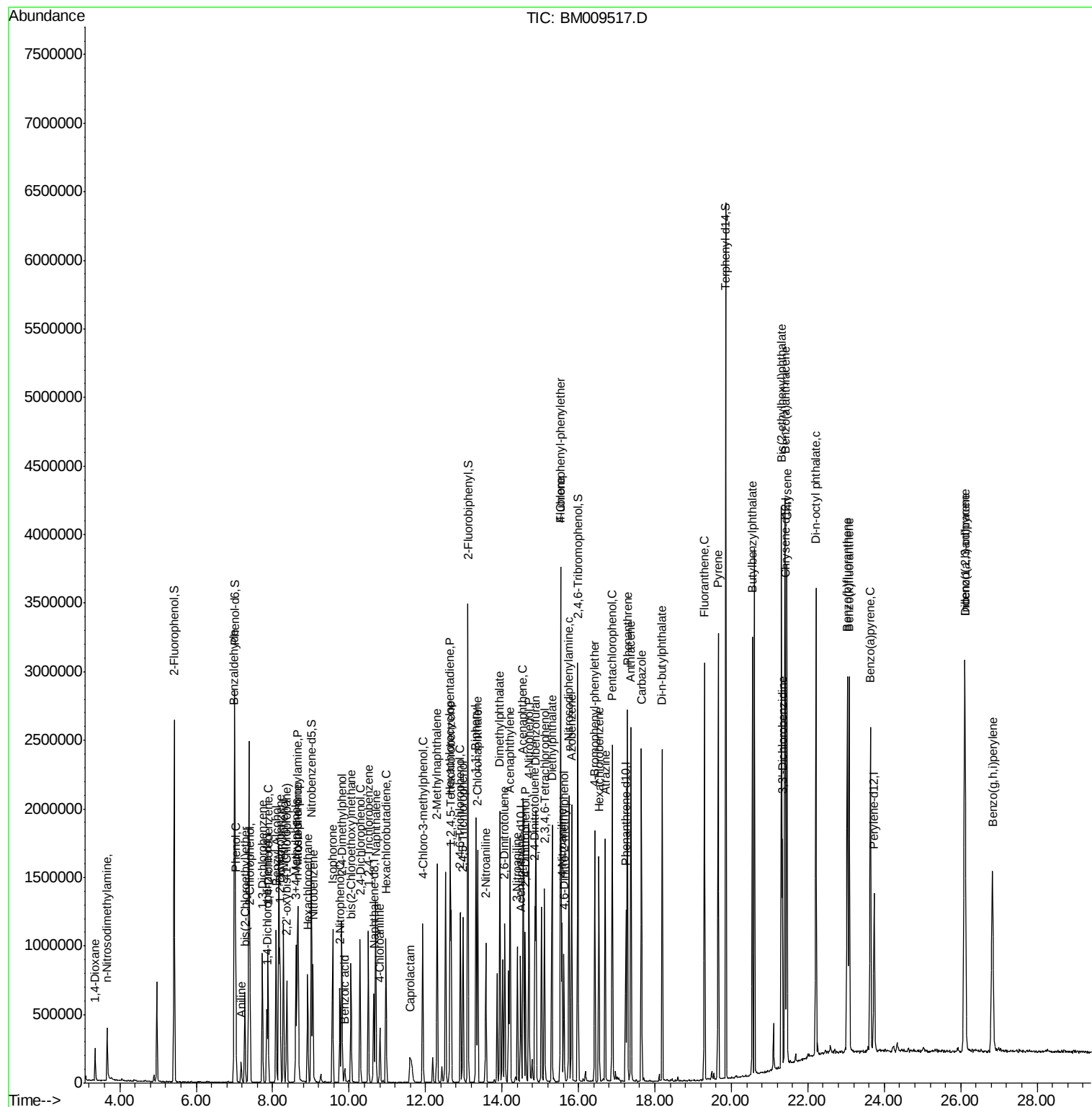
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.98	196	269790	39.20	nq	# 88
45) 1,1'-Biphenyl	13.32	154	880250	37.02	nq	96
46) 2-Chloronaphthalene	13.36	162	703657	38.10	nq	95
47) 2-Nitroaniline	13.57	65	284445	41.80	nq	# 68
48) Acenaphthylene	14.21	152	1128540	37.51	nq	99
49) Dimethylphthalate	13.95	163	1065868	48.58	nq	# 99
50) 2,6-Dinitrotoluene	14.07	165	194639	41.17	nq	# 68
51) Acenaphthene	14.56	154	688091	37.91	nq	99
52) 3-Nitroaniline	14.40	138	172341	37.00	nq	# 57
53) 2,4-Dinitrophenol	14.61	184	173547	56.18	nq	94
54) Dibenzofuran	14.89	168	1103313	41.10	nq	95
55) 4-Nitrophenol	14.70	139	322559	83.78	nq	# 16
56) 2,4-Dinitrotoluene	14.86	165	271831	42.50	nq	# 96
57) Fluorene	15.54	166	903407	37.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.11	232	253840	43.61	nq	# 100
59) Diethylphthalate	15.31	149	909755	40.88	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	466790	37.05	nq	99
61) 4-Nitroaniline	15.57	138	210758	41.66	nq	# 25
62) Azobenzene	15.82	77	1178581	45.36	nq	85
64) 4,6-Dinitro-2-methylphenol	15.62	198	162762	38.34	nq	91
65) n-Nitrosodiphenylamine	15.75	169	707183	34.55	nq	100
66) 4-Bromophenyl-phenylether	16.43	248	289743	37.11	nq	# 92
67) Hexachlorobenzene	16.54	284	315145	36.82	nq	# 92
68) Atrazine	16.70	200	271375	35.25	nq	96
69) Pentachlorophenol	16.89	266	393044	75.18	nq	98
70) Phenanthrene	17.28	178	1443738	37.46	nq	100
71) Anthracene	17.37	178	1489555	38.18	nq	99
72) Carbazole	17.64	167	1388365	37.16	nq	99
73) Di-n-butylphthalate	18.19	149	1556179	40.77	nq	# 97
74) Fluoranthene	19.29	202	1770972	38.80	nq	98
77) Pyrene	19.66	202	1842108	36.32	nq	97
79) Butylbenzylphthalate	20.54	149	731434	40.05	nq	# 74
80) Benzo(a)anthracene	21.40	228	1922829	36.81	nq	98
81) 3,3'-Dichlorobenzidine	21.33	252	429778	21.97	nq	# 94
82) Chrysene	21.45	228	1743626	34.96	nq	99
83) Bis(2-ethylhexyl)phthalate	21.31	149	1114758	40.90	nq	99
84) Di-n-octyl phthalate	22.21	149	1894033	41.76	nq	# 90
85) Indeno(1,2,3-cd)pyrene	26.10	276	2034175	37.40	nq	# 100
87) Benzo(b)fluoranthene	23.03	252	1908153	36.02	nq	# 94
88) Benzo(k)fluoranthene	23.08	252	1850128	36.31	nq	98
89) Benzo(a)pyrene	23.64	252	1800056	36.69	nq	100
90) Dibenzo(a,h)anthracene	26.11	278	1730132	36.00	nq	# 96
91) Benzo(g,h,i)perylene	26.83	276	1654795	35.32	nq	# 91

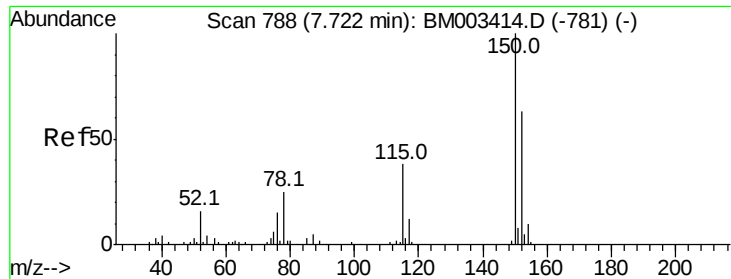
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

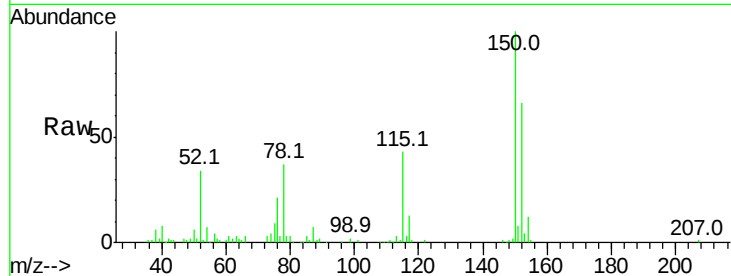
Tot Ion:152 Resp: 115440

Ion Ratio Lower Upper

152 100

150 151.5 119.5 179.3

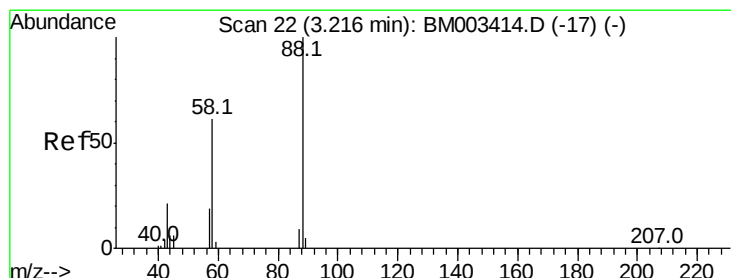
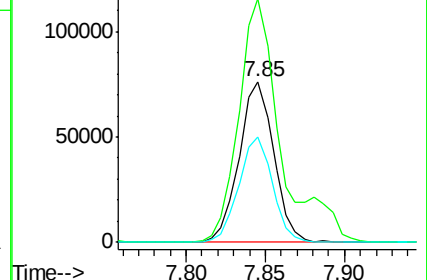
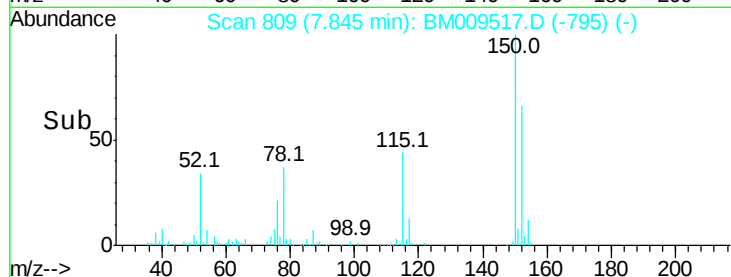
115 65.8 43.0 64.4#



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: 29.13 ng

RT: 3.36 min Scan# 46

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

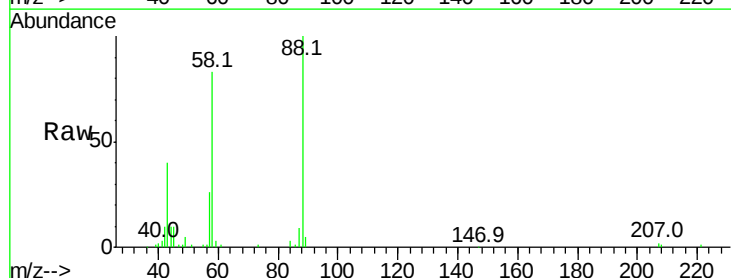
Tgt Ion: 88 Resp: 101442

Ion Ratio Lower Upper

88 100

58 83.4 0.0 0.0#

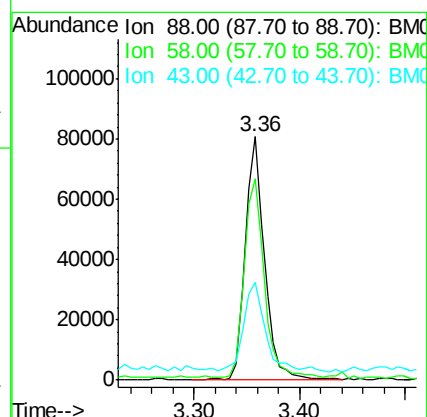
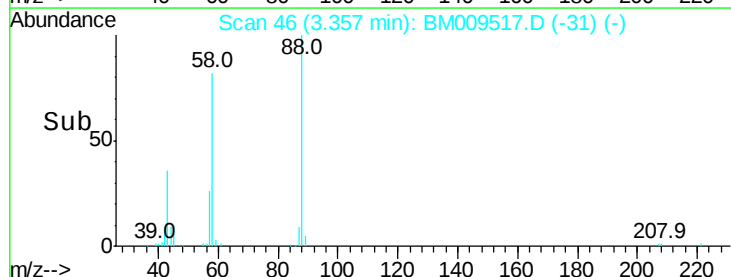
43 39.4 0.0 0.0#

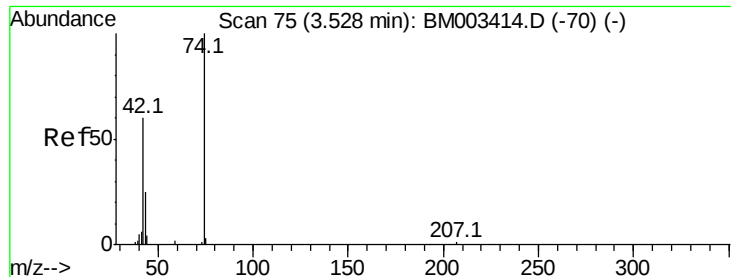


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#4

n-Nitrosodimethylamine

Concen: 37.92 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BM009517.D

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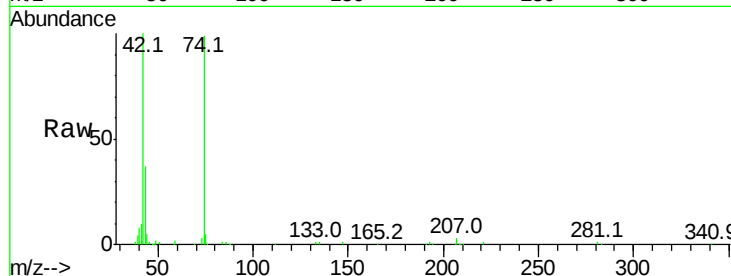
Tot Ion: 42 Resp: 198650

Ion Ratio Lower Upper

42 100

74 98.9 119.3 178.9#

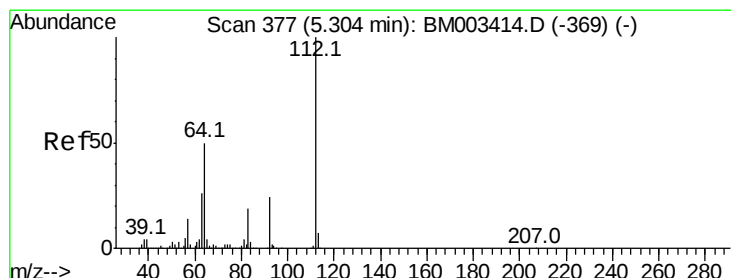
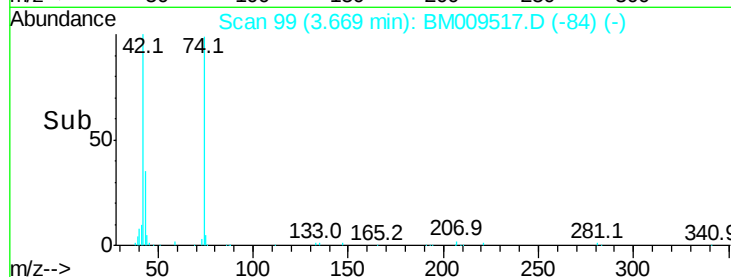
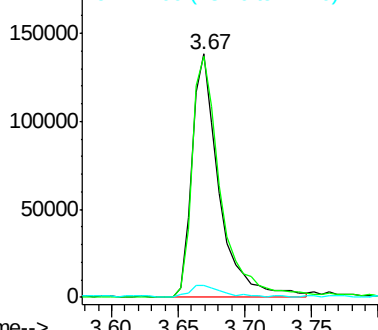
44 5.1 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BM003414.D (-70) (-)

Ion 74.00 (73.70 to 74.70): BM003414.D (-70) (-)

Ion 44.00 (43.70 to 44.70): BM003414.D (-70) (-)



#5

2-Fluorophenol

Concen: 124.28 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

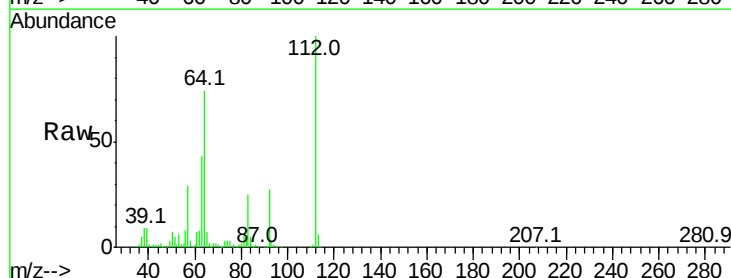
Tgt Ion: 112 Resp: 860724

Ion Ratio Lower Upper

112 100

64 73.9 38.6 57.8#

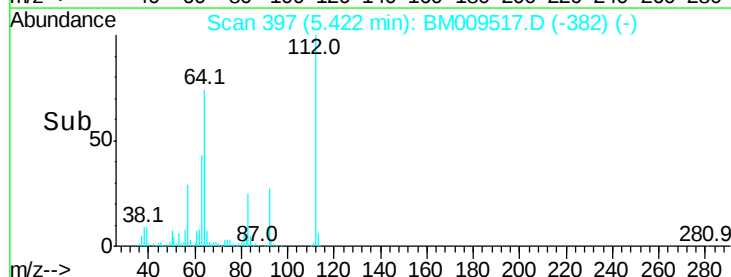
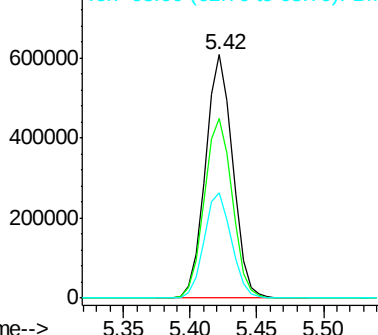
63 43.4 19.3 28.9#

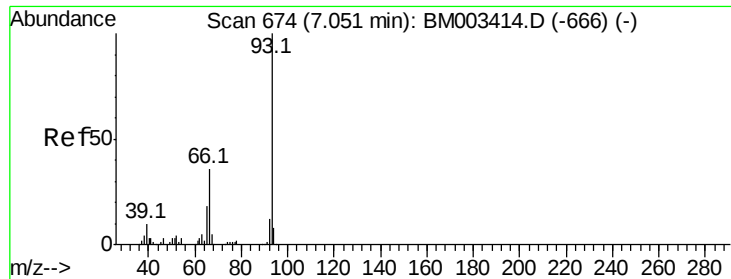


Abundance Ion 112.00 (111.70 to 112.70): BM003414.D (-369) (-)

Ion 64.00 (63.70 to 64.70): BM003414.D (-369) (-)

Ion 63.00 (62.70 to 63.70): BM003414.D (-369) (-)





#6

Aniline

Concen: 6.28 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

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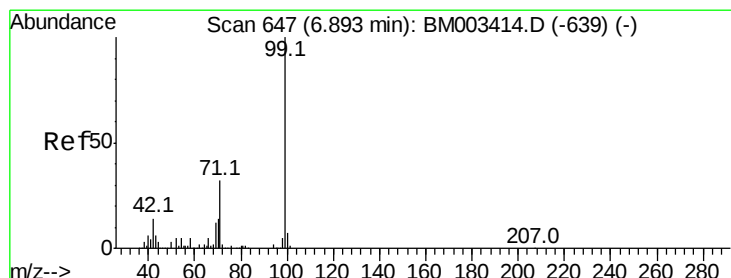
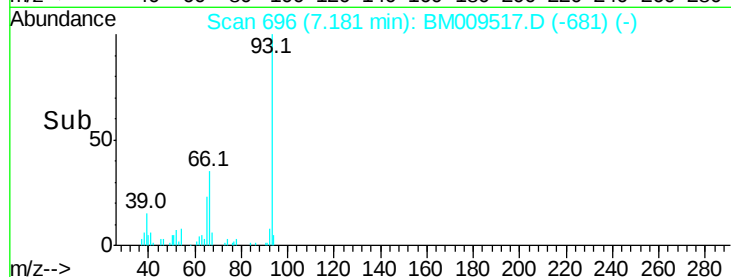
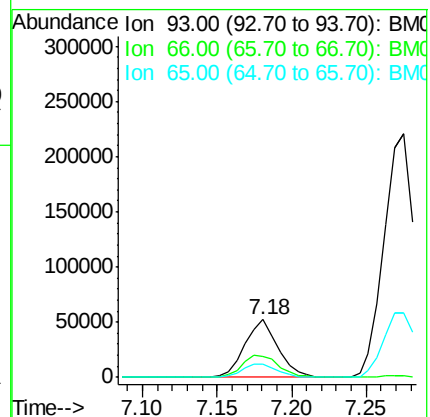
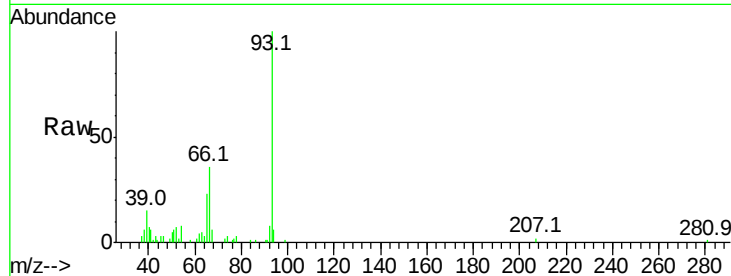
Tot Ion: 93 Resp: 80652

Ion Ratio Lower Upper

93 100

66 35.6 30.8 46.2

65 23.1 16.0 24.0



#7

Phenol-d6

Concen: 130.75 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

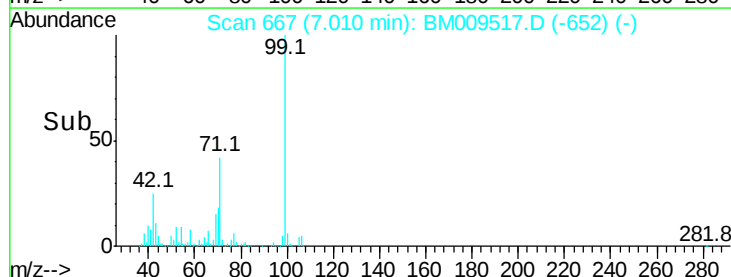
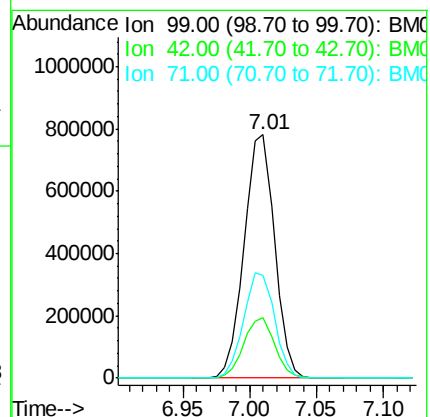
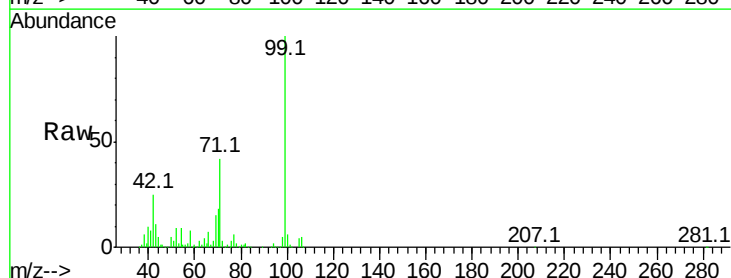
Tgt Ion: 99 Resp: 1234856

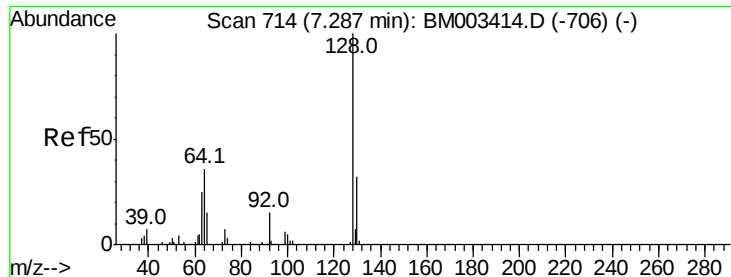
Ion Ratio Lower Upper

99 100

42 24.8 11.0 16.4#

71 42.5 23.4 35.2#





#8

2-Chlorophenol

Concen: 43.96 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

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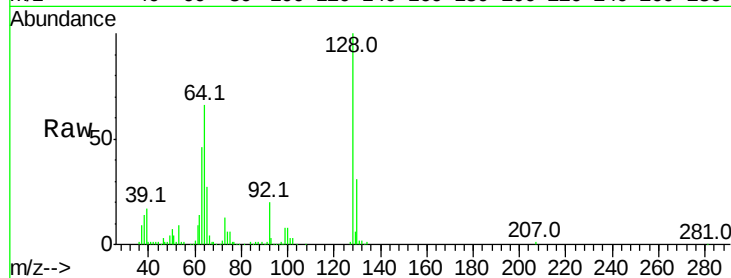
Tot Ion:128 Resp: 308685

Ion Ratio Lower Upper

128 100

130 30.5 12.0 52.0

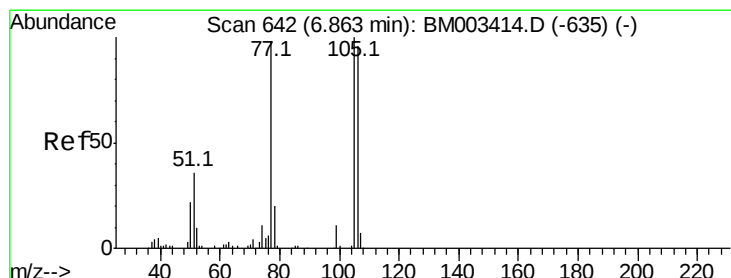
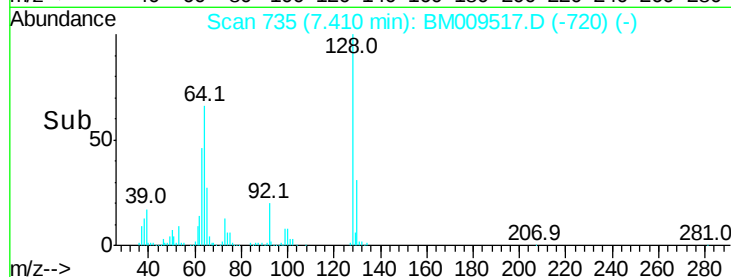
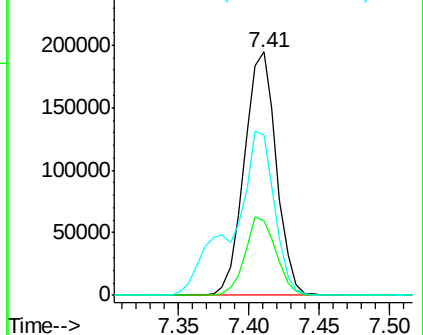
64 66.1 24.9 64.9#



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 34.26 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

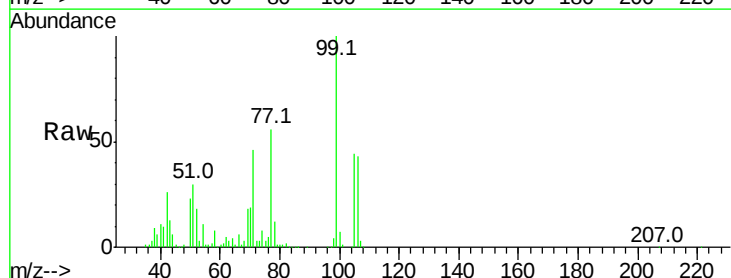
Tgt Ion: 77 Resp: 254655

Ion Ratio Lower Upper

77 100

105 78.3 78.8 118.8#

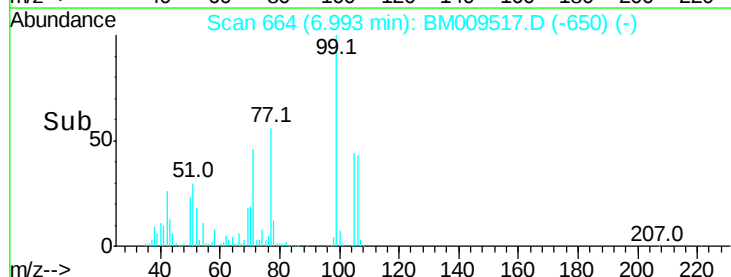
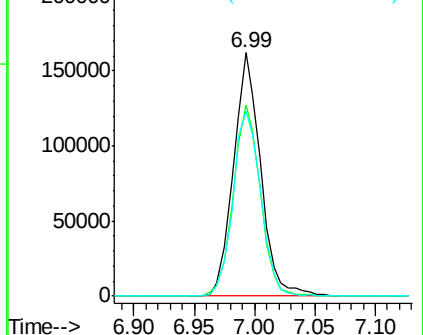
106 76.0 73.7 113.7

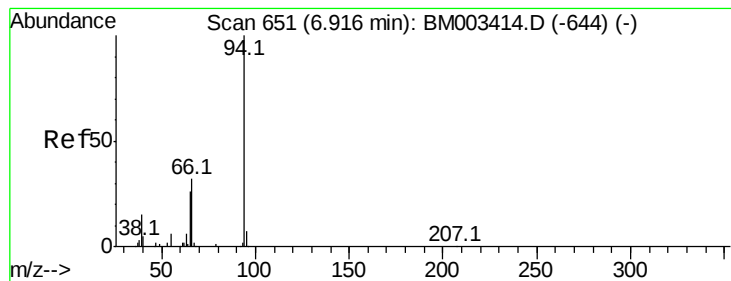


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 44.74 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

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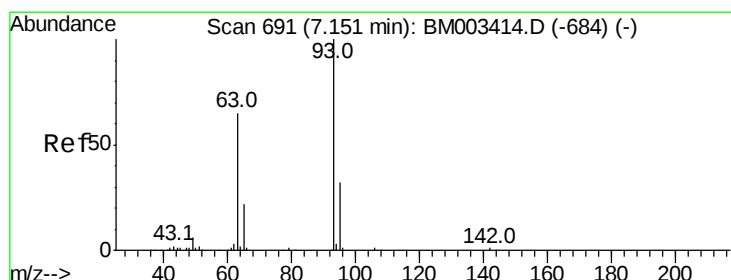
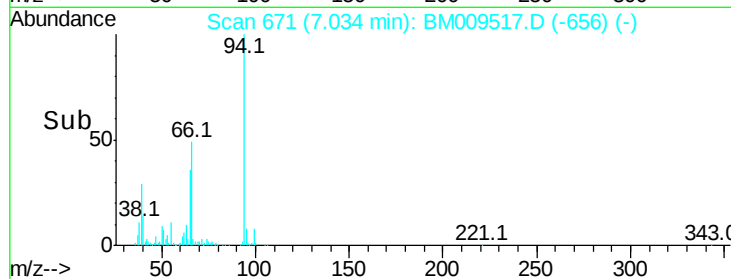
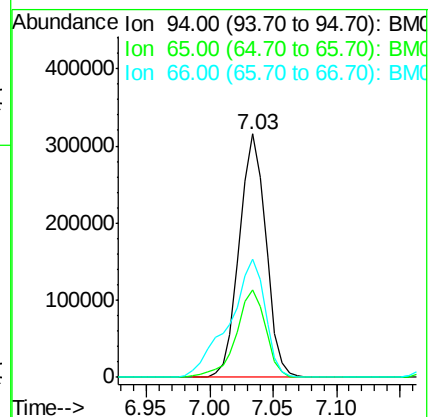
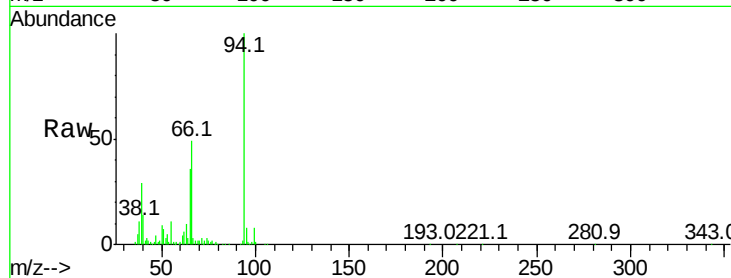
Tot Ion: 94 Resp: 457816

Ion Ratio Lower Upper

94 100

65 35.8 18.8 58.8

66 48.8 39.9 79.9



#11

bis(2-Chloroethyl)ether

Concen: 38.83 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

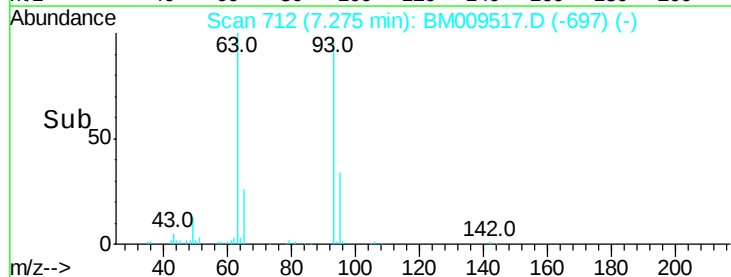
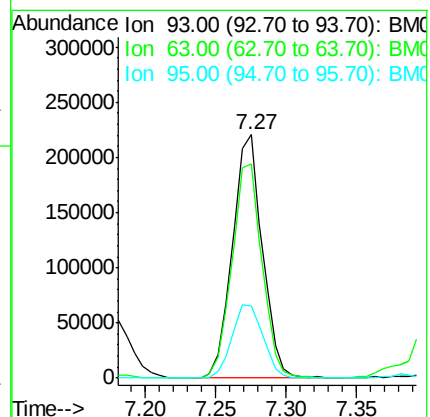
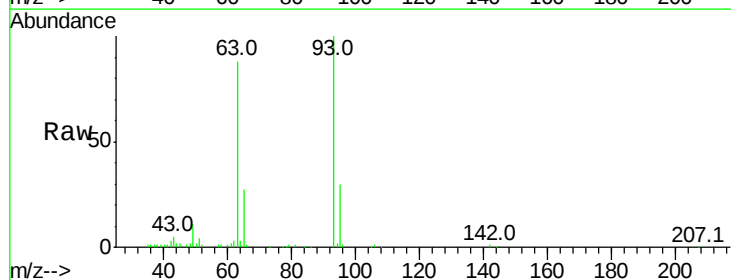
Tgt Ion: 93 Resp: 325693

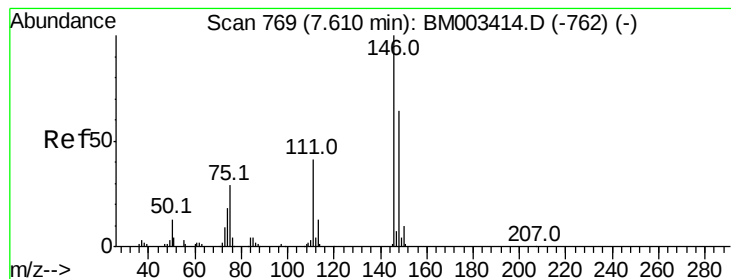
Ion Ratio Lower Upper

93 100

63 87.9 49.5 89.5

95 29.5 13.5 53.5





#12

1,3-Dichlorobenzene

Concen: 37.58 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

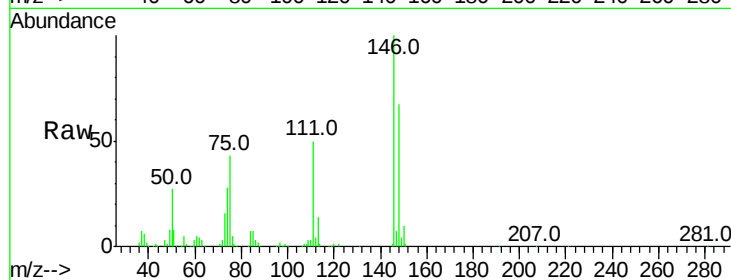
Tot Ion:146 Resp: 315968

Ion Ratio Lower Upper

146 100

148 66.8 50.9 76.3

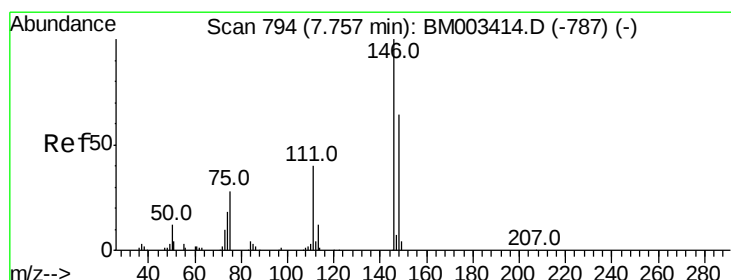
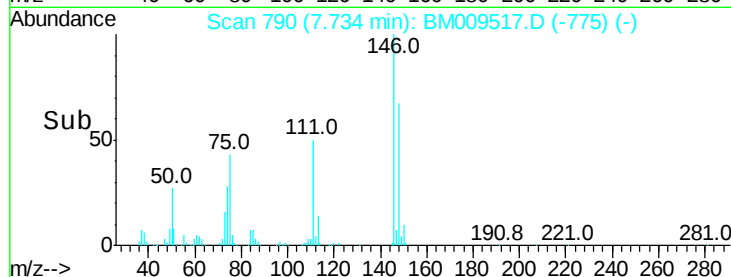
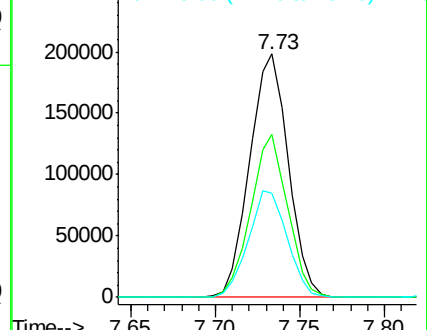
75 42.7 21.4 32.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BM



#13

1,4-Dichlorobenzene

Concen: 37.71 ng

RT: 7.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

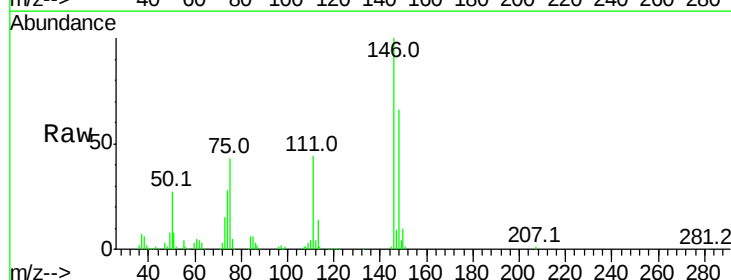
Tgt Ion:146 Resp: 327579

Ion Ratio Lower Upper

146 100

148 65.8 51.9 77.9

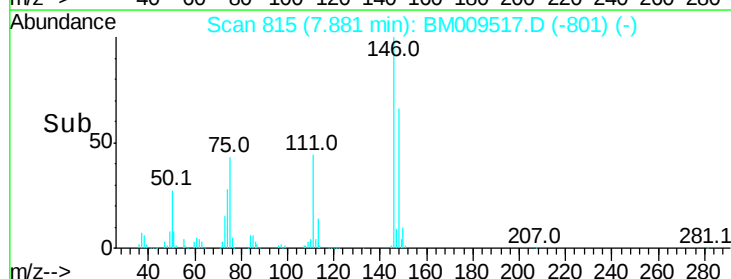
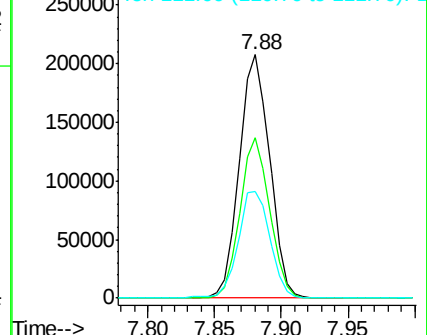
111 44.0 29.2 43.8#

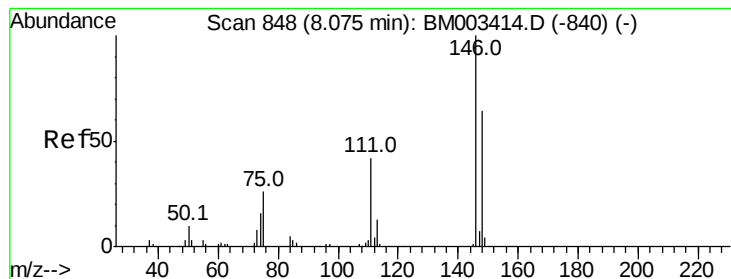


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 37.17 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

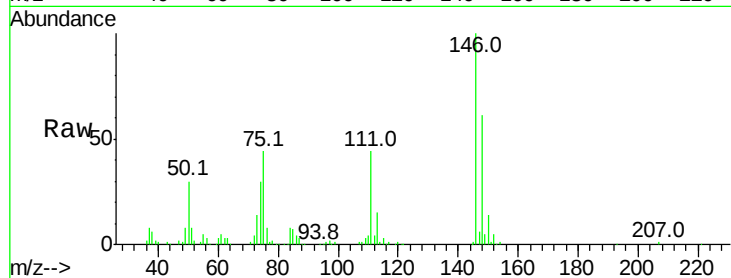
Tot Ion:146 Resp: 313525

Ion Ratio Lower Upper

146 100

148 61.4 52.3 78.5

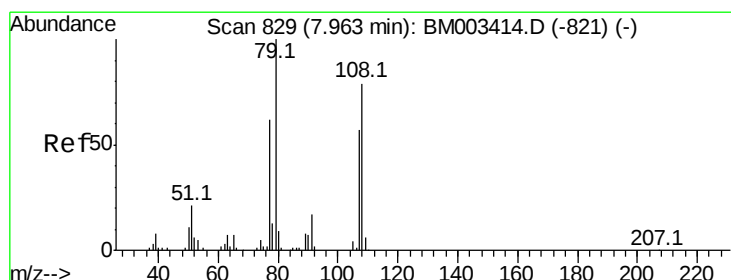
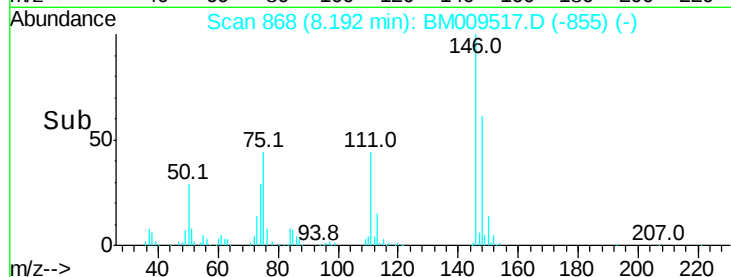
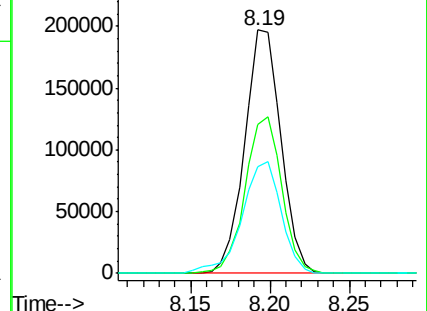
111 43.9 30.6 45.8



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: 43.21 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

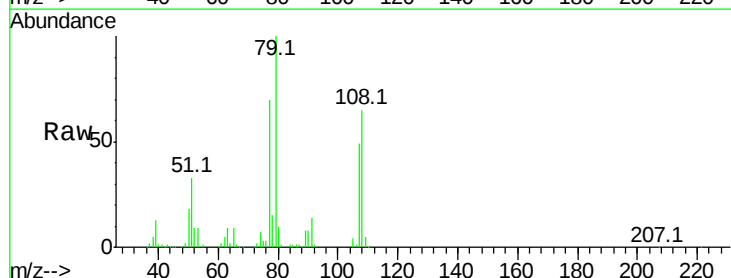
Tgt Ion: 79 Resp: 356758

Ion Ratio Lower Upper

79 100

108 65.2 65.0 97.4

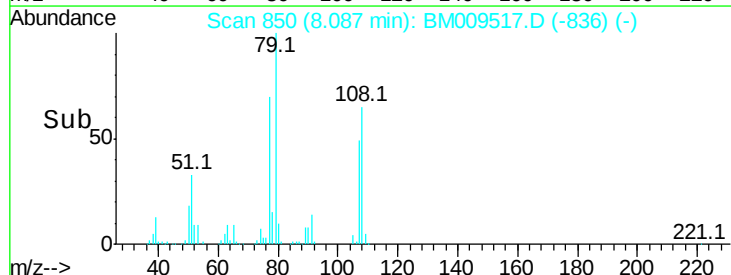
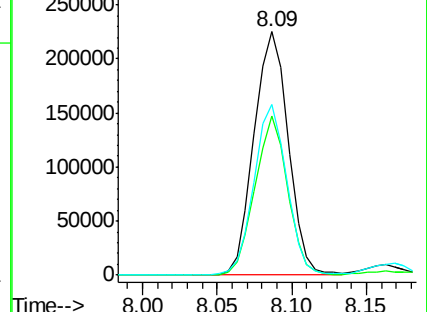
77 69.9 53.0 79.6

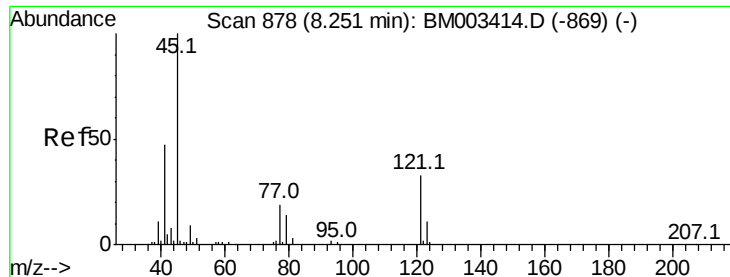


Abundance Ion 79.00 (78.70 to 79.70): BM

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

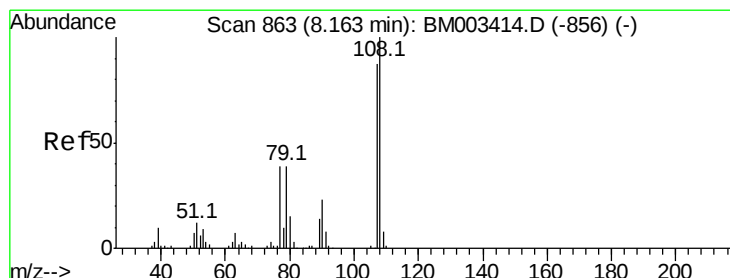
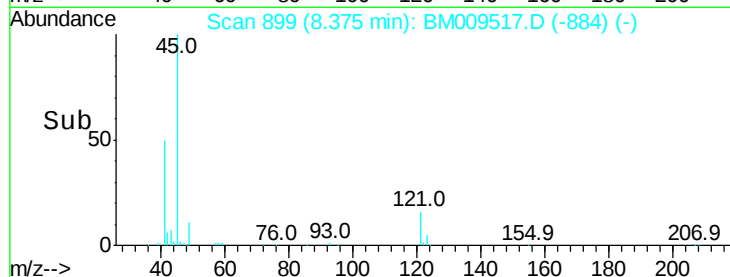
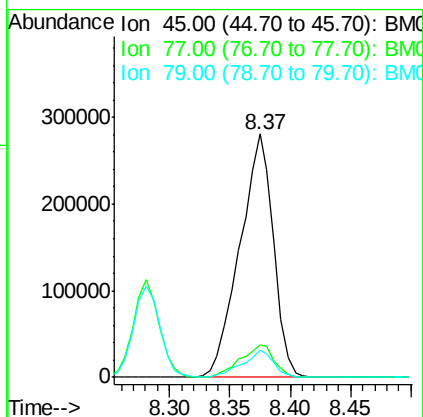
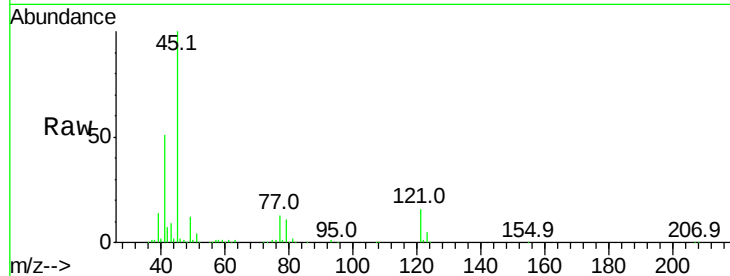




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 37.13 ng
RT: 8.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

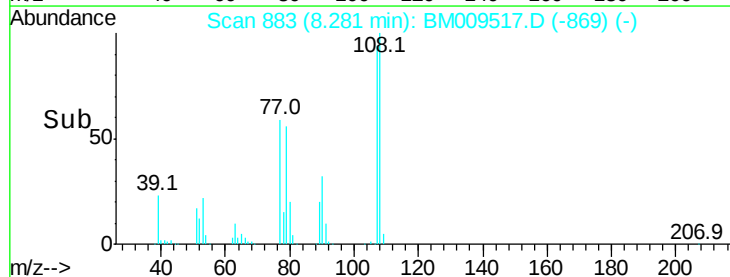
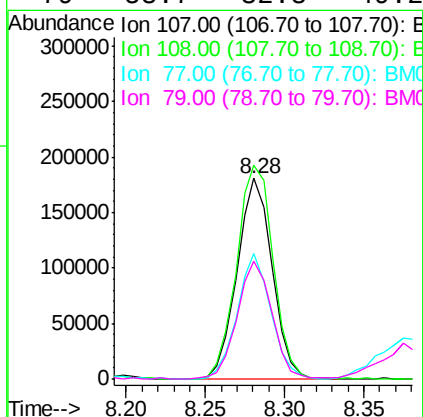
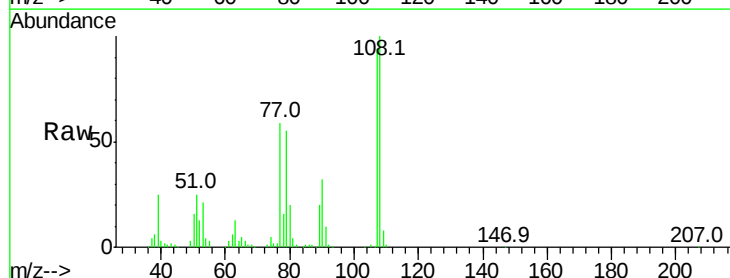
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

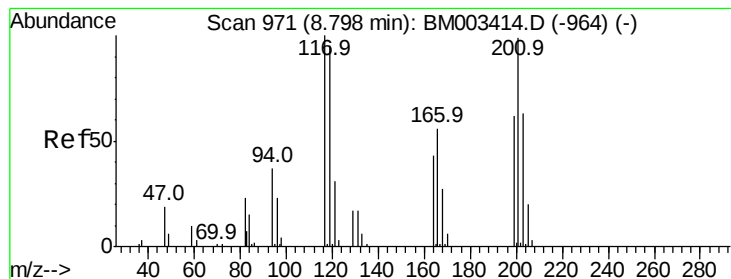
Tot Ion: 45 Resp: 541341
Ion Ratio Lower Upper
45 100
77 13.1 0.0 35.2
79 11.3 0.0 32.0



#17
2-Methylphenol
Concen: 41.26 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion:107 Resp: 276291
Ion Ratio Lower Upper
107 100
108 106.5 89.8 134.8
77 62.6 32.6 48.8#
79 58.7 32.8 49.2#





#18

Hexachloroethane

Concen: 37.13 ng

RT: 8.92 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

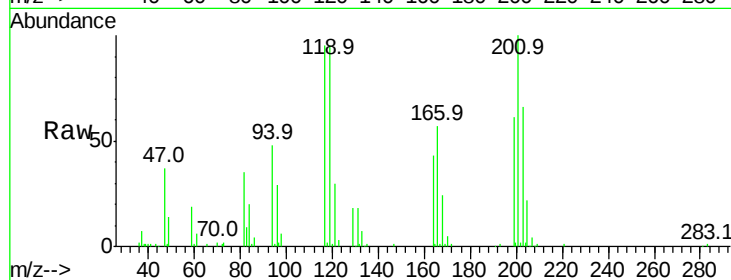
Tot Ion:117 Resp: 131942

Ion Ratio Lower Upper

117 100

119 100.0 79.2 118.8

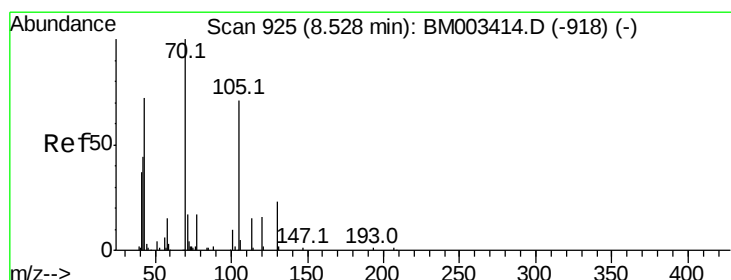
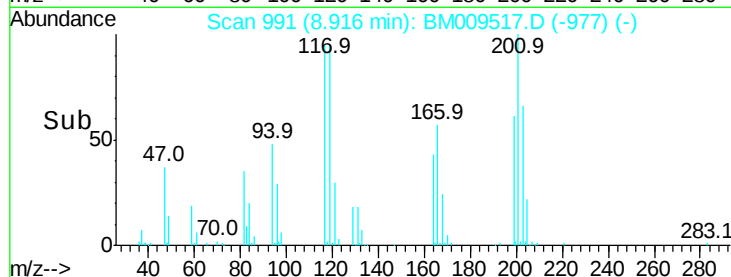
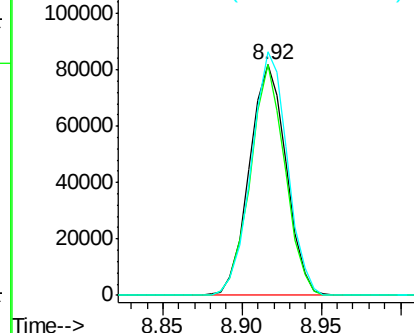
201 105.5 69.8 104.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 41.30 ng

RT: 8.65 min Scan# 945

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion: 70 Resp: 314469

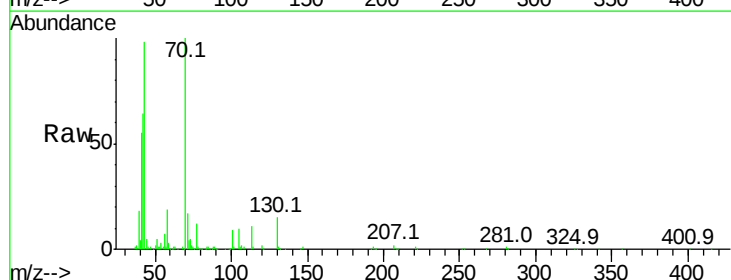
Ion Ratio Lower Upper

70 100

42 64.1 44.5 66.7

101 8.9 7.4 11.2

130 15.4 15.3 22.9

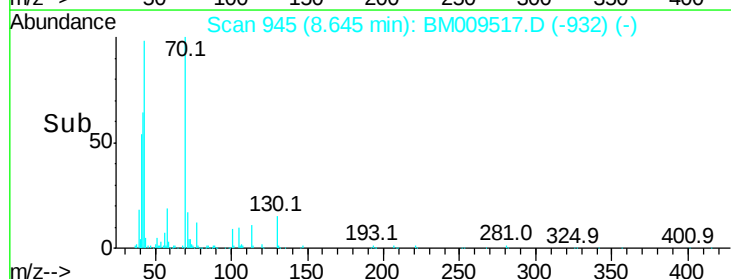
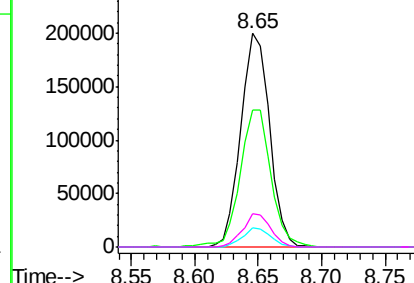


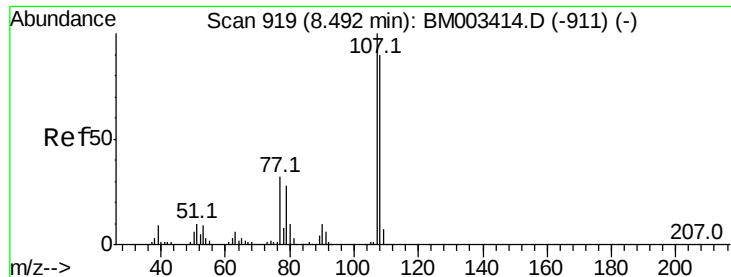
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

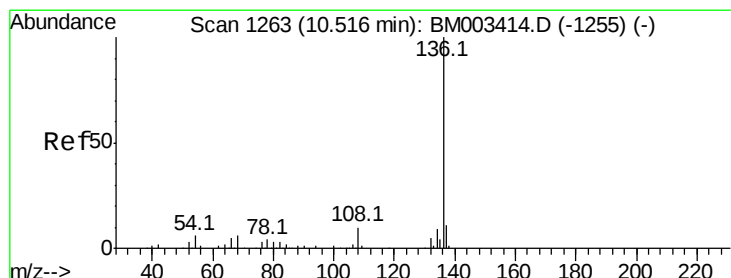
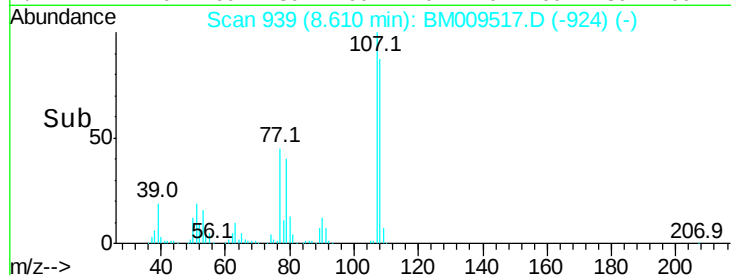
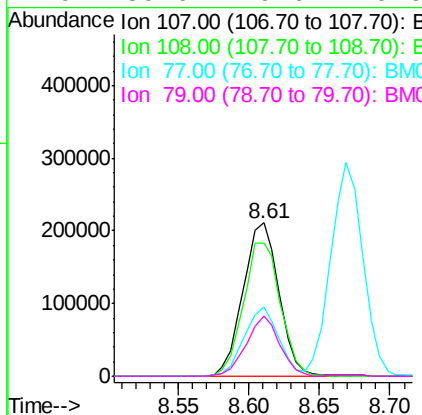
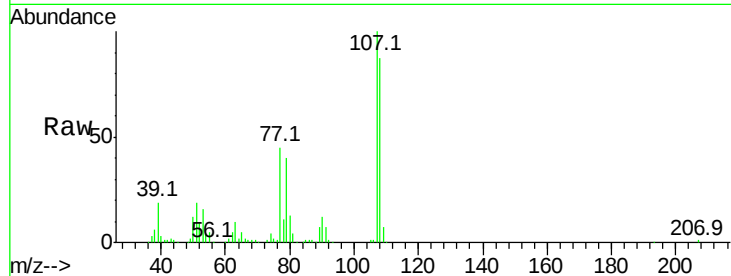




#20
3+4-Methylphenols
Concen: 41.57 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

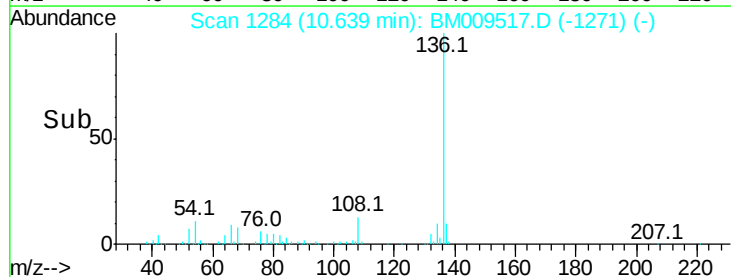
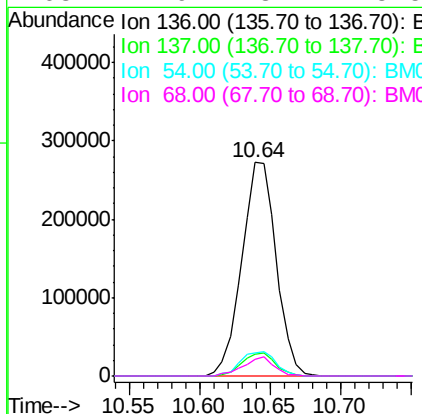
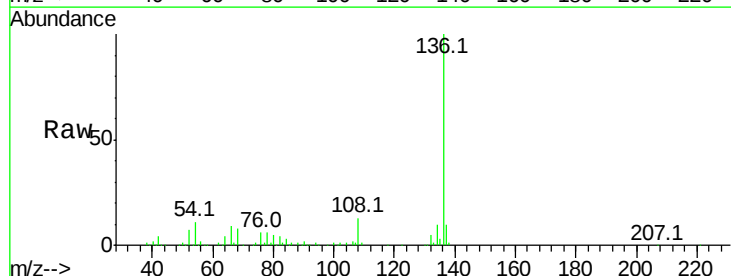
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

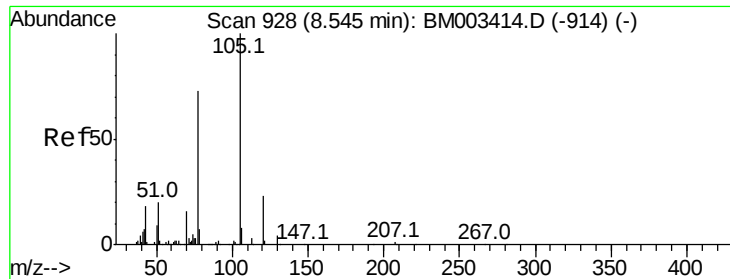
Tot Ion:	107	Resp:	378463
Ion	Ratio	Lower	Upper
107	100		
108	87.0	73.2	113.2
77	45.0	10.7	50.7
79	39.6	9.6	49.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion:	136	Resp:	464602
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	10.6	4.6	6.8#
68	7.9	3.7	5.5#





#22

Acetophenone

Concen: 39.29 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:105 Resp: 514851

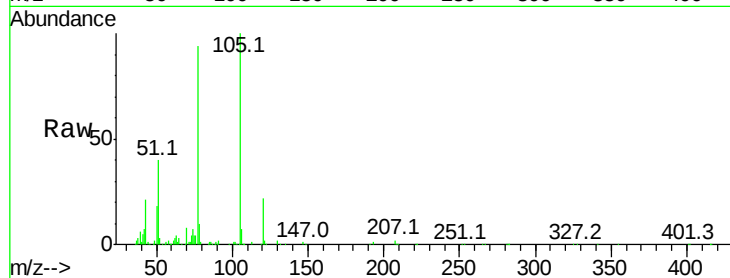
Ion Ratio Lower Upper

105 100

71 1.1 0.6 1.0#

51 39.9 21.6 32.4#

120 21.8 16.1 24.1

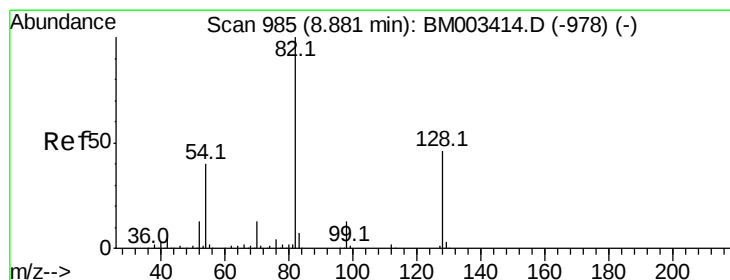
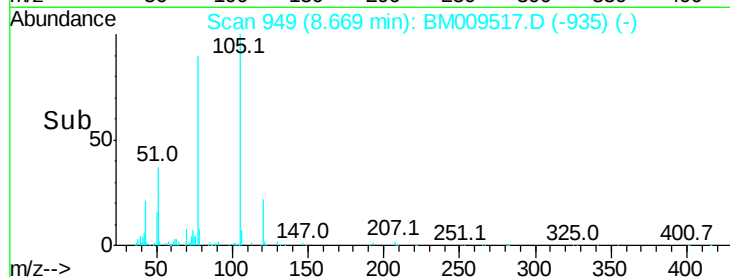
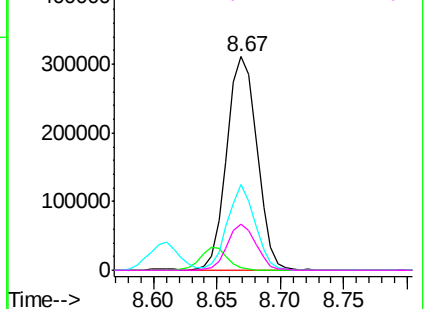


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 71.85 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

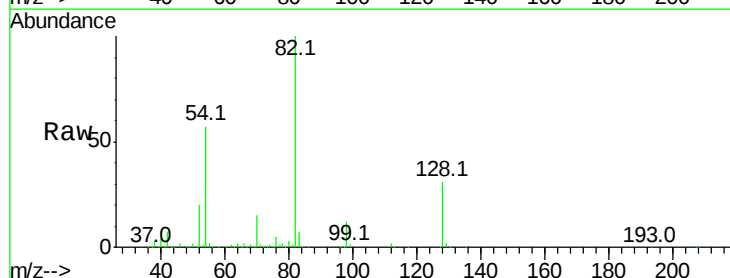
Tgt Ion: 82 Resp: 890266

Ion Ratio Lower Upper

82 100

128 31.1 32.8 49.2#

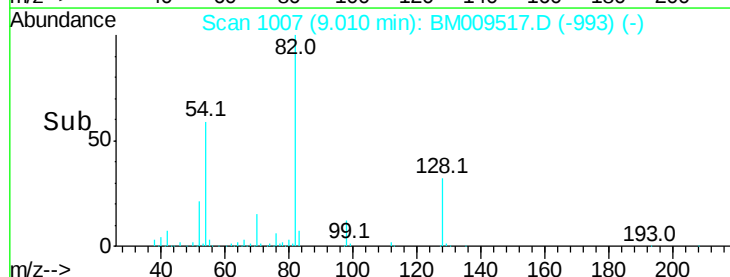
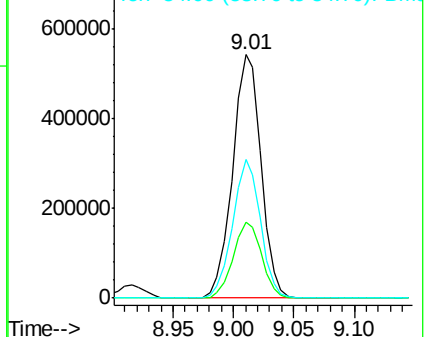
54 57.0 40.6 60.8

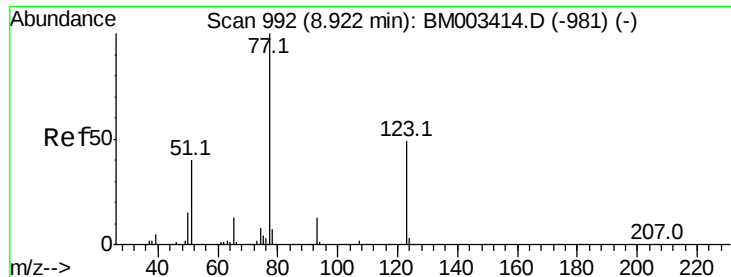


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





#24

Nitrobenzene

Concen: 38.45 ng

RT: 9.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

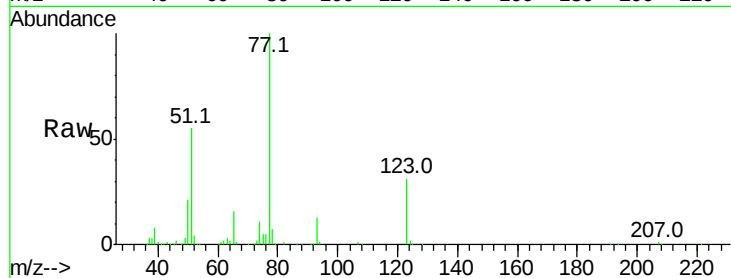
Tot Ion: 77 Resp: 466756

Ion Ratio Lower Upper

77 100

123 31.4 32.6 49.0#

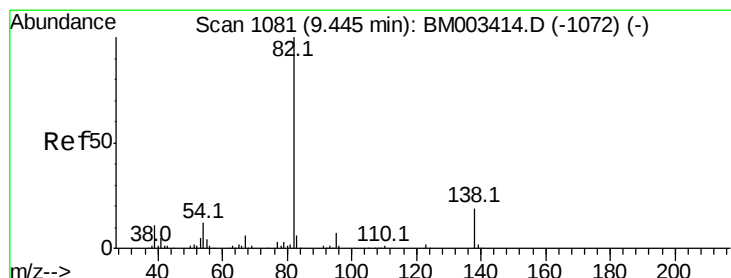
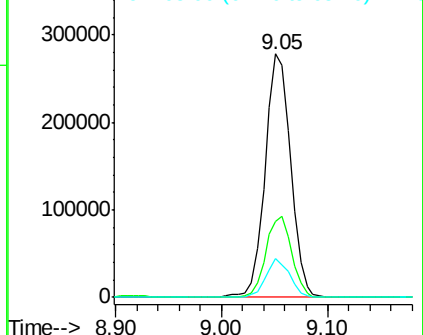
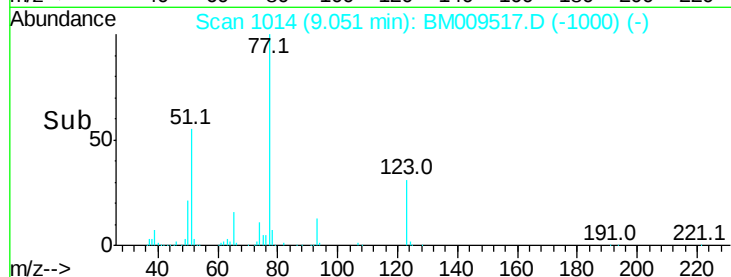
65 16.2 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BM009517.D (-1000) (-)

Ion 123.00 (122.70 to 123.70): BM009517.D (-1000) (-)

Ion 65.00 (64.70 to 65.70): BM009517.D (-1000) (-)



#25

Isophorone

Concen: 41.01 ng

RT: 9.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

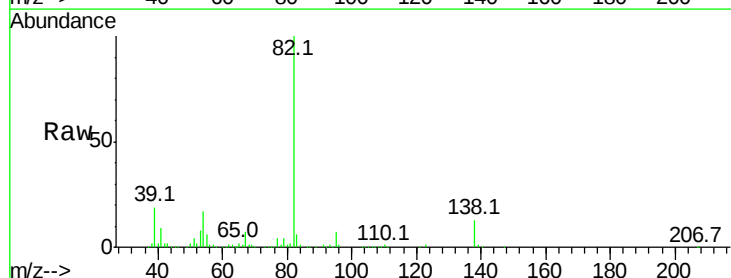
Tgt Ion: 82 Resp: 775285

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

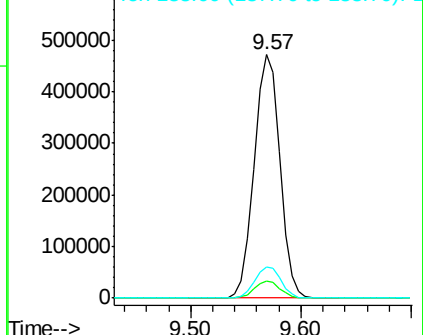
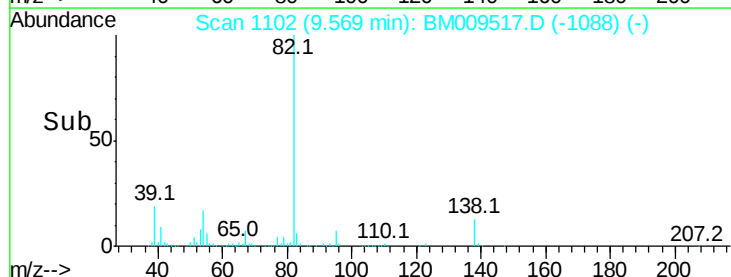
138 12.6 16.3 24.5#

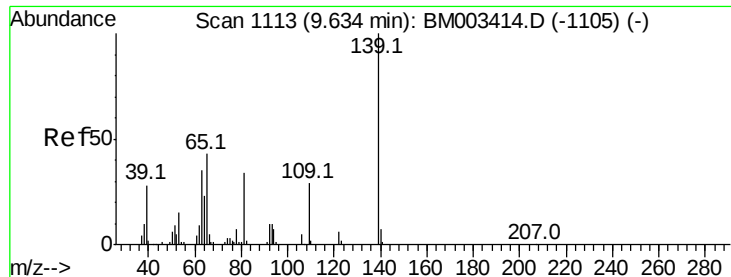


Abundance Ion 82.00 (81.70 to 82.70): BM009517.D (-1088) (-)

Ion 95.00 (94.70 to 95.70): BM009517.D (-1088) (-)

Ion 138.00 (137.70 to 138.70): BM009517.D (-1088) (-)

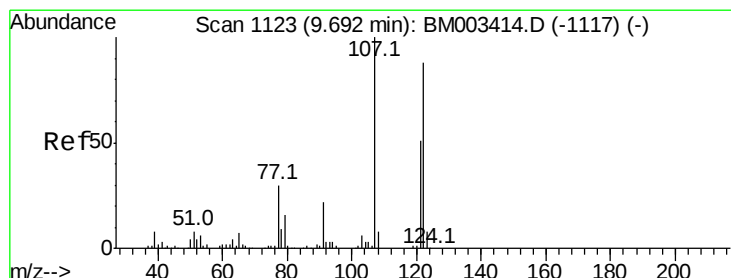
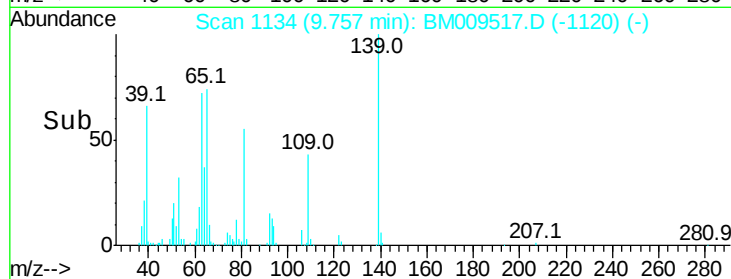
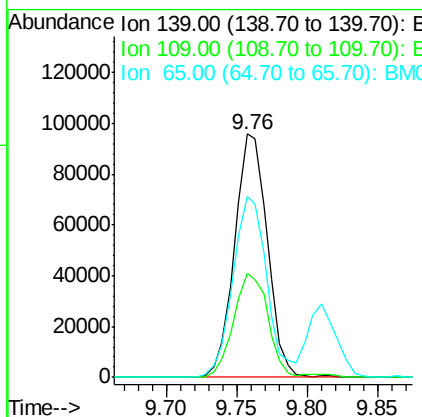
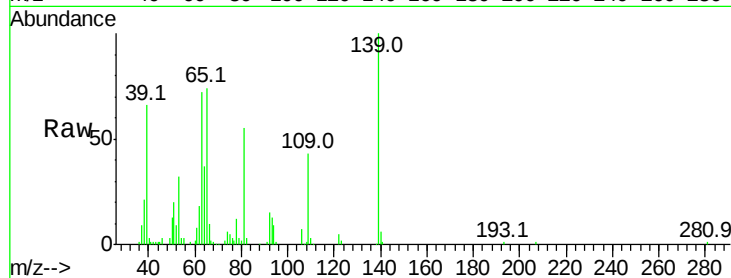




#26
2-Nitrophenol
Concen: 42.37 ng
RT: 9.76 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

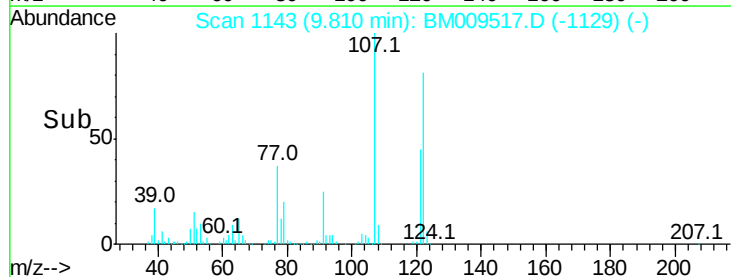
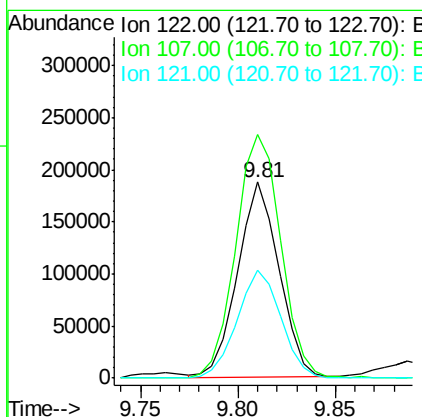
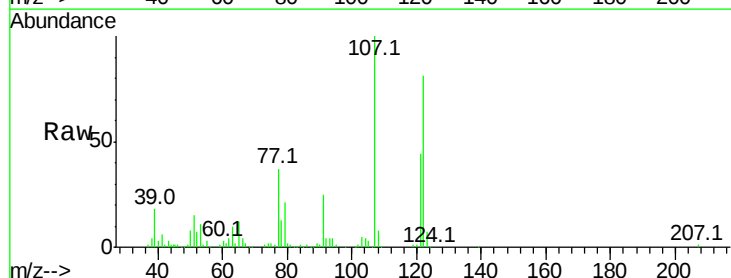
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

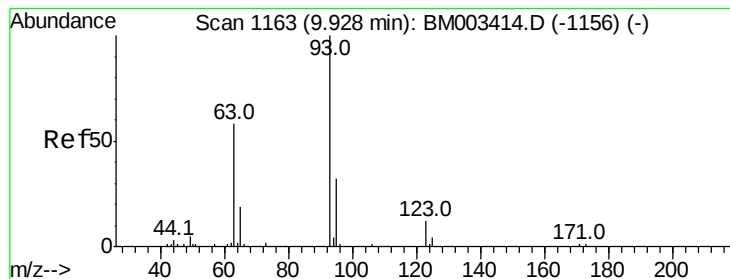
Tot Ion	Ratio	Lower	Upper
139	100		
109	42.9	20.1	30.1#
65	74.1	31.5	47.3#



#27
2,4-Dimethylphenol
Concen: 41.05 ng
RT: 9.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.1	84.7	127.1
121	55.2	46.6	69.8





#28

bis(2-Chloroethoxy)methane

Concen: 38.34 ng

RT: 10.05 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

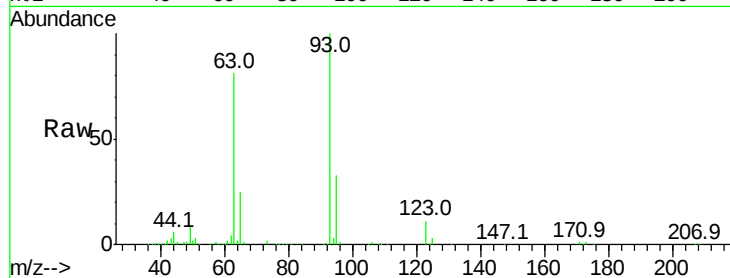
Tot Ion: 93 Resp: 448701

Ion Ratio Lower Upper

93 100

95 32.9 25.5 38.3

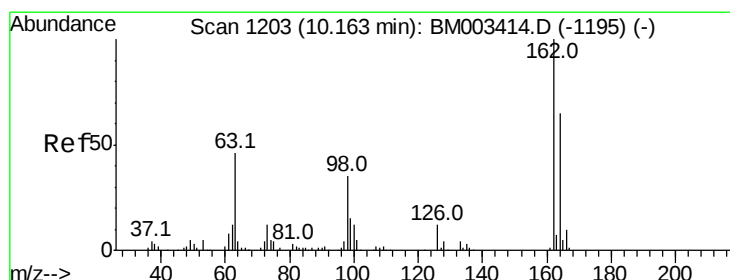
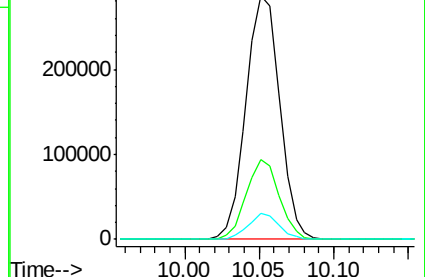
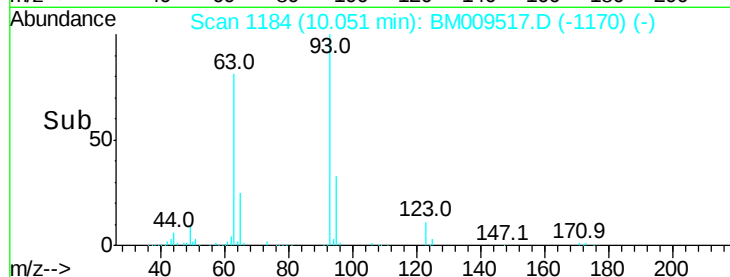
123 10.9 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BM003414.D (-1156) (-)

Ion 95.00 (94.70 to 95.70): BM003414.D (-1156) (-)

Ion 123.00 (122.70 to 123.70): BM003414.D (-1156) (-)



#29

2,4-Dichlorophenol

Concen: 41.23 ng

RT: 10.29 min Scan# 1224

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

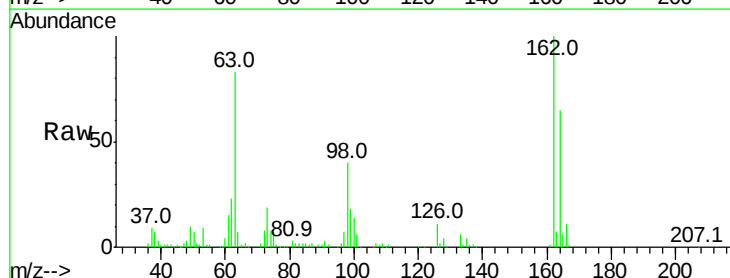
Tgt Ion:162 Resp: 288718

Ion Ratio Lower Upper

162 100

164 64.8 42.8 82.8

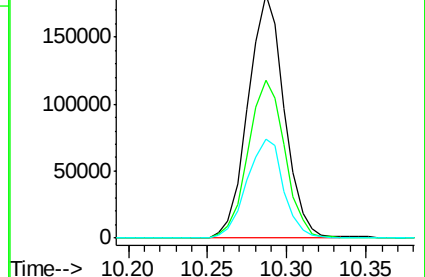
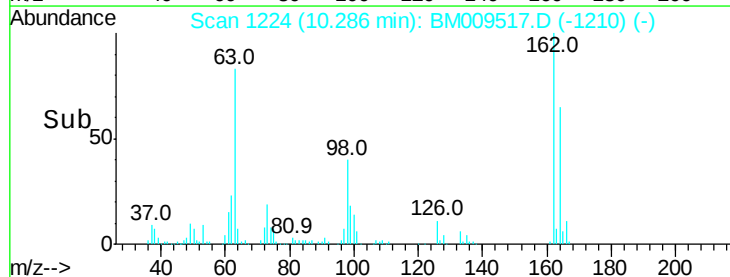
98 40.5 14.5 54.5

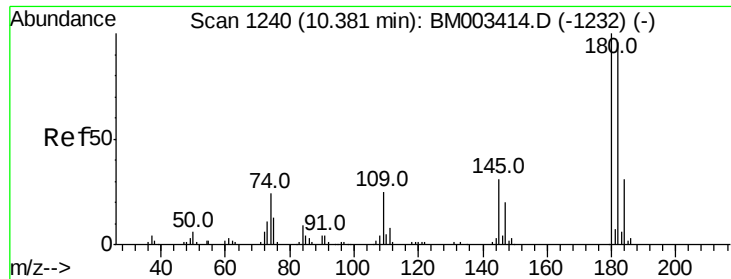


Abundance Ion 162.00 (161.70 to 162.70): BM003414.D (-1195) (-)

Ion 164.00 (163.70 to 164.70): BM003414.D (-1195) (-)

Ion 98.00 (97.70 to 98.70): BM003414.D (-1195) (-)

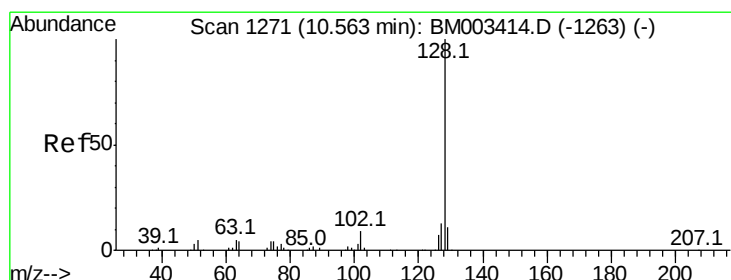
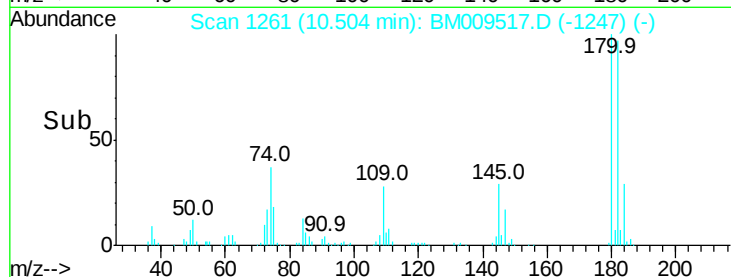
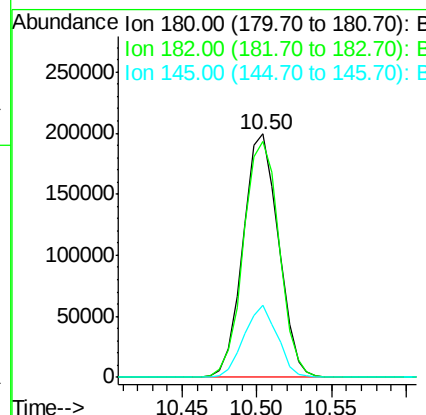
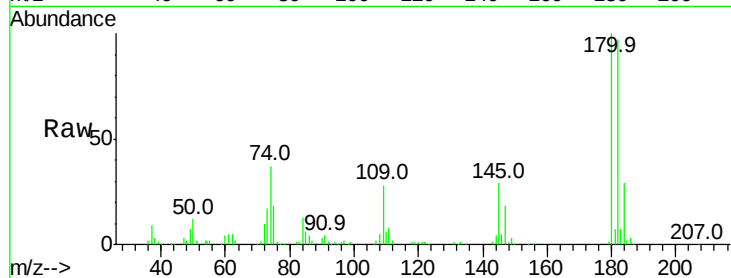




#30
 1,2,4-Trichlorobenzene
 Concen: 37.75 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

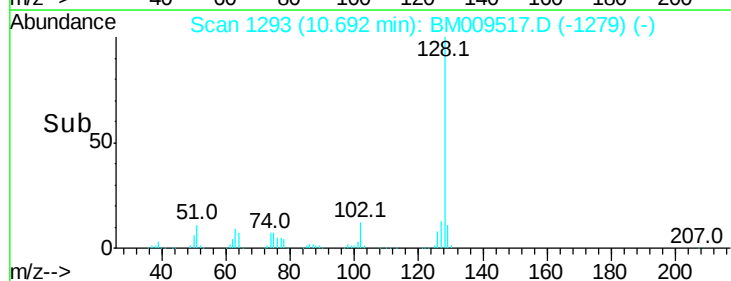
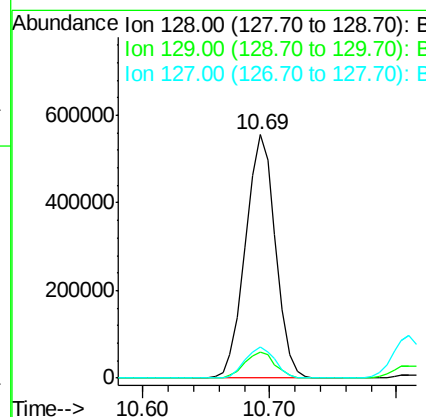
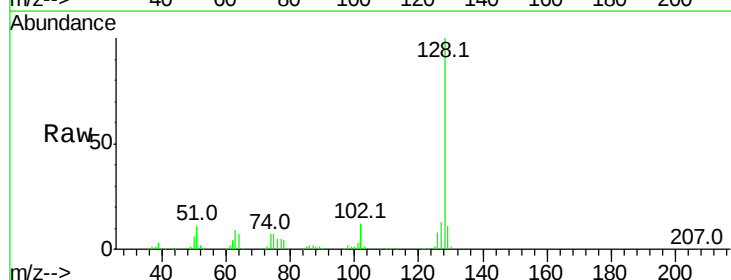
Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

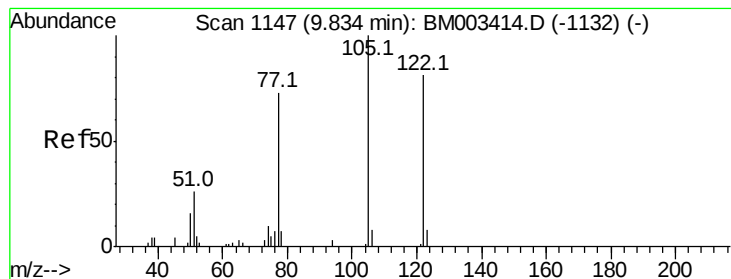
Tot Ion:180 Resp: 327977
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.6 116.4
 145 29.4 23.4 35.2



#31
 Naphthalene
 Concen: 36.96 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Tgt Ion:128 Resp: 911391
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.9 13.3
 127 13.0 10.4 15.6





#32

Benzoic acid

Concen: 9.50 ng

RT: 9.89 min Scan# 1156

Delta R.T. -0.06 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

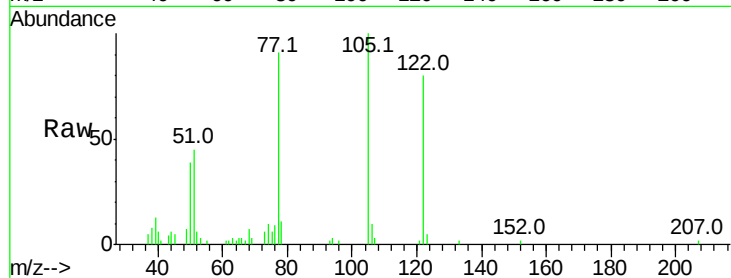
Tot Ion:122 Resp: 29901

Ion Ratio Lower Upper

122 100

105 125.5 99.9 139.9

77 114.7 73.7 113.7#

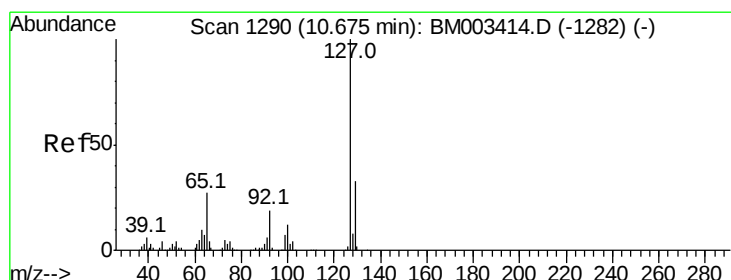
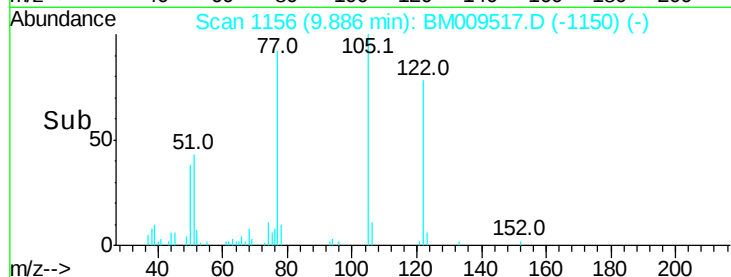
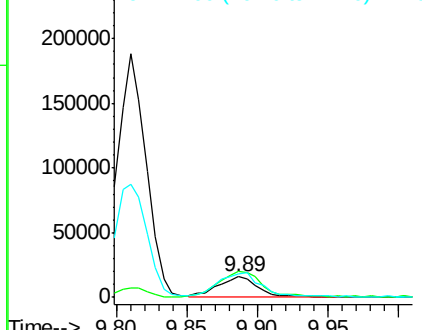


Abundance

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: 17.04 ng

RT: 10.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion:127 Resp: 162124

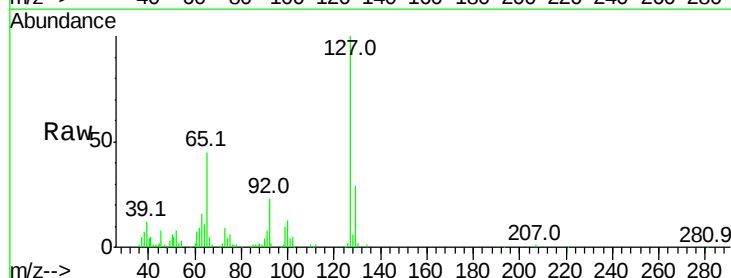
Ion Ratio Lower Upper

127 100

129 29.4 25.3 37.9

65 45.5 17.6 26.4#

92 22.9 13.1 19.7#



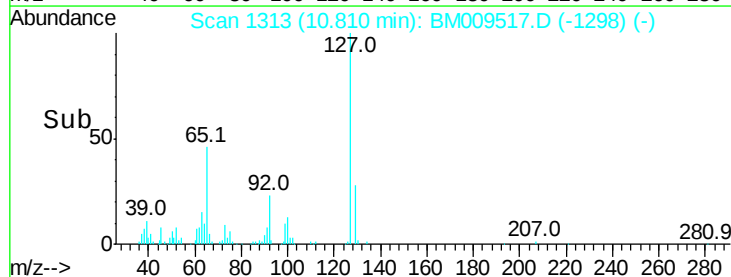
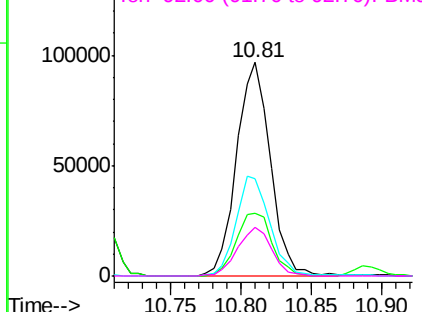
Abundance

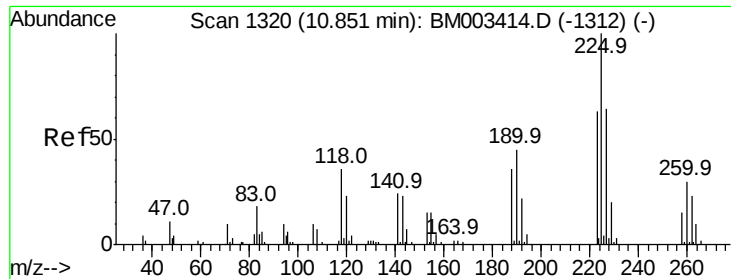
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM

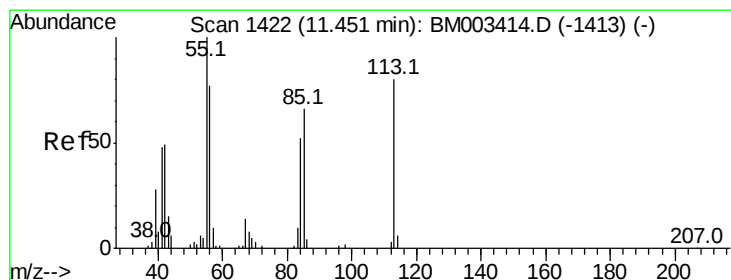
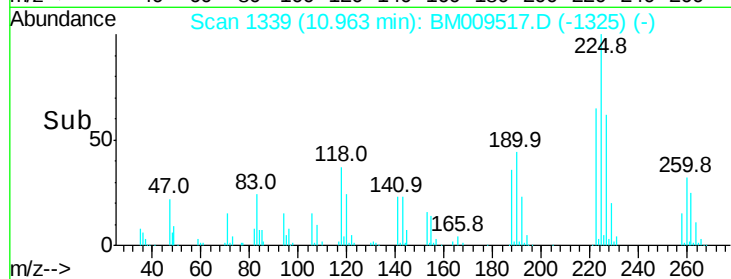
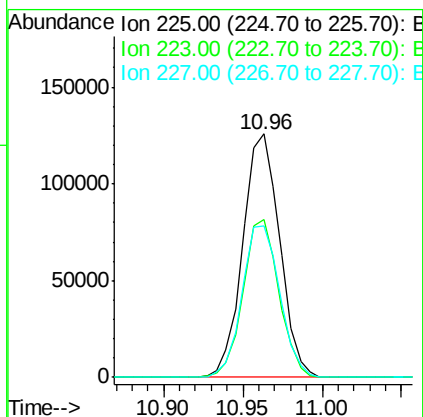
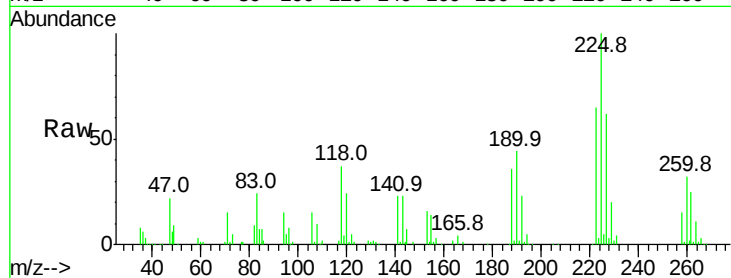




#34
Hexachlorobutadiene
Concen: 34.20 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

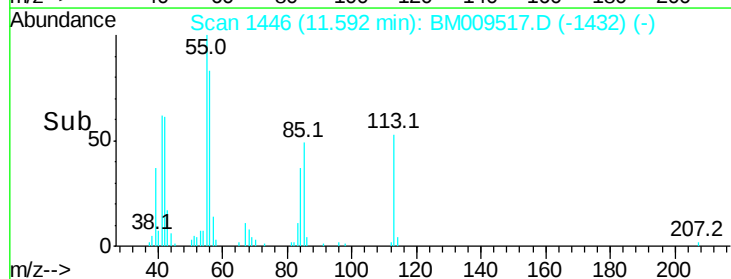
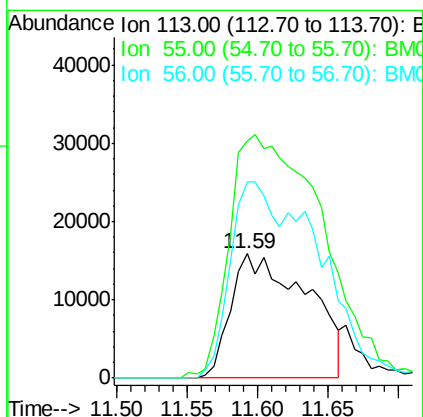
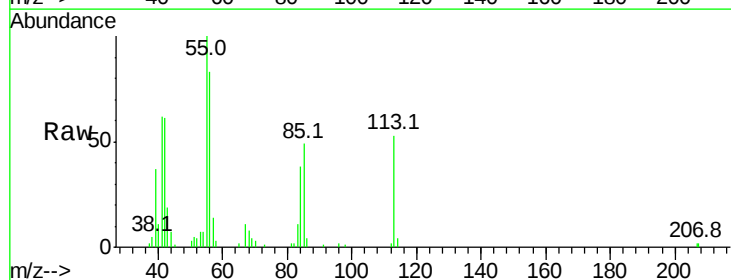
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

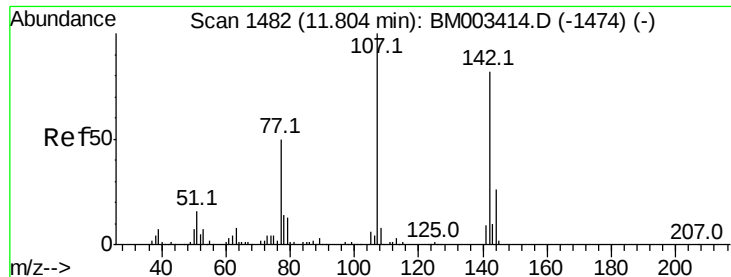
Tot Ion:225 Resp: 203459
Ion Ratio Lower Upper
225 100
223 65.0 47.9 71.9
227 62.2 50.1 75.1



#35
Caprolactam
Concen: 27.87 ng
RT: 11.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion:113 Resp: 59578
Ion Ratio Lower Upper
113 100
55 190.2 145.9 185.9#
56 157.8 101.0 141.0#

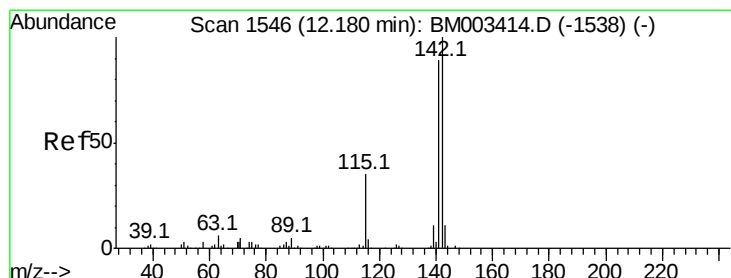
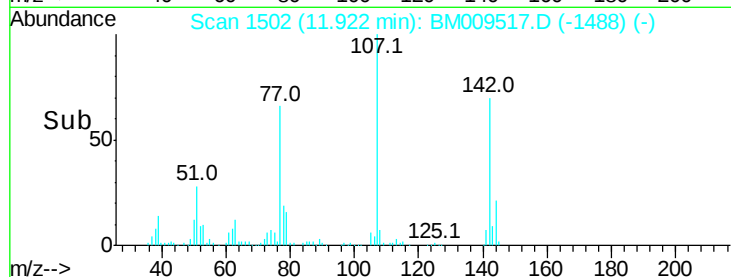
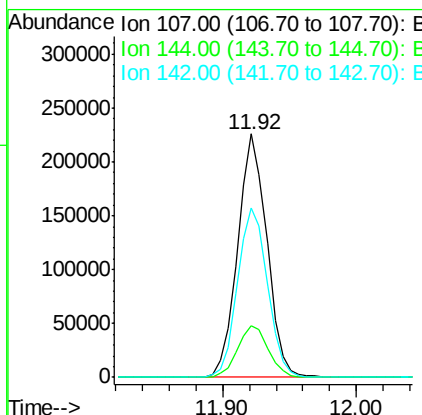
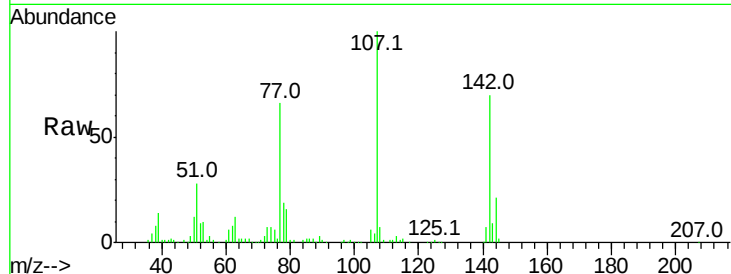




#36
 4-Chloro-3-methylphenol
 Concen: 43.15 ng
 RT: 11.92 min Scan# 1502
 Delta R.T. -0.02 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

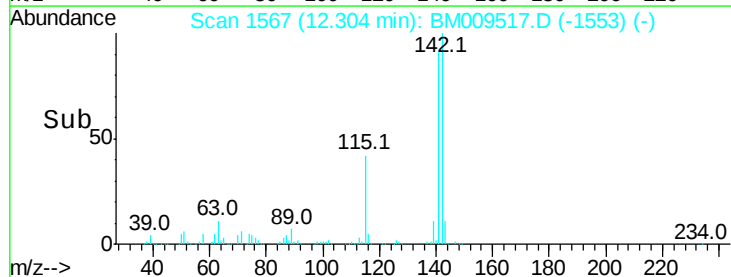
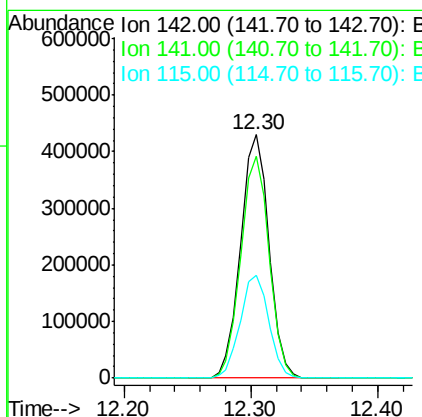
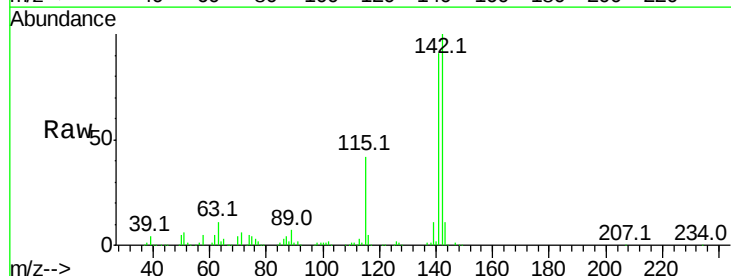
Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

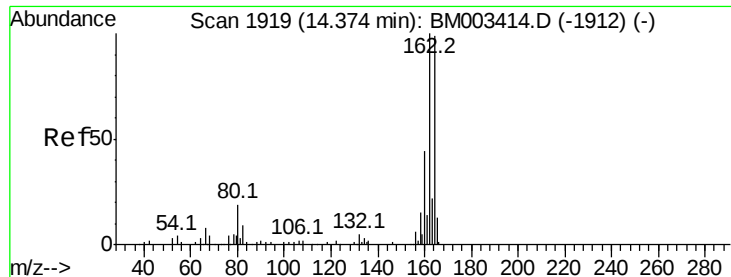
Tot Ion:107 Resp: 341845
 Ion Ratio Lower Upper
 107 100
 144 21.4 23.3 34.9#
 142 69.8 72.6 109.0#



#37
 2-Methylnaphthalene
 Concen: 39.14 ng
 RT: 12.30 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Tgt Ion:142 Resp: 666312
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.9 107.9
 115 42.4 25.4 38.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

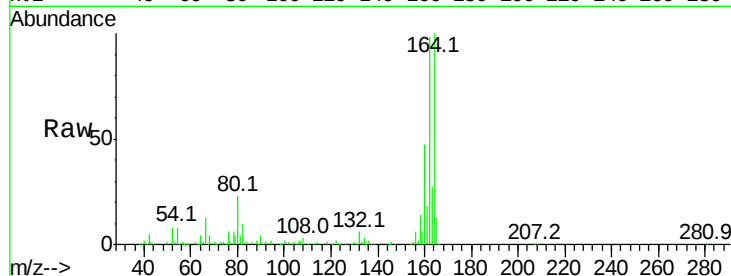
Tot Ion:164 Resp: 285731

Ion Ratio Lower Upper

164 100

162 98.1 82.4 123.6

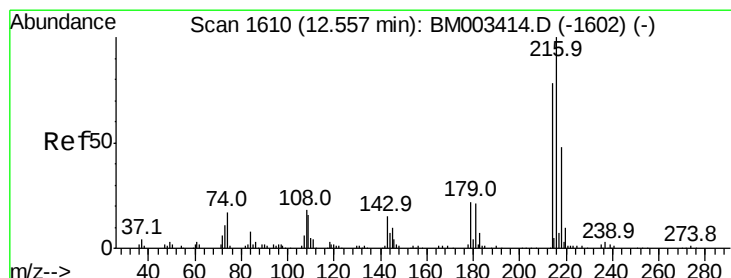
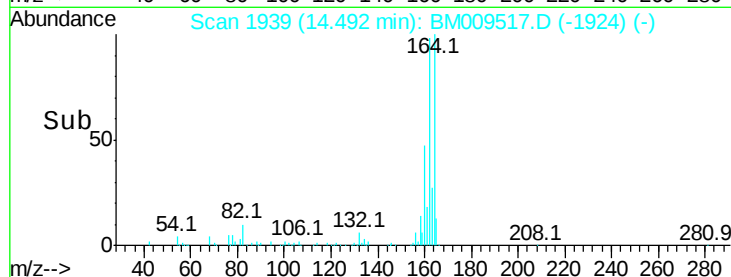
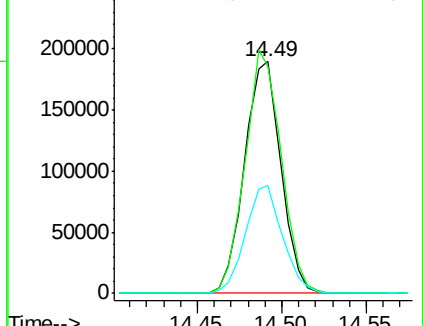
160 46.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.29 ng

RT: 12.67 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion:216 Resp: 380667

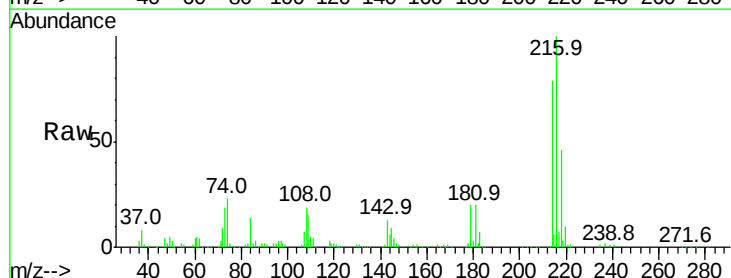
Ion Ratio Lower Upper

216 100

214 77.8 0.0 0.0#

179 20.1 0.0 0.0#

108 24.1 0.0 0.0#

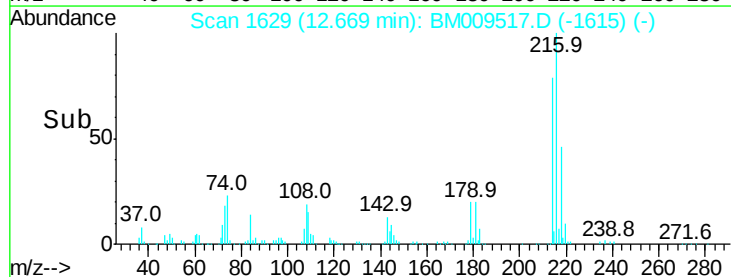
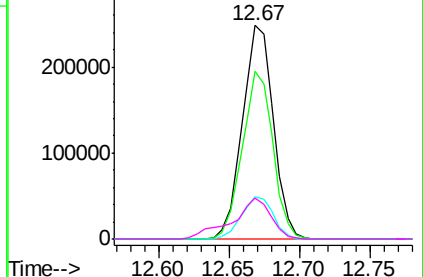


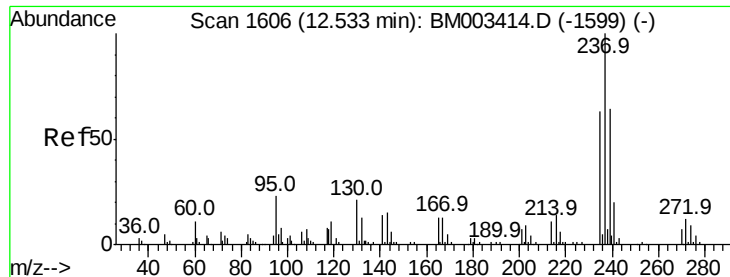
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 72.25 ng

RT: 12.64 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

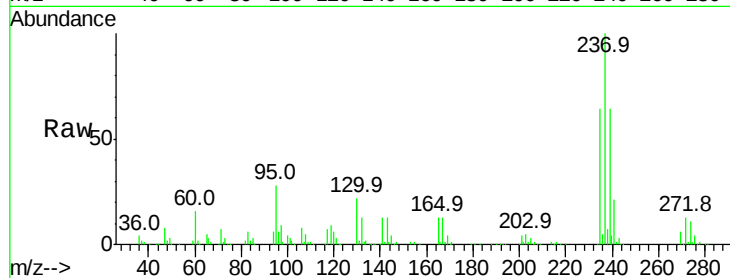
Tot Ion:237 Resp: 447328

Ion Ratio Lower Upper

237 100

235 63.6 42.0 82.0

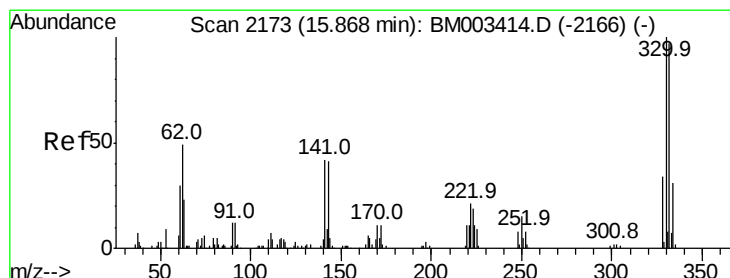
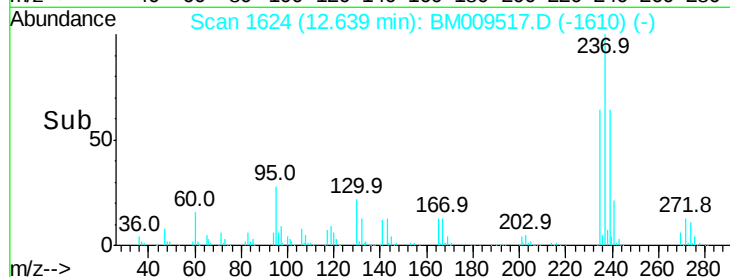
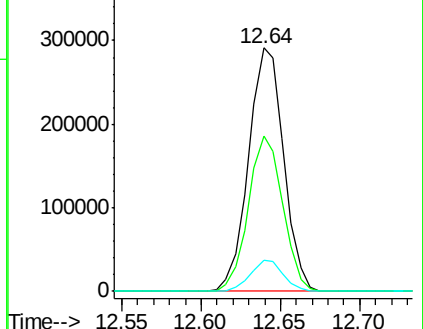
272 12.6 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 124.21 ng

RT: 15.98 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

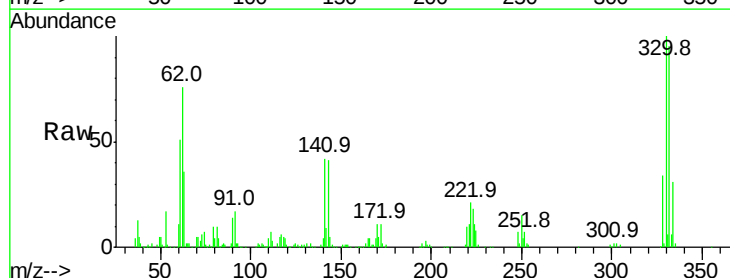
Tgt Ion:330 Resp: 440906

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

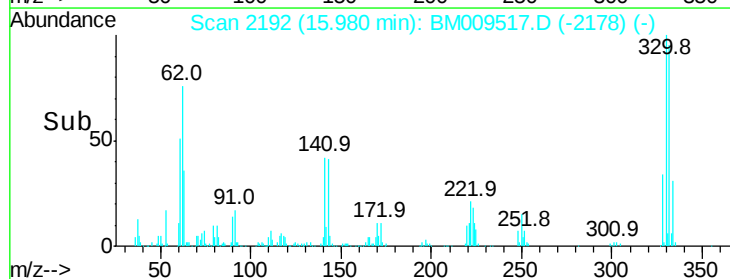
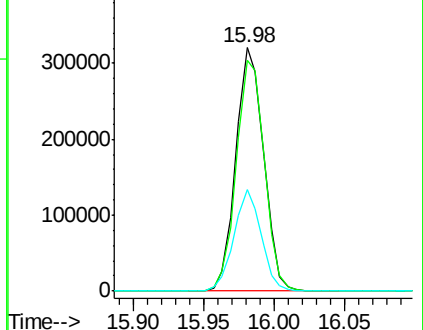
141 41.0 0.0 0.0#

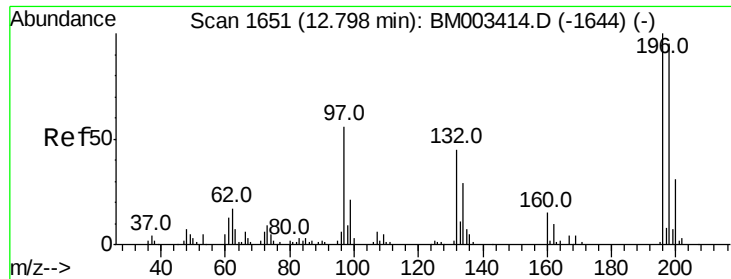


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

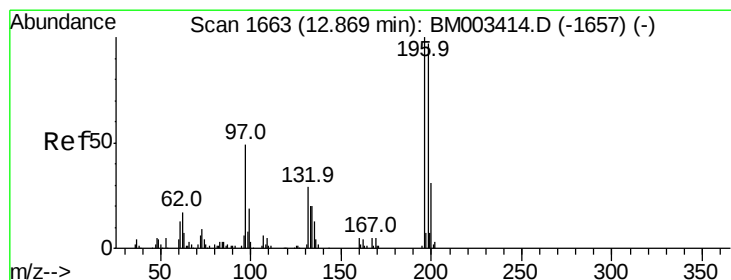
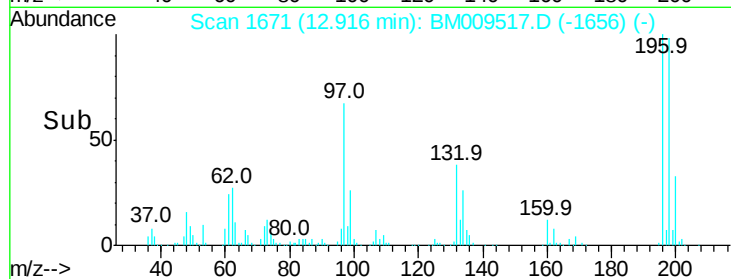
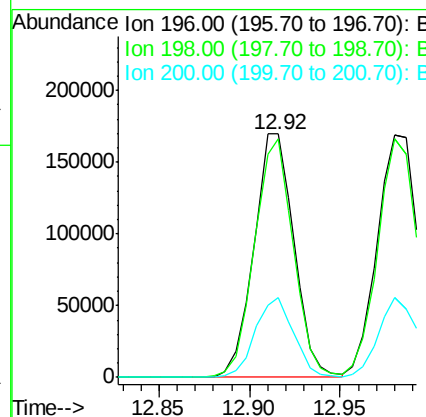
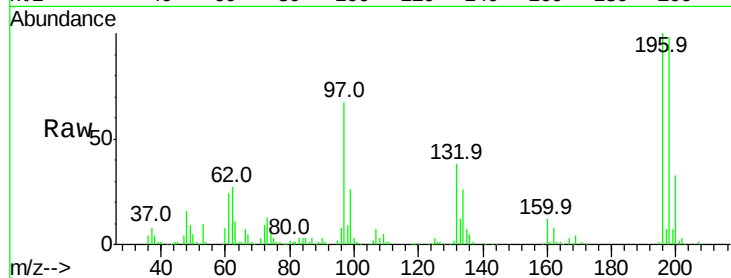




#42
 2,4,6-Trichlorophenol
 Concen: 42.24 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

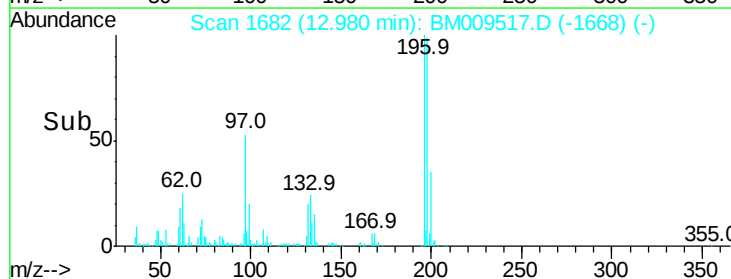
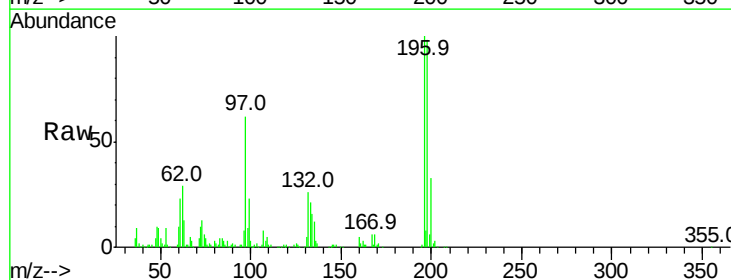
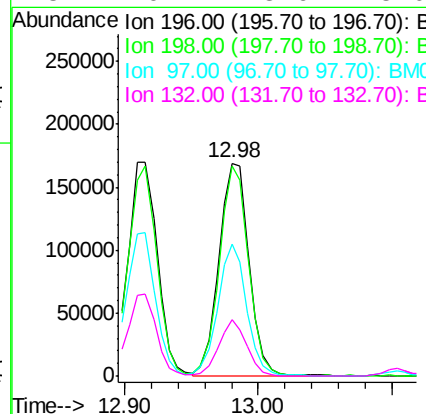
Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

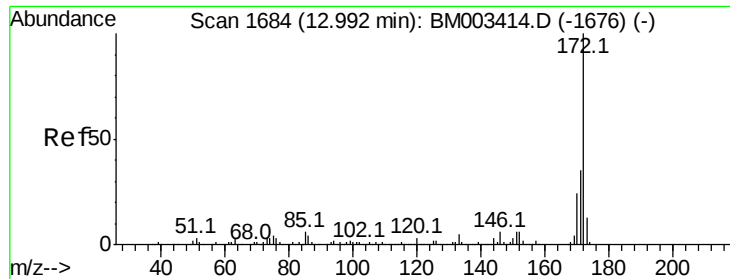
Tot Ion	196	Resp	260554
Ion Ratio	100	Lower	Upper
196	100		
198	98.0	76.3	114.5
200	32.9	25.6	38.4



#43
 2,4,5-Trichlorophenol
 Concen: 39.20 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Tgt Ion	196	Resp	269790
Ion Ratio	100	Lower	Upper
196	100		
198	98.4	79.4	119.0
97	62.1	26.8	40.2#
132	26.4	18.6	28.0



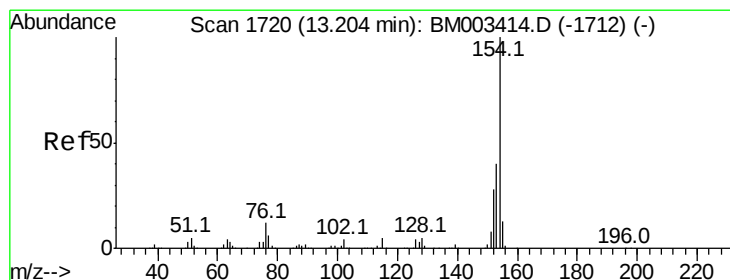
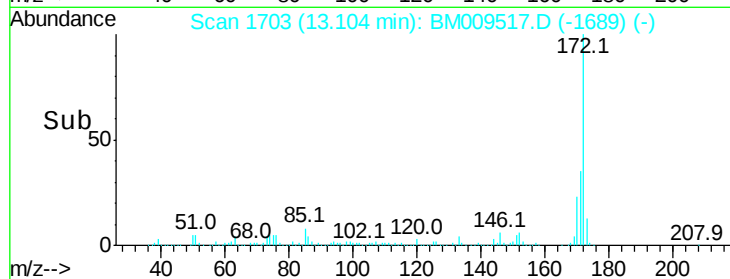
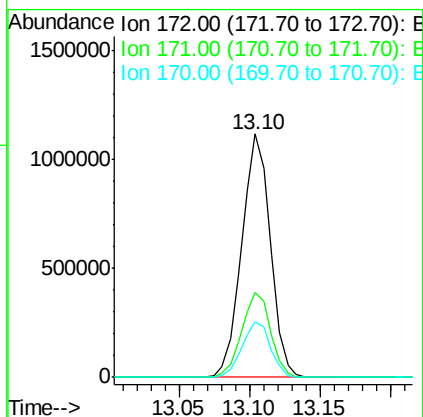
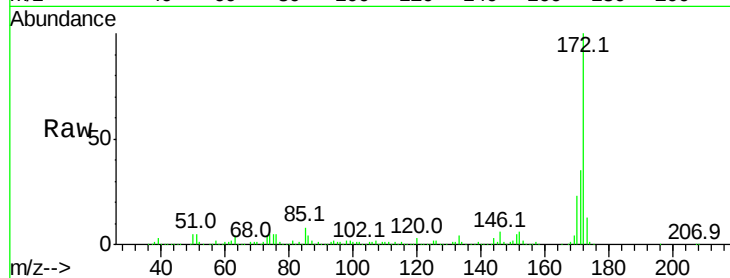


#44
2-Fluorobiphenyl
Concen: 66.52 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion:172 Resp: 1577396

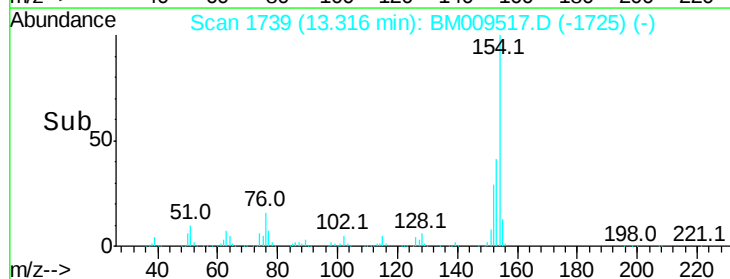
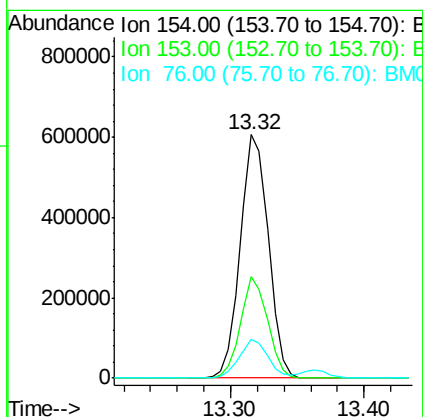
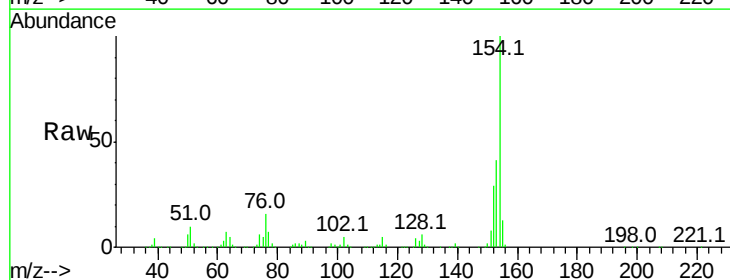
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	22.7	18.8	28.2

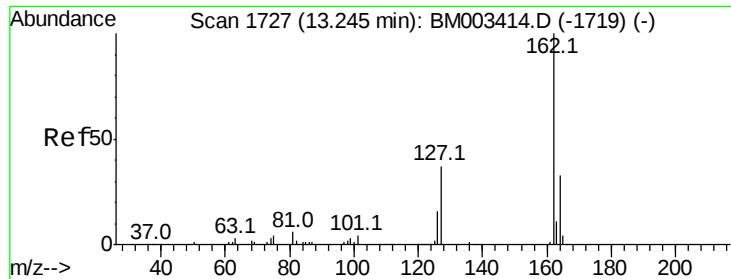


#45
1,1'-Biphenyl
Concen: 37.02 ng
RT: 13.32 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion:154 Resp: 880250

Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.7	60.7
76	16.1	0.0	30.9

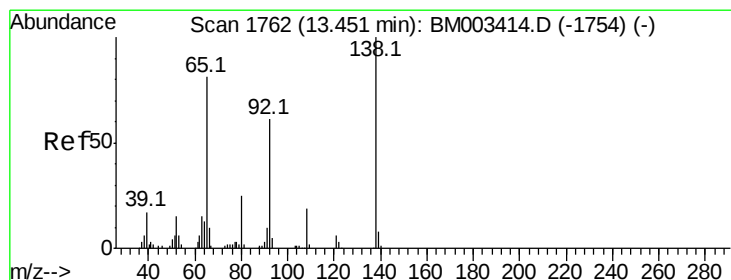
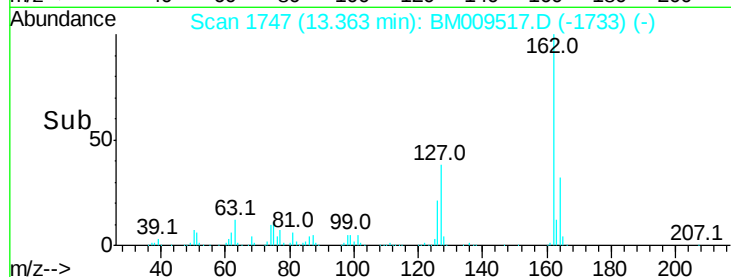
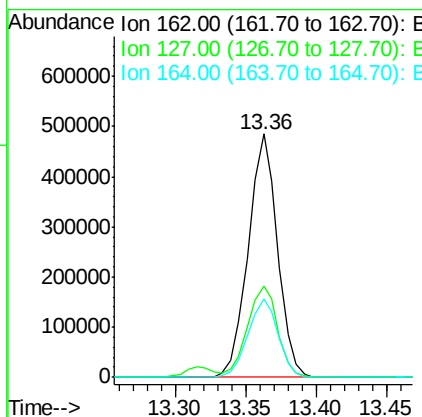
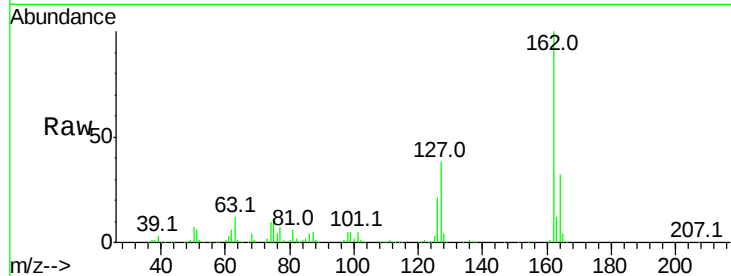




#46
2-Chloronaphthalene
Concen: 38.10 ng
RT: 13.36 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

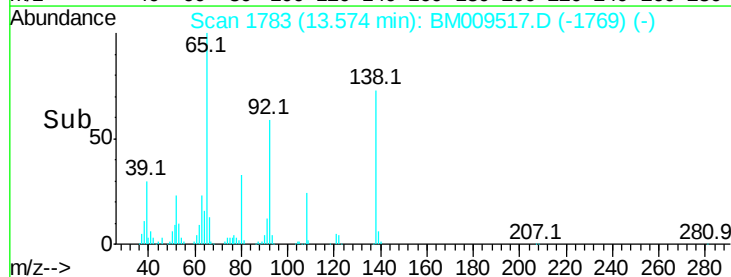
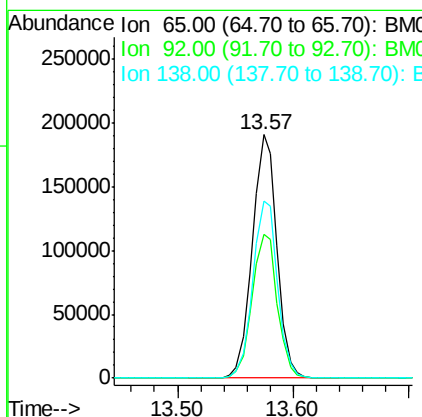
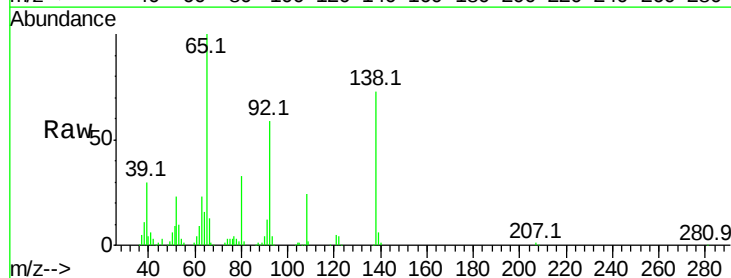
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

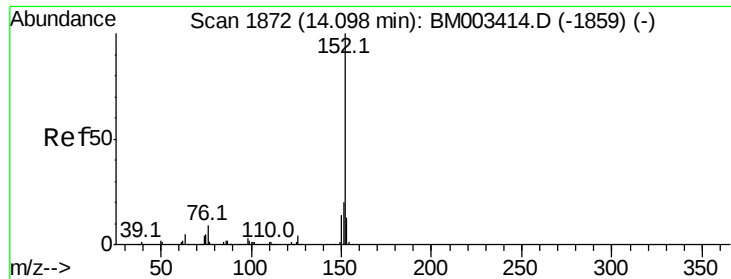
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	26.9	40.3
164	32.2	26.8	40.2



#47
2-Nitroaniline
Concen: 41.80 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.1	59.1	88.7
138	72.8	93.9	140.9#





#48

Acenaphthylene

Concen: 37.51 ng

RT: 14.21 min Scan# 1891

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

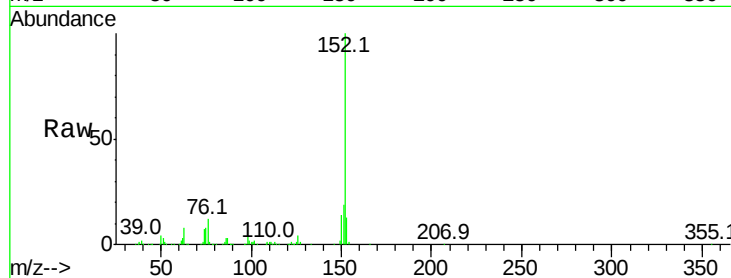
Tot Ion:152 Resp: 1128540

Ion Ratio Lower Upper

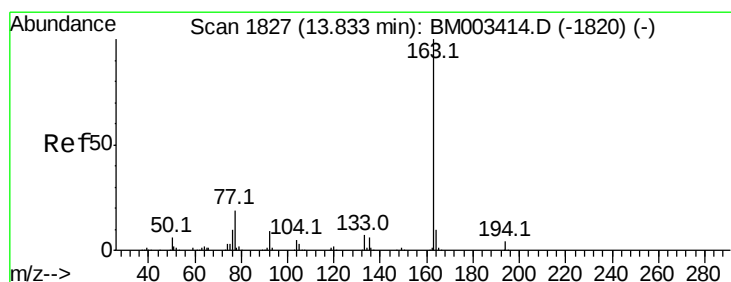
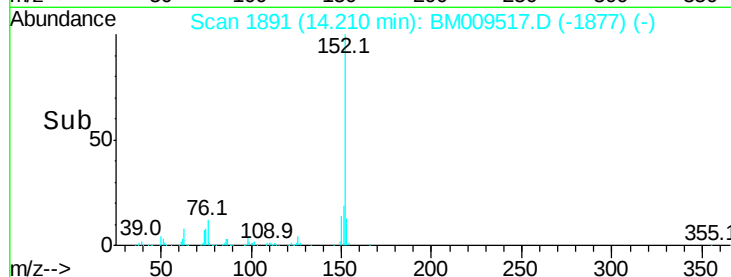
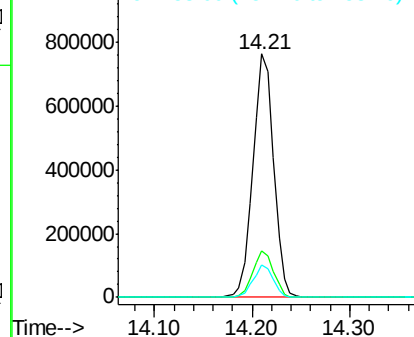
152 100

151 19.1 15.9 23.9

153 13.3 10.6 16.0



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



#49

Dimethylphthalate

Concen: 48.58 ng

RT: 13.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

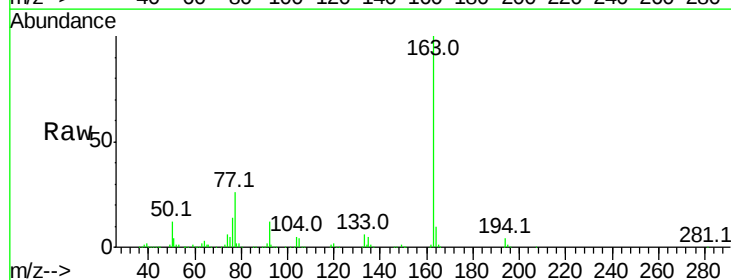
Tgt Ion:163 Resp: 1065868

Ion Ratio Lower Upper

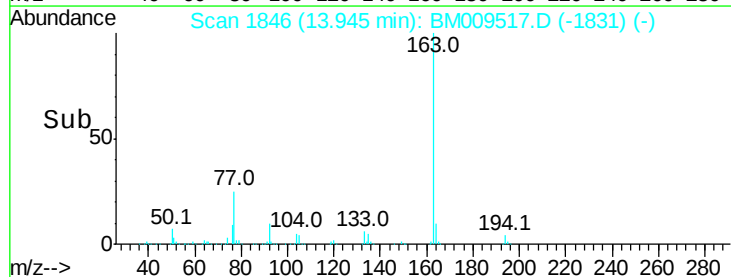
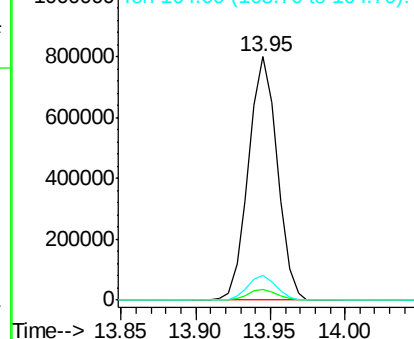
163 100

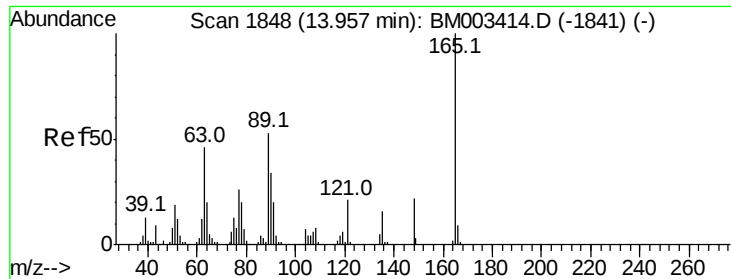
194 4.2 2.7 4.1#

164 10.0 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

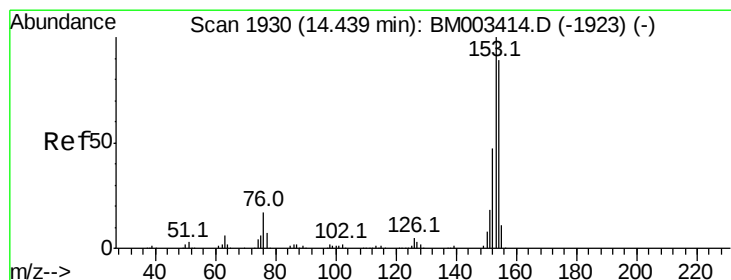
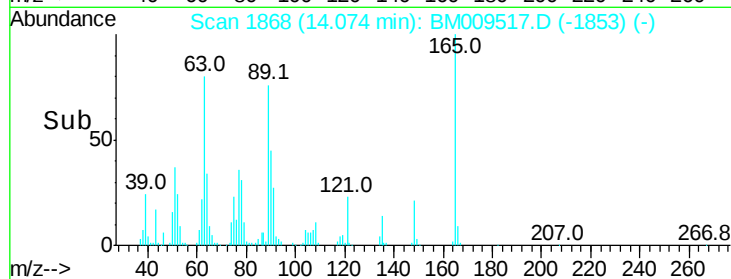
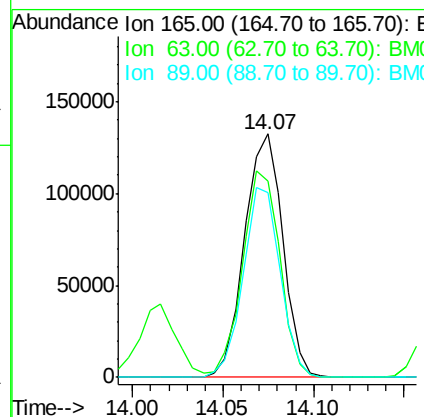
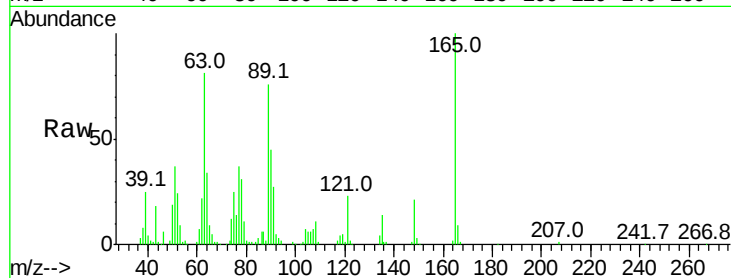




#50
 2,6-Dinitrotoluene
 Concen: 41.17 ng
 RT: 14.07 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

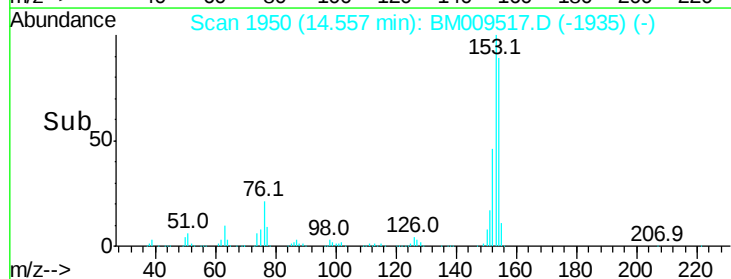
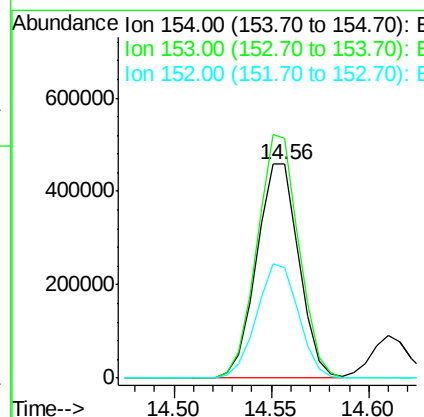
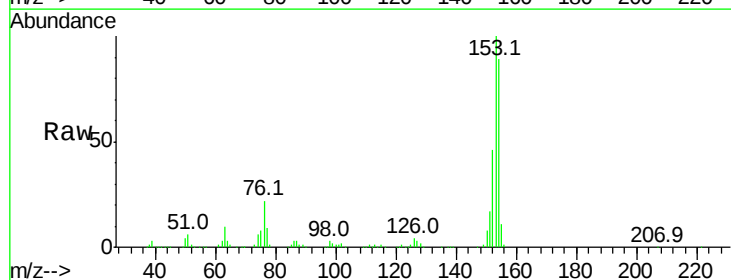
Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

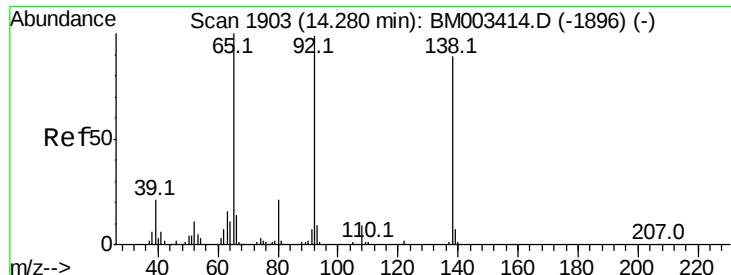
Tot Ion	Ratio	Lower	Upper
165	100		
63	80.7	44.1	66.1#
89	75.6	44.3	66.5#



#51
 Acenaphthene
 Concen: 37.91 ng
 RT: 14.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.0	135.0
152	51.6	42.6	63.8





#52

3-Nitroaniline

Concen: 37.00 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

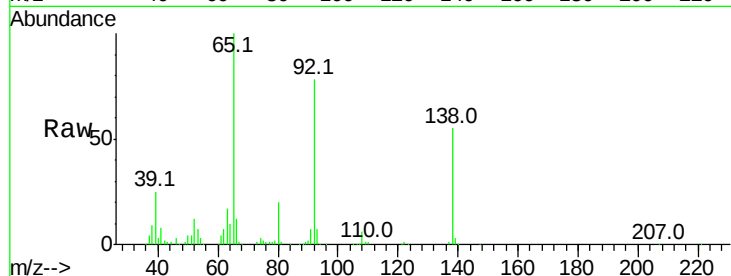
Tot Ion:138 Resp: 172341

Ion Ratio Lower Upper

138 100

108 11.3 7.3 10.9#

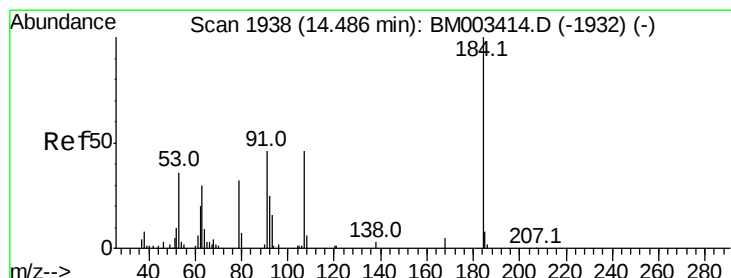
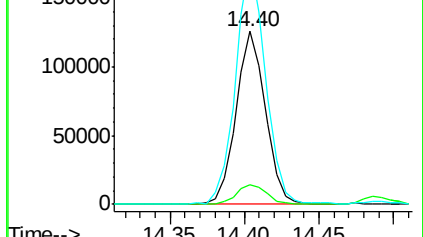
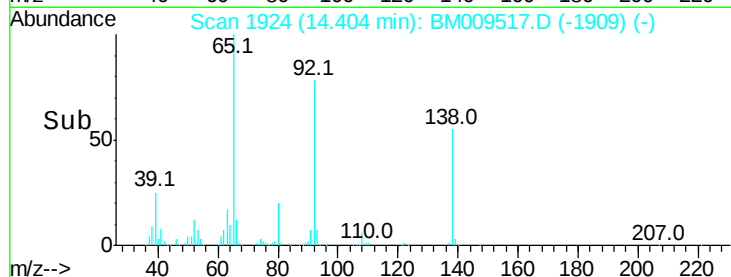
92 140.8 76.6 114.8#



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: 56.18 ng

RT: 14.61 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

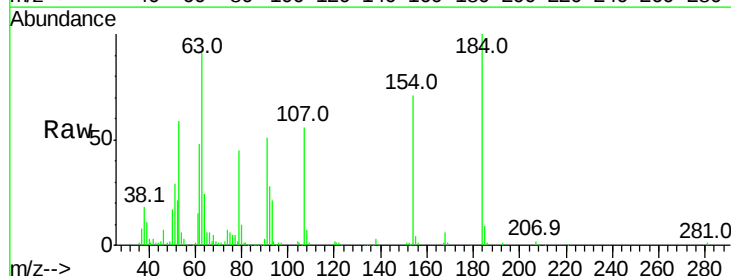
Tgt Ion:184 Resp: 173547

Ion Ratio Lower Upper

184 100

63 91.4 69.2 103.8

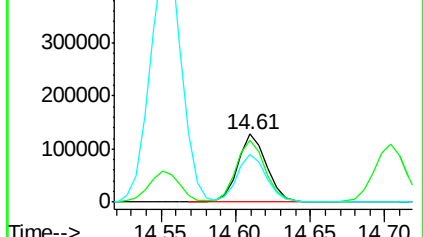
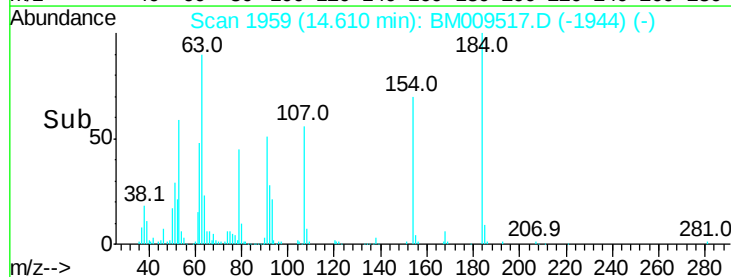
154 71.2 53.3 79.9

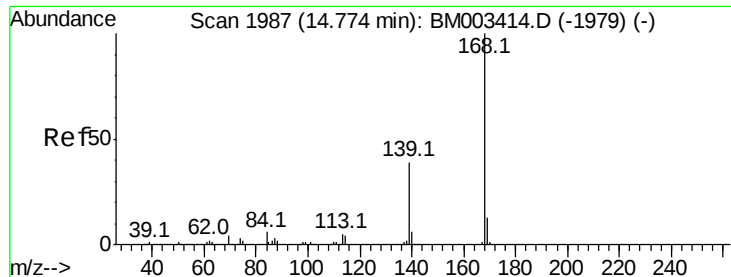


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 41.10 ng

RT: 14.89 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

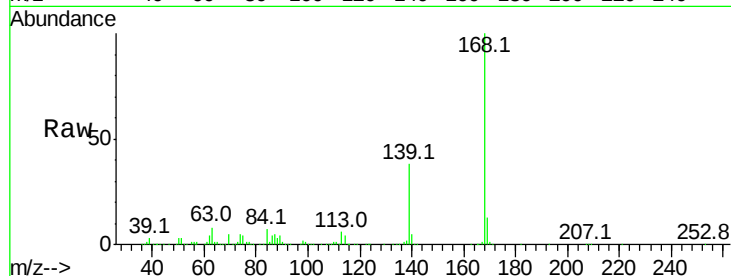
Tot Ion:168 Resp: 1103313

Ion Ratio Lower Upper

168 100

139 37.8 27.3 40.9

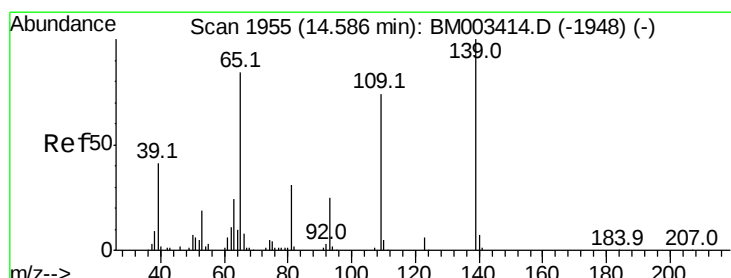
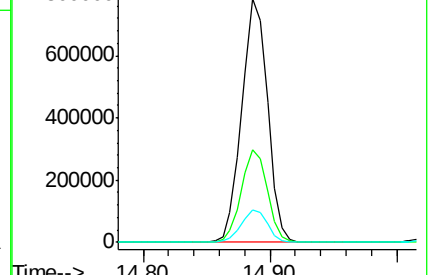
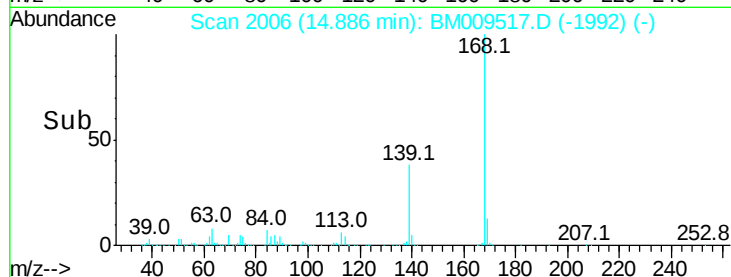
169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 83.78 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

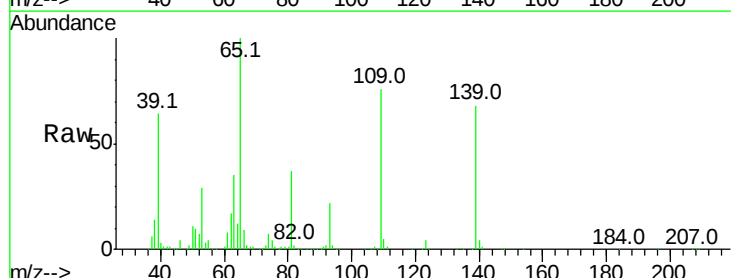
Tgt Ion:139 Resp: 322559

Ion Ratio Lower Upper

139 100

109 111.2 37.7 77.7#

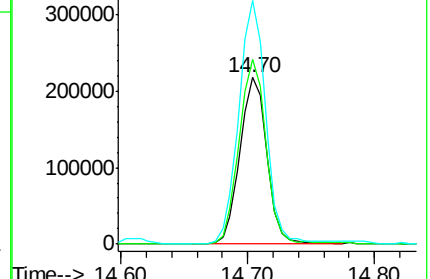
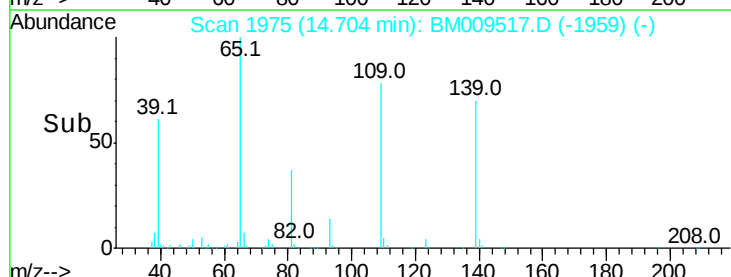
65 146.1 49.9 89.9#

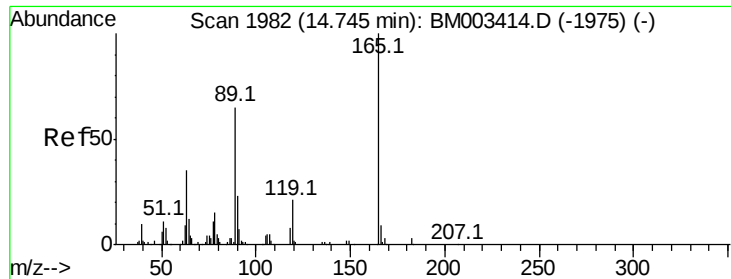


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

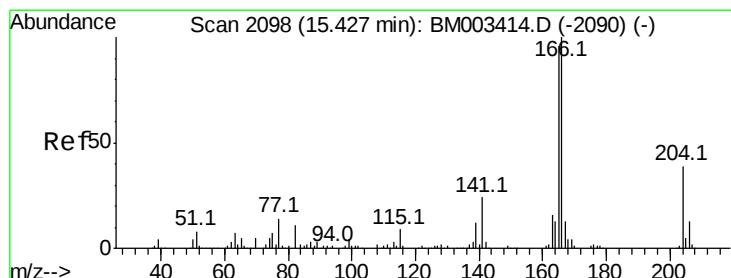
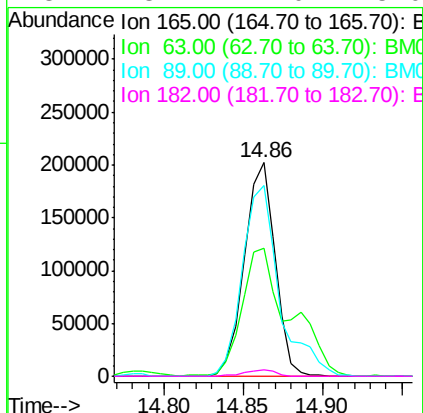
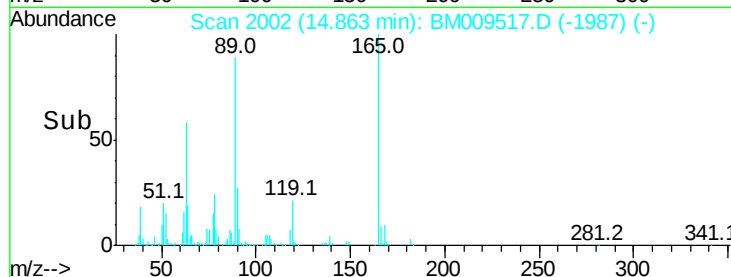
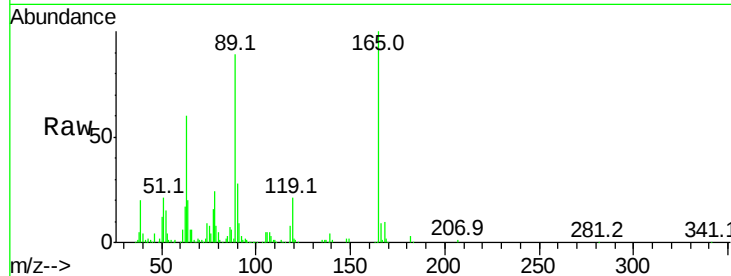




#56
2,4-Dinitrotoluene
Concen: 42.50 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

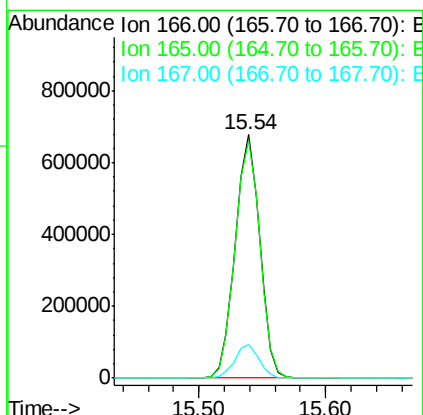
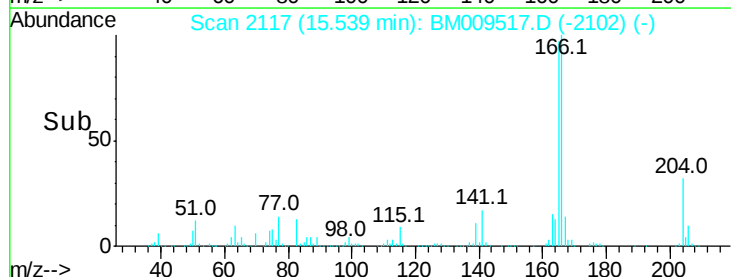
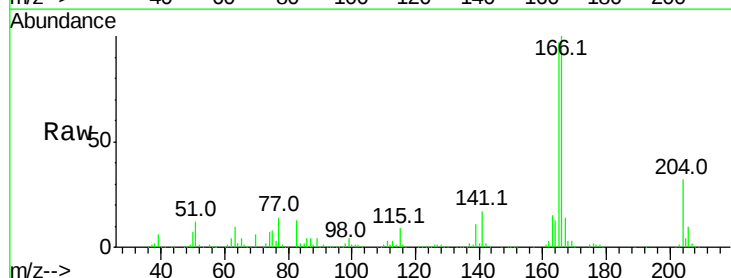
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

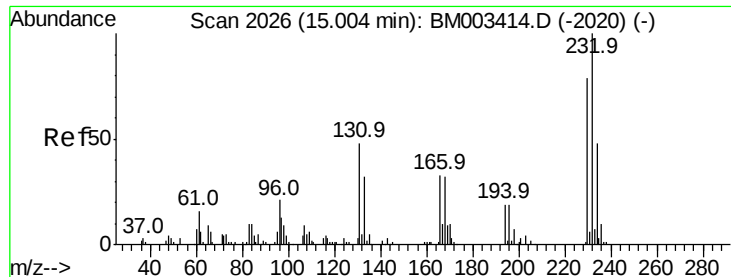
Tot Ion:165 Resp: 271831
Ion Ratio Lower Upper
165 100
63 60.1 52.4 78.6
89 89.2 72.4 108.6
182 3.2 2.0 3.0#



#57
Fluorene
Concen: 37.44 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion:166 Resp: 903407
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.4
167 13.8 10.3 15.5

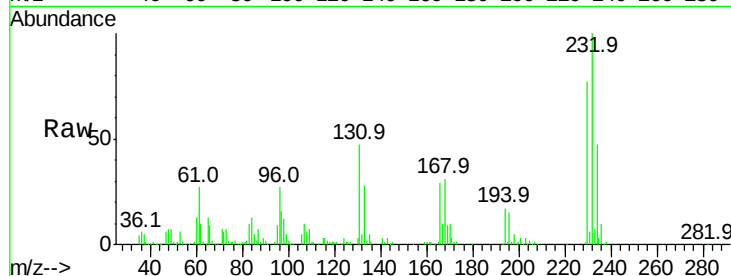




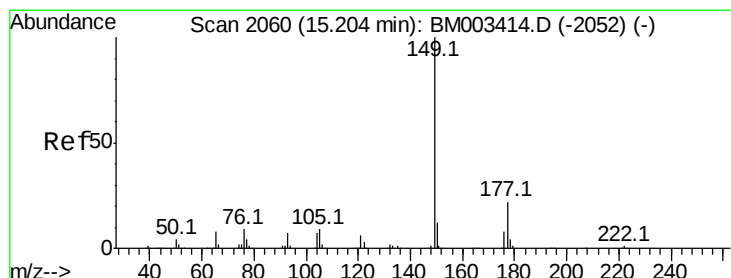
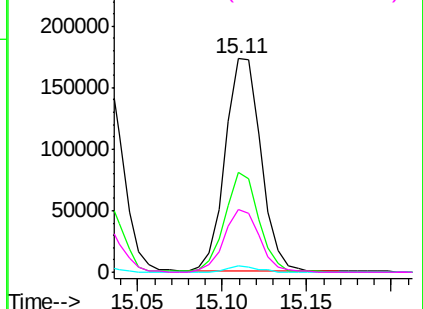
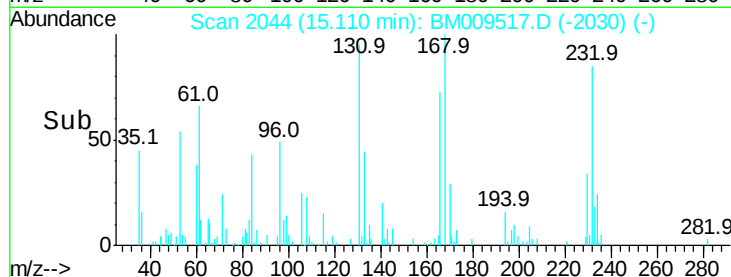
#58
2,3,4,6-Tetrachlorophenol
Concen: 43.61 ng
RT: 15.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion:232 Resp: 253840
Ion Ratio Lower Upper
232 100
131 45.4 0.0 0.0#
130 2.8 0.0 0.0#
166 29.7 0.0 0.0#

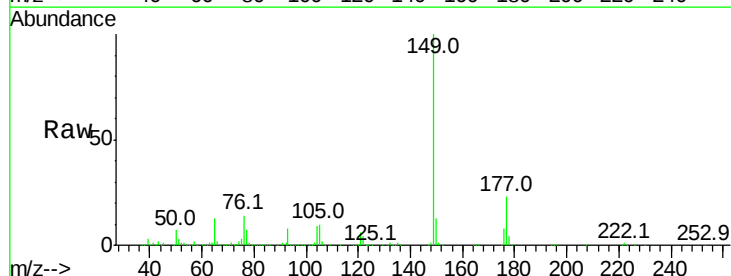


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

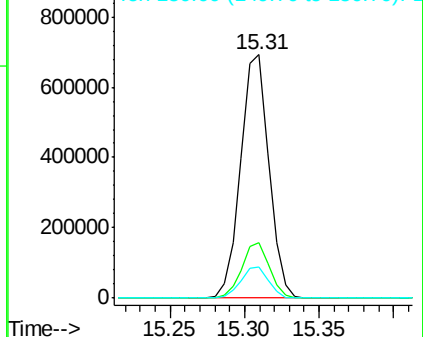
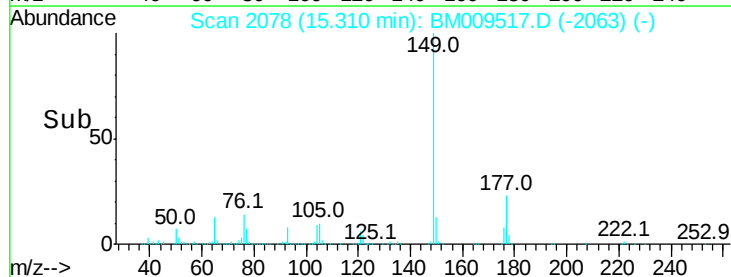


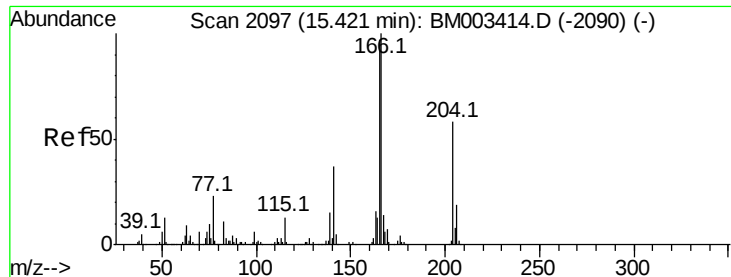
#59
Diethylphthalate
Concen: 40.88 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion:149 Resp: 909755
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.8 9.8 14.8



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

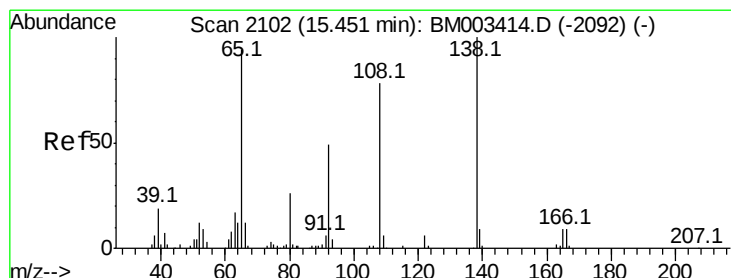
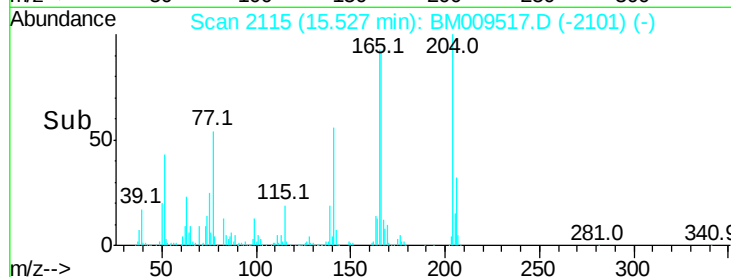
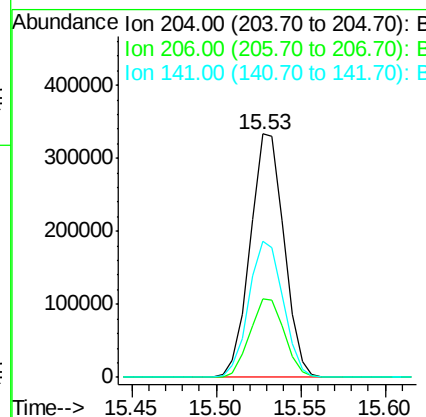
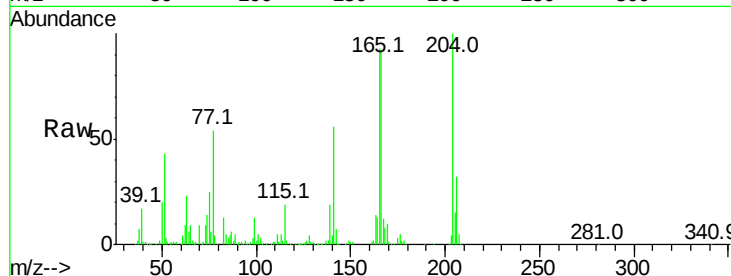




#60
4-Chlorophenyl-phenylether
Concen: 37.05 ng
RT: 15.53 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

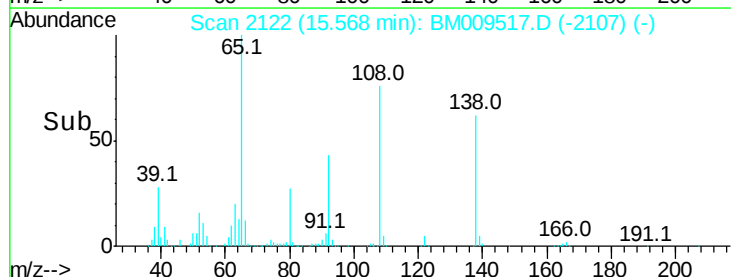
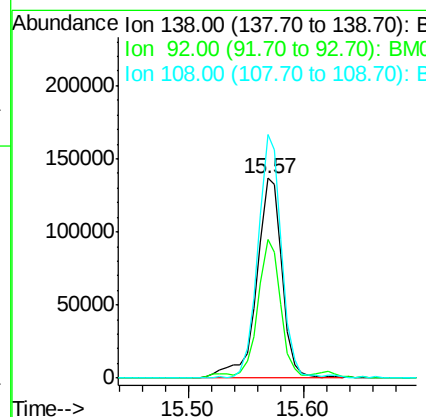
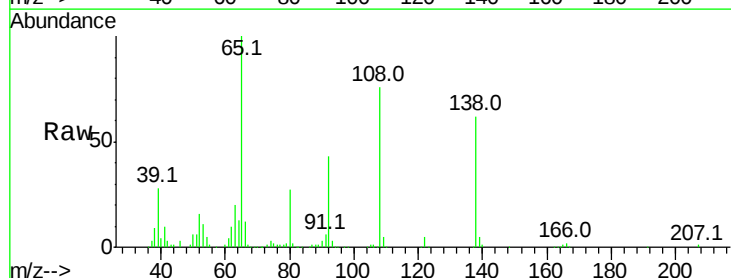
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

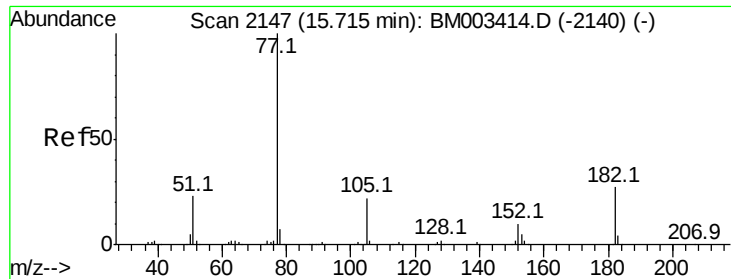
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	55.9	45.2	67.8



#61
4-Nitroaniline
Concen: 41.66 ng
RT: 15.57 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	69.4	16.7	56.7#
108	122.0	37.6	77.6#





#62

Azobenzene

Concen: 45.36 ng

RT: 15.82 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

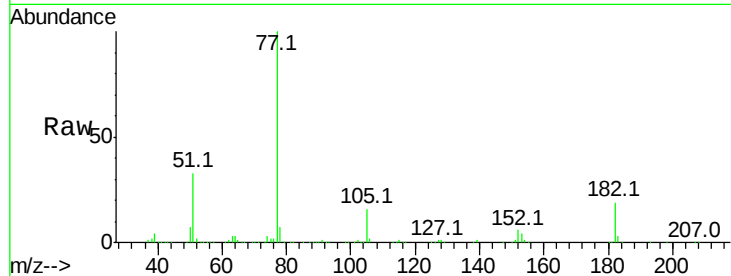
BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion: 77 Resp: 1178581

Ion	Ratio	Lower	Upper
77	100		
182	19.4	6.5	46.5
105	16.3	3.8	43.8
51	33.2	5.5	45.5

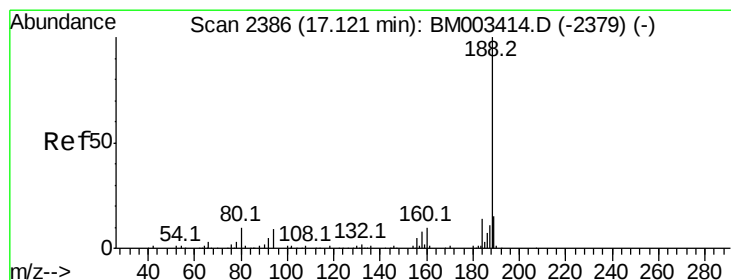
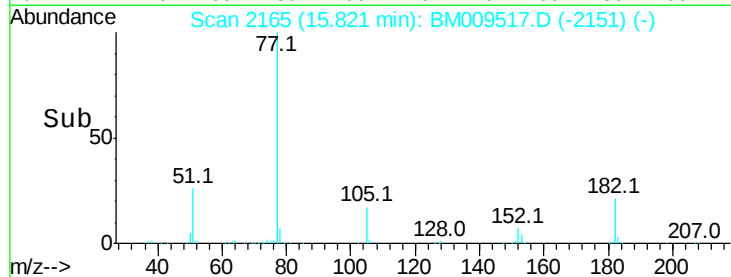
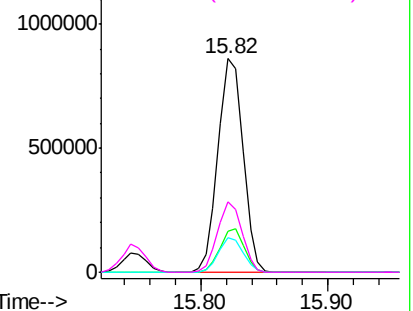


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2406

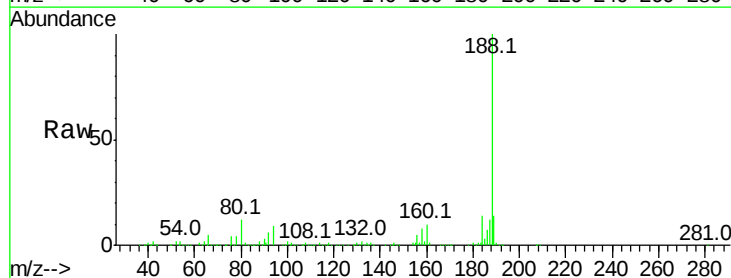
Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion: 188 Resp: 673909

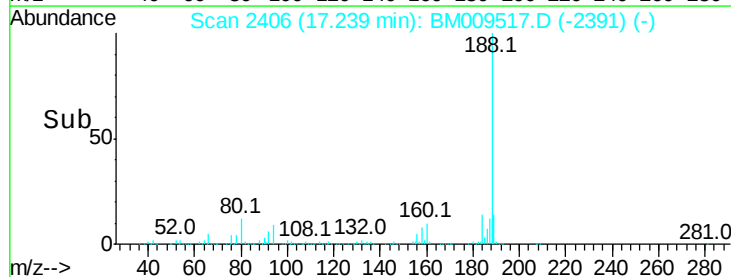
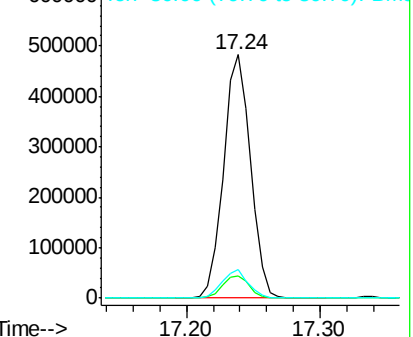
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.7	13.1
80	11.6	9.3	13.9

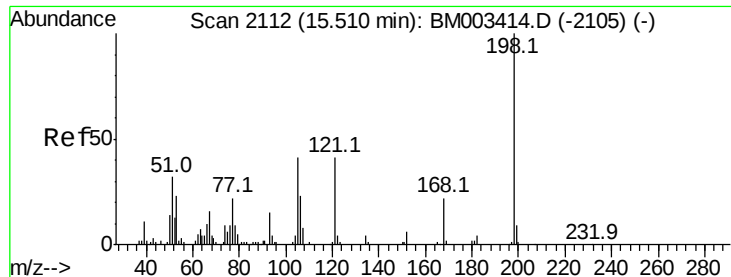


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#64

4,6-Dinitro-2-methylphenol

Concen: 38.34 ng

RT: 15.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

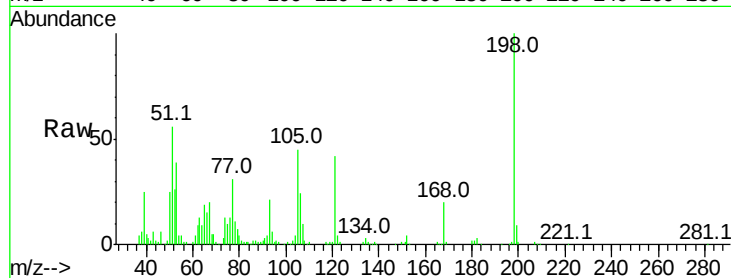
Tot Ion:198 Resp: 162762

Ion Ratio Lower Upper

198 100

51 56.0 28.8 68.8

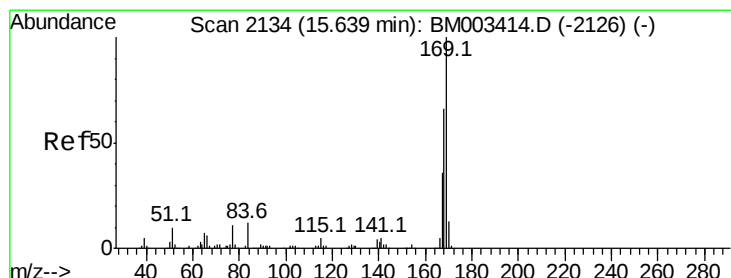
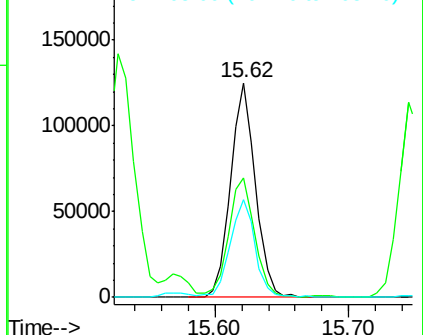
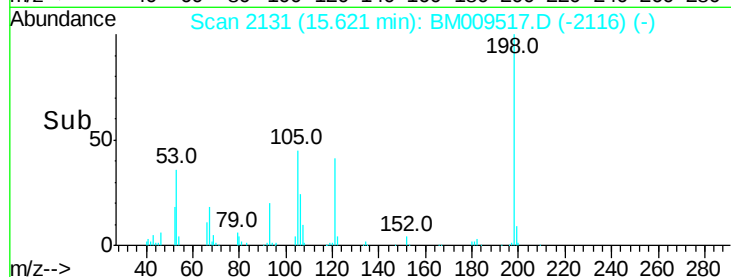
105 45.4 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 34.55 ng

RT: 15.75 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

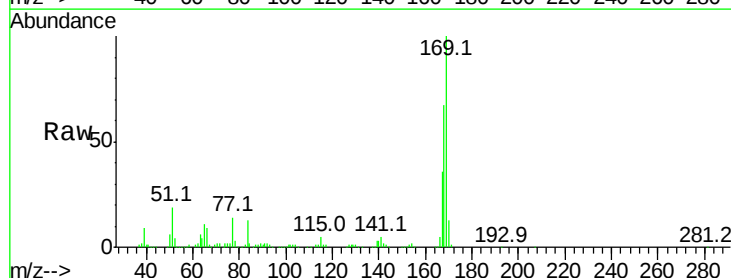
Tgt Ion:169 Resp: 707183

Ion Ratio Lower Upper

169 100

168 67.1 53.9 80.9

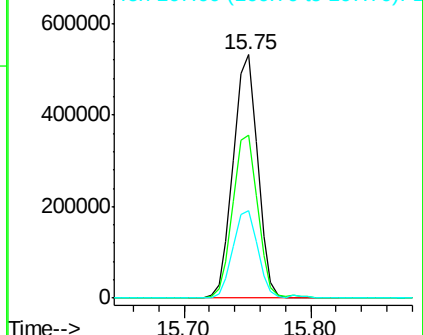
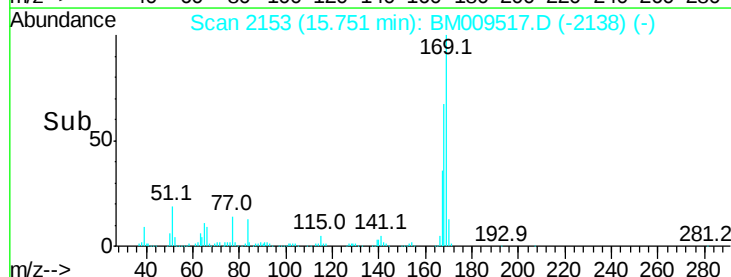
167 36.1 28.9 43.3

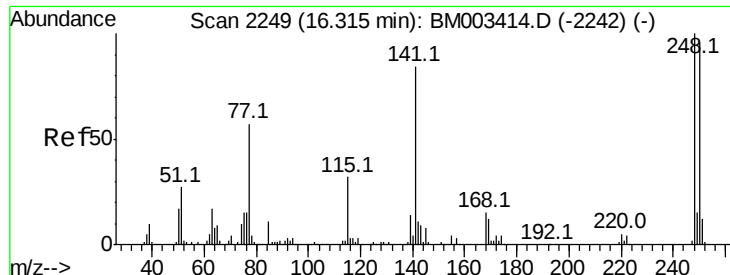


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

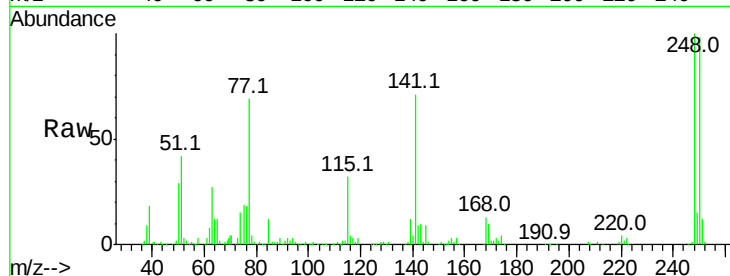




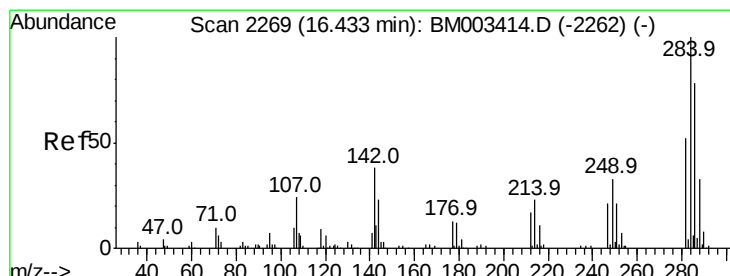
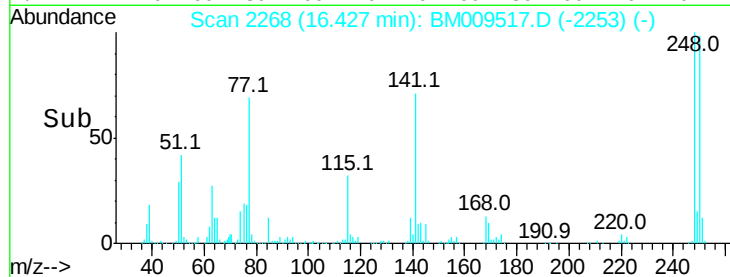
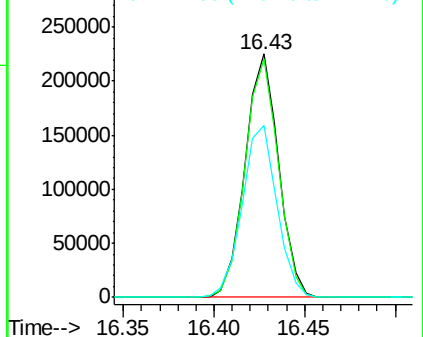
#66
 4-Bromophenyl-phenylether
 Concen: 37.11 ng
 RT: 16.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

Tot Ion:248 Resp: 289743
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.4 116.0
 141 70.8 45.2 67.8#

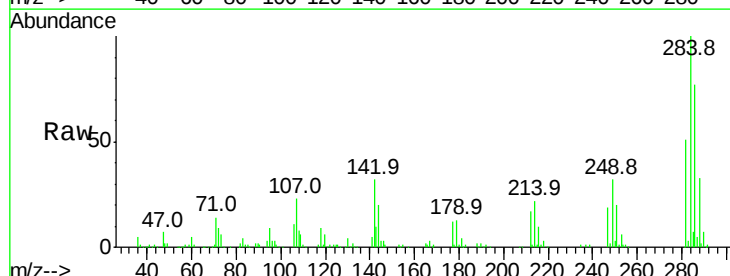


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

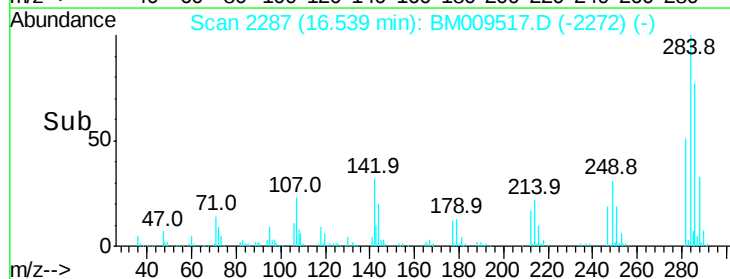
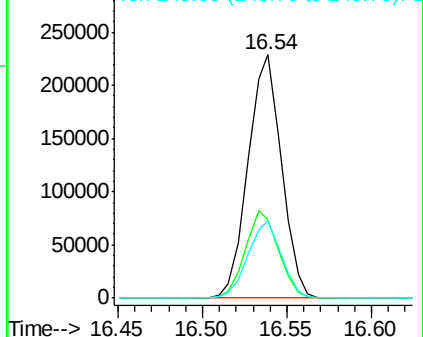


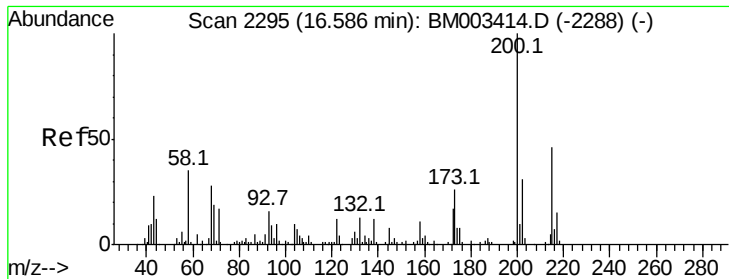
#67
 Hexachlorobenzene
 Concen: 36.82 ng
 RT: 16.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Tgt Ion:284 Resp: 315145
 Ion Ratio Lower Upper
 284 100
 142 32.3 20.4 30.6#
 249 31.6 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

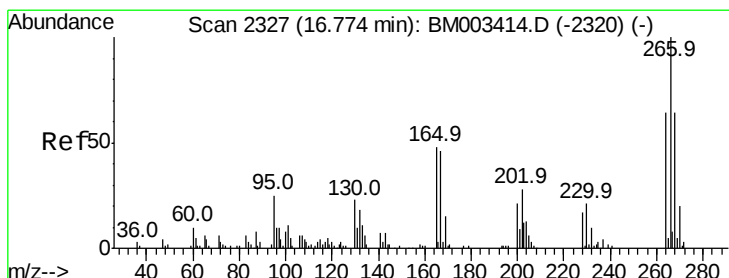
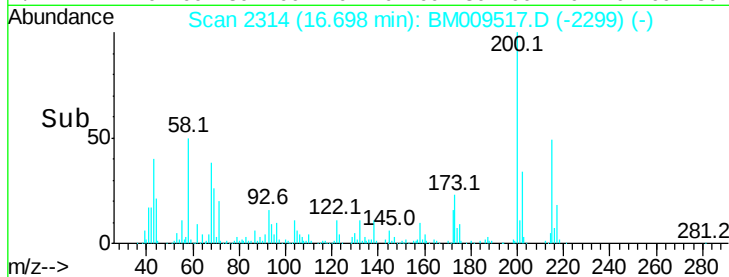
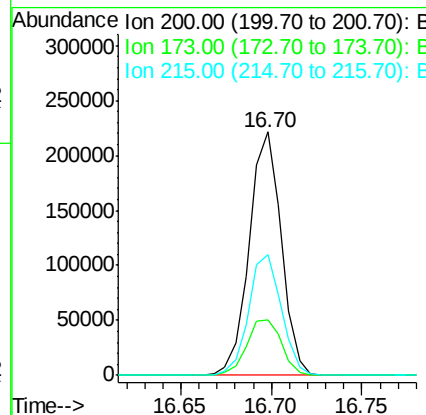
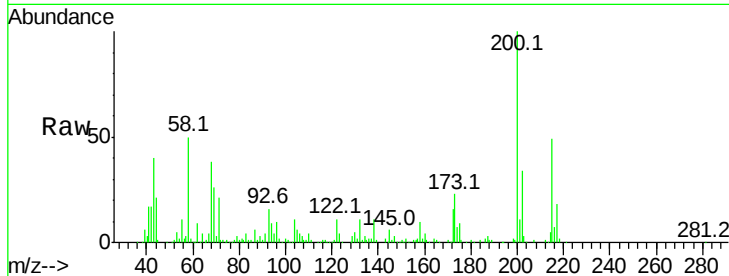




#68
Atrazine
Concen: 35.25 ng
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

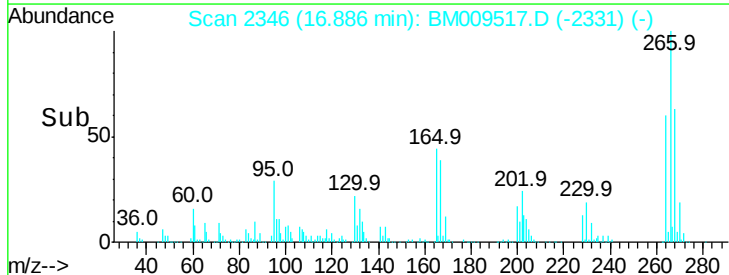
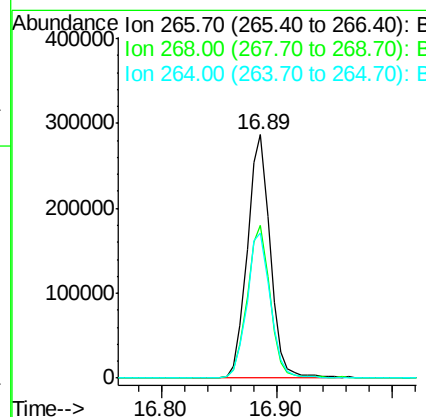
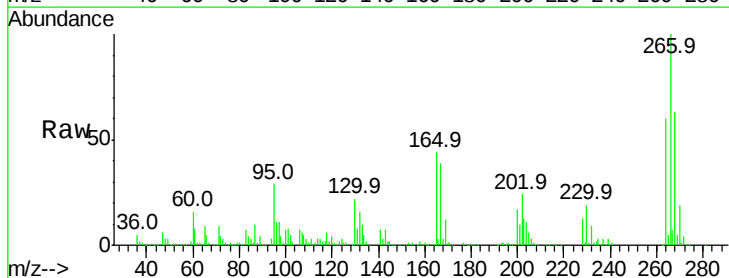
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

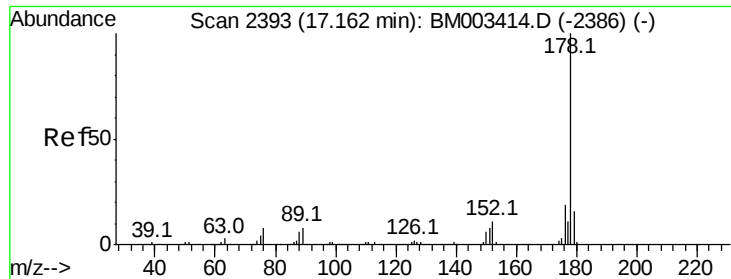
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.9	4.8	44.8
215	49.4	26.9	66.9



#69
Pentachlorophenol
Concen: 75.18 ng
RT: 16.89 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	52.0	78.0
264	59.6	49.0	73.4





#70

Phenanthrene

Concen: 37.46 ng

RT: 17.28 min Scan# 2413

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

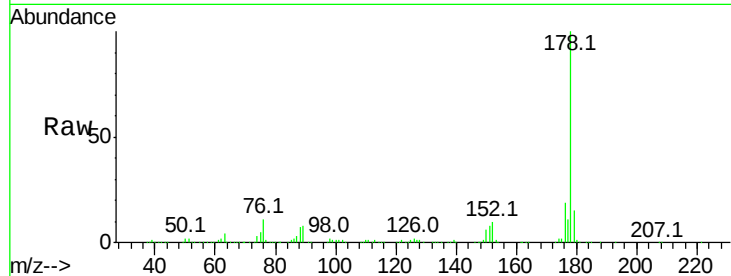
Tot Ion:178 Resp: 1443738

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

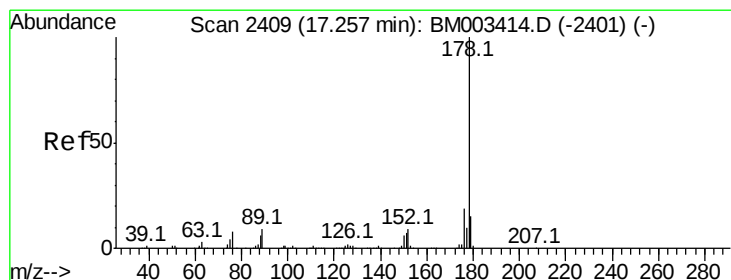
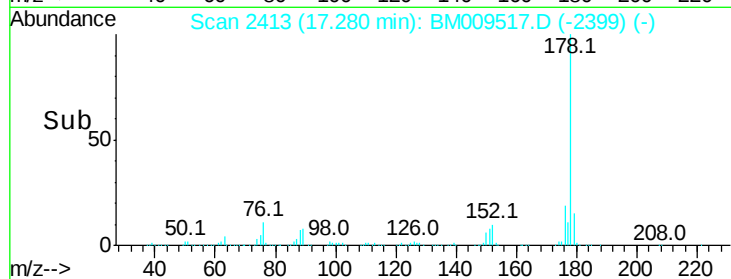
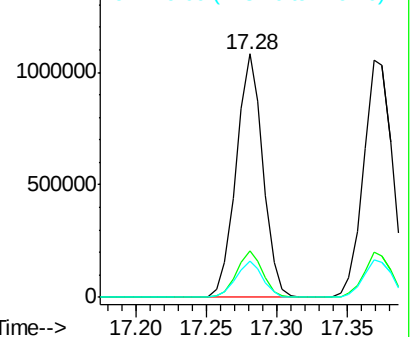
179 14.7 12.1 18.1



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: 38.18 ng

RT: 17.37 min Scan# 2428

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

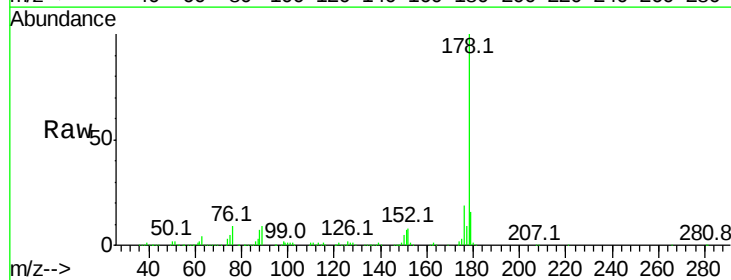
Tgt Ion:178 Resp: 1489555

Ion Ratio Lower Upper

178 100

176 19.3 14.6 22.0

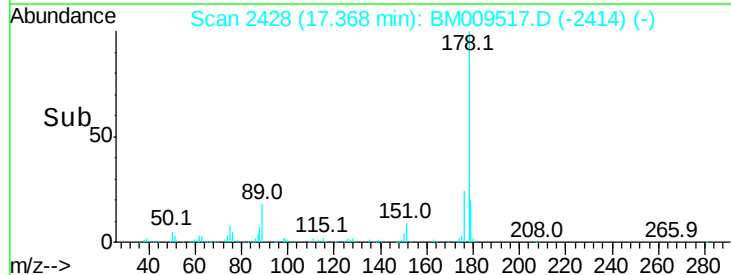
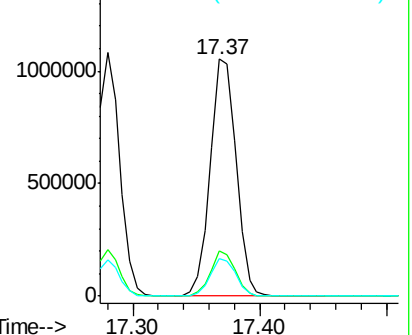
179 15.7 12.6 19.0

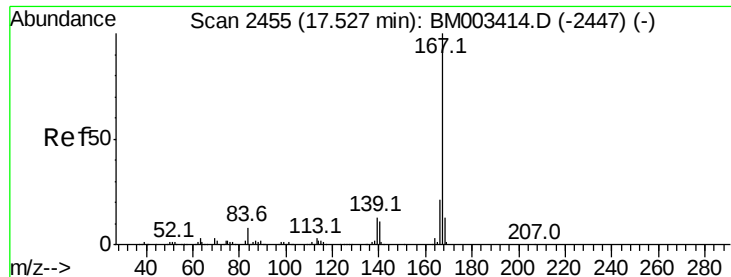


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



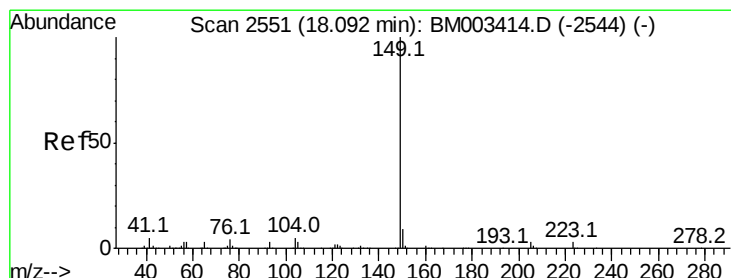
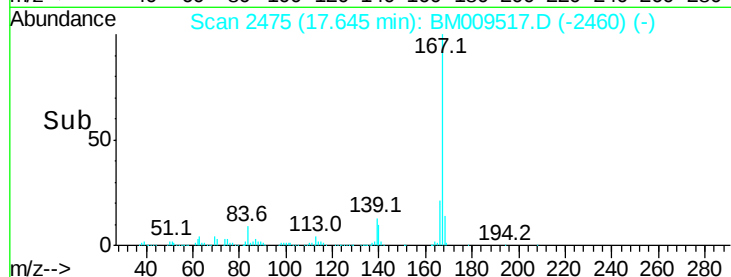
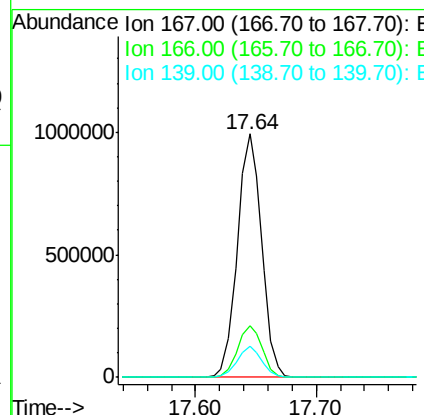
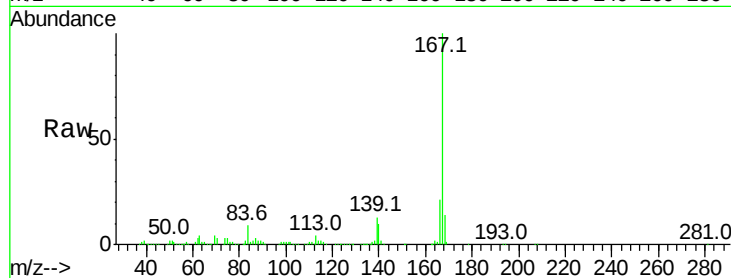


#72
 Carbazole
 Concen: 37.16 ng
 RT: 17.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

Tot Ion:167 Resp: 1388365

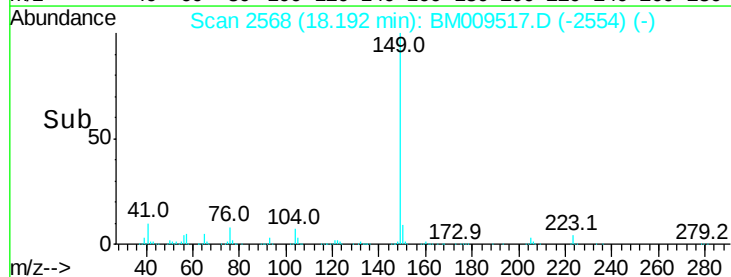
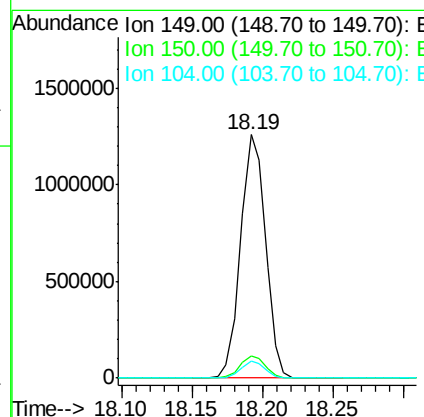
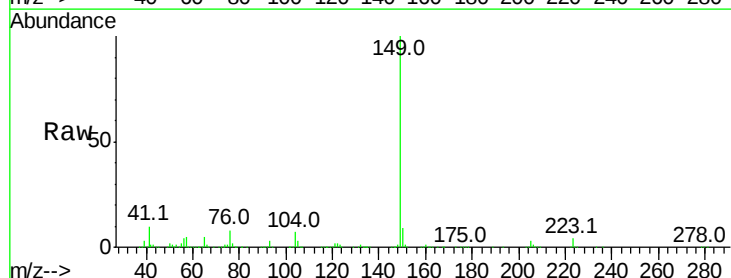
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.7	10.8	16.2

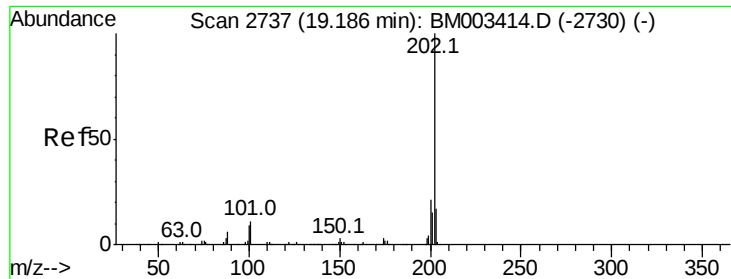


#73
 Di-n-butylphthalate
 Concen: 40.77 ng
 RT: 18.19 min Scan# 2568
 Delta R.T. -0.02 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Tgt Ion:149 Resp: 1556179

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	6.8	3.7	5.5





#74

Fluoranthene

Concen: 38.80 ng

RT: 19.29 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

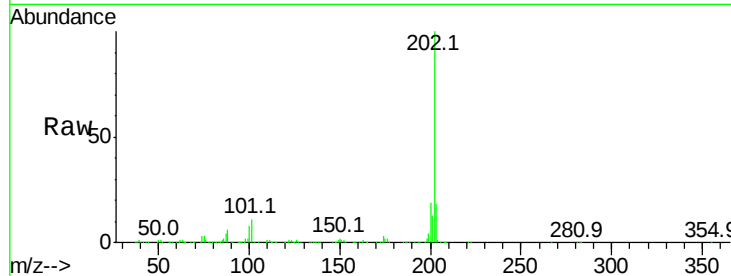
Tot Ion:202 Resp: 1770972

Ion Ratio Lower Upper

202 100

101 10.7 0.0 28.7

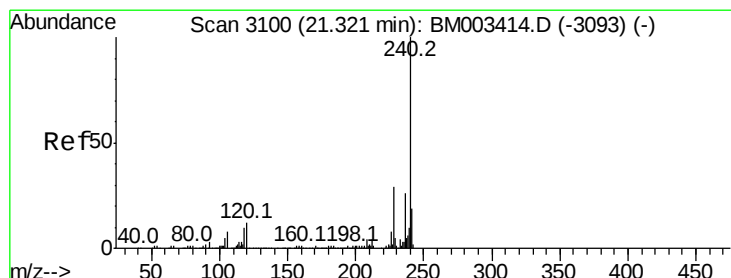
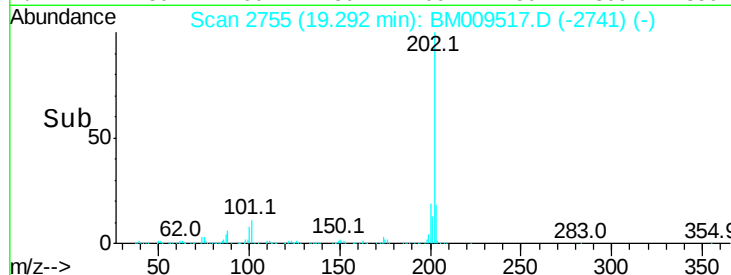
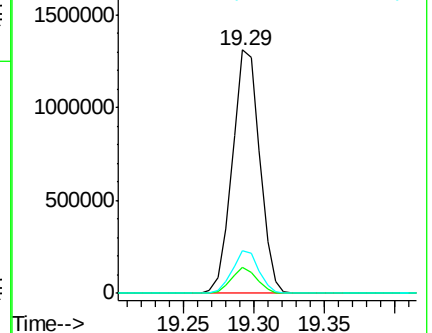
203 17.6 0.0 37.2



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: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

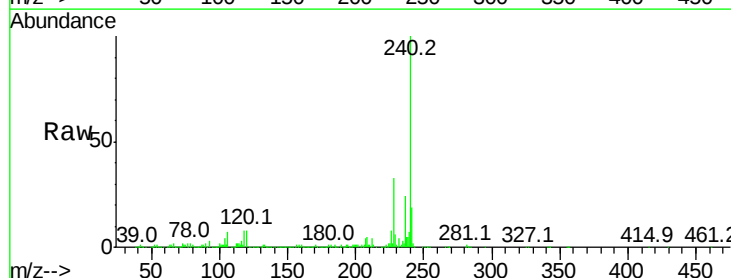
Tgt Ion:240 Resp: 894335

Ion Ratio Lower Upper

240 100

120 8.2 8.2 12.2#

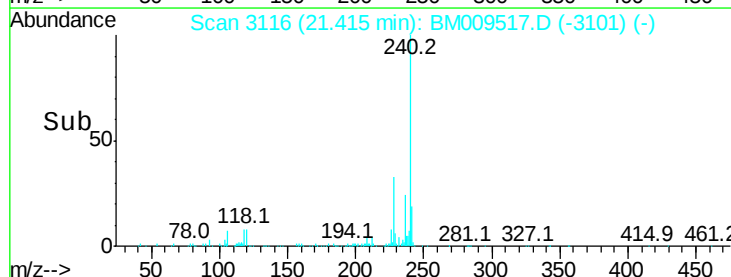
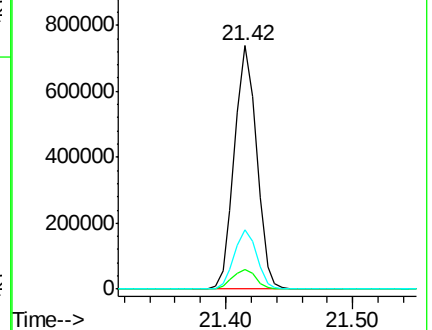
236 24.2 20.0 30.0

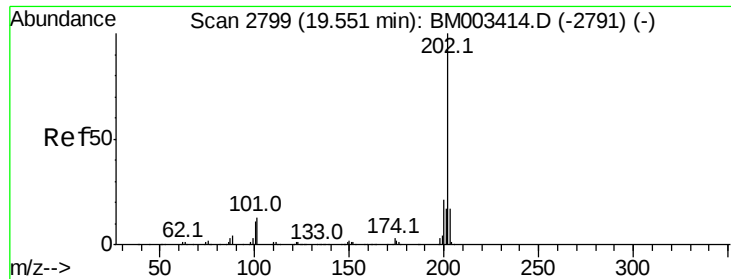


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



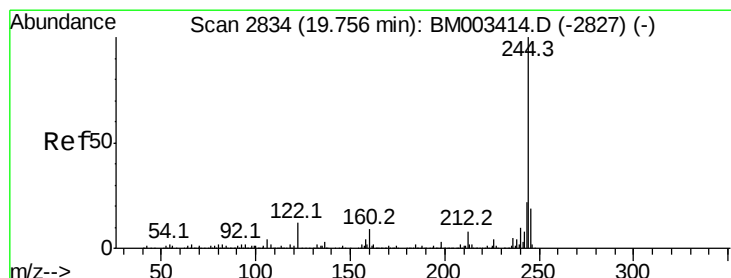
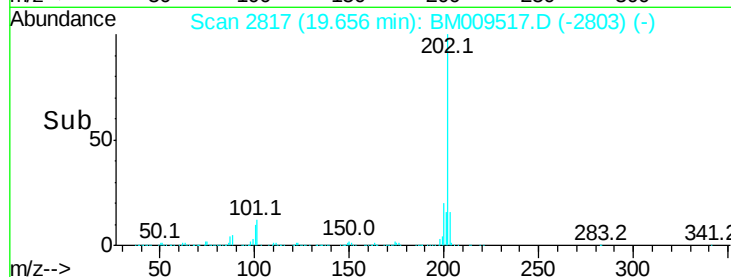
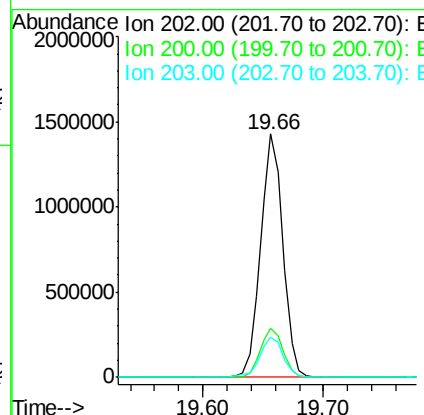
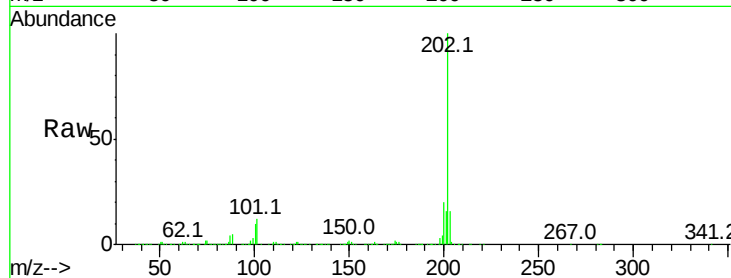


#77
Pvrene
Concen: 36.32 ng
RT: 19.66 min Scan# 2817
Delta R.T. -0.02 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

Tot Ion:202 Resp: 1842108

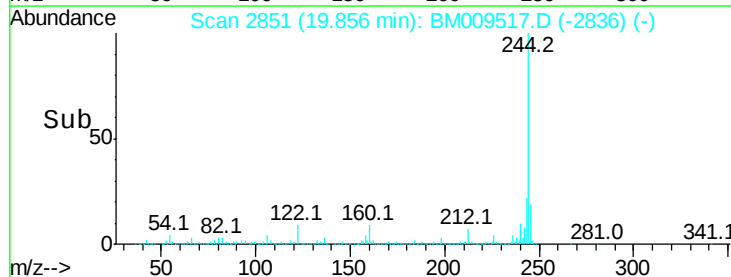
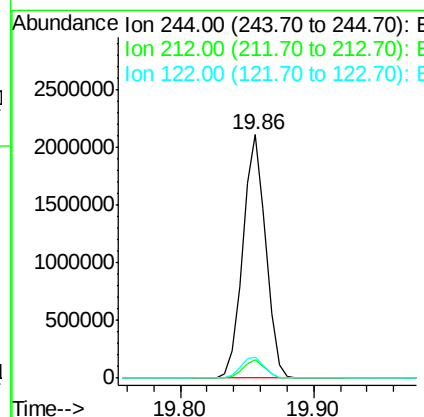
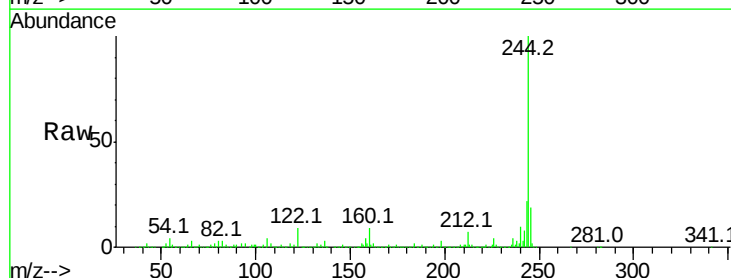
Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.9	25.3
203	16.4	14.1	21.1

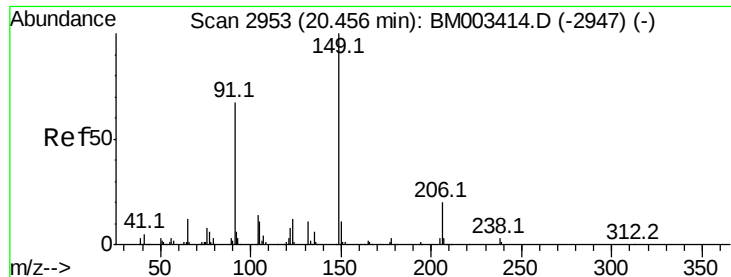


#78
Terphenyl-d14
Concen: 58.21 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion:244 Resp: 2491309

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	8.6	6.2	9.4

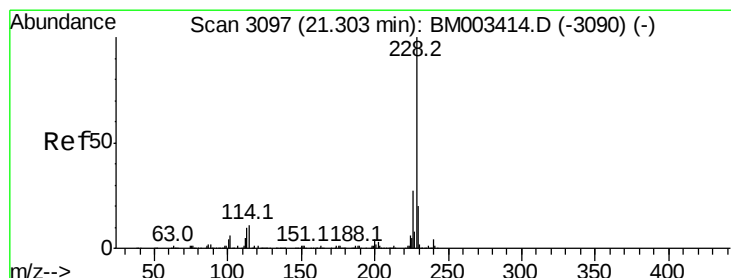
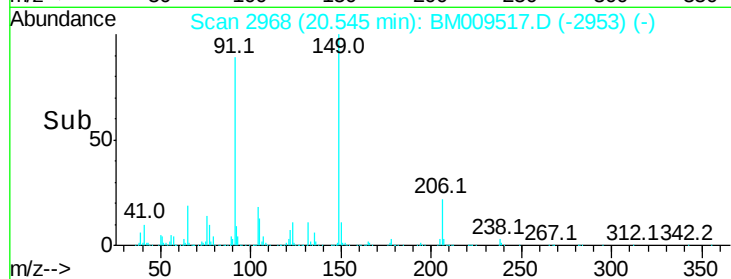
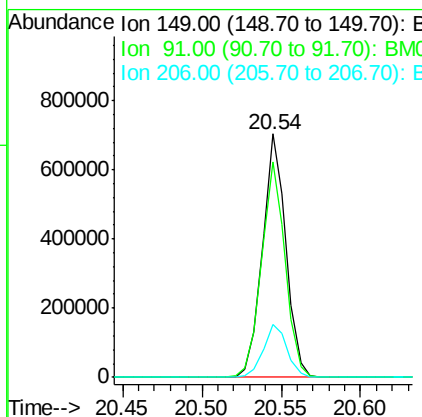
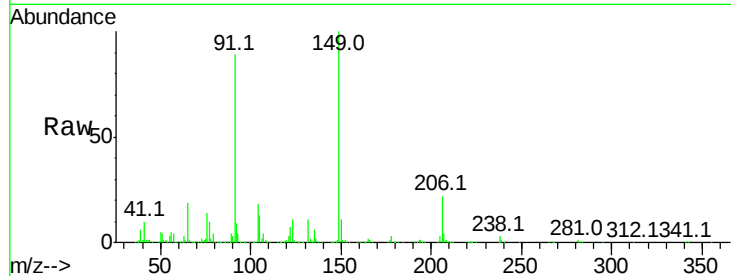




#79
Butylbenzylphthalate
Concen: 40.05 ng
RT: 20.54 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

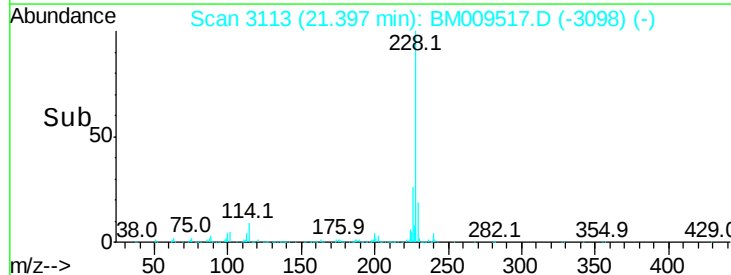
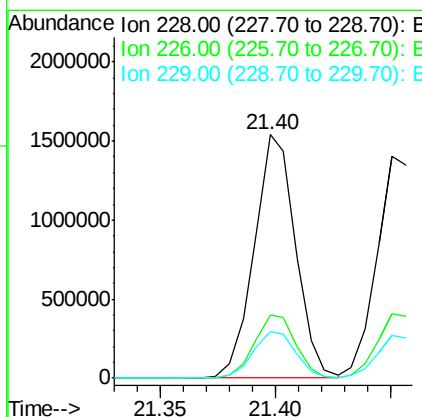
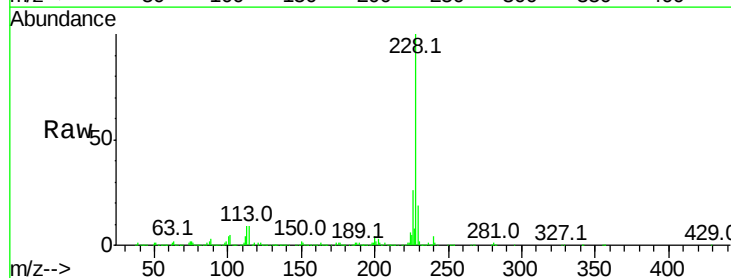
Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MS

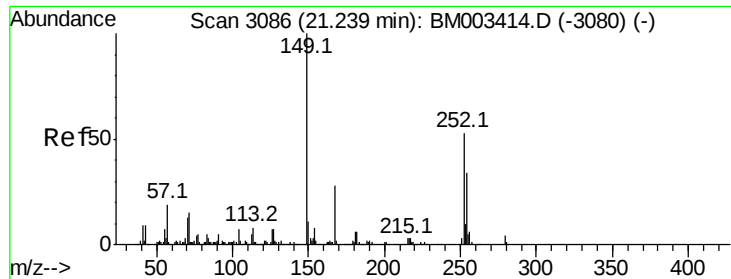
Tot Ion:149 Resp: 731434
Ion Ratio Lower Upper
149 100
91 88.7 50.1 75.1#
206 21.6 16.2 24.2



#80
Benzo(a)anthracene
Concen: 36.81 ng
RT: 21.40 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM009517.D
Acq: 04 Apr 2017 01:17

Tgt Ion:228 Resp: 1922829
Ion Ratio Lower Upper
228 100
226 25.9 21.7 32.5
229 19.2 16.0 24.0

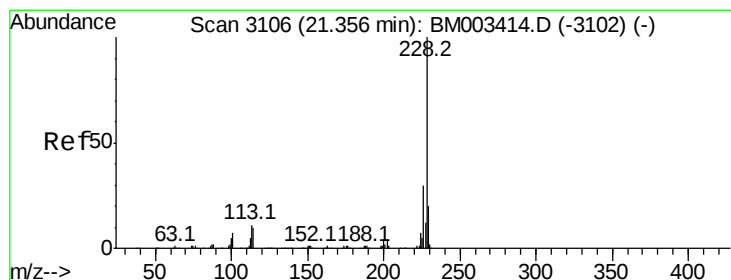
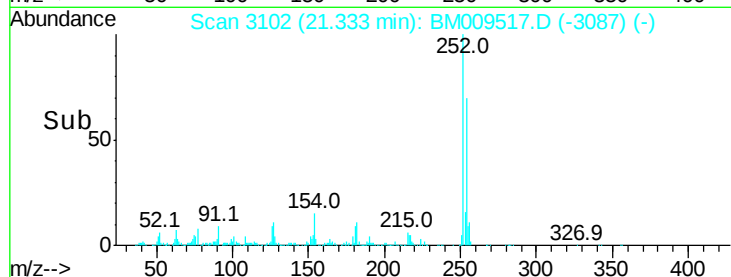
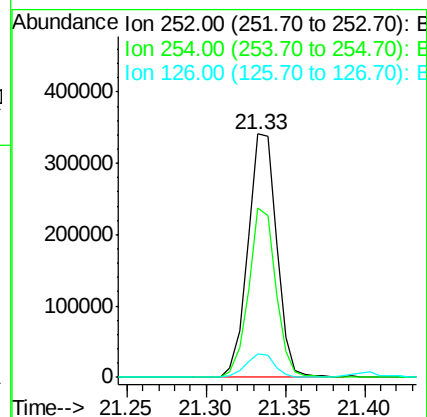
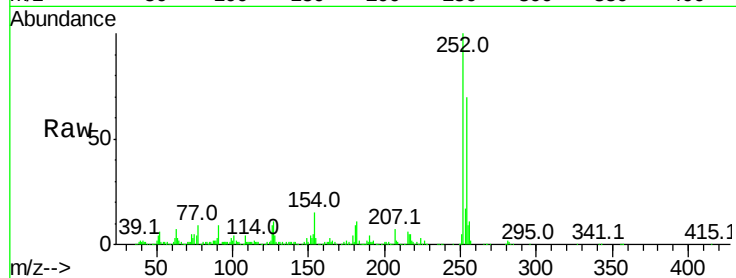




#81
 3,3'-Dichlorobenzidine
 Concen: 21.97 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

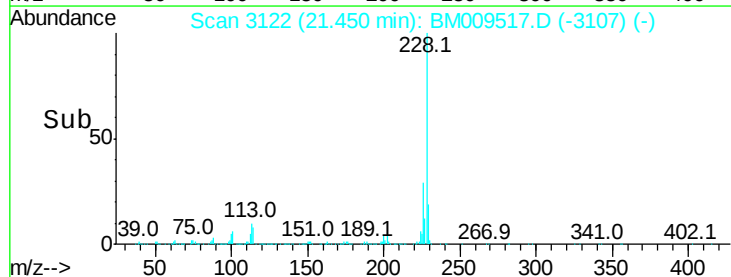
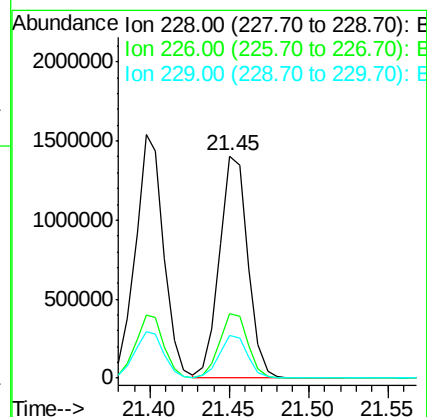
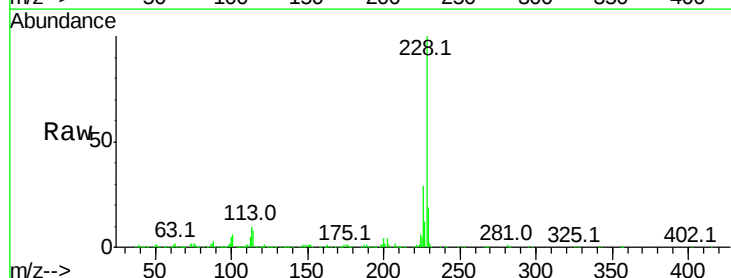
Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MS

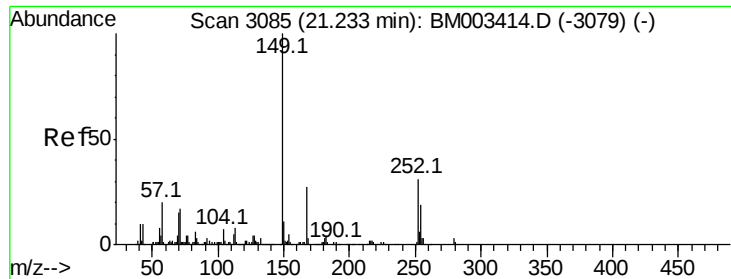
Tot Ion:252 Resp: 429778
 Ion Ratio Lower Upper
 252 100
 254 69.8 51.9 77.9
 126 9.5 9.8 14.8#



#82
 Chrysene
 Concen: 34.96 ng
 RT: 21.45 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BM009517.D
 Acq: 04 Apr 2017 01:17

Tgt Ion:228 Resp: 1743626
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.1 36.1
 229 19.3 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.90 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

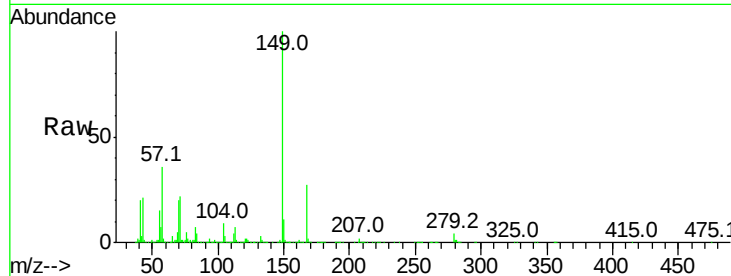
BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:149 Resp: 1114758

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.4	33.6
279	3.8	3.4	5.0

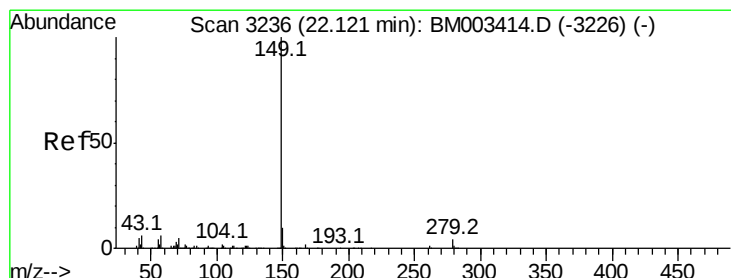
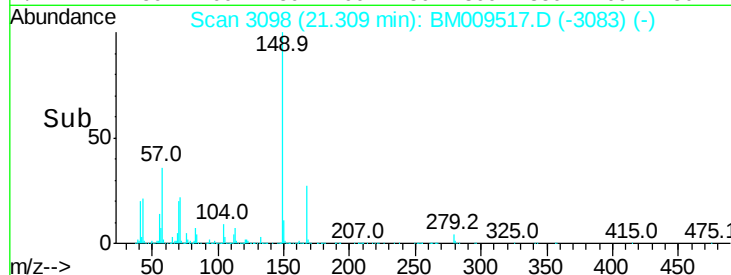
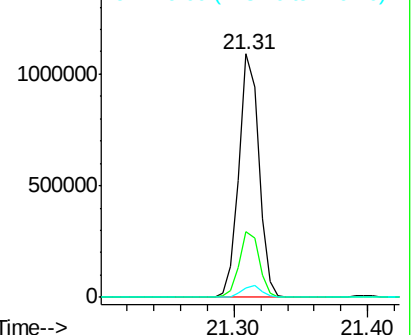


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.76 ng

RT: 22.21 min Scan# 3251

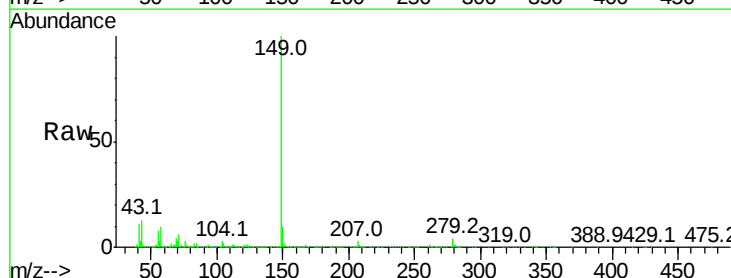
Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Tgt Ion:149 Resp: 1894033

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.1	7.3	10.9

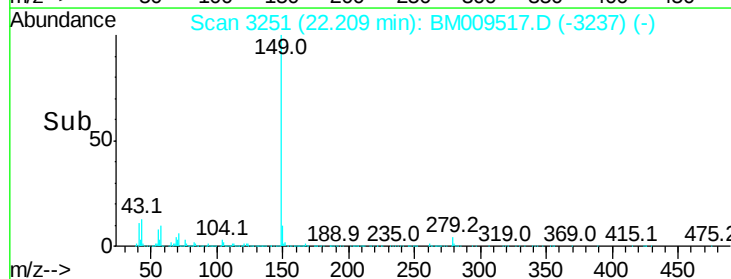
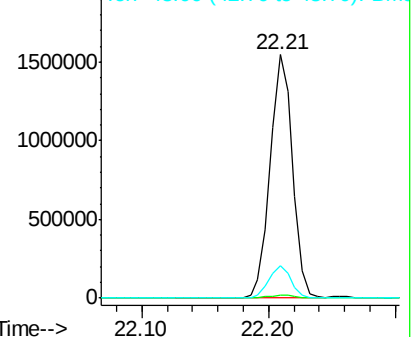


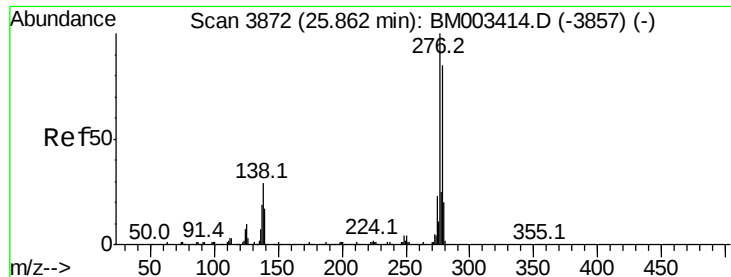
Abundance

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: 37.40 ng

RT: 26.10 min Scan# 3913

Delta R.T. -0.03 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

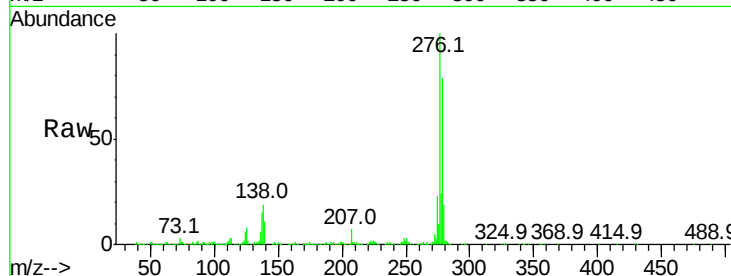
Tot Ion:276 Resp: 2034175

Ion Ratio Lower Upper

276 100

138 19.8 0.0 0.0#

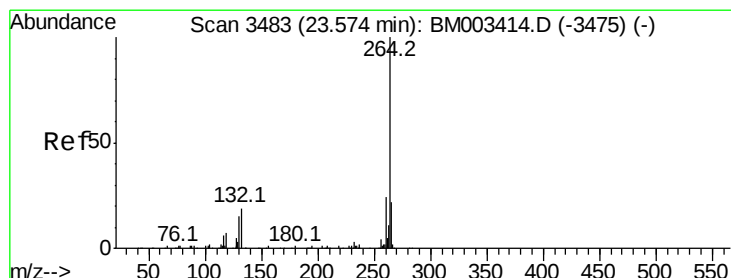
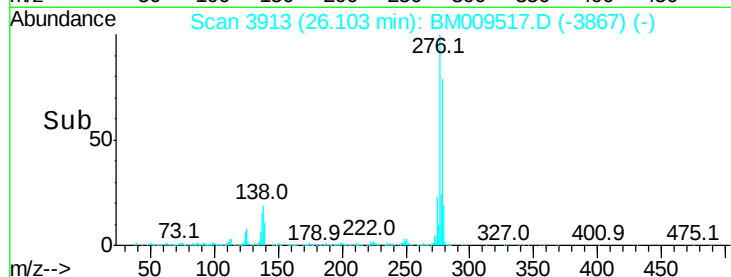
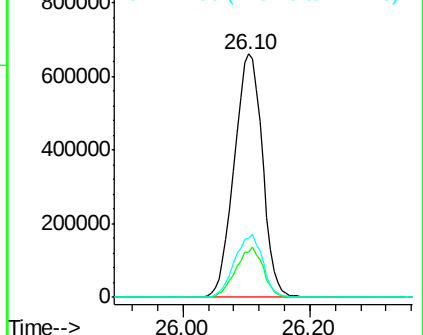
277 25.4 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.74 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

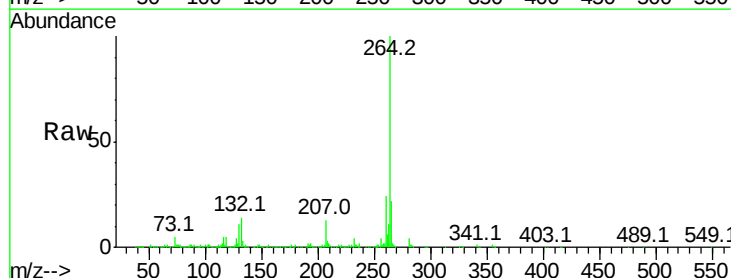
Tgt Ion:264 Resp: 835821

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

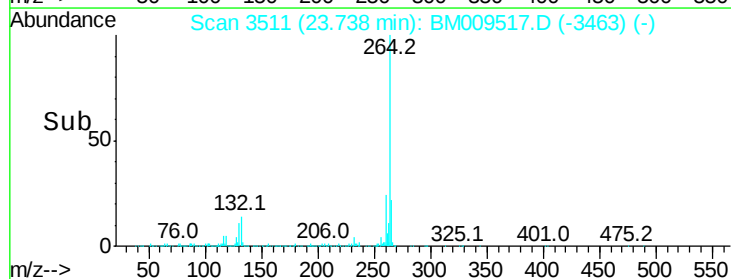
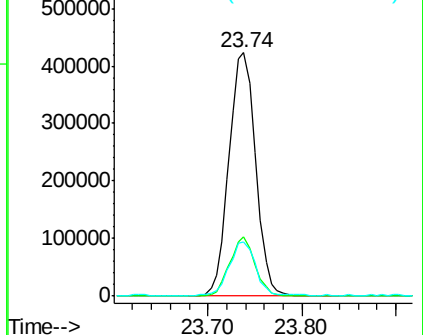
265 22.4 17.3 25.9

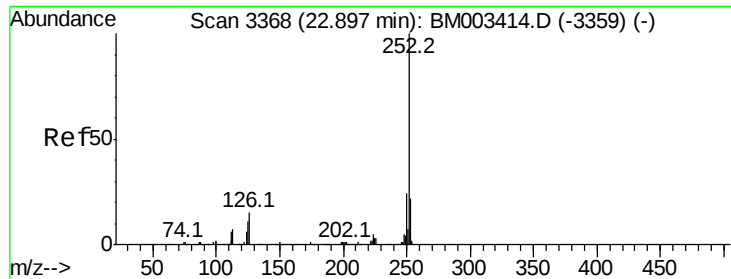


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.02 ng

RT: 23.03 min Scan# 3391

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

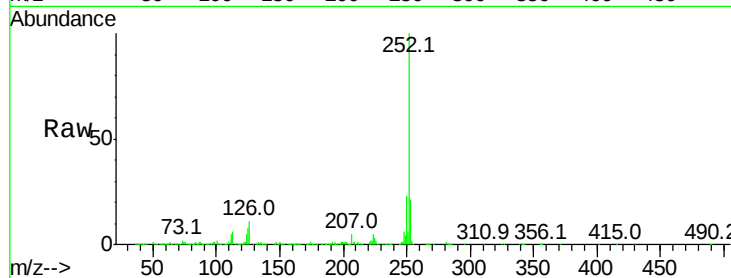
Tot Ion:252 Resp: 1908153

Ion Ratio Lower Upper

252 100

253 20.8 18.0 27.0

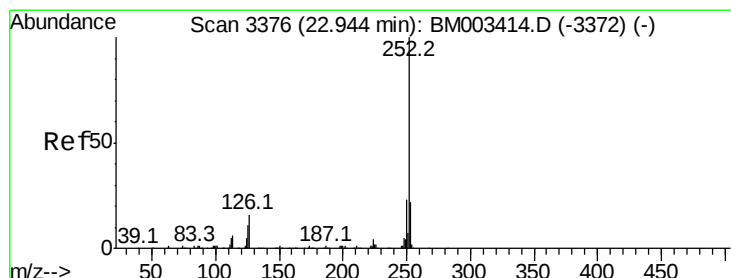
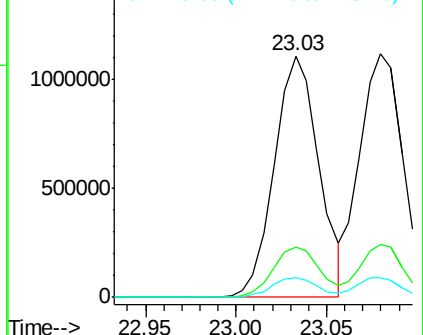
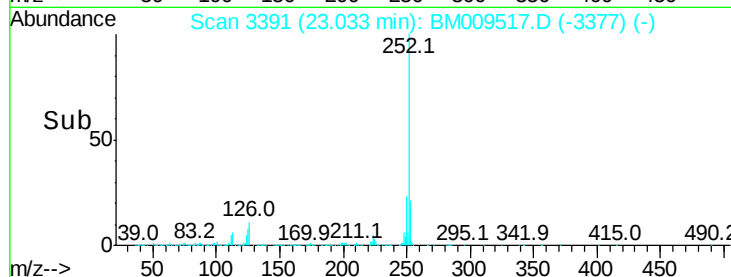
125 7.9 9.9 14.9#



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



#88

Benzo(k)fluoranthene

Concen: 36.31 ng

RT: 23.08 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

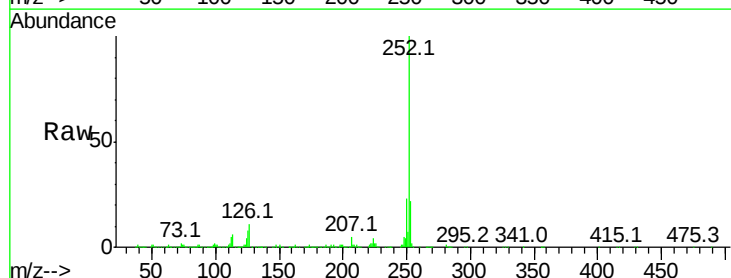
Tgt Ion:252 Resp: 1850128

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

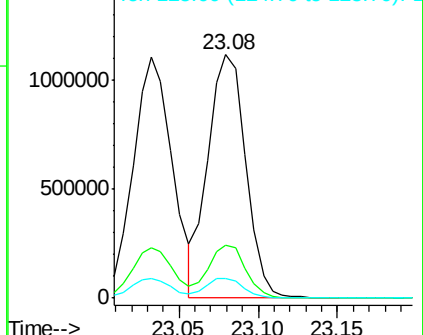
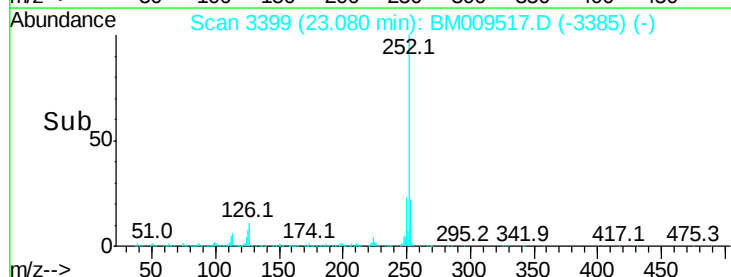
125 8.3 8.1 12.1

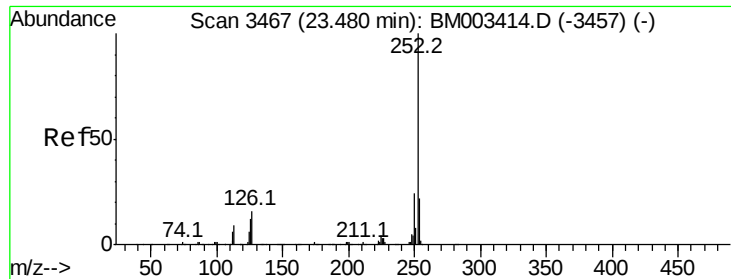


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.69 ng

RT: 23.64 min Scan# 3494

Delta R.T. -0.02 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

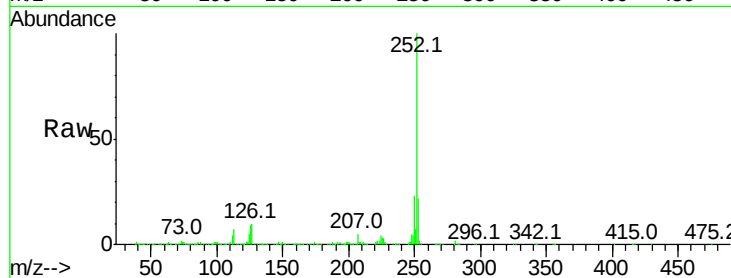
Tot Ion:252 Resp: 1800056

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

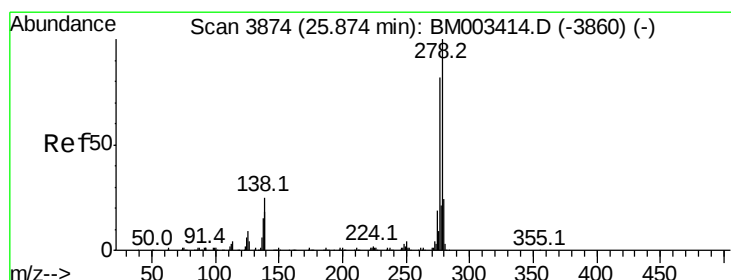
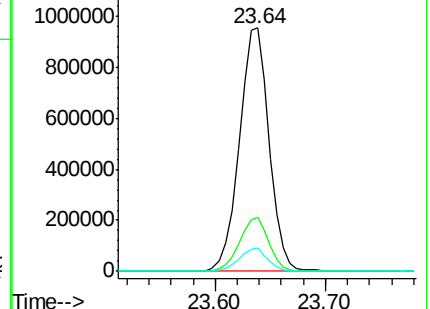
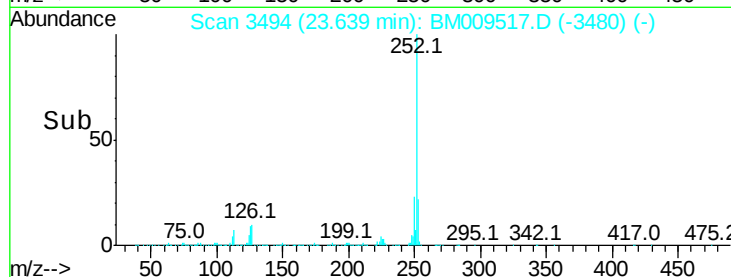
125 9.5 7.4 11.2



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: 36.00 ng

RT: 26.11 min Scan# 3915

Delta R.T. -0.03 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

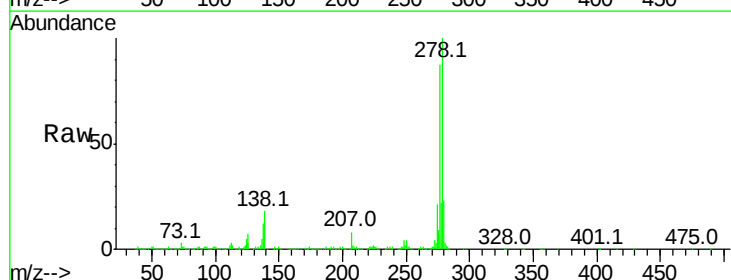
Tgt Ion:278 Resp: 1730132

Ion Ratio Lower Upper

278 100

139 13.3 13.4 20.0#

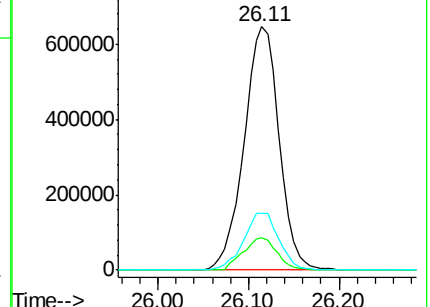
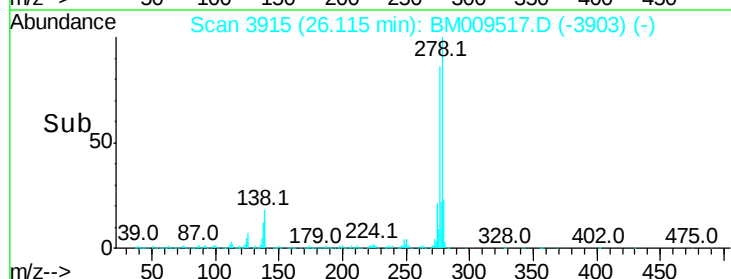
279 23.1 19.0 28.4

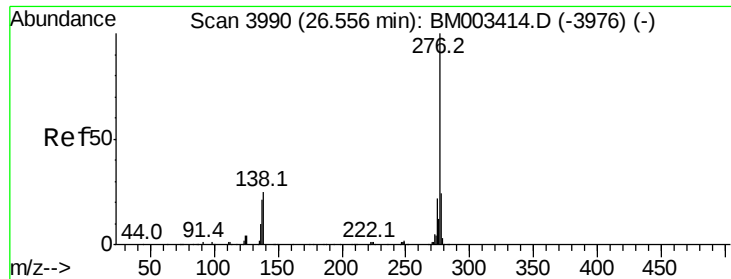


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.32 ng

RT: 26.83 min Scan# 4037

Delta R.T. -0.03 min

Lab File: BM009517.D

Acq: 04 Apr 2017 01:17

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MS

Tot Ion:276 Resp: 1654795

Ion Ratio Lower Upper

276 100

277 22.8 18.5 27.7

138 15.4 19.0 28.6#

