

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014198.D
 Acq On : 08 Feb 2018 18:10
 Operator : SJ/JU
 Sample : J1490-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 09 04:08:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

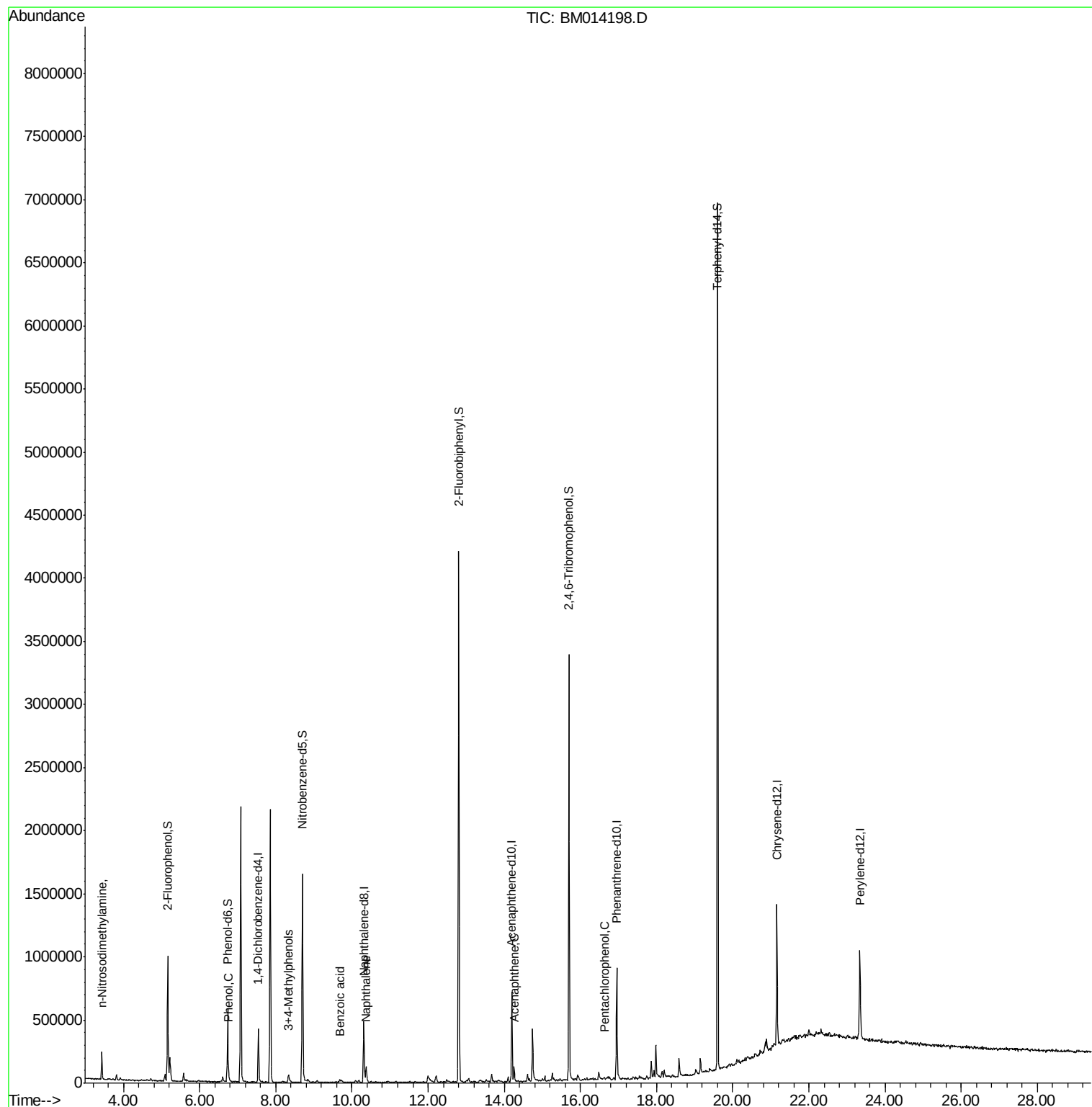
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	88299	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	349685	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	204235	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	472449	20.00	ng	0.00
75) Chrysene-d12	21.16	240	510219	20.00	ng	0.00
86) Perylene-d12	23.34	264	490144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	342973	67.70	ng	0.00
7) Phenol-d6	6.73	99	260908	36.36	ng	0.00
23) Nitrobenzene-d5	8.70	82	895364	114.37	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	452951	156.30	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1879984	114.91	ng	0.00
78) Terphenyl-d14	19.60	244	2933633	112.35	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.43	42	11569	3.15	ng	Qvalue # 1
10) Phenol	6.76	94	20878	2.95	ng	87
20) 3+4-Methylphenols	8.33	107	30302	3.86	ng	# 81
31) Naphthalene	10.36	128	46380	2.42	ng	96
32) Benzoic acid	9.70	122	571	6.31	ng	86
51) Acenaphthene	14.26	154	38280	2.82	ng	91
69) Pentachlorophenol	16.63	266	2638	6.52	ng	92

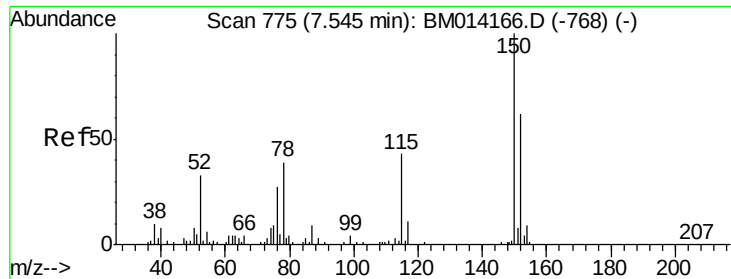
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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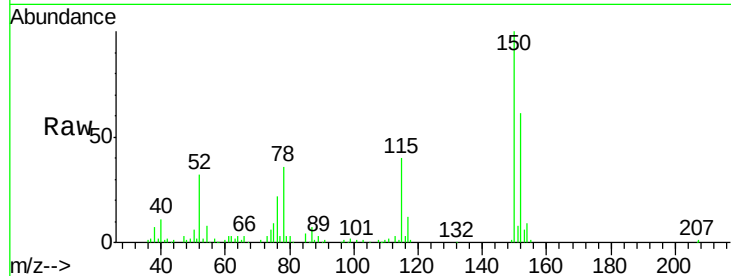


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.2	119.5	179.3
115	66.3	43.0	64.4

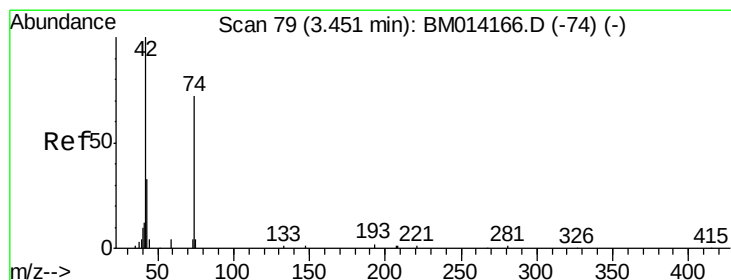
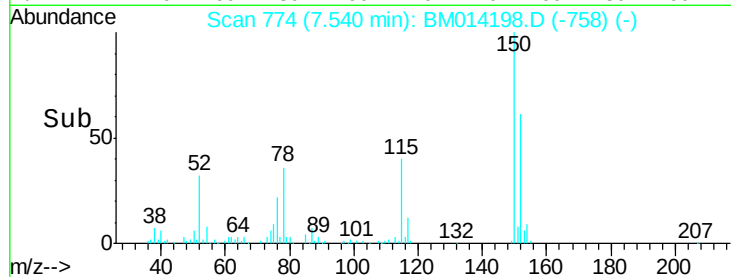
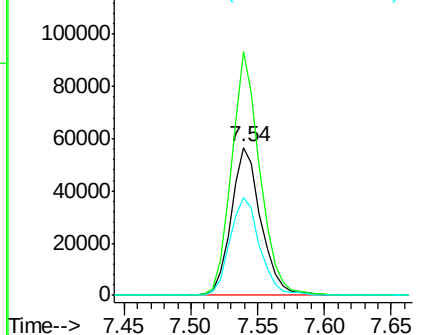


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

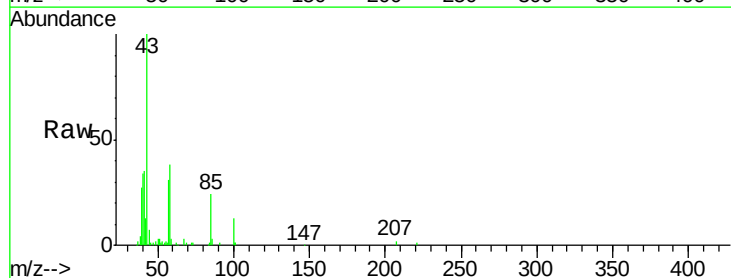
Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine
Concen: 3.15 ng
RT: 3.43 min Scan# 76
Delta R.T. -0.02 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	119.3	178.9
44	50.5	5.4	8.2

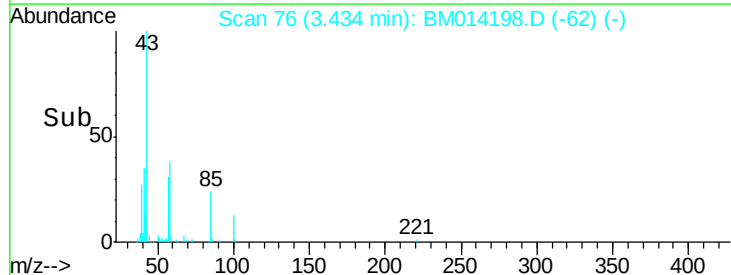
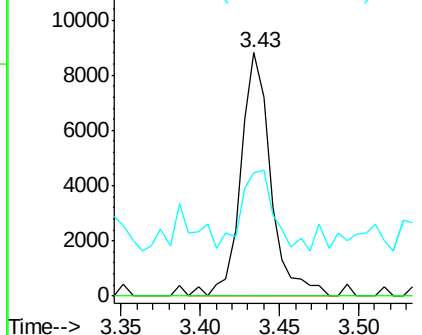


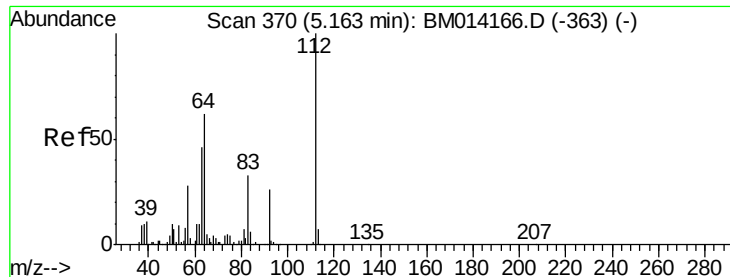
Abundance

Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 67.70 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014198.D

Acq: 08 Feb 2018 18:10

Instrument :

BNA_M

ClientSampleId :

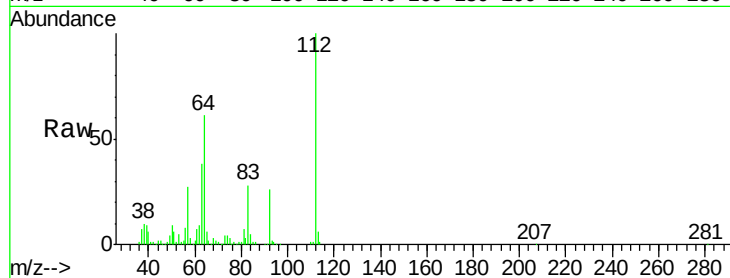
Tot Ion:112 Resp: 342973

Ion Ratio Lower Upper

112 100

64 61.3 38.6 57.8#

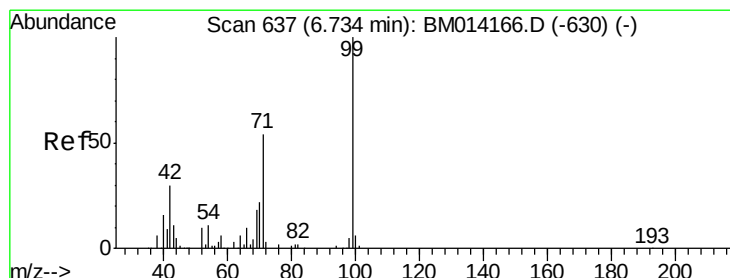
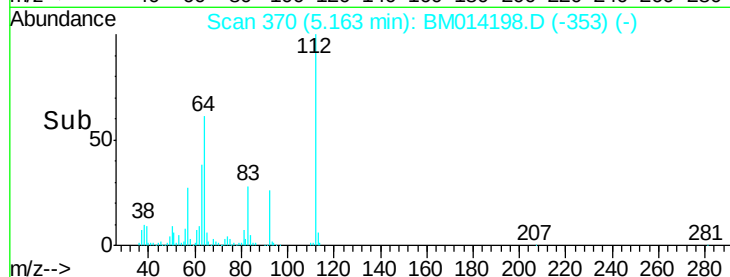
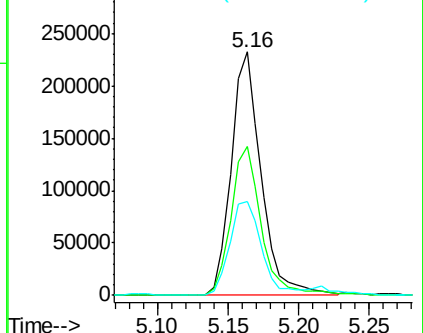
63 38.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 36.36 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014198.D

Acq: 08 Feb 2018 18:10

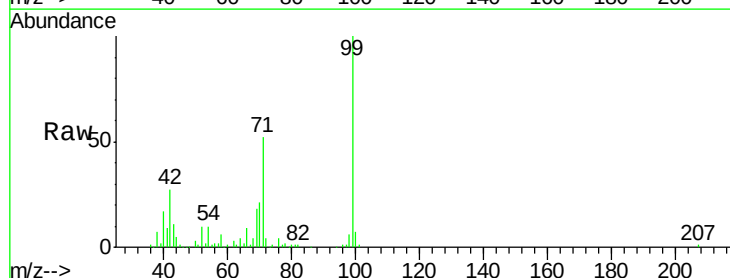
Tgt Ion: 99 Resp: 260908

Ion Ratio Lower Upper

99 100

42 27.2 11.0 16.4#

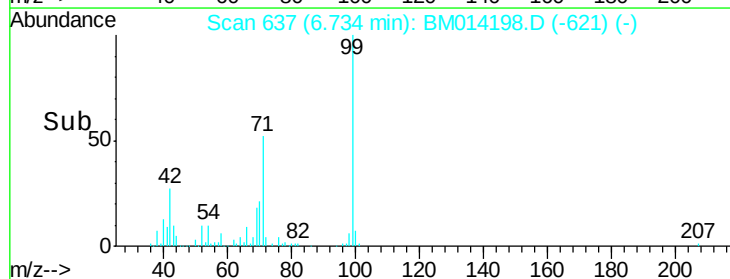
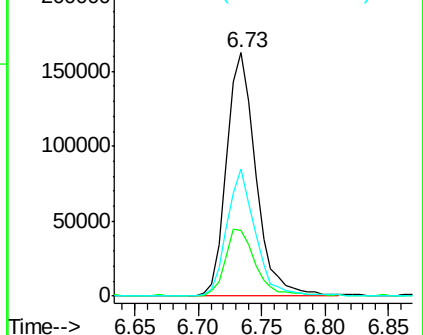
71 52.0 23.4 35.2#

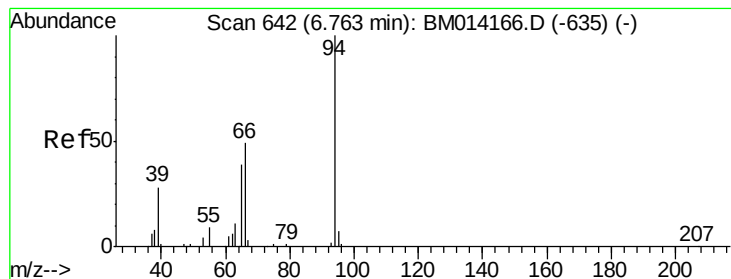


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#10

Phenol

Concen: 2.95 ng

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM014198.D

Acq: 08 Feb 2018 18:10

Instrument :

BNA_M

ClientSampled :

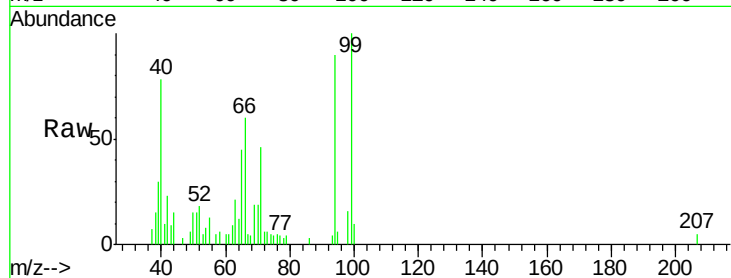
Tot Ion: 94 Resp: 20878

Ion Ratio Lower Upper

94 100

65 49.6 18.8 58.8

66 67.3 39.9 79.9

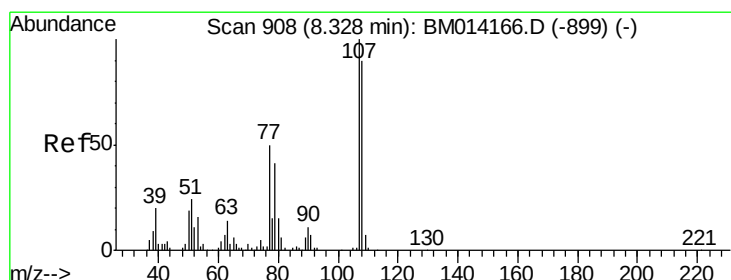
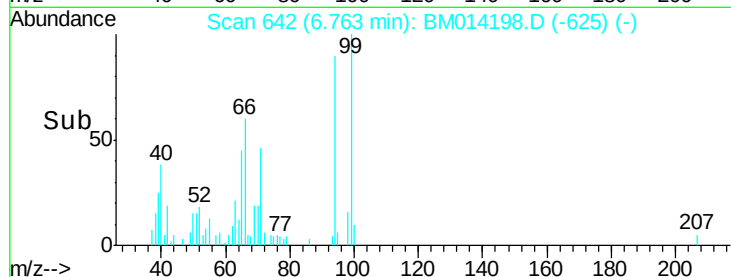
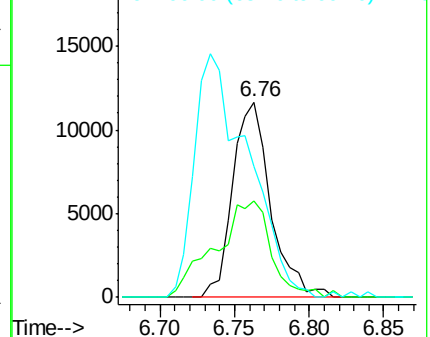


Abundance

Ion 94.00 (93.70 to 94.70): BM014166.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM014166.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM014166.D (-635) (-)



#20

3+4-Methylphenols

Concen: 3.86 ng

RT: 8.33 min Scan# 909

Delta R.T. 0.01 min

Lab File: BM014198.D

Acq: 08 Feb 2018 18:10

Tgt Ion: 107 Resp: 30302

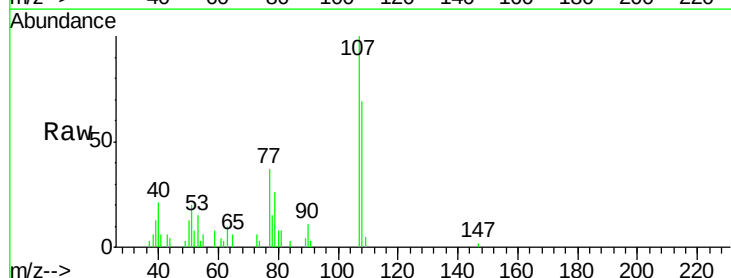
Ion Ratio Lower Upper

107 100

108 69.3 73.2 113.2#

77 37.4 10.7 50.7

79 25.8 9.6 49.6



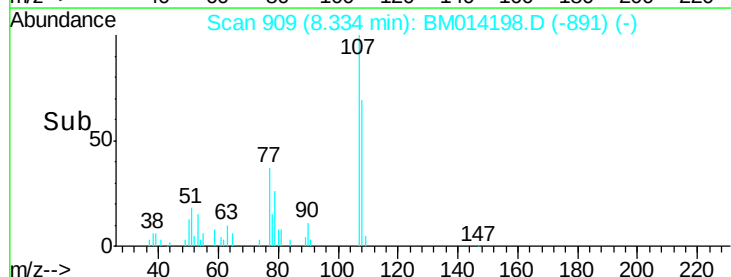
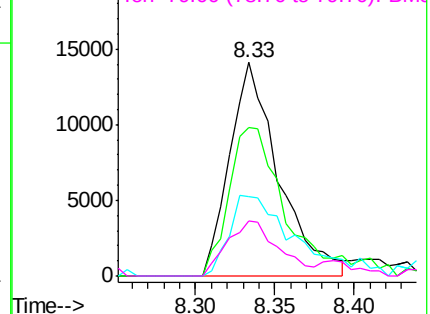
Abundance

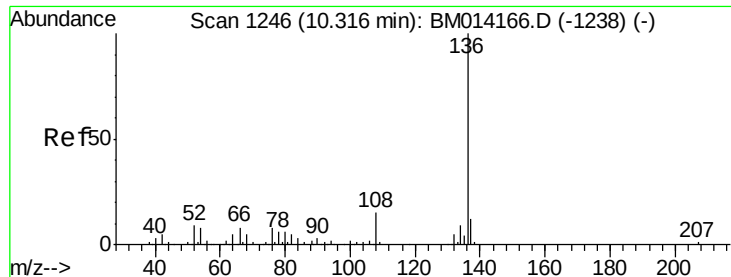
Ion 107.00 (106.70 to 107.70): BM014166.D (-899) (-)

Ion 108.00 (107.70 to 108.70): BM014166.D (-899) (-)

Ion 77.00 (76.70 to 77.70): BM014166.D (-899) (-)

Ion 79.00 (78.70 to 79.70): BM014166.D (-899) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM014198.D

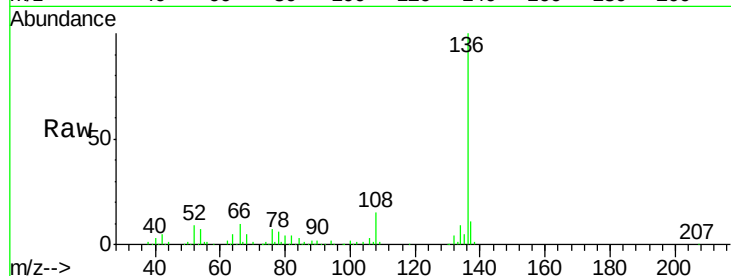
Acq: 08 Feb 2018 18:10

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp:	349685
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.7 13.1
54	7.5	4.6 6.8#
68	5.2	3.7 5.5

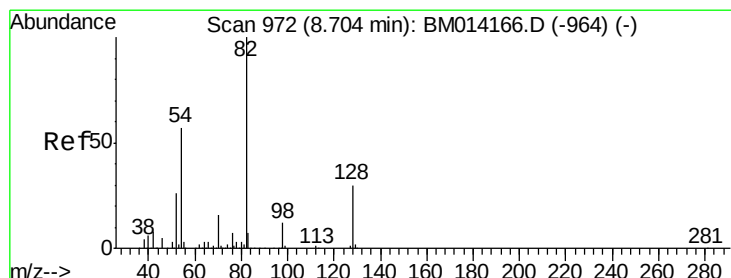
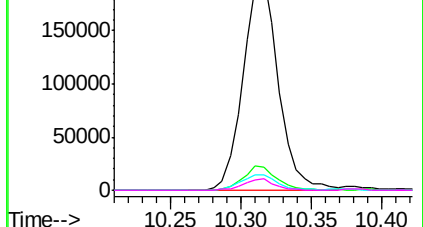
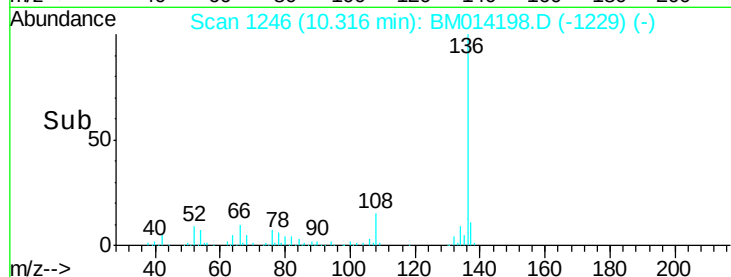


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 114.37 ng

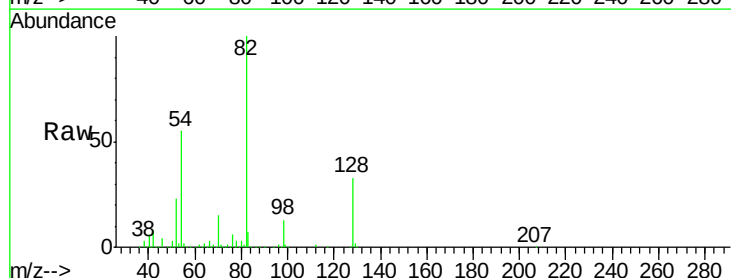
RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BM014198.D

Acq: 08 Feb 2018 18:10

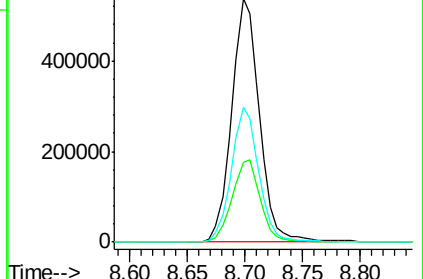
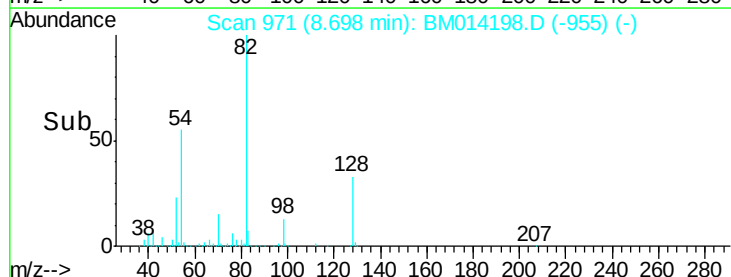
Tgt Ion: 82	Resp:	895364
Ion Ratio	Lower	Upper
82	100	
128	32.7	32.8 49.2#
54	55.4	40.6 60.8

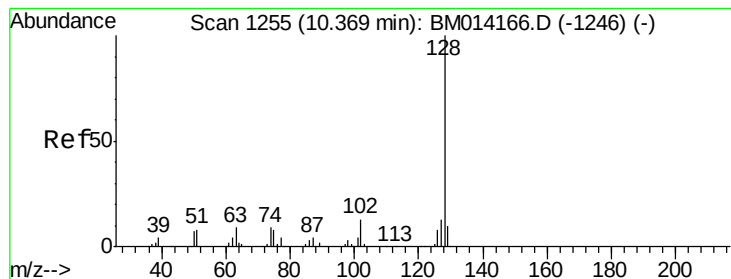


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#31

Naphthalene

Concen: 2.42 ng

RT: 10.36 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM014198.D

Acq: 08 Feb 2018 18:10

Instrument :

BNA_M

ClientSampleId :

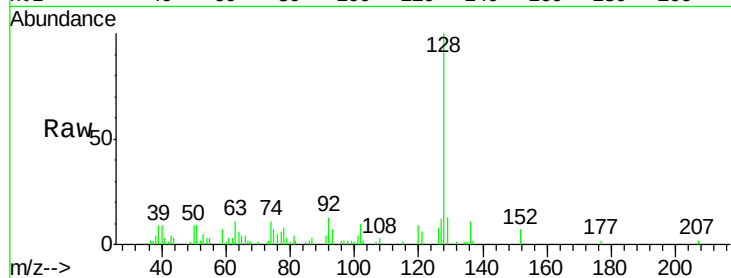
Tot Ion:128 Resp: 46380

Ion Ratio Lower Upper

128 100

129 13.0 8.9 13.3

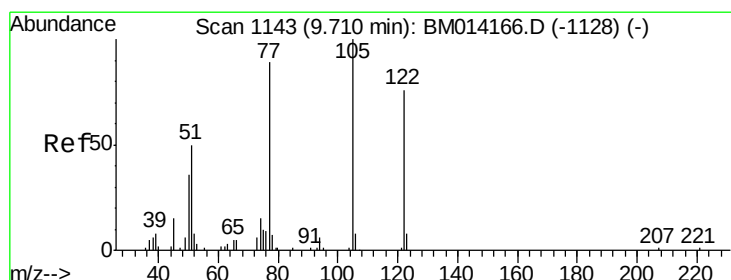
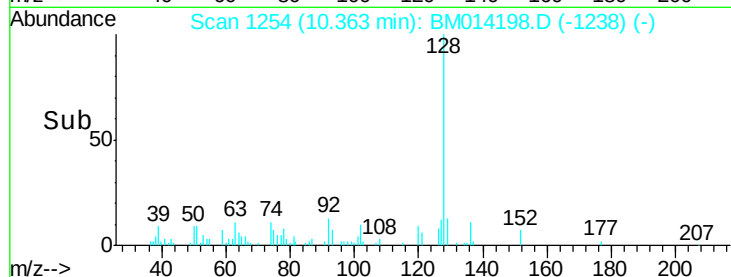
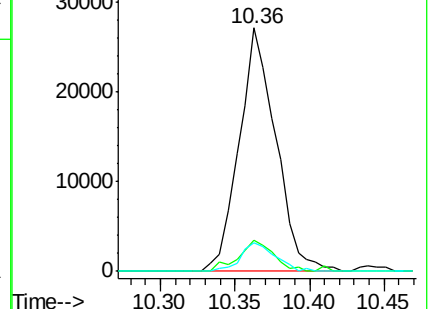
127 11.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.31 ng

RT: 9.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BM014198.D

Acq: 08 Feb 2018 18:10

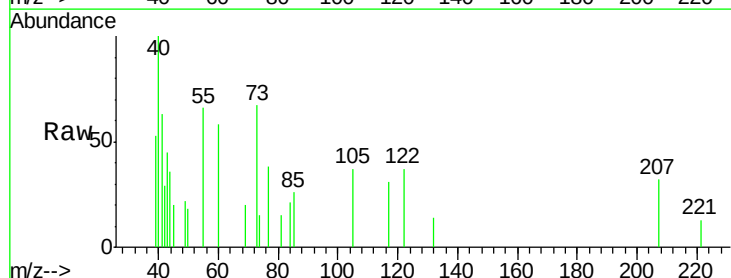
Tgt Ion:122 Resp: 571

Ion Ratio Lower Upper

122 100

105 100.8 99.9 139.9

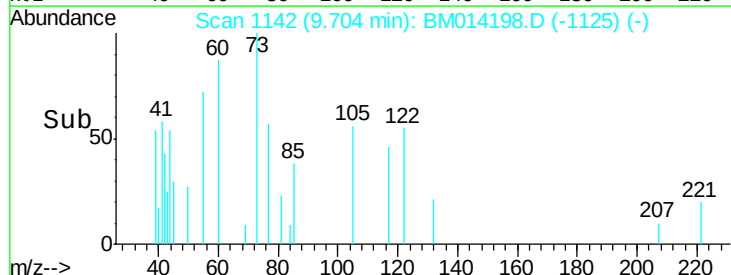
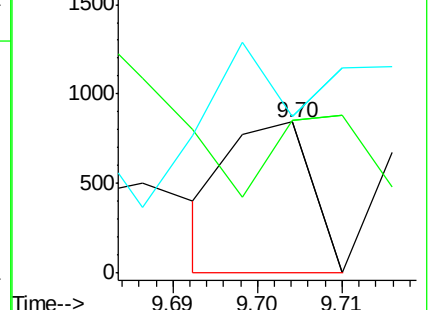
77 103.3 73.7 113.7

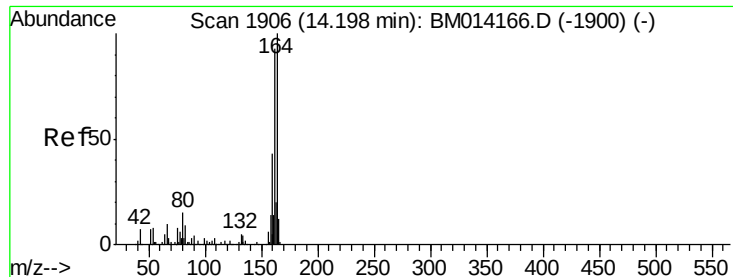


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

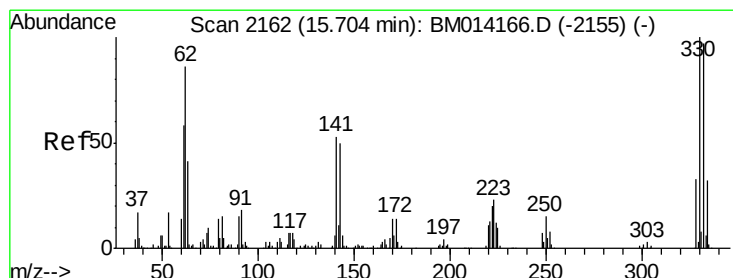
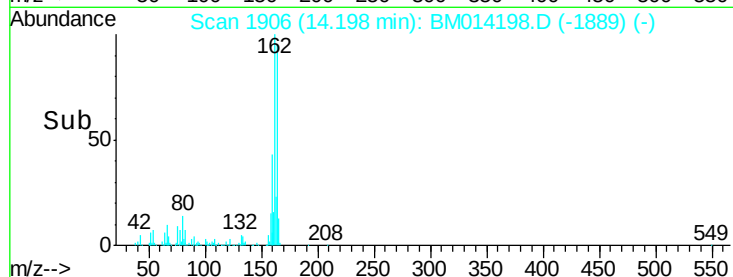
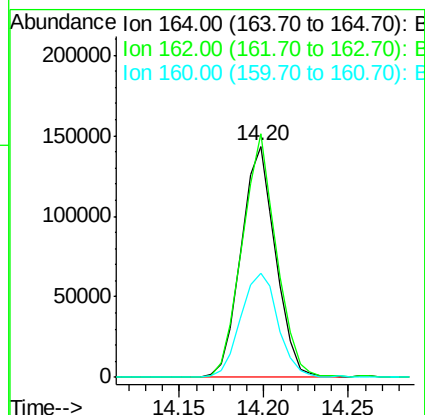
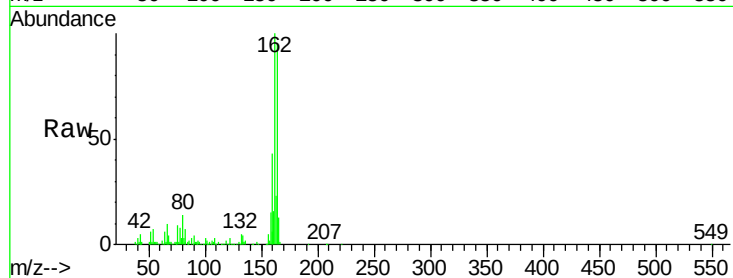




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

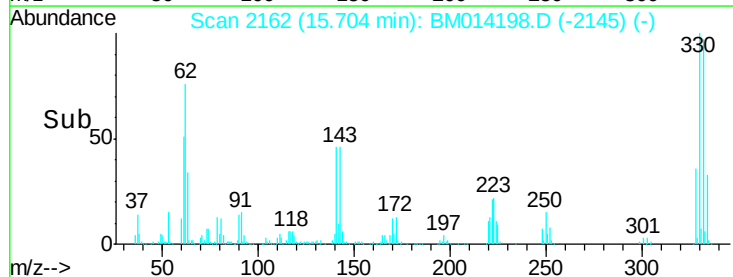
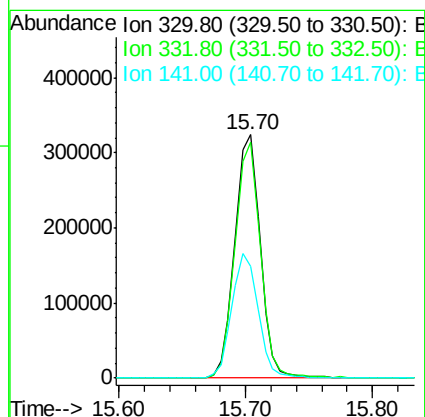
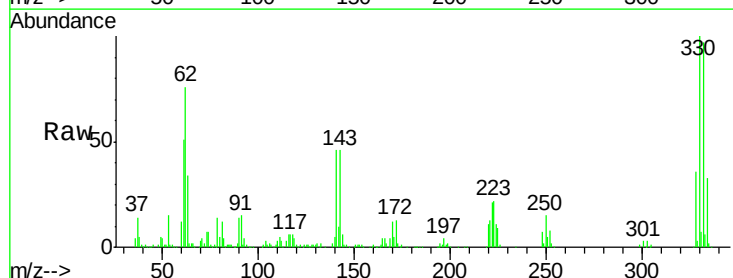
Instrument :
BNA_M
ClientSampleId :

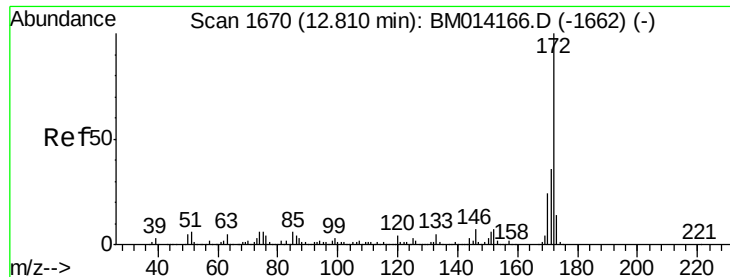
Tot Ion:164 Resp: 204235
Ion Ratio Lower Upper
164 100
162 105.5 82.4 123.6
160 44.9 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 156.30 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Tgt Ion:330 Resp: 452951
Ion Ratio Lower Upper
330 100
332 96.4 0.0 0.0#
141 52.8 0.0 0.0#

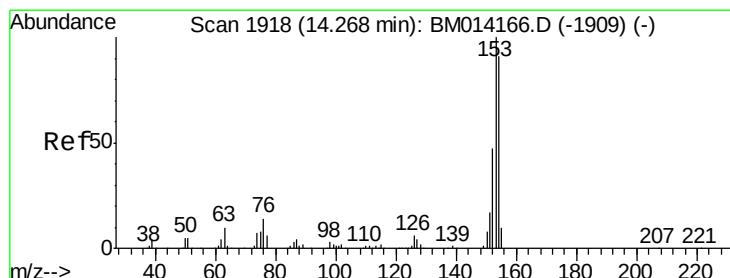
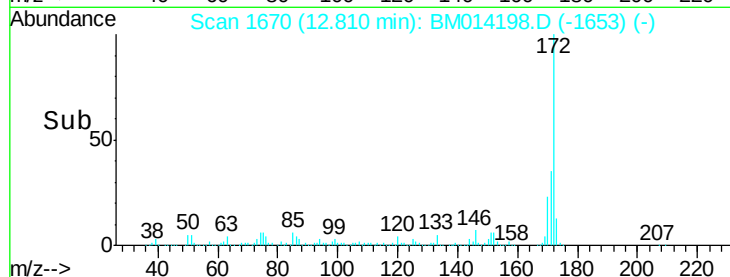
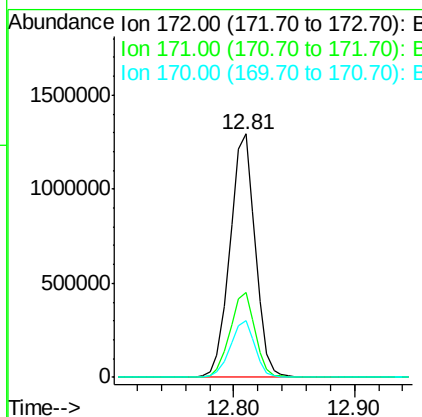
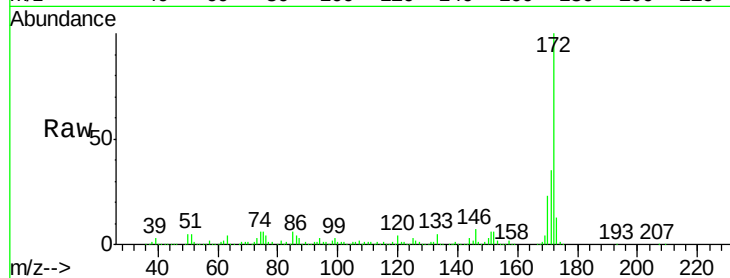




#44
2-Fluorobiphenyl
Concen: 114.91 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

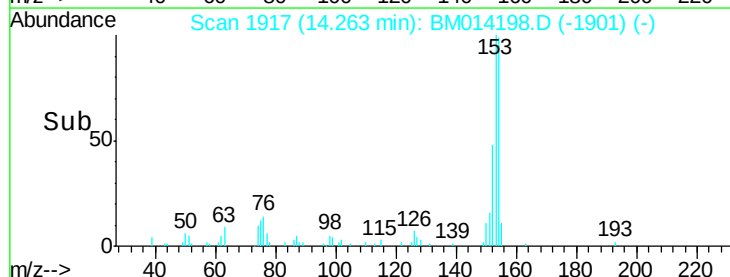
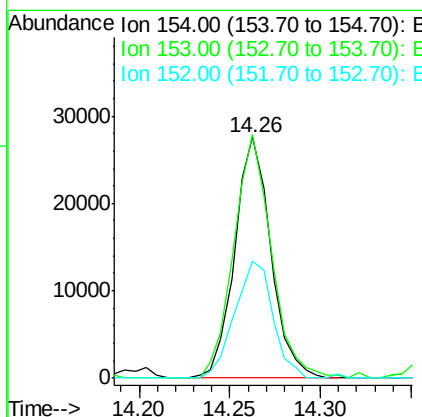
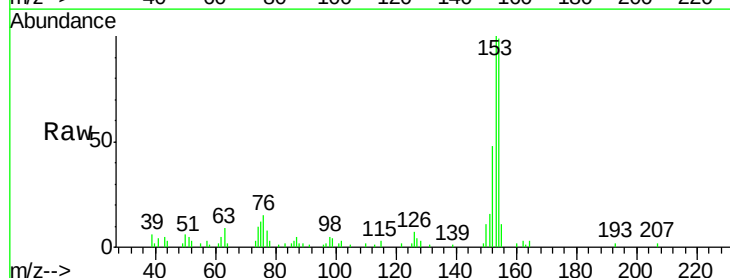
Instrument :
BNA_M
ClientSampleId :

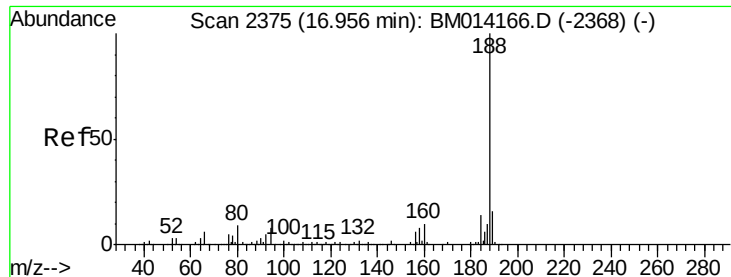
Tot Ion:172 Resp: 1879984
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.1 18.8 28.2



#51
Acenaphthene
Concen: 2.82 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Tgt Ion:154 Resp: 38280
Ion Ratio Lower Upper
154 100
153 101.1 90.0 135.0
152 48.4 42.6 63.8

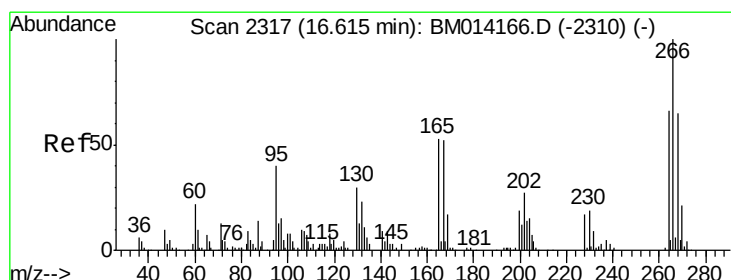
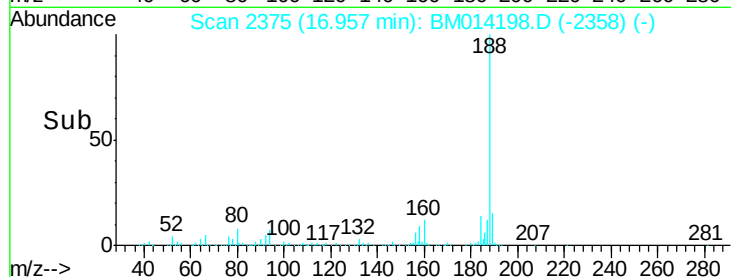
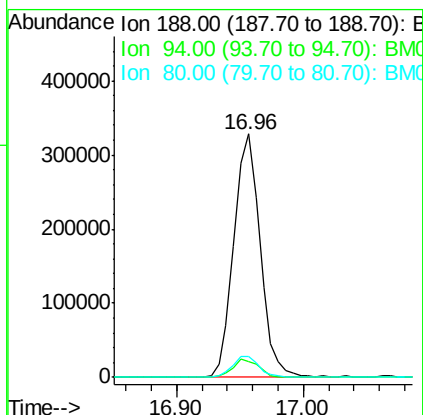
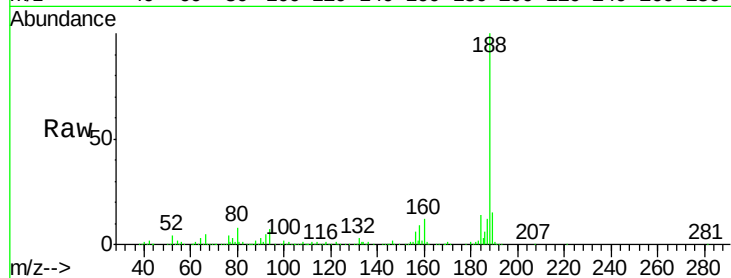




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

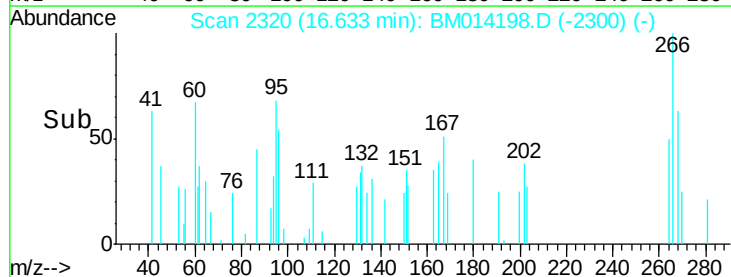
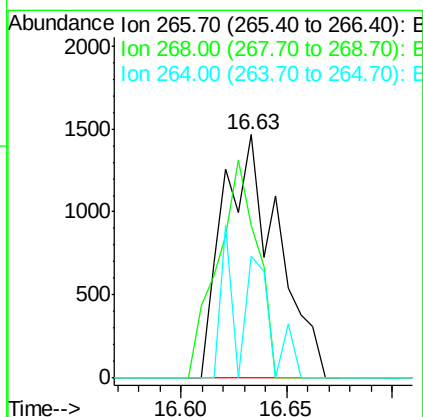
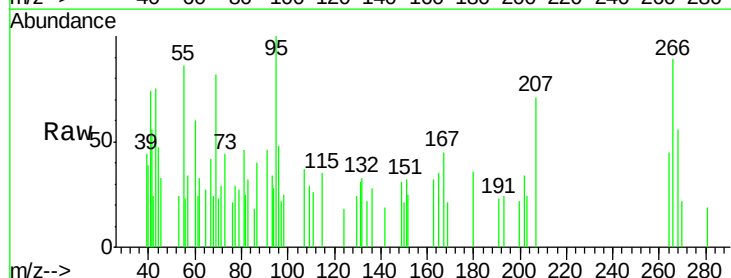
Instrument :
BNA_M
ClientSampleId :

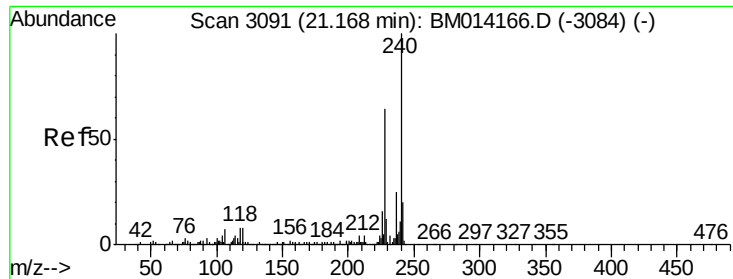
Tot Ion:188 Resp: 472449
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 8.3 9.3 13.9#



#69
Pentachlorophenol
Concen: 6.52 ng
RT: 16.63 min Scan# 2320
Delta R.T. 0.02 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Tgt Ion:266 Resp: 2638
Ion Ratio Lower Upper
266 100
268 62.9 52.0 78.0
264 50.1 49.0 73.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014198.D

Acq: 08 Feb 2018 18:10

Instrument :

BNA_M

ClientSampled :

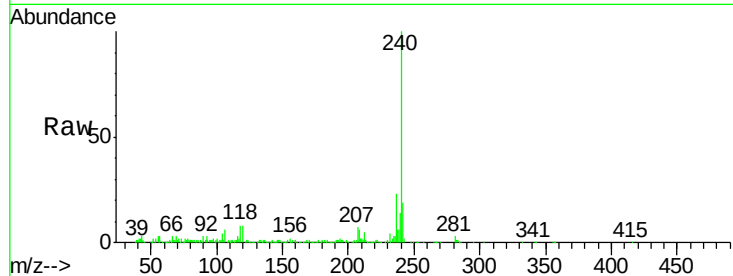
Tot Ion:240 Resp: 510219

Ion Ratio Lower Upper

240 100

120 7.7 8.2 12.2#

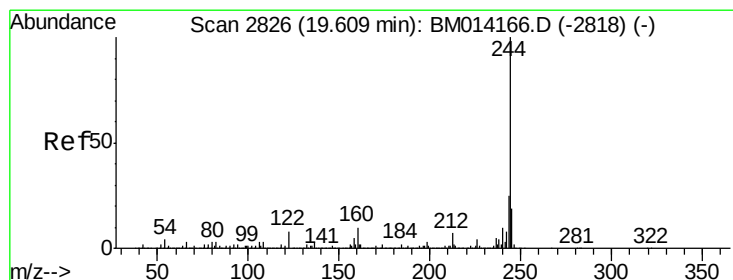
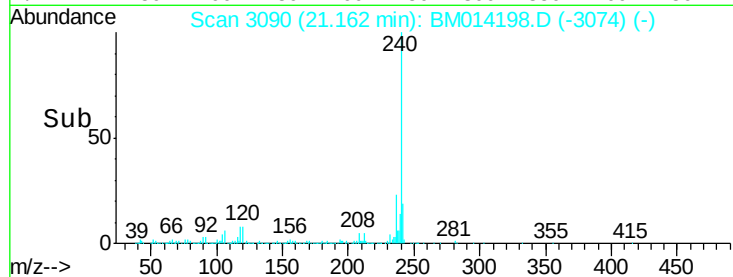
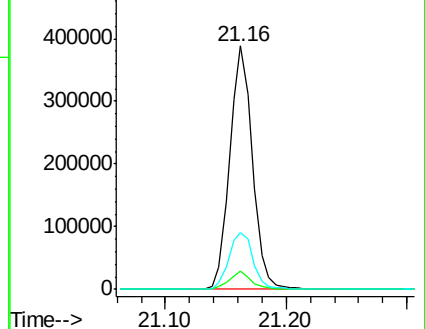
236 23.2 20.0 30.0



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



#78

Terphenyl-d14

Concen: 112.35 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM014198.D

Acq: 08 Feb 2018 18:10

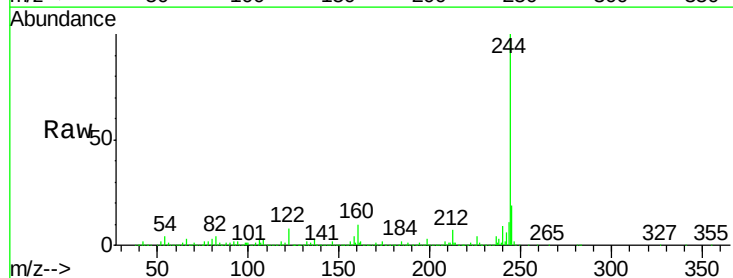
Tgt Ion:244 Resp: 2933633

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

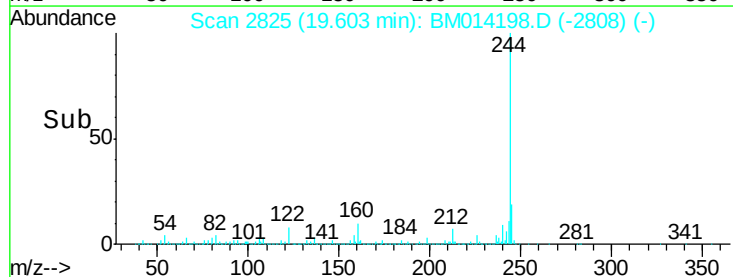
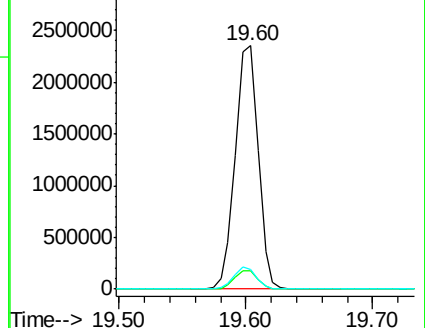
122 8.1 6.2 9.4

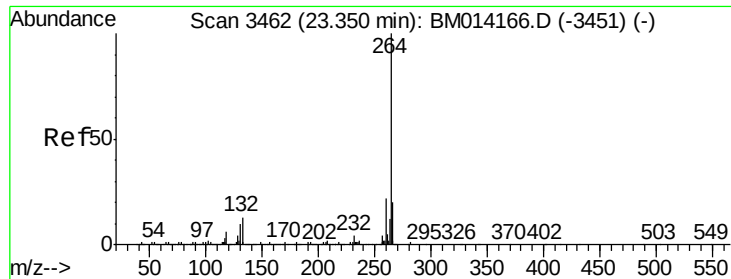


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.34 min Scan# 3460
 Delta R.T. -0.01 min
 Lab File: BM014198.D
 Acq: 08 Feb 2018 18:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	24.6	17.3	25.9

