

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015887.D
 Acq On : 11 Jul 2018 14:01
 Operator : SJ/JU
 Sample : J3925-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-2

Quant Time: Jul 11 14:53:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

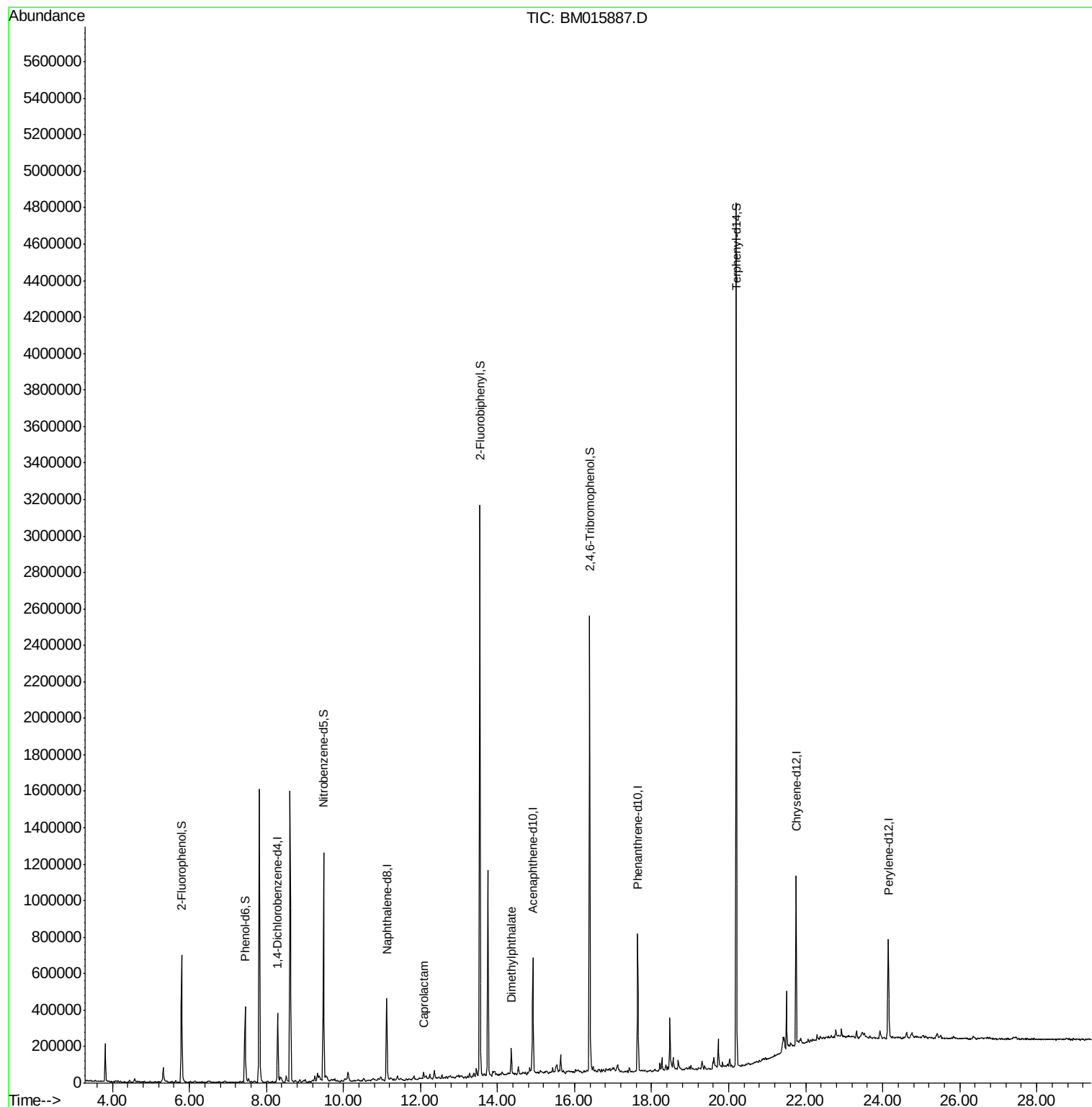
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	85055	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	338810	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	188363	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	389965	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	376108	20.00	ng	-0.02
86) Perylene-d12	24.14	264	368805	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	257545	51.93	ng	-0.02
7) Phenol-d6	7.45	99	192034	28.28	ng	-0.02
23) Nitrobenzene-d5	9.48	82	646392	93.09	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	329090	133.71	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1315632	86.71	ng	-0.02
78) Terphenyl-d14	20.20	244	1751491	86.38	ng	-0.02
Target Compounds						
35) Caprolactam	12.08	113	7603	4.681	ng	# 74
49) Dimethylphthalate	14.36	163	77725	4.679	ng	# 99

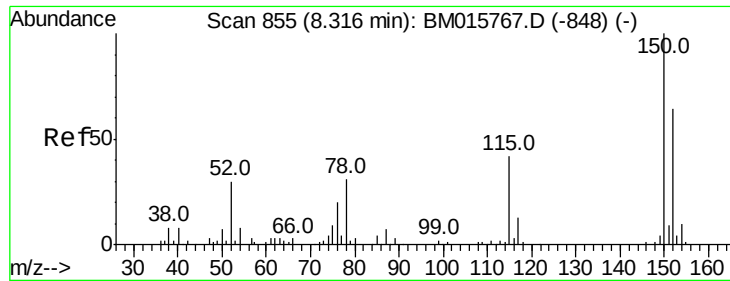
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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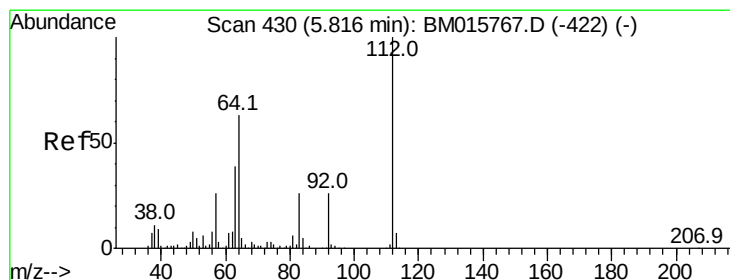
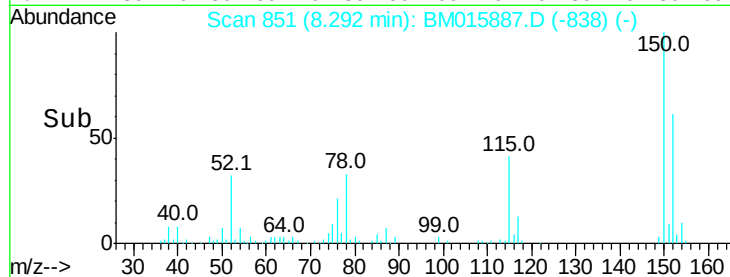
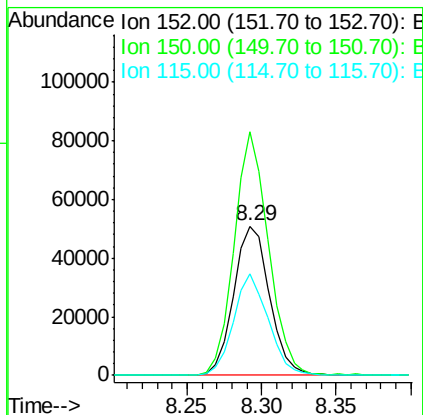
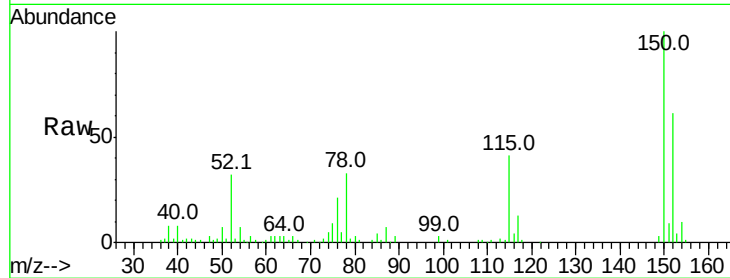


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015887.D
Acq: 11 Jul 2018 14:01

Instrument :
BNA_M
ClientSampleId :
MW-2

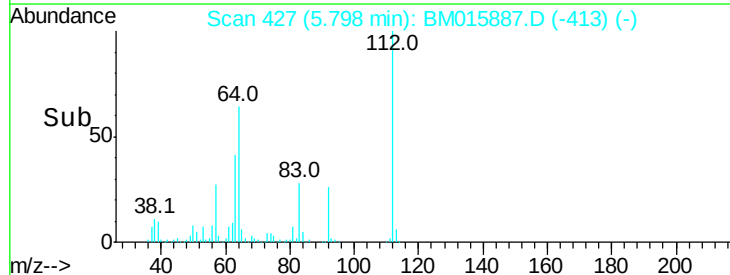
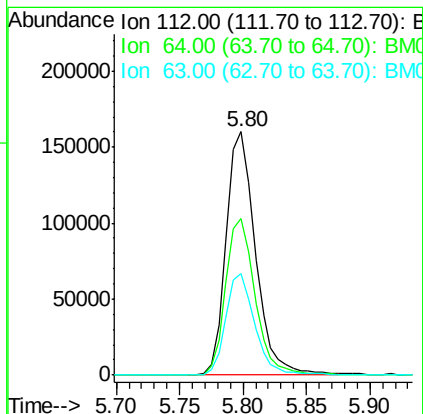
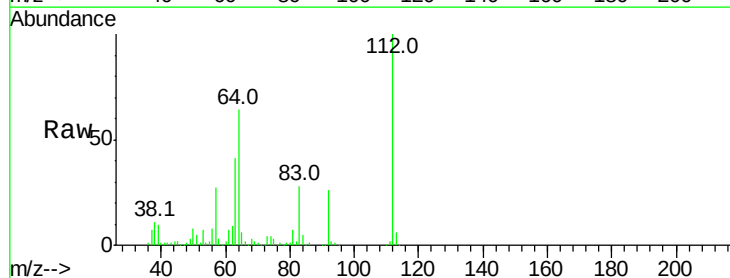
Tot Ion:152 Resp: 85055
Ion Ratio Lower Upper
152 100
150 163.2 119.5 179.3
115 67.7 43.0 64.4#

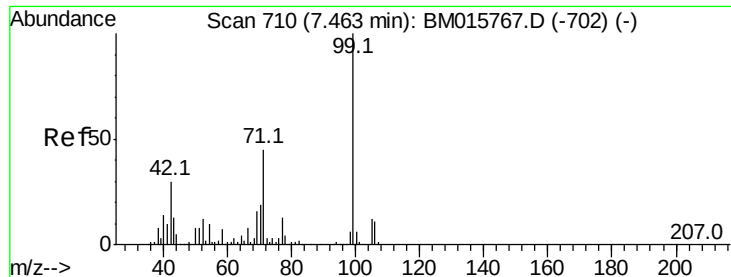


#5

2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015887.D
Acq: 11 Jul 2018 14:01

Tgt Ion:112 Resp: 257545
Ion Ratio Lower Upper
112 100
64 64.2 38.6 57.8#
63 41.5 19.3 28.9#





#7

Phenol-d6

Concen: Below na

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015887.D

Acq: 11 Jul 2018 14:01

Instrument :

BNA_M

ClientSampleId :

MW-2

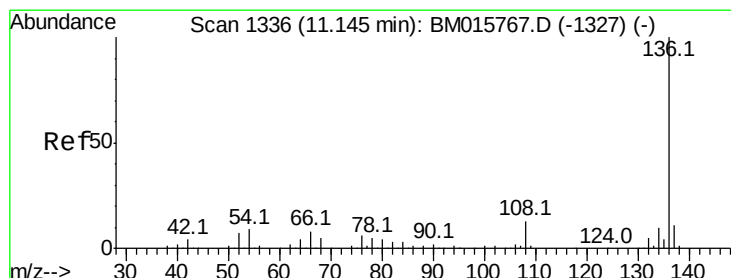
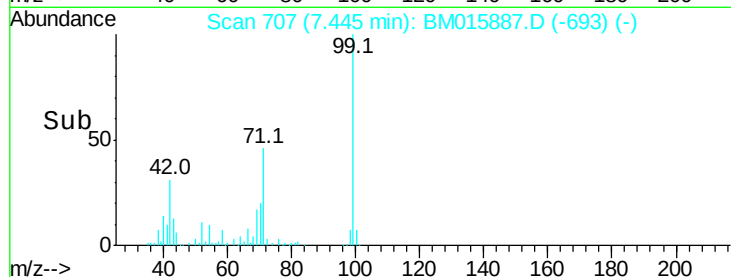
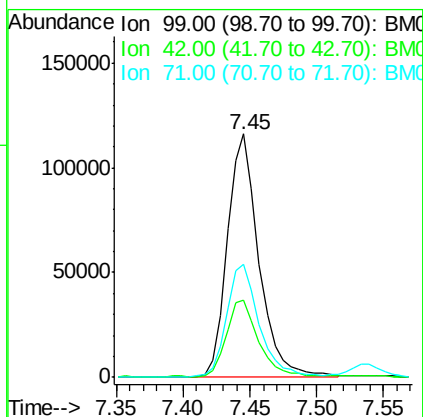
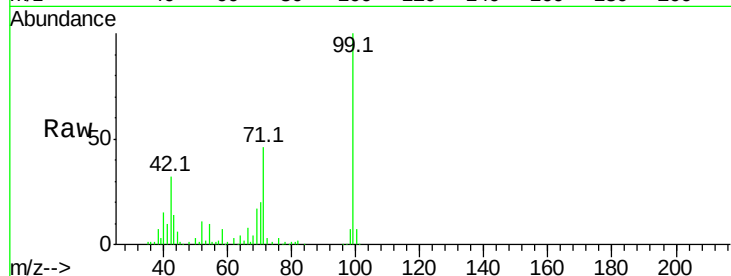
Tot Ion: 99 Resp: 192034

Ion Ratio Lower Upper

99 100

42 31.6 11.0 16.4#

71 46.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM015887.D

Acq: 11 Jul 2018 14:01

Tgt Ion: 136 Resp: 338810

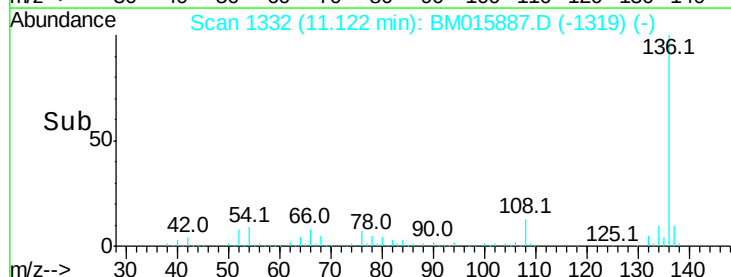
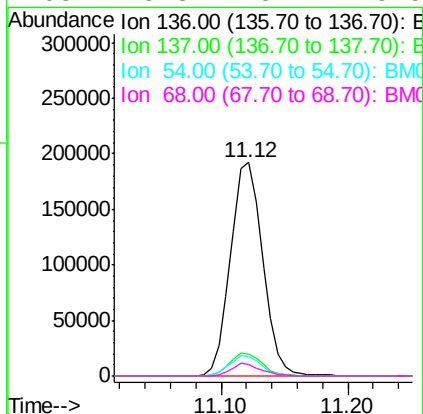
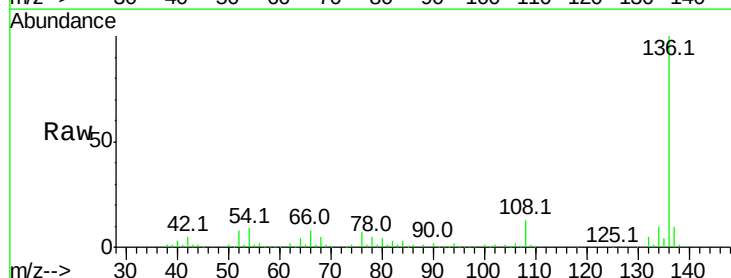
Ion Ratio Lower Upper

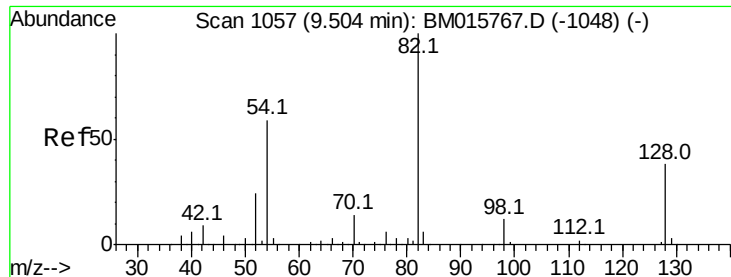
136 100

137 10.5 8.7 13.1

54 9.0 4.6 6.8#

68 5.3 3.7 5.5

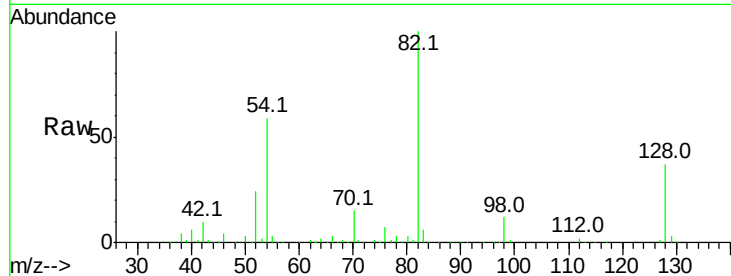




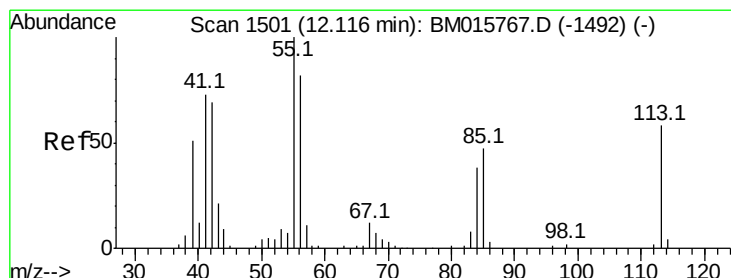
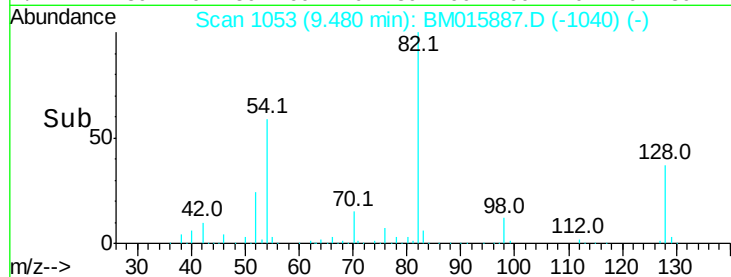
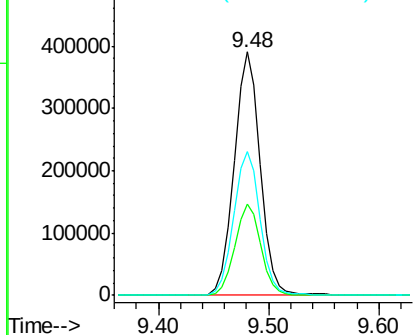
#23
Nitrobenzene-d5
Concen: N.D. na
RT: 9.48 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM015887.D
Acq: 11 Jul 2018 14:01

Instrument :
BNA_M
ClientSampleId :
MW-2

Tot Ion: 82 Resp: 646392
Ion Ratio Lower Upper
82 100
128 37.3 32.8 49.2
54 59.2 40.6 60.8

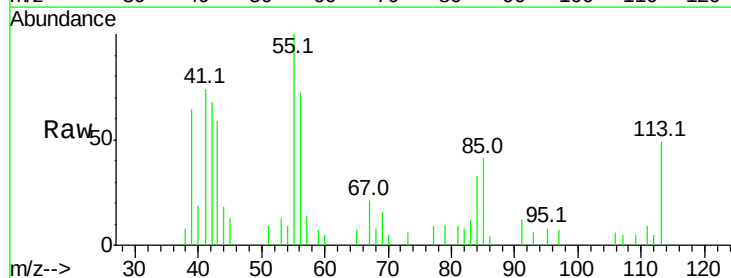


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

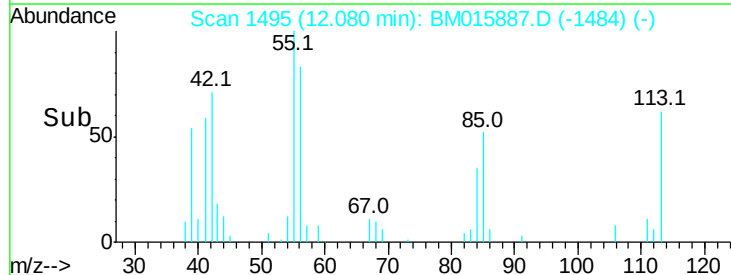
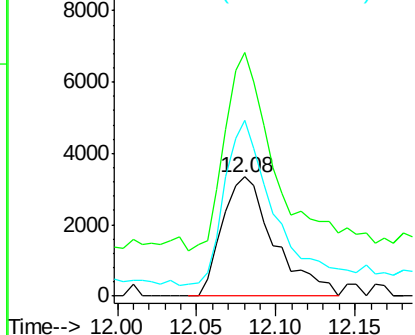


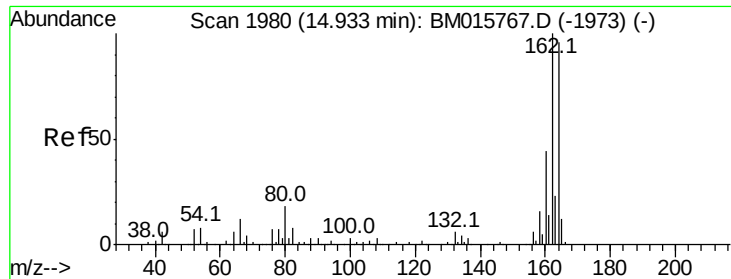
#35
Caprolactam
Concen: 4.681 ng
RT: 12.08 min Scan# 1495
Delta R.T. -0.04 min
Lab File: BM015887.D
Acq: 11 Jul 2018 14:01

Tgt Ion: 113 Resp: 7603
Ion Ratio Lower Upper
113 100
55 204.0 145.9 185.9#
56 146.9 101.0 141.0#



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

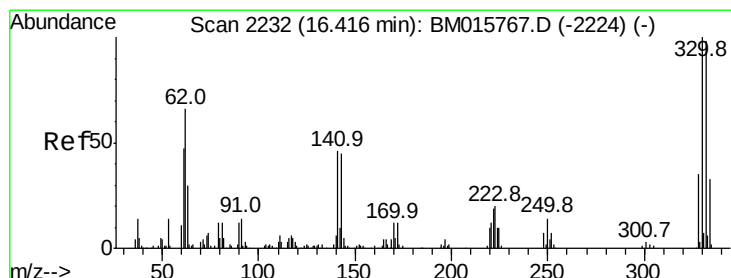
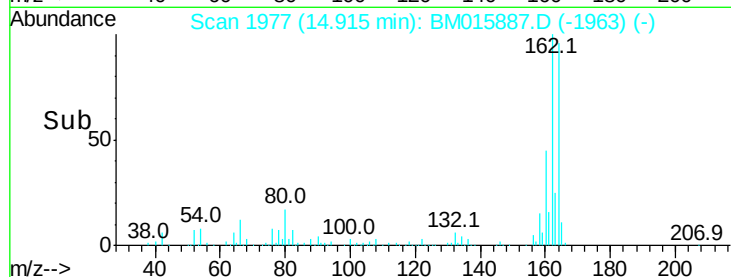
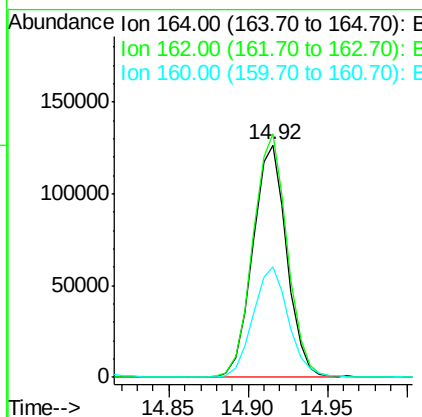
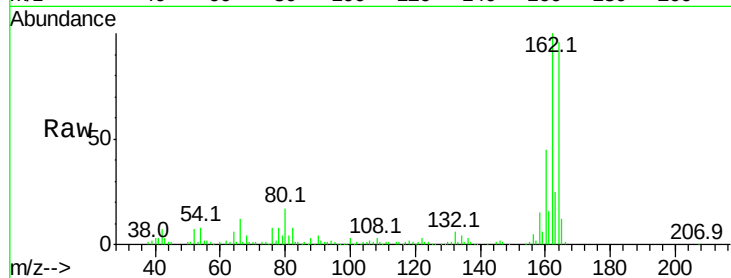




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1977
 Delta R.T. -0.02 min
 Lab File: BM015887.D
 Acq: 11 Jul 2018 14:01

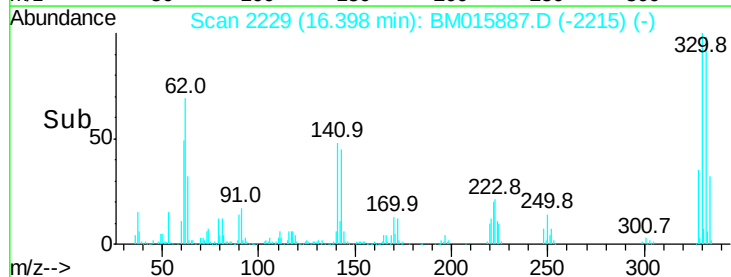
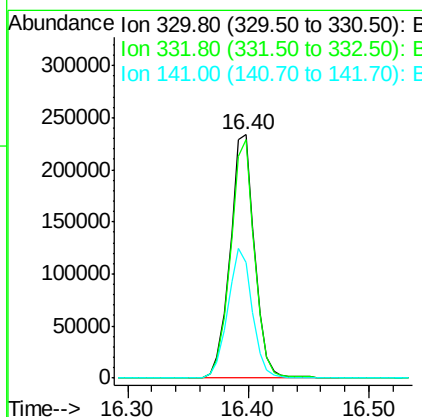
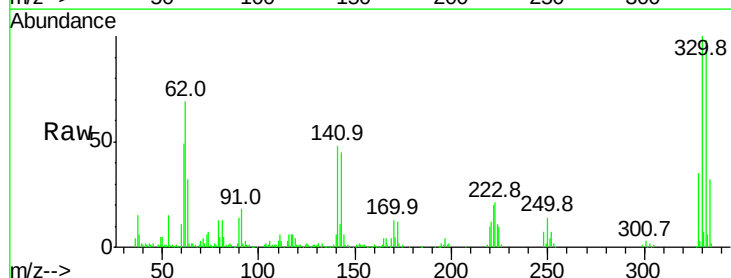
Instrument :
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 ClientSampleId :
 MW-2

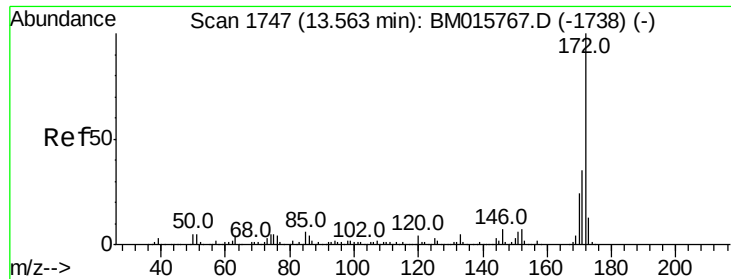
Tot Ion:164 Resp: 188363
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.4 123.6
 160 47.5 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015887.D
 Acq: 11 Jul 2018 14:01

Tgt Ion:330 Resp: 329090
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 52.8 0.0 0.0#

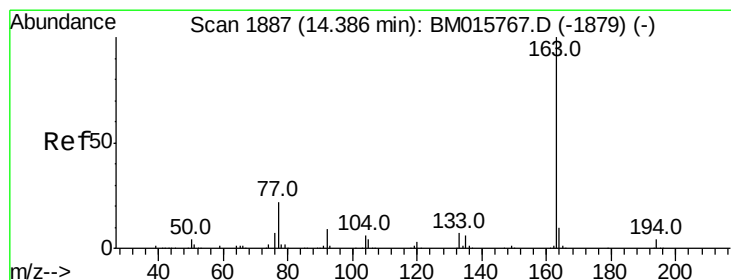
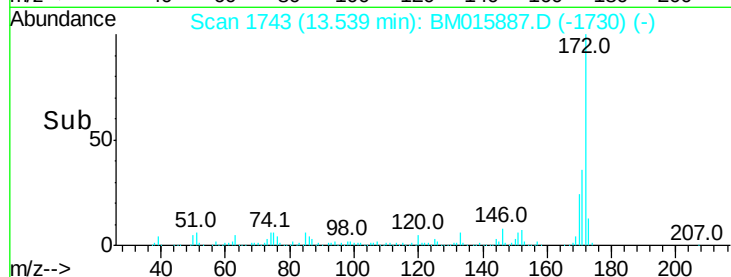
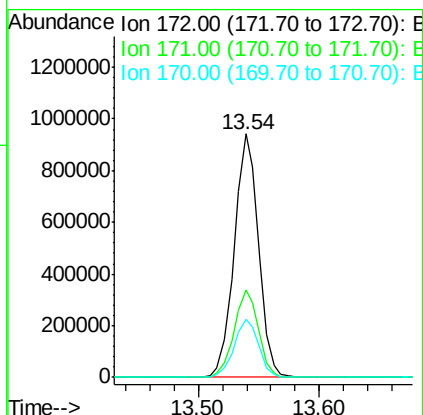
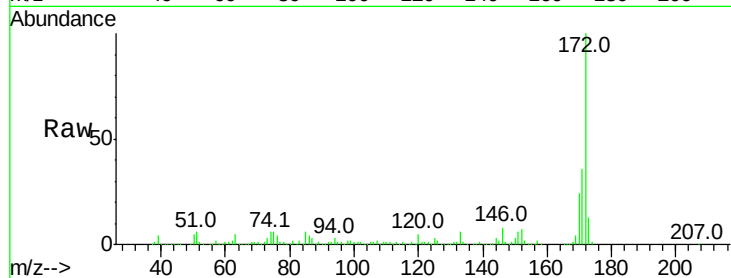




#44
2-Fluorobiphenyl
Concen: N.D. na
RT: 13.54 min Scan# 1743
Delta R.T. -0.02 min
Lab File: BM015887.D
Acq: 11 Jul 2018 14:01

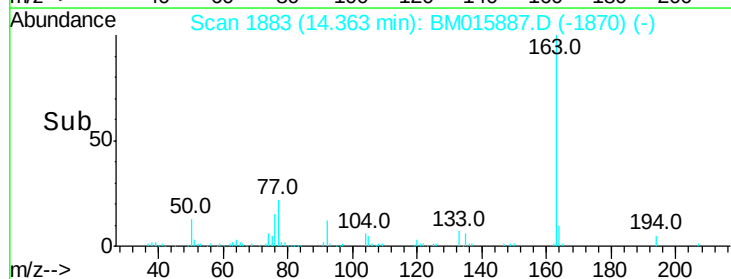
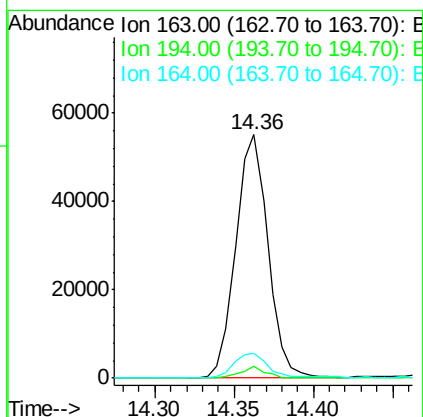
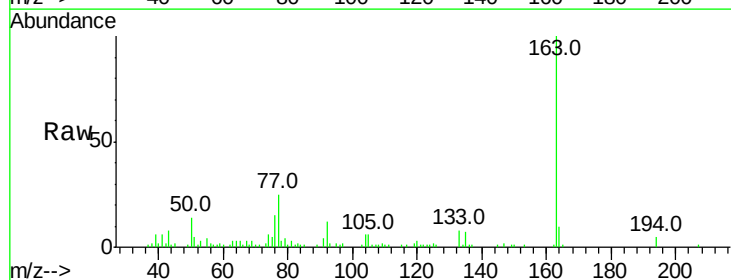
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ClientSampleId :
MW-2

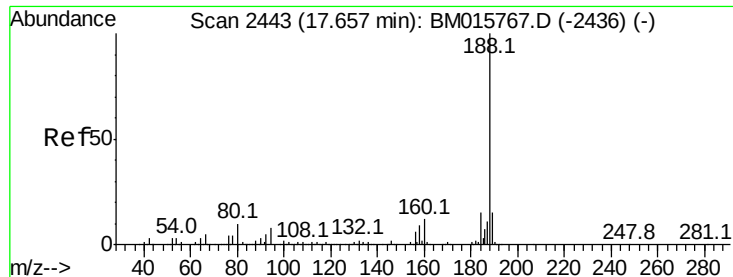
Tot Ion:172 Resp: 1315632
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.8 18.8 28.2



#49
Dimethylphthalate
Concen: 4.679 ng
RT: 14.36 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BM015887.D
Acq: 11 Jul 2018 14:01

Tgt Ion:163 Resp: 77725
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 10.0 8.2 12.2

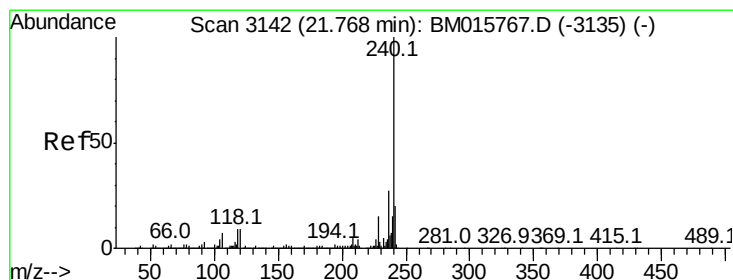
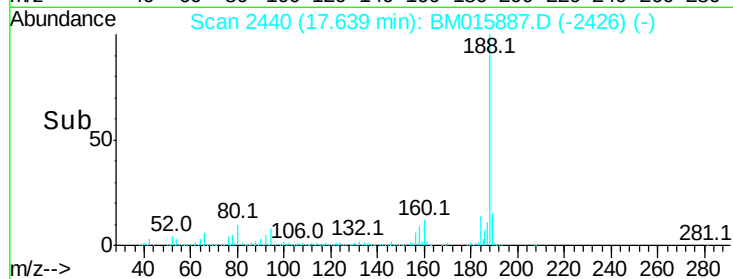
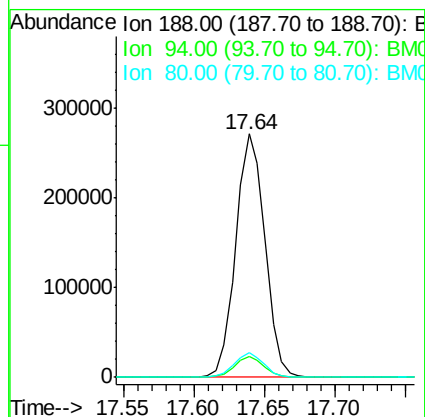
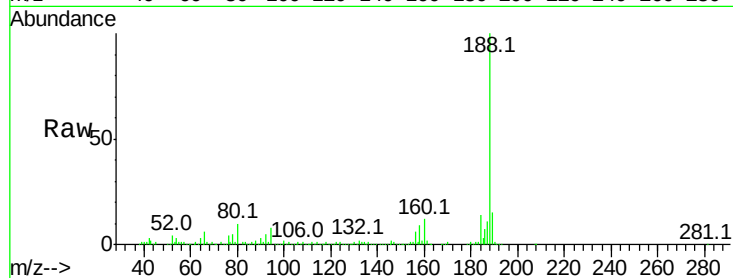




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BM015887.D
Acq: 11 Jul 2018 14:01

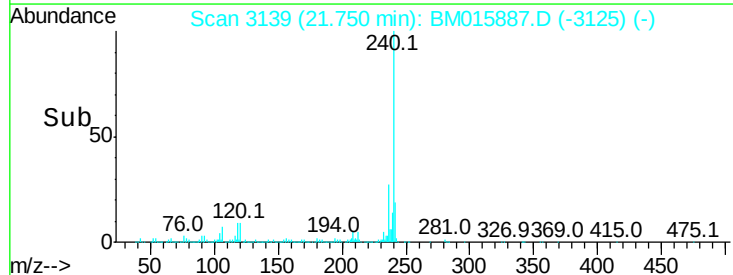
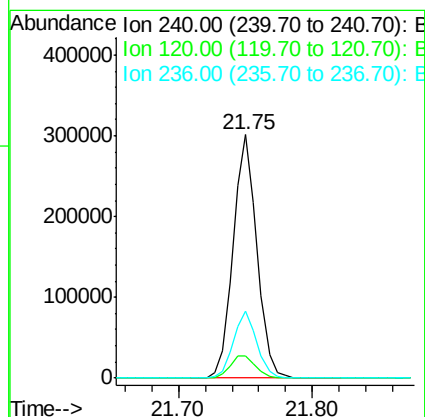
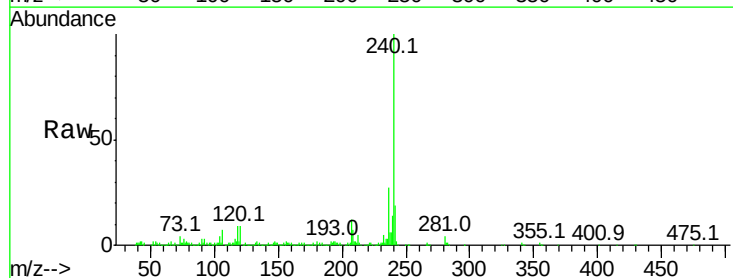
Instrument :
BNA_M
ClientSampled :
MW-2

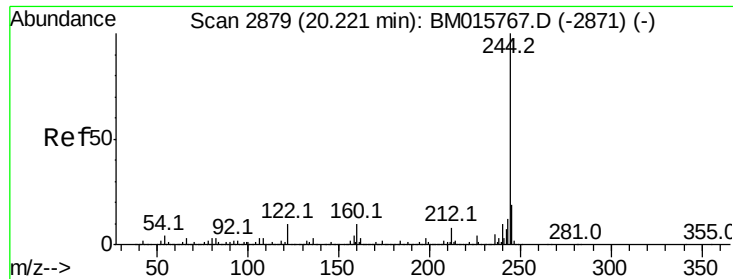
Tot Ion:188 Resp: 389965
Ion Ratio Lower Upper
188 100
94 8.3 8.7 13.1#
80 10.0 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BM015887.D
Acq: 11 Jul 2018 14:01

Tgt Ion:240 Resp: 376108
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 27.5 20.0 30.0

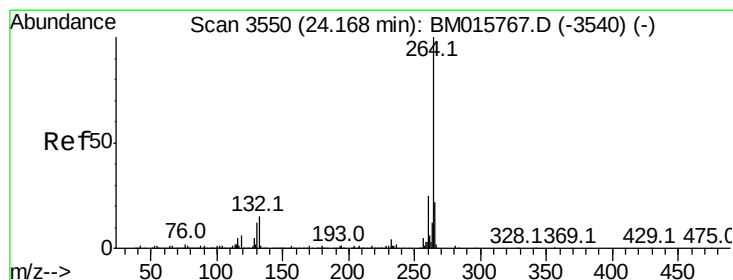
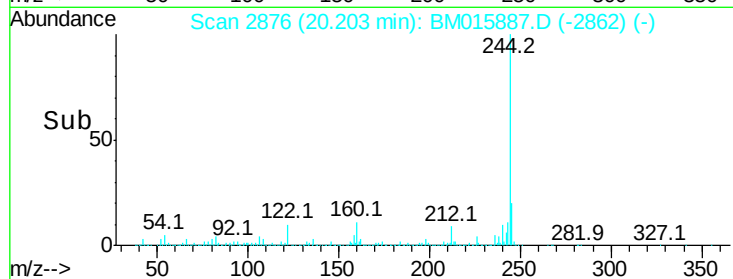
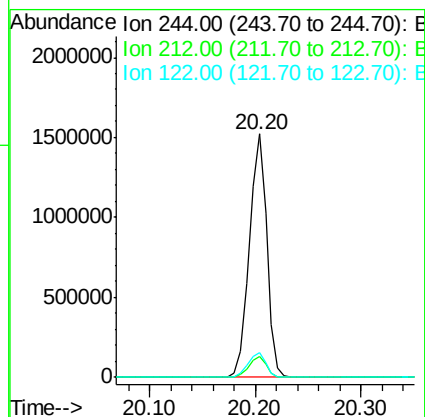
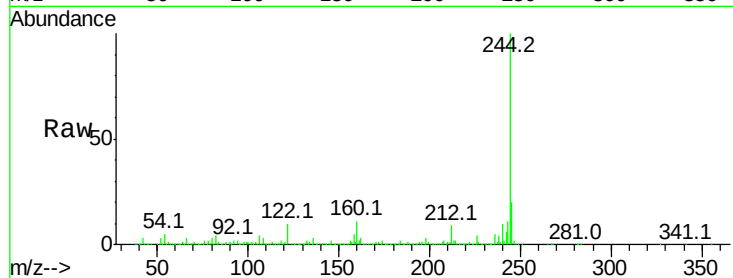




#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.20 min Scan# 2876
 Delta R.T. -0.02 min
 Lab File: BM015887.D
 Acq: 11 Jul 2018 14:01

Instrument :
 BNA_M
 ClientSampleId :
 MW-2

Tot Ion:244 Resp: 1751491
 Ion Ratio Lower Upper
 244 100
 212 8.5 4.9 7.3#
 122 10.0 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.14 min Scan# 3546
 Delta R.T. -0.02 min
 Lab File: BM015887.D
 Acq: 11 Jul 2018 14:01

Tgt Ion:264 Resp: 368805
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.6 27.8
 265 22.9 17.3 25.9

