

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
 Data File : BM018783.D
 Acq On : 12 Feb 2019 21:29
 Operator : JU/SJ
 Sample : K1460-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208

Quant Time: Feb 13 02:24:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

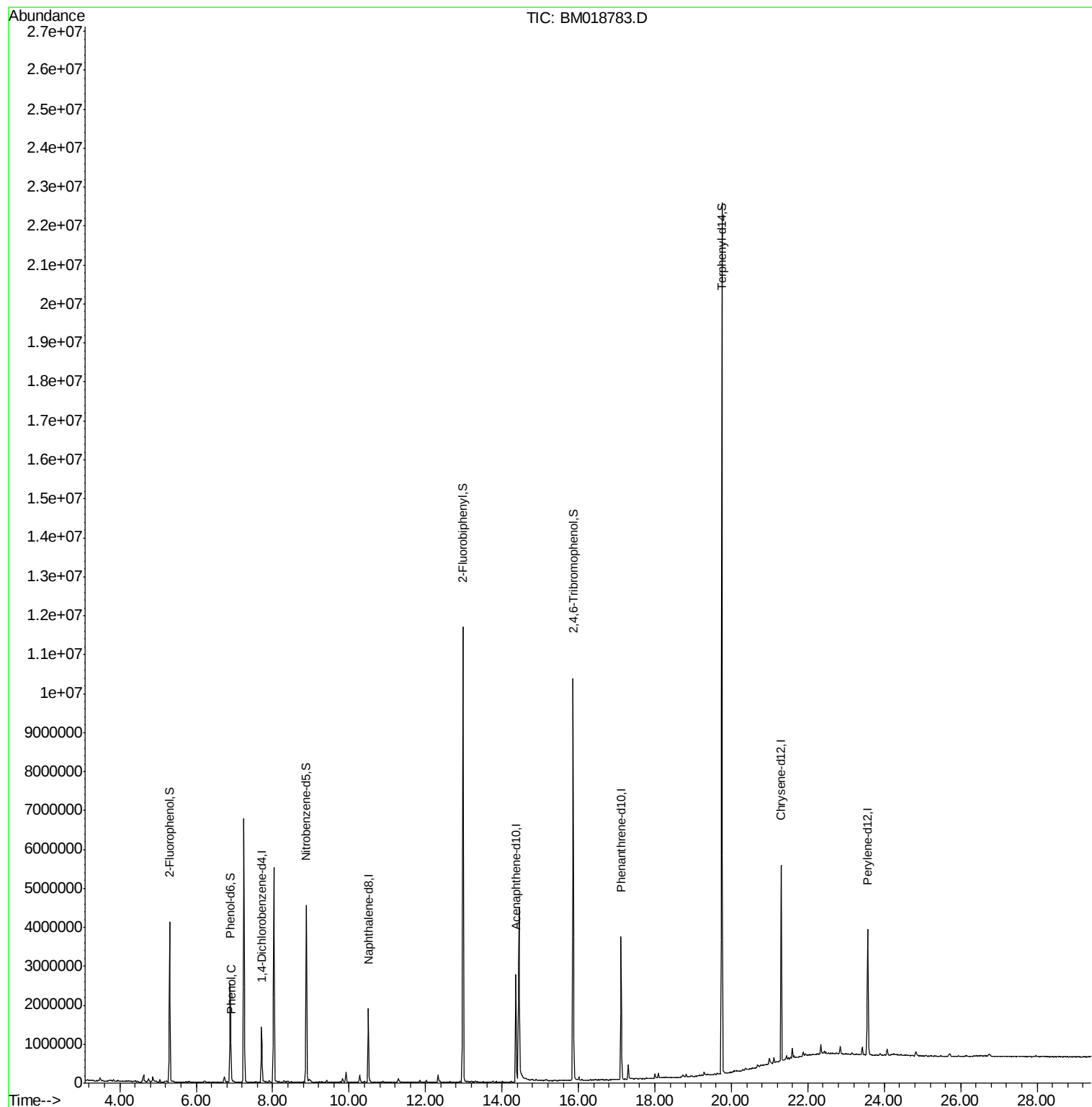
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	368398	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1518703	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	861644	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	2005664	20.00	ng	0.00
76) Chrysene-d12	21.31	240	2242283	20.00	ng	0.00
87) Perylene-d12	23.57	264	2192261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1621448	72.11	ng	0.00
7) Phenol-d6	6.89	99	1447859	45.71	ng	0.00
23) Nitrobenzene-d5	8.88	82	2961674	90.17	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1820971	146.61	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5754660	88.66	ng	0.00
79) Terphenyl-d14	19.75	244	9650761	88.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.87	77	20201	Below Cal		Qvalue 90
10) Phenol	6.92	94	172663	5.181 ng		97

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

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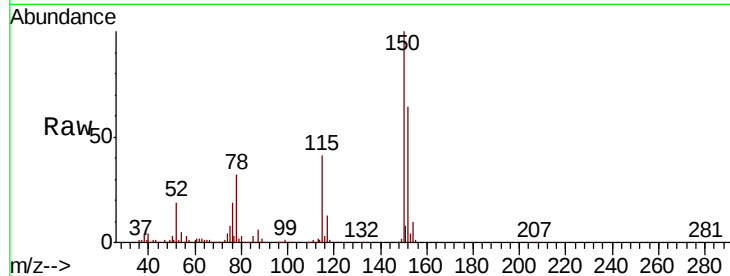


#1

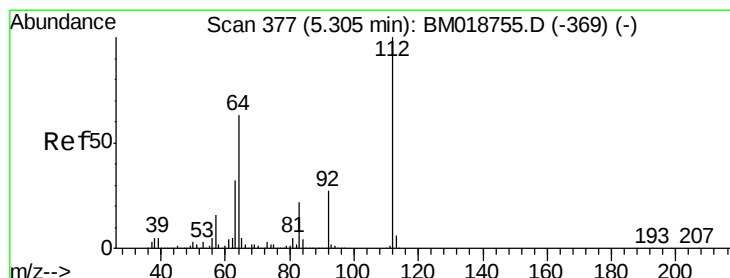
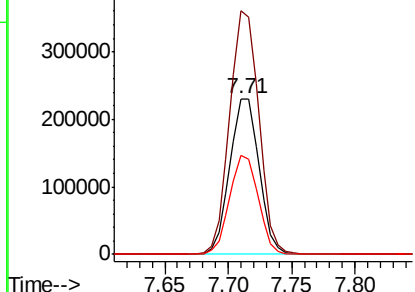
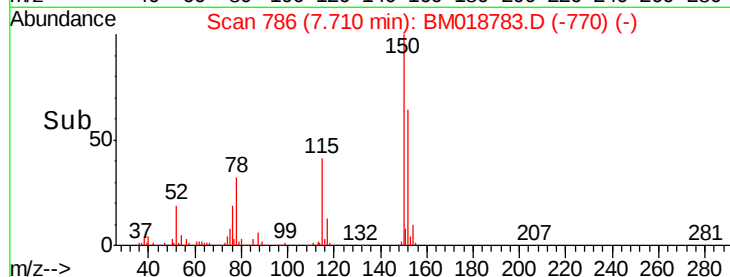
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018783.D
Acq: 12 Feb 2019 21:29

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208

Tgt Ion:152 Resp: 368398
Ion Ratio Lower Upper
152 100
150 156.2 127.3 190.9
115 63.4 50.8 76.2



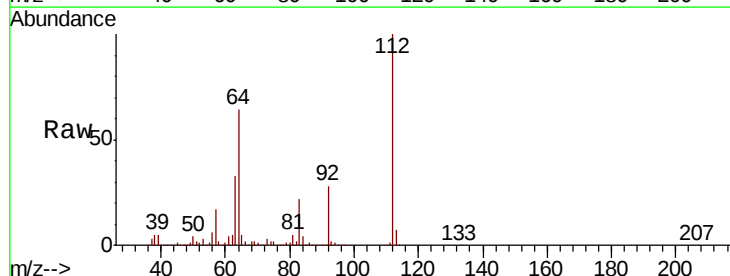
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



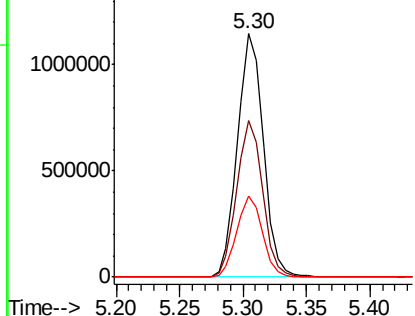
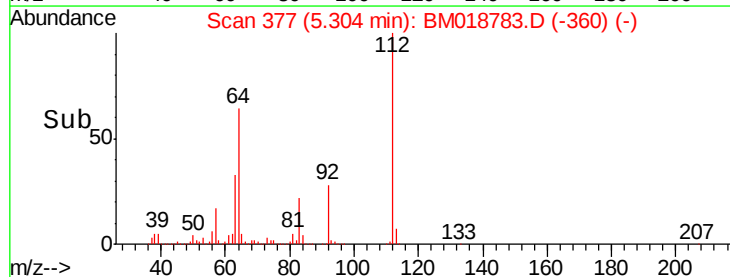
#5

2-Fluorophenol
Concen: 72.115 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018783.D
Acq: 12 Feb 2019 21:29

Tgt Ion:112 Resp: 1621448
Ion Ratio Lower Upper
112 100
64 64.4 50.6 75.8
63 33.3 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 45.710 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018783.D

Acq: 12 Feb 2019 21:29

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208

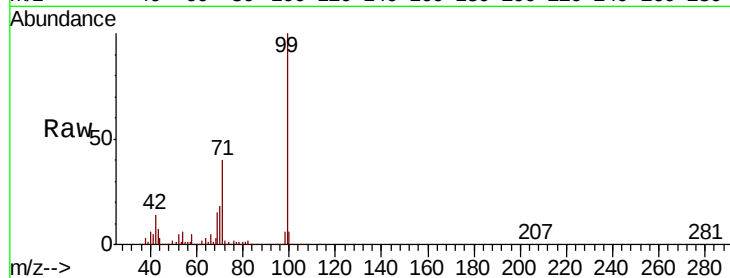
Tgt Ion: 99 Resp: 1447859

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 39.5 31.3 46.9

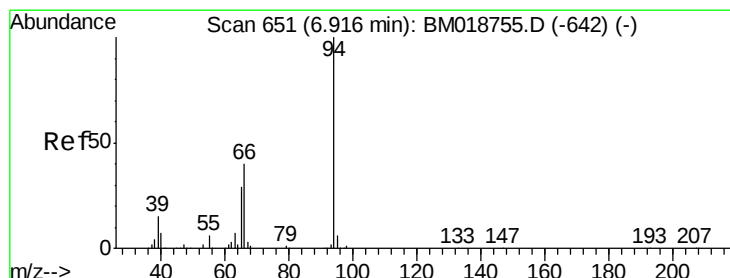
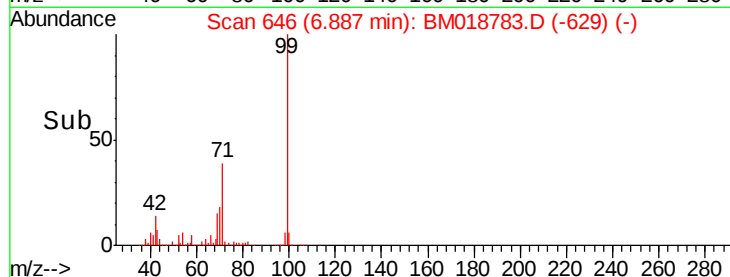
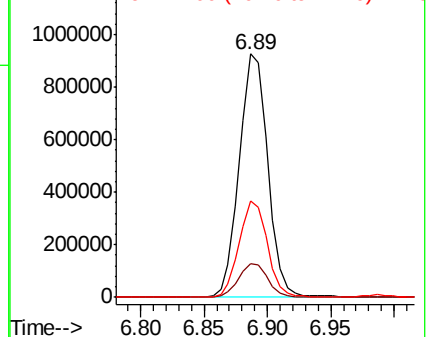


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 5.181 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM018783.D

Acq: 12 Feb 2019 21:29

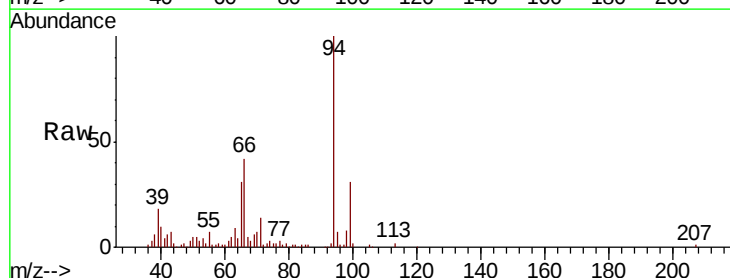
Tgt Ion: 94 Resp: 172663

Ion Ratio Lower Upper

94 100

65 30.9 9.6 49.6

66 42.2 20.4 60.4

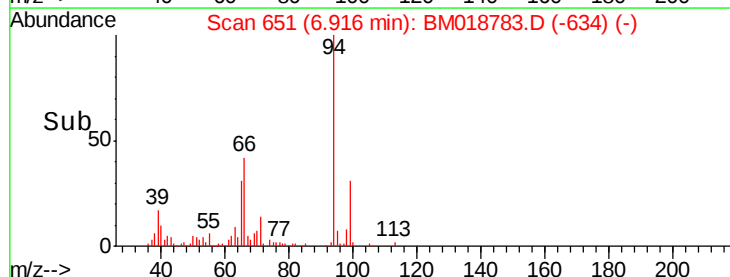
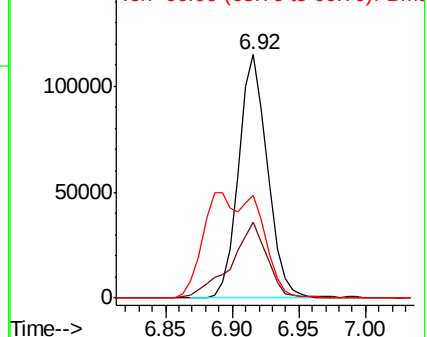


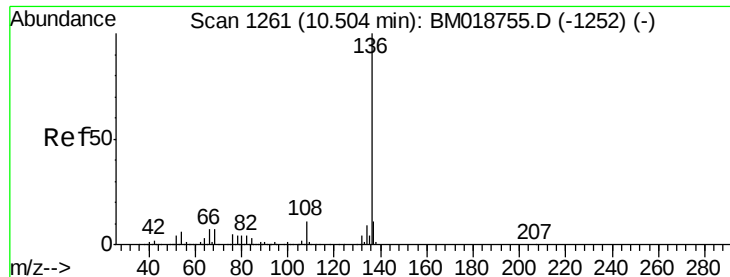
Abundance

Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

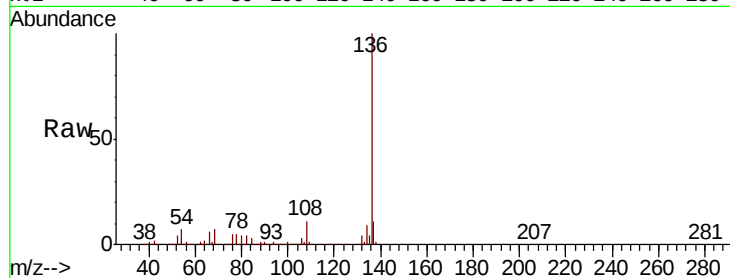




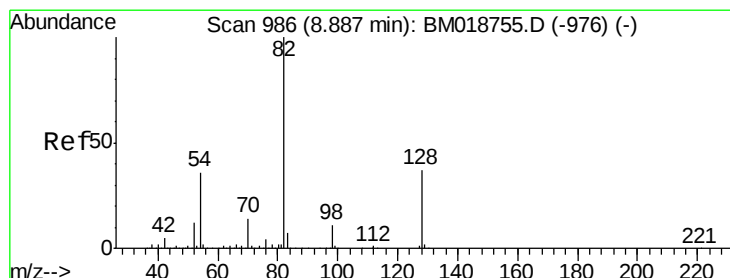
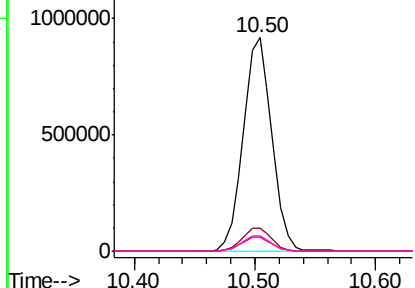
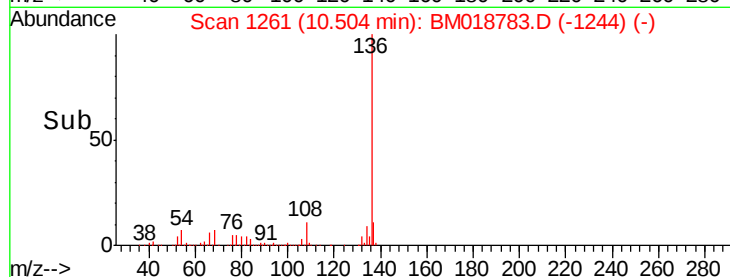
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM018783.D
Acq: 12 Feb 2019 21:29

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208

Tgt Ion:	136	Resp:	1518703
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	5.0	7.6
68	7.4	5.5	8.3

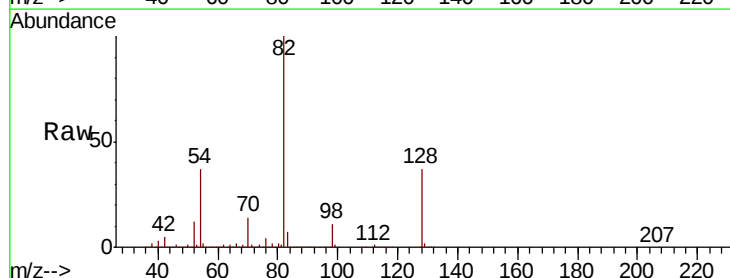


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

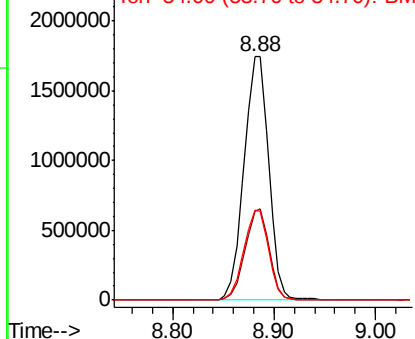
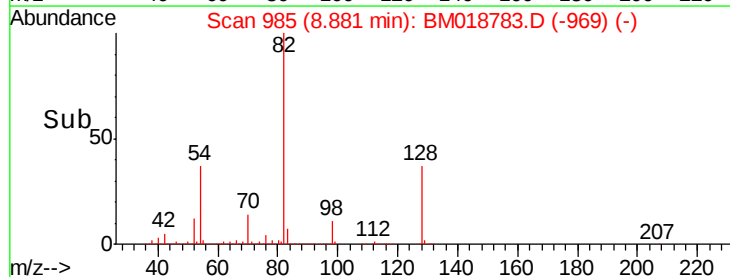


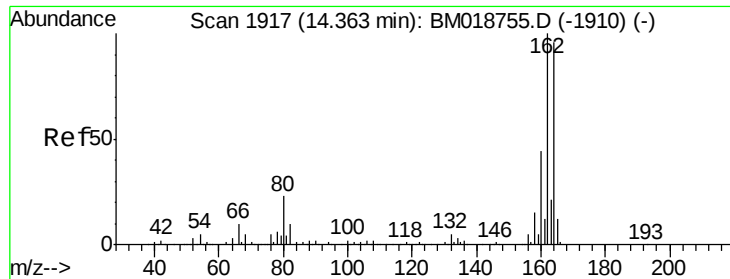
#23
Nitrobenzene-d5
Concen: 90.172 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018783.D
Acq: 12 Feb 2019 21:29

Tgt Ion:	82	Resp:	2961674
Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.9	44.9
54	37.1	29.1	43.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018783.D

Acq: 12 Feb 2019 21:29

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208

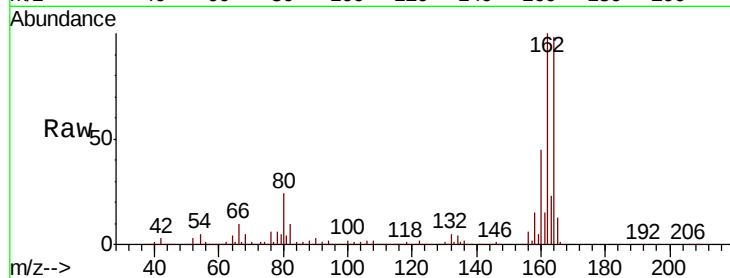
Tgt Ion:164 Resp: 861644

Ion Ratio Lower Upper

164 100

162 102.3 83.4 125.0

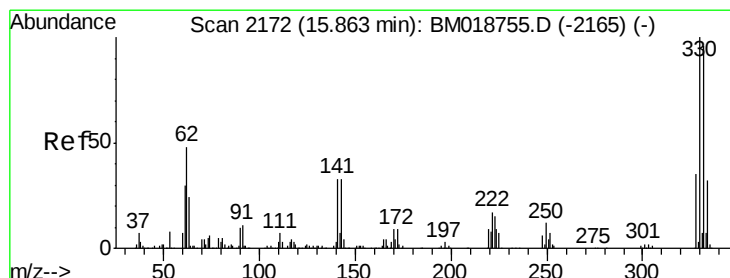
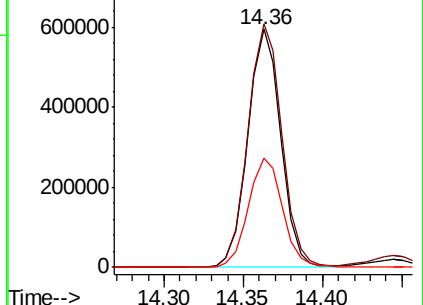
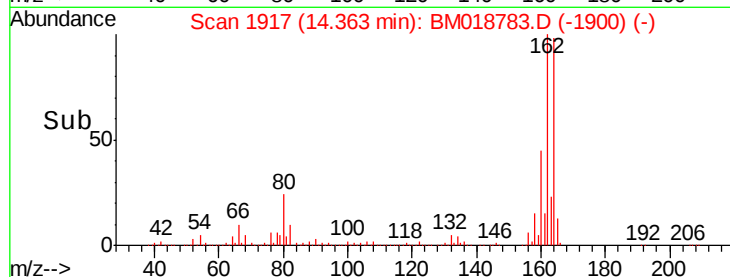
160 45.8 36.6 55.0



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



#42

2,4,6-Tribromophenol

Concen: 146.612 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018783.D

Acq: 12 Feb 2019 21:29

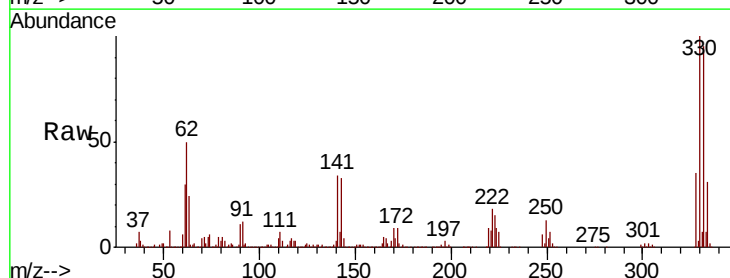
Tgt Ion:330 Resp: 1820971

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

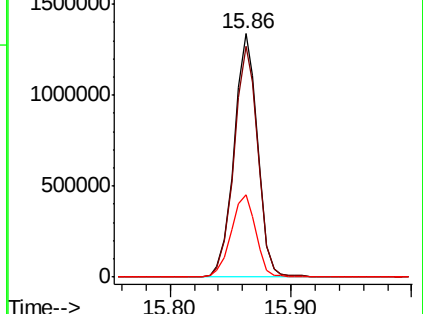
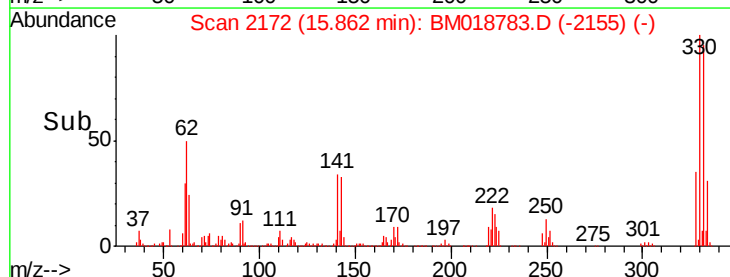
141 35.4 28.7 43.1



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

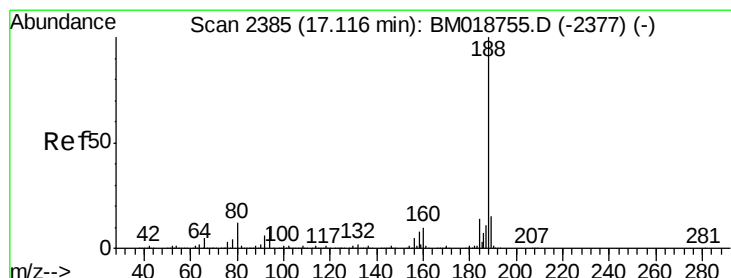
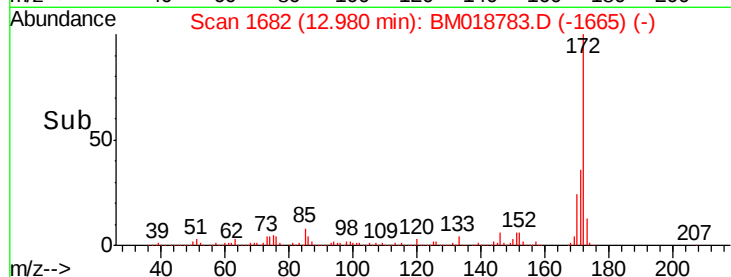
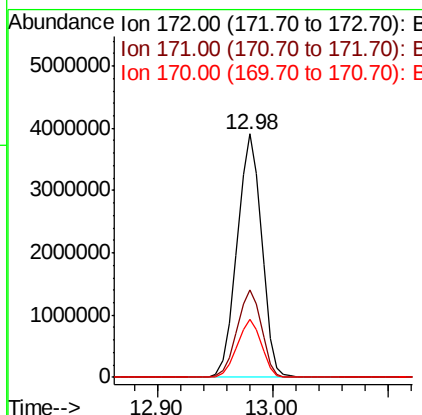
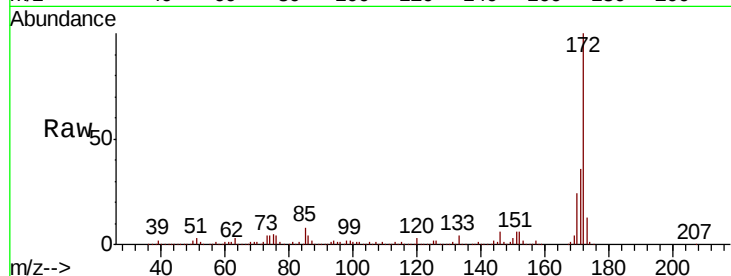




#45
2-Fluorobiphenyl
Concen: 88.658 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018783.D
Acq: 12 Feb 2019 21:29

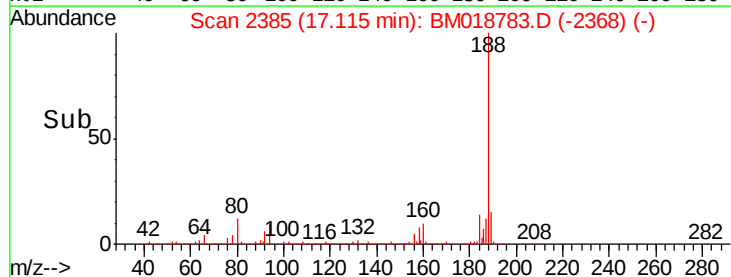
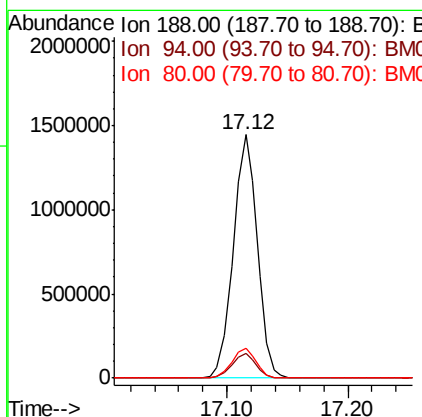
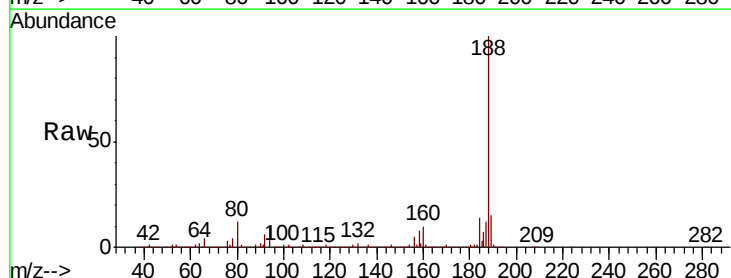
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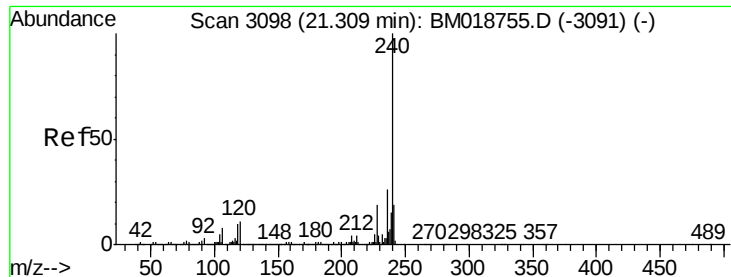
Tgt Ion:172 Resp: 5754660
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.9 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018783.D
Acq: 12 Feb 2019 21:29

Tgt Ion:188 Resp: 2005664
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.3 9.7 14.5

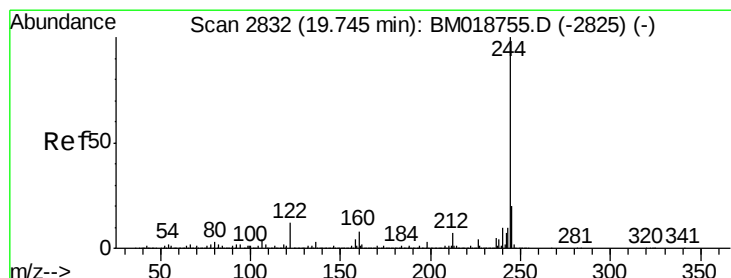
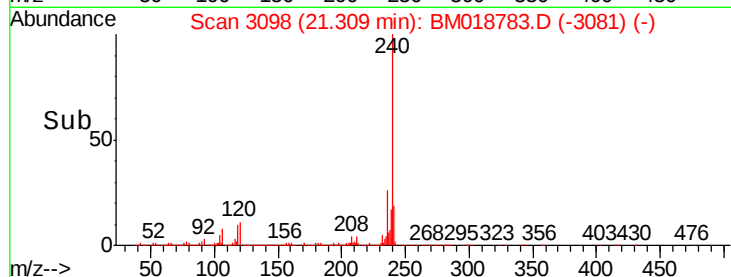
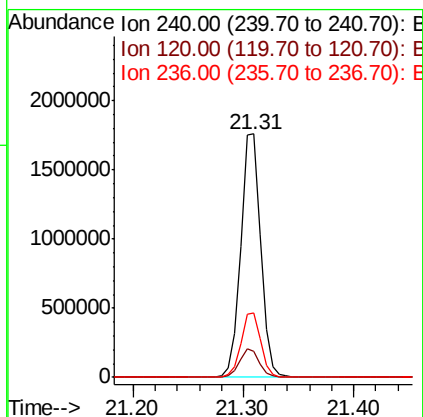
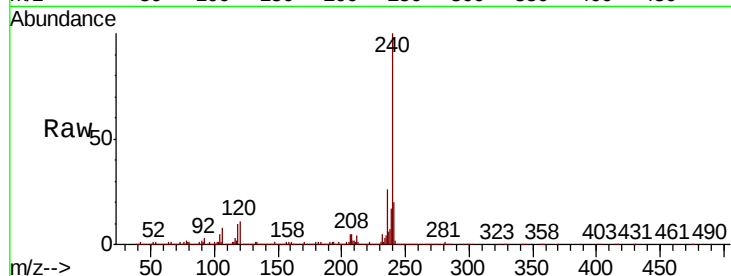




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM018783.D
Acq: 12 Feb 2019 21:29

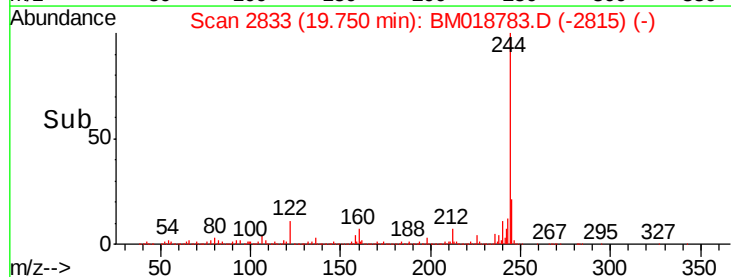
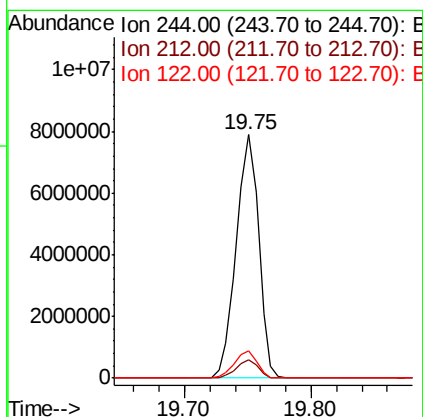
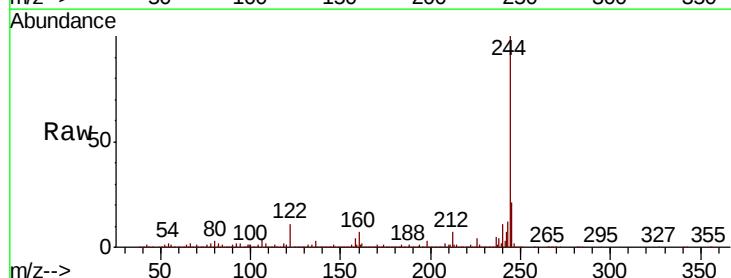
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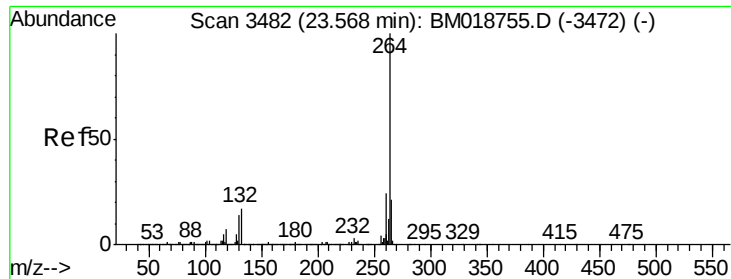
Tgt Ion:240 Resp: 2242283
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.2 20.9 31.3



#79
Terphenyl-d14
Concen: 88.787 ng
RT: 19.75 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BM018783.D
Acq: 12 Feb 2019 21:29

Tgt Ion:244 Resp: 9650761
Ion Ratio Lower Upper
244 100
212 7.4 5.6 8.4
122 11.4 9.3 13.9



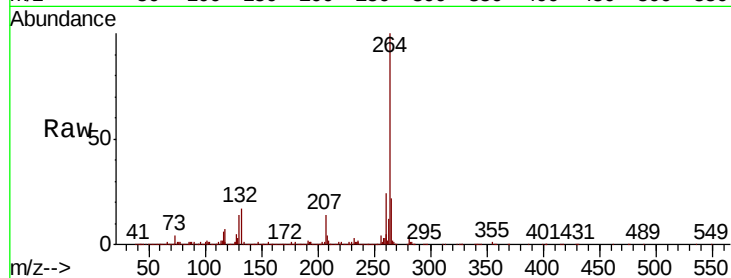


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BM018783.D
Acq: 12 Feb 2019 21:29

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 264 Resp: 2192261

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.2	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

