

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
 Data File : BM018763.D
 Acq On : 11 Feb 2019 18:29
 Operator : JU/SJ
 Sample : K1404-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-02-06-19

Quant Time: Feb 12 07:35:41 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	7.72	152	286877	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1105818	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	634051	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1520831	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1735213	20.00	ng	0.00
87) Perylene-d12	23.57	264	1764607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	944873	53.97	ng	0.00
7) Phenol-d6	6.89	99	738125	29.93	ng	0.00
23) Nitrobenzene-d5	8.88	82	2289071	95.72	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1353774	148.12	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4563364	95.54	ng	0.00
79) Terphenyl-d14	19.75	244	8427213	100.19	ng	0.00

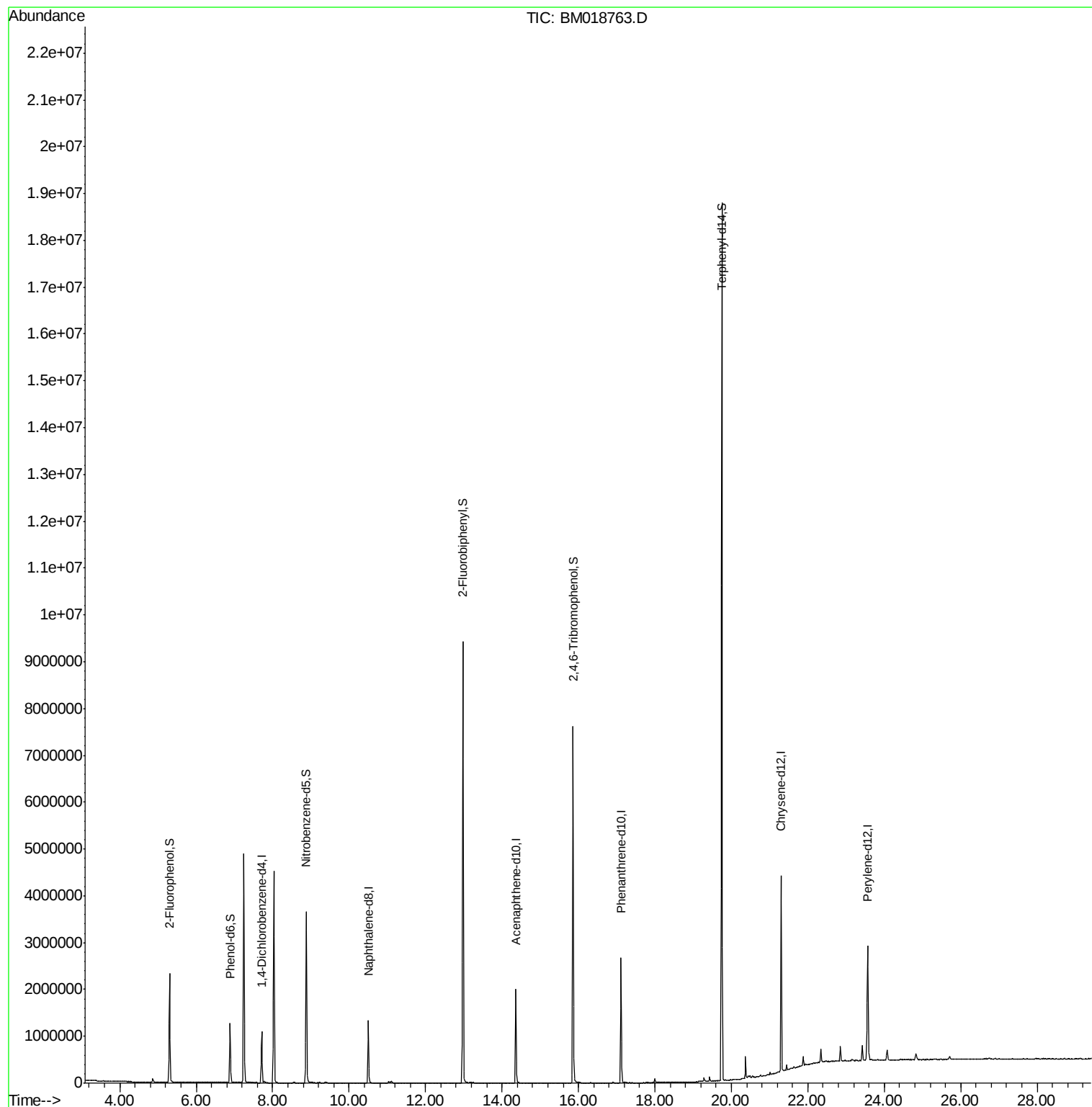
Target Compounds Qvalue

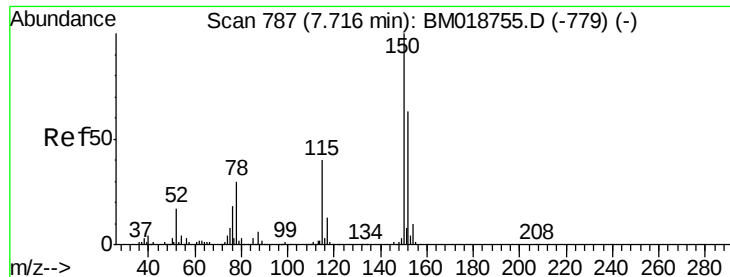
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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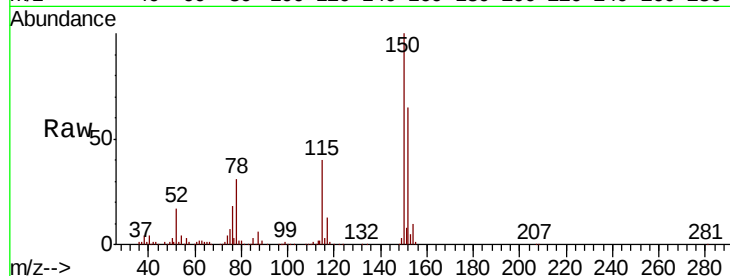


#1

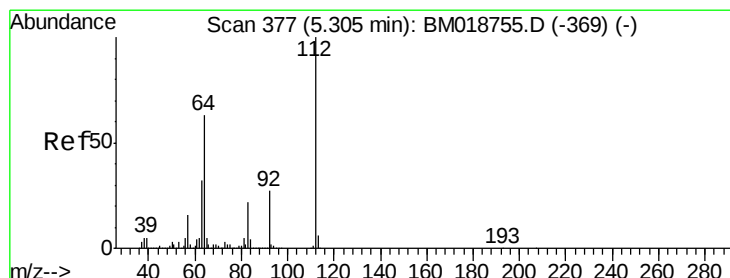
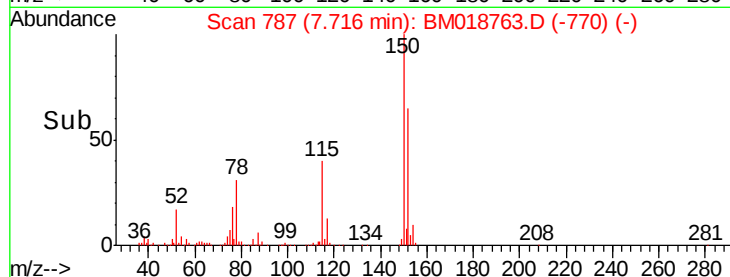
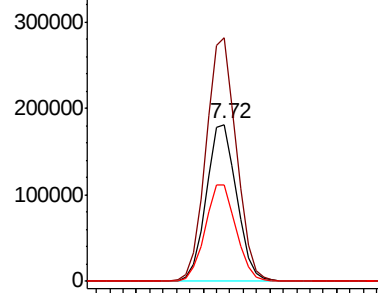
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018763.D
Acq: 11 Feb 2019 18:29

Instrument :
BNA_M
ClientSampleId :
FB-02-06-19

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.3	190.9
115	61.5	50.8	76.2



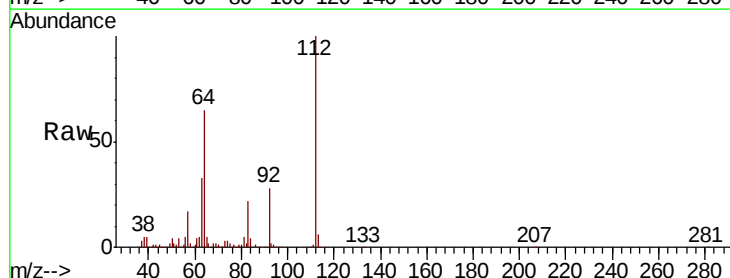
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



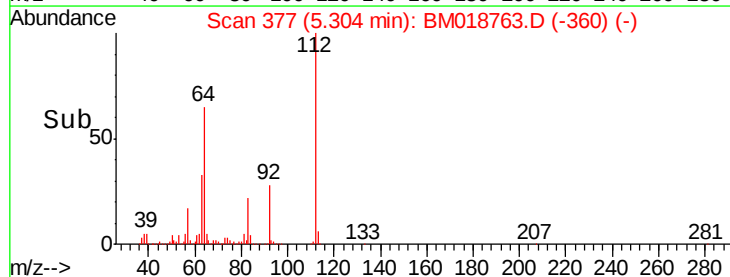
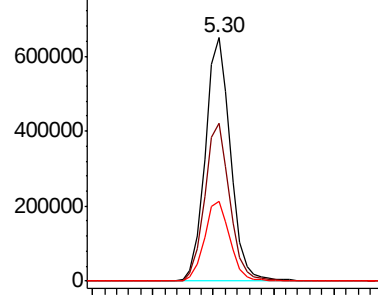
#5

2-Fluorophenol
Concen: 53.966 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018763.D
Acq: 11 Feb 2019 18:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	50.6	75.8
63	32.7	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: 29.925 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

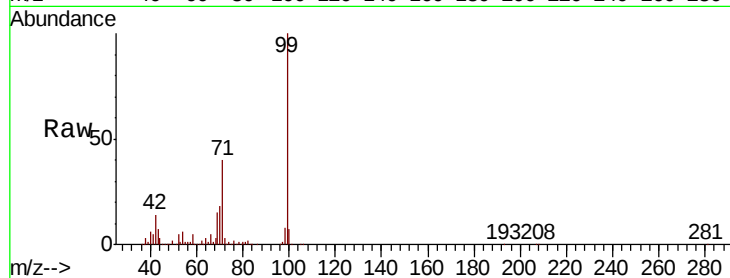
Tot Ion: 99 Resp: 738125

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 40.2 31.3 46.9

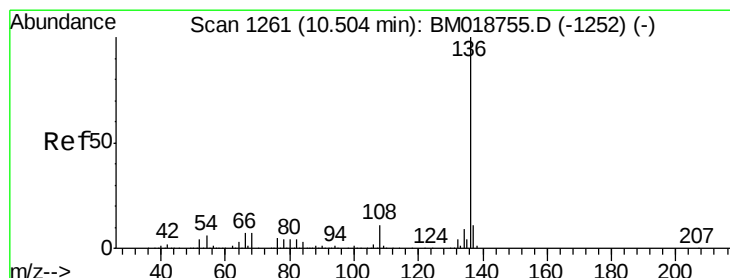
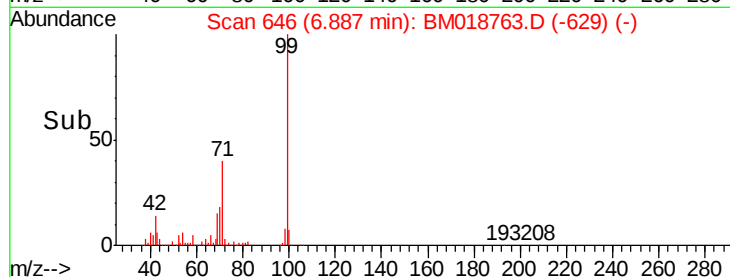
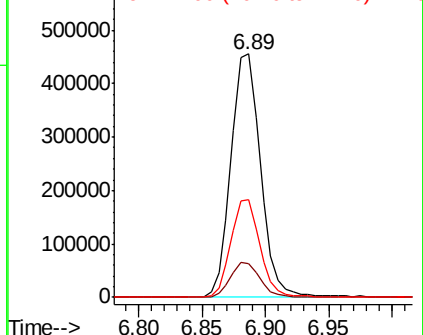


Abundance

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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Tgt Ion: 136 Resp: 1105818

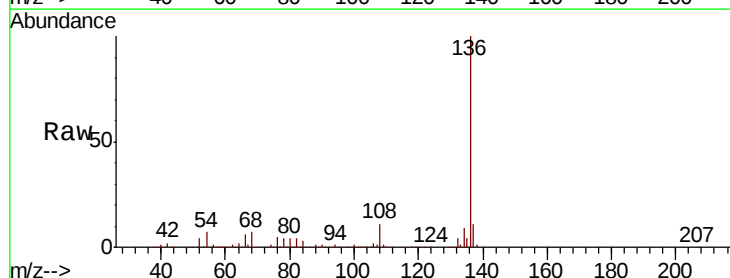
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 5.0 7.6

68 6.9 5.5 8.3



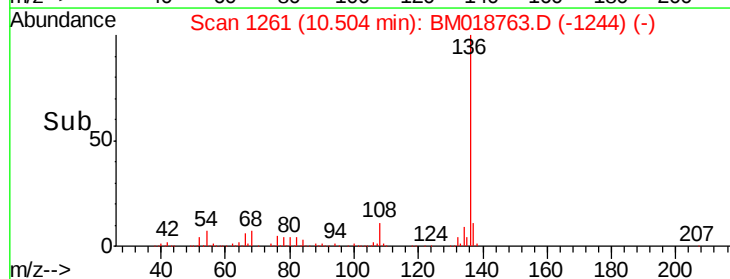
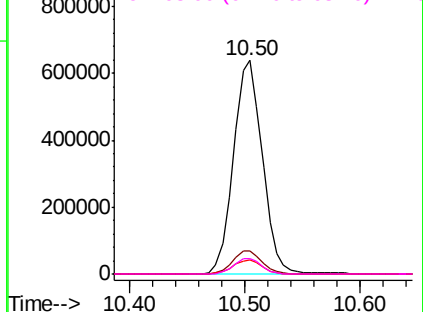
Abundance

Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

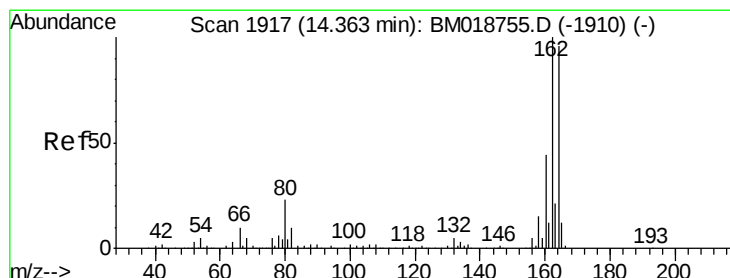
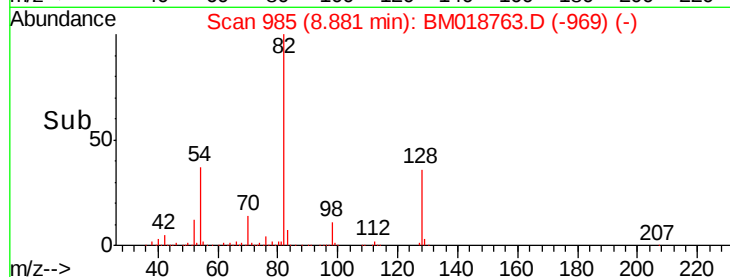
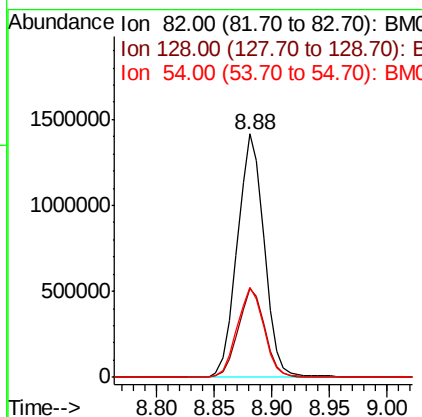
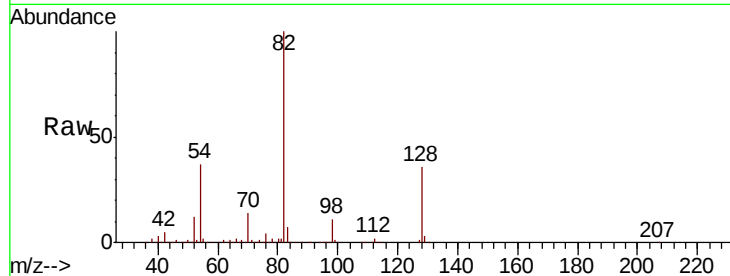




#23
 Nitrobenzene-d5
 Concen: 95.715 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018763.D
 Acq: 11 Feb 2019 18:29

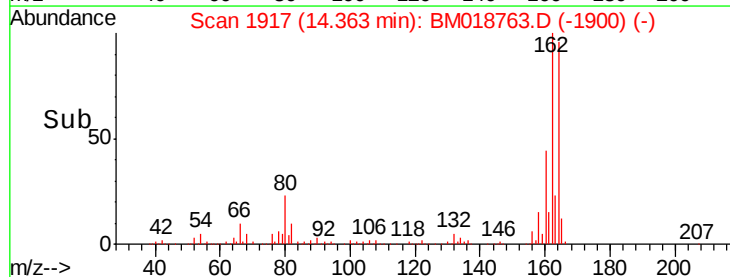
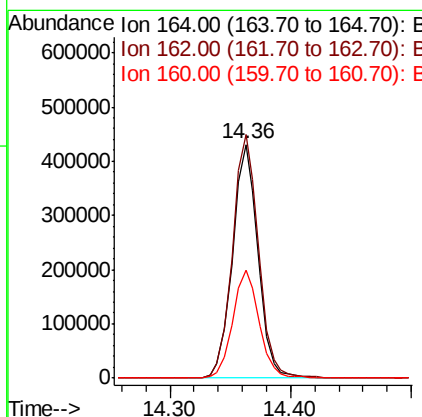
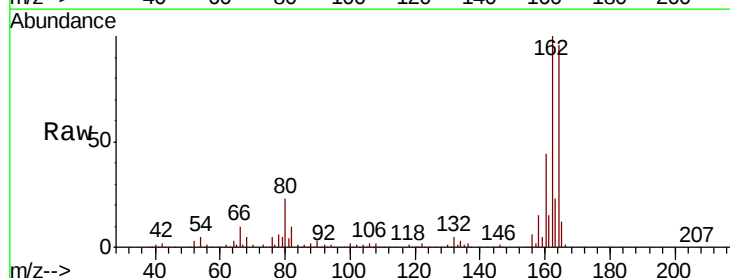
Instrument :
 BNA_M
 ClientSampleId :
 FB-02-06-19

Tot Ion	82	Resp	2289071
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.9	44.9
54	36.7	29.1	43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM018763.D
 Acq: 11 Feb 2019 18:29

Tgt Ion	164	Resp	634051
Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.4	125.0
160	46.0	36.6	55.0

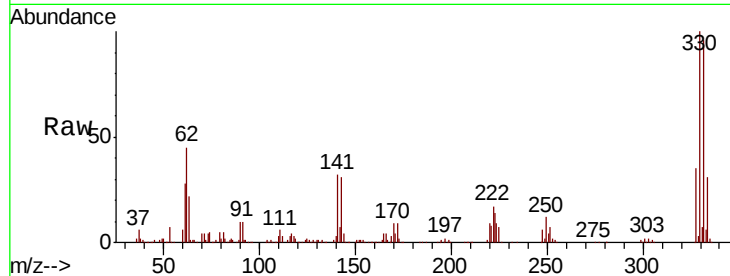




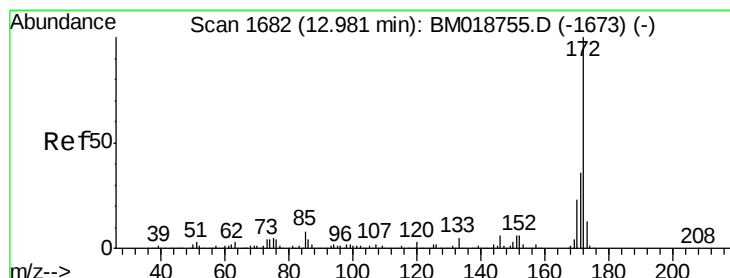
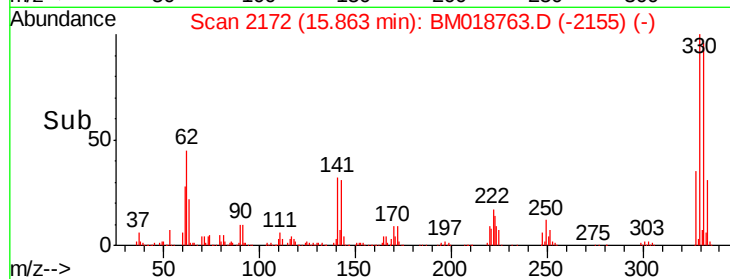
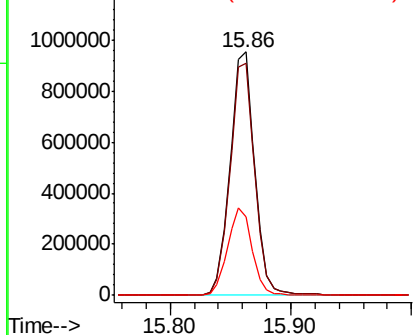
#42
 2,4,6-Tribromophenol
 Concen: 148.121 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BM018763.D
 Acq: 11 Feb 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :
 FB-02-06-19

Tot Ion:330 Resp: 1353774
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 35.8 28.7 43.1

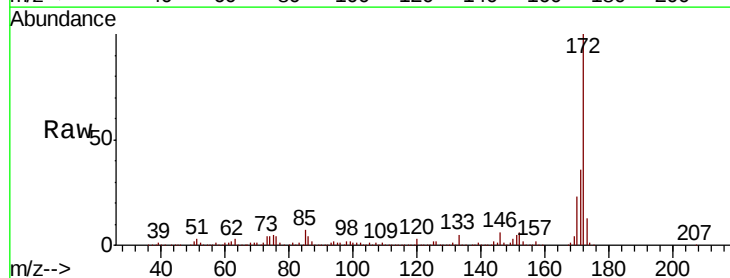


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

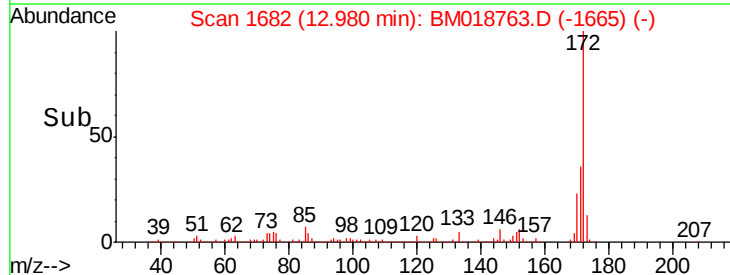
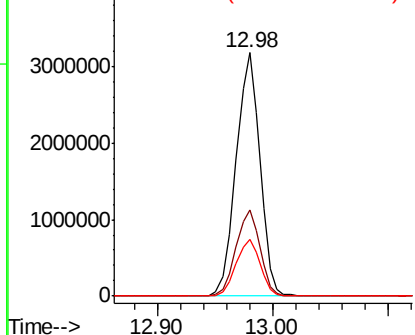


#45
 2-Fluorobiphenyl
 Concen: 95.540 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM018763.D
 Acq: 11 Feb 2019 18:29

Tgt Ion:172 Resp: 4563364
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 23.4 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

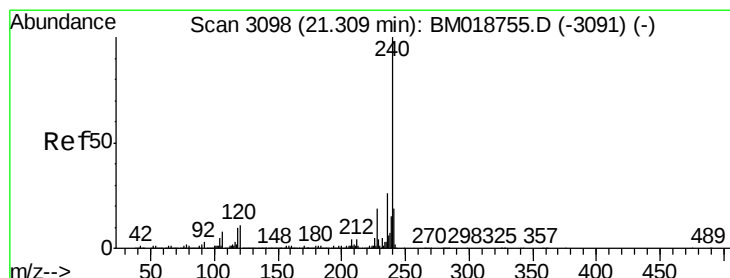
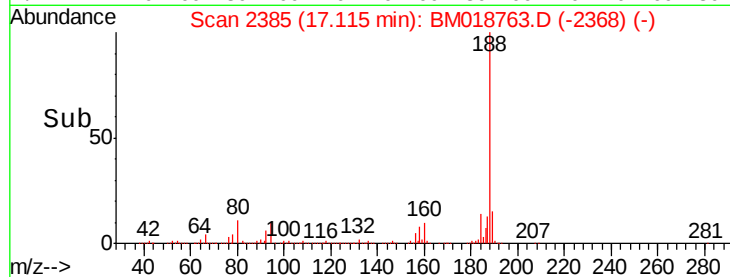
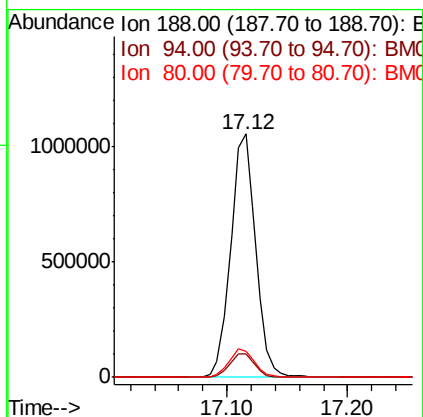
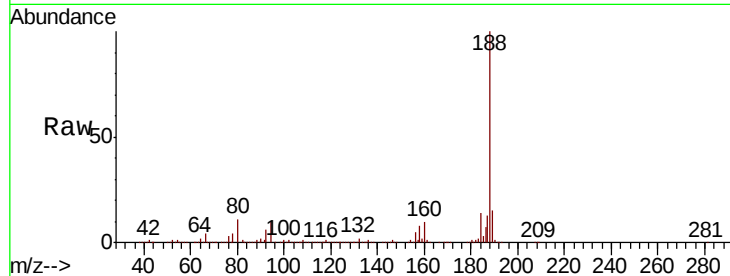




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018763.D
Acq: 11 Feb 2019 18:29

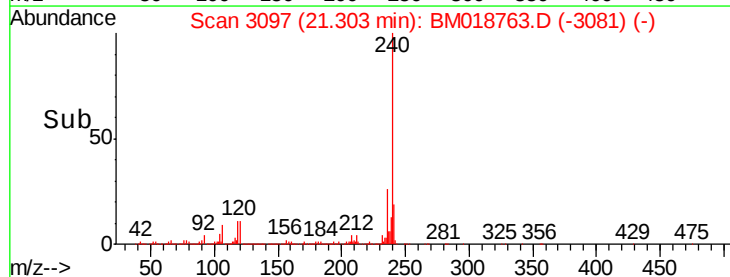
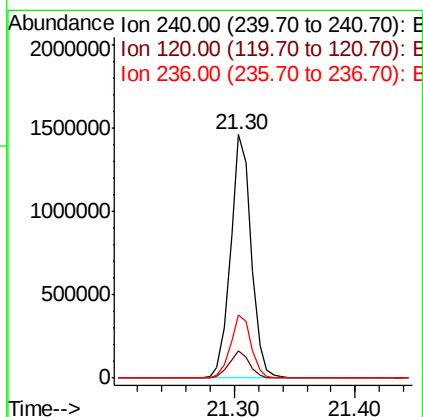
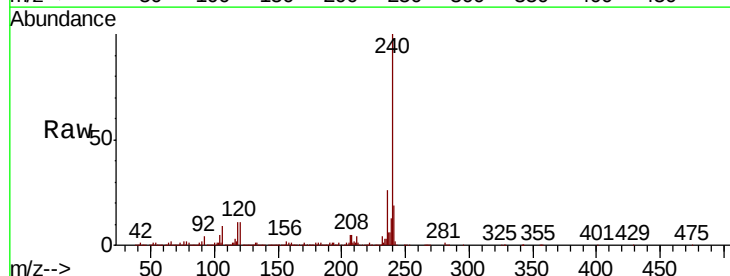
Instrument :
BNA_M
ClientSampled :
FB-02-06-19

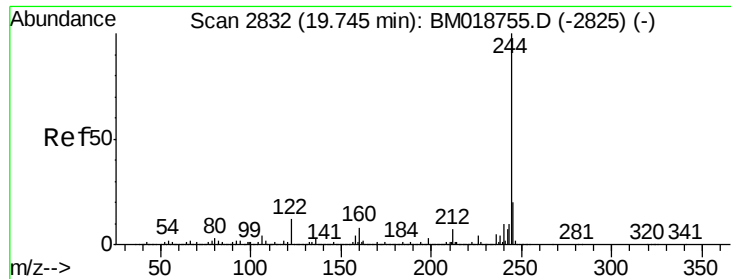
Tot Ion:188 Resp: 1520831
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 10.9 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018763.D
Acq: 11 Feb 2019 18:29

Tgt Ion:240 Resp: 1735213
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.8 20.9 31.3

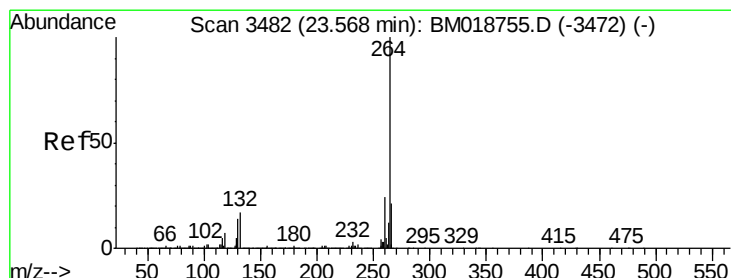
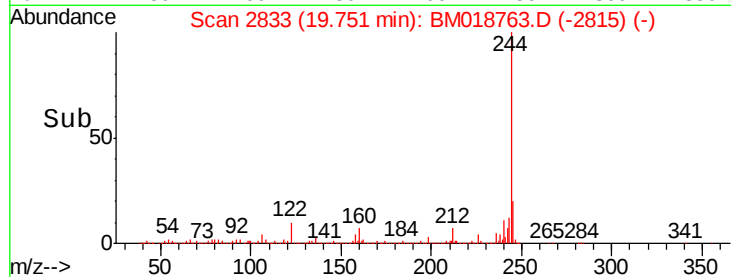
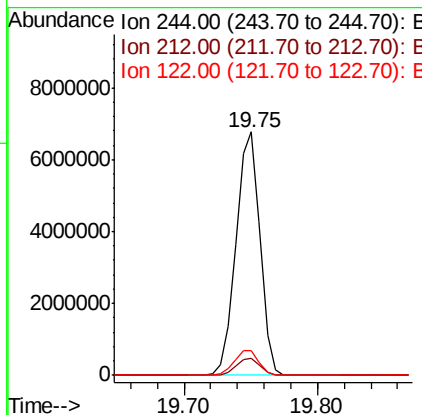
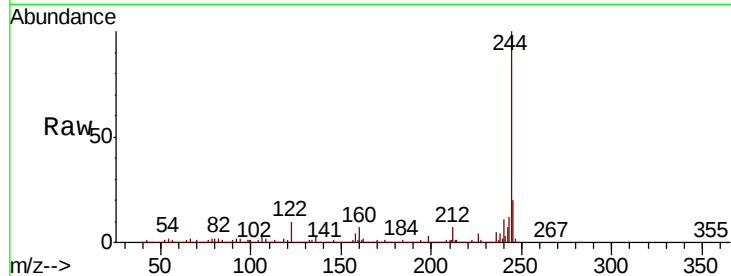




#79
 Terphenyl-d14
 Concen: 100.186 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.01 min
 Lab File: BM018763.D
 Acq: 11 Feb 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :
 FB-02-06-19

Tot Ion:244 Resp: 8427213
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.3 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: BM018763.D
 Acq: 11 Feb 2019 18:29

Tgt Ion:264 Resp: 1764607
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.9 17.3 25.9

