

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
 Data File : BM018794.D
 Acq On : 13 Feb 2019 04:16
 Operator : JU/SJ
 Sample : K1462-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2-D

Quant Time: Feb 13 06:28:12 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

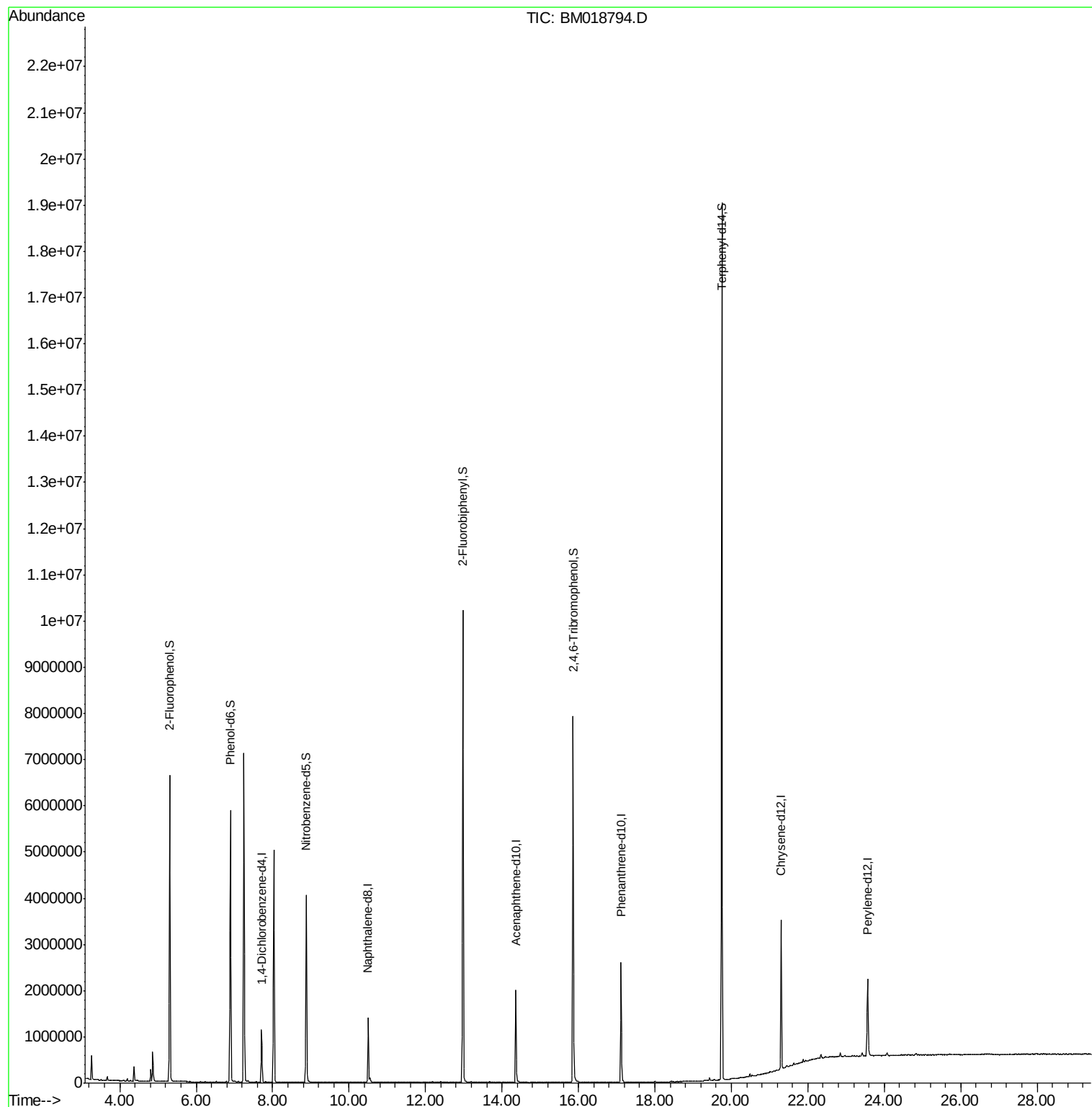
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	292689	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1146538	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	636582	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1465288	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1392552	20.00	ng	0.00
87) Perylene-d12	23.57	264	1198405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2639107	147.74	ng	0.00
7) Phenol-d6	6.89	99	3259158	129.51	ng	0.00
23) Nitrobenzene-d5	8.88	82	2606032	105.10	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1447434	157.74	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4975885	103.76	ng	0.00
79) Terphenyl-d14	19.75	244	8228629	121.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	8219	Below Cal	Qvalue #	11

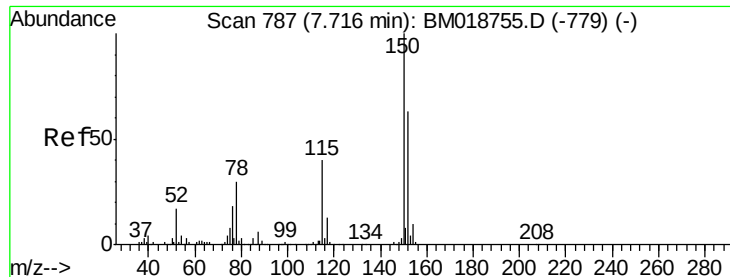
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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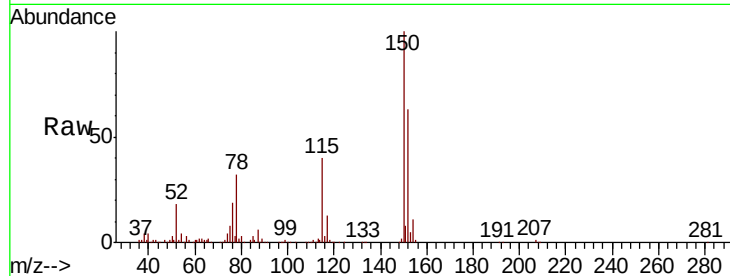


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BM018794.D
 Acq: 13 Feb 2019 04:16

Instrument :
 BNA_M
 ClientSampleId :
 TP-2-D

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	127.3	190.9
115	63.4	50.8	76.2

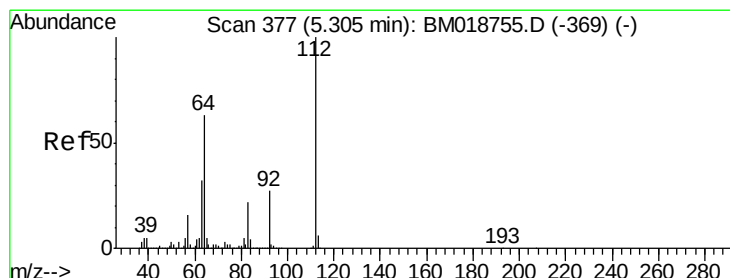
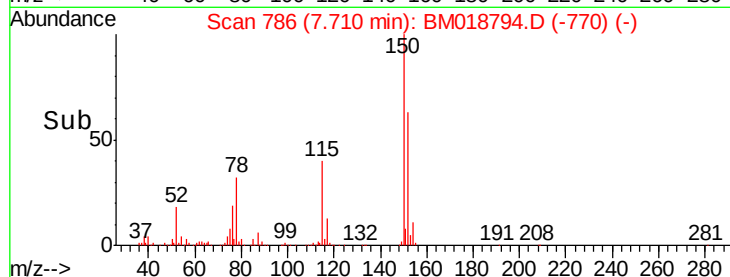
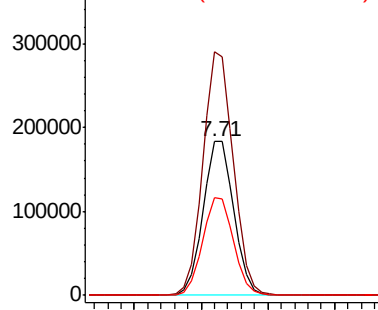


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

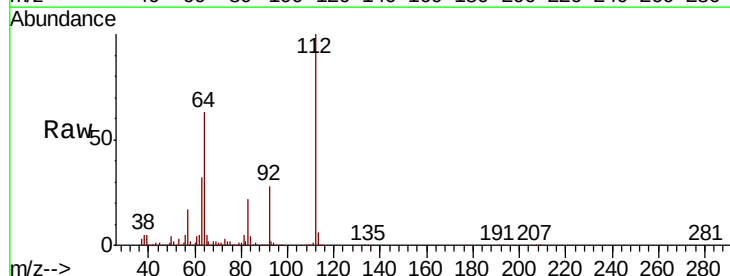
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 147.737 ng
 RT: 5.31 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: BM018794.D
 Acq: 13 Feb 2019 04:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	50.6	75.8
63	32.0	25.7	38.5

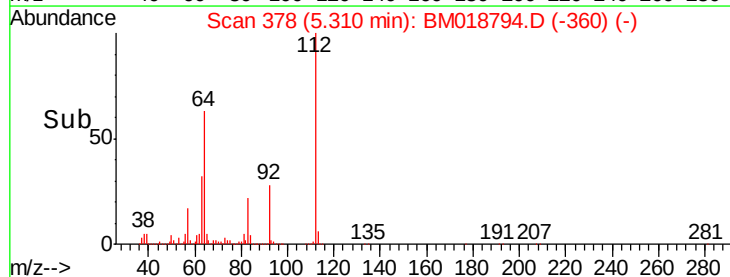
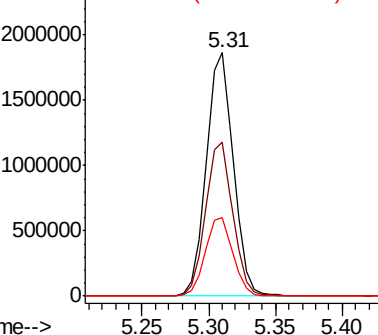


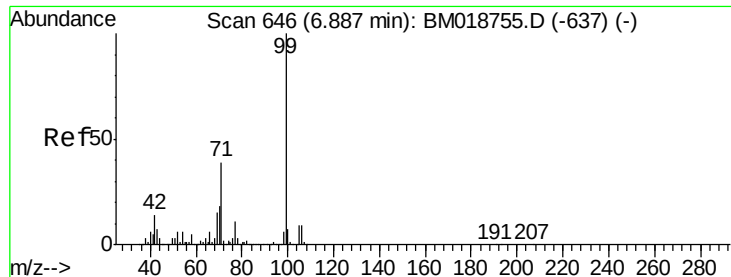
Abundance

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: 129.510 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018794.D

Acq: 13 Feb 2019 04:16

Instrument :

BNA_M

ClientSampled :

TP-2-D

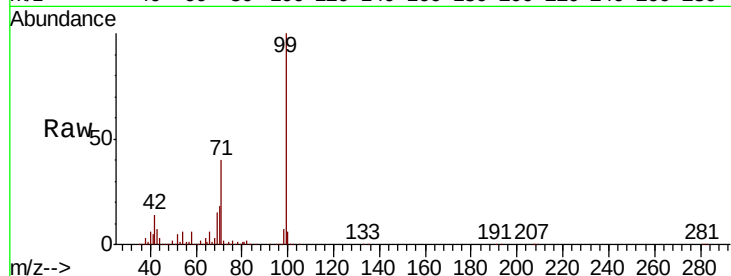
Tgt Ion: 99 Resp: 3259158

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

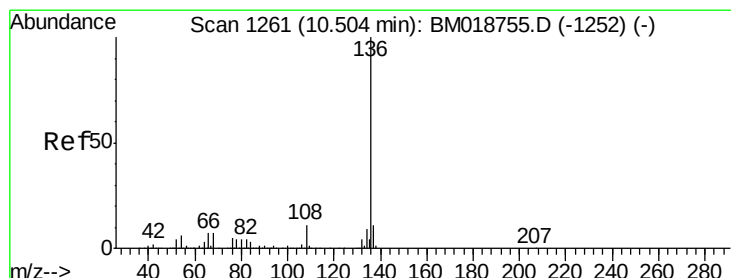
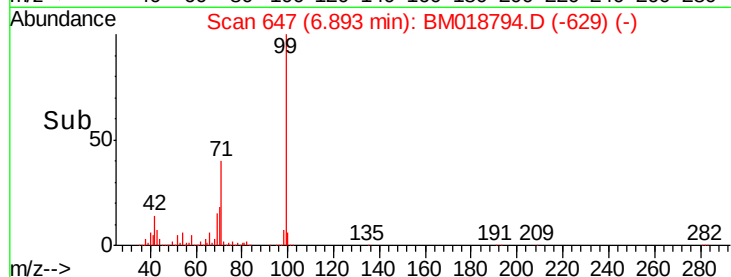
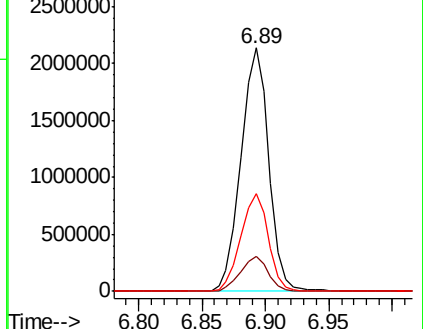
71 39.9 31.3 46.9



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# 1260

Delta R.T. -0.01 min

Lab File: BM018794.D

Acq: 13 Feb 2019 04:16

Tgt Ion: 136 Resp: 1146538

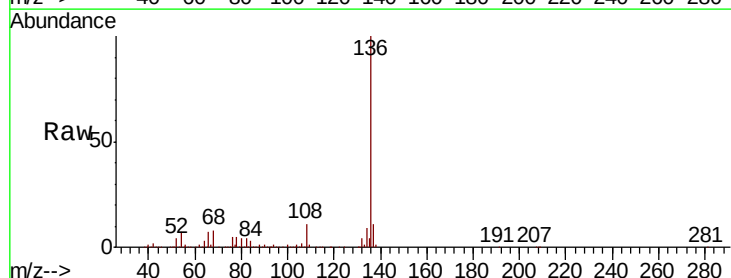
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.1 5.0 7.6

68 7.5 5.5 8.3

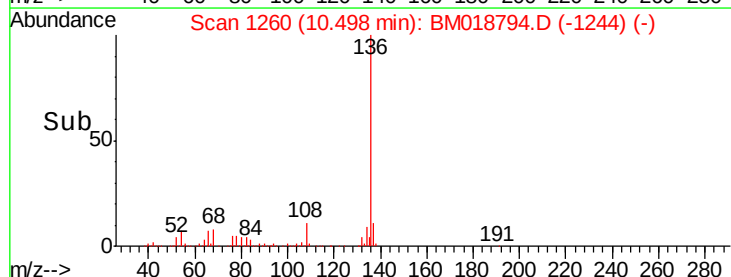
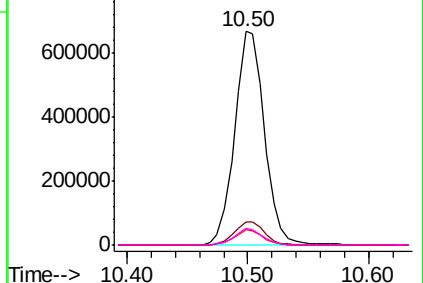


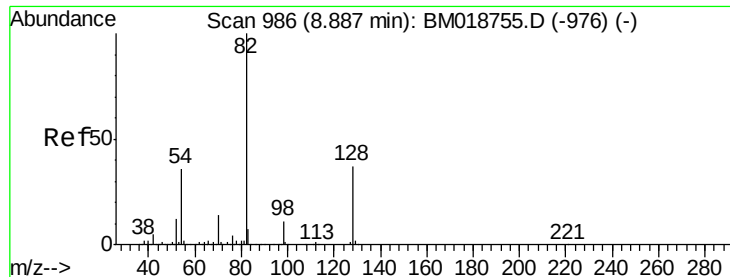
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

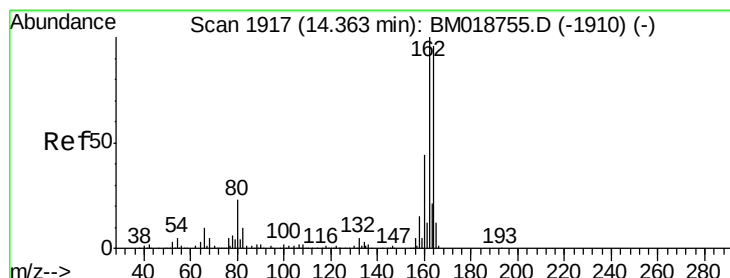
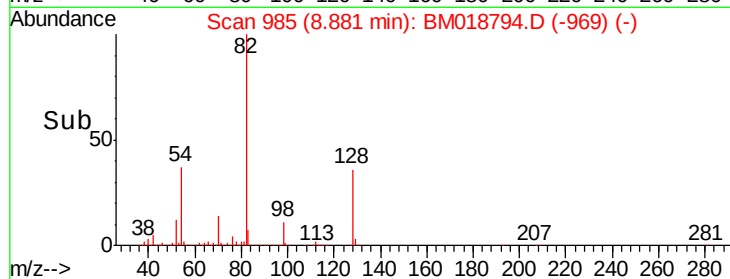
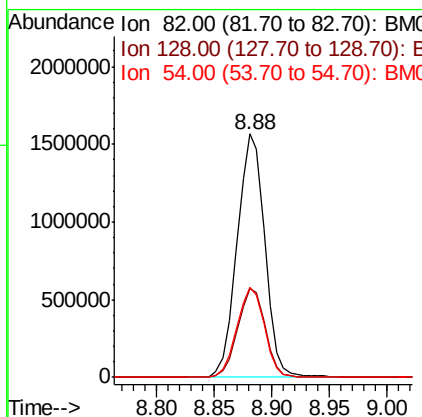
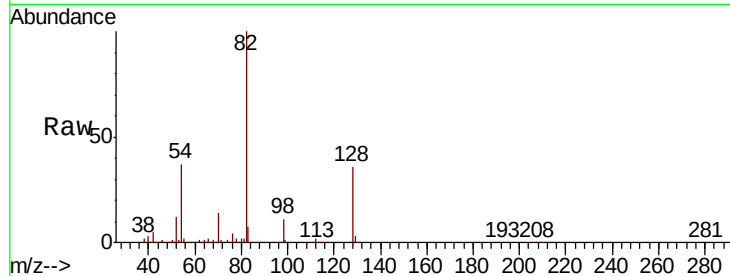




#23
Nitrobenzene-d5
Concen: 105.098 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018794.D
Acq: 13 Feb 2019 04:16

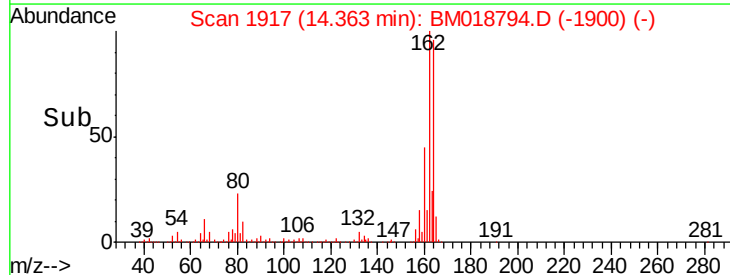
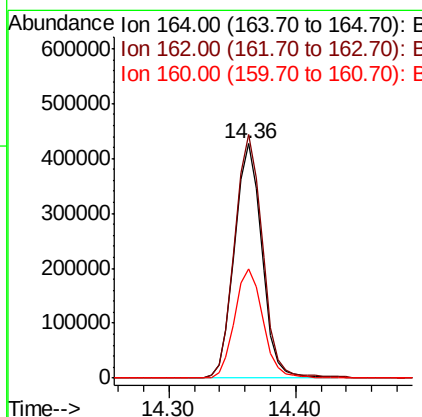
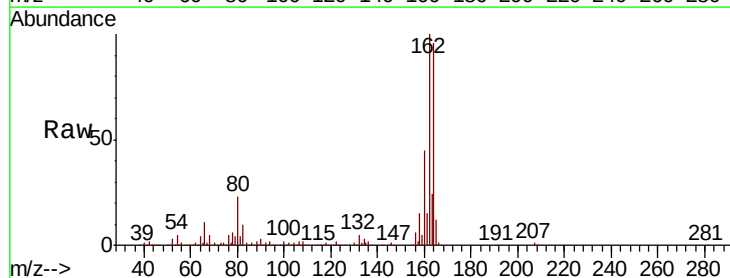
Instrument :
BNA_M
ClientSampleId :
TP-2-D

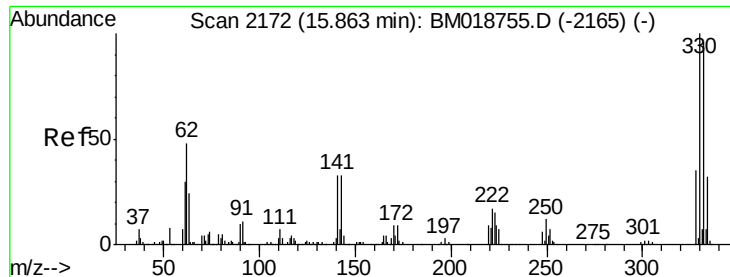
Tgt Ion: 82 Resp: 2606032
Ion Ratio Lower Upper
82 100
128 36.3 29.9 44.9
54 36.7 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018794.D
Acq: 13 Feb 2019 04:16

Tgt Ion: 164 Resp: 636582
Ion Ratio Lower Upper
164 100
162 104.0 83.4 125.0
160 46.8 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 157.739 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018794.D

Acq: 13 Feb 2019 04:16

Instrument :

BNA_M

ClientSampleId :

TP-2-D

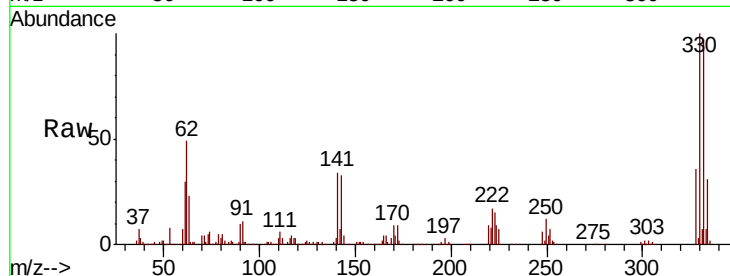
Tgt Ion:330 Resp: 1447434

Ion Ratio Lower Upper

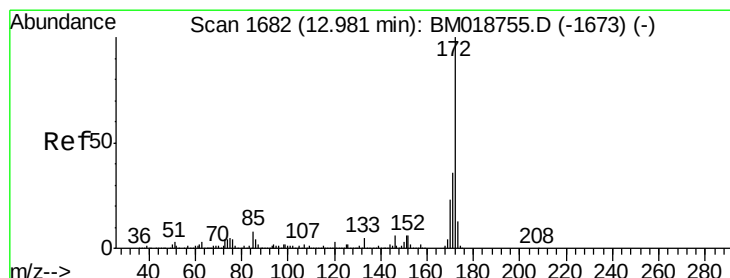
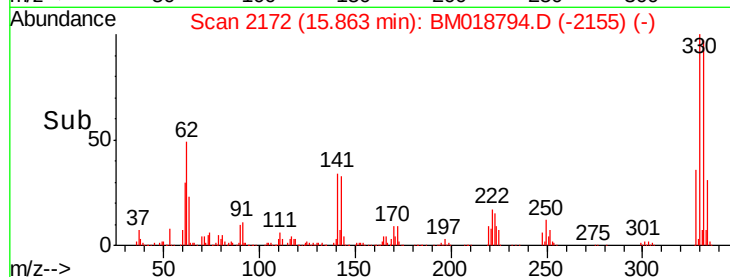
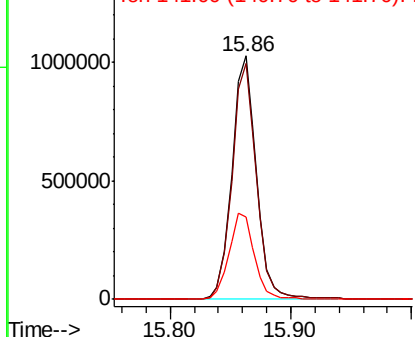
330 100

332 96.6 76.9 115.3

141 36.9 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: 103.763 ng

RT: 12.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BM018794.D

Acq: 13 Feb 2019 04:16

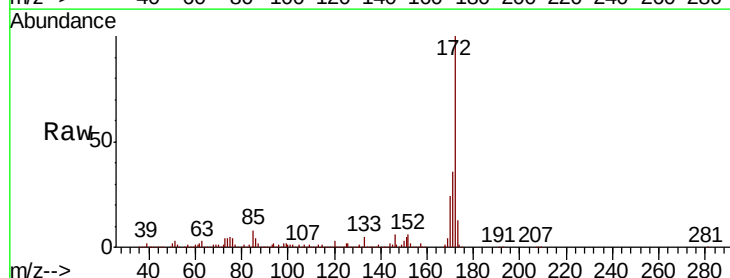
Tgt Ion:172 Resp: 4975885

Ion Ratio Lower Upper

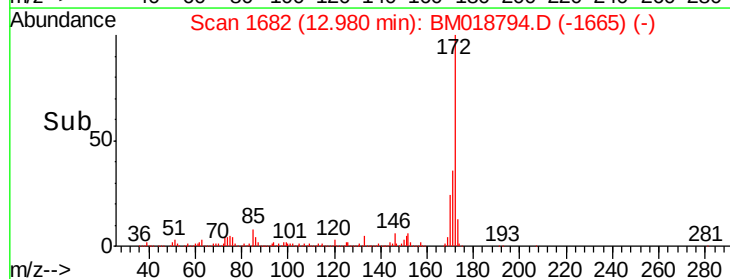
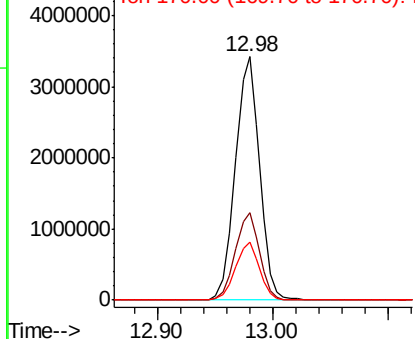
172 100

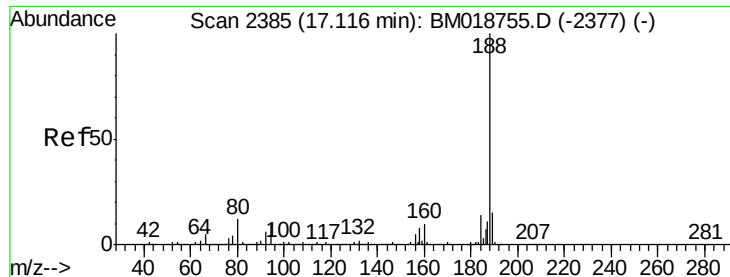
171 35.8 29.0 43.6

170 23.8 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

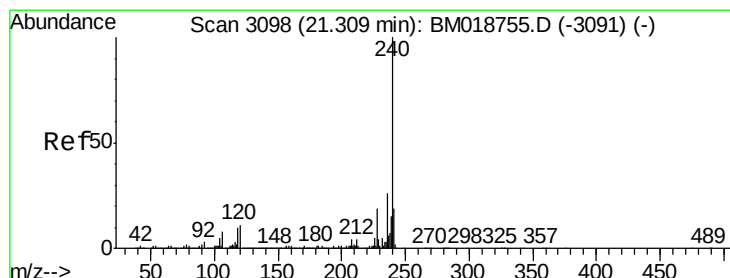
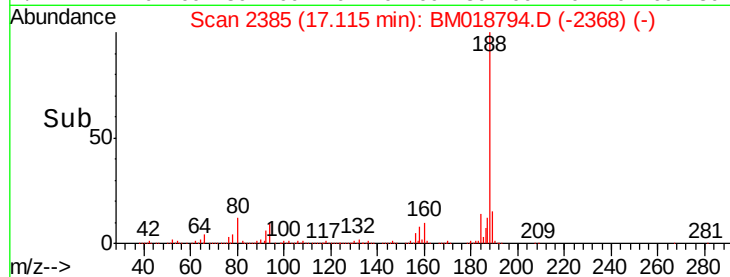
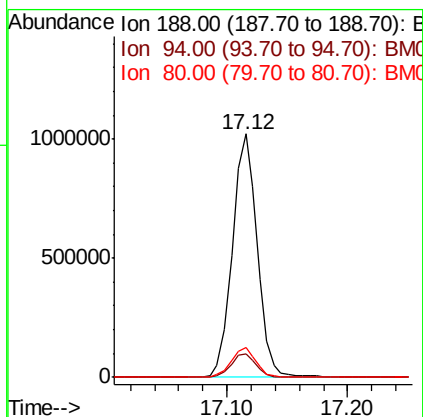
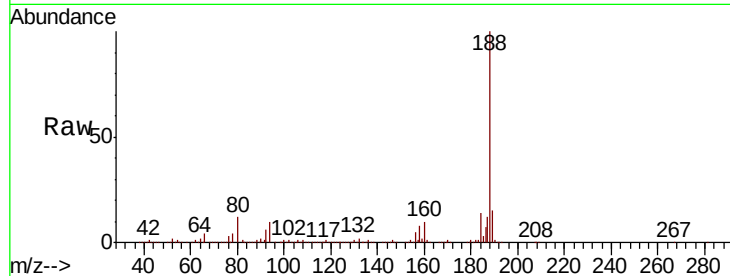




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018794.D
Acq: 13 Feb 2019 04:16

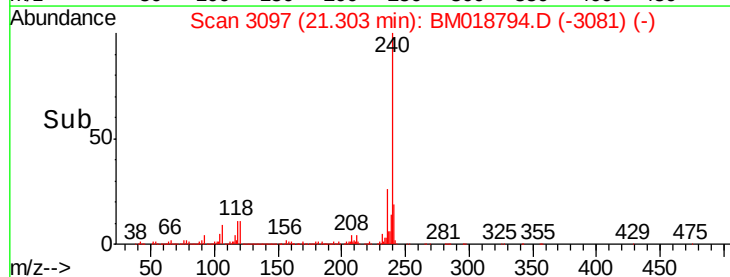
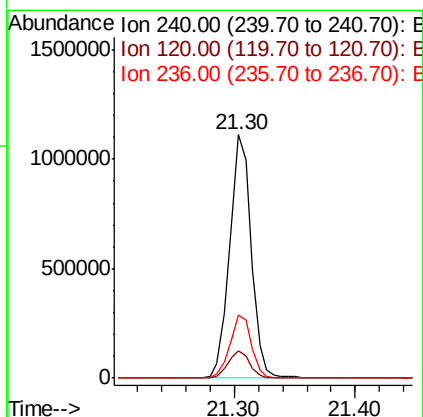
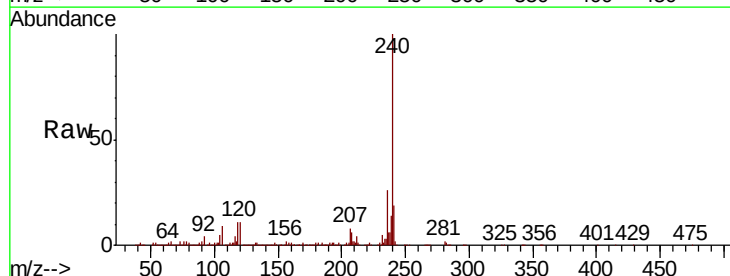
Instrument :
BNA_M
ClientSampled :
TP-2-D

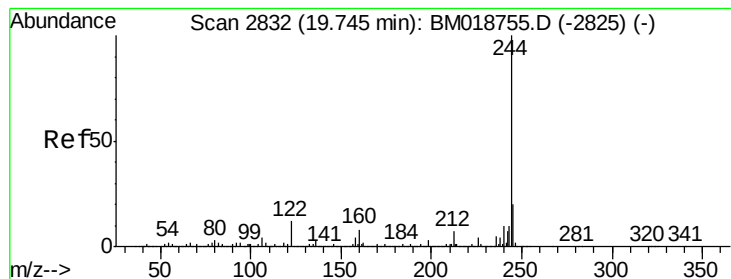
Tgt Ion:188 Resp: 1465288
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 12.0 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018794.D
Acq: 13 Feb 2019 04:16

Tgt Ion:240 Resp: 1392552
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 121.897 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018794.D

Acq: 13 Feb 2019 04:16

Instrument :

BNA_M

ClientSampleId :

TP-2-D

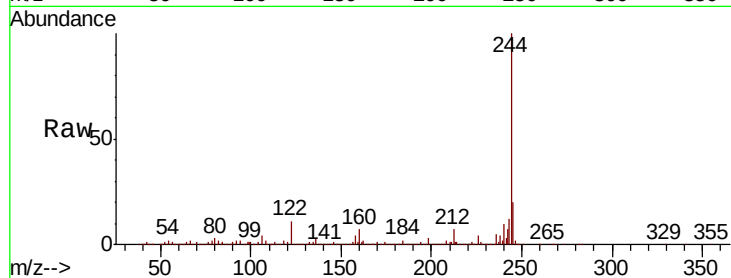
Tgt Ion:244 Resp: 8228629

Ion Ratio Lower Upper

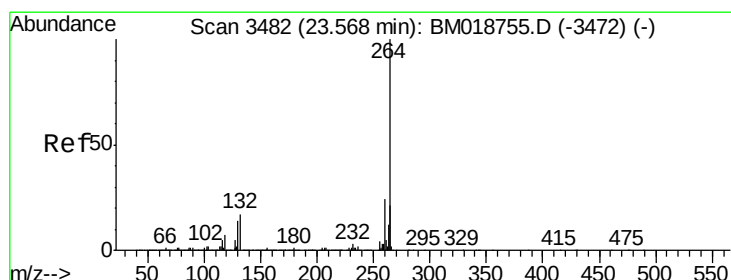
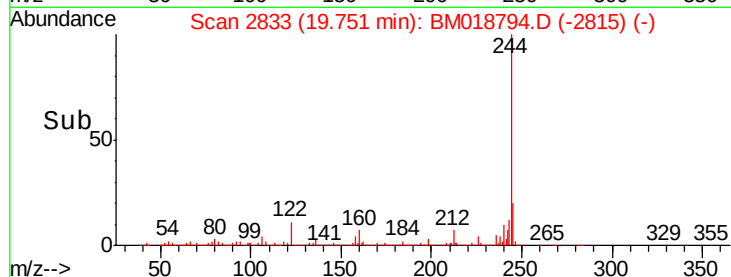
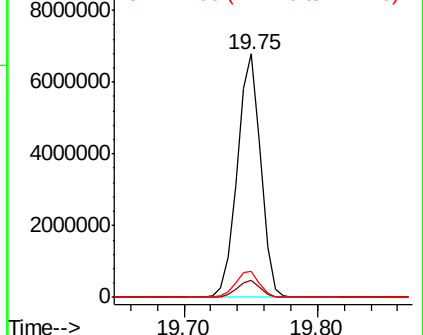
244 100

212 7.1 5.6 8.4

122 10.7 9.3 13.9



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BM018794.D

Acq: 13 Feb 2019 04:16

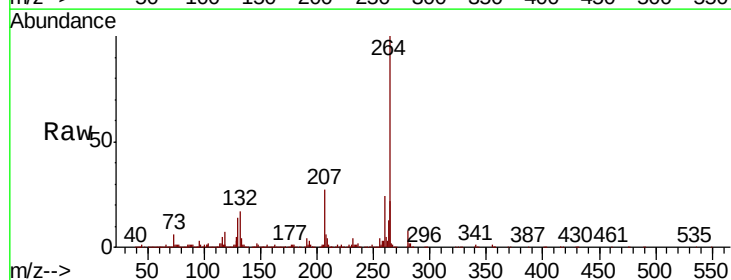
Tgt Ion:264 Resp: 1198405

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

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

