

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018796.D
 Acq On : 13 Feb 2019 05:29
 Operator : JU/SJ
 Sample : K1462-24
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-D

Quant Time: Feb 13 06:46:33 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	304159	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1190974	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	677865	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1581332	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1454575	20.00	ng	0.00
87) Perylene-d12	23.56	264	1216337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2758076	148.57	ng	0.00
7) Phenol-d6	6.89	99	3439267	131.51	ng	0.00
23) Nitrobenzene-d5	8.88	82	2681746	104.12	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1587374	162.45	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5116109	100.19	ng	0.00
79) Terphenyl-d14	19.75	244	8790062	124.66	ng	0.00

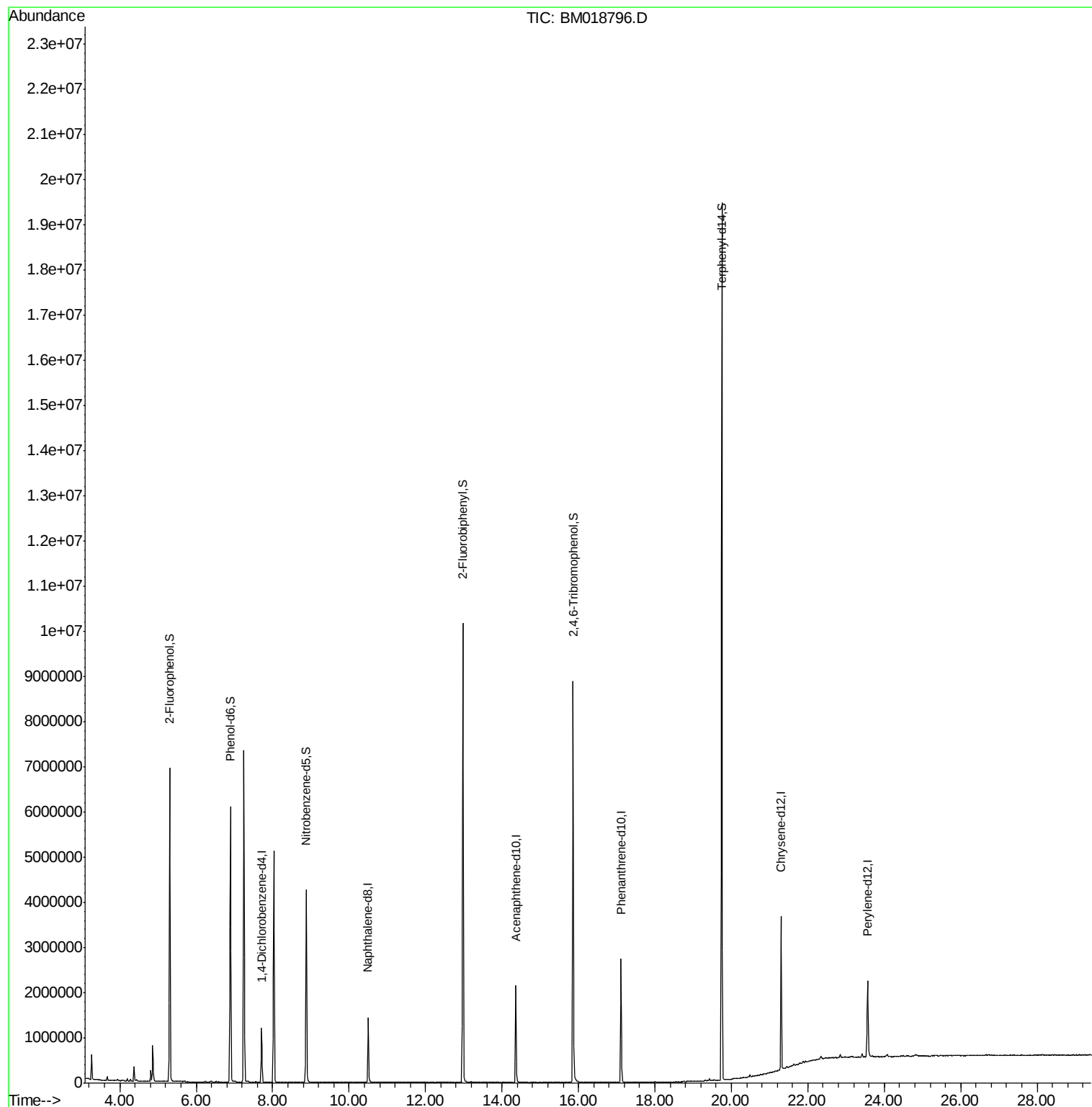
Target Compounds Qvalue

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

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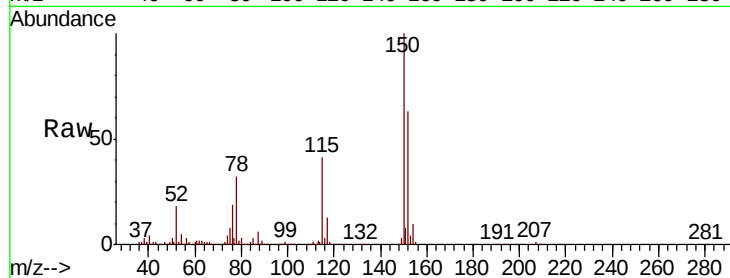


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018796.D
Acq: 13 Feb 2019 05:29

Instrument :
BNA_M
ClientSampleId :
TP-3-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	127.3	190.9
115	64.7	50.8	76.2

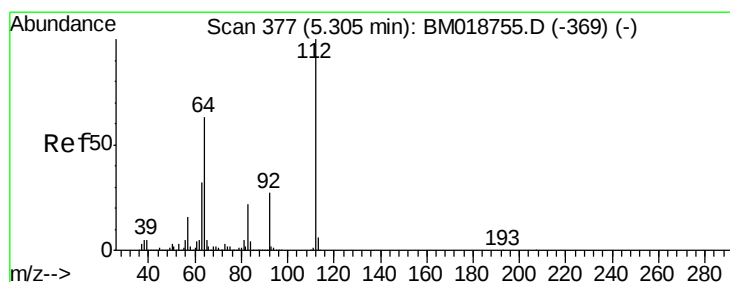
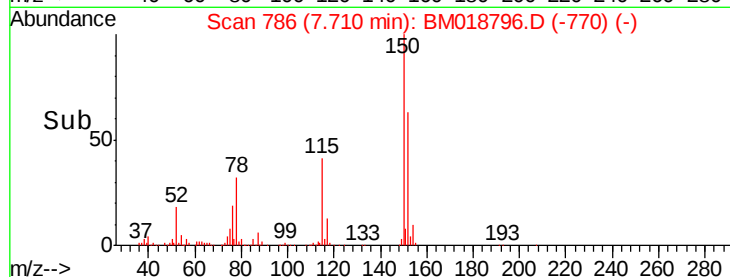
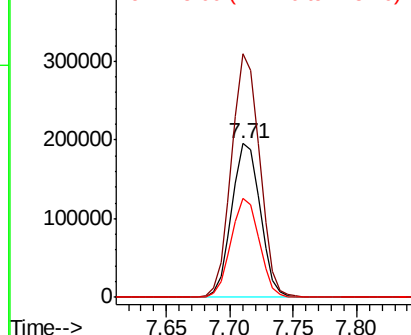


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

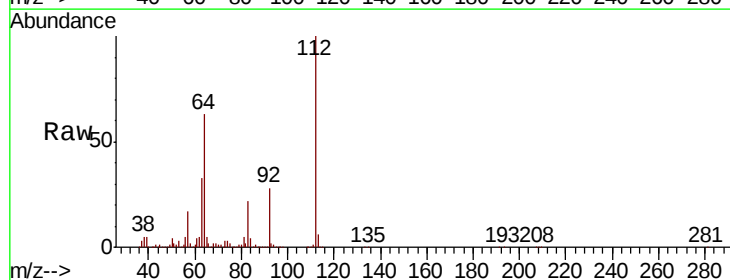
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 148.575 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018796.D
Acq: 13 Feb 2019 05:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	50.6	75.8
63	32.5	25.7	38.5

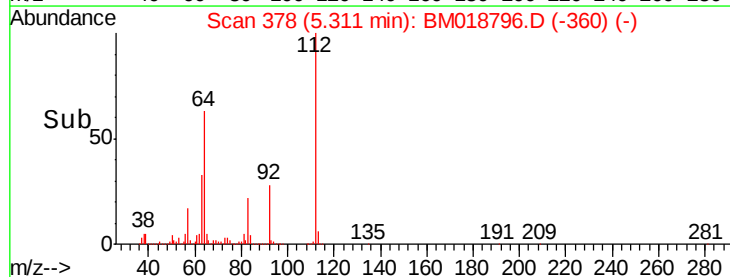
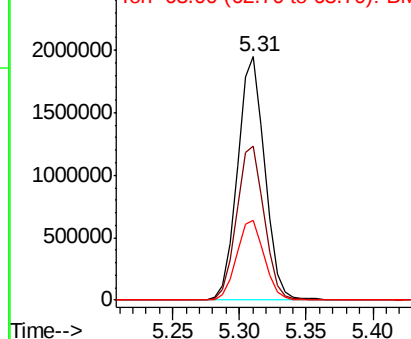


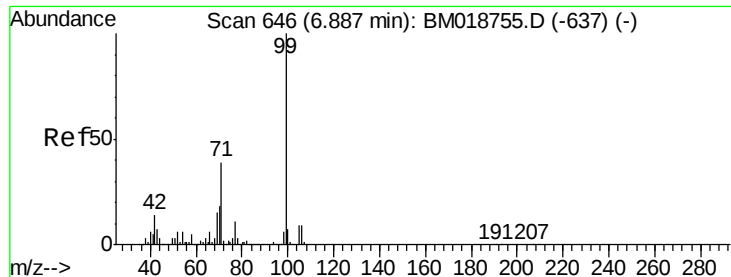
Abundance

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: 131.513 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018796.D

Acq: 13 Feb 2019 05:29

Instrument :

BNA_M

ClientSampleId :

TP-3-D

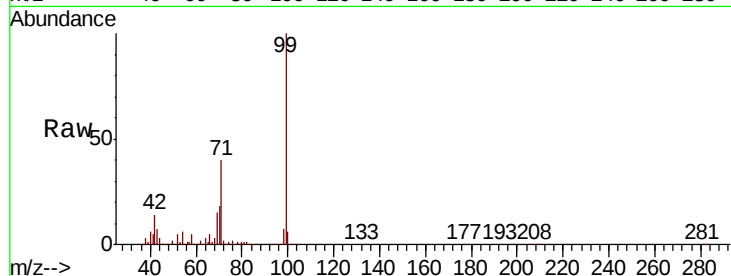
Tot Ion: 99 Resp: 3439267

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

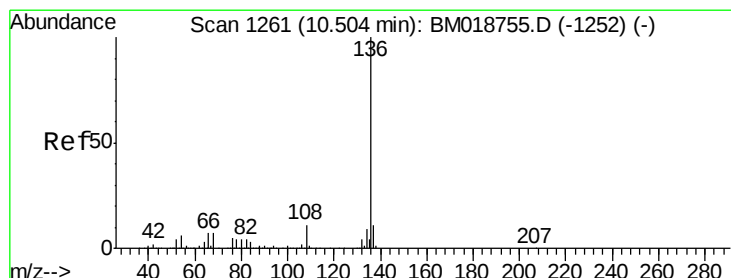
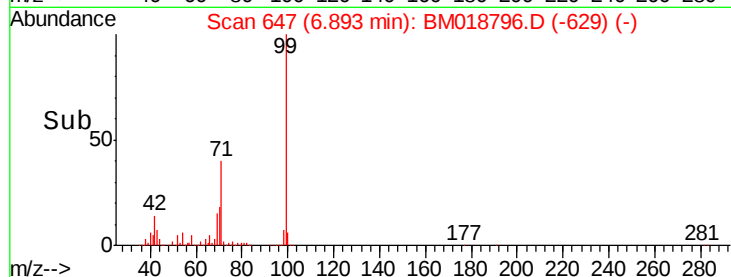
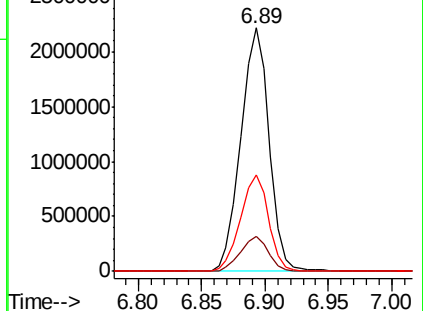
71 39.8 31.3 46.9



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: BM018796.D

Acq: 13 Feb 2019 05:29

Tgt Ion: 136 Resp: 1190974

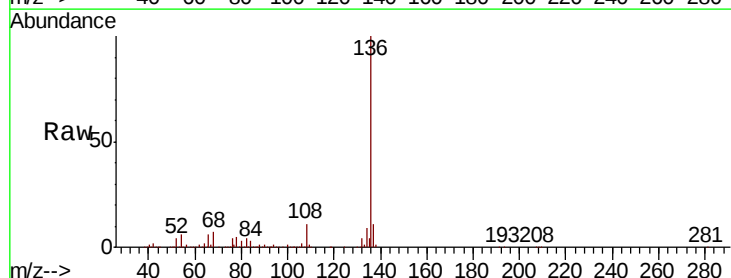
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.4 5.0 7.6

68 6.7 5.5 8.3

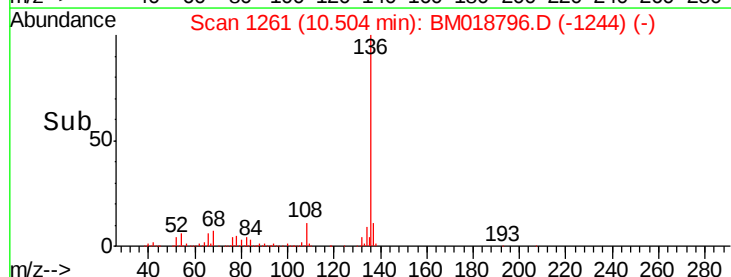
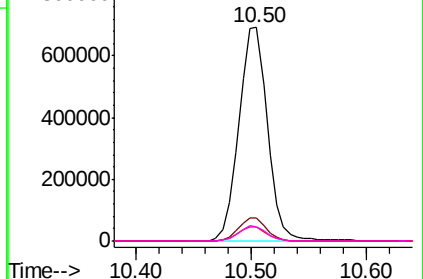


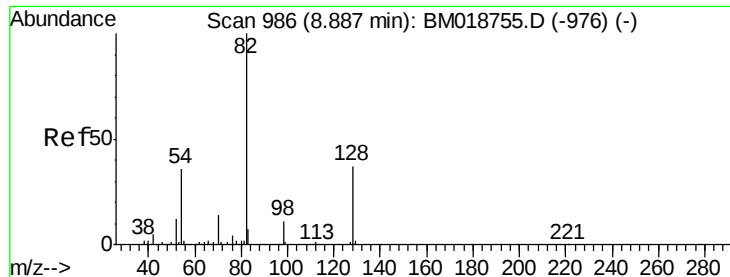
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

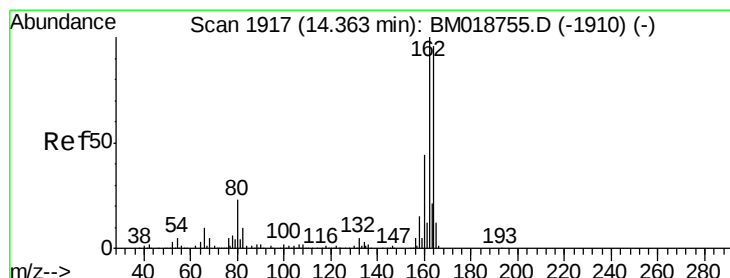
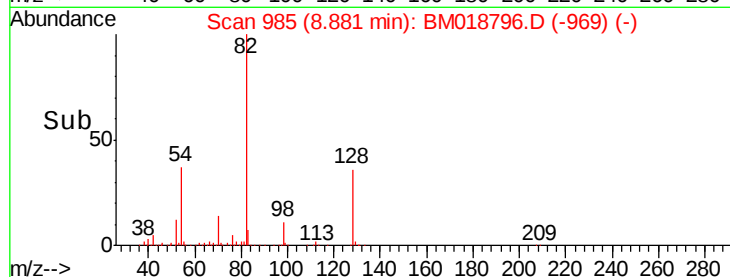
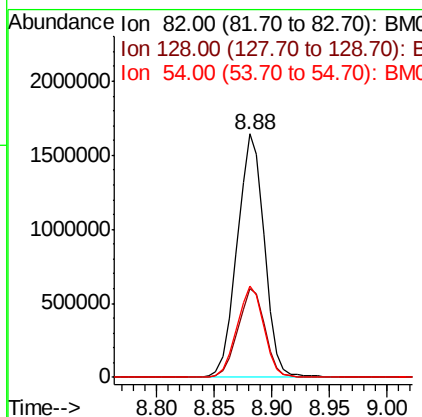
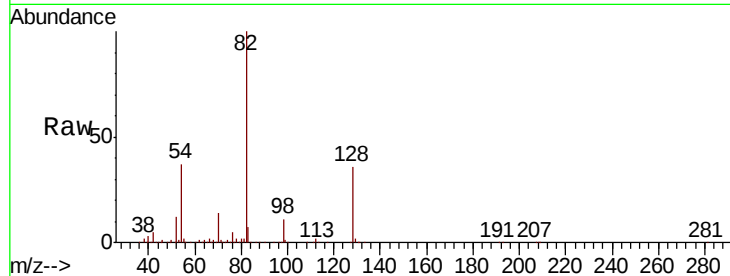




#23
 Nitrobenzene-d5
 Concen: 104.117 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018796.D
 Acq: 13 Feb 2019 05:29

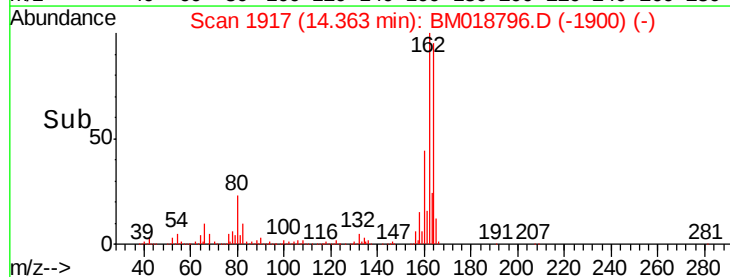
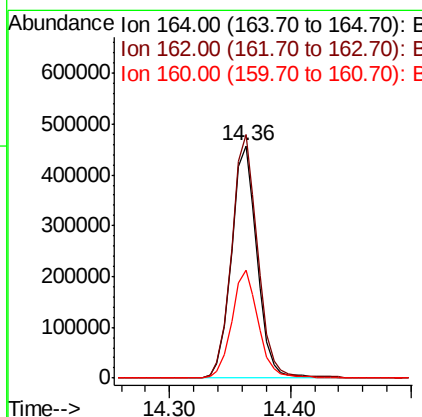
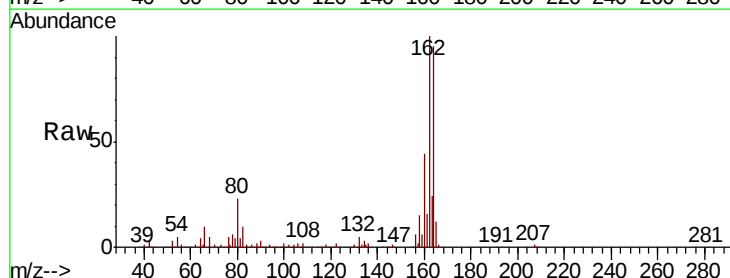
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-D

Tot Ion: 82 Resp: 2681746
 Ion Ratio Lower Upper
 82 100
 128 36.4 29.9 44.9
 54 37.3 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: BM018796.D
 Acq: 13 Feb 2019 05:29

Tgt Ion:164 Resp: 677865
 Ion Ratio Lower Upper
 164 100
 162 104.9 83.4 125.0
 160 46.6 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 162.454 ng

RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM018796.D

Acq: 13 Feb 2019 05:29

Instrument :

BNA_M

ClientSampleId :

TP-3-D

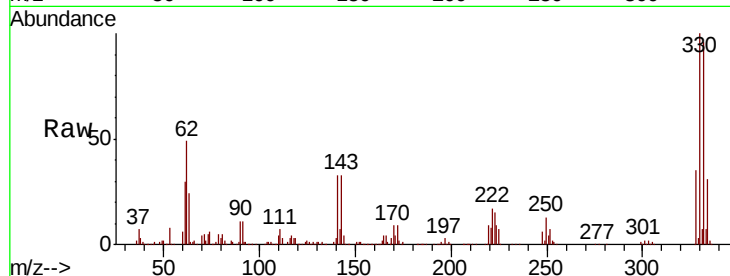
Tot Ion:330 Resp: 1587374

Ion Ratio Lower Upper

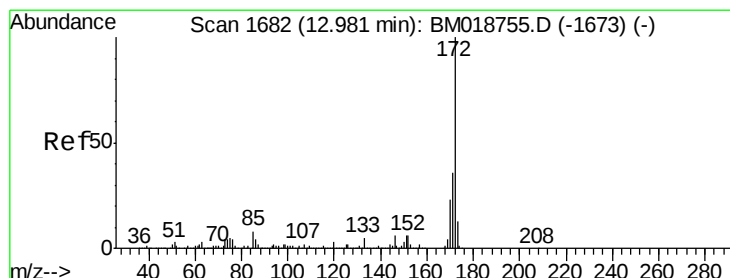
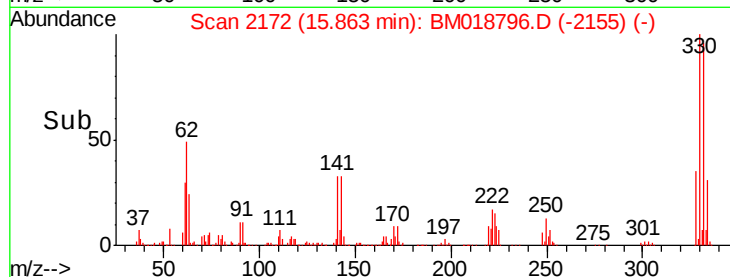
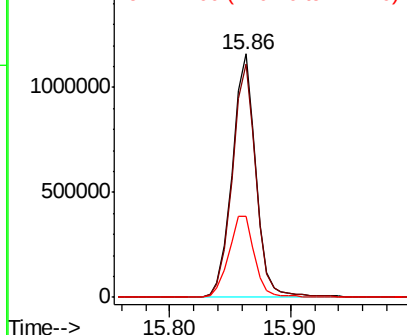
330 100

332 96.2 76.9 115.3

141 36.5 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: 100.190 ng

RT: 12.98 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BM018796.D

Acq: 13 Feb 2019 05:29

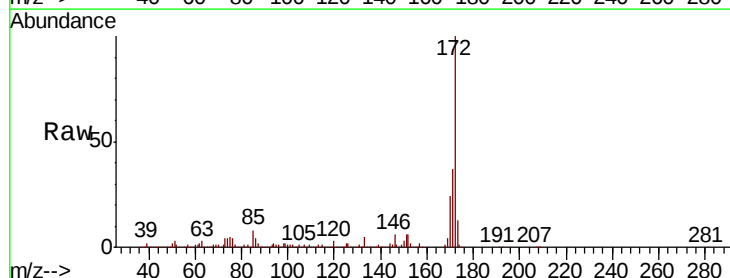
Tgt Ion:172 Resp: 5116109

Ion Ratio Lower Upper

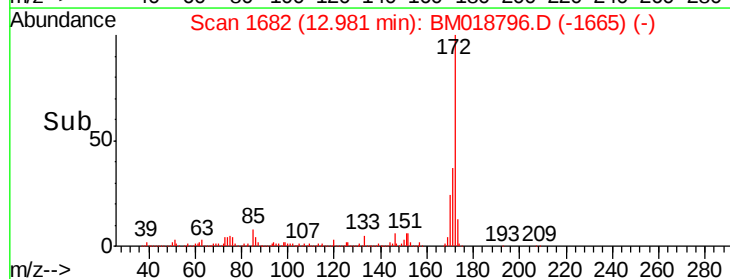
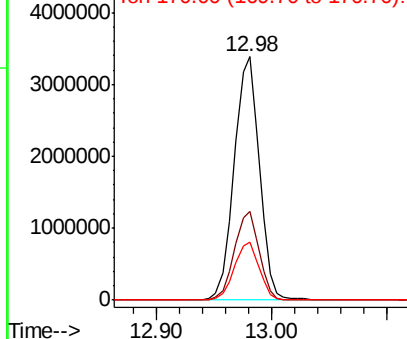
172 100

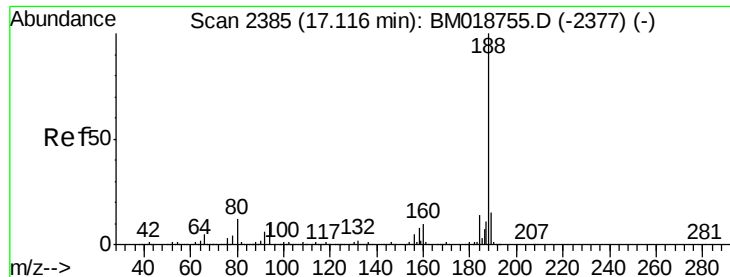
171 36.5 29.0 43.6

170 23.6 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: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018796.D

Acq: 13 Feb 2019 05:29

Instrument :

BNA_M

ClientSampled :

TP-3-D

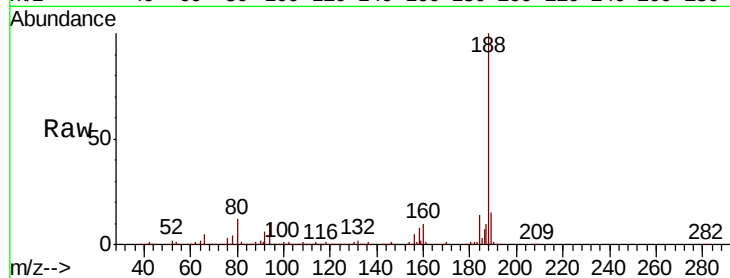
Tot Ion:188 Resp: 1581332

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

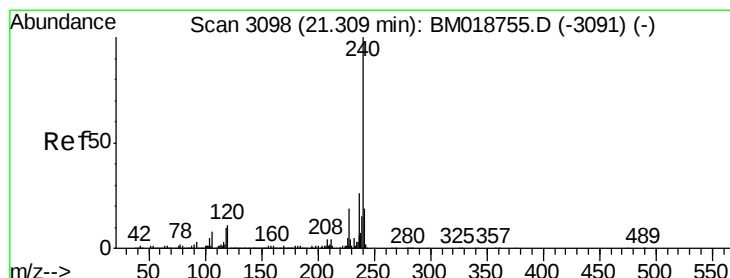
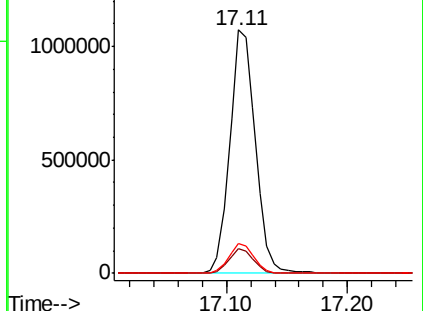
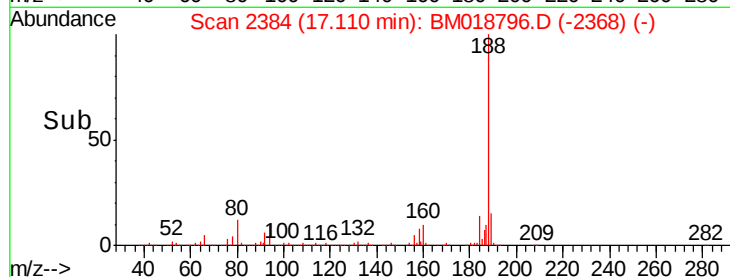
80 12.2 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018796.D

Acq: 13 Feb 2019 05:29

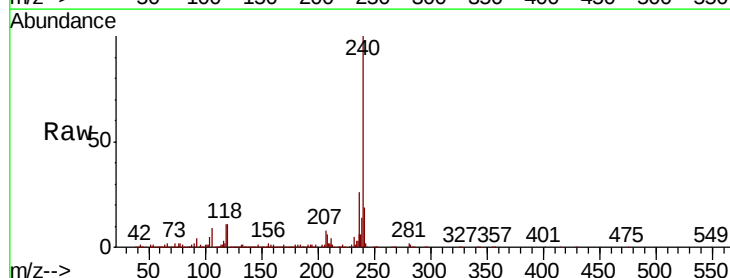
Tgt Ion:240 Resp: 1454575

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

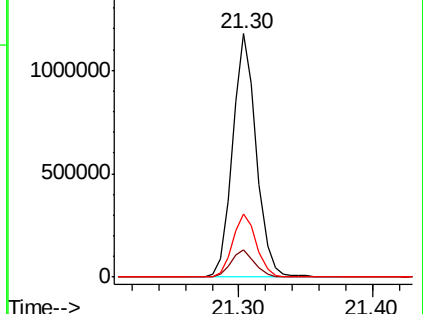
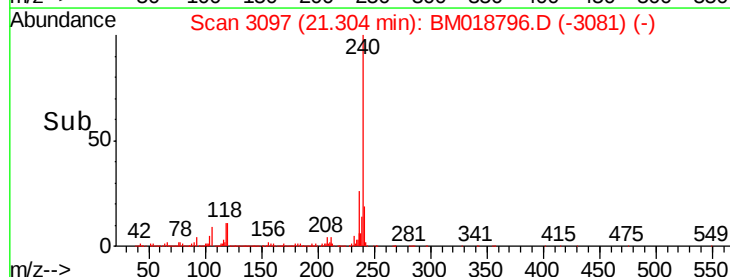
236 26.1 20.9 31.3

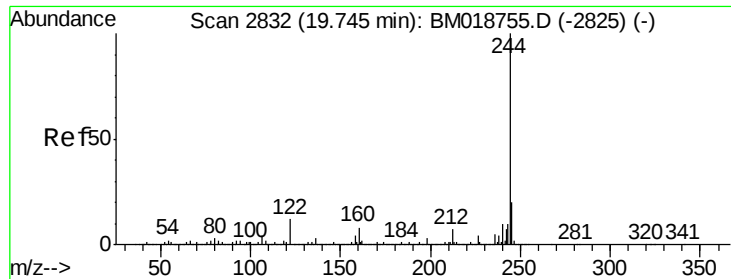


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 124.662 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018796.D

Acq: 13 Feb 2019 05:29

Instrument :

BNA_M

ClientSampleId :

TP-3-D

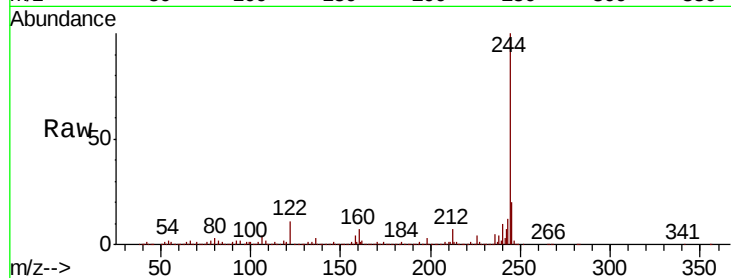
Tot Ion:244 Resp: 8790062

Ion Ratio Lower Upper

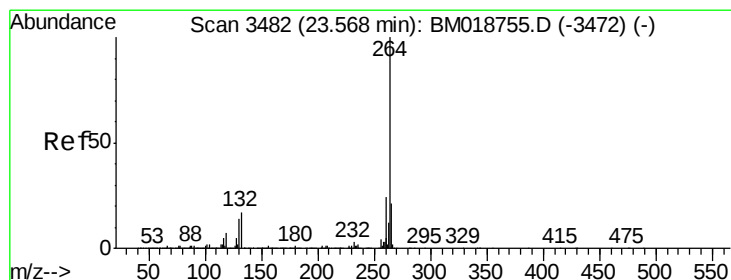
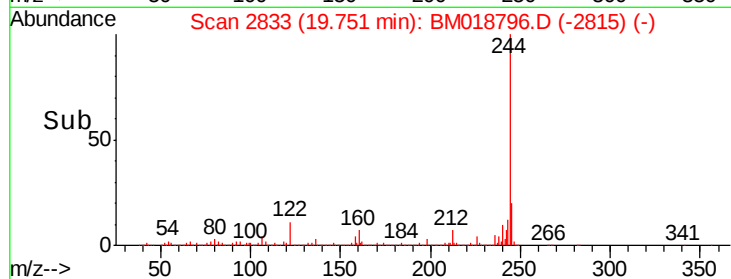
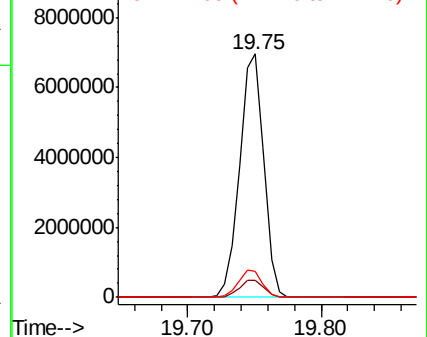
244 100

212 7.2 5.6 8.4

122 10.5 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: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018796.D

Acq: 13 Feb 2019 05:29

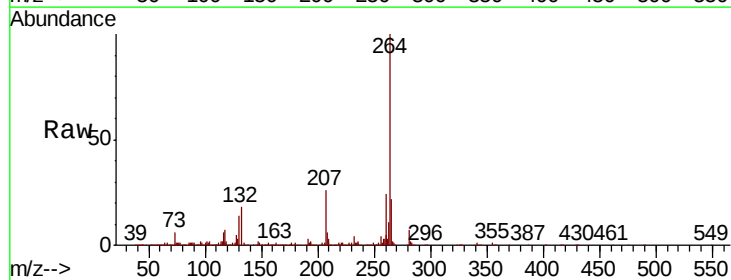
Tgt Ion:264 Resp: 1216337

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.5 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

