

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020419\
 Data File : BM018728.D
 Acq On : 04 Feb 2019 20:49
 Operator : JU/SJ
 Sample : PB116799TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116799TB

Quant Time: Feb 04 23:52:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	269340	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	991477	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	500477	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1023065	20.00	ng	0.00
76) Chrysene-d12	21.31	240	904189	20.00	ng	0.00
87) Perylene-d12	23.57	264	929508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1893132	129.79	ng	0.00
7) Phenol-d6	6.89	99	2323851	125.43	ng	0.00
23) Nitrobenzene-d5	8.89	82	1390505	81.30	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	747343	117.28	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	3310369	86.31	ng	0.00
79) Terphenyl-d14	19.75	244	3899584	90.92	ng	0.00

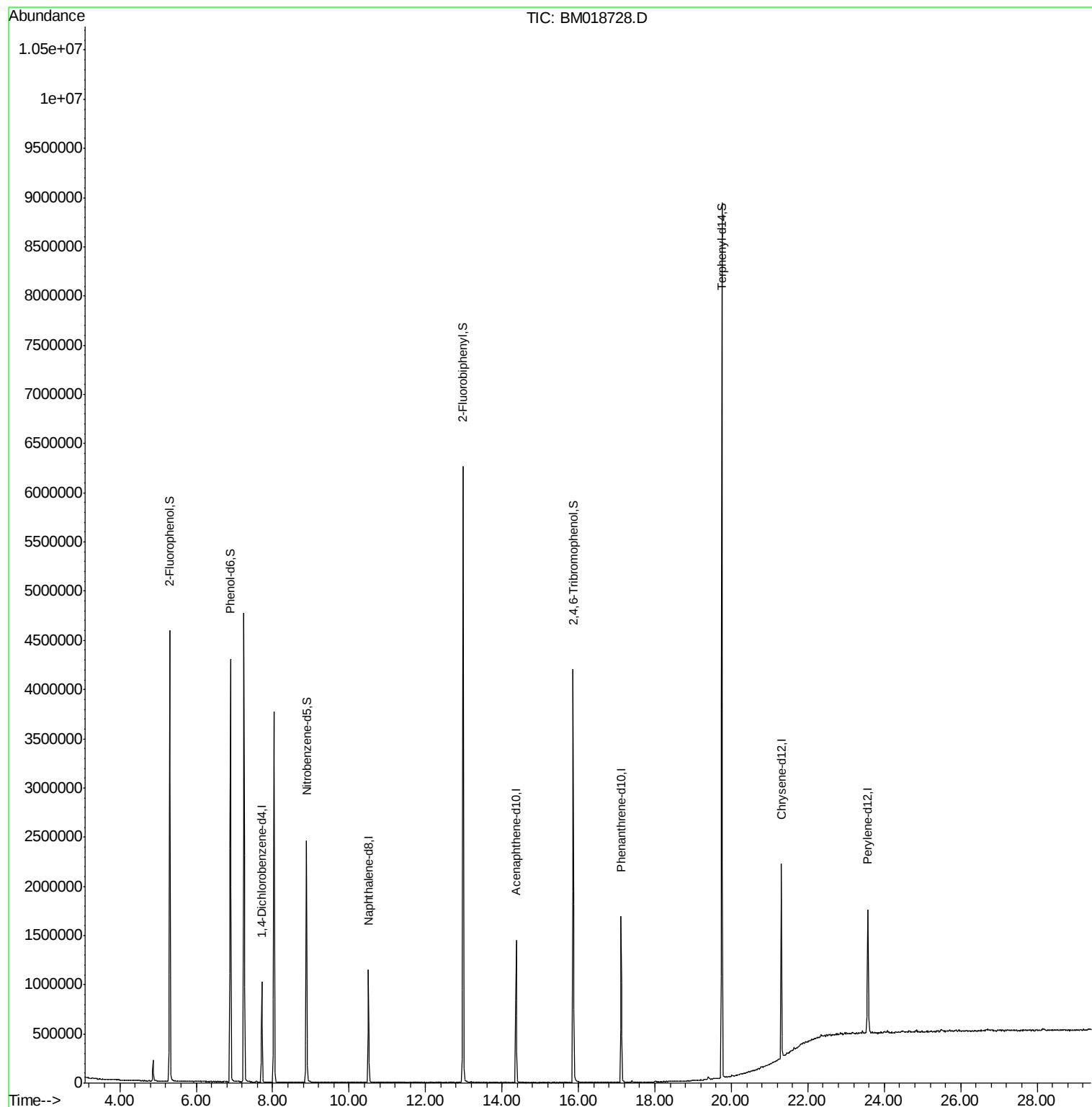
Target Compounds	Qvalue
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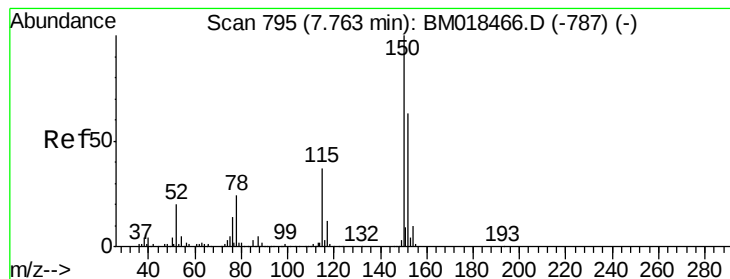
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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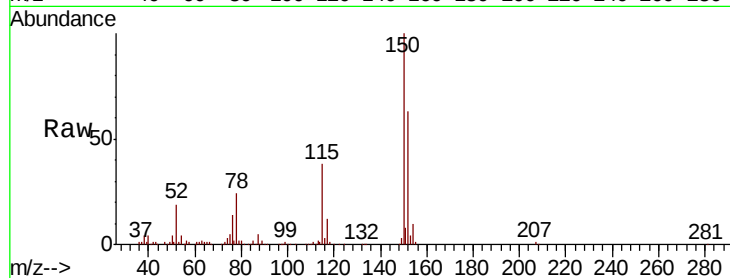


#1

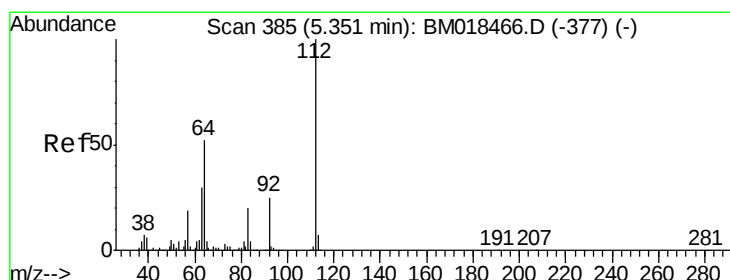
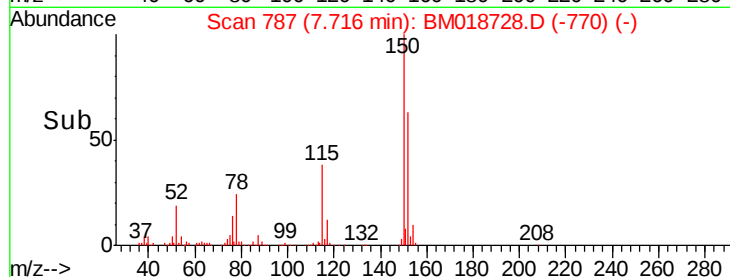
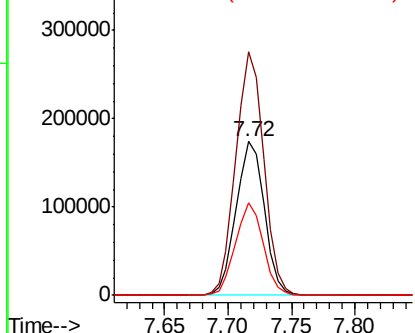
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018728.D
Acq: 04 Feb 2019 20:49

Instrument :
BNA_M
ClientSampleId :
PB116799TB

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.9	190.3
115	60.2	45.5	68.3



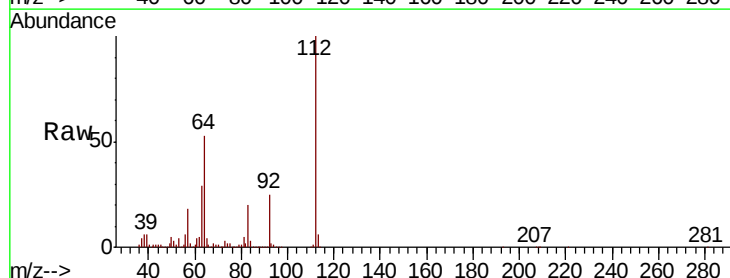
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



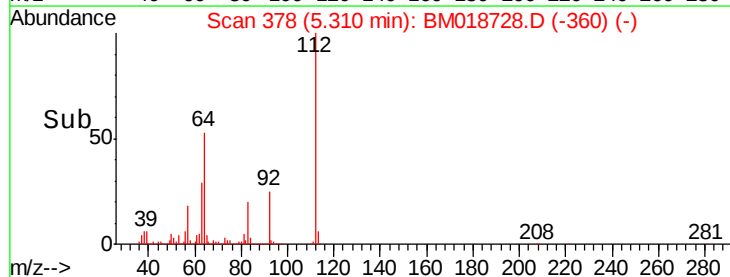
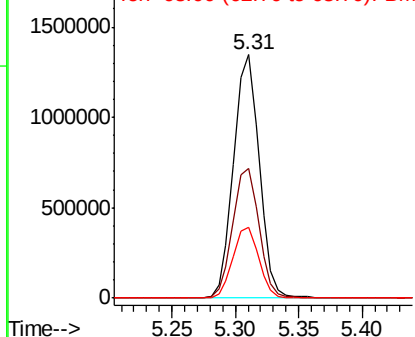
#5

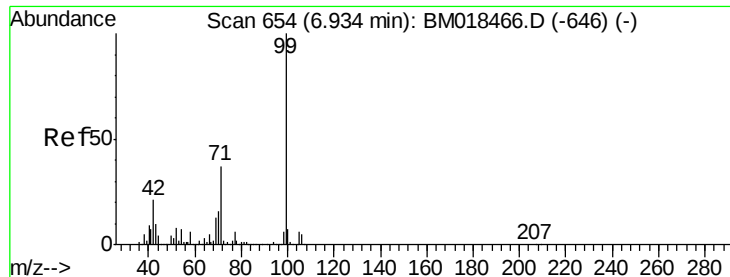
2-Fluorophenol
Concen: 129.786 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018728.D
Acq: 04 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.5	69.7
63	29.2	25.2	37.8



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: 125.433 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018728.D

Acq: 04 Feb 2019 20:49

Instrument :

BNA_M

ClientSampleId :

PB116799TB

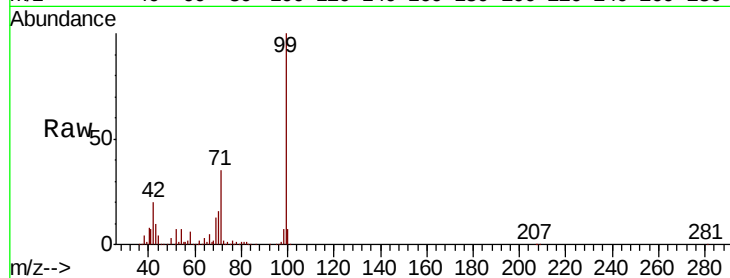
Tgt Ion: 99 Resp: 2323851

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

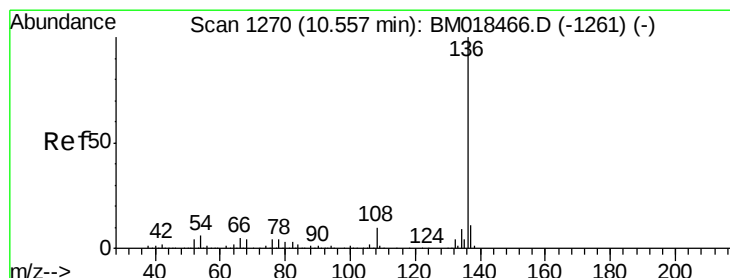
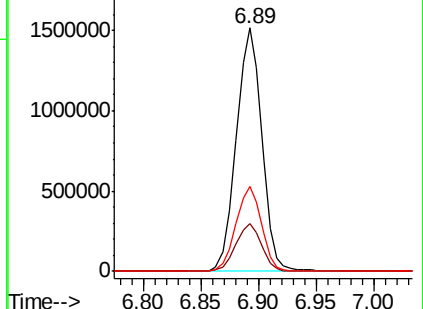
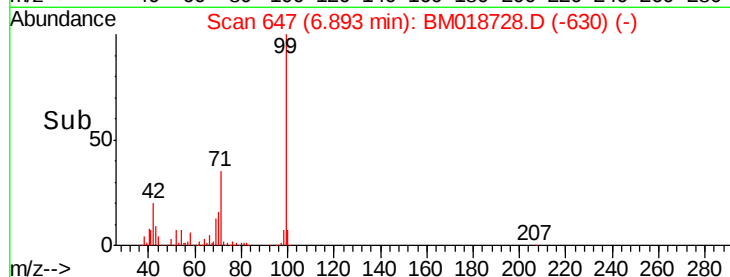
71 35.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM018728.D

Acq: 04 Feb 2019 20:49

Tgt Ion: 136 Resp: 991477

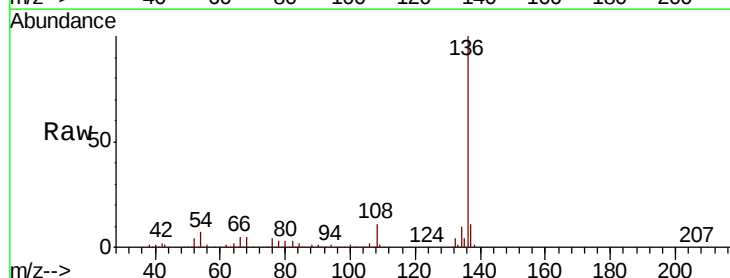
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.9 6.0 9.0

68 4.9 4.5 6.7

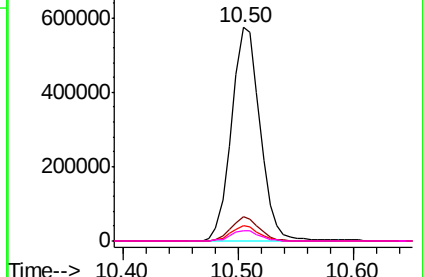
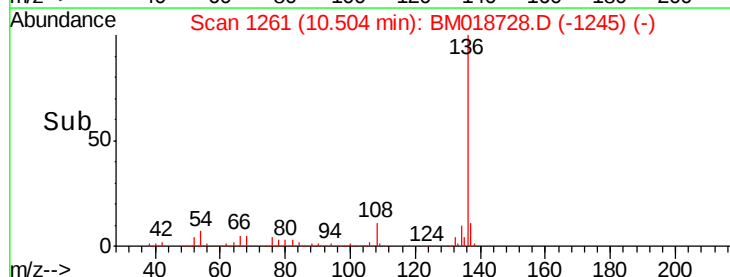


Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

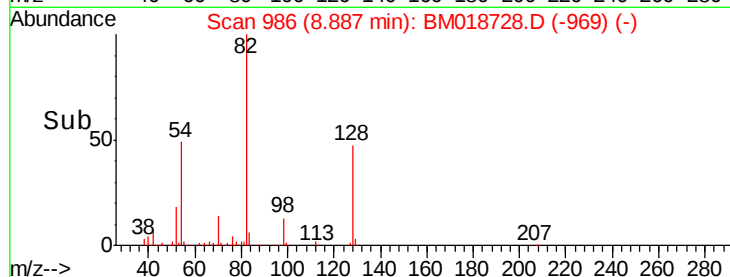
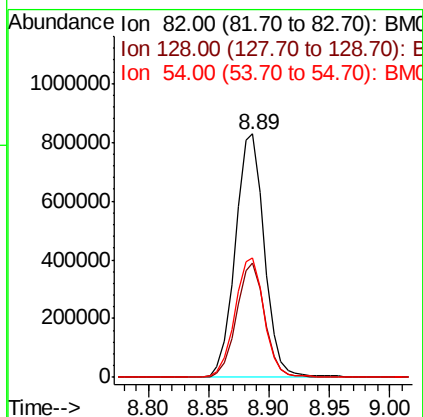
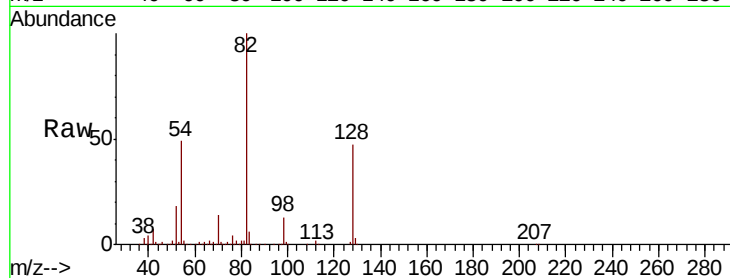




#23
 Nitrobenzene-d5
 Concen: 81.302 ng
 RT: 8.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BM018728.D
 Acq: 04 Feb 2019 20:49

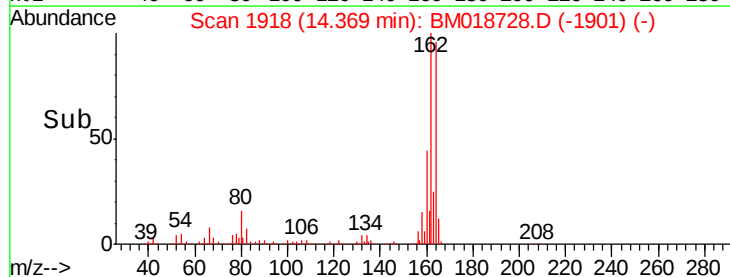
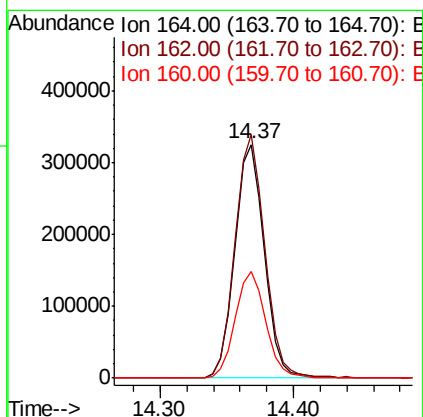
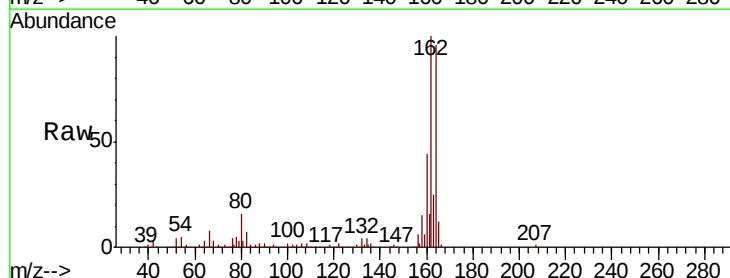
Instrument :
 BNA_M
 ClientSampleId :
 PB116799TB

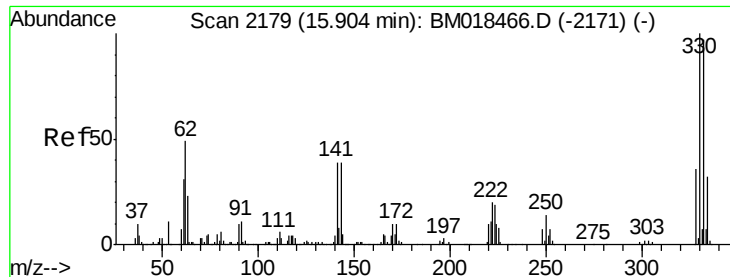
Tgt Ion: 82 Resp: 1390505
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.3 54.5
 54 49.3 41.7 62.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.37 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: BM018728.D
 Acq: 04 Feb 2019 20:49

Tgt Ion: 164 Resp: 500477
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.0 124.4
 160 45.6 37.1 55.7

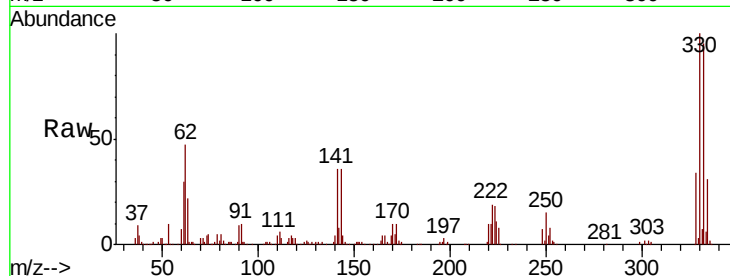




#42
 2,4,6-Tribromophenol
 Concen: 117.277 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BM018728.D
 Acq: 04 Feb 2019 20:49

Instrument :
 BNA_M
 ClientSampleId :
 PB116799TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	38.1	31.7	47.5

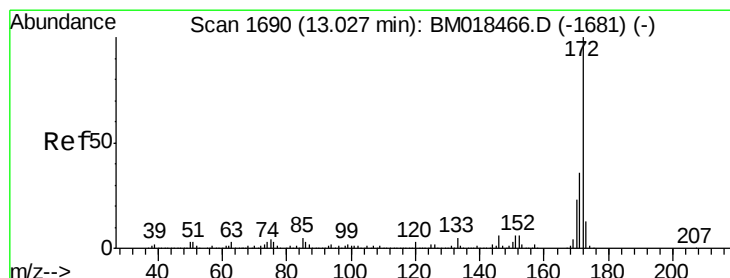
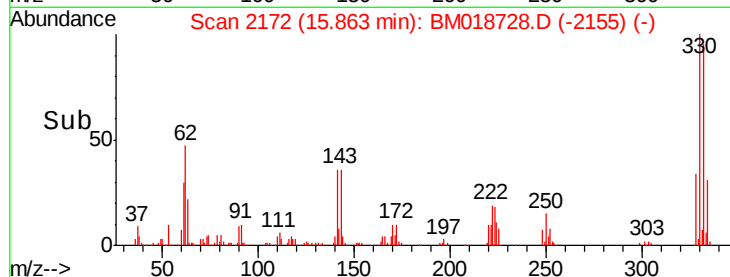
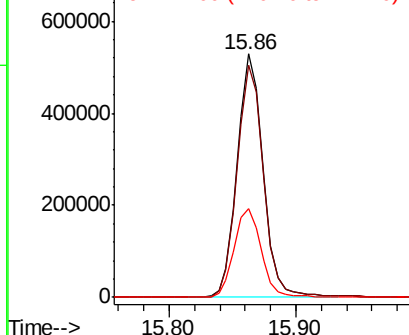


Abundance

Ion 329.80 (329.50 to 330.50): E

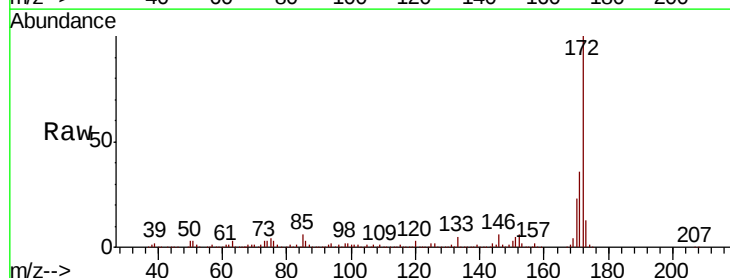
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.309 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BM018728.D
 Acq: 04 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.2	18.9	28.3

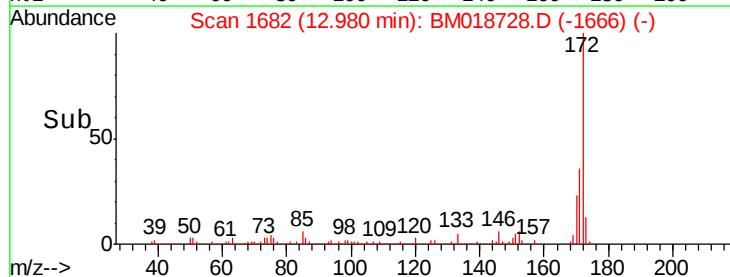
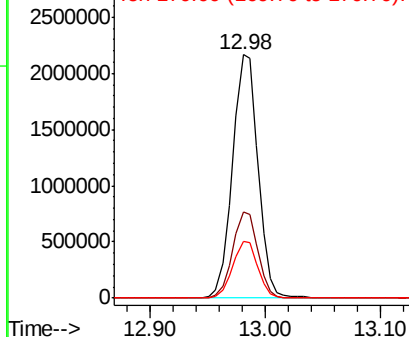


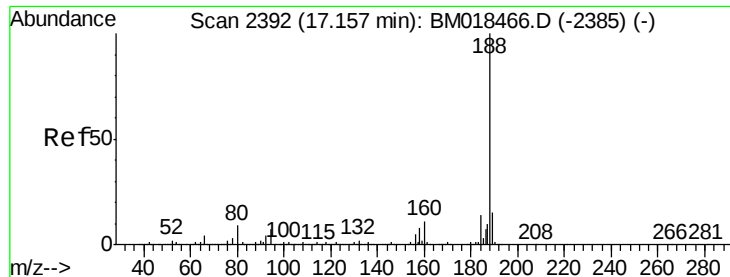
Abundance

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

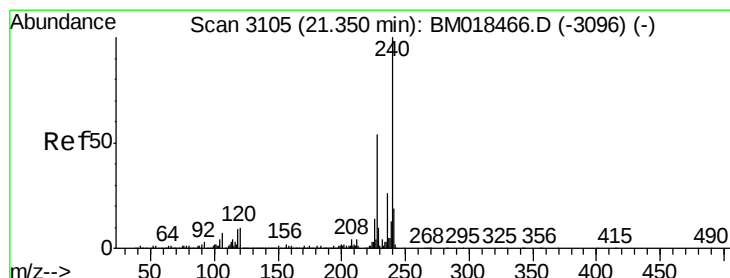
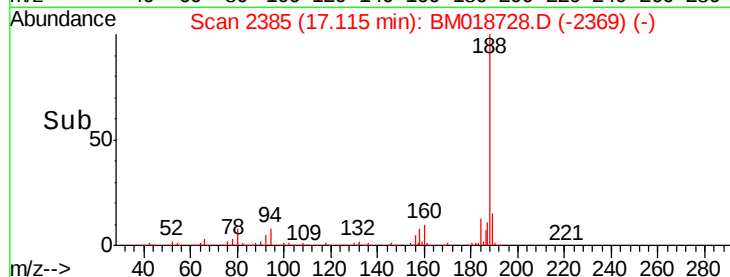
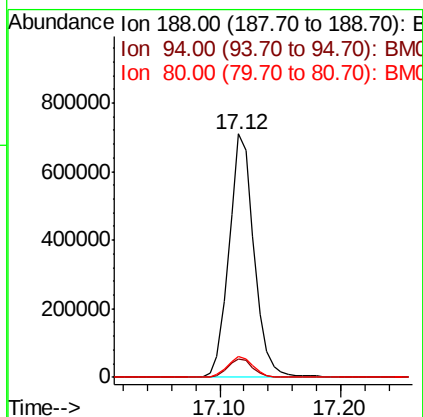
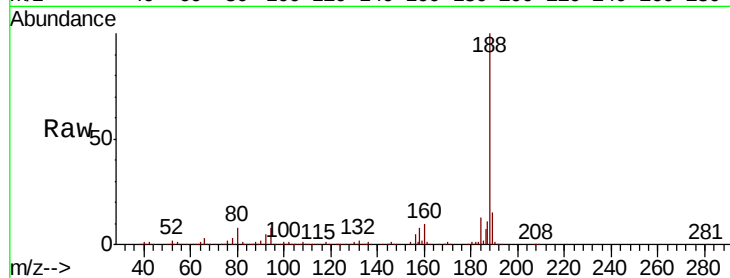




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018728.D
Acq: 04 Feb 2019 20:49

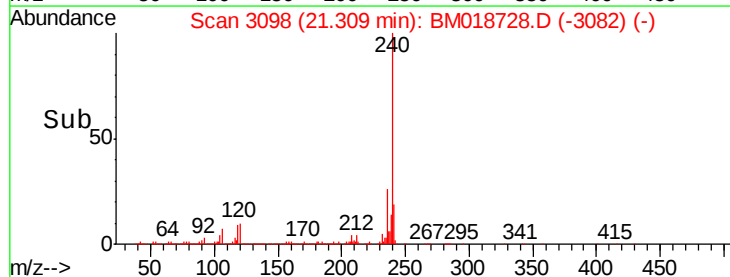
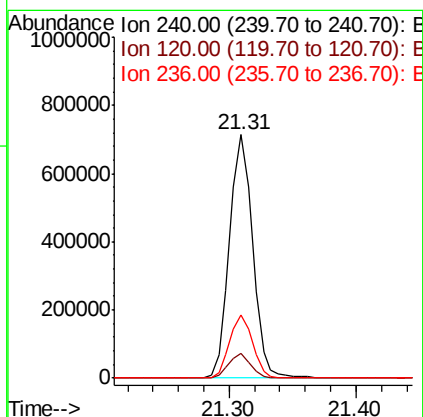
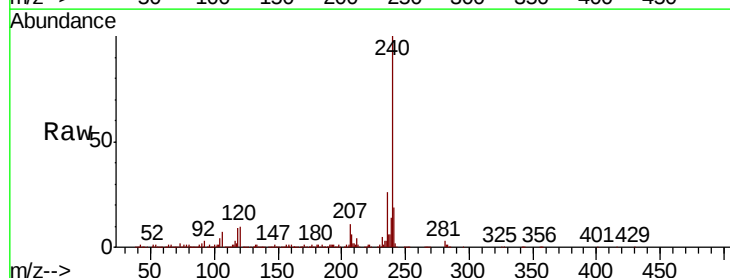
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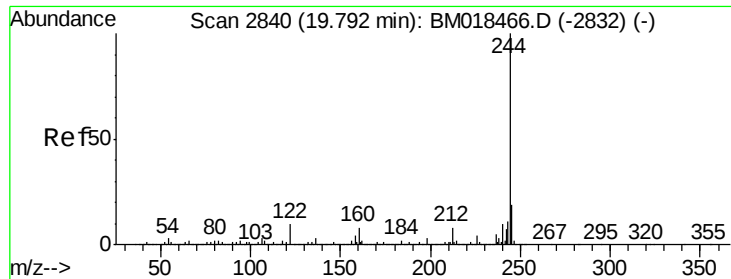
Tgt Ion:188 Resp: 1023065
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM018728.D
Acq: 04 Feb 2019 20:49

Tgt Ion:240 Resp: 904189
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 90.915 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM018728.D

Acq: 04 Feb 2019 20:49

Instrument :

BNA_M

ClientSampleId :

PB116799TB

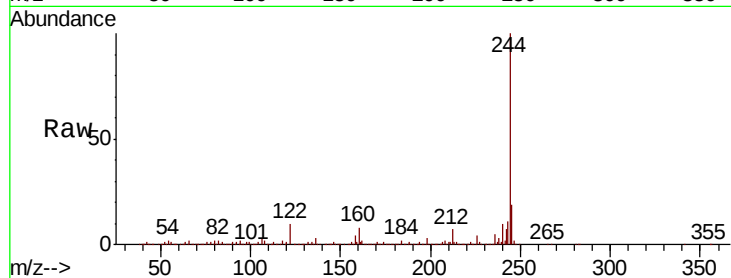
Tgt Ion:244 Resp: 3899584

Ion Ratio Lower Upper

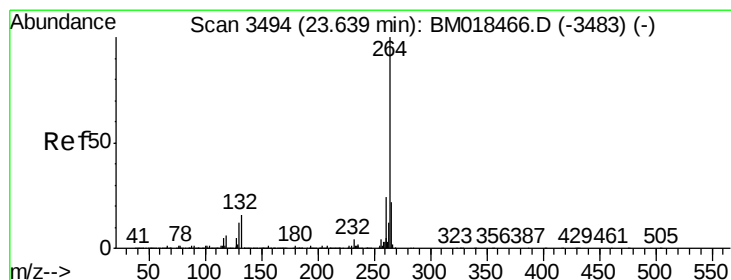
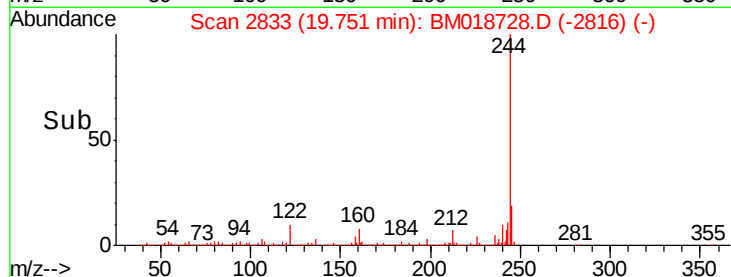
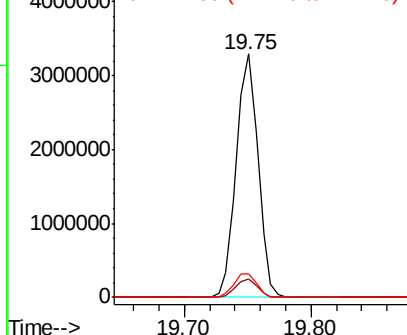
244 100

212 7.3 5.9 8.9

122 9.8 9.0 13.4



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. -0.01 min

Lab File: BM018728.D

Acq: 04 Feb 2019 20:49

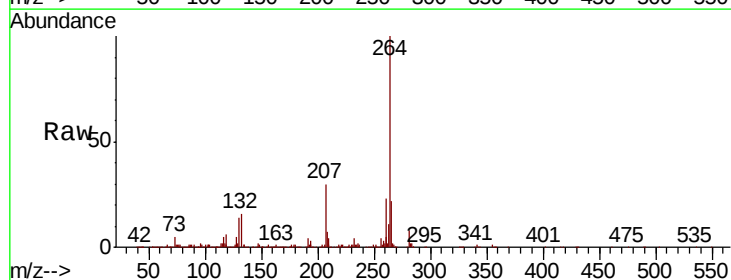
Tgt Ion:264 Resp: 929508

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.8 16.8 25.2



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

