

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
 Data File : BM018668.D
 Acq On : 28 Jan 2019 17:32
 Operator : JU/SJ
 Sample : PB116655BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116655BL

Quant Time: Jan 29 00:47:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	208489	20.00	ng	-0.01
21) Naphthalene-d8	10.52	136	799658	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	443338	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1027000	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1085754	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1117408	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1755213	155.45	ng	-0.01
7) Phenol-d6	6.90	99	2225914	155.21	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1336489	96.89	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	930121	164.77	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3388092	99.72	ng	-0.01
79) Terphenyl-d14	19.76	244	5280946	102.53	ng	0.00

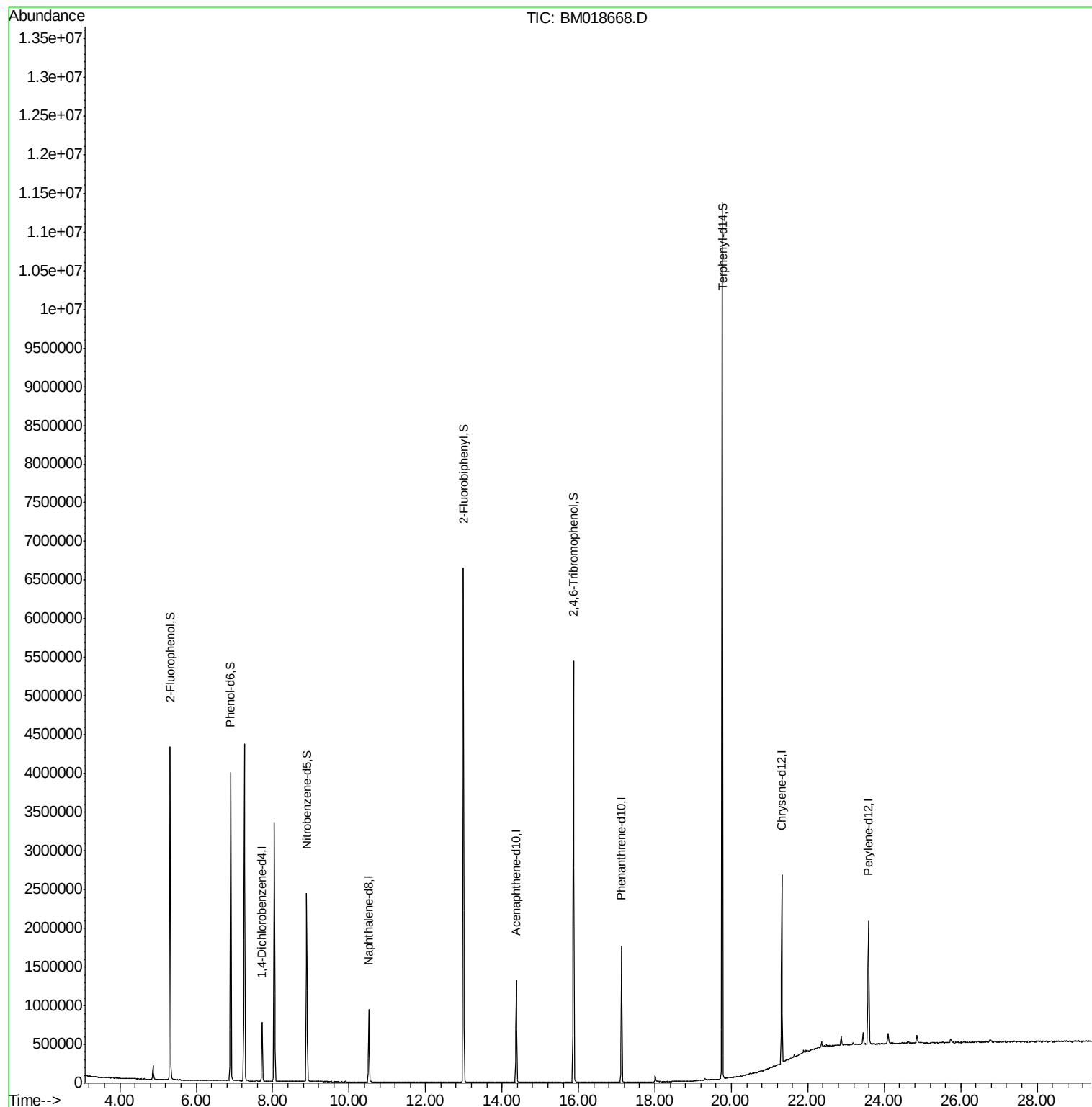
Target Compounds Qvalue

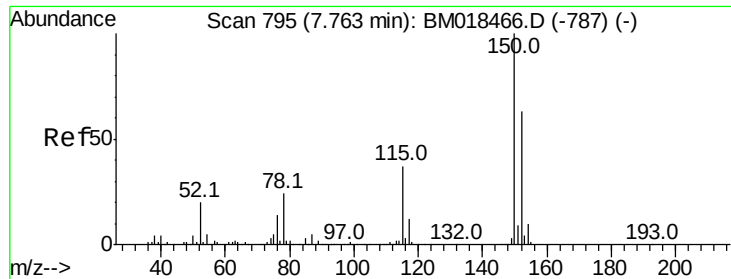
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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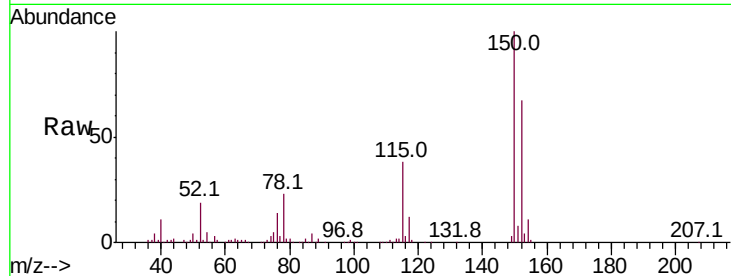


#1

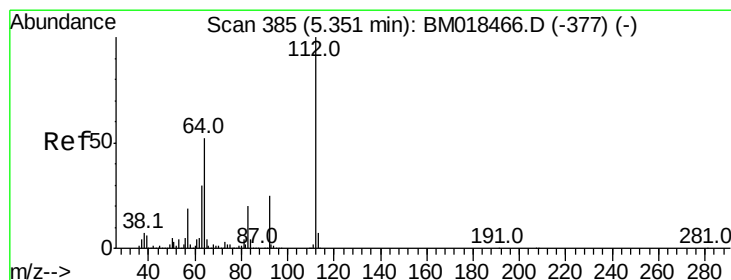
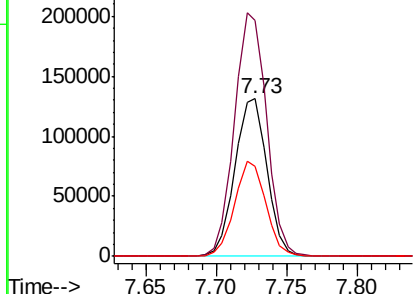
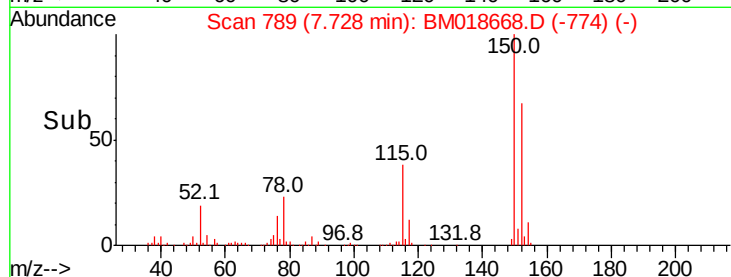
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM018668.D
Acq: 28 Jan 2019 17:32

Instrument :
BNA_M
ClientSampleId :
PB116655BL

Tot Ion:152 Resp: 208489
Ion Ratio Lower Upper
152 100
150 150.0 126.9 190.3
115 57.4 45.5 68.3



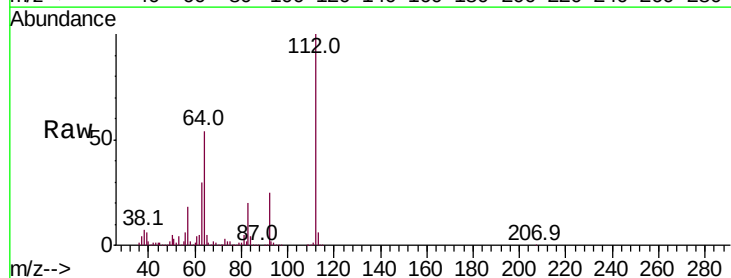
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



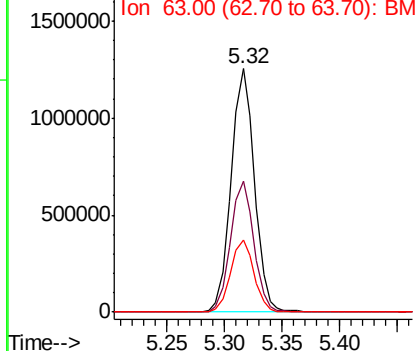
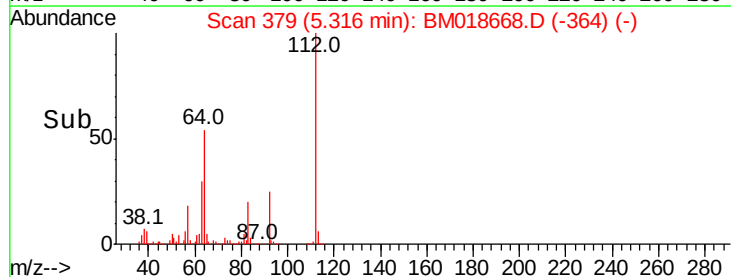
#5

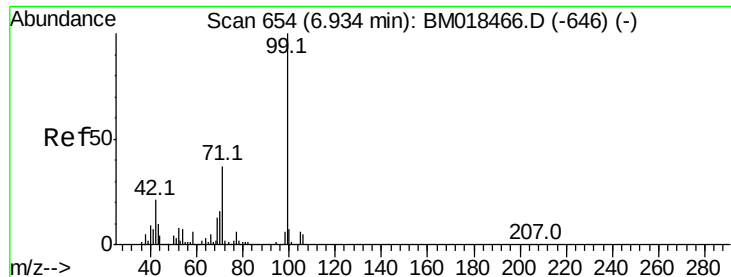
2-Fluorophenol
Concen: 155.451 ng
RT: 5.32 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018668.D
Acq: 28 Jan 2019 17:32

Tgt Ion:112 Resp: 1755213
Ion Ratio Lower Upper
112 100
64 53.9 46.5 69.7
63 29.6 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: 155.213 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018668.D

Acq: 28 Jan 2019 17:32

Instrument :

BNA_M

ClientSampleId :

PB116655BL

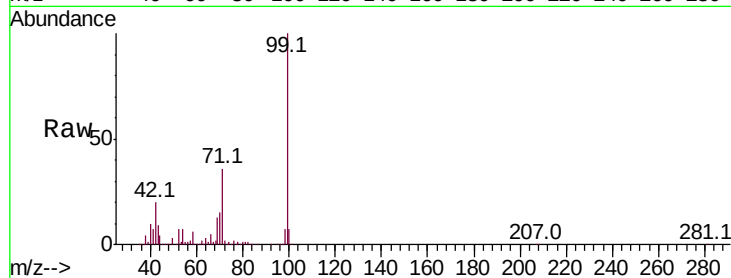
Tot Ion: 99 Resp: 2225914

Ion Ratio Lower Upper

99 100

42 20.3 17.3 25.9

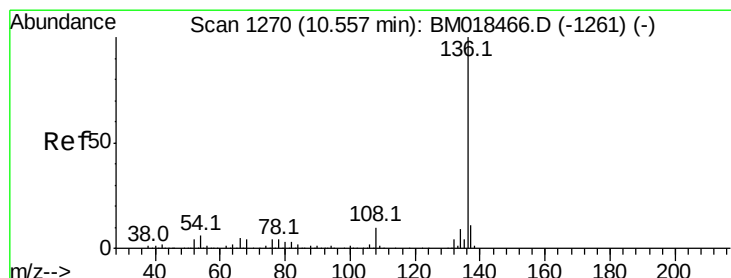
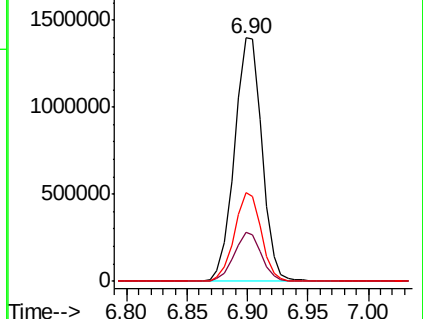
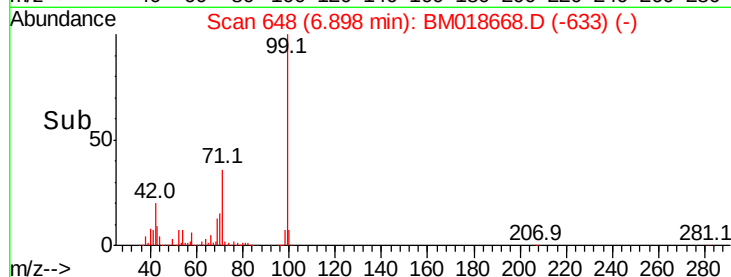
71 36.3 28.0 42.0



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: 10.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BM018668.D

Acq: 28 Jan 2019 17:32

Tgt Ion: 136 Resp: 799658

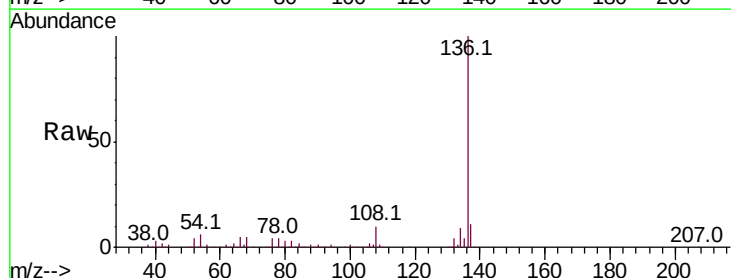
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.5 6.0 9.0

68 4.6 4.5 6.7

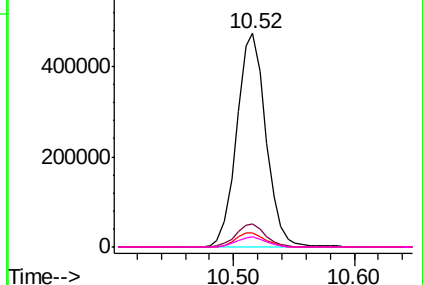
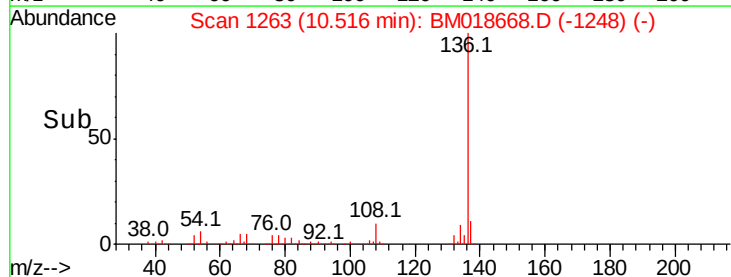


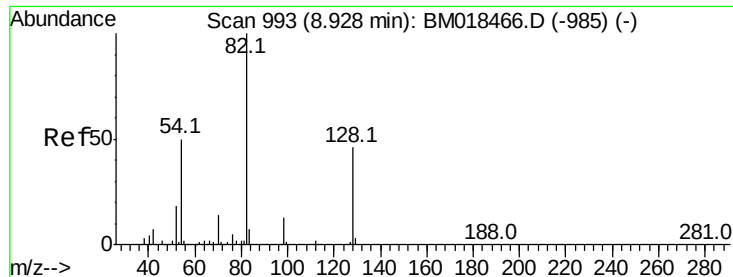
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

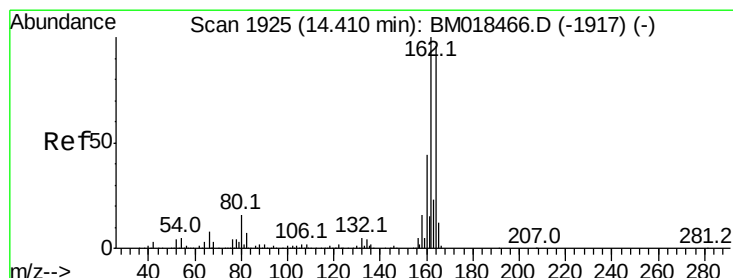
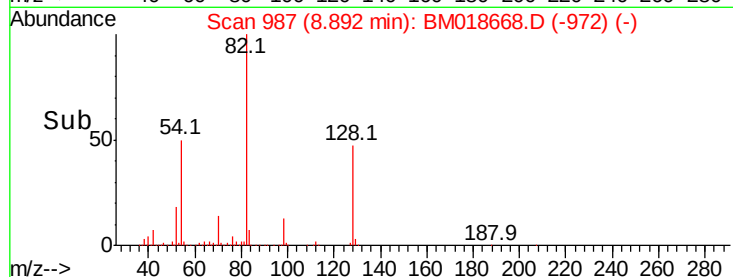
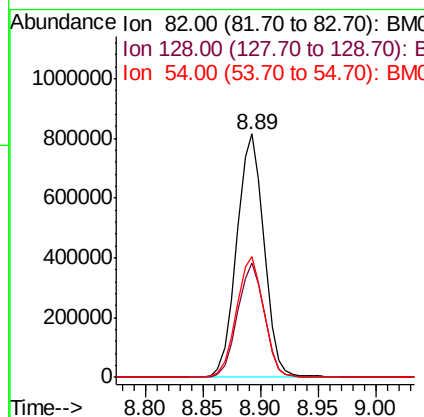
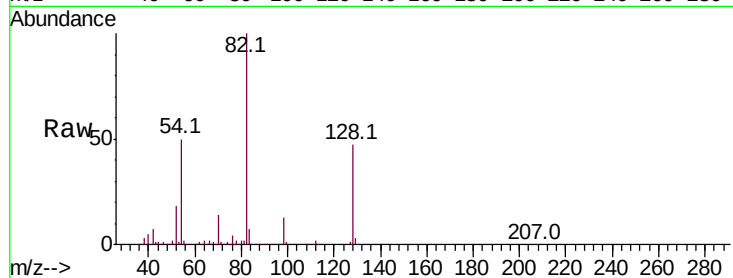




#23
Nitrobenzene-d5
Concen: 96.888 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018668.D
Acq: 28 Jan 2019 17:32

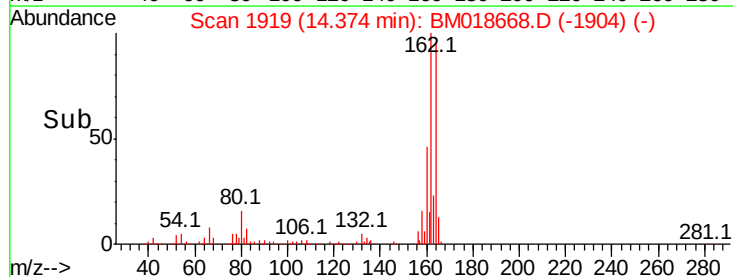
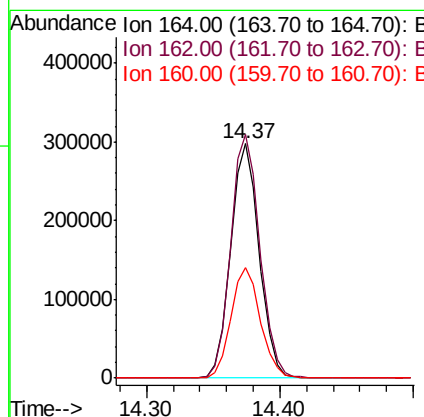
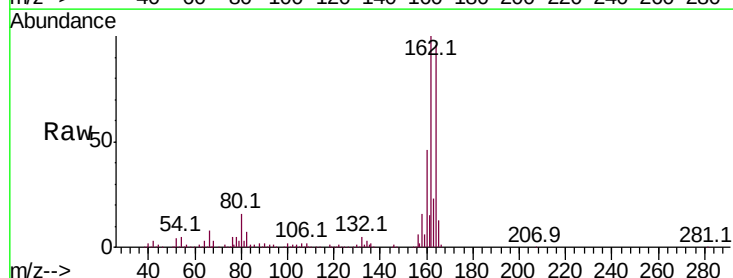
Instrument :
BNA_M
ClientSampleId :
PB116655BL

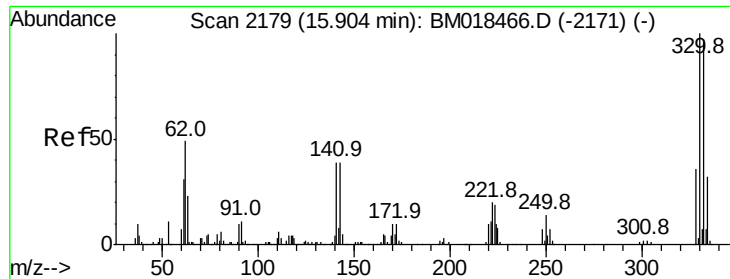
Tot Ion: 82 Resp: 1336489
Ion Ratio Lower Upper
82 100
128 47.1 36.3 54.5
54 49.9 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018668.D
Acq: 28 Jan 2019 17:32

Tgt Ion: 164 Resp: 443338
Ion Ratio Lower Upper
164 100
162 103.9 83.0 124.4
160 47.4 37.1 55.7

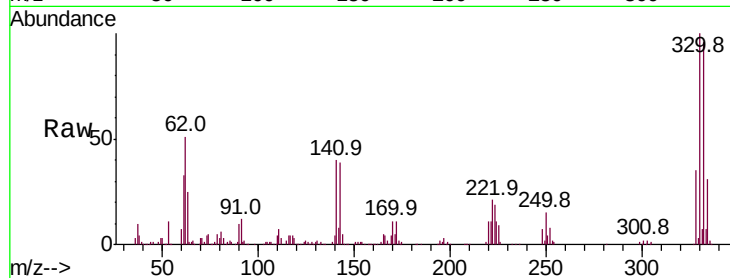




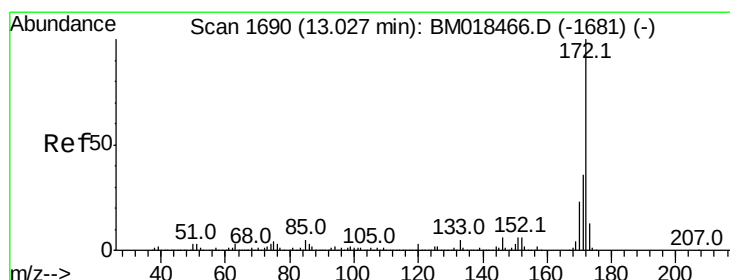
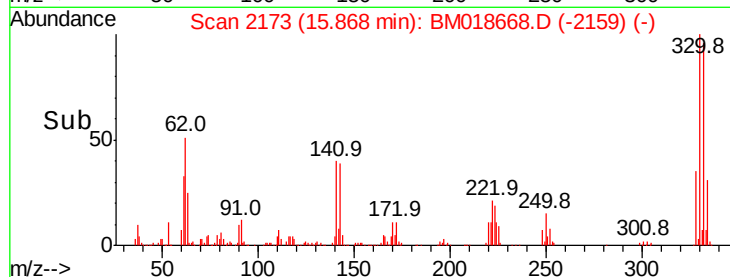
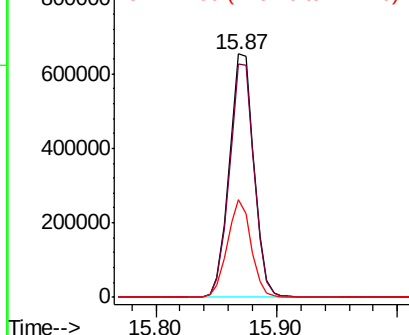
#42
 2,4,6-Tribromophenol
 Concen: 164.771 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM018668.D
 Acq: 28 Jan 2019 17:32

Instrument :
 BNA_M
 ClientSampleId :
 PB116655BL

Tot Ion:330 Resp: 930121
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.6 116.4
 141 38.7 31.7 47.5

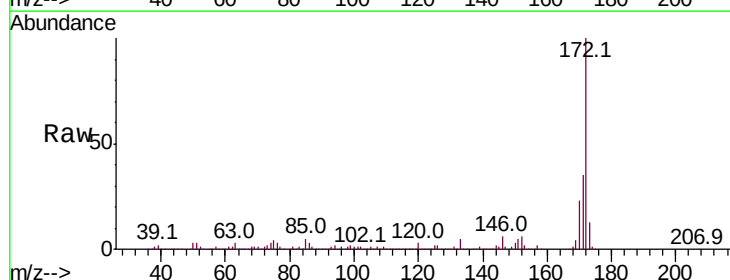


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

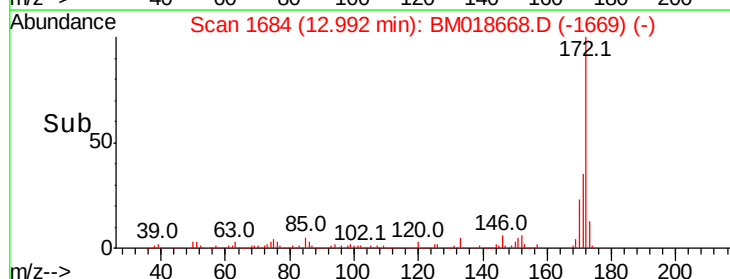
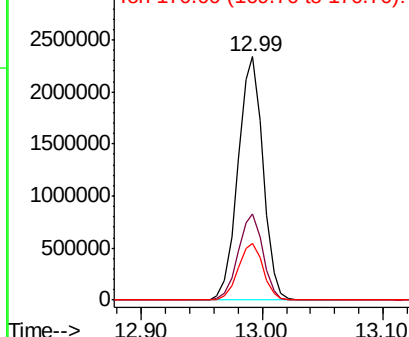


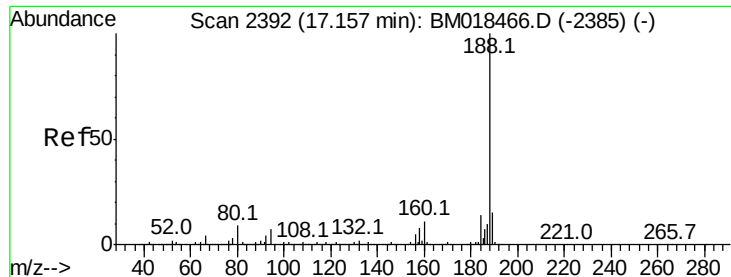
#45
 2-Fluorobiphenyl
 Concen: 99.721 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM018668.D
 Acq: 28 Jan 2019 17:32

Tgt Ion:172 Resp: 3388092
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.4
 170 23.3 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: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM018668.D

Acq: 28 Jan 2019 17:32

Instrument :

BNA_M

ClientSampleId :

PB116655BL

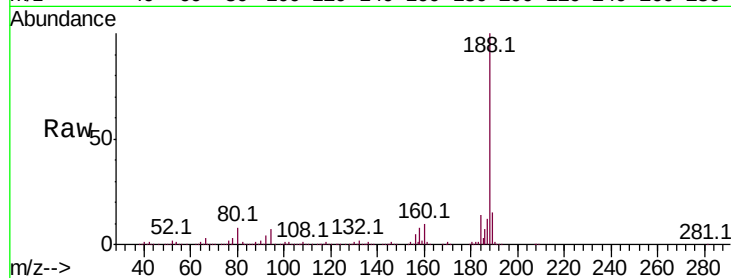
Tot Ion:188 Resp: 1027000

Ion Ratio Lower Upper

188 100

94 7.2 7.1 10.7

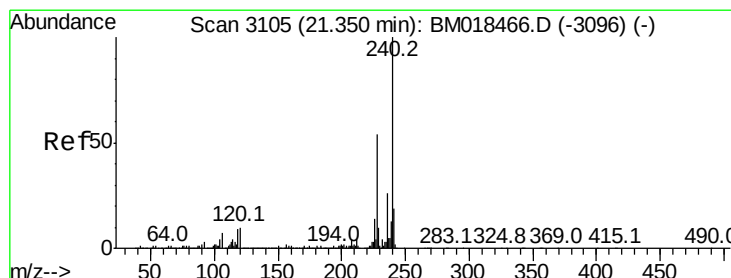
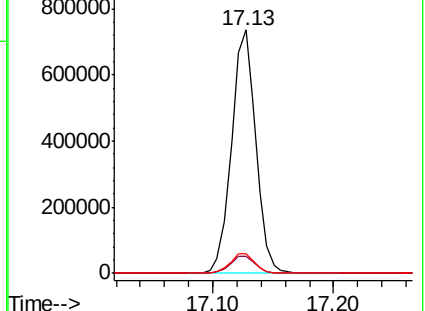
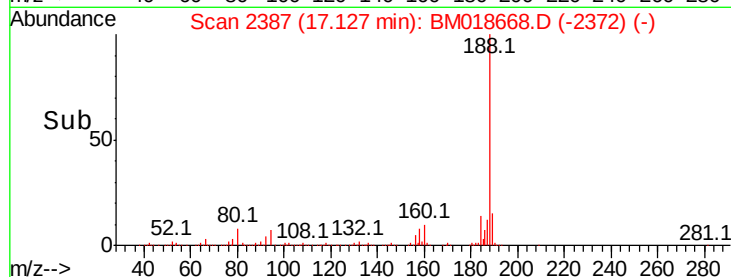
80 8.0 7.6 11.4



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: 21.32 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018668.D

Acq: 28 Jan 2019 17:32

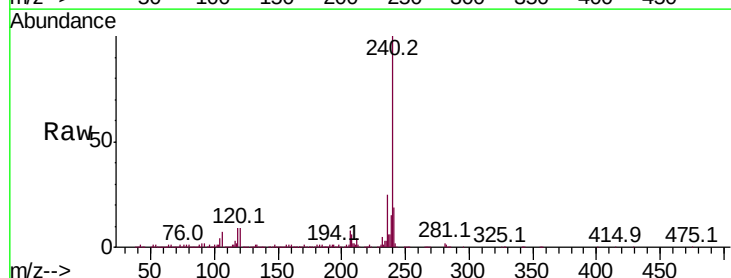
Tgt Ion:240 Resp: 1085754

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

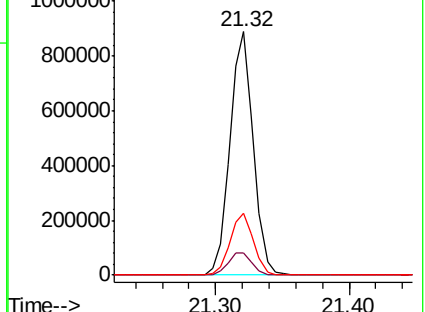
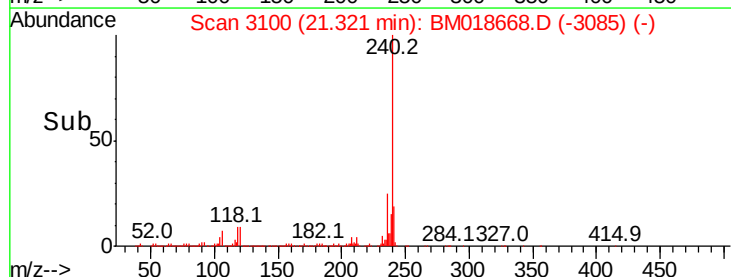
236 25.4 20.7 31.1

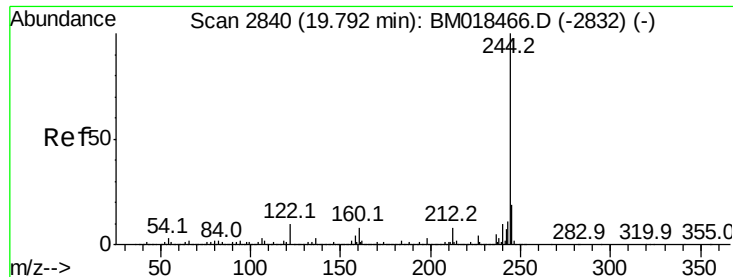


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.532 ng

RT: 19.76 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018668.D

Acq: 28 Jan 2019 17:32

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ClientSampleId :

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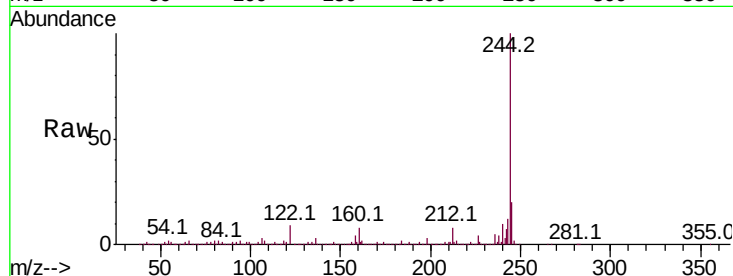
Tot Ion:244 Resp: 5280946

Ion Ratio Lower Upper

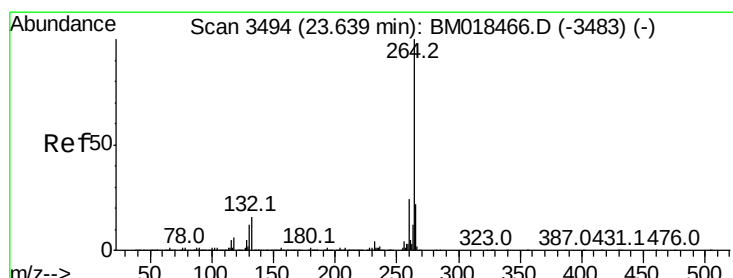
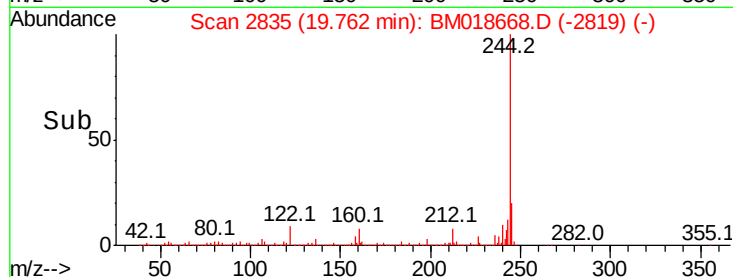
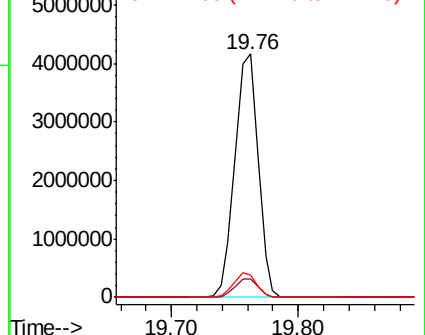
244 100

212 7.6 5.9 8.9

122 9.3 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: 23.59 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BM018668.D

Acq: 28 Jan 2019 17:32

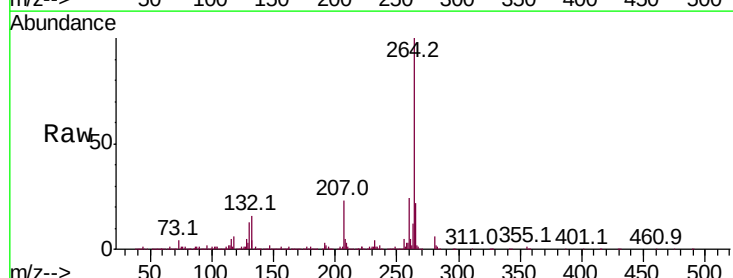
Tgt Ion:264 Resp: 1117408

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 21.6 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

