

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\
 Data File : BM016651.D
 Acq On : 04 Sep 2018 18:06
 Operator : SJ/JU
 Sample : PB112568BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112568BL

Quant Time: Sep 05 07:01:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	63483	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	198318	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	126484	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	373464	20.00	ng	0.00
75) Chrysene-d12	21.53	240	443675	20.00	ng	0.00
86) Perylene-d12	23.81	264	568923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	402162	124.14	ng	0.00
7) Phenol-d6	7.17	99	473823	110.53	ng	0.00
23) Nitrobenzene-d5	9.19	82	415974	95.77	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	399901	113.10	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1173775	89.20	ng	-0.01
78) Terphenyl-d14	19.97	244	2330642	111.18	ng	-0.01

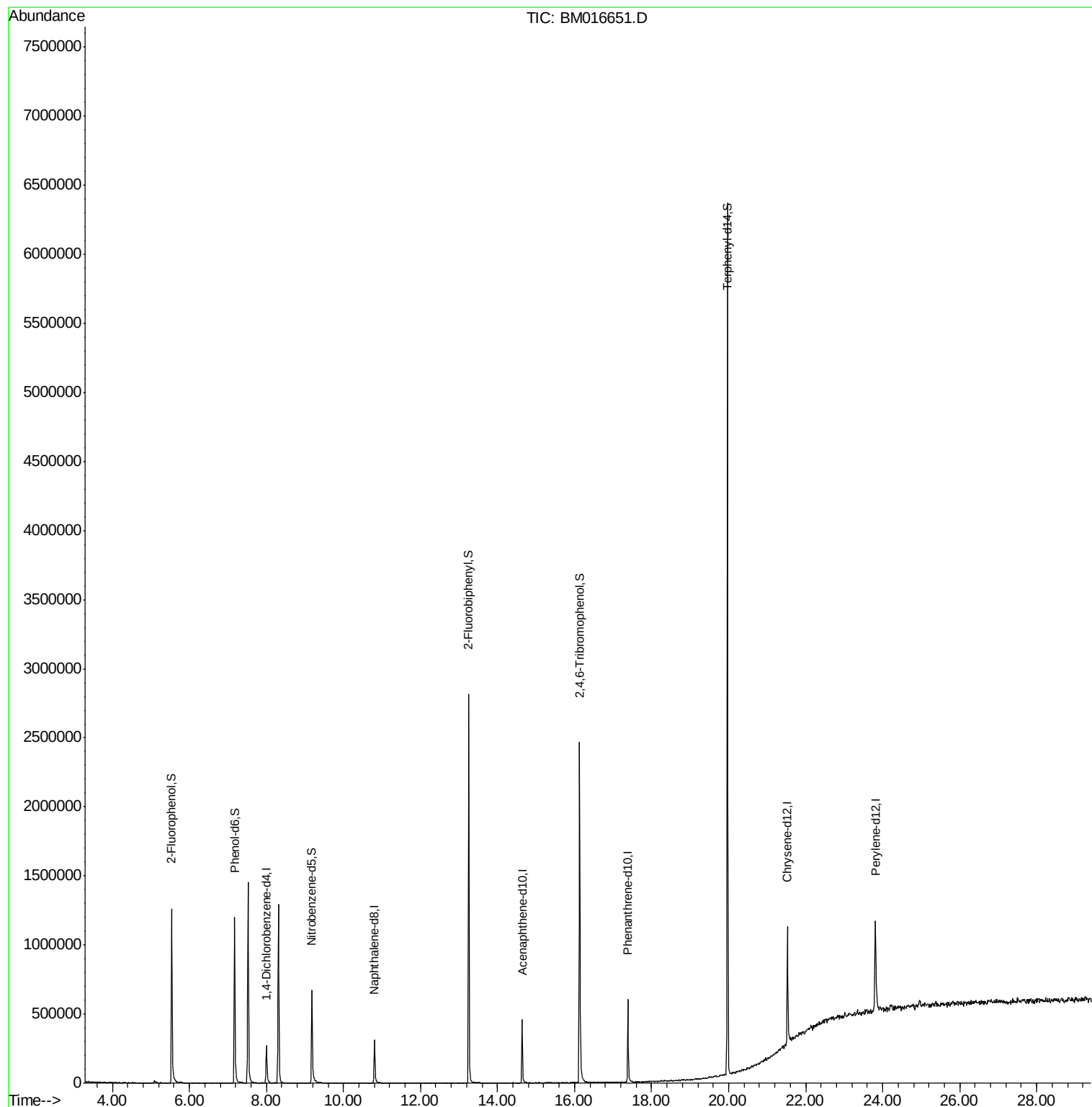
Target Compounds Qvalue

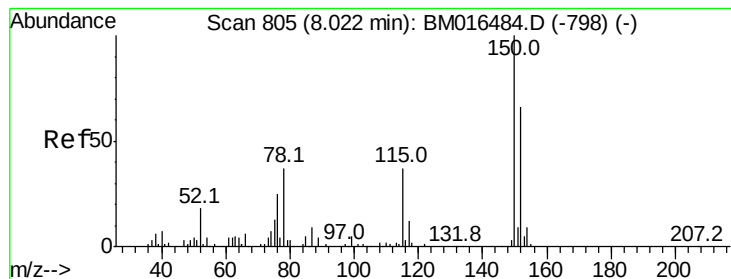
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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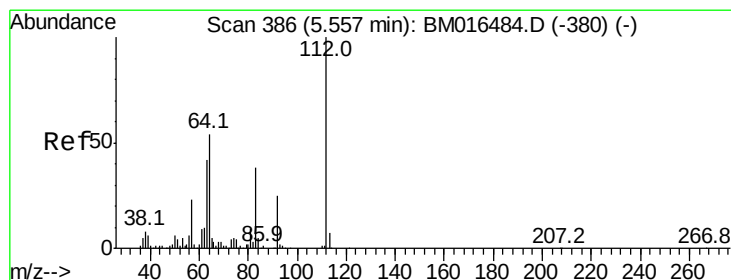
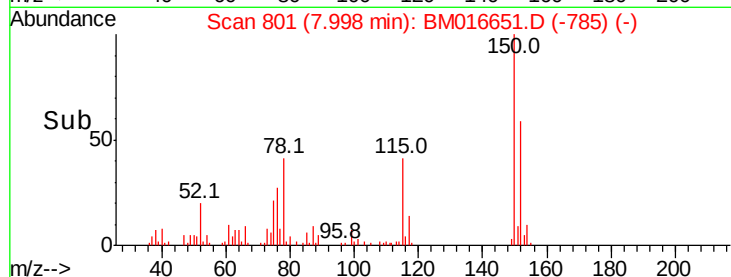
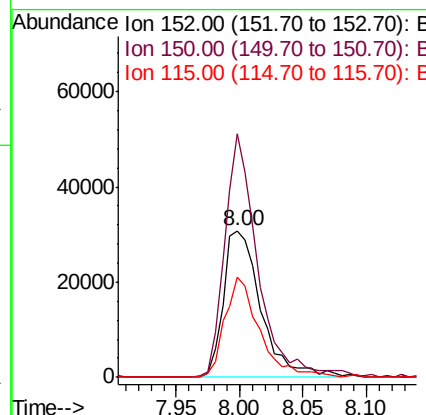
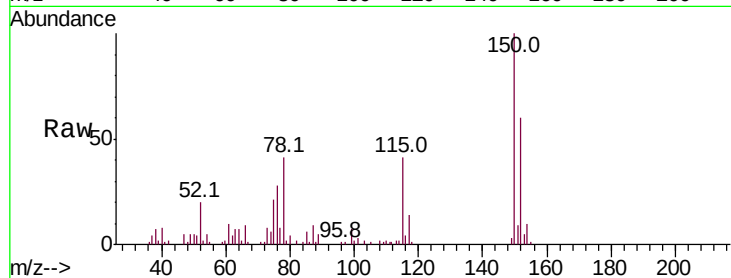




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BM016651.D
 Acq: 04 Sep 2018 18:06

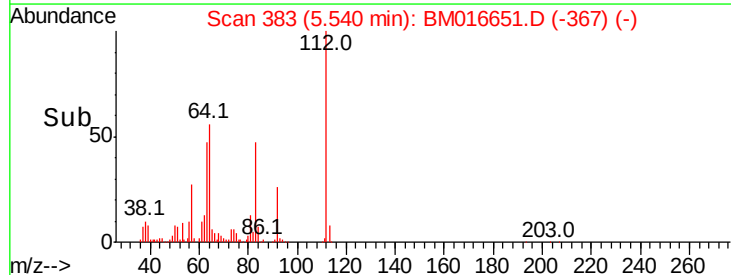
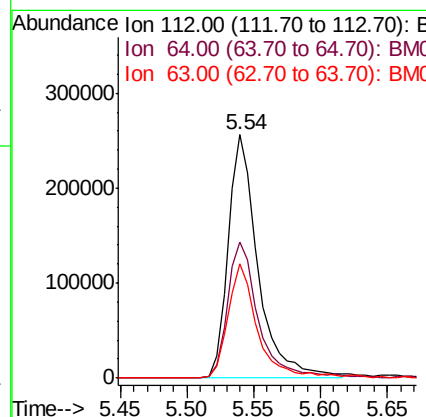
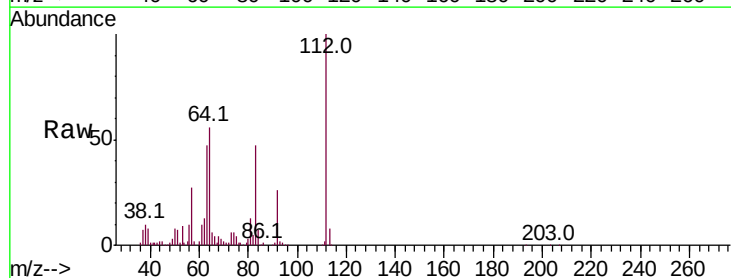
Instrument :
 BNA_M
 ClientSampleId :
 PB112568BL

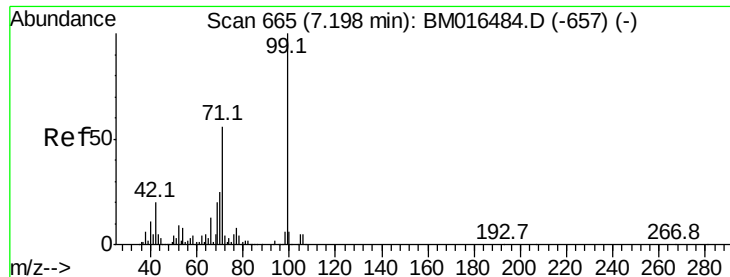
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.3	119.5	179.3
115	68.1	43.0	64.4



#5
 2-Fluorophenol
 Concen: 124.139 ng
 RT: 5.54 min Scan# 383
 Delta R.T. -0.01 min
 Lab File: BM016651.D
 Acq: 04 Sep 2018 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	38.6	57.8
63	47.1	19.3	28.9





#7

Phenol-d6

Concen: 110.528 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM016651.D

Acq: 04 Sep 2018 18:06

Instrument :

BNA_M

ClientSampleId :

PB112568BL

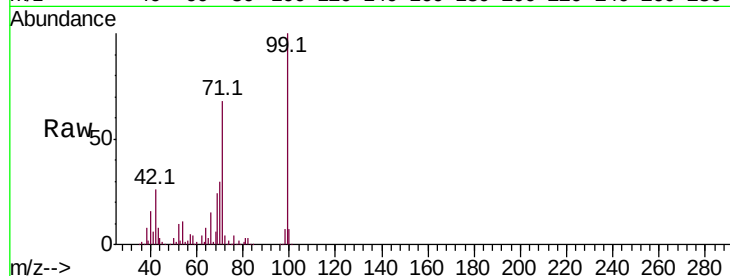
Tot Ion: 99 Resp: 473823

Ion Ratio Lower Upper

99 100

42 26.4 11.0 16.4#

71 68.5 23.4 35.2#

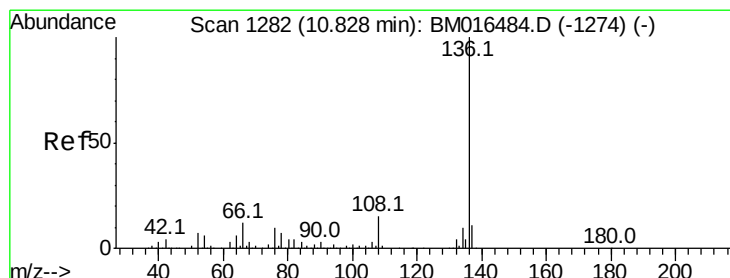
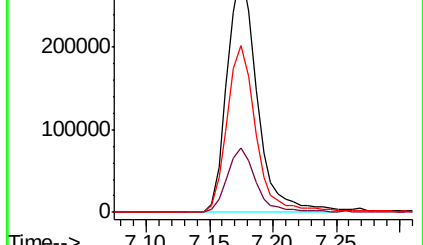
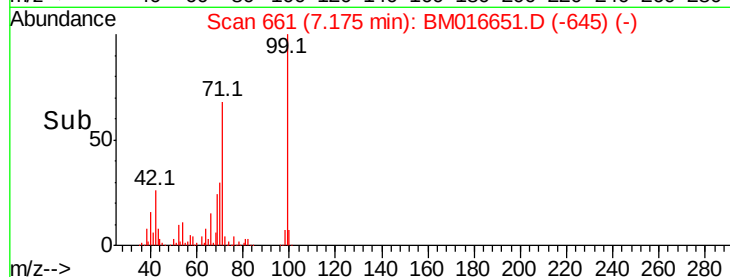


Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM016651.D

Acq: 04 Sep 2018 18:06

Tgt Ion: 136 Resp: 198318

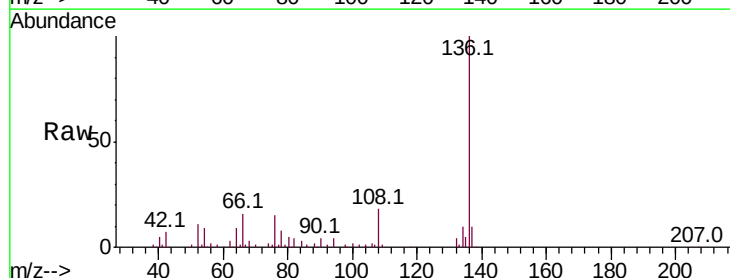
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 8.9 4.6 6.8#

68 2.5 3.7 5.5#



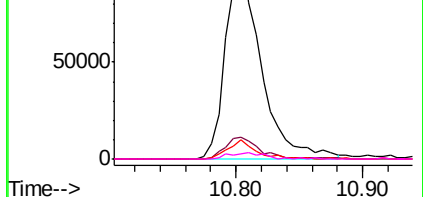
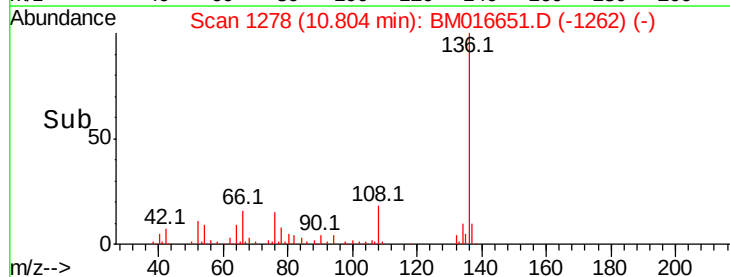
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

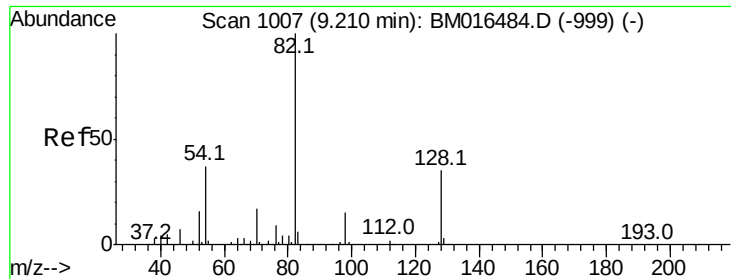
Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016484.D (-1274) (-)

Time-->

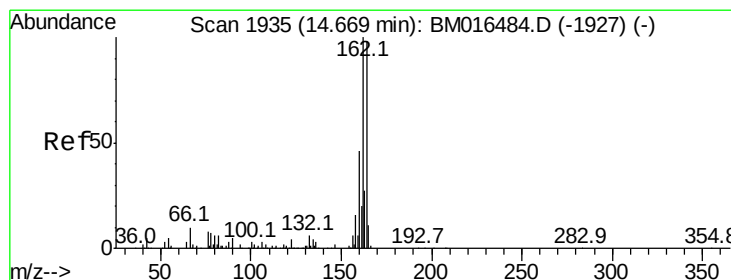
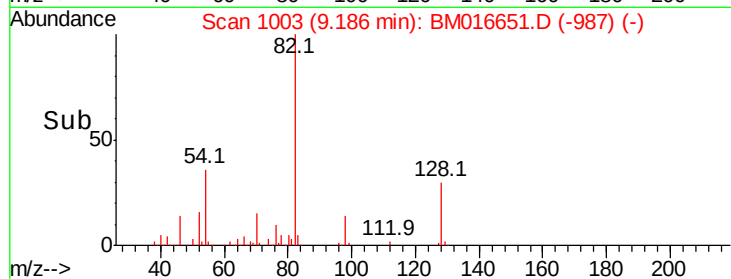
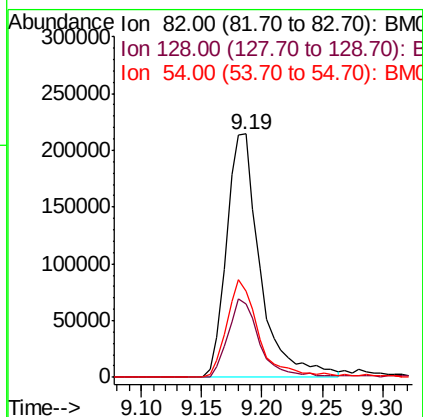
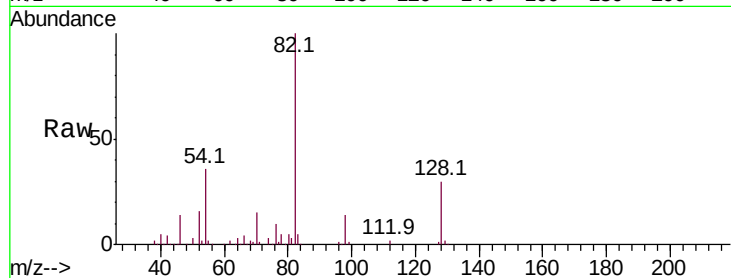




#23
 Nitrobenzene-d5
 Concen: 95.770 ng
 RT: 9.19 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BM016651.D
 Acq: 04 Sep 2018 18:06

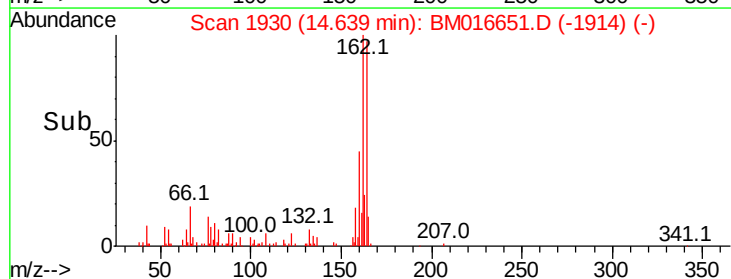
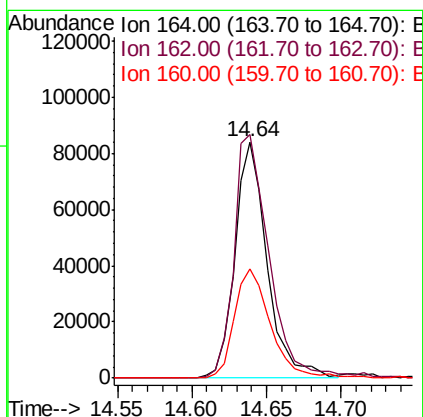
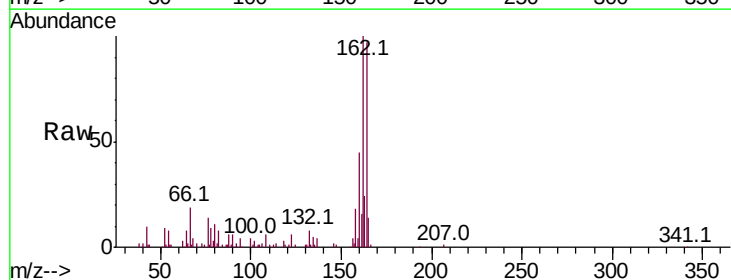
Instrument :
 BNA_M
 ClientSampleId :
 PB112568BL

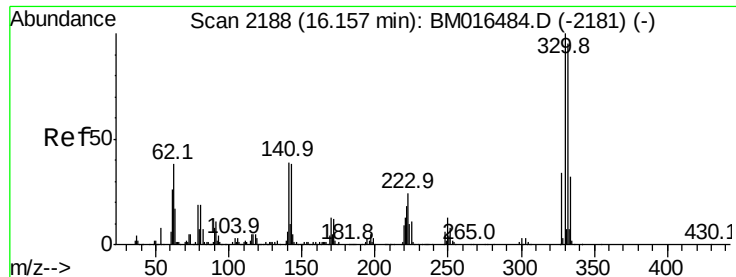
Tot Ion: 82 Resp: 415974
 Ion Ratio Lower Upper
 82 100
 128 30.3 32.8 49.2#
 54 35.6 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BM016651.D
 Acq: 04 Sep 2018 18:06

Tgt Ion: 164 Resp: 126484
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.4 123.6
 160 46.5 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 113.102 ng

RT: 16.13 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BM016651.D

Acq: 04 Sep 2018 18:06

Instrument :

BNA_M

ClientSampleId :

PB112568BL

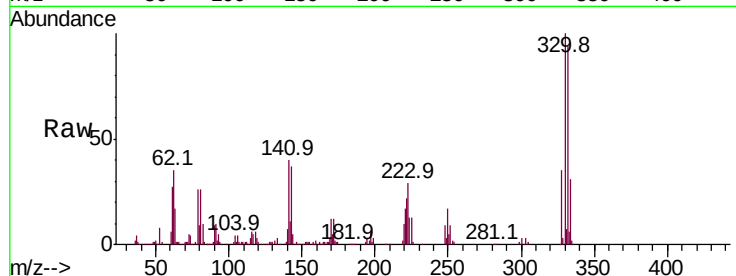
Tot Ion:330 Resp: 399901

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

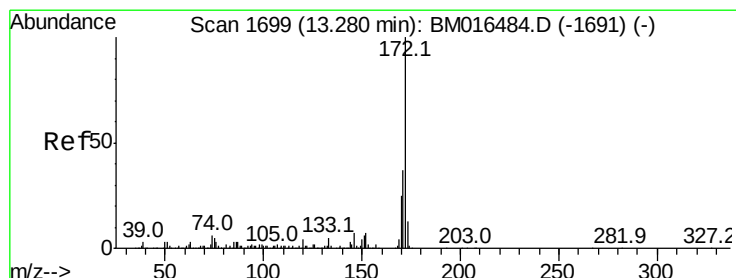
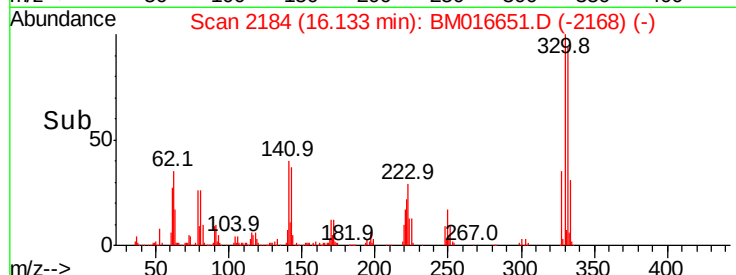
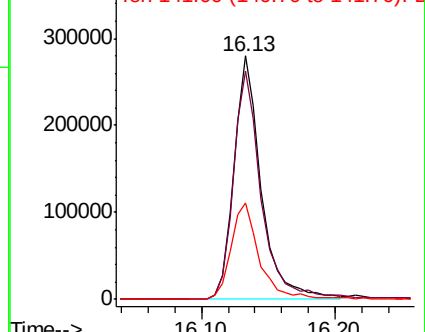
141 41.1 0.0 0.0#



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



#44

2-Fluorobiphenyl

Concen: 89.202 ng

RT: 13.25 min Scan# 1694

Delta R.T. -0.01 min

Lab File: BM016651.D

Acq: 04 Sep 2018 18:06

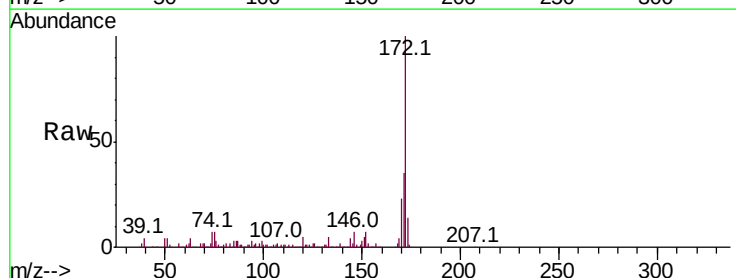
Tgt Ion:172 Resp: 1173775

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

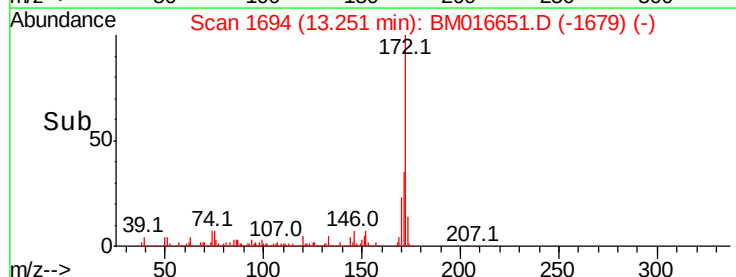
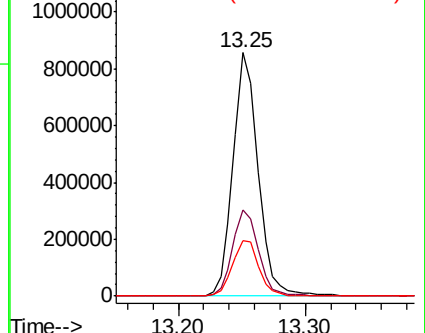
170 22.9 18.8 28.2

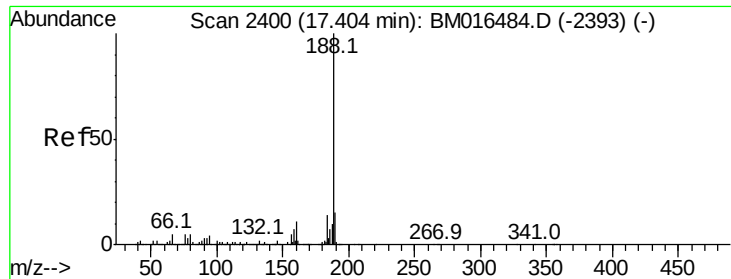


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM016651.D

Acq: 04 Sep 2018 18:06

Instrument :

BNA_M

ClientSampleId :

PB112568BL

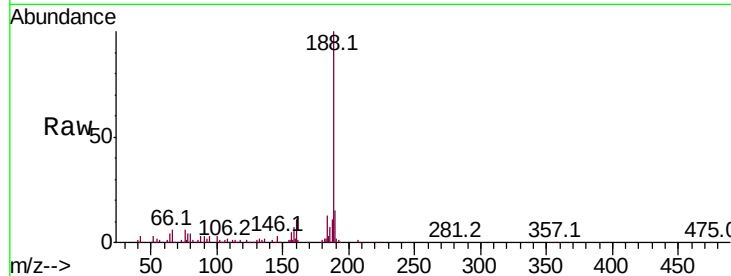
Tot Ion:188 Resp: 373464

Ion Ratio Lower Upper

188 100

94 2.9 8.7 13.1#

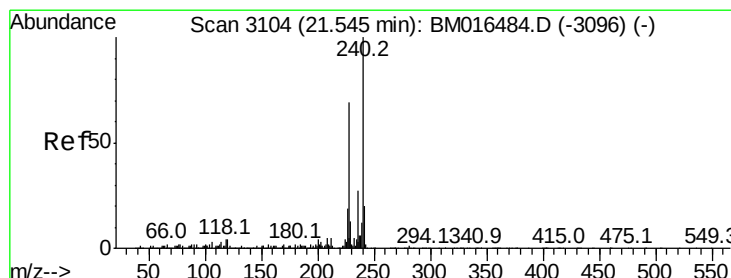
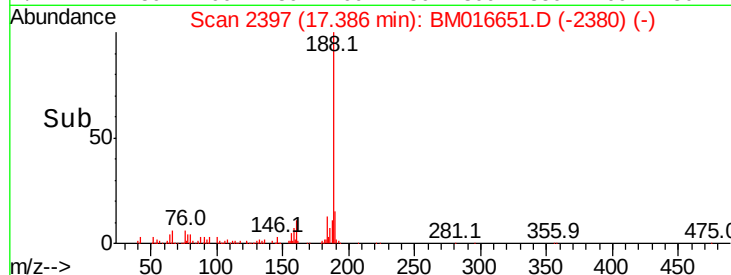
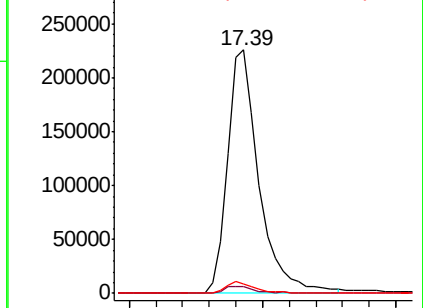
80 4.0 9.3 13.9#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM016651.D

Acq: 04 Sep 2018 18:06

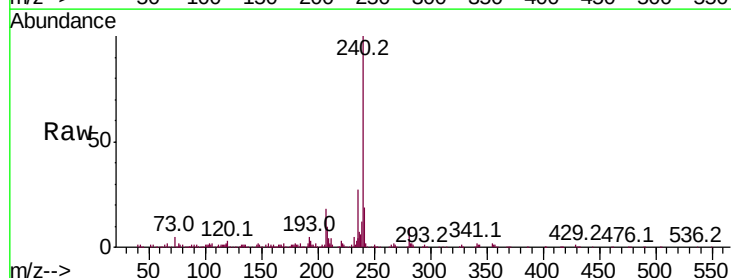
Tgt Ion:240 Resp: 443675

Ion Ratio Lower Upper

240 100

120 3.0 8.2 12.2#

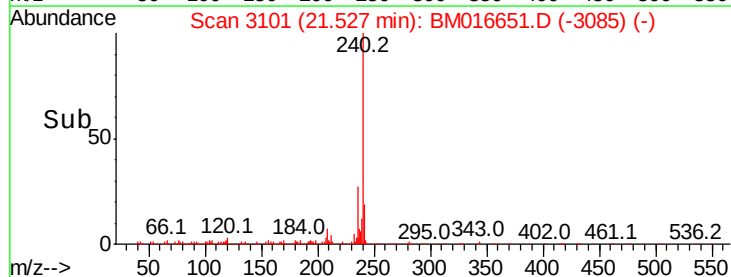
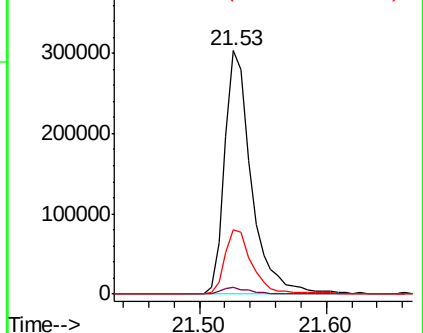
236 26.7 20.0 30.0

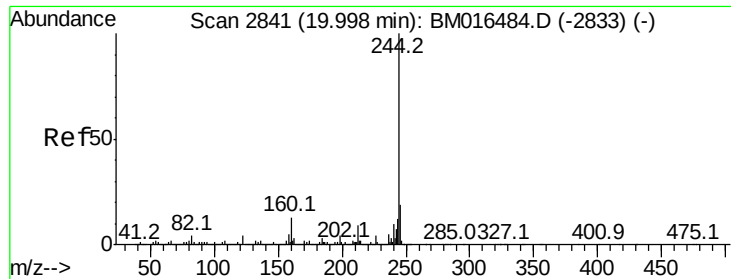


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 111.184 ng

RT: 19.97 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM016651.D

Acq: 04 Sep 2018 18:06

Instrument :

BNA_M

ClientSampleId :

PB112568BL

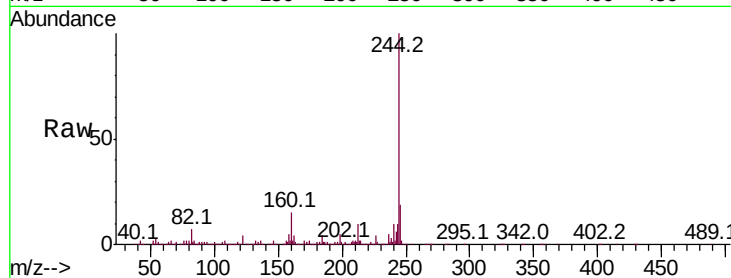
Tot Ion:244 Resp: 2330642

Ion Ratio Lower Upper

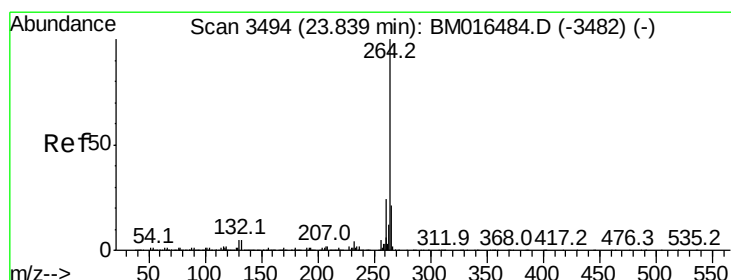
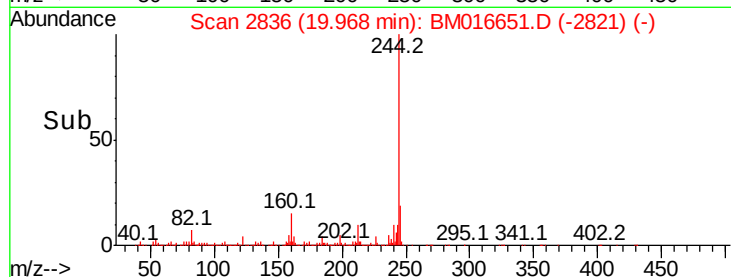
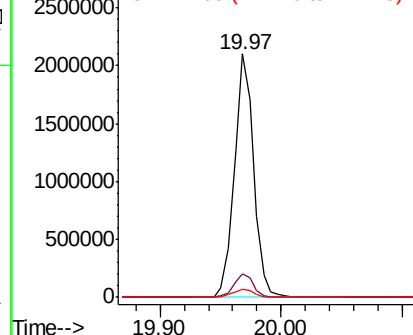
244 100

212 9.7 4.9 7.3#

122 3.5 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.81 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM016651.D

Acq: 04 Sep 2018 18:06

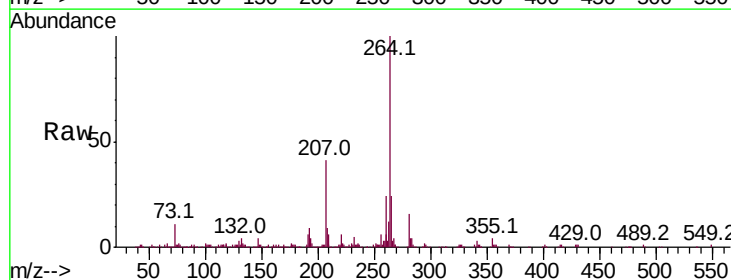
Tgt Ion:264 Resp: 568923

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 23.6 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

