

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\
 Data File : BM016645.D
 Acq On : 04 Sep 2018 14:29
 Operator : SJ/JU
 Sample : PB112563BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112563BL

Quant Time: Sep 04 18:15:49 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	69572	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	217538	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	145661	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	428259	20.00	ng	0.00
75) Chrysene-d12	21.53	240	488133	20.00	ng	0.00
86) Perylene-d12	23.81	264	604748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	428275	120.63	ng	0.00
7) Phenol-d6	7.17	99	515052	109.63	ng	0.00
23) Nitrobenzene-d5	9.18	82	449572	94.36	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	451439	110.87	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1339020	88.36	ng	-0.01
78) Terphenyl-d14	19.97	244	2588470	112.24	ng	-0.01

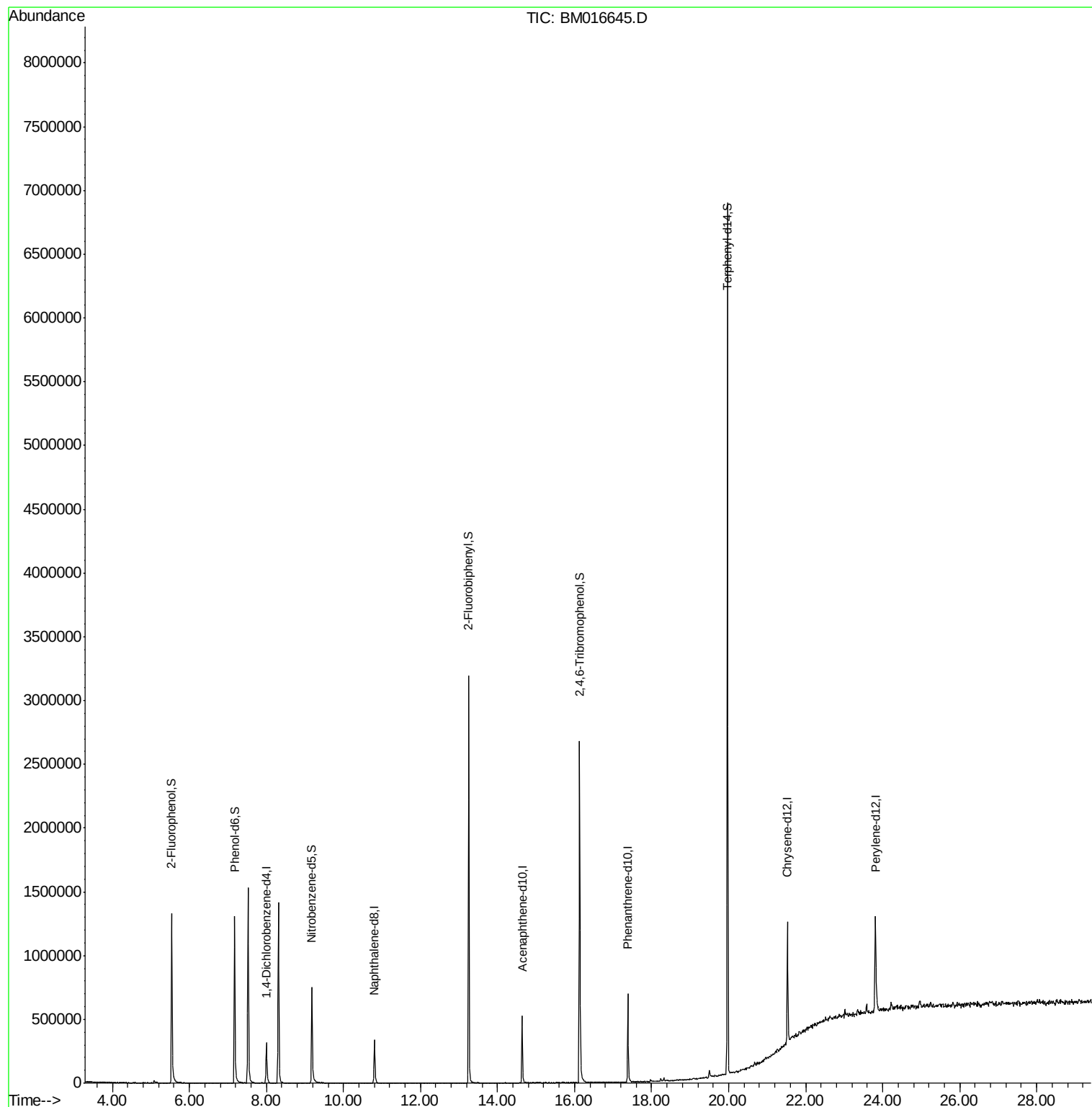
Target Compounds Qvalue

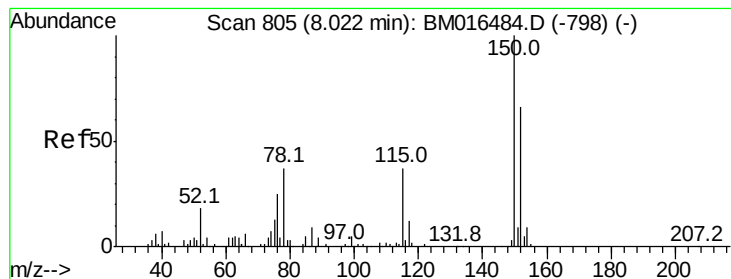
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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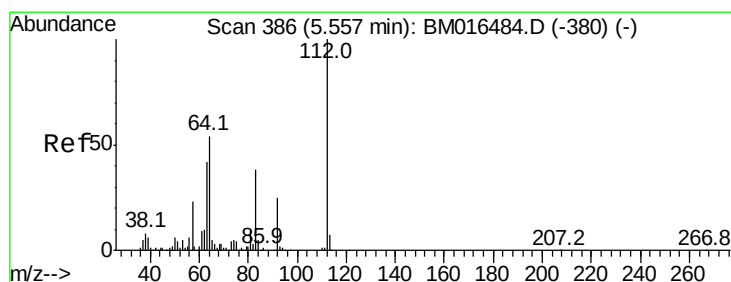
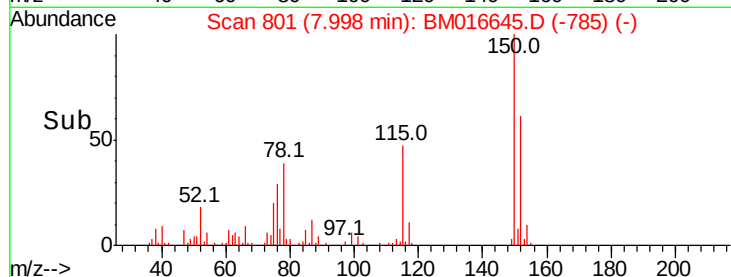
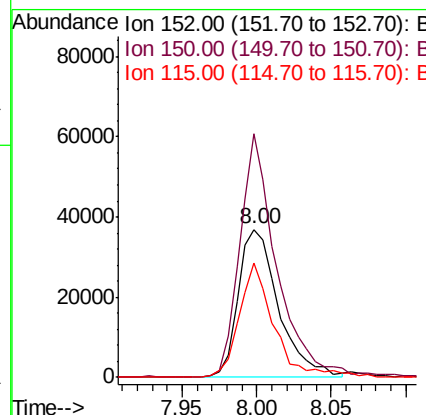
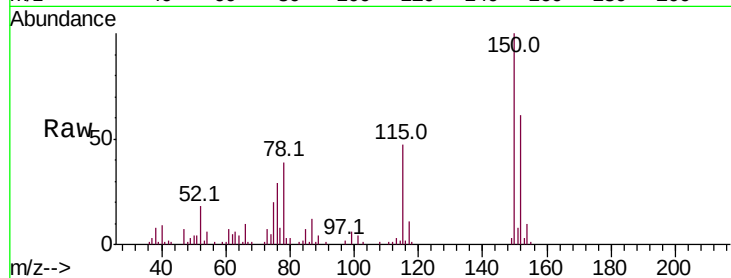


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM016645.D
Acq: 04 Sep 2018 14:29

Instrument :
BNA_M
ClientSampleId :
PB112563BL

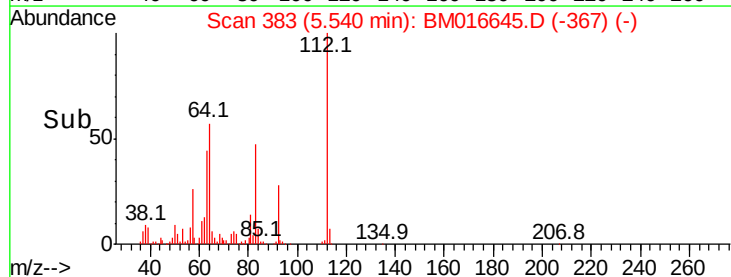
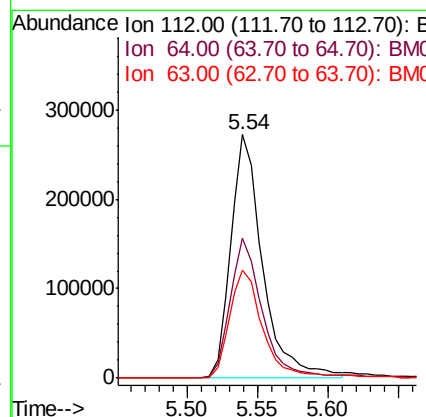
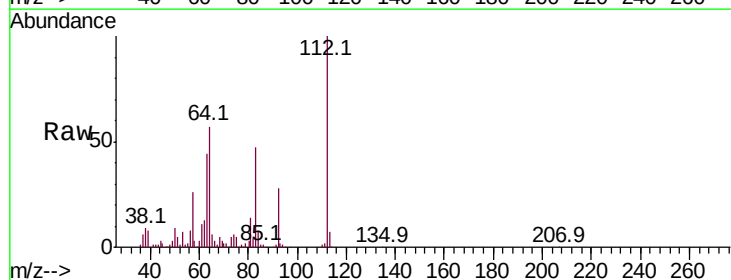
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.9	119.5	179.3
115	77.0	43.0	64.4

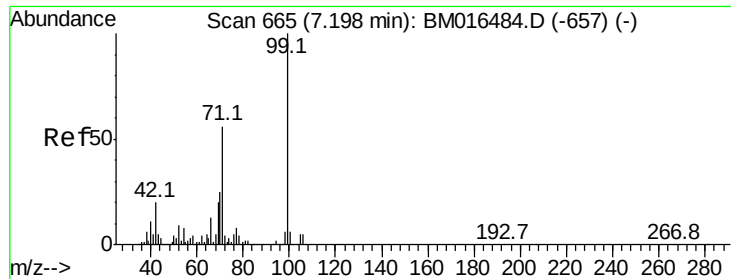


#5

2-Fluorophenol
Concen: 120.629 ng
RT: 5.54 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM016645.D
Acq: 04 Sep 2018 14:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	38.6	57.8
63	44.3	19.3	28.9





#7

Phenol-d6

Concen: 109.630 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM016645.D

Acq: 04 Sep 2018 14:29

Instrument :

BNA_M

ClientSampleId :

PB112563BL

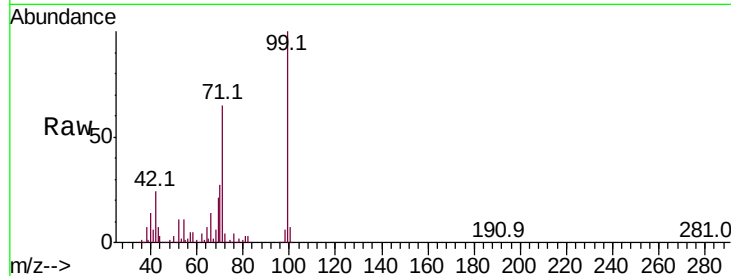
Tot Ion: 99 Resp: 515052

Ion Ratio Lower Upper

99 100

42 24.1 11.0 16.4#

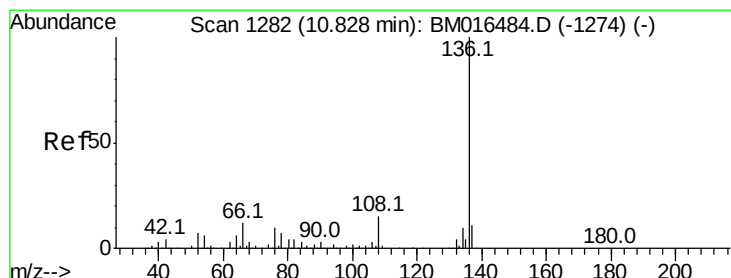
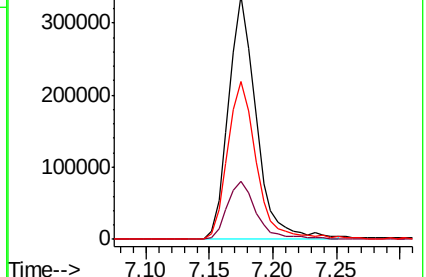
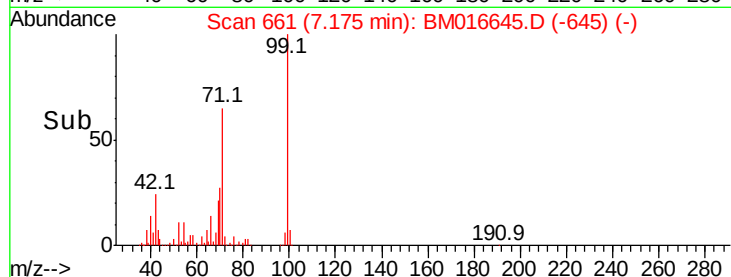
71 64.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016645.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016645.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016645.D (-645) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM016645.D

Acq: 04 Sep 2018 14:29

Tgt Ion: 136 Resp: 217538

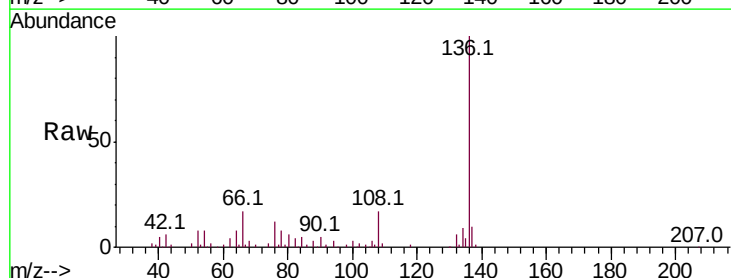
Ion Ratio Lower Upper

136 100

137 9.8 8.7 13.1

54 7.7 4.6 6.8#

68 3.3 3.7 5.5#

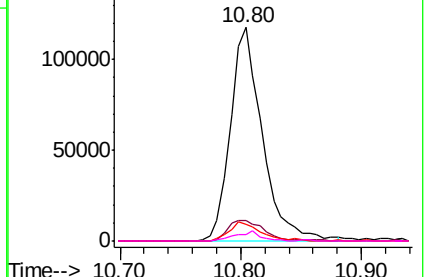
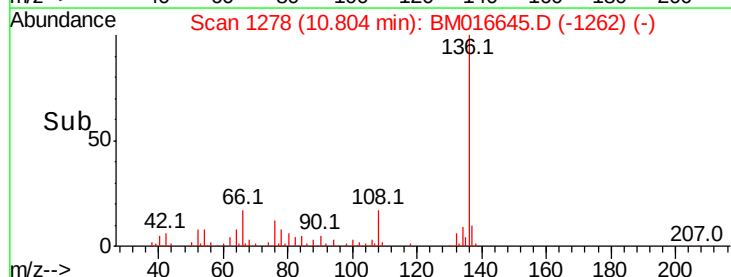


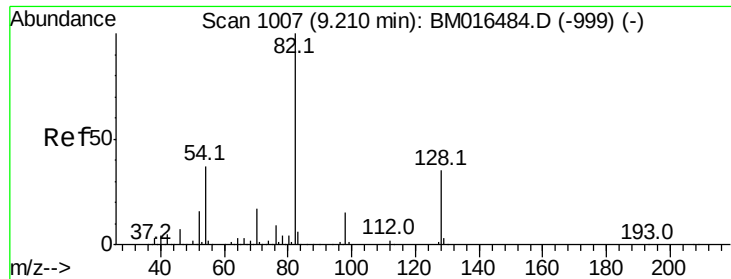
Abundance Ion 136.00 (135.70 to 136.70): BM016645.D (-1262) (-)

Ion 137.00 (136.70 to 137.70): BM016645.D (-1262) (-)

Ion 54.00 (53.70 to 54.70): BM016645.D (-1262) (-)

Ion 68.00 (67.70 to 68.70): BM016645.D (-1262) (-)

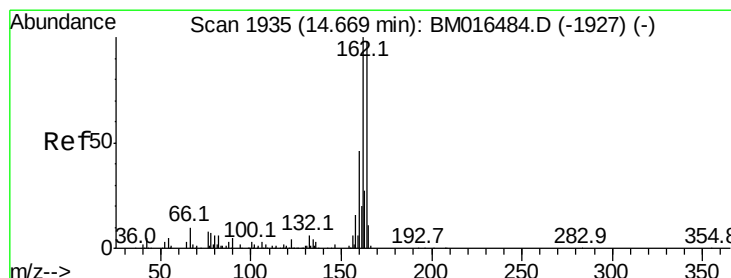
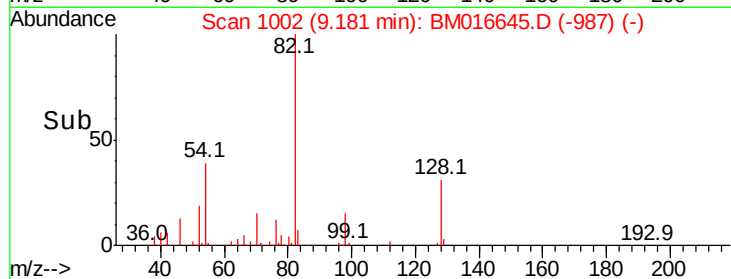
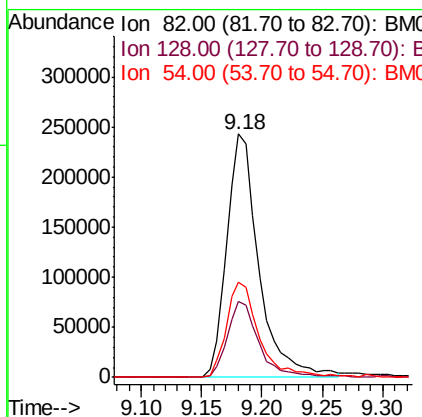
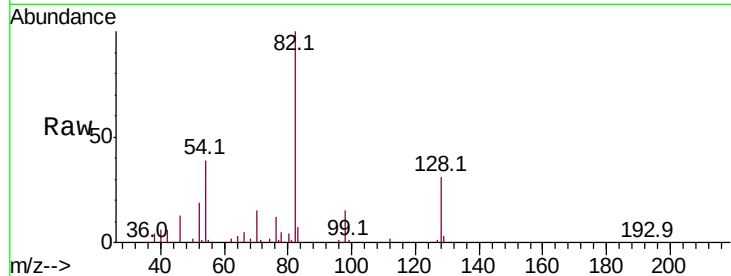




#23
 Nitrobenzene-d5
 Concen: 94.361 ng
 RT: 9.18 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BM016645.D
 Acq: 04 Sep 2018 14:29

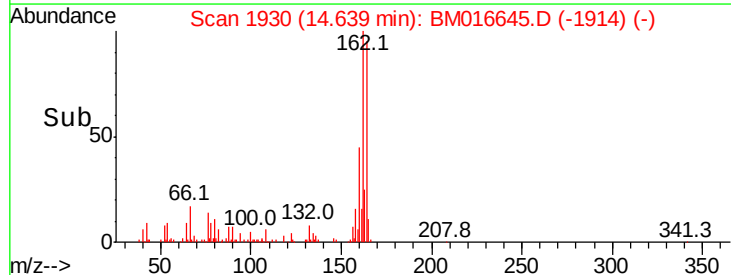
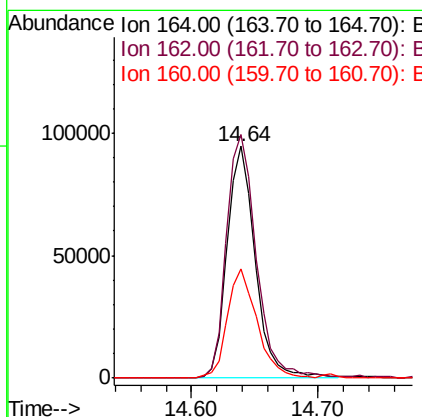
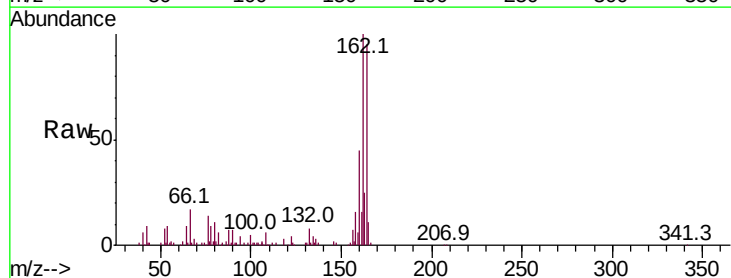
Instrument :
 BNA_M
 ClientSampleId :
 PB112563BL

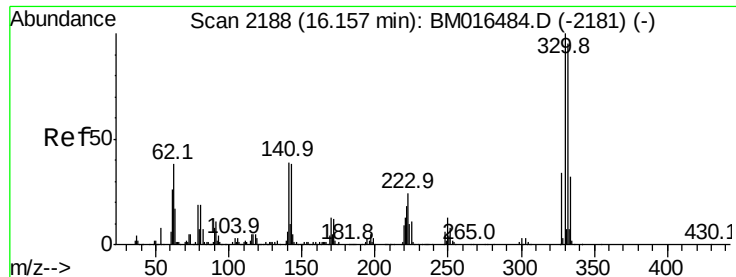
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.1	32.8	49.2#
54	39.1	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BM016645.D
 Acq: 04 Sep 2018 14:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.4	123.6
160	47.3	35.8	53.6

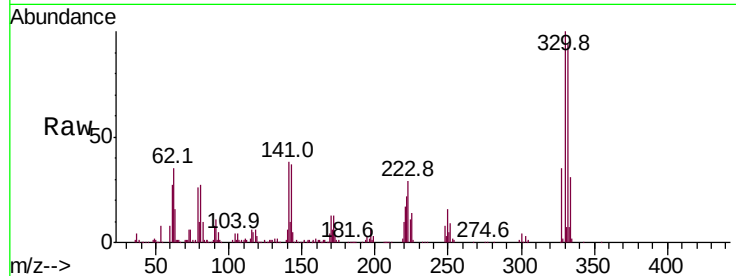




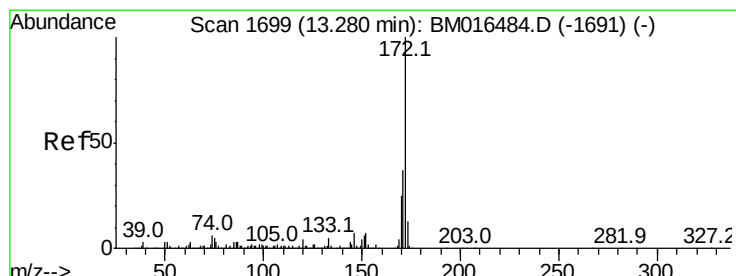
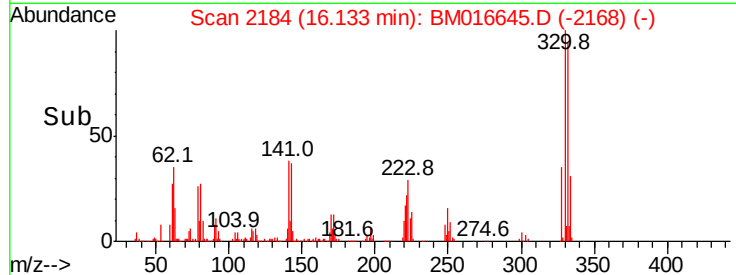
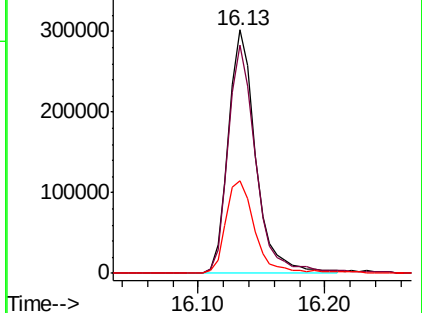
#41
 2,4,6-Tribromophenol
 Concen: 110.868 ng
 RT: 16.13 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM016645.D
 Acq: 04 Sep 2018 14:29

Instrument :
 BNA_M
 ClientSampleId :
 PB112563BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	0.0	0.0#
141	40.2	0.0	0.0#

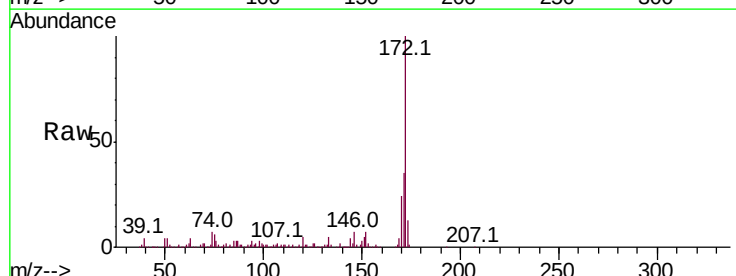


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

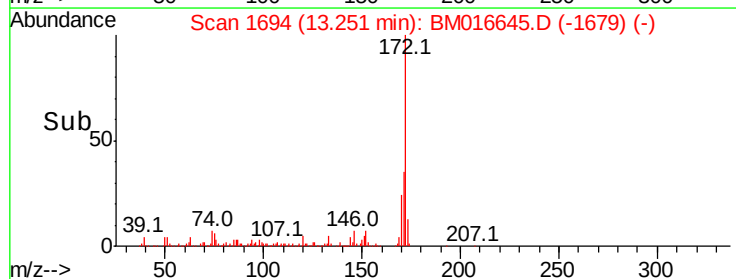
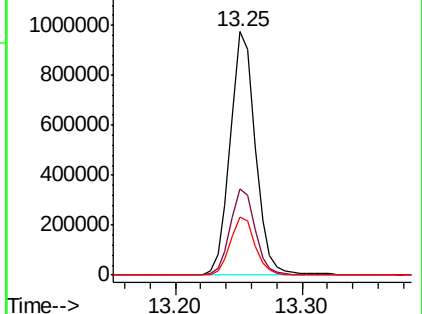


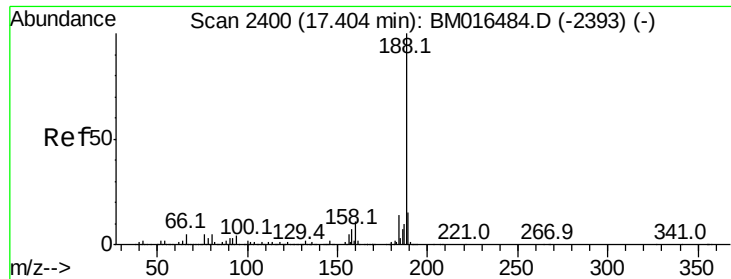
#44
 2-Fluorobiphenyl
 Concen: 88.363 ng
 RT: 13.25 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM016645.D
 Acq: 04 Sep 2018 14:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	24.0	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

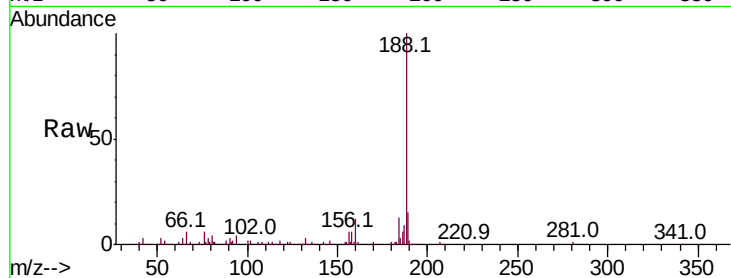




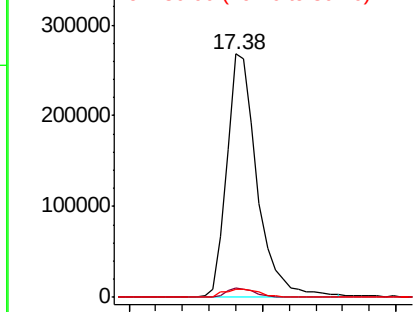
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM016645.D
Acq: 04 Sep 2018 14:29

Instrument :
BNA_M
ClientSampleId :
PB112563BL

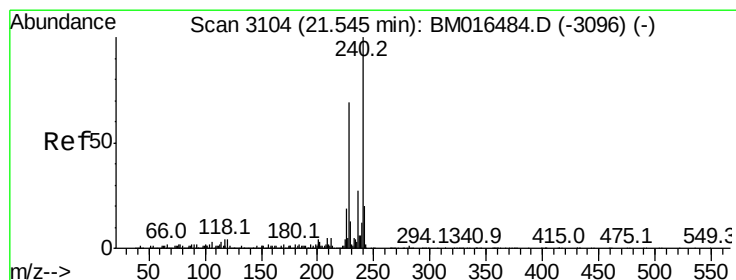
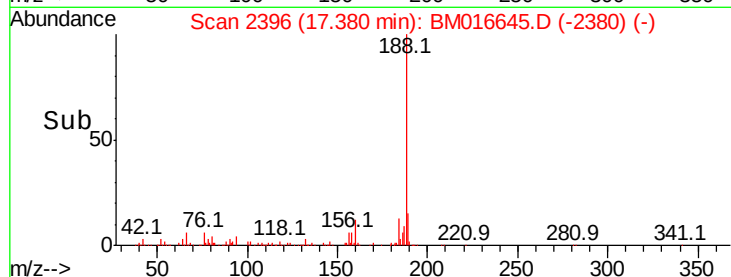
Tot Ion:188 Resp: 428259
Ion Ratio Lower Upper
188 100
94 3.8 8.7 13.1#
80 3.5 9.3 13.9#



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

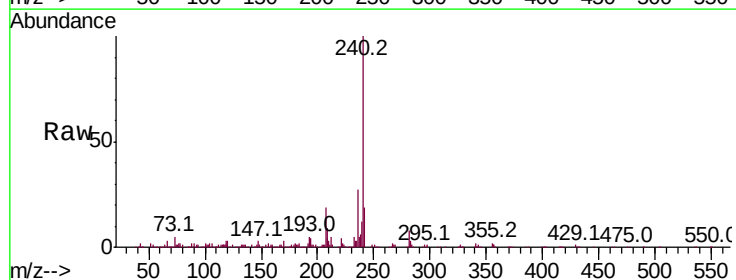


Time--> 17.30 17.40

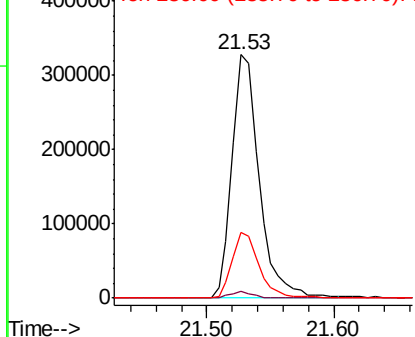


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM016645.D
Acq: 04 Sep 2018 14:29

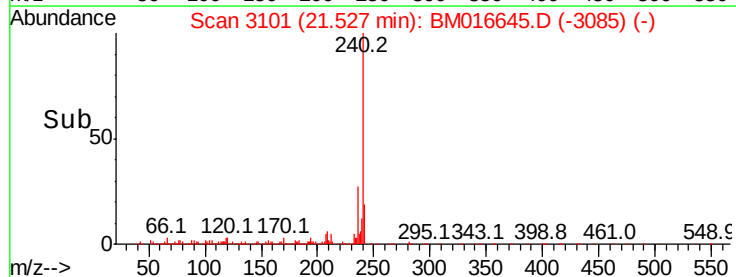
Tgt Ion:240 Resp: 488133
Ion Ratio Lower Upper
240 100
120 2.9 8.2 12.2#
236 27.1 20.0 30.0

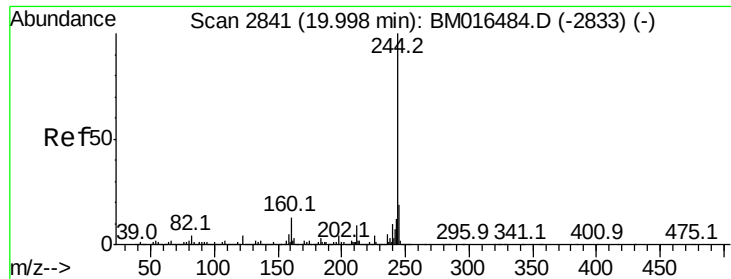


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60





#78

Terphenyl-d14

Concen: 112.237 ng

RT: 19.97 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM016645.D

Acq: 04 Sep 2018 14:29

Instrument :

BNA_M

ClientSampleId :

PB112563BL

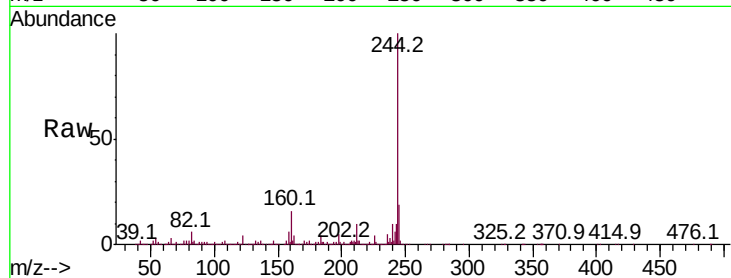
Tot Ion:244 Resp: 2588470

Ion Ratio Lower Upper

244 100

212 9.6 4.9 7.3#

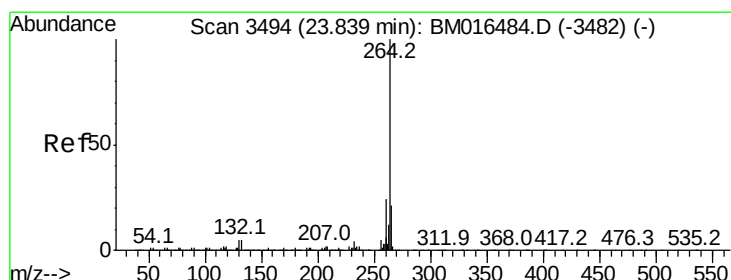
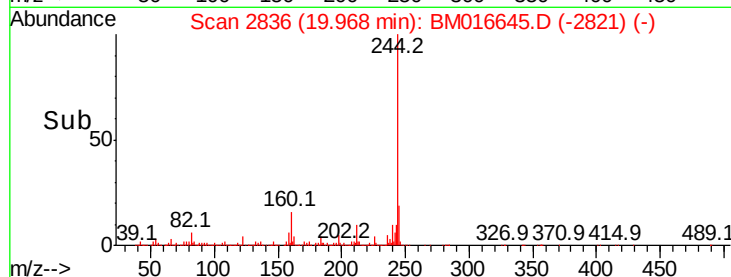
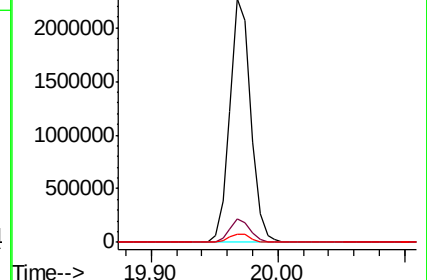
122 3.6 6.2 9.4#



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: BM016645.D

Acq: 04 Sep 2018 14:29

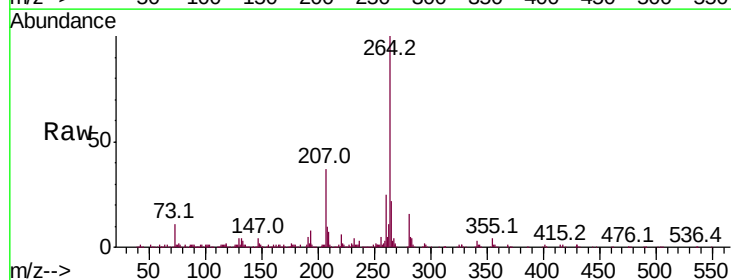
Tgt Ion:264 Resp: 604748

Ion Ratio Lower Upper

264 100

260 24.8 18.6 27.8

265 22.2 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

