

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
 Data File : BM016682.D
 Acq On : 05 Sep 2018 21:31
 Operator : SJ/JU
 Sample : PB112623TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112623TB

Quant Time: Sep 06 04:27:14 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	7.96	152	51849	20.00	ng	-0.04
21) Naphthalene-d8	10.77	136	178678	20.00	ng	-0.04
38) Acenaphthene-d10	14.60	164	113185	20.00	ng	-0.04
63) Phenanthrene-d10	17.35	188	322449	20.00	ng	-0.04
75) Chrysene-d12	21.50	240	380964	20.00	ng	-0.04
86) Perylene-d12	23.76	264	506851	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	391945	148.13	ng	-0.04
7) Phenol-d6	7.15	99	473949	135.36	ng	-0.04
23) Nitrobenzene-d5	9.15	82	435903	111.39	ng	-0.04
41) 2,4,6-Tribromophenol	16.10	330	461981	146.01	ng	-0.04
44) 2-Fluorobiphenyl	13.22	172	1249922	106.15	ng	-0.04
78) Terphenyl-d14	19.94	244	2377208	132.07	ng	-0.04

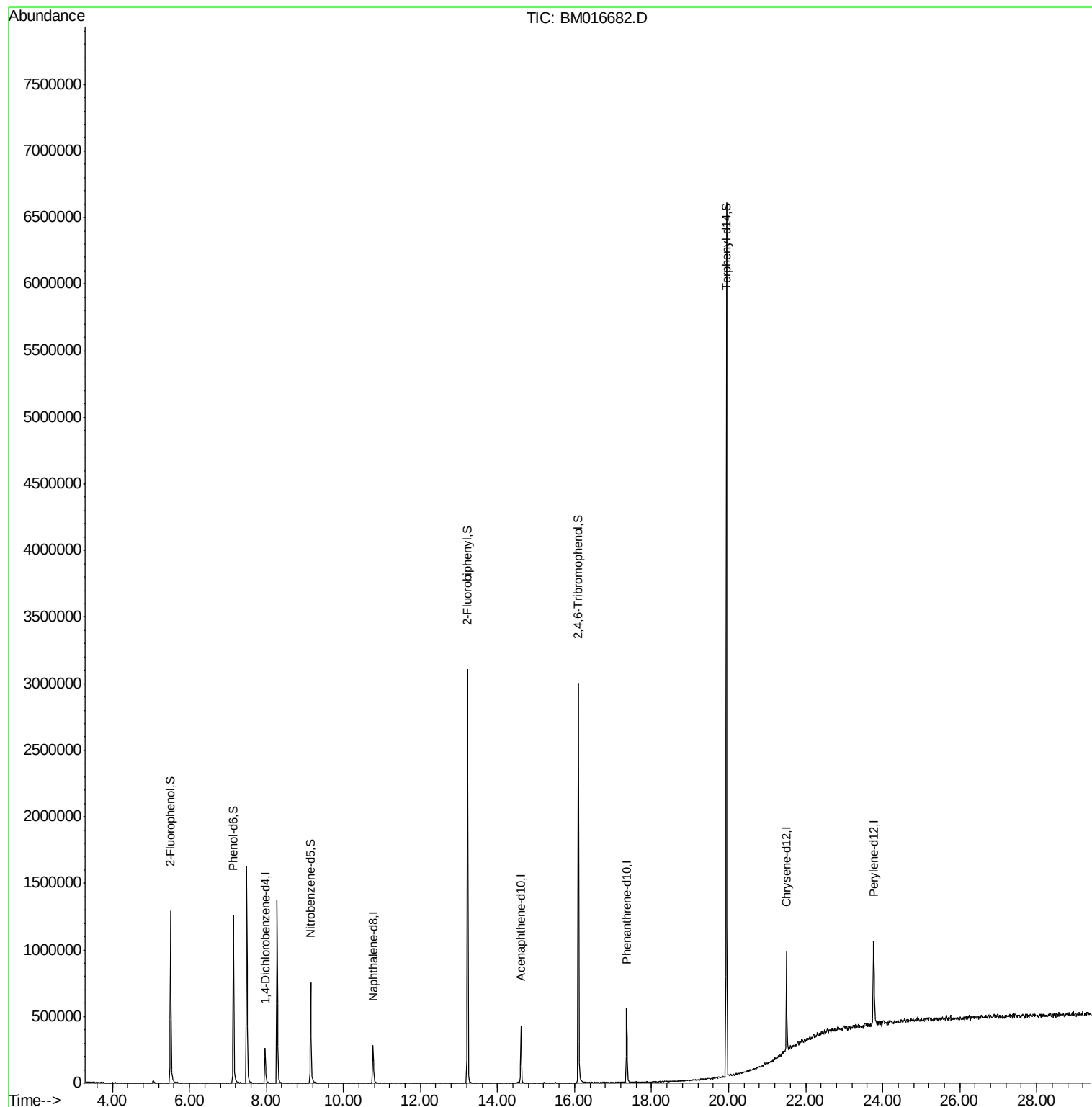
Target Compounds Qvalue

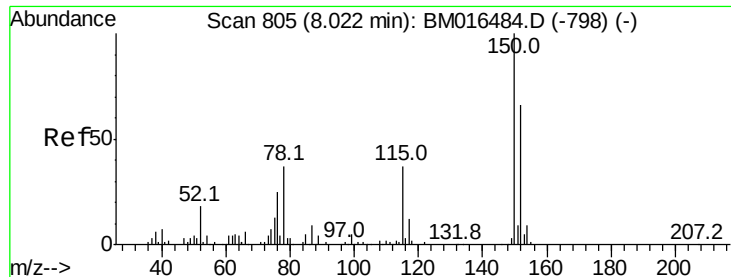
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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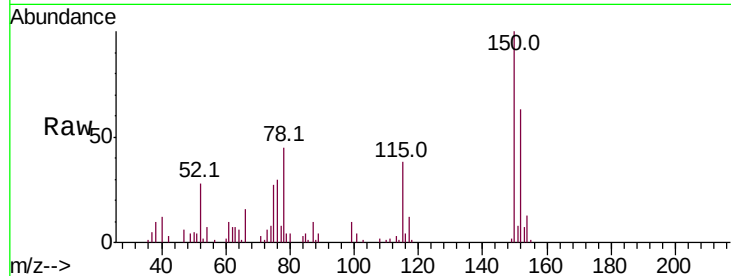


#1

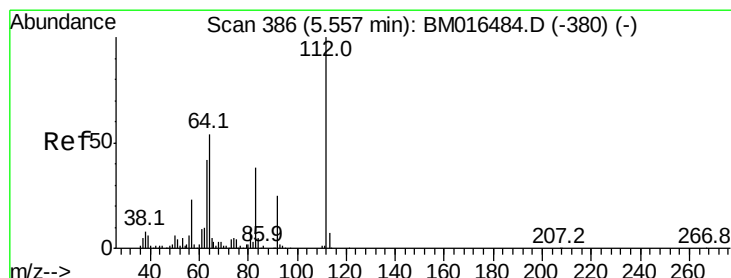
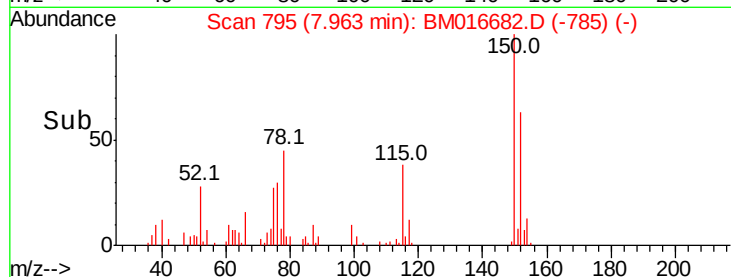
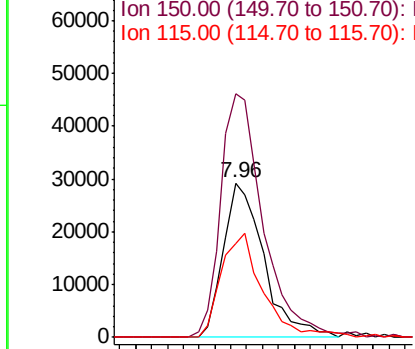
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.04 min
Lab File: BM016682.D
Acq: 05 Sep 2018 21:31

Instrument :
BNA_M
ClientSampleId :
PB112623TB

Tot Ion:152 Resp: 51849
Ion Ratio Lower Upper
152 100
150 157.7 119.5 179.3
115 60.4 43.0 64.4



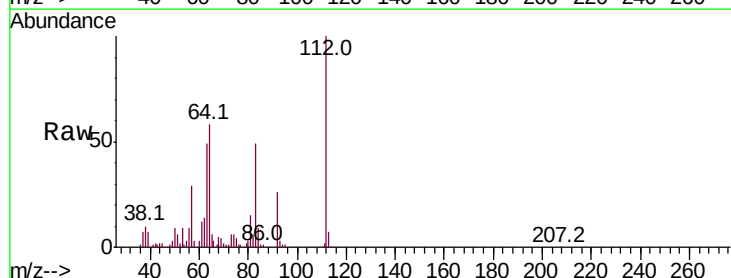
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



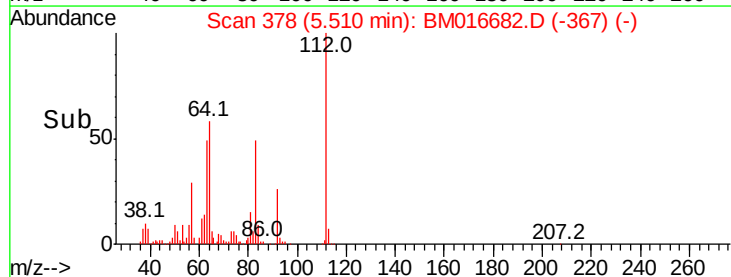
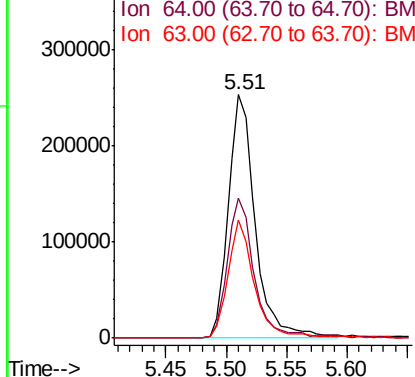
#5

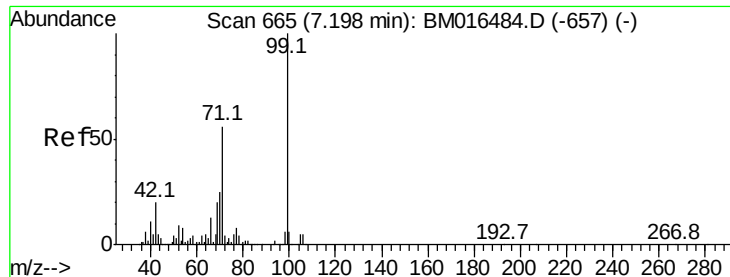
2-Fluorophenol
Concen: 148.132 ng
RT: 5.51 min Scan# 378
Delta R.T. -0.04 min
Lab File: BM016682.D
Acq: 05 Sep 2018 21:31

Tgt Ion:112 Resp: 391945
Ion Ratio Lower Upper
112 100
64 57.7 38.6 57.8
63 48.6 19.3 28.9#



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: 135.364 ng

RT: 7.15 min Scan# 656

Delta R.T. -0.04 min

Lab File: BM016682.D

Acq: 05 Sep 2018 21:31

Instrument :

BNA_M

ClientSampleId :

PB112623TB

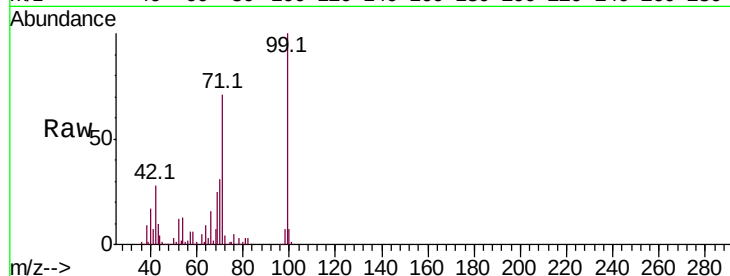
Tot Ion: 99 Resp: 473949

Ion Ratio Lower Upper

99 100

42 28.5 11.0 16.4#

71 71.3 23.4 35.2#

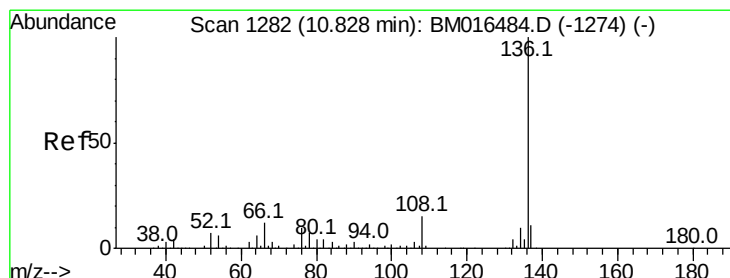
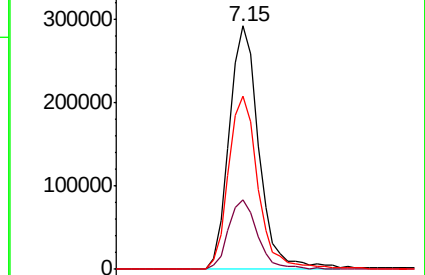
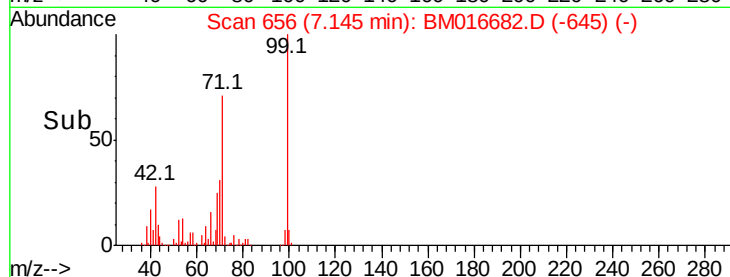


Abundance Ion 99.00 (98.70 to 99.70): BM016682.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016682.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016682.D (-645) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BM016682.D

Acq: 05 Sep 2018 21:31

Tgt Ion: 136 Resp: 178678

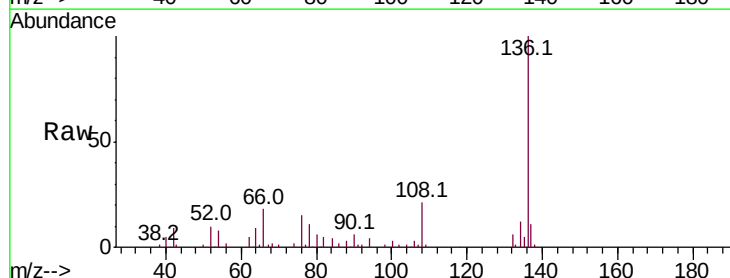
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.2 4.6 6.8#

68 2.5 3.7 5.5#



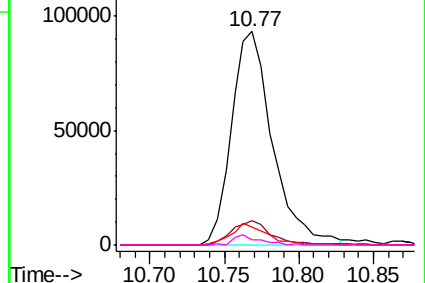
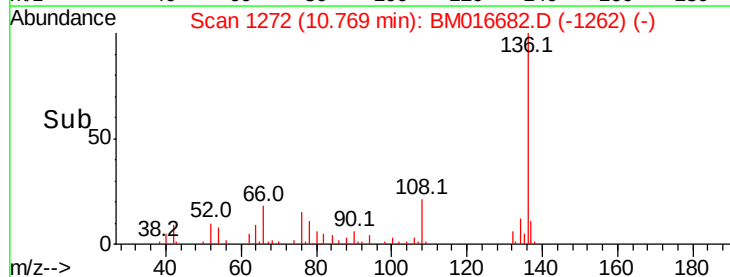
Abundance Ion 136.00 (135.70 to 136.70): BM016682.D (-1262) (-)

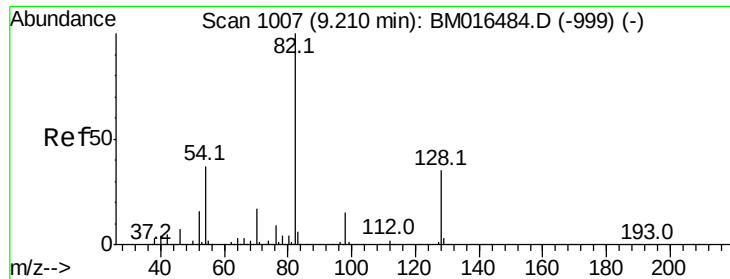
Ion 137.00 (136.70 to 137.70): BM016682.D (-1262) (-)

Ion 54.00 (53.70 to 54.70): BM016682.D (-1262) (-)

Ion 68.00 (67.70 to 68.70): BM016682.D (-1262) (-)

Time-->

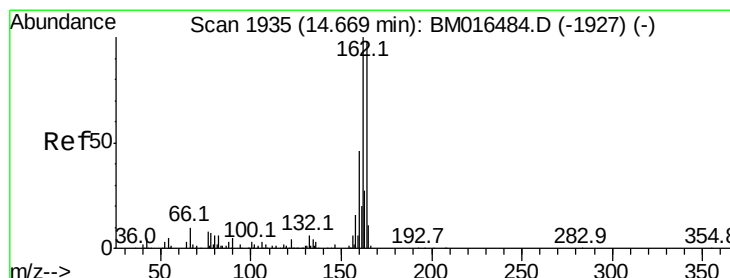
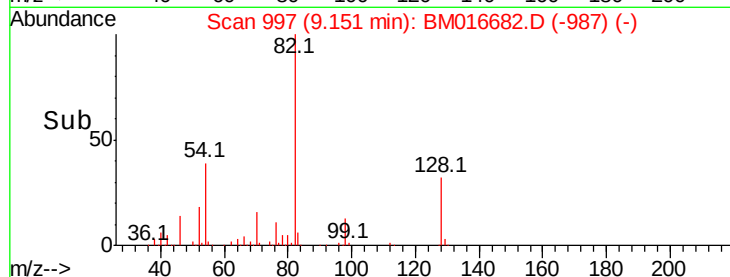
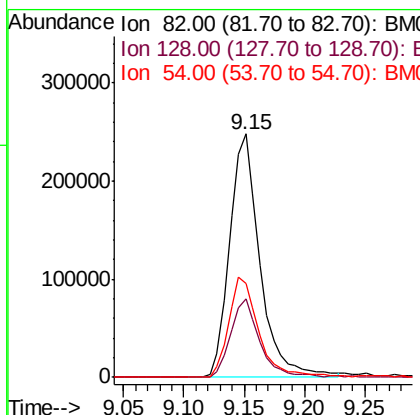
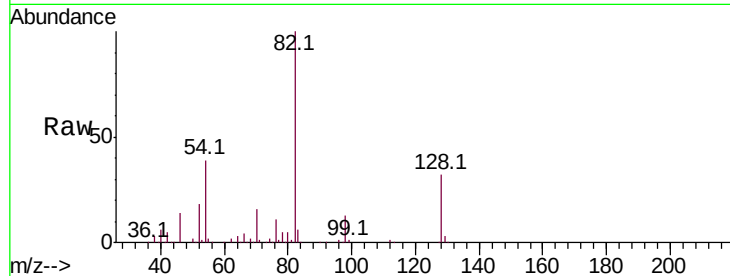




#23
 Nitrobenzene-d5
 Concen: 111.390 ng
 RT: 9.15 min Scan# 997
 Delta R.T. -0.04 min
 Lab File: BM016682.D
 Acq: 05 Sep 2018 21:31

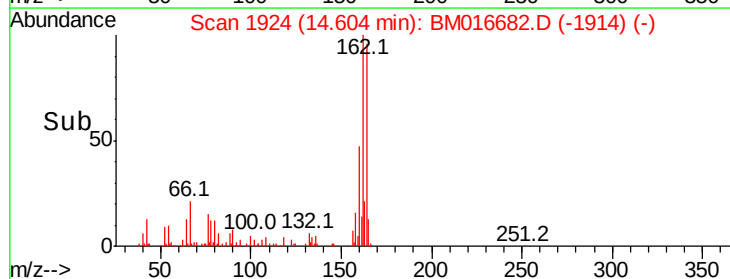
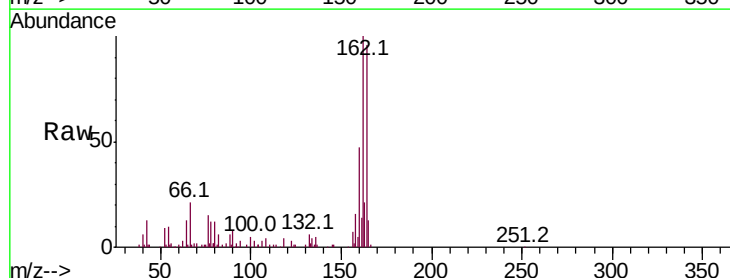
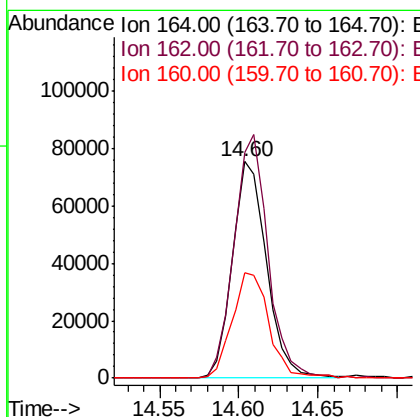
Instrument :
 BNA_M
 ClientSampleId :
 PB112623TB

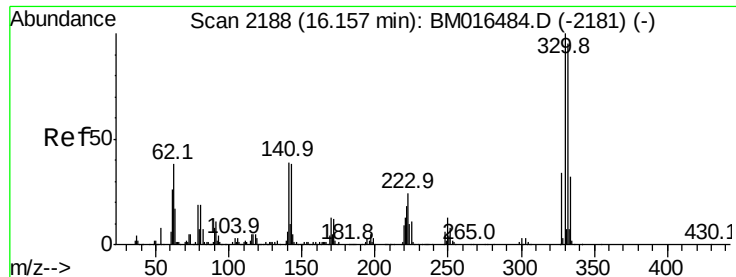
Tot Ion	82	Resp	435903
Ion Ratio	Lower	Upper	
82	100		
128	32.1	32.8	49.2#
54	38.7	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1924
 Delta R.T. -0.04 min
 Lab File: BM016682.D
 Acq: 05 Sep 2018 21:31

Tgt Ion	164	Resp	113185
Ion Ratio	Lower	Upper	
164	100		
162	104.0	82.4	123.6
160	48.8	35.8	53.6

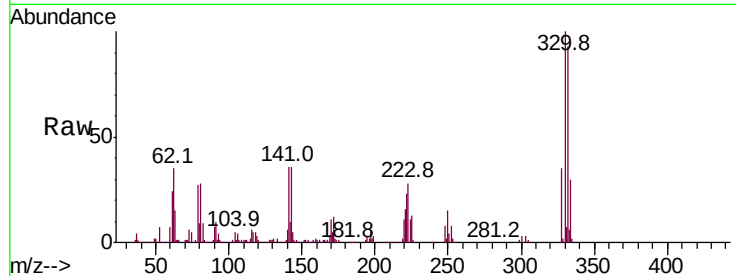




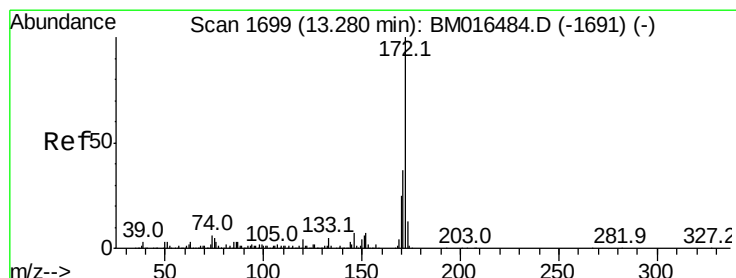
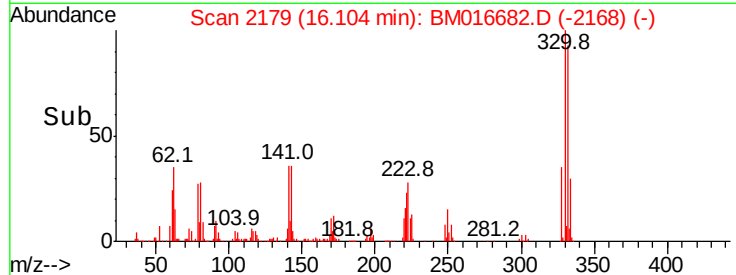
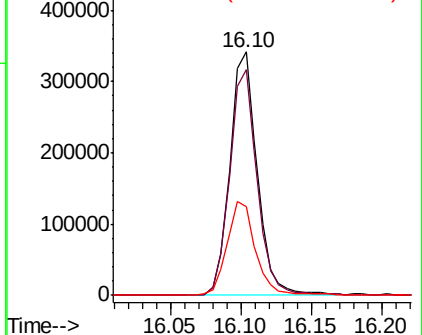
#41
 2,4,6-Tribromophenol
 Concen: 146.012 ng
 RT: 16.10 min Scan# 2179
 Delta R.T. -0.04 min
 Lab File: BM016682.D
 Acq: 05 Sep 2018 21:31

Instrument :
 BNA_M
 ClientSampleId :
 PB112623TB

Tot Ion:330 Resp: 461981
 Ion Ratio Lower Upper
 330 100
 332 92.9 0.0 0.0#
 141 39.9 0.0 0.0#

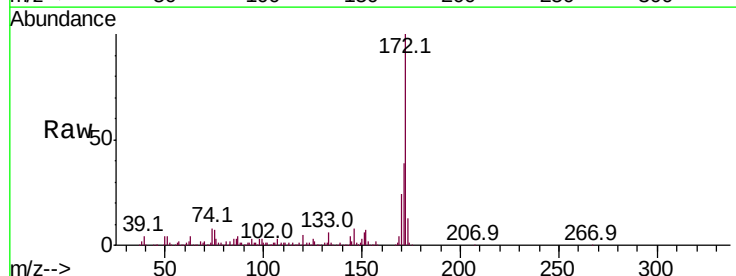


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

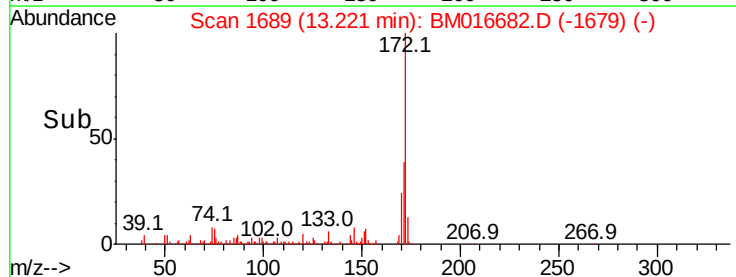
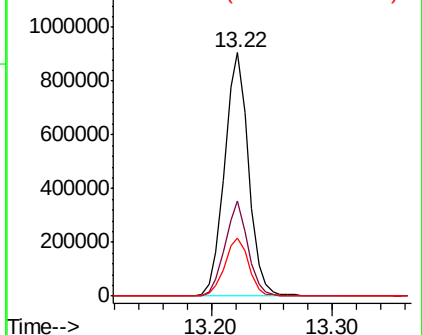


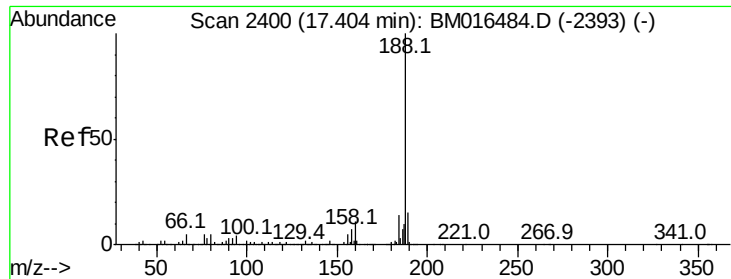
#44
 2-Fluorobiphenyl
 Concen: 106.150 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. -0.04 min
 Lab File: BM016682.D
 Acq: 05 Sep 2018 21:31

Tgt Ion:172 Resp: 1249922
 Ion Ratio Lower Upper
 172 100
 171 39.3 28.5 42.7
 170 23.9 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

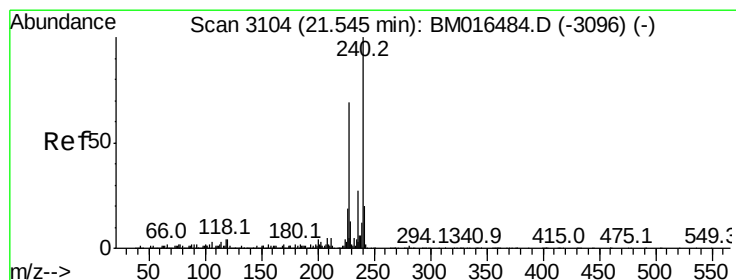
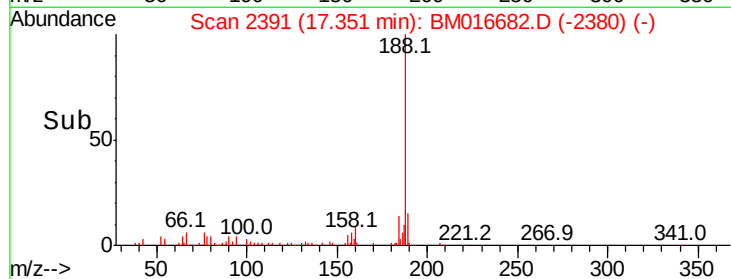
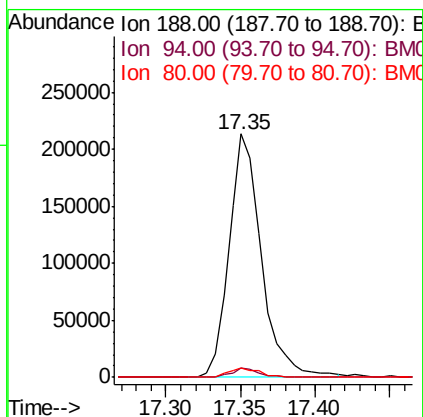
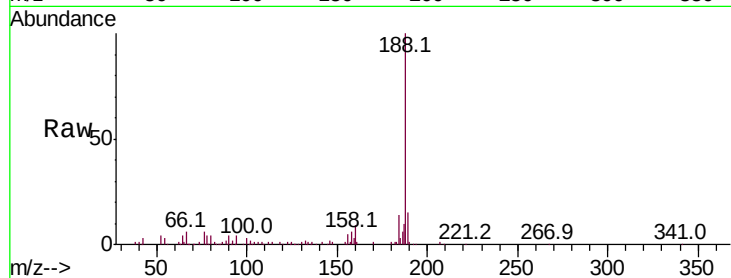




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2391
Delta R.T. -0.04 min
Lab File: BM016682.D
Acq: 05 Sep 2018 21:31

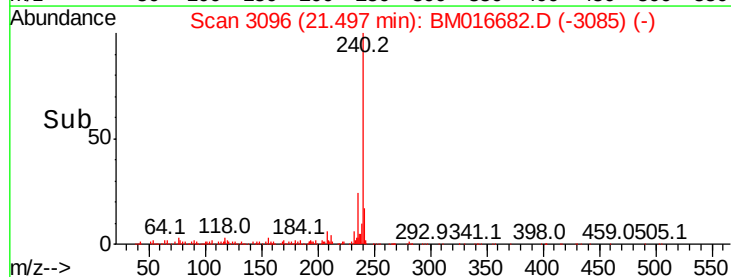
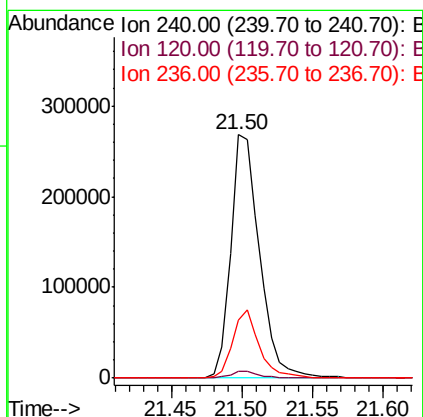
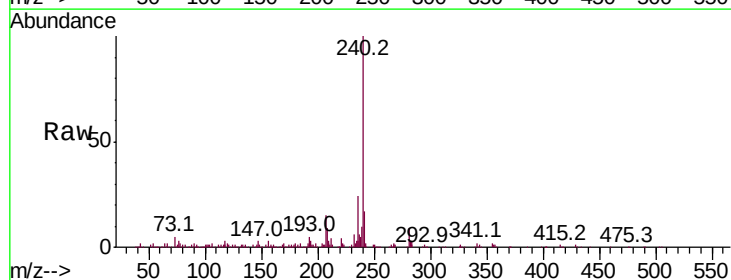
Instrument :
BNA_M
ClientSampled :
PB112623TB

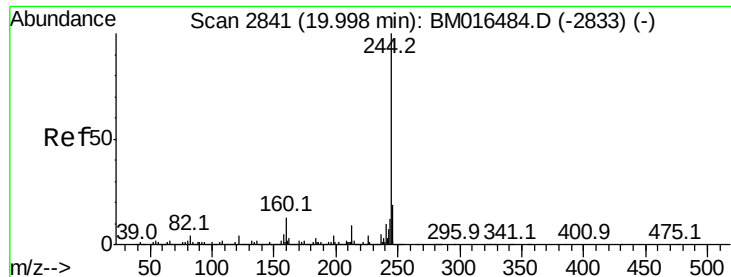
Tot Ion:188 Resp: 322449
Ion Ratio Lower Upper
188 100
94 3.9 8.7 13.1#
80 3.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3096
Delta R.T. -0.04 min
Lab File: BM016682.D
Acq: 05 Sep 2018 21:31

Tgt Ion:240 Resp: 380964
Ion Ratio Lower Upper
240 100
120 2.6 8.2 12.2#
236 24.0 20.0 30.0





#78

Terphenyl-d14

Concen: 132.074 ng

RT: 19.94 min Scan# 2832

Delta R.T. -0.04 min

Lab File: BM016682.D

Acq: 05 Sep 2018 21:31

Instrument :

BNA_M

ClientSampleID :

PB112623TB

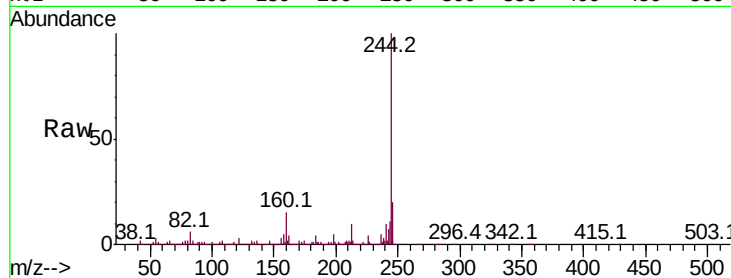
Tot Ion:244 Resp: 2377208

Ion Ratio Lower Upper

244 100

212 9.7 4.9 7.3#

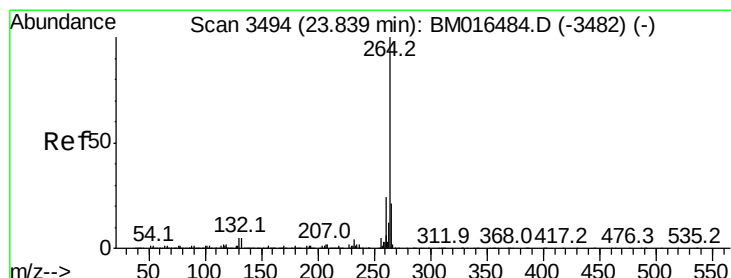
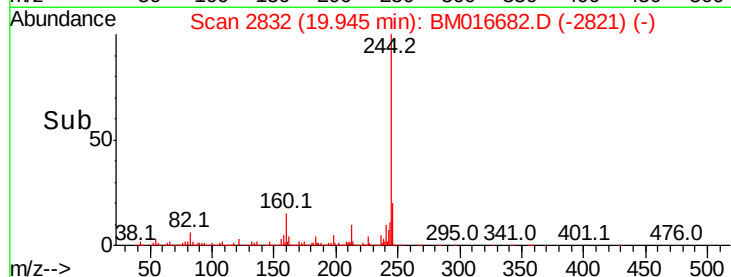
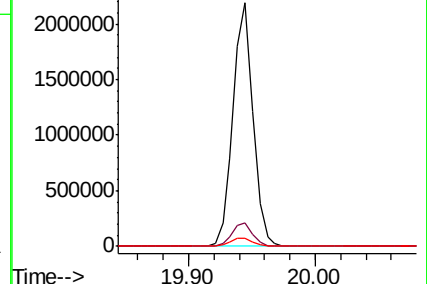
122 3.5 6.2 9.4#



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: 23.76 min Scan# 3481

Delta R.T. -0.05 min

Lab File: BM016682.D

Acq: 05 Sep 2018 21:31

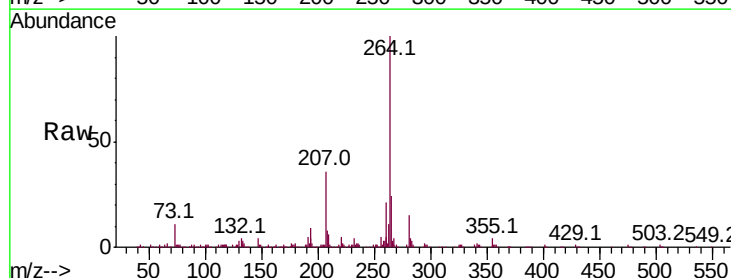
Tgt Ion:264 Resp: 506851

Ion Ratio Lower Upper

264 100

260 20.6 18.6 27.8

265 23.5 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

