

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090618\
 Data File : BM016687.D
 Acq On : 06 Sep 2018 16:34
 Operator : SJ/JU
 Sample : PB112623TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112623TB

Quant Time: Sep 07 06:43:51 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	63081	20.00	ng	-0.04
21) Naphthalene-d8	10.76	136	199808	20.00	ng	-0.05
38) Acenaphthene-d10	14.60	164	137452	20.00	ng	-0.04
63) Phenanthrene-d10	17.34	188	495070	20.00	ng	-0.04
75) Chrysene-d12	21.50	240	723636	20.00	ng	-0.04
86) Perylene-d12	23.76	264	698304	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	392461	121.92	ng	-0.03
7) Phenol-d6	7.15	99	474379	111.36	ng	-0.04
23) Nitrobenzene-d5	9.15	82	416600	95.20	ng	-0.05
41) 2,4,6-Tribromophenol	16.10	330	580708	151.13	ng	-0.04
44) 2-Fluorobiphenyl	13.22	172	1228589	85.92	ng	-0.05
78) Terphenyl-d14	19.94	244	4275912	125.07	ng	-0.04

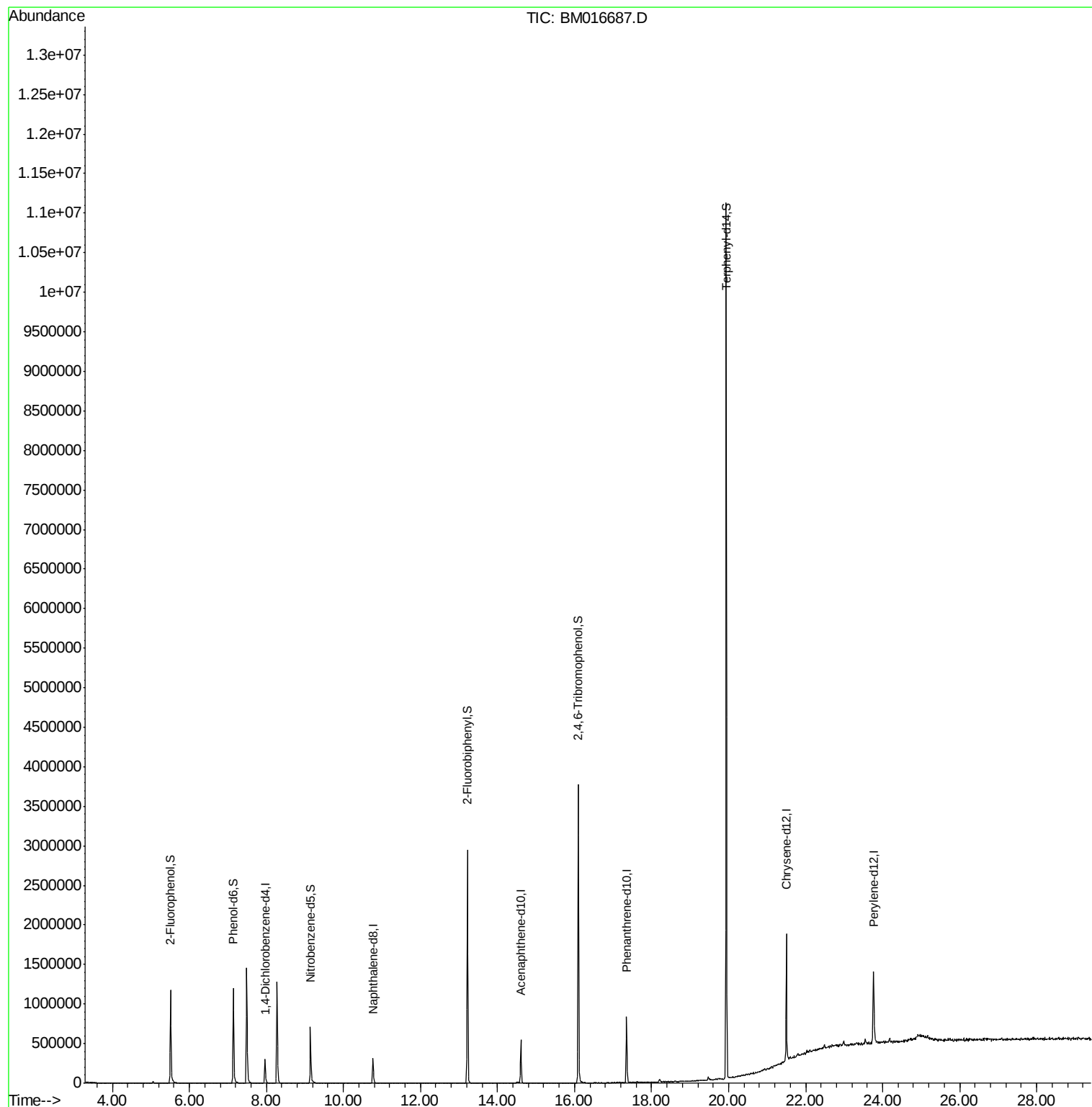
Target Compounds Qvalue

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

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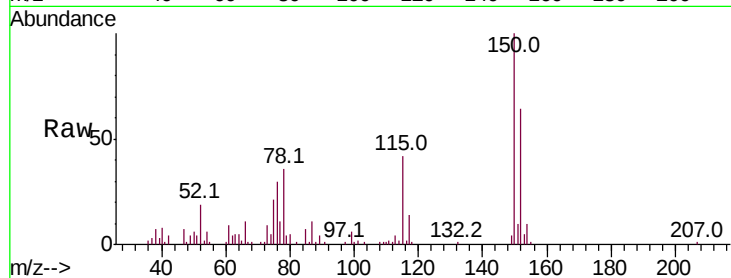


#1

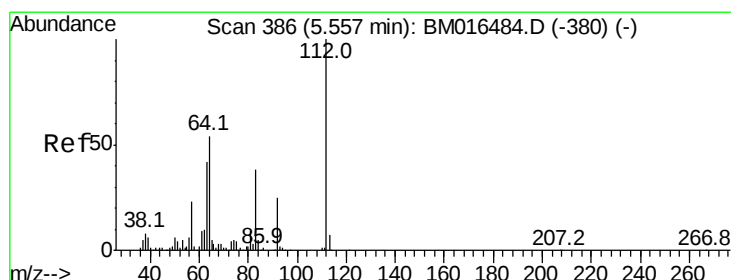
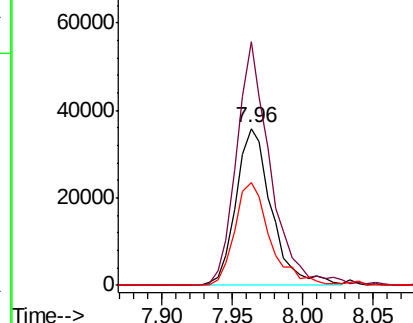
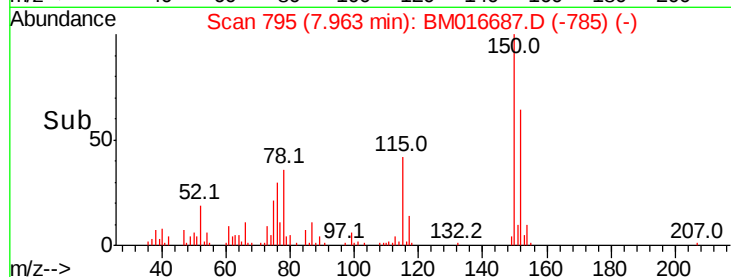
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.04 min
Lab File: BM016687.D
Acq: 06 Sep 2018 16:34

Instrument :
BNA_M
ClientSampleId :
PB112623TB

Tot Ion:152 Resp: 63081
Ion Ratio Lower Upper
152 100
150 155.0 119.5 179.3
115 65.6 43.0 64.4#



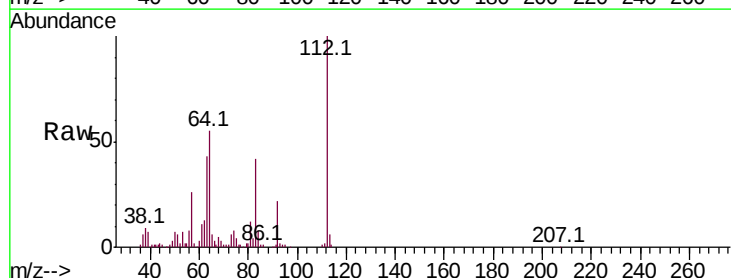
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



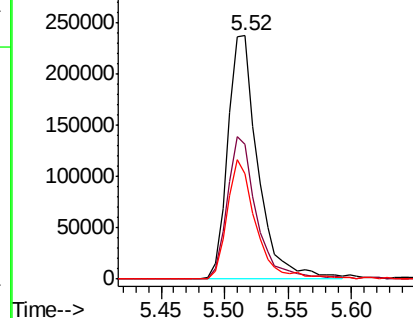
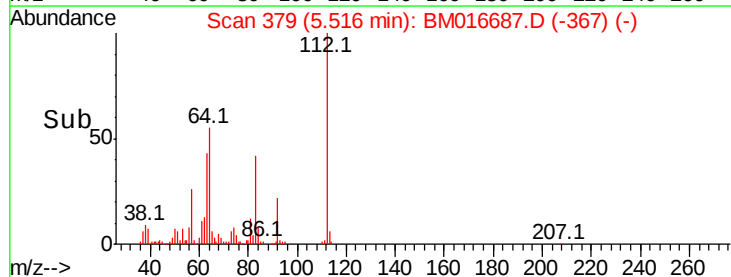
#5

2-Fluorophenol
Concen: 121.916 ng
RT: 5.52 min Scan# 379
Delta R.T. -0.03 min
Lab File: BM016687.D
Acq: 06 Sep 2018 16:34

Tgt Ion:112 Resp: 392461
Ion Ratio Lower Upper
112 100
64 55.4 38.6 57.8
63 43.5 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: 111.363 ng

RT: 7.15 min Scan# 656

Delta R.T. -0.04 min

Lab File: BM016687.D

Acq: 06 Sep 2018 16:34

Instrument :

BNA_M

ClientSampleId :

PB112623TB

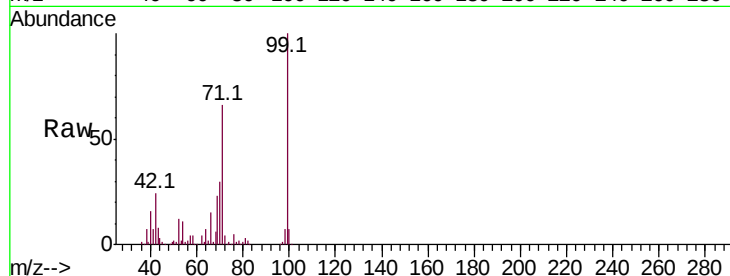
Tot Ion: 99 Resp: 474379

Ion Ratio Lower Upper

99 100

42 23.9 11.0 16.4#

71 66.2 23.4 35.2#

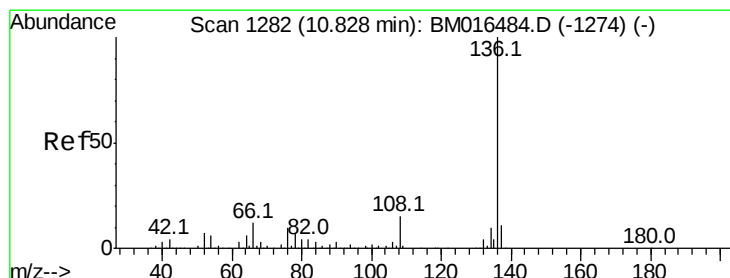
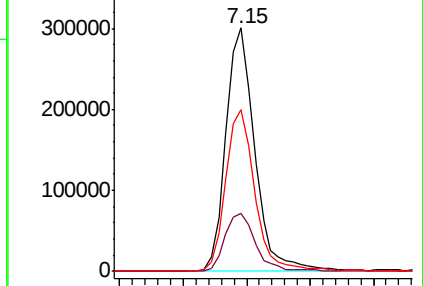
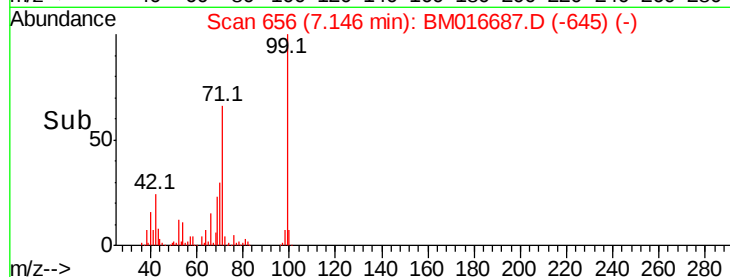


Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

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: 10.76 min Scan# 1271

Delta R.T. -0.05 min

Lab File: BM016687.D

Acq: 06 Sep 2018 16:34

Tgt Ion: 136 Resp: 199808

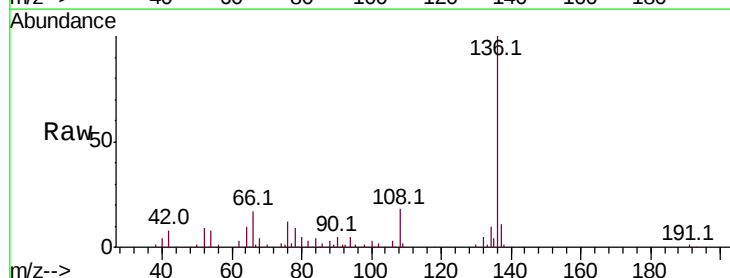
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.7 4.6 6.8#

68 3.5 3.7 5.5#



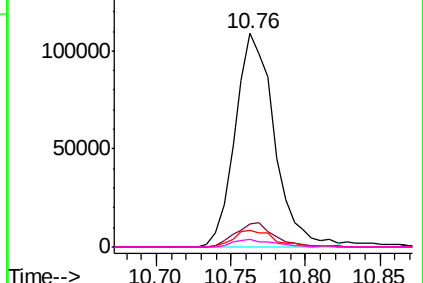
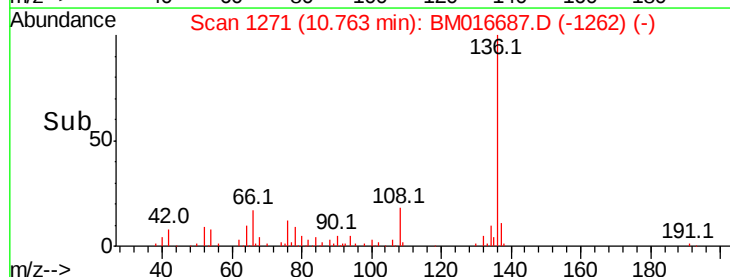
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

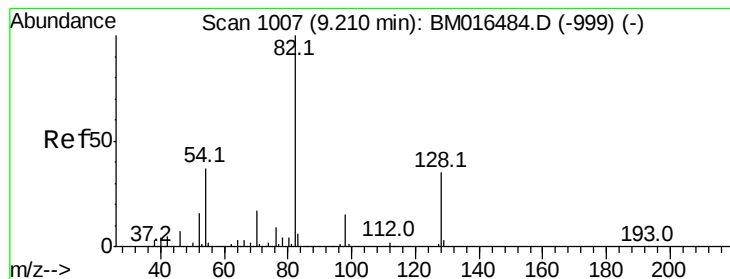
Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

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: 95.199 ng

RT: 9.15 min Scan# 996

Delta R.T. -0.05 min

Lab File: BM016687.D

Acq: 06 Sep 2018 16:34

Instrument :

BNA_M

ClientSampleId :

PB112623TB

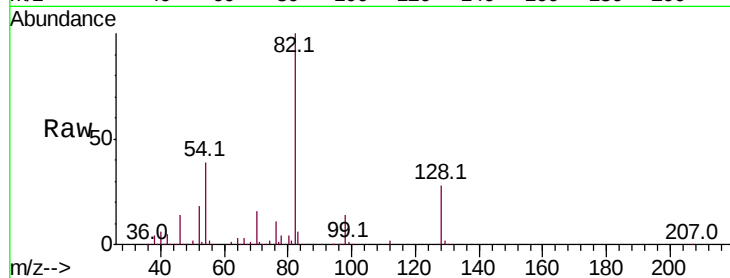
Tot Ion: 82 Resp: 416600

Ion Ratio Lower Upper

82 100

128 28.3 32.8 49.2#

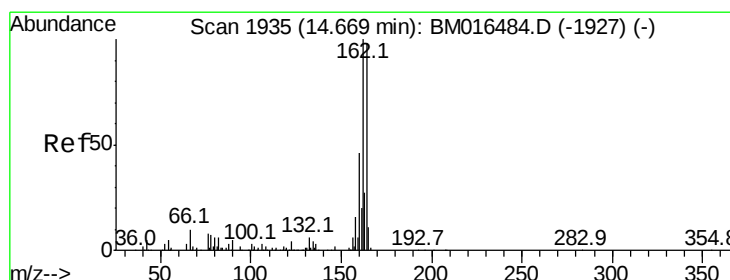
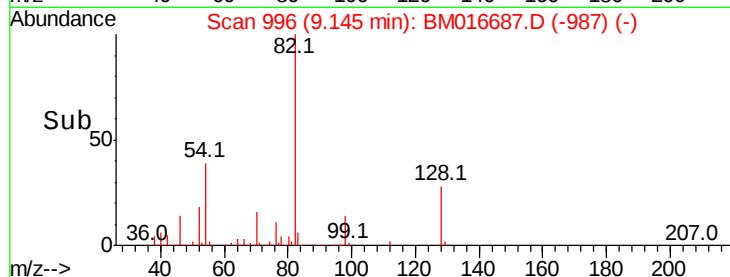
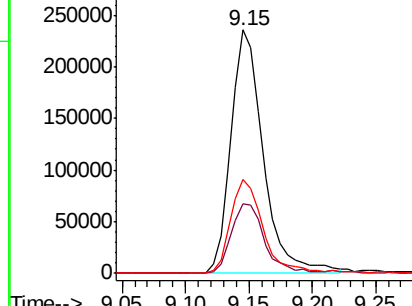
54 38.6 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016687.D (-996) (-)

Ion 128.00 (127.70 to 128.70): BM016687.D (-996) (-)

Ion 54.00 (53.70 to 54.70): BM016687.D (-996) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1924

Delta R.T. -0.04 min

Lab File: BM016687.D

Acq: 06 Sep 2018 16:34

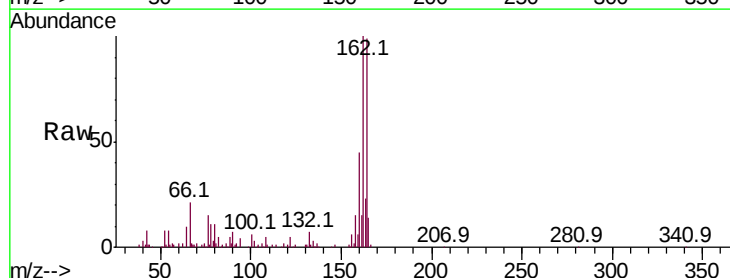
Tgt Ion:164 Resp: 137452

Ion Ratio Lower Upper

164 100

162 101.3 82.4 123.6

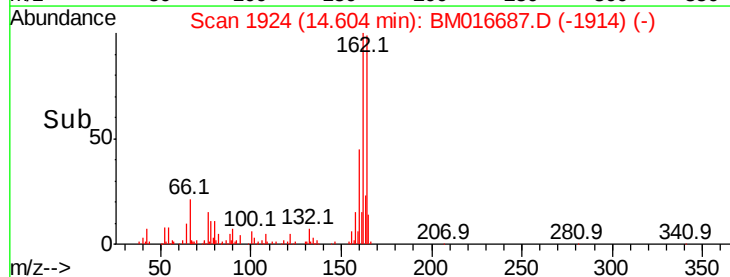
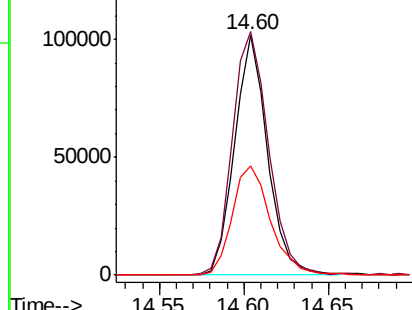
160 45.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016687.D (-1914) (-)

Ion 162.00 (161.70 to 162.70): BM016687.D (-1914) (-)

Ion 160.00 (159.70 to 160.70): BM016687.D (-1914) (-)

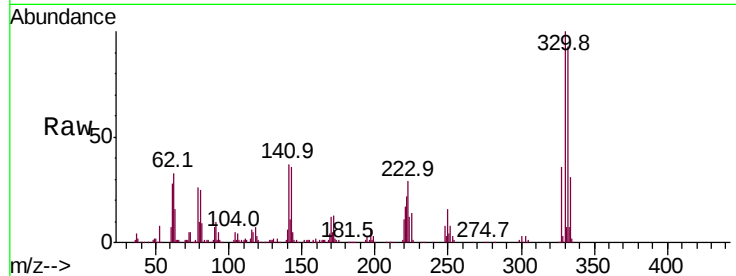




#41
 2,4,6-Tribromophenol
 Concen: 151.133 ng
 RT: 16.10 min Scan# 2178
 Delta R.T. -0.04 min
 Lab File: BM016687.D
 Acq: 06 Sep 2018 16:34

Instrument :
 BNA_M
 ClientSampleId :
 PB112623TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	0.0	0.0#
141	37.7	0.0	0.0#

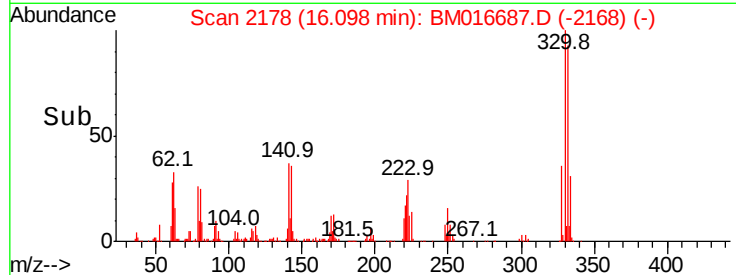
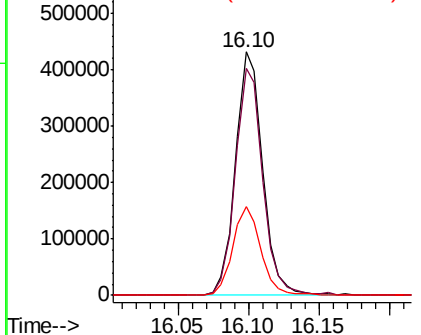


Abundance

Ion 329.80 (329.50 to 330.50): E

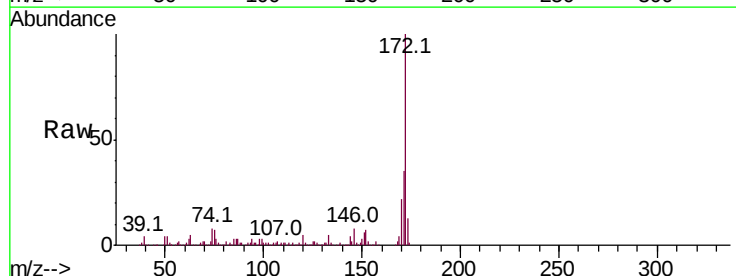
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.917 ng
 RT: 13.22 min Scan# 1688
 Delta R.T. -0.05 min
 Lab File: BM016687.D
 Acq: 06 Sep 2018 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	21.9	18.8	28.2

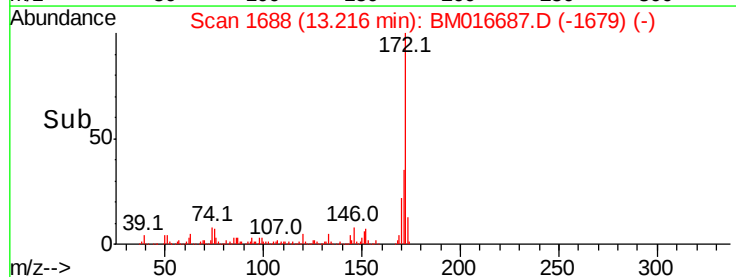
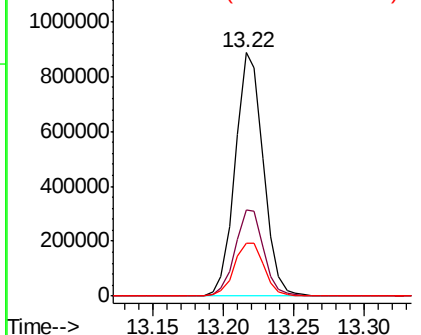


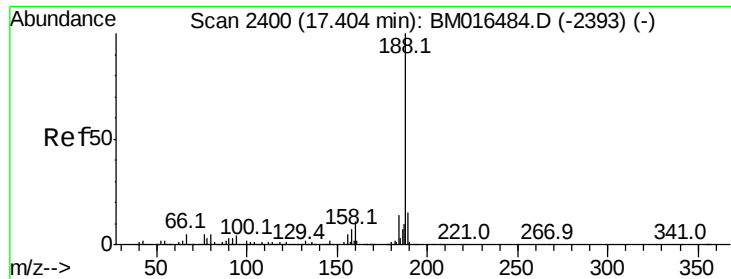
Abundance

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

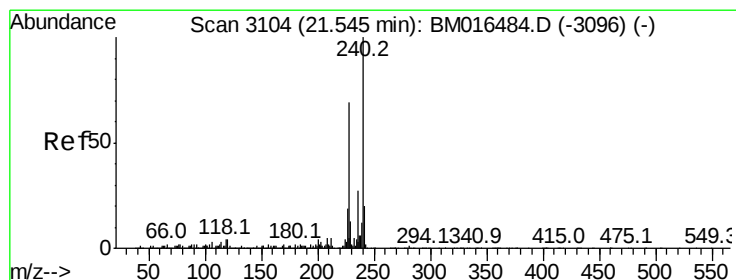
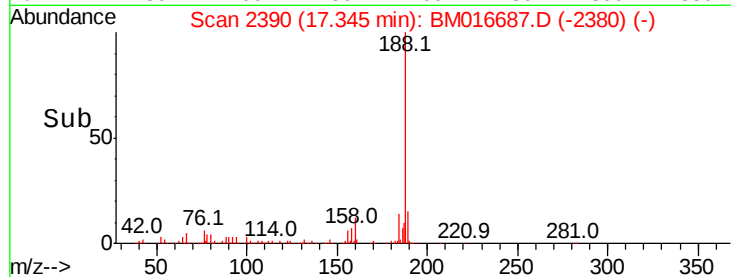
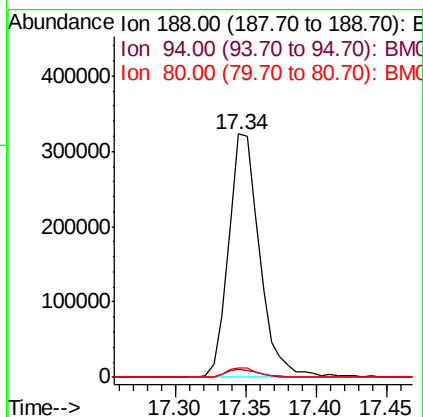
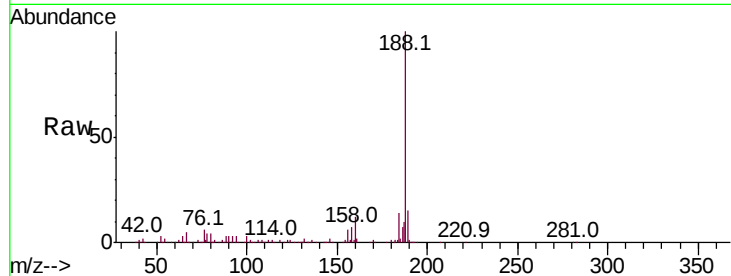




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2390
Delta R.T. -0.04 min
Lab File: BM016687.D
Acq: 06 Sep 2018 16:34

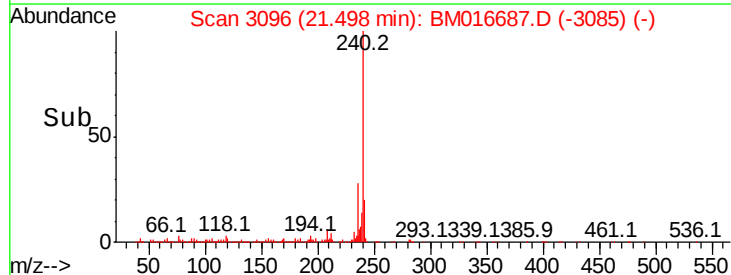
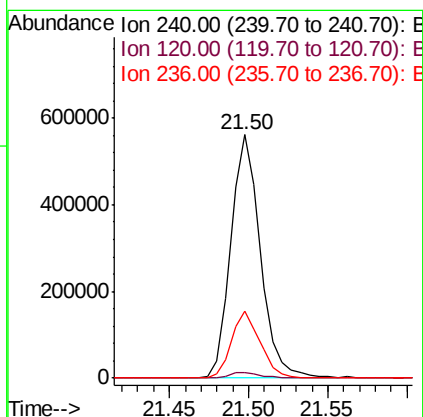
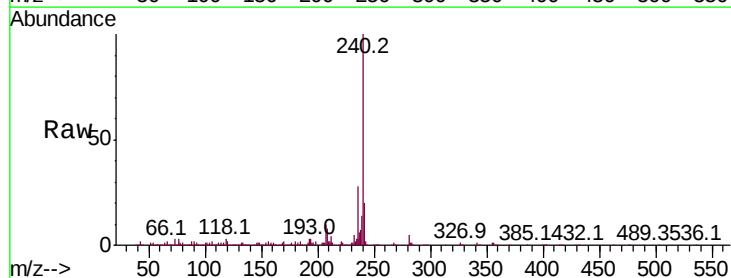
Instrument :
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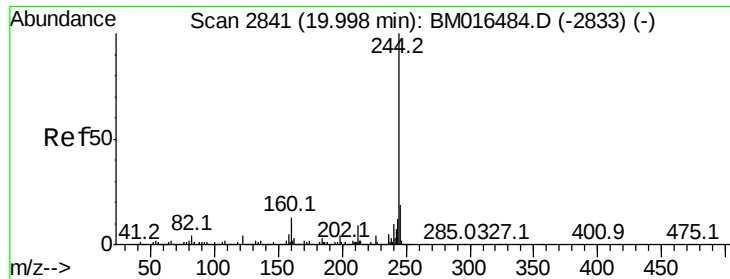
Tot Ion:188 Resp: 495070
Ion Ratio Lower Upper
188 100
94 3.1 8.7 13.1#
80 3.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3096
Delta R.T. -0.04 min
Lab File: BM016687.D
Acq: 06 Sep 2018 16:34

Tgt Ion:240 Resp: 723636
Ion Ratio Lower Upper
240 100
120 2.4 8.2 12.2#
236 27.6 20.0 30.0





#78

Terphenyl-d14

Concen: 125.067 ng

RT: 19.94 min Scan# 2832

Delta R.T. -0.04 min

Lab File: BM016687.D

Acq: 06 Sep 2018 16:34

Instrument :

BNA_M

ClientSampleId :

PB112623TB

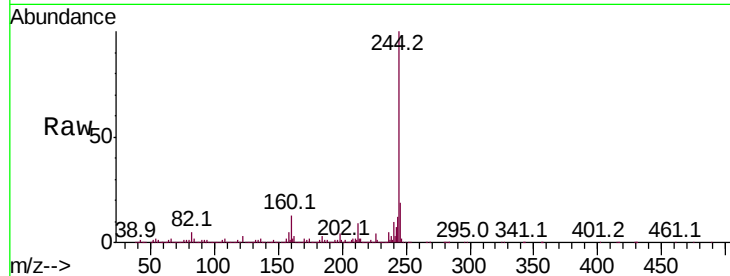
Tot Ion:244 Resp: 4275912

Ion Ratio Lower Upper

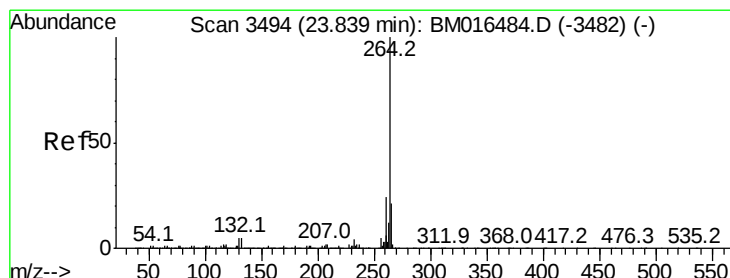
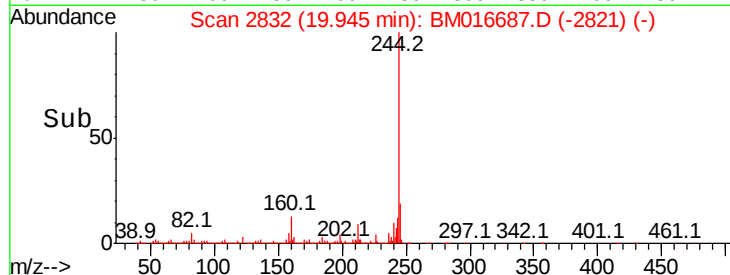
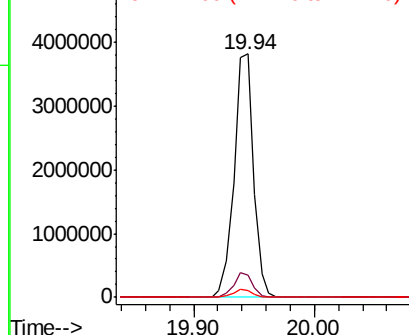
244 100

212 9.3 4.9 7.3#

122 3.0 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: BM016687.D

Acq: 06 Sep 2018 16:34

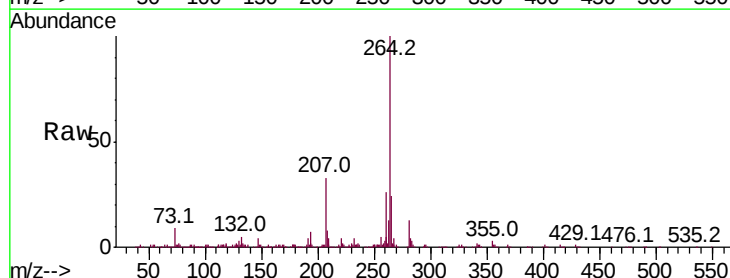
Tgt Ion:264 Resp: 698304

Ion Ratio Lower Upper

264 100

260 25.6 18.6 27.8

265 24.4 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

