

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016600.D
 Acq On : 27 Aug 2018 11:14
 Operator : SJ/JU
 Sample : PB112310TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112310TB

Quant Time: Aug 27 13:04:49 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	8.01	152	92871	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	287203	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	206966	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	680299	20.00	ng	0.00
75) Chrysene-d12	21.53	240	838920	20.00	ng	0.00
86) Perylene-d12	23.82	264	949978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	486025	102.55	ng	0.00
7) Phenol-d6	7.18	99	593479	94.63	ng	0.00
23) Nitrobenzene-d5	9.19	82	510565	81.17	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	655223	113.25	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1690955	78.53	ng	0.00
78) Terphenyl-d14	19.98	244	4278352	107.94	ng	0.00

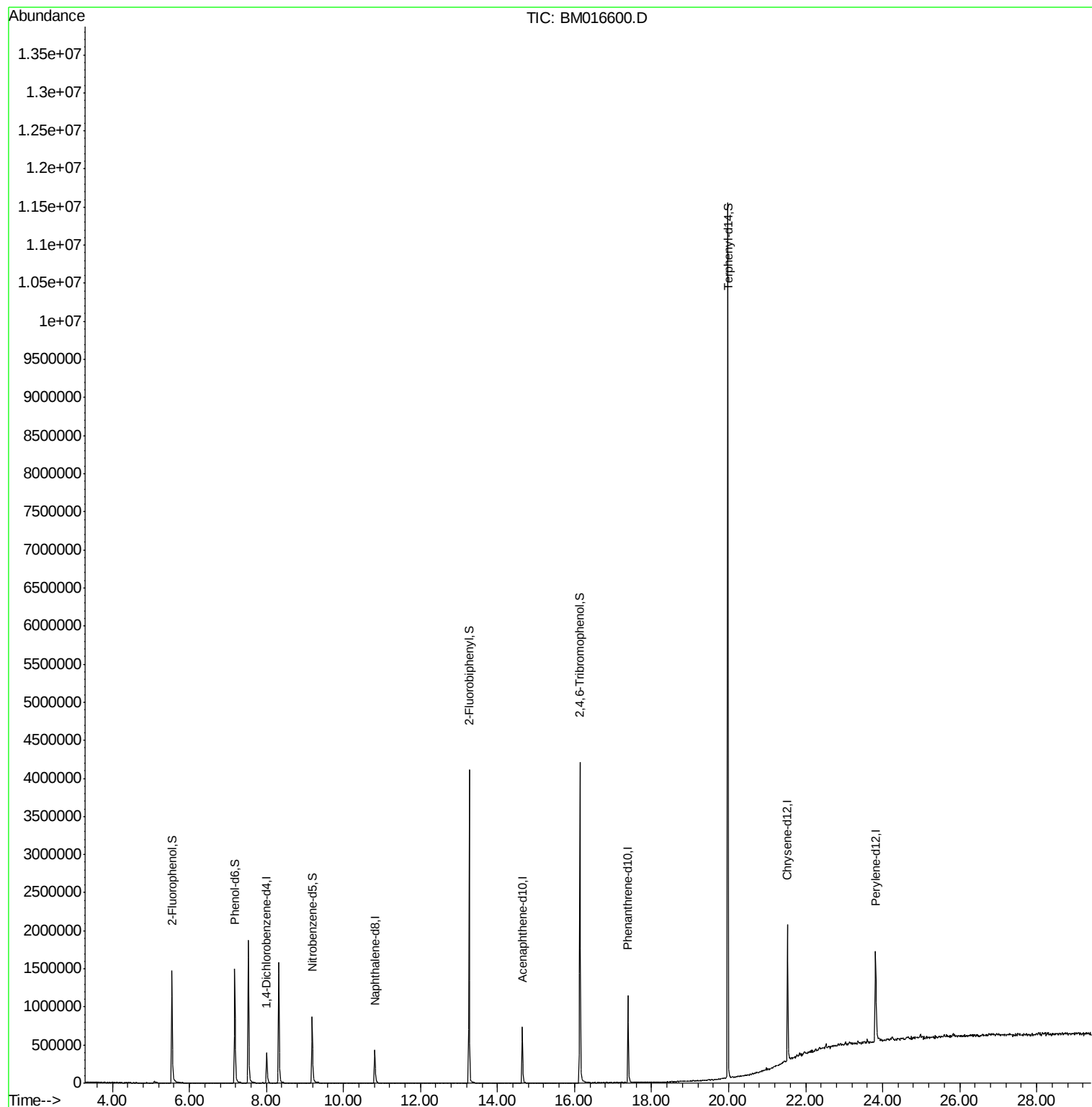
Target Compounds Qvalue

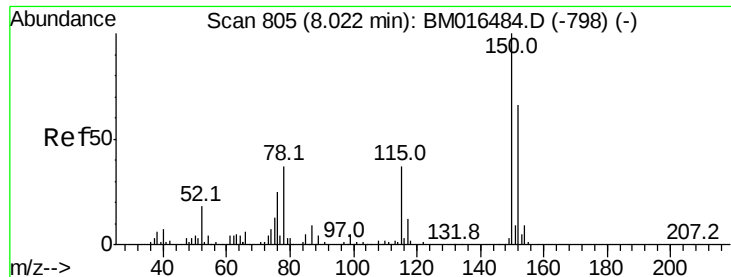
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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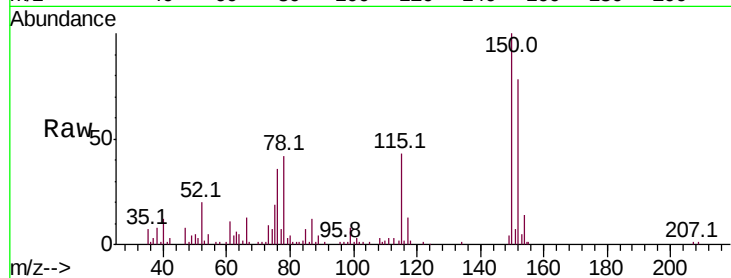


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BM016600.D
 Acq: 27 Aug 2018 11:14

Instrument :
 BNA_M
 ClientSampleId :
 PB112310TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	127.9	119.5	179.3
115	54.4	43.0	64.4

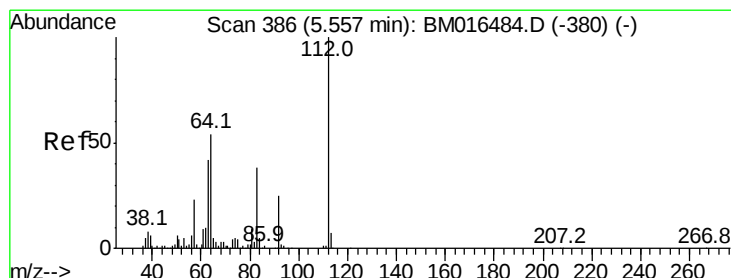
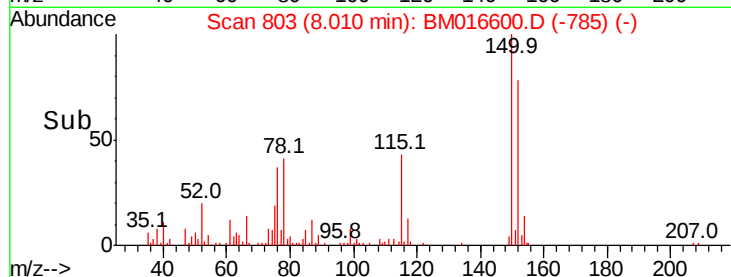
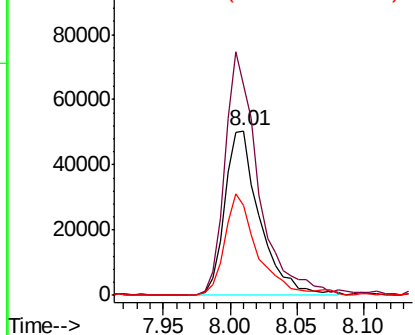


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

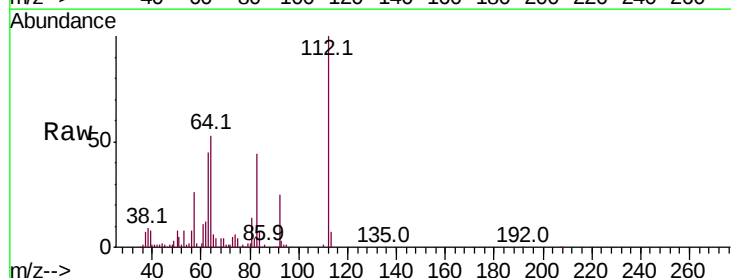
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 102.552 ng
 RT: 5.55 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: BM016600.D
 Acq: 27 Aug 2018 11:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	38.6	57.8
63	45.4	19.3	28.9

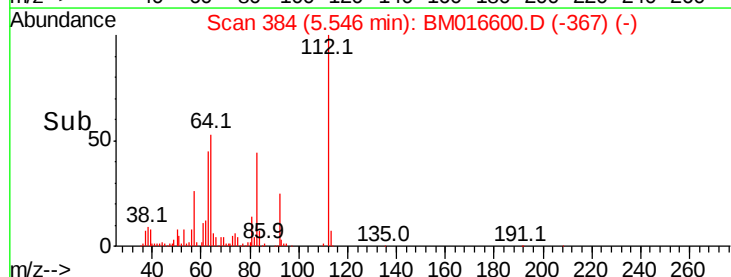
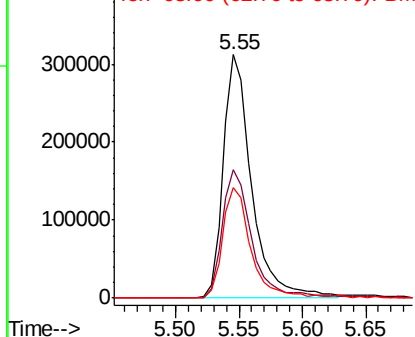


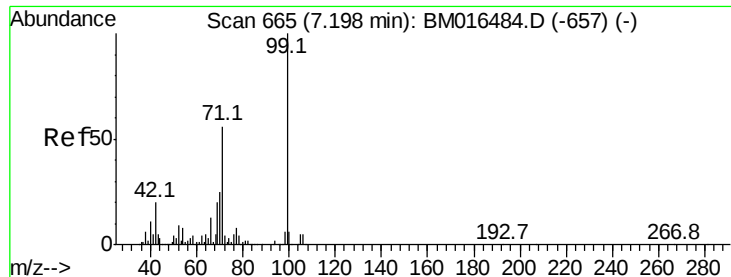
Abundance

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: 94.632 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM016600.D

Acq: 27 Aug 2018 11:14

Instrument :

BNA_M

ClientSampleId :

PB112310TB

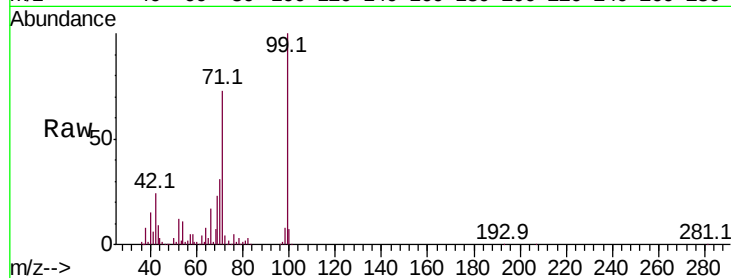
Tot Ion: 99 Resp: 593479

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

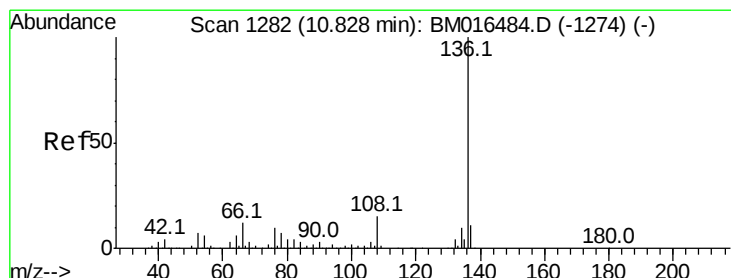
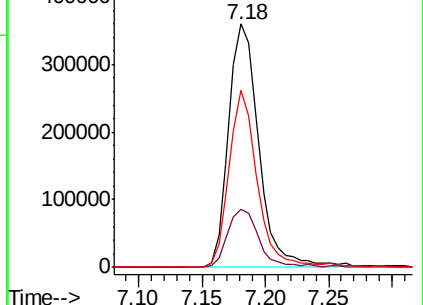
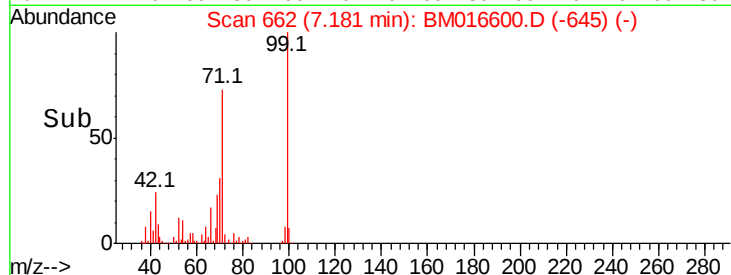
71 72.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016600.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016600.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016600.D (-645) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM016600.D

Acq: 27 Aug 2018 11:14

Tgt Ion: 136 Resp: 287203

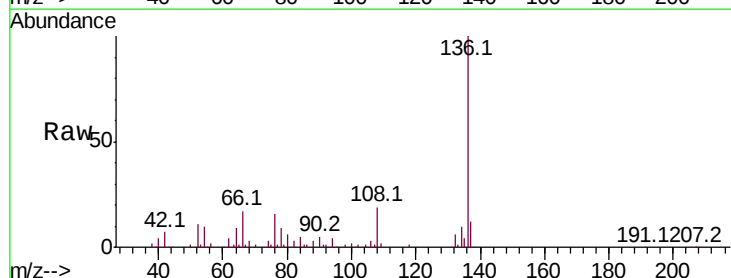
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 10.1 4.6 6.8#

68 3.1 3.7 5.5#

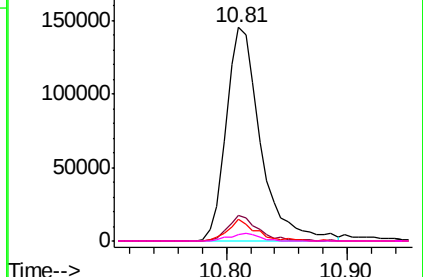
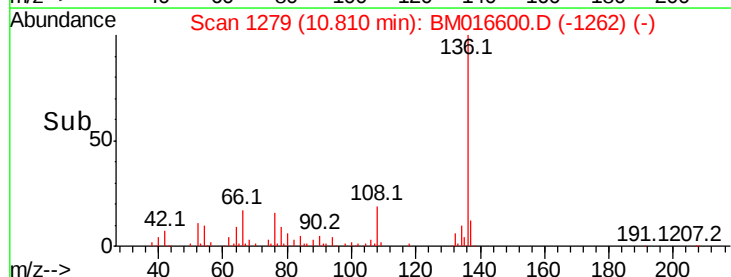


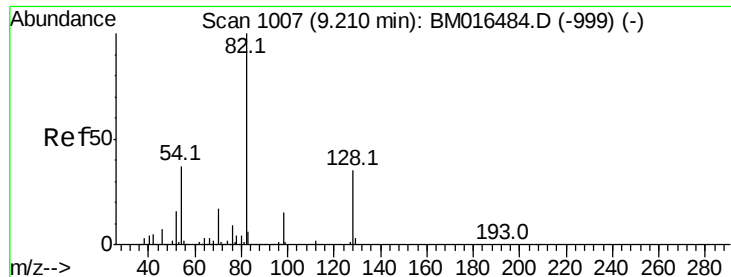
Abundance Ion 136.00 (135.70 to 136.70): BM016600.D (-1262) (-)

Ion 137.00 (136.70 to 137.70): BM016600.D (-1262) (-)

Ion 54.00 (53.70 to 54.70): BM016600.D (-1262) (-)

Ion 68.00 (67.70 to 68.70): BM016600.D (-1262) (-)

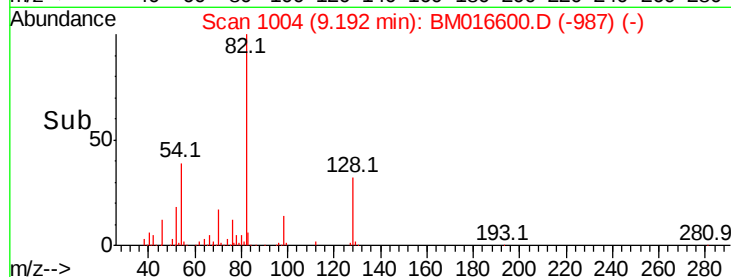
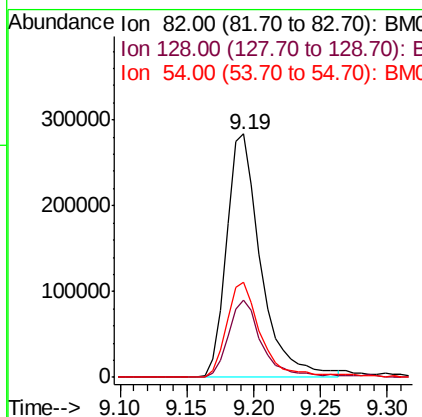
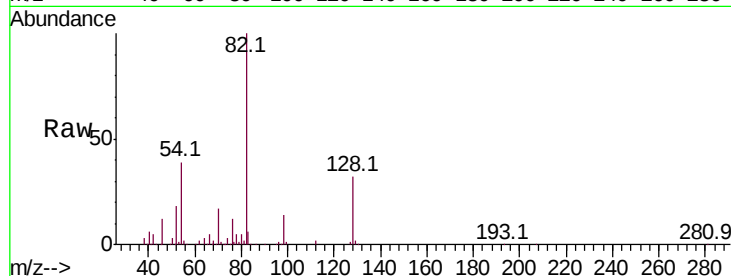




#23
Nitrobenzene-d5
Concen: 81.169 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BM016600.D
Acq: 27 Aug 2018 11:14

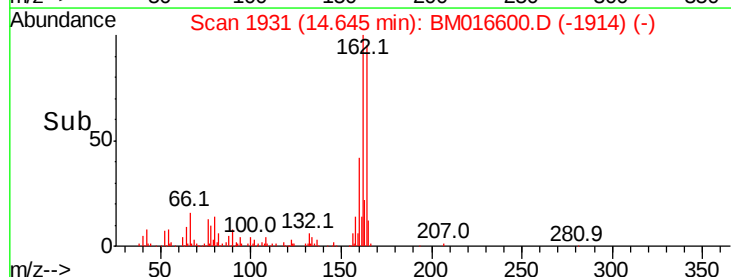
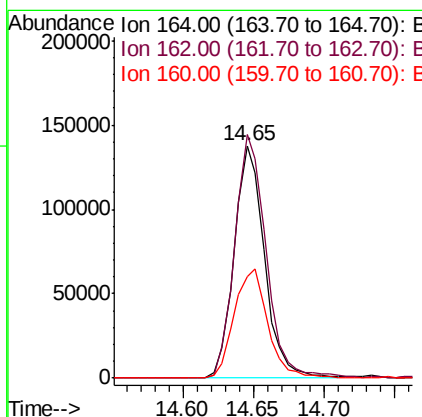
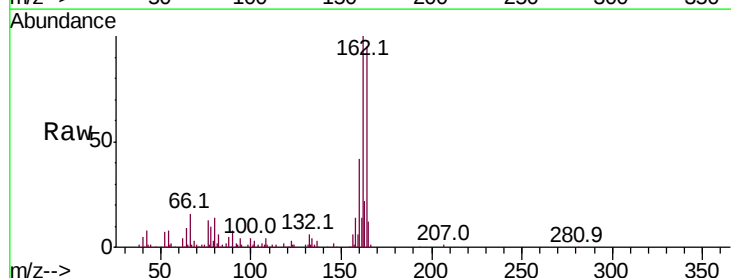
Instrument :
BNA_M
ClientSampleId :
PB112310TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.9	32.8	49.2#
54	39.0	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BM016600.D
Acq: 27 Aug 2018 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.4	123.6
160	43.9	35.8	53.6

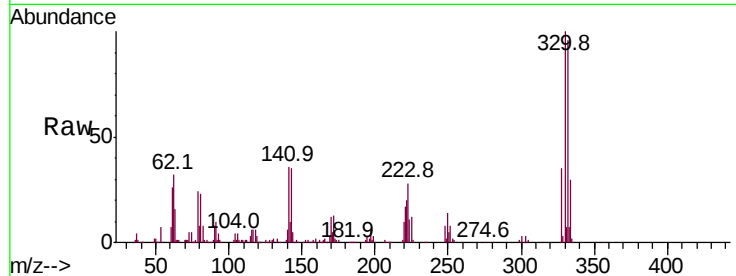




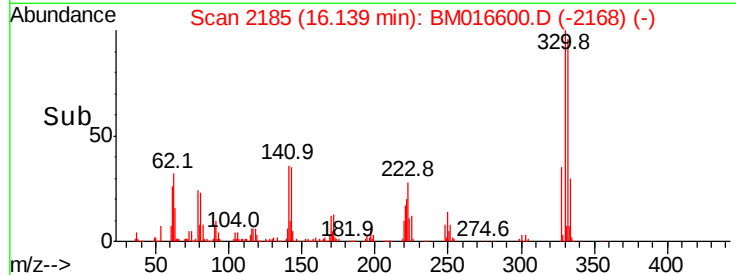
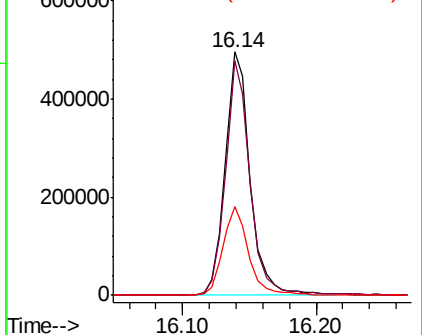
#41
2,4,6-Tribromophenol
Concen: 113.251 ng
RT: 16.14 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BM016600.D
Acq: 27 Aug 2018 11:14

Instrument :
BNA_M
ClientSampleId :
PB112310TB

Tot Ion:330 Resp: 655223
Ion Ratio Lower Upper
330 100
332 94.5 0.0 0.0#
141 37.3 0.0 0.0#

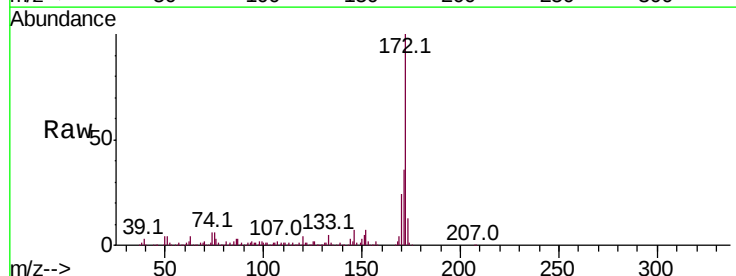


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

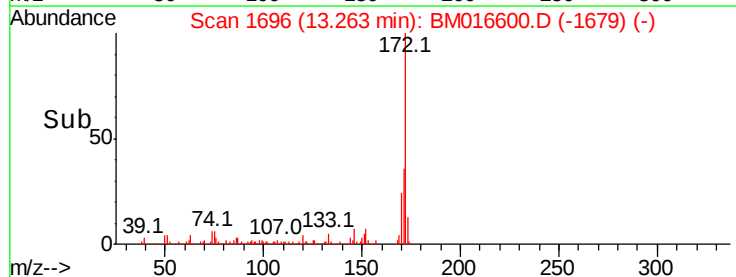
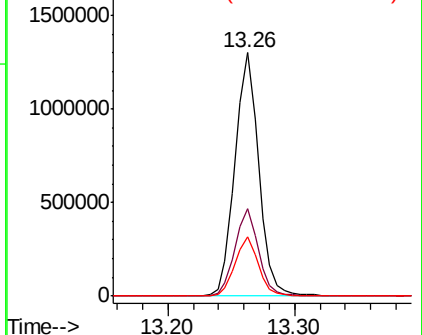


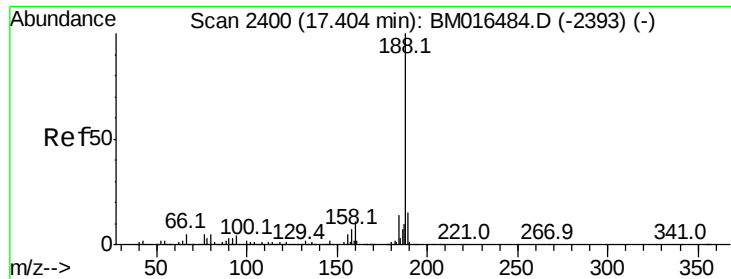
#44
2-Fluorobiphenyl
Concen: 78.534 ng
RT: 13.26 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM016600.D
Acq: 27 Aug 2018 11:14

Tgt Ion:172 Resp: 1690955
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.4 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

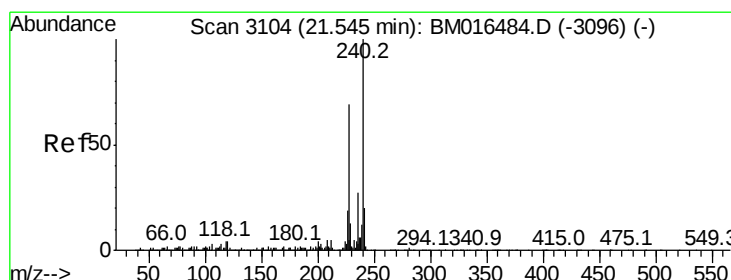
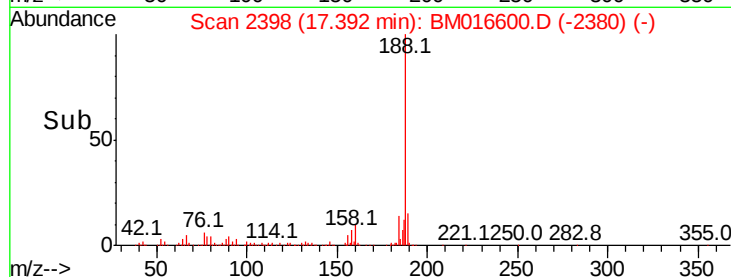
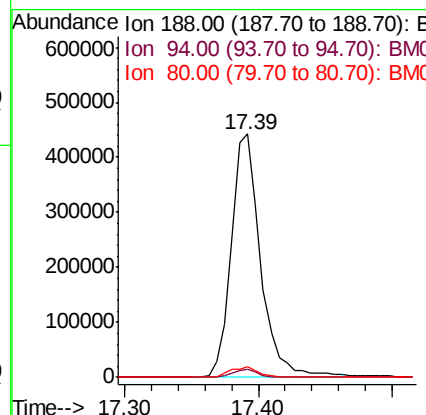
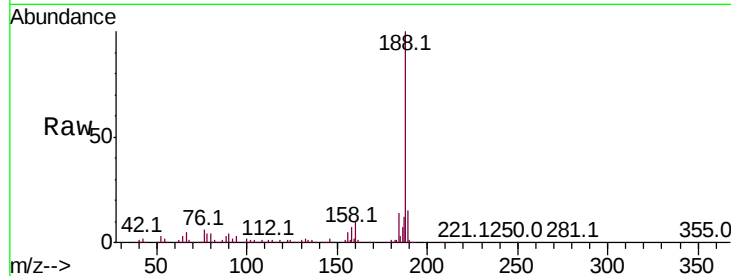




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BM016600.D
Acq: 27 Aug 2018 11:14

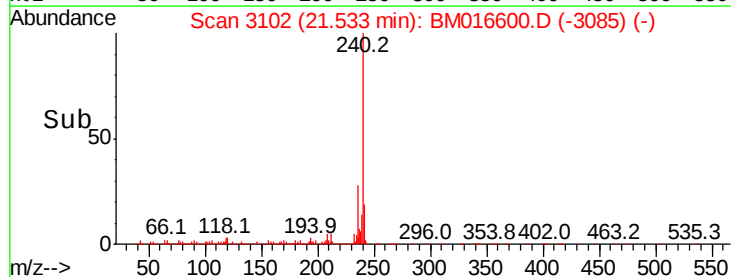
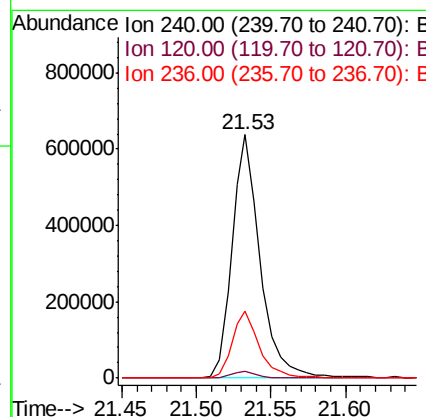
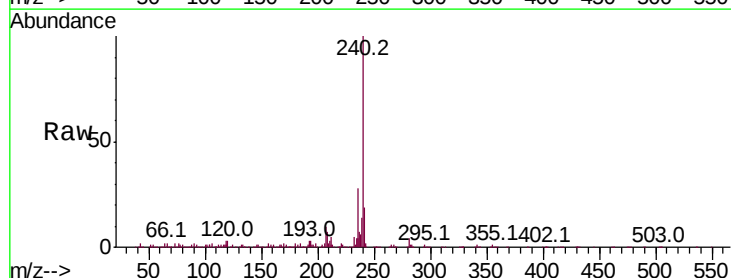
Instrument :
BNA_M
ClientSampleId :
PB112310TB

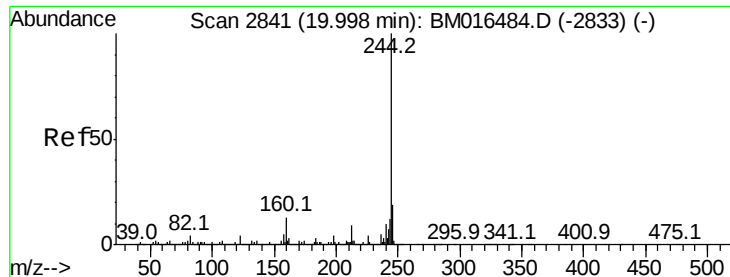
Tot Ion:188 Resp: 680299
Ion Ratio Lower Upper
188 100
94 3.4 8.7 13.1#
80 4.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM016600.D
Acq: 27 Aug 2018 11:14

Tgt Ion:240 Resp: 838920
Ion Ratio Lower Upper
240 100
120 2.8 8.2 12.2#
236 27.6 20.0 30.0





#78

Terphenyl-d14

Concen: 107.942 ng

RT: 19.98 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BM016600.D

Acq: 27 Aug 2018 11:14

Instrument :

BNA_M

ClientSampleID :

PB112310TB

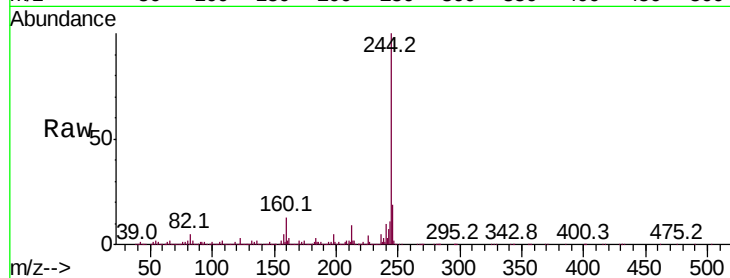
Tot Ion:244 Resp: 4278352

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

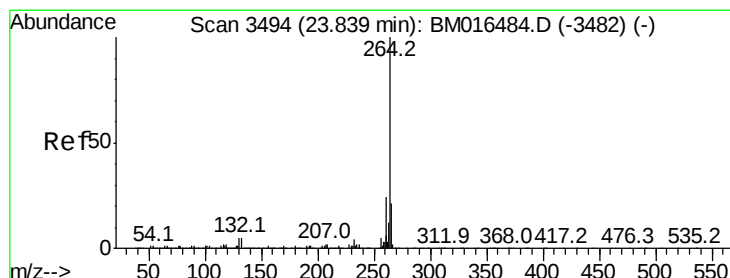
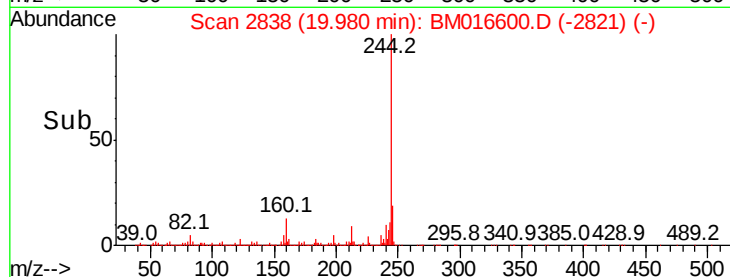
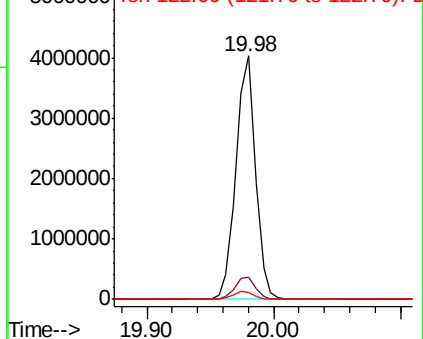
122 2.9 6.2 9.4#



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: 23.82 min Scan# 3490

Delta R.T. 0.00 min

Lab File: BM016600.D

Acq: 27 Aug 2018 11:14

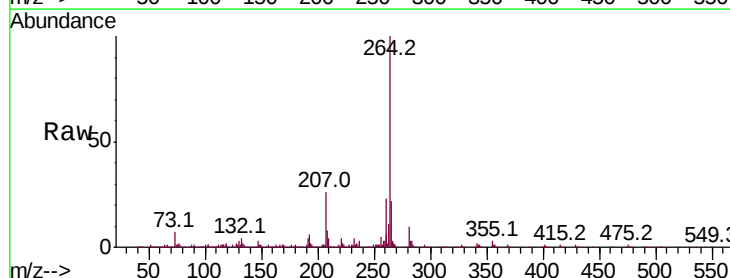
Tgt Ion:264 Resp: 949978

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.6 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

