

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016478.D
 Acq On : 18 Aug 2018 17:45
 Operator : SJ/JU
 Sample : PB112126TB
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112126TB

Quant Time: Aug 20 02:27:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 16:27:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	10521	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	39519	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	26945	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	75819	20.00	ng	-0.01
75) Chrysene-d12	21.58	240	103003	20.00	ng	0.00
86) Perylene-d12	23.88	264	121240	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	106915	170.78	ng	0.00
7) Phenol-d6	7.22	99	137768	163.72	ng	-0.01
23) Nitrobenzene-d5	9.24	82	104528	110.16	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	89584	220.13	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	269531	104.02	ng	-0.01
78) Terphenyl-d14	20.03	244	874265	128.29	ng	0.00

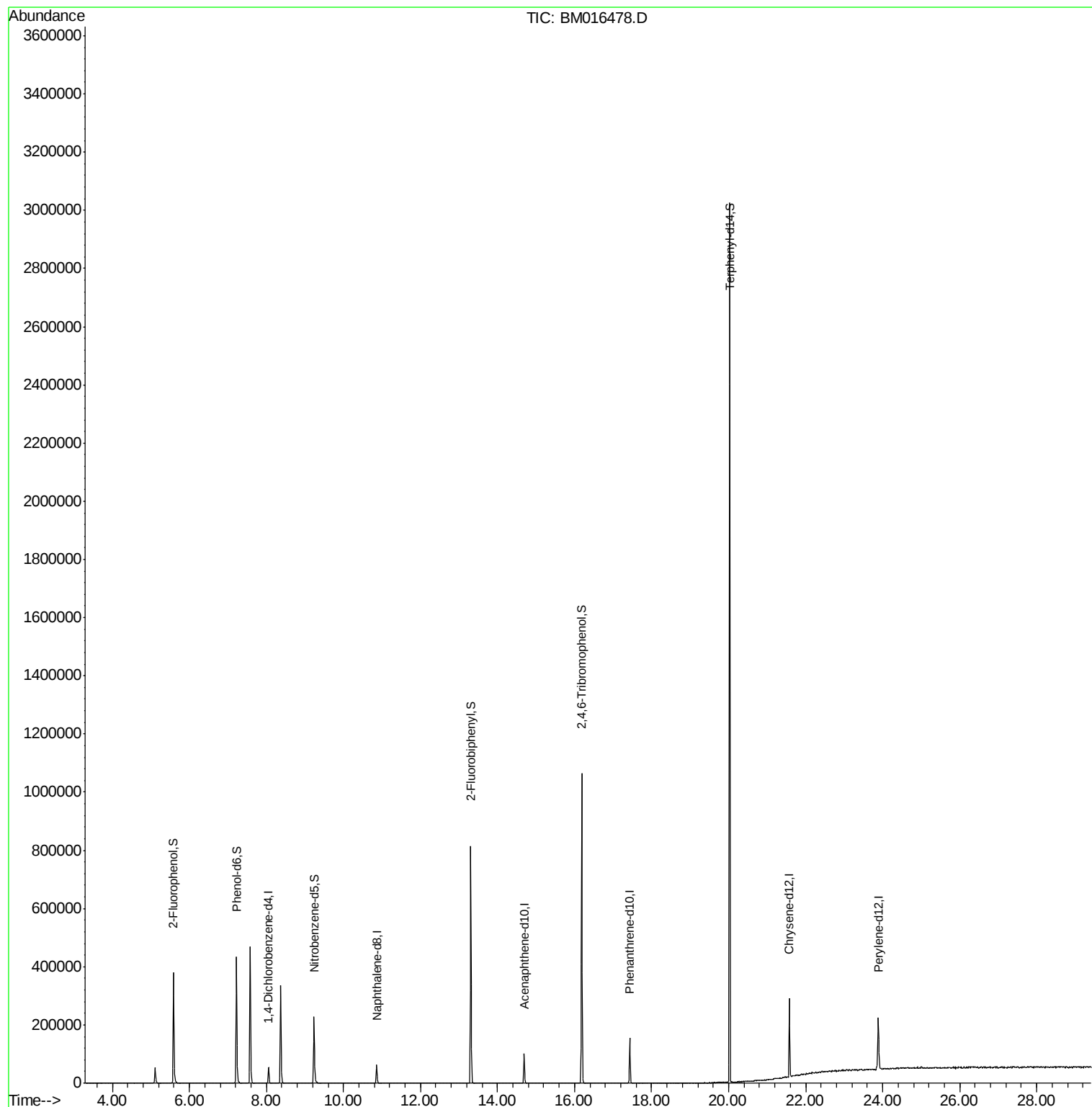
Target Compounds Qvalue

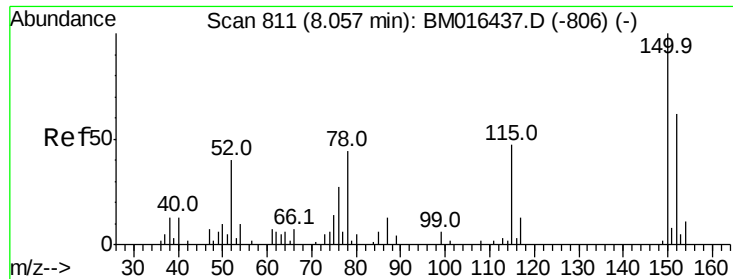
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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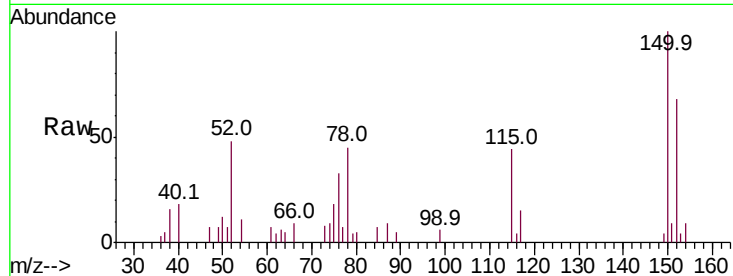


#1

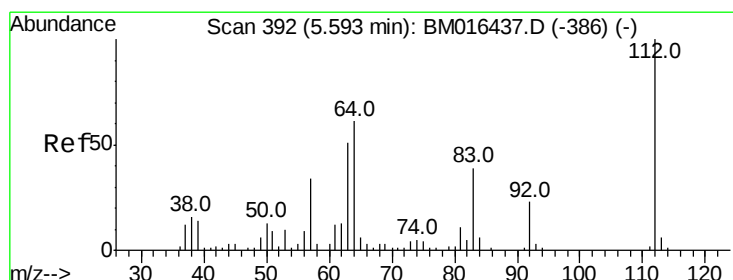
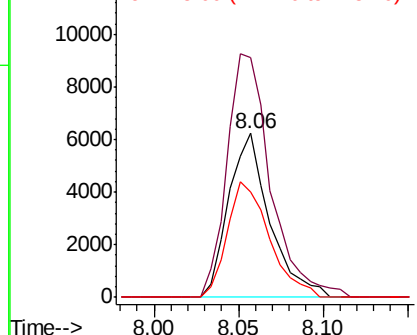
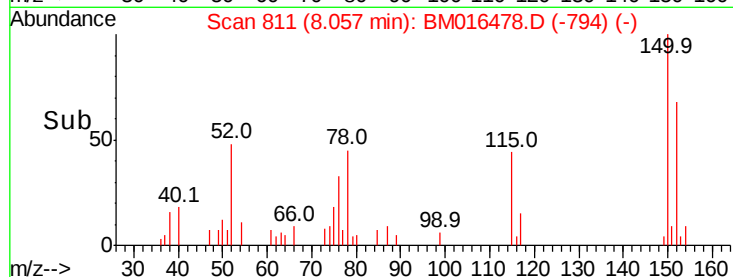
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BM016478.D
 Acq: 18 Aug 2018 17:45

Instrument :
 BNA_M
 ClientSampleId :
 PB112126TB

Tot Ion:152 Resp: 10521
 Ion Ratio Lower Upper
 152 100
 150 146.2 119.5 179.3
 115 64.0 43.0 64.4



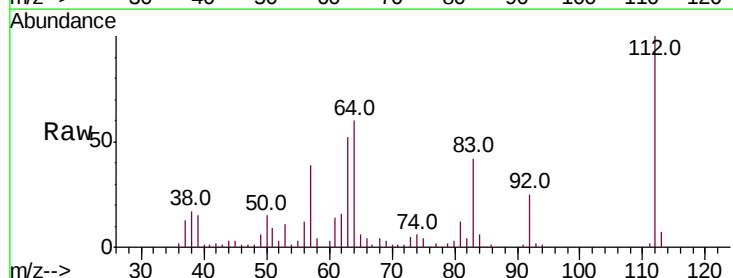
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



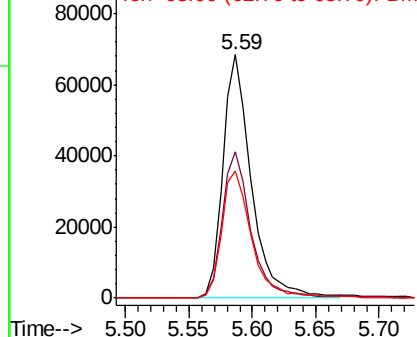
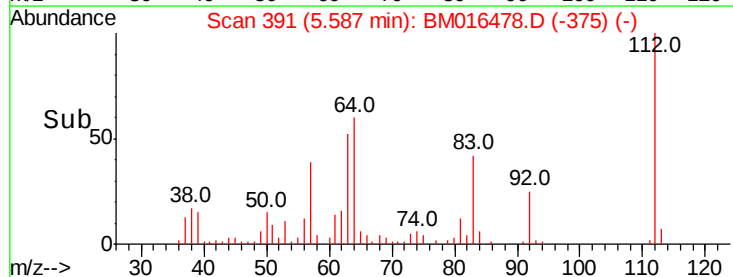
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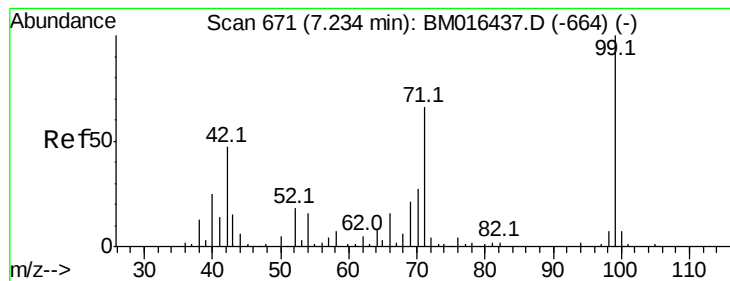
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.59 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: BM016478.D
 Acq: 18 Aug 2018 17:45

Tgt Ion:112 Resp: 106915
 Ion Ratio Lower Upper
 112 100
 64 60.1 38.6 57.8#
 63 52.5 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: N.D. ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM016478.D

Acq: 18 Aug 2018 17:45

Instrument :

BNA_M

ClientSampleId :

PB112126TB

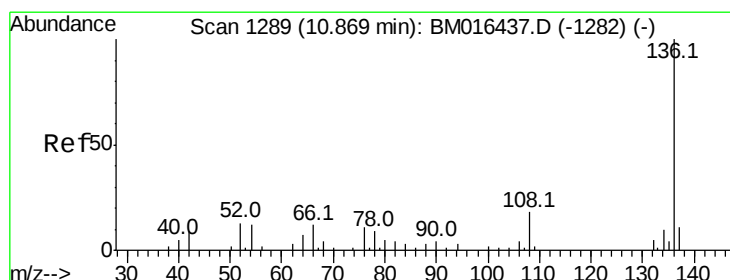
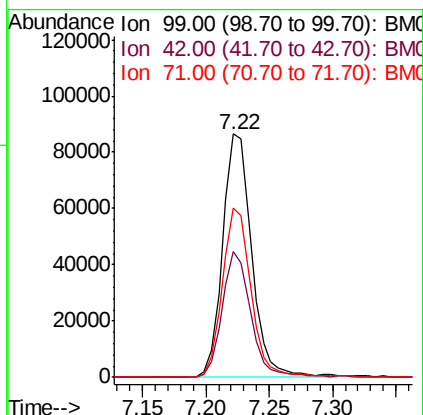
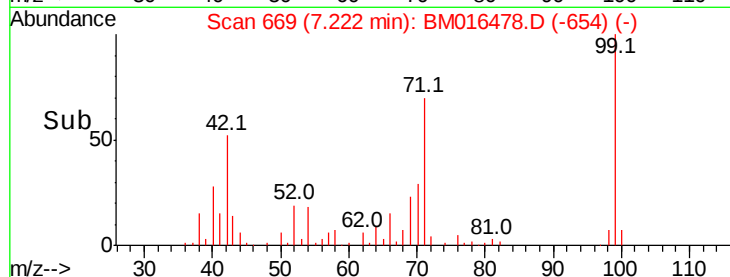
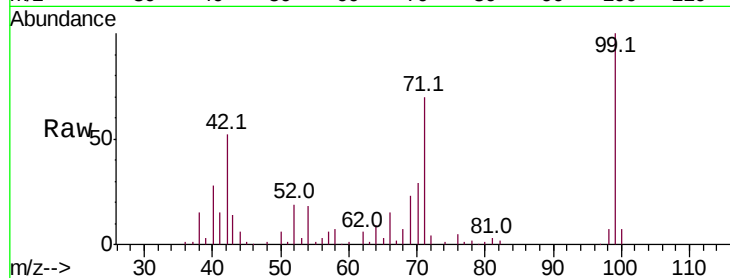
Tot Ion: 99 Resp: 137768

Ion Ratio Lower Upper

99 100

42 51.8 11.0 16.4#

71 69.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BM016478.D

Acq: 18 Aug 2018 17:45

Tgt Ion: 136 Resp: 39519

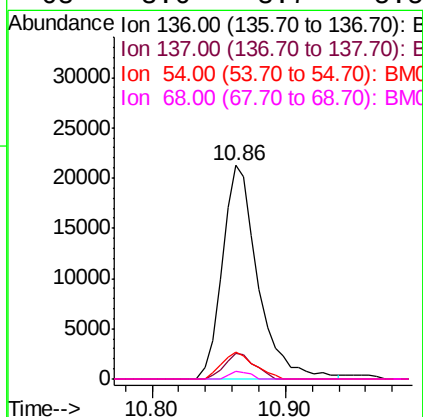
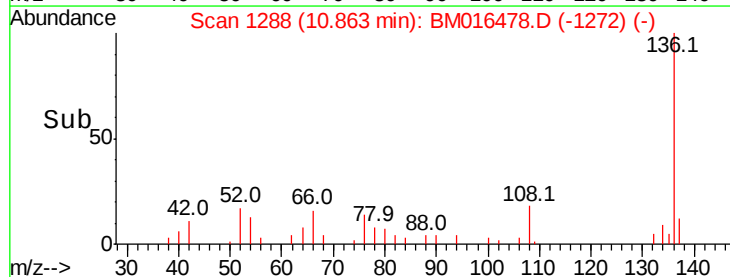
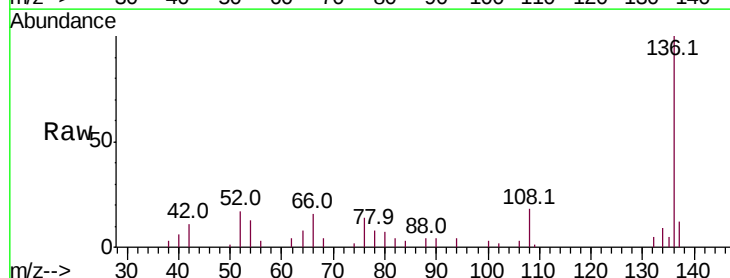
Ion Ratio Lower Upper

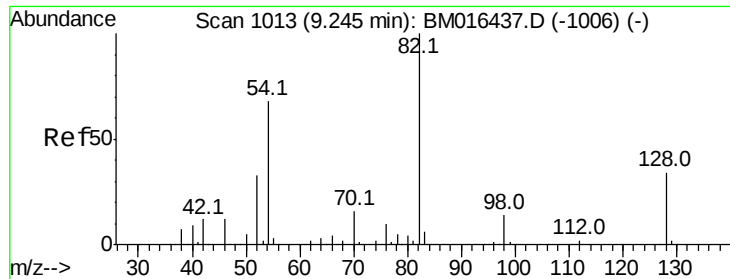
136 100

137 11.7 8.7 13.1

54 12.6 4.6 6.8#

68 3.6 3.7 5.5#

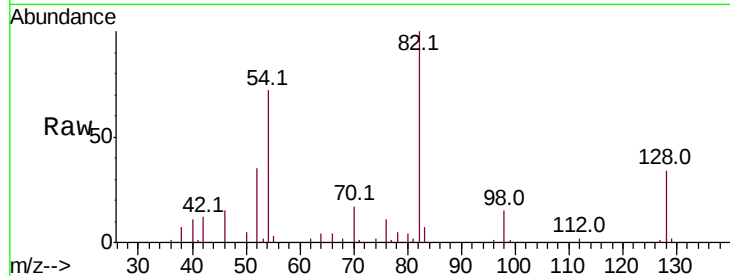




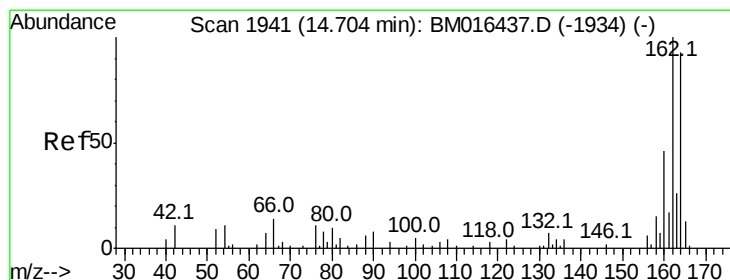
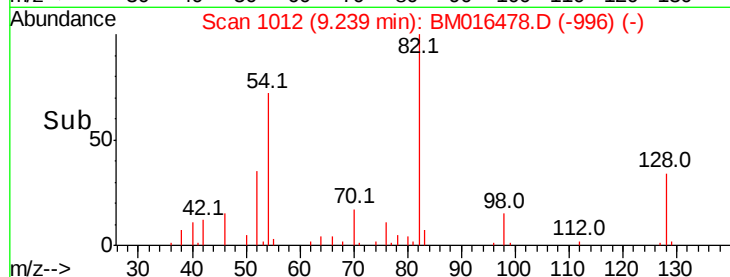
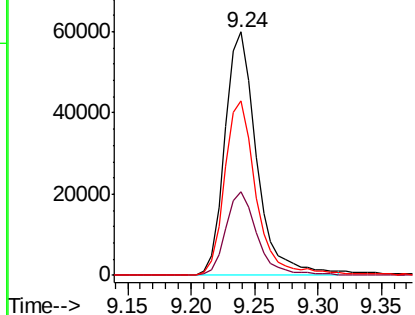
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016478.D
Acq: 18 Aug 2018 17:45

Instrument :
BNA_M
ClientSampleId :
PB112126TB

Tot Ion: 82 Resp: 104528
Ion Ratio Lower Upper
82 100
128 34.3 32.8 49.2
54 71.8 40.6 60.8#

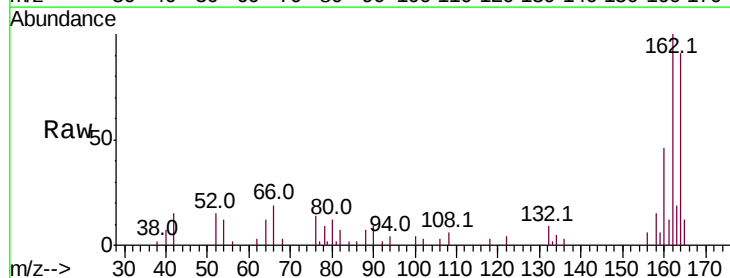


Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

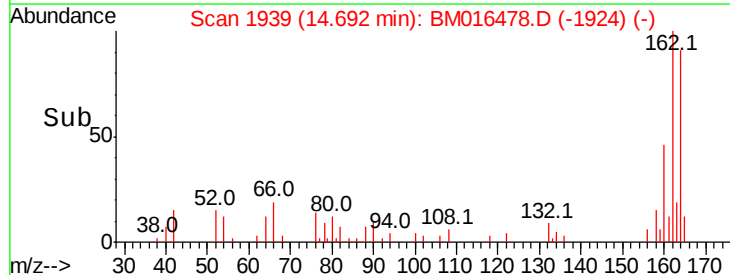
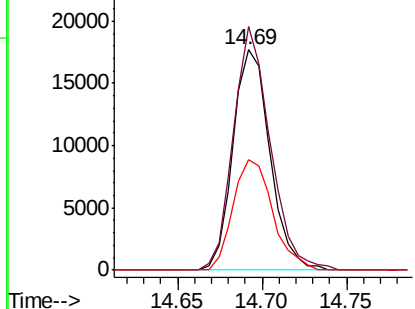


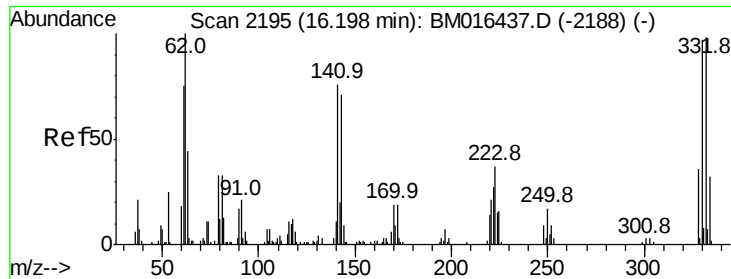
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM016478.D
Acq: 18 Aug 2018 17:45

Tgt Ion:164 Resp: 26945
Ion Ratio Lower Upper
164 100
162 110.5 82.4 123.6
160 50.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

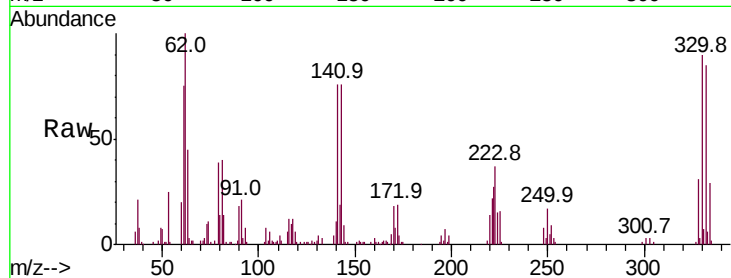




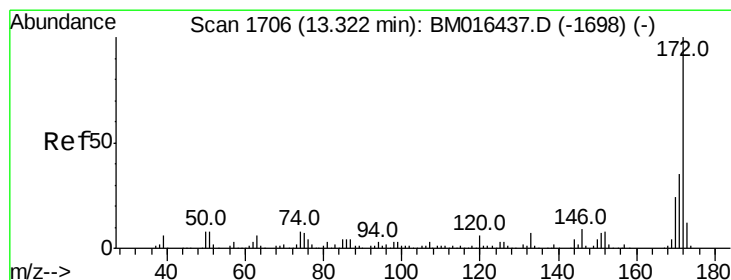
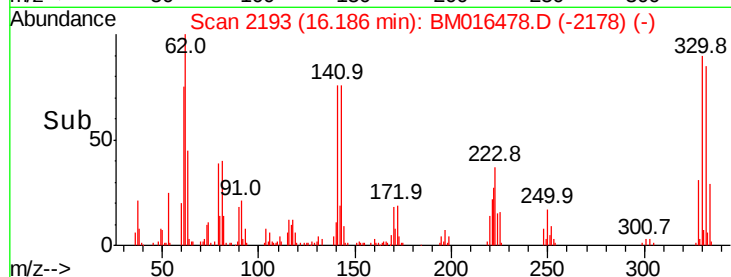
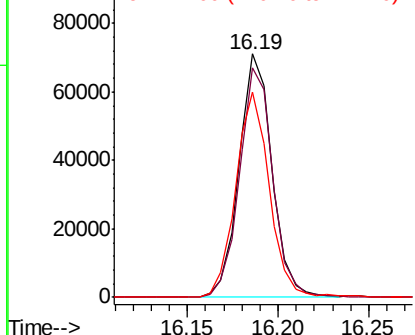
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.19 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM016478.D
 Acq: 18 Aug 2018 17:45

Instrument :
 BNA_M
 ClientSampleId :
 PB112126TB

Tot Ion:330 Resp: 89584
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 86.1 0.0 0.0#

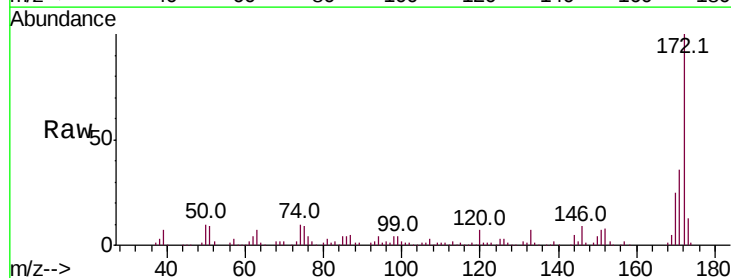


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

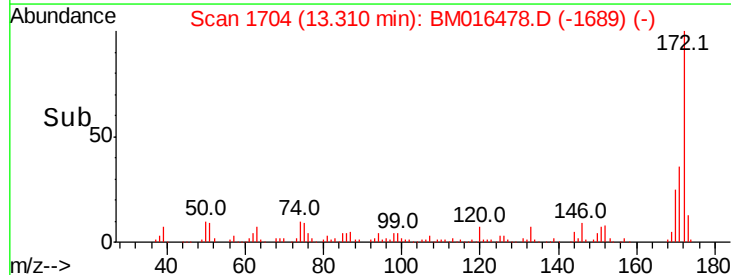
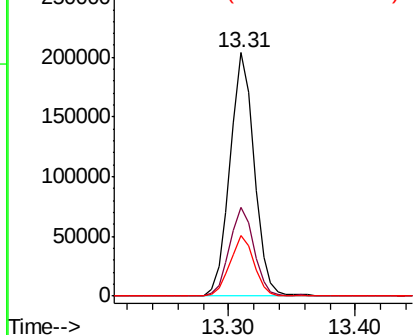


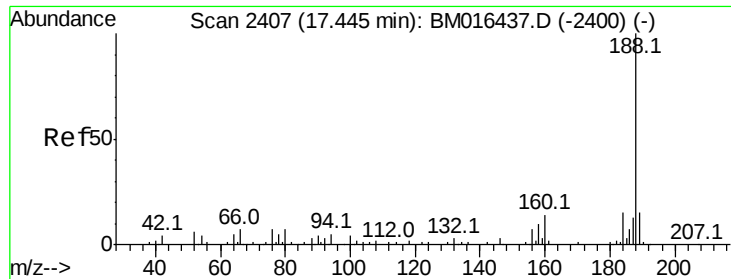
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.31 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM016478.D
 Acq: 18 Aug 2018 17:45

Tgt Ion:172 Resp: 269531
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 24.9 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

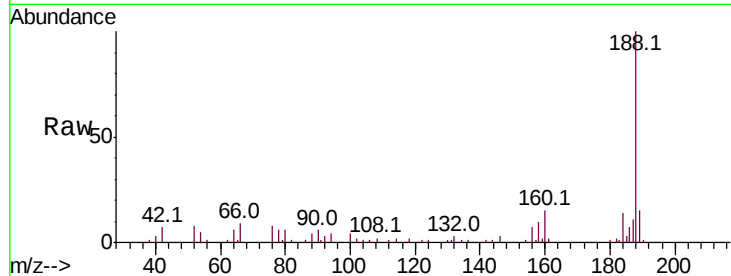




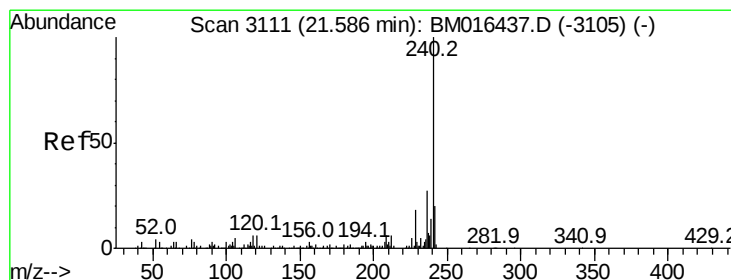
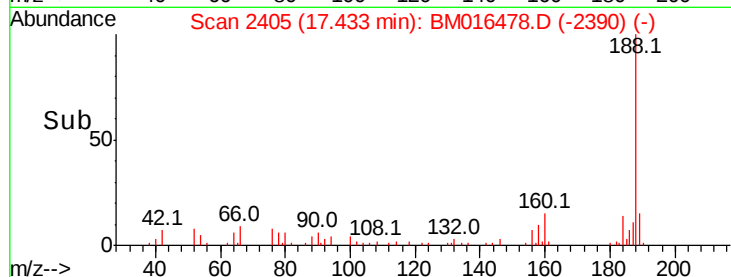
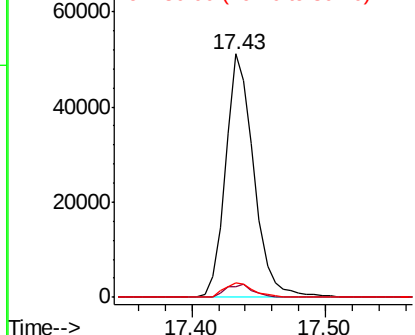
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BM016478.D
 Acq: 18 Aug 2018 17:45

Instrument :
 BNA_M
 ClientSampleId :
 PB112126TB

Tot Ion:188 Resp: 75819
 Ion Ratio Lower Upper
 188 100
 94 4.2 8.7 13.1#
 80 5.7 9.3 13.9#

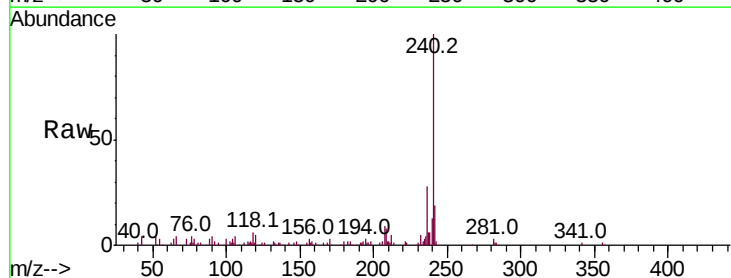


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

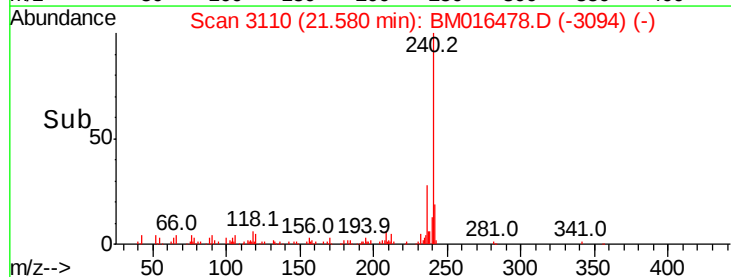
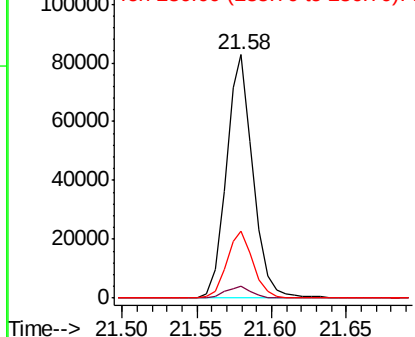


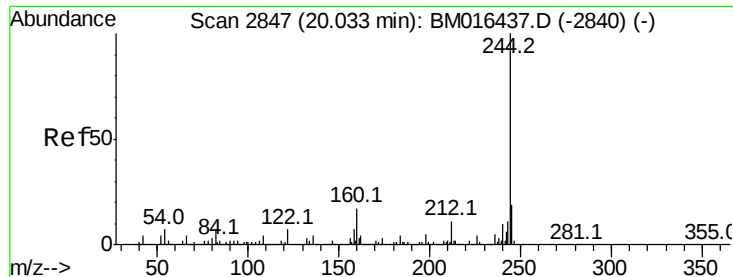
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.58 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM016478.D
 Acq: 18 Aug 2018 17:45

Tgt Ion:240 Resp: 103003
 Ion Ratio Lower Upper
 240 100
 120 4.7 8.2 12.2#
 236 27.7 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: N.D. ng

RT: 20.03 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BM016478.D

Acq: 18 Aug 2018 17:45

Instrument :

BNA_M

ClientSampleId :

PB112126TB

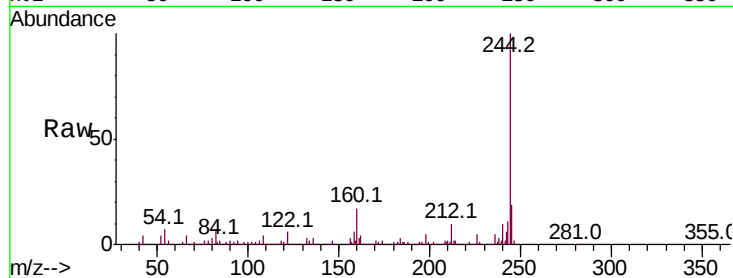
Tot Ion:244 Resp: 874265

Ion Ratio Lower Upper

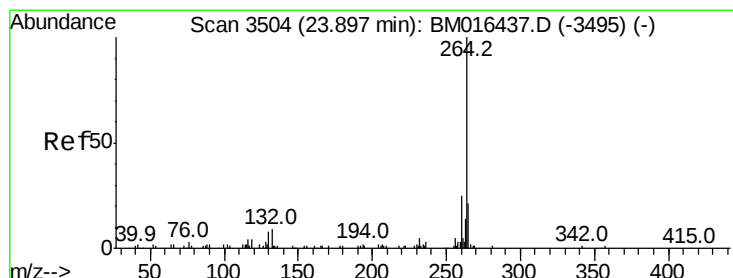
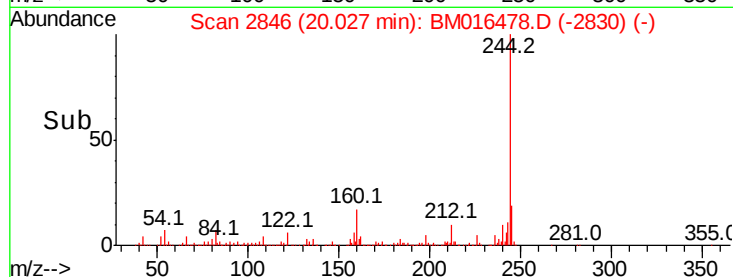
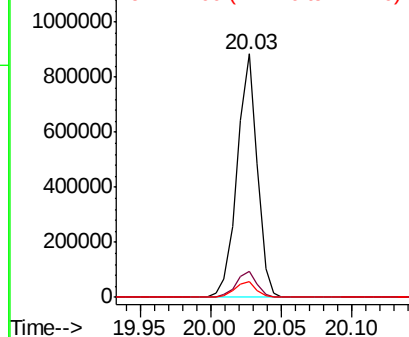
244 100

212 10.5 4.9 7.3#

122 6.5 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E
1200000
Ion 212.00 (211.70 to 212.70): E
1000000
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.88 min Scan# 3501

Delta R.T. -0.02 min

Lab File: BM016478.D

Acq: 18 Aug 2018 17:45

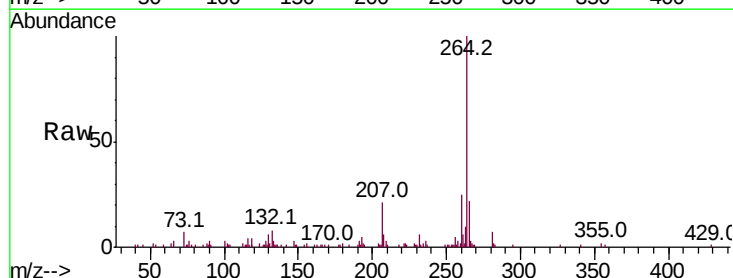
Tgt Ion:264 Resp: 121240

Ion Ratio Lower Upper

264 100

260 24.8 18.6 27.8

265 21.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
80000
Ion 260.00 (259.70 to 260.70): E
60000
Ion 265.00 (264.70 to 265.70): E

