

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016461.D
 Acq On : 18 Aug 2018 05:36
 Operator : SJ/JU
 Sample : PB112169TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112169TB

Quant Time: Aug 18 06:34:41 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	10043	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	36261	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	24565	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	69800	20.00	ng	0.00
75) Chrysene-d12	21.58	240	97434	20.00	ng	0.00
86) Perylene-d12	23.89	264	113839	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	72310	121.00	ng	0.00
7) Phenol-d6	7.23	99	89868	111.88	ng	0.00
23) Nitrobenzene-d5	9.24	82	70600	81.09	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	53307	143.68	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	179170	75.84	ng	-0.01
78) Terphenyl-d14	20.03	244	487581	75.63	ng	0.00

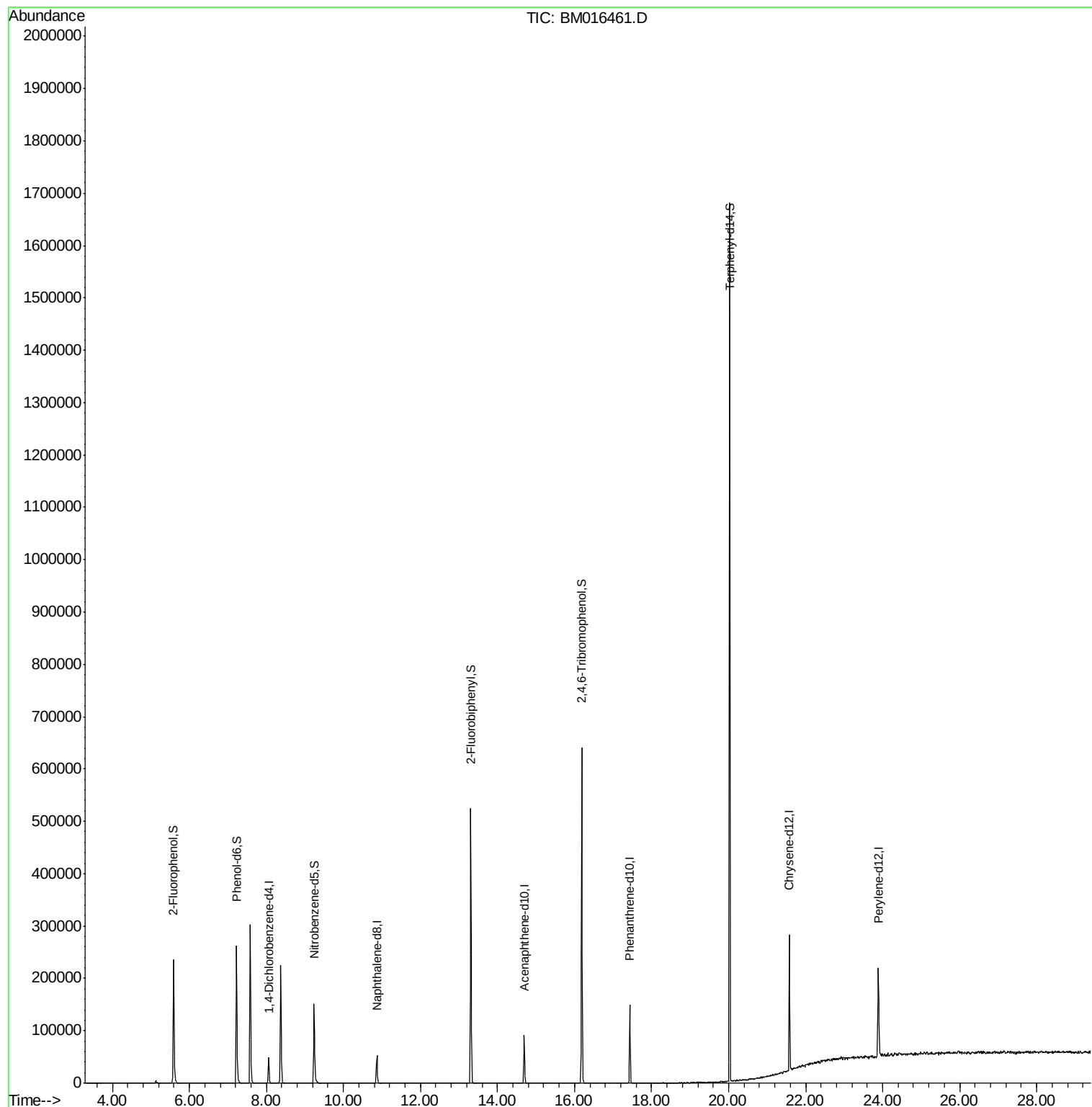
Target Compounds Qvalue

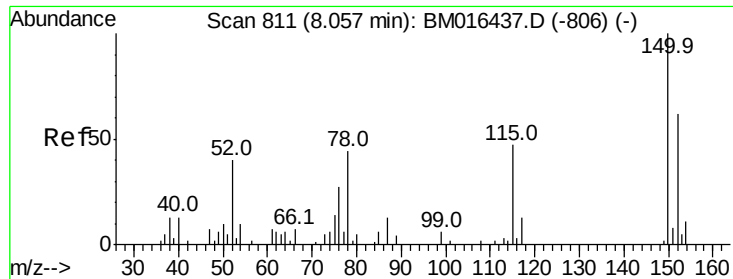
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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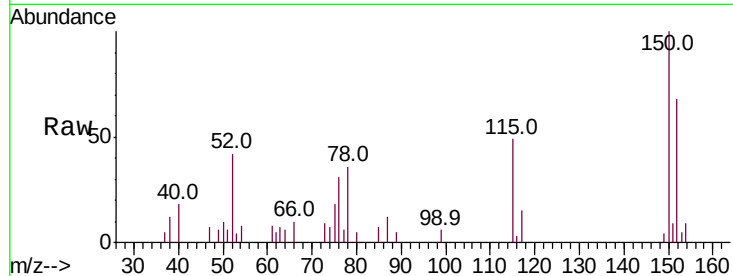


#1

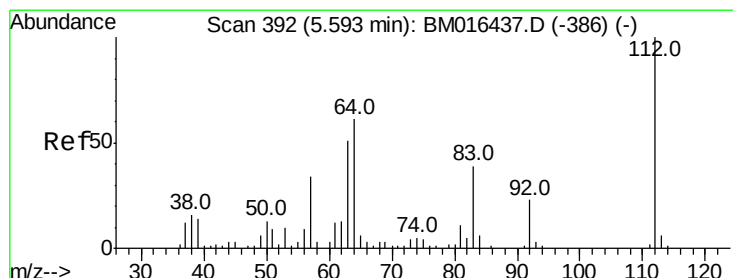
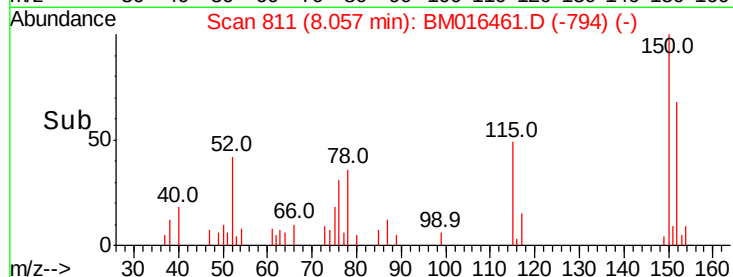
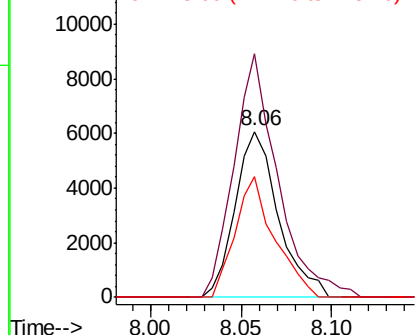
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BM016461.D
Acq: 18 Aug 2018 05:36

Instrument :
BNA_M
ClientSampleId :
PB112169TB

Tot Ion:152 Resp: 10043
Ion Ratio Lower Upper
152 100
150 146.8 119.5 179.3
115 72.5 43.0 64.4#



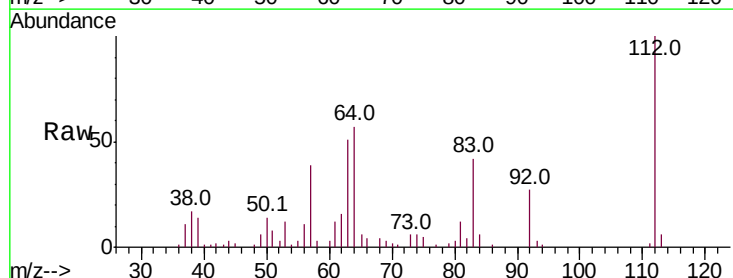
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



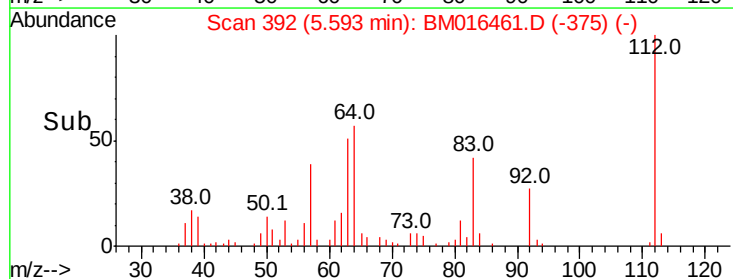
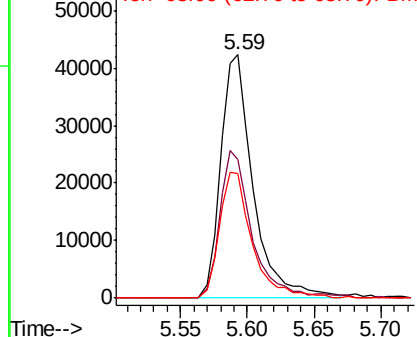
#5

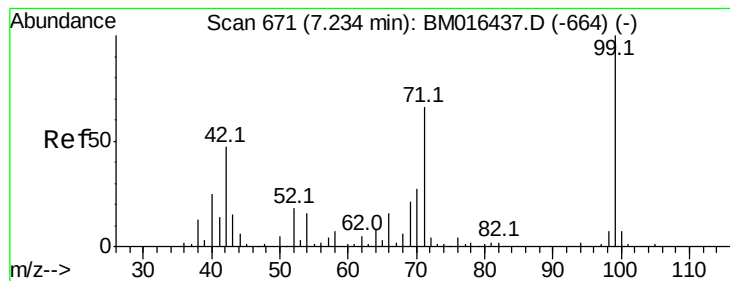
2-Fluorophenol
Concen: N.D. ng
RT: 5.59 min Scan# 392
Delta R.T. 0.00 min
Lab File: BM016461.D
Acq: 18 Aug 2018 05:36

Tgt Ion:112 Resp: 72310
Ion Ratio Lower Upper
112 100
64 56.9 38.6 57.8
63 51.1 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: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM016461.D

Acq: 18 Aug 2018 05:36

Instrument :

BNA_M

ClientSampleId :

PB112169TB

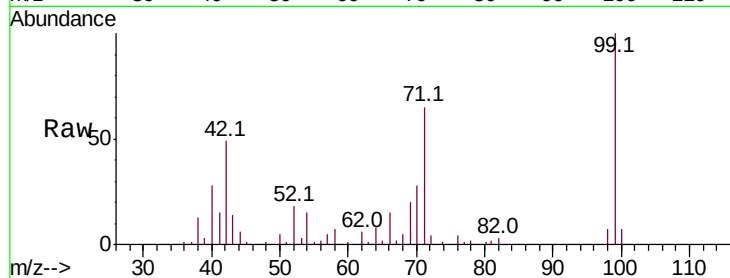
Tot Ion: 99 Resp: 89868

Ion Ratio Lower Upper

99 100

42 48.8 11.0 16.4#

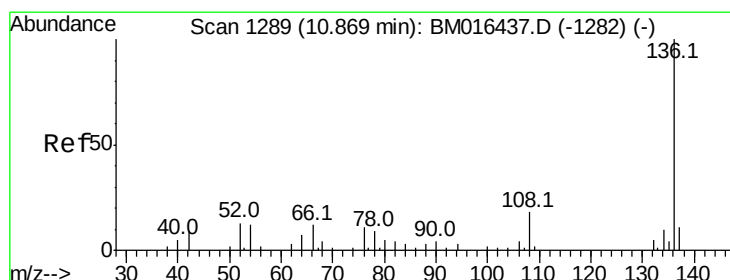
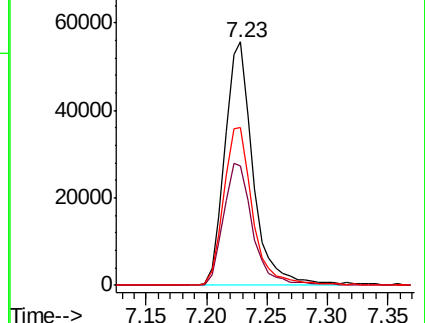
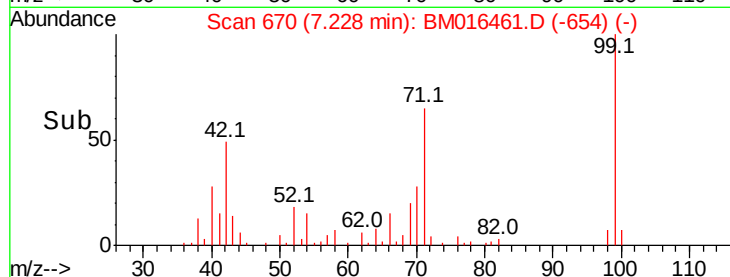
71 64.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016461.D (-654) (-)

Ion 42.00 (41.70 to 42.70): BM016461.D (-654) (-)

Ion 71.00 (70.70 to 71.70): BM016461.D (-654) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM016461.D

Acq: 18 Aug 2018 05:36

Tgt Ion: 136 Resp: 36261

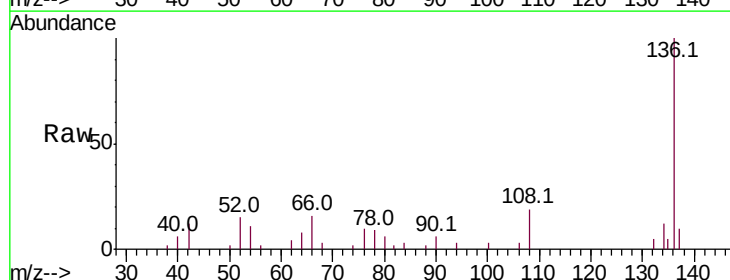
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 11.5 4.6 6.8#

68 2.9 3.7 5.5#

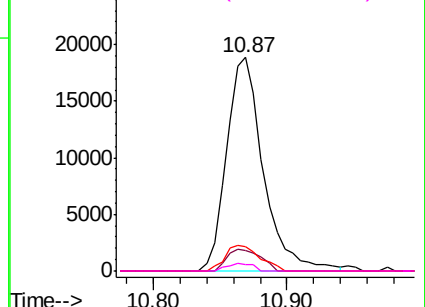
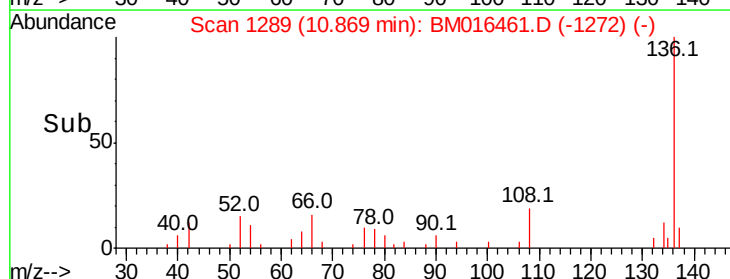


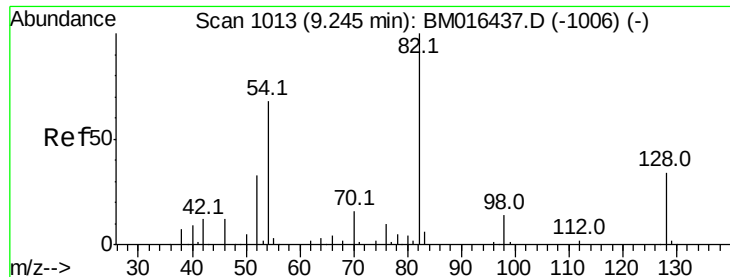
Abundance Ion 136.00 (135.70 to 136.70): BM016461.D (-1272) (-)

Ion 137.00 (136.70 to 137.70): BM016461.D (-1272) (-)

Ion 54.00 (53.70 to 54.70): BM016461.D (-1272) (-)

Ion 68.00 (67.70 to 68.70): BM016461.D (-1272) (-)

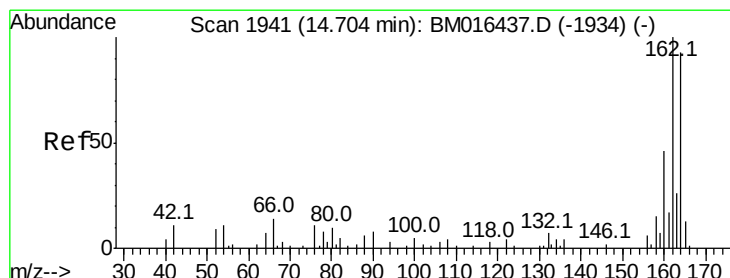
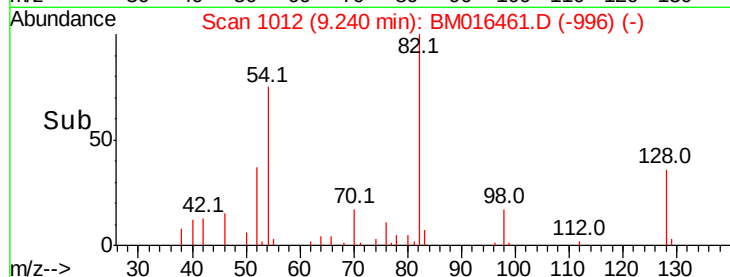
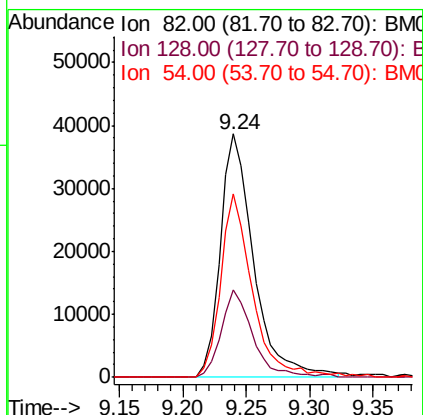
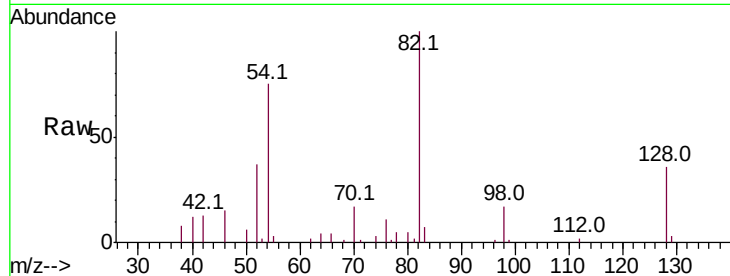




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016461.D
Acq: 18 Aug 2018 05:36

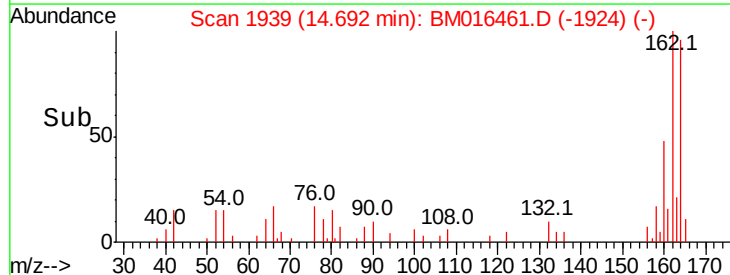
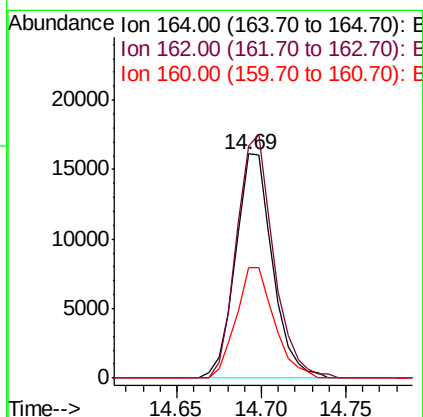
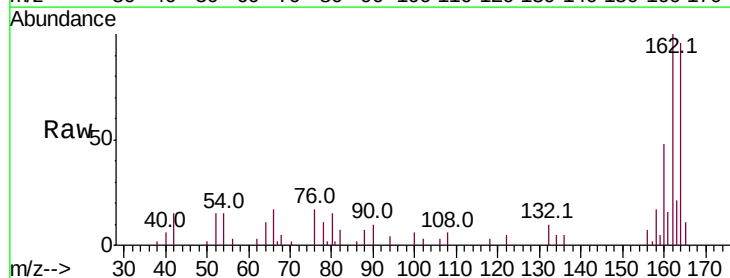
Instrument :
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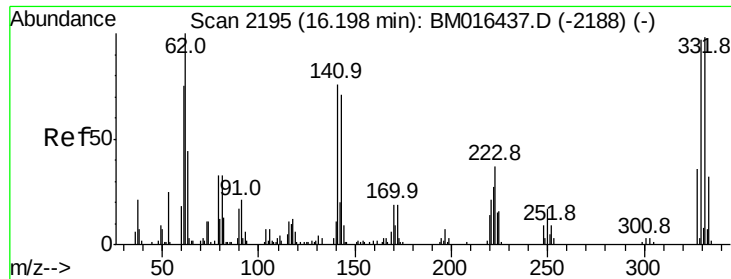
Tot Ion: 82 Resp: 70600
Ion Ratio Lower Upper
82 100
128 35.9 32.8 49.2
54 75.2 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM016461.D
Acq: 18 Aug 2018 05:36

Tgt Ion:164 Resp: 24565
Ion Ratio Lower Upper
164 100
162 103.7 82.4 123.6
160 49.5 35.8 53.6

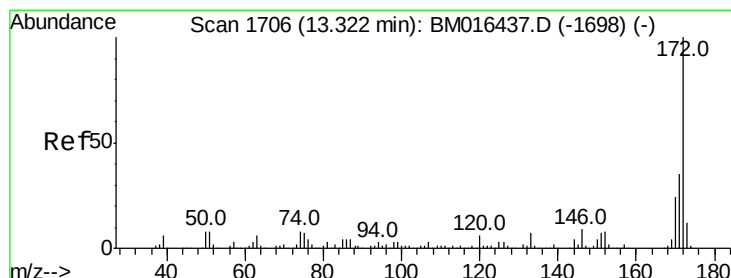
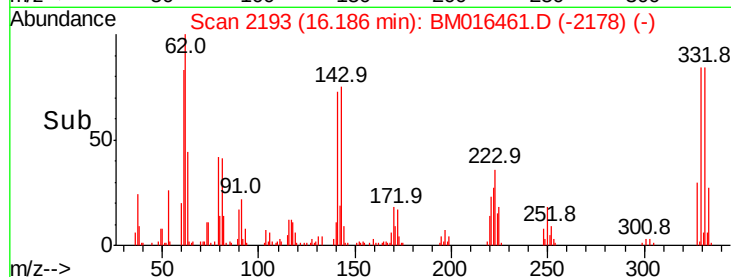
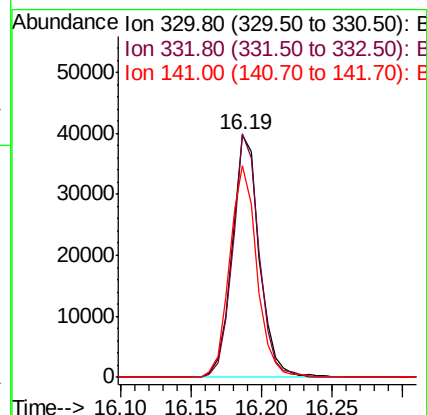
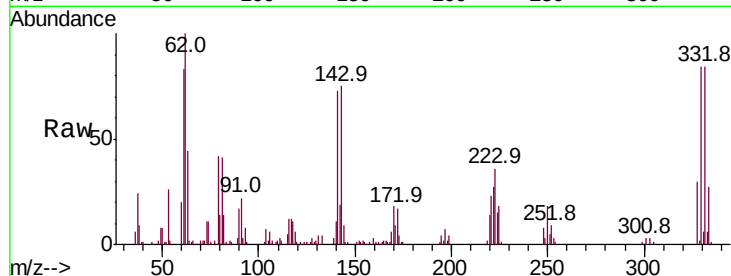




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.19 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM016461.D
 Acq: 18 Aug 2018 05:36

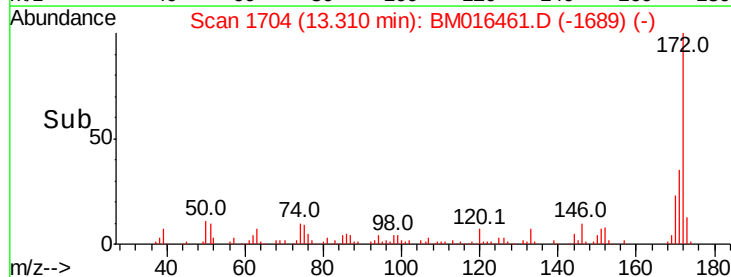
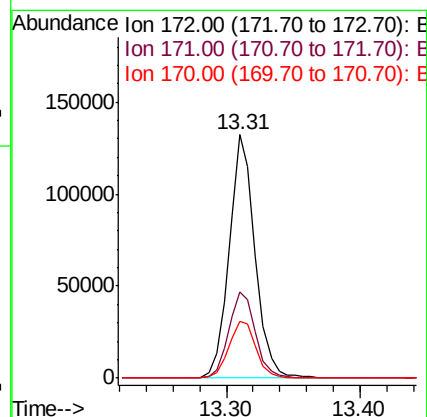
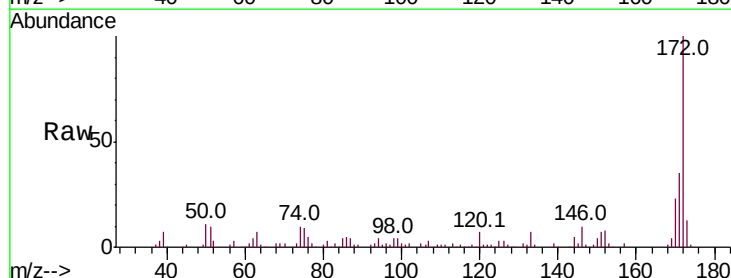
Instrument :
 BNA_M
 ClientSampleId :
 PB112169TB

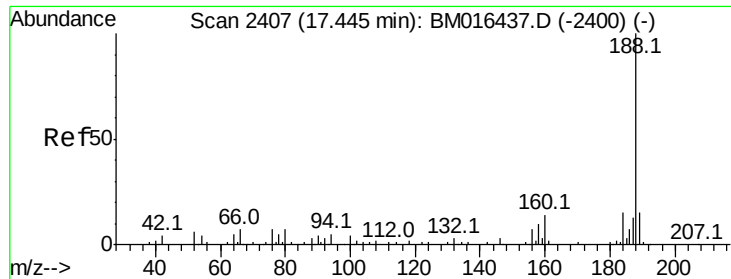
Tot Ion:330 Resp: 53307
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 87.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.31 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM016461.D
 Acq: 18 Aug 2018 05:36

Tgt Ion:172 Resp: 179170
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.4 18.8 28.2

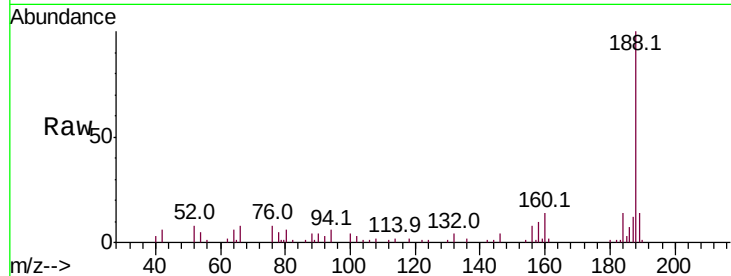




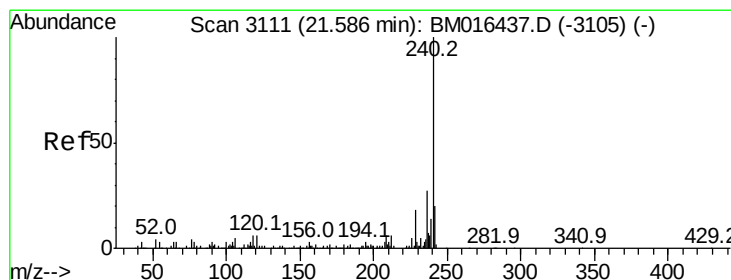
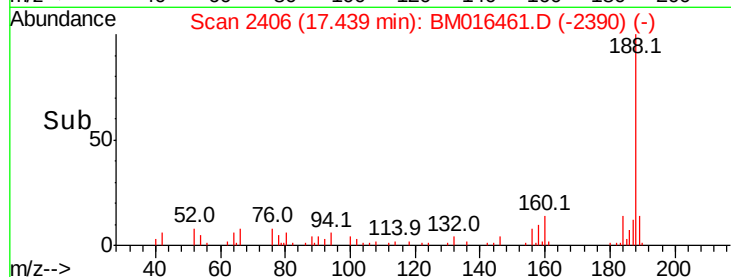
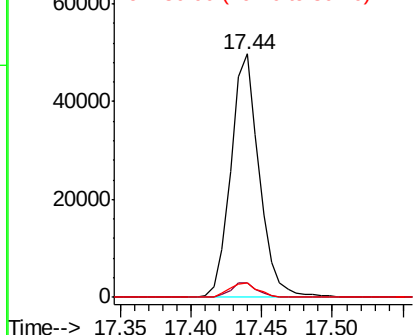
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM016461.D
Acq: 18 Aug 2018 05:36

Instrument :
BNA_M
ClientSampleId :
PB112169TB

Tot Ion:188 Resp: 69800
Ion Ratio Lower Upper
188 100
94 5.8 8.7 13.1#
80 5.7 9.3 13.9#

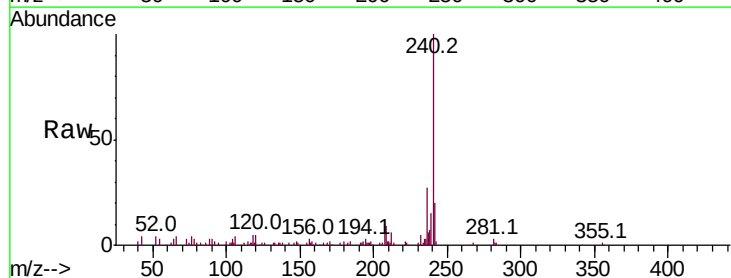


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

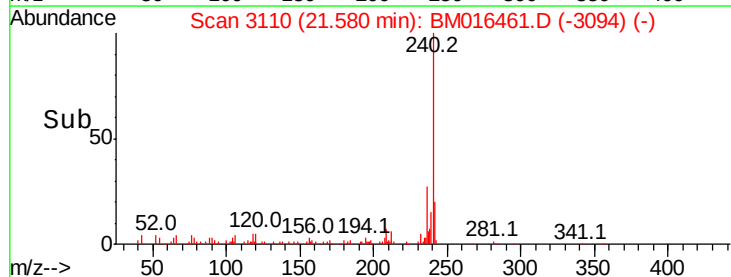
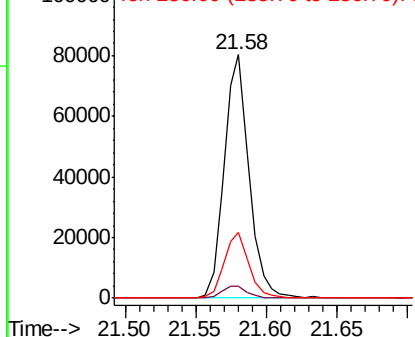


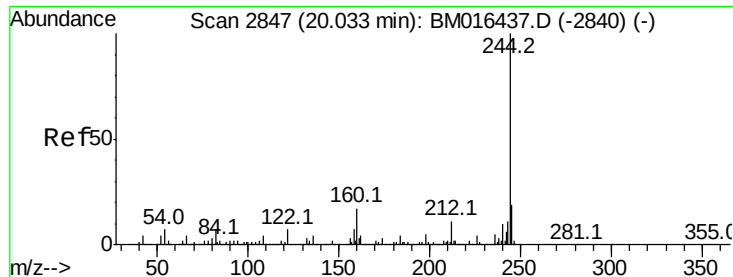
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016461.D
Acq: 18 Aug 2018 05:36

Tgt Ion:240 Resp: 97434
Ion Ratio Lower Upper
240 100
120 4.8 8.2 12.2#
236 26.8 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. -0.00 min

Lab File: BM016461.D

Acq: 18 Aug 2018 05:36

Instrument :

BNA_M

ClientSampleId :

PB112169TB

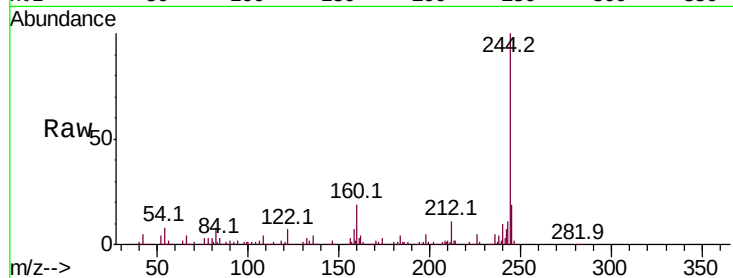
Tot Ion:244 Resp: 487581

Ion Ratio Lower Upper

244 100

212 10.8 4.9 7.3#

122 6.8 6.2 9.4

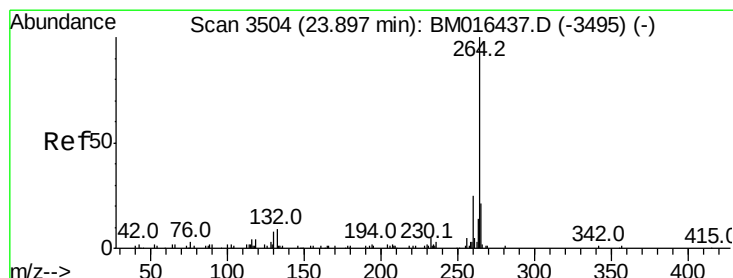
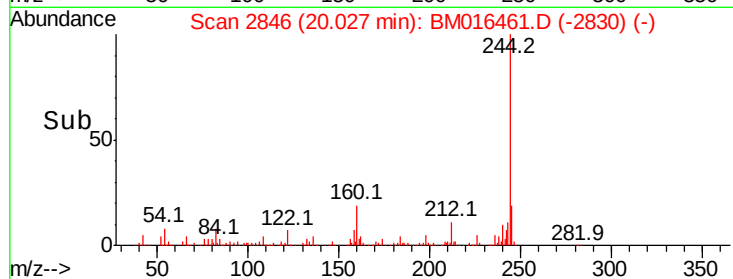
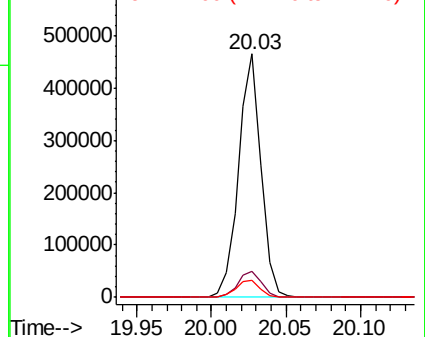


Abundance

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: 23.89 min Scan# 3502

Delta R.T. -0.01 min

Lab File: BM016461.D

Acq: 18 Aug 2018 05:36

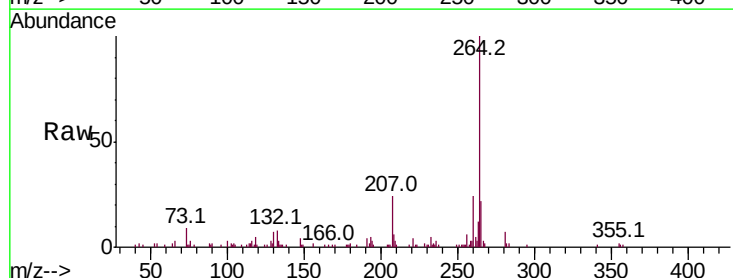
Tgt Ion:264 Resp: 113839

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.8 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

