

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016451.D
 Acq On : 17 Aug 2018 23:31
 Operator : SJ/JU
 Sample : J4500-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7

Quant Time: Aug 18 03:07:26 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	15300	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	52873	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	35778	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	97375	20.00	ng	0.00
75) Chrysene-d12	21.58	240	142415	20.00	ng	0.00
86) Perylene-d12	23.89	264	157854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	120255	132.09	ng	0.00
7) Phenol-d6	7.23	99	129293	105.66	ng	0.00
23) Nitrobenzene-d5	9.24	82	141634	111.56	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	112841	208.82	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	334464	97.21	ng	0.00
78) Terphenyl-d14	20.03	244	1132414	120.18	ng	0.00

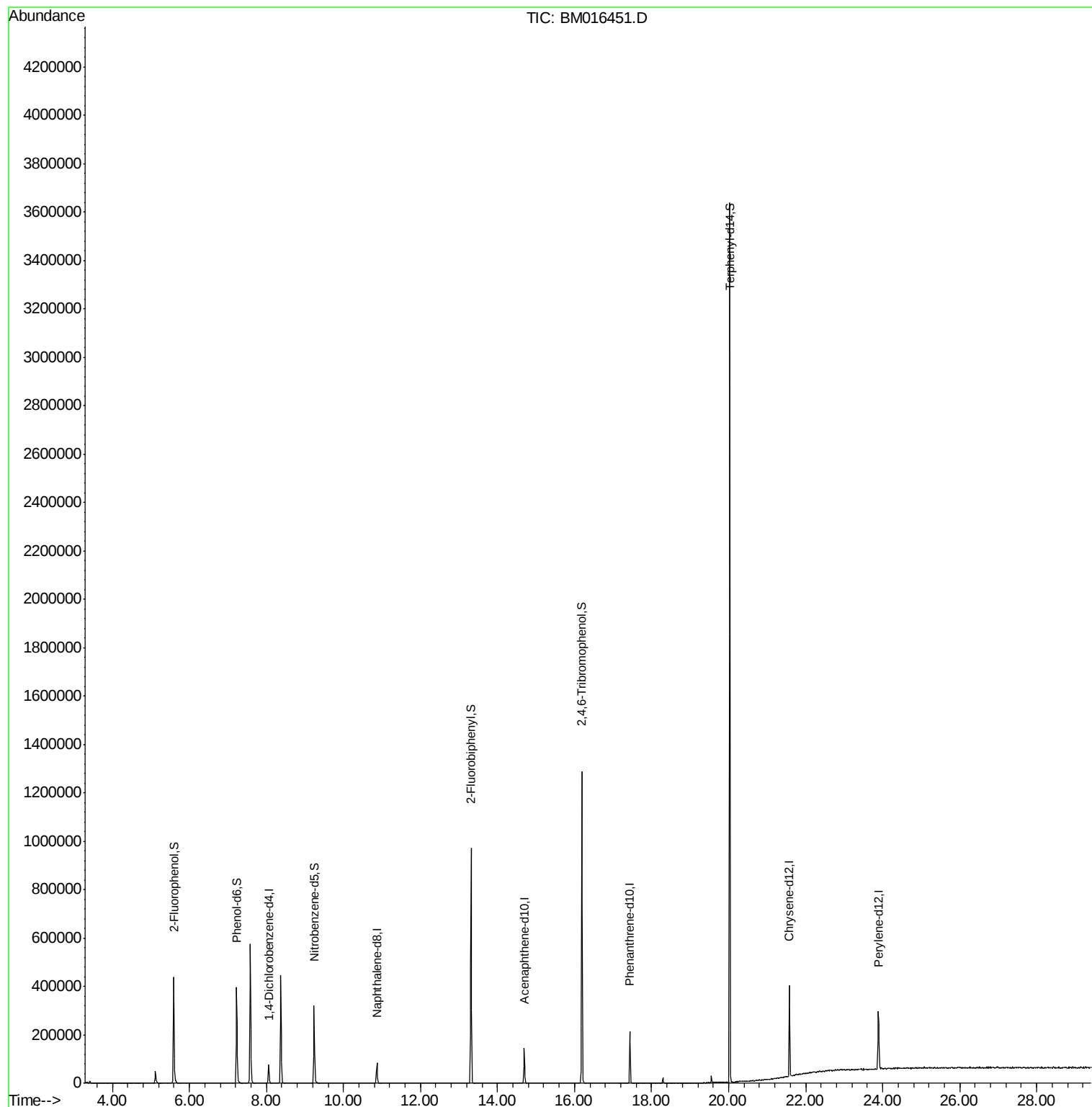
Target Compounds Qvalue

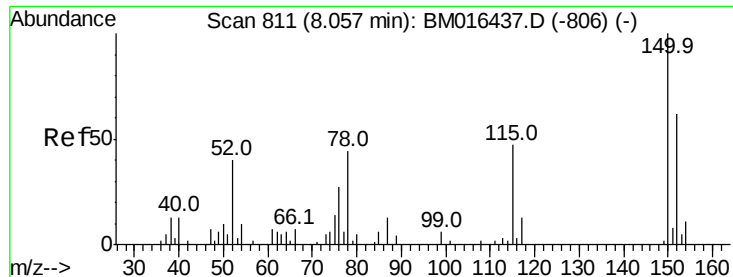
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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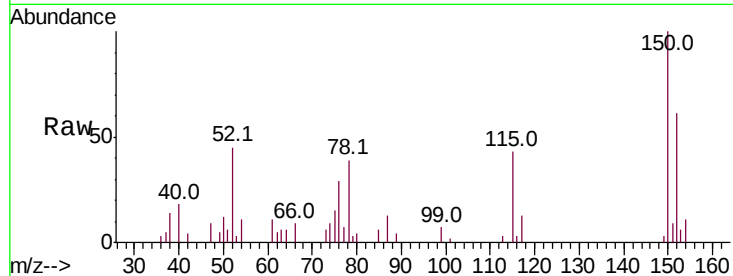


#1

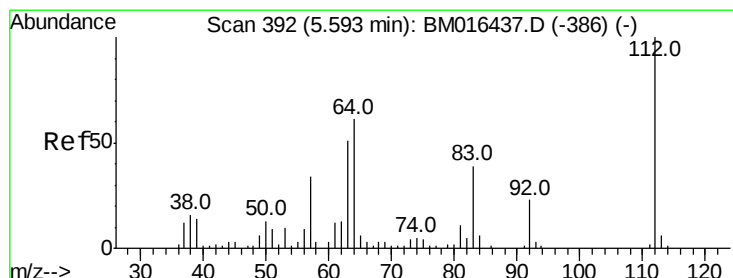
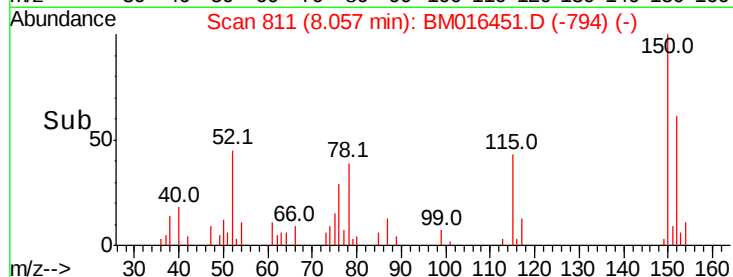
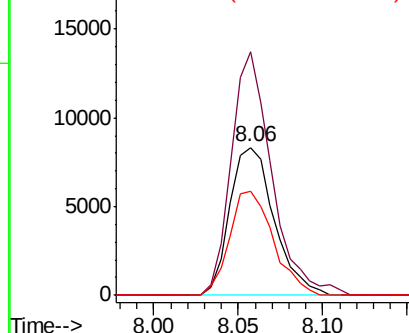
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BM016451.D
 Acq: 17 Aug 2018 23:31

Instrument :
 BNA_M
 ClientSampleId :
 TP-7

Tot Ion:152 Resp: 15300
 Ion Ratio Lower Upper
 152 100
 150 164.9 119.5 179.3
 115 70.3 43.0 64.4#



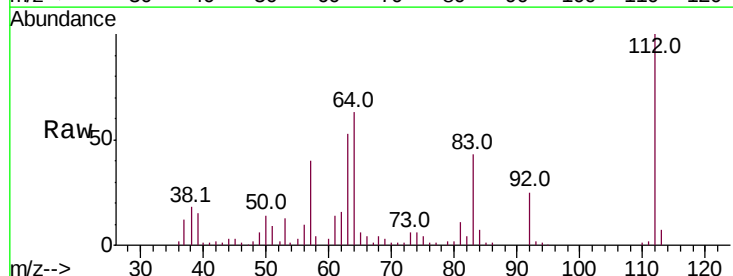
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



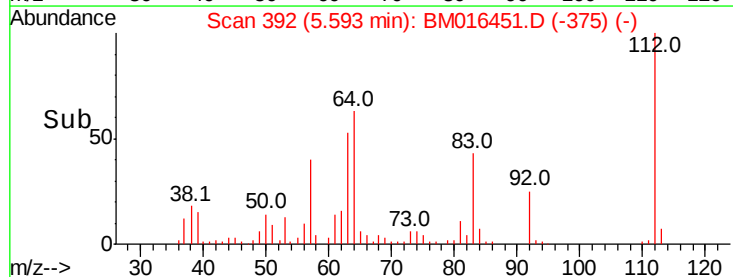
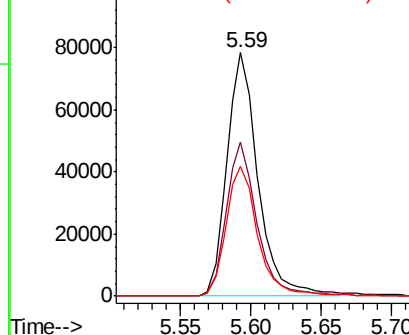
#5

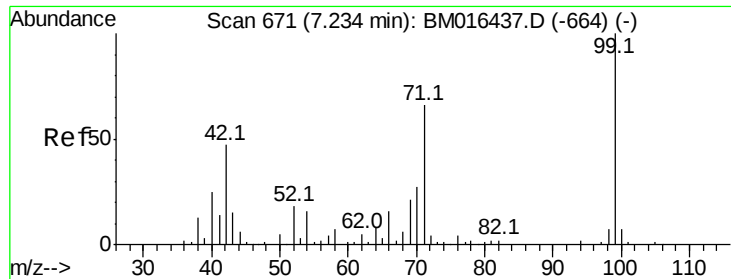
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.59 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BM016451.D
 Acq: 17 Aug 2018 23:31

Tgt Ion:112 Resp: 120255
 Ion Ratio Lower Upper
 112 100
 64 63.2 38.6 57.8#
 63 53.4 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: N.D. ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM016451.D

Acq: 17 Aug 2018 23:31

Instrument :

BNA_M

ClientSampleId :

TP-7

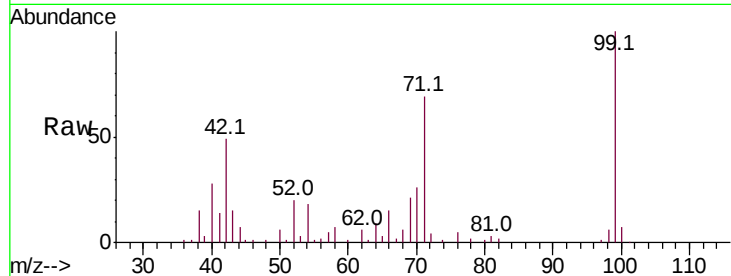
Tot Ion: 99 Resp: 129293

Ion Ratio Lower Upper

99 100

42 49.1 11.0 16.4#

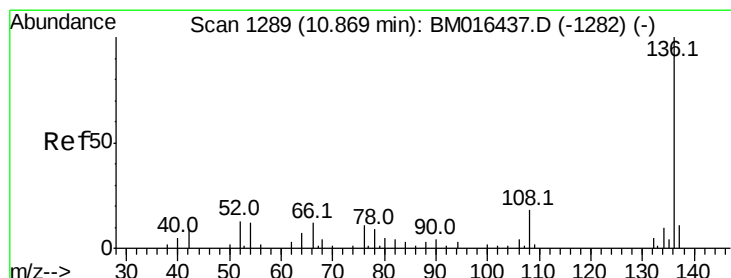
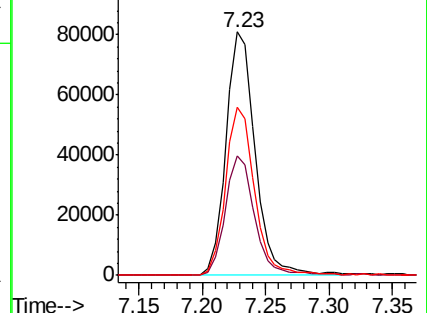
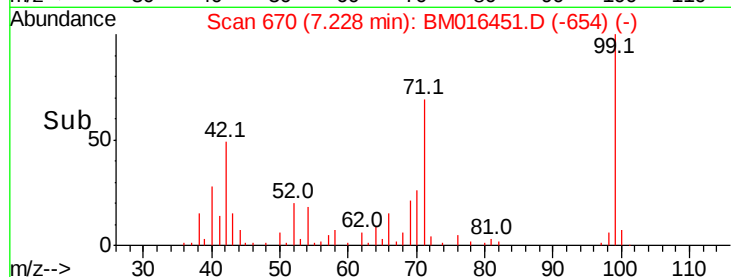
71 69.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016451.D (-654) (-)

Ion 42.00 (41.70 to 42.70): BM016451.D (-654) (-)

Ion 71.00 (70.70 to 71.70): BM016451.D (-654) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM016451.D

Acq: 17 Aug 2018 23:31

Tgt Ion: 136 Resp: 52873

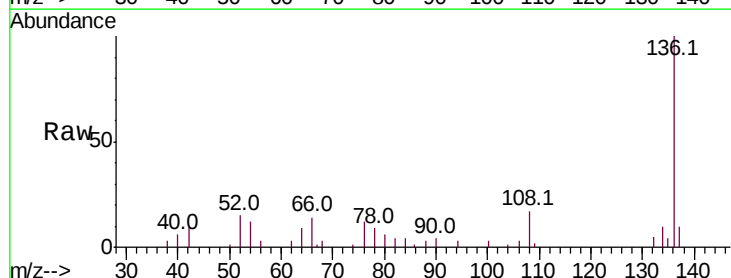
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 12.4 4.6 6.8#

68 3.2 3.7 5.5#

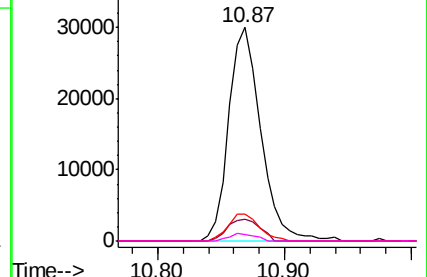
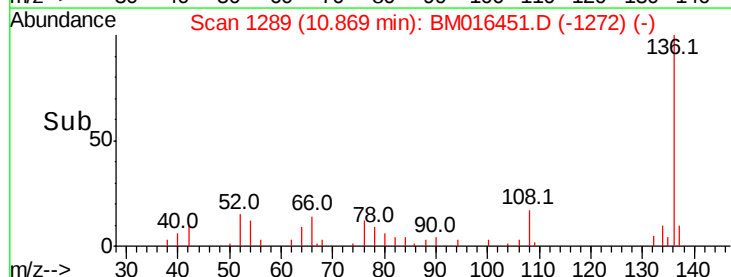


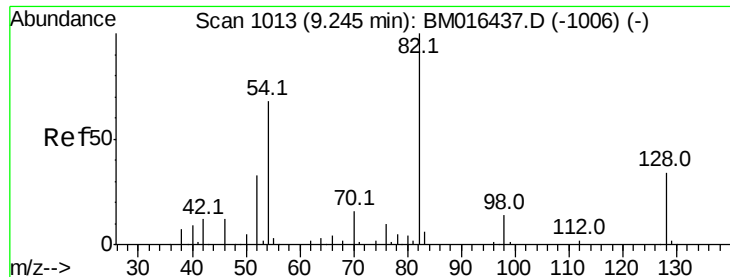
Abundance Ion 136.00 (135.70 to 136.70): BM016451.D (-1272) (-)

Ion 137.00 (136.70 to 137.70): BM016451.D (-1272) (-)

Ion 54.00 (53.70 to 54.70): BM016451.D (-1272) (-)

Ion 68.00 (67.70 to 68.70): BM016451.D (-1272) (-)





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.24 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BM016451.D

Acq: 17 Aug 2018 23:31

Instrument :

BNA_M

ClientSampleId :

TP-7

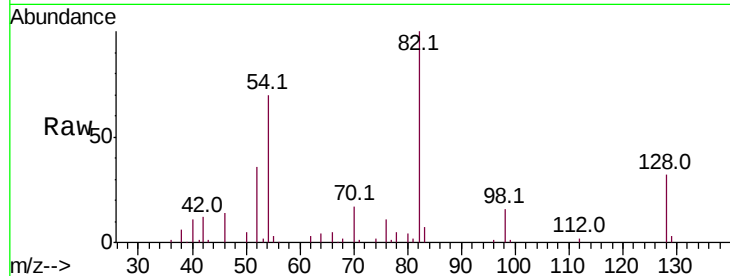
Tot Ion: 82 Resp: 141634

Ion Ratio Lower Upper

82 100

128 32.5 32.8 49.2#

54 69.6 40.6 60.8#

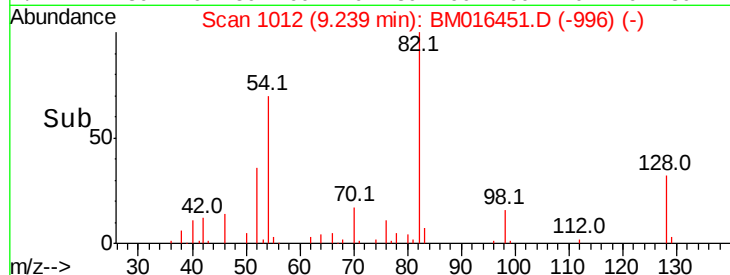


Abundance Ion 82.00 (81.70 to 82.70): BM016437.D (-1006) (-)

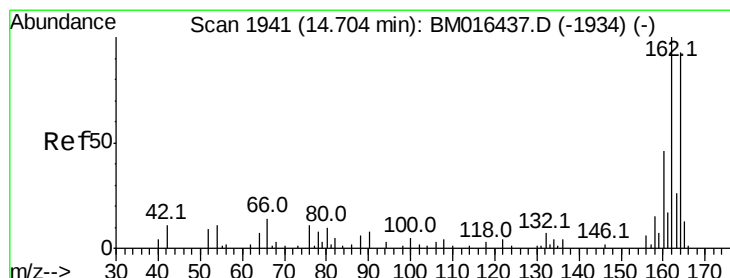
Ion 128.00 (127.70 to 128.70): BM016437.D (-1006) (-)

Ion 54.00 (53.70 to 54.70): BM016437.D (-1006) (-)

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BM016451.D

Acq: 17 Aug 2018 23:31

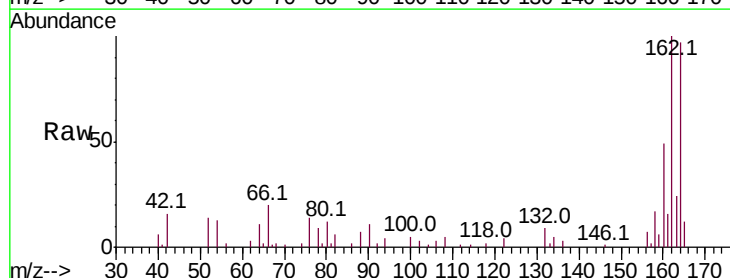
Tgt Ion:164 Resp: 35778

Ion Ratio Lower Upper

164 100

162 103.1 82.4 123.6

160 50.3 35.8 53.6

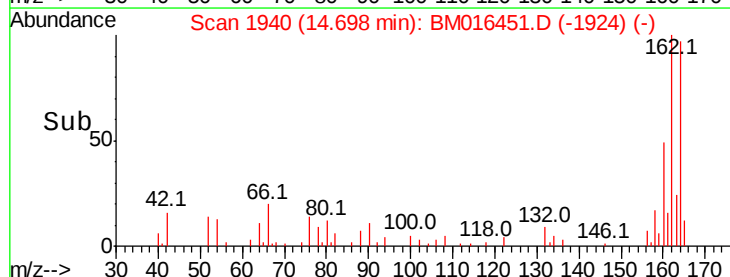


Abundance Ion 164.00 (163.70 to 164.70): BM016437.D (-1934) (-)

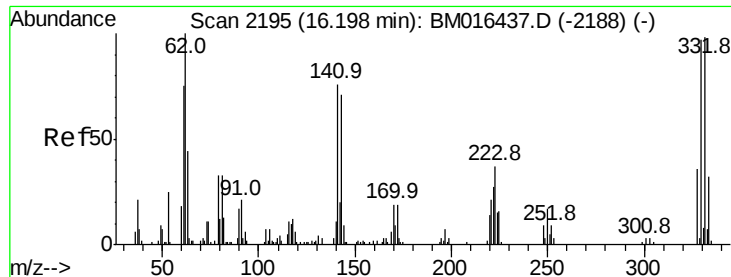
Ion 162.00 (161.70 to 162.70): BM016437.D (-1934) (-)

Ion 160.00 (159.70 to 160.70): BM016437.D (-1934) (-)

Time-->



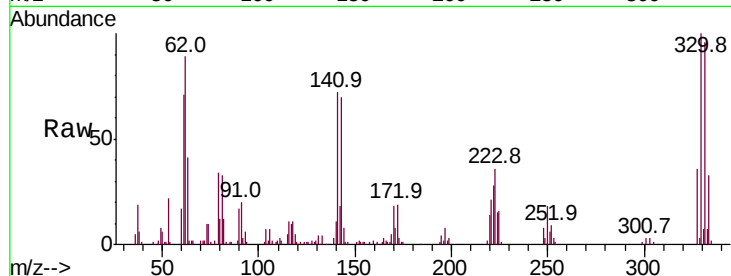
Time-->



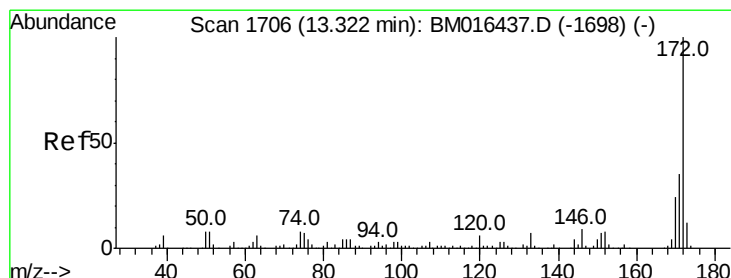
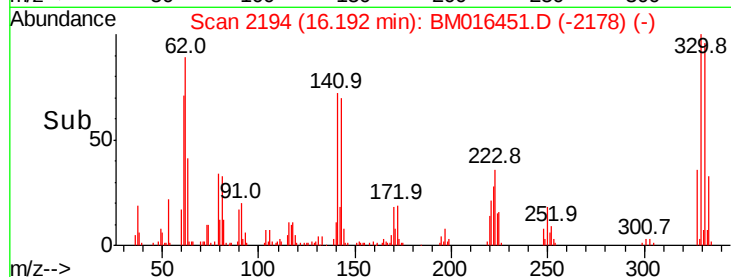
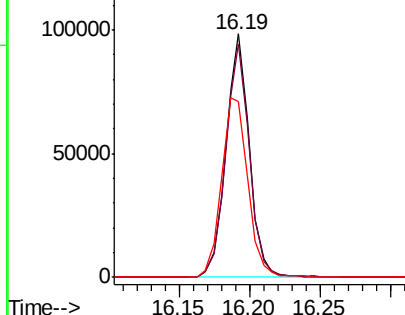
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.19 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM016451.D
 Acq: 17 Aug 2018 23:31

Instrument :
 BNA_M
 ClientSampled :
 TP-7

Tot Ion:330 Resp: 112841
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 83.2 0.0 0.0#

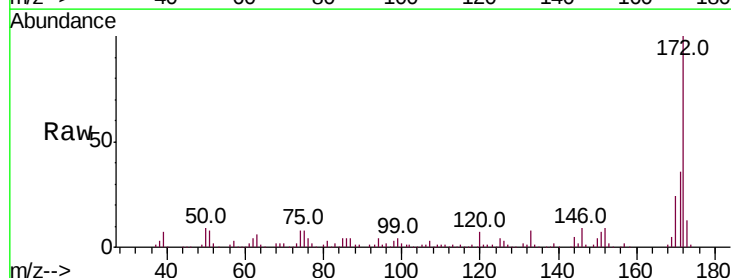


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

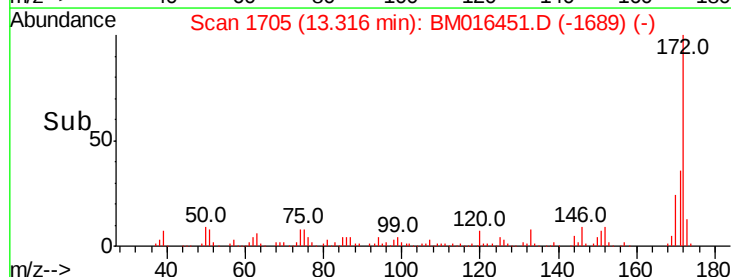
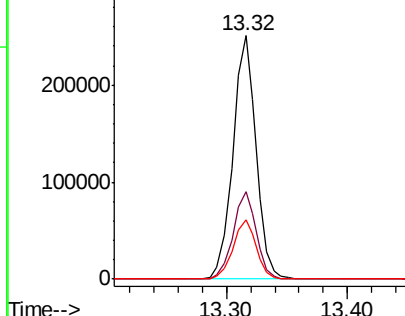


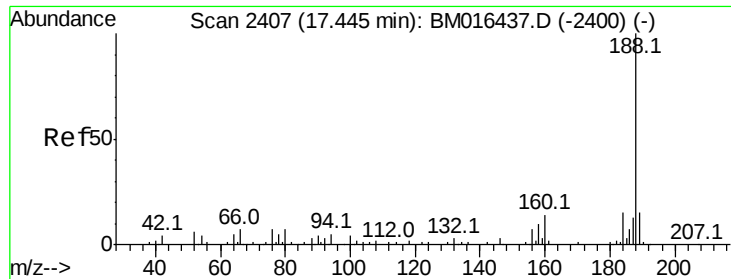
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.32 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM016451.D
 Acq: 17 Aug 2018 23:31

Tgt Ion:172 Resp: 334464
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.5 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

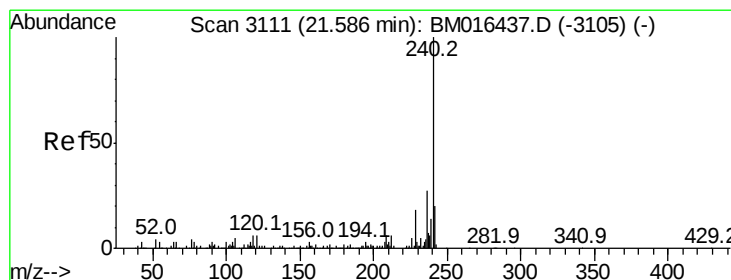
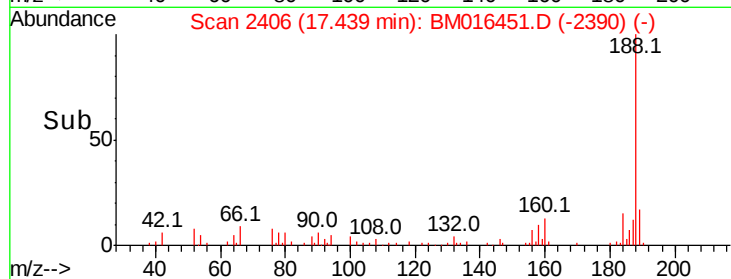
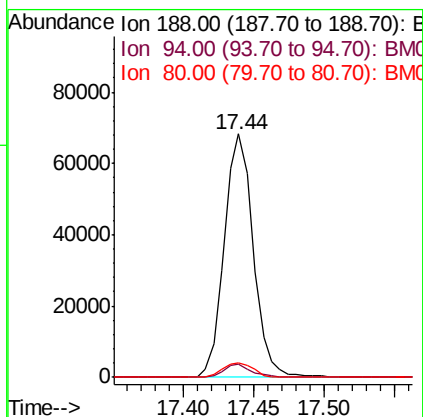
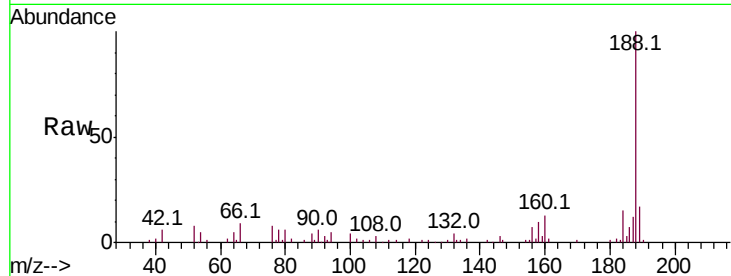




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM016451.D
Acq: 17 Aug 2018 23:31

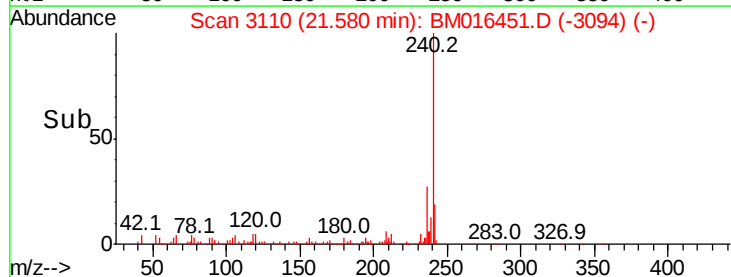
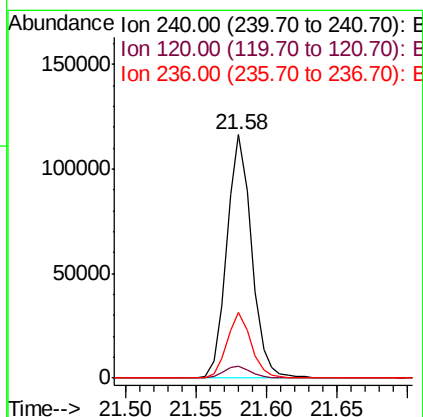
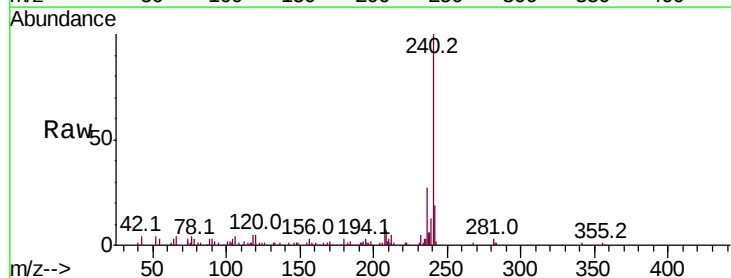
Instrument :
BNA_M
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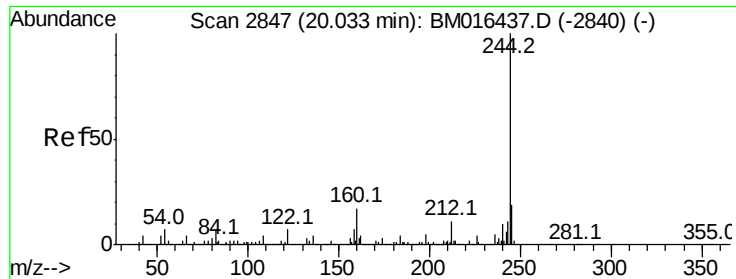
Tot Ion:188 Resp: 97375
Ion Ratio Lower Upper
188 100
94 5.3 8.7 13.1#
80 6.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016451.D
Acq: 17 Aug 2018 23:31

Tgt Ion:240 Resp: 142415
Ion Ratio Lower Upper
240 100
120 4.7 8.2 12.2#
236 26.7 20.0 30.0

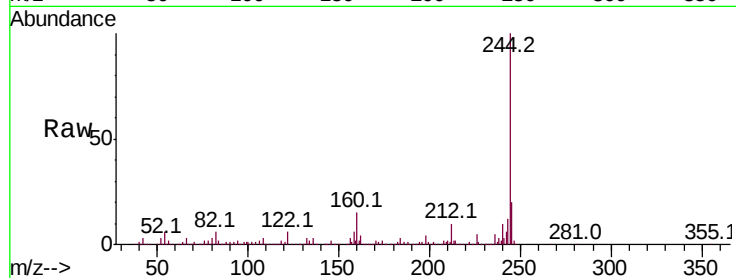




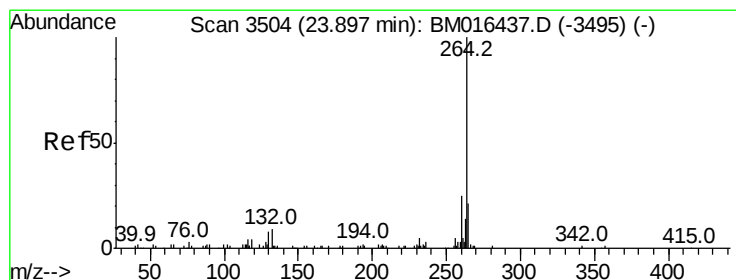
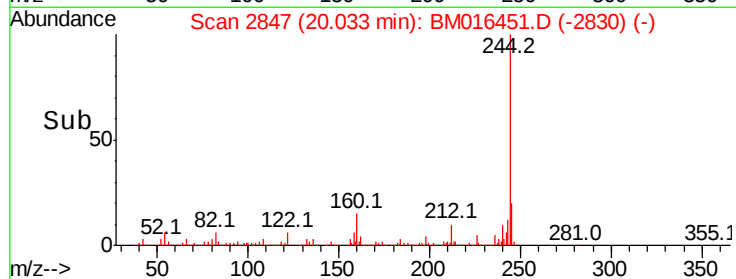
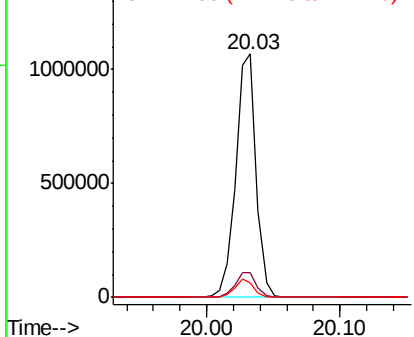
#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.03 min Scan# 2847
 Delta R.T. 0.00 min
 Lab File: BM016451.D
 Acq: 17 Aug 2018 23:31

Instrument :
 BNA_M
 ClientSampled :
 TP-7

Tot Ion:244 Resp: 1132414
 Ion Ratio Lower Upper
 244 100
 212 10.2 4.9 7.3#
 122 6.1 6.2 9.4#

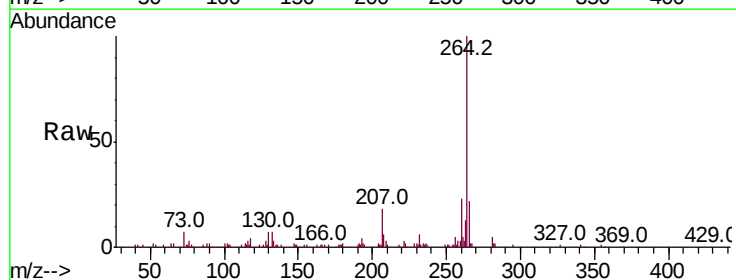


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.89 min Scan# 3503
 Delta R.T. -0.01 min
 Lab File: BM016451.D
 Acq: 17 Aug 2018 23:31

Tgt Ion:264 Resp: 157854
 Ion Ratio Lower Upper
 264 100
 260 23.1 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

