

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016450.D
 Acq On : 17 Aug 2018 22:55
 Operator : SJ/JU
 Sample : J4500-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-6

Quant Time: Aug 18 03:06:37 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	11222	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	40545	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	27324	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	74509	20.00	ng	0.00
75) Chrysene-d12	21.58	240	104997	20.00	ng	0.00
86) Perylene-d12	23.89	264	121223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	103869	155.55	ng	0.00
7) Phenol-d6	7.23	99	110331	122.93	ng	0.00
23) Nitrobenzene-d5	9.25	82	113377	116.46	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	88688	214.90	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	265859	101.18	ng	0.00
78) Terphenyl-d14	20.03	244	882190	126.99	ng	0.00

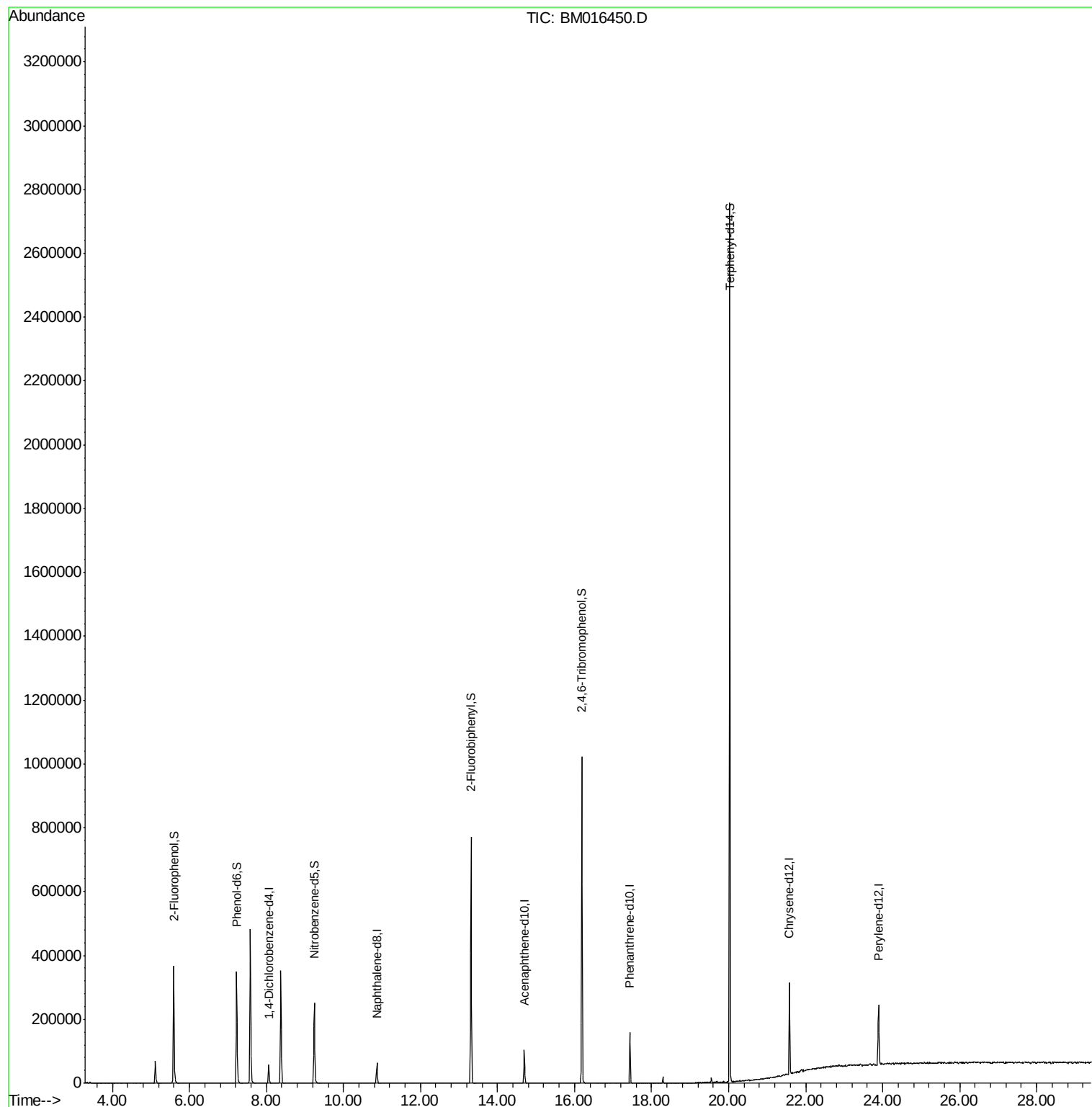
Target Compounds Qvalue

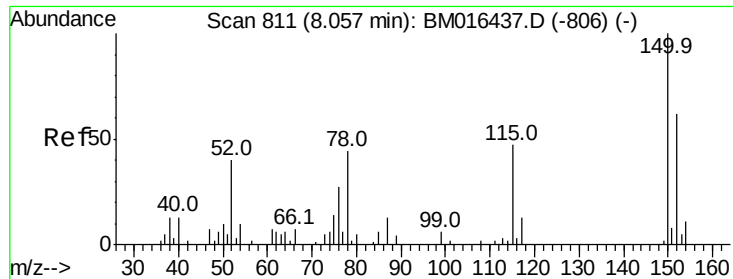
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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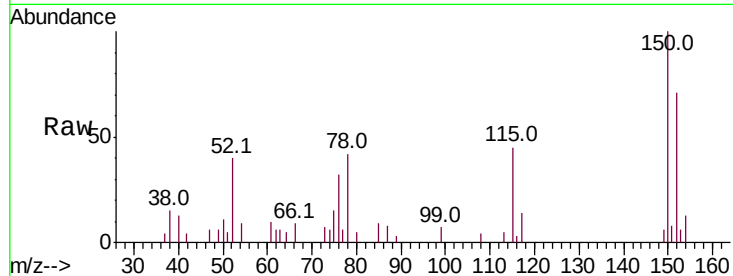


#1

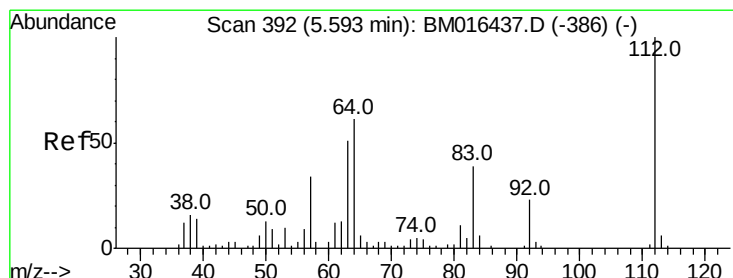
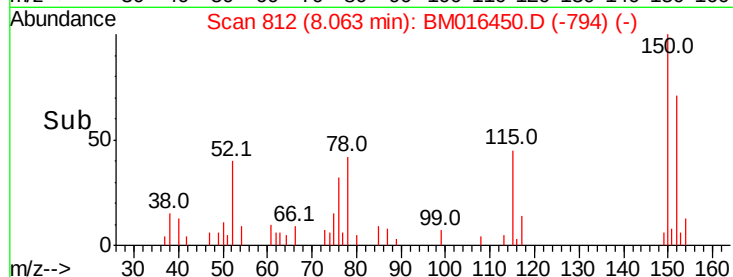
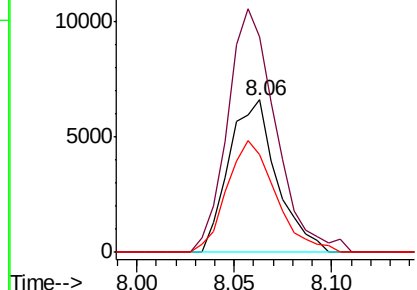
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BM016450.D
 Acq: 17 Aug 2018 22:55

Instrument :
 BNA_M
 ClientSampleId :
 TP-6

Tot Ion:152 Resp: 11222
 Ion Ratio Lower Upper
 152 100
 150 141.2 119.5 179.3
 115 63.9 43.0 64.4



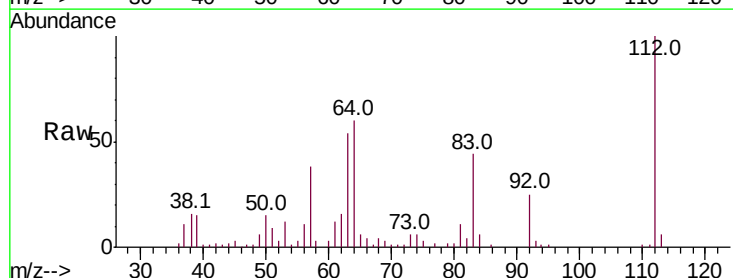
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



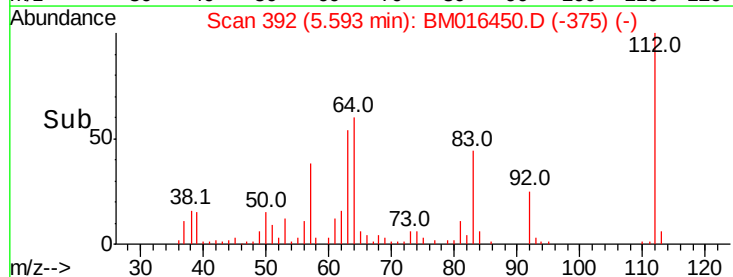
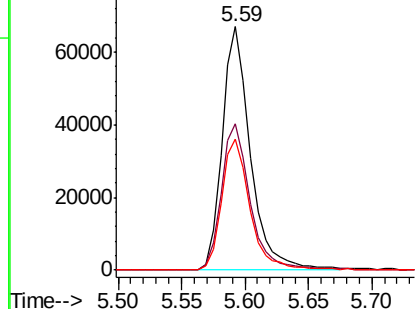
#5

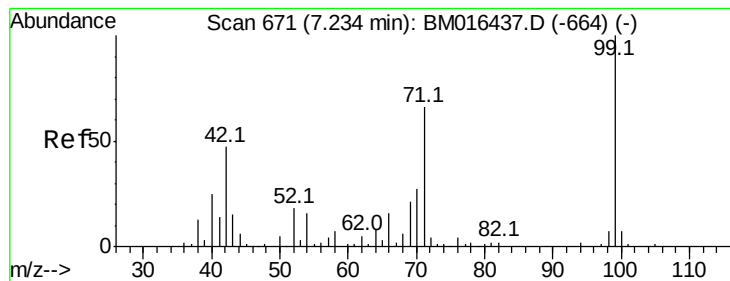
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.59 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BM016450.D
 Acq: 17 Aug 2018 22:55

Tgt Ion:112 Resp: 103869
 Ion Ratio Lower Upper
 112 100
 64 60.3 38.6 57.8#
 63 53.7 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: BM016450.D

Acq: 17 Aug 2018 22:55

Instrument :

BNA_M

ClientSampleId :

TP-6

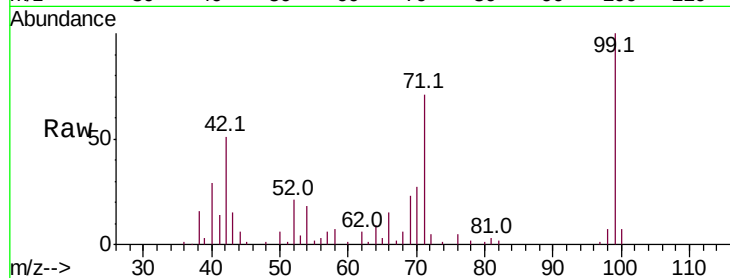
Tot Ion: 99 Resp: 110331

Ion Ratio Lower Upper

99 100

42 51.4 11.0 16.4#

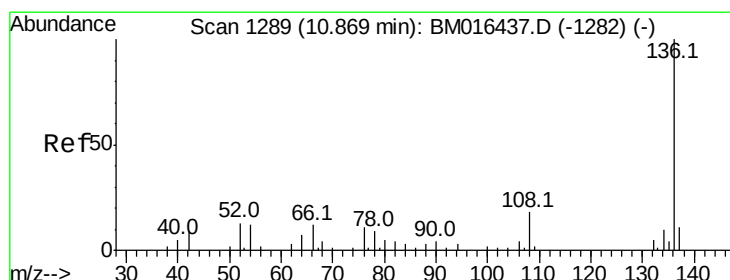
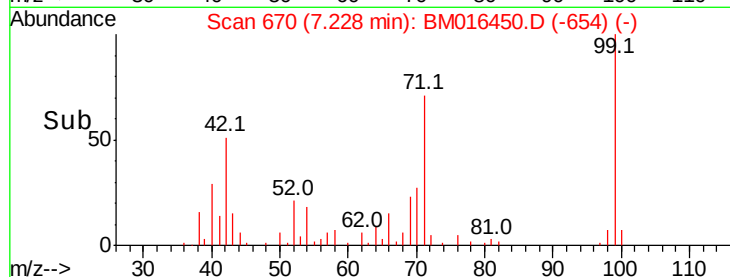
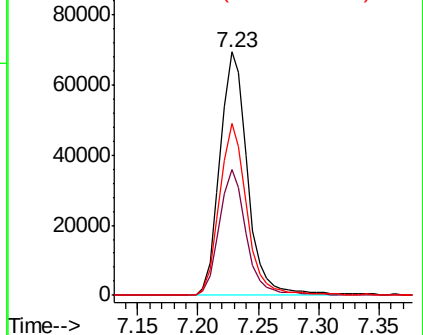
71 70.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016450.D (-654) (-)

Ion 42.00 (41.70 to 42.70): BM016450.D (-654) (-)

Ion 71.00 (70.70 to 71.70): BM016450.D (-654) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BM016450.D

Acq: 17 Aug 2018 22:55

Tgt Ion: 136 Resp: 40545

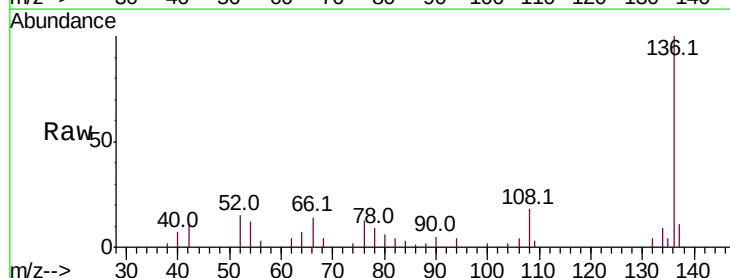
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 12.1 4.6 6.8#

68 4.0 3.7 5.5

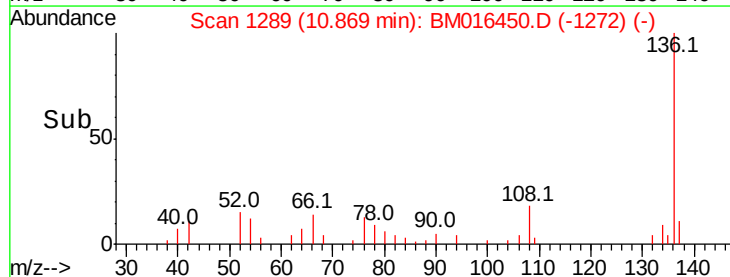
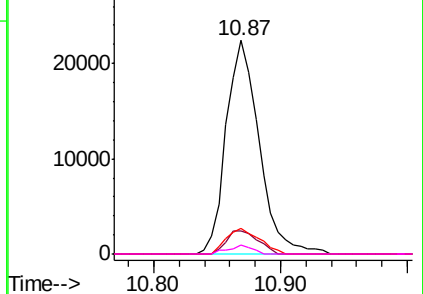


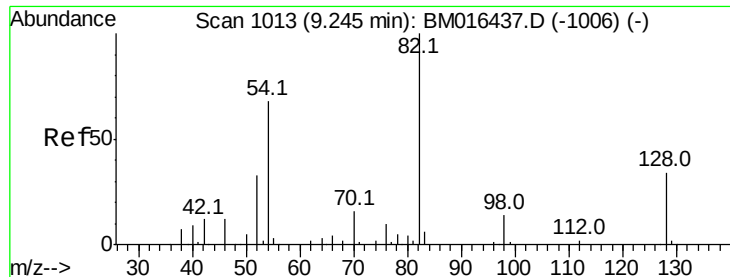
Abundance Ion 136.00 (135.70 to 136.70): BM016450.D (-1272) (-)

Ion 137.00 (136.70 to 137.70): BM016450.D (-1272) (-)

Ion 54.00 (53.70 to 54.70): BM016450.D (-1272) (-)

Ion 68.00 (67.70 to 68.70): BM016450.D (-1272) (-)

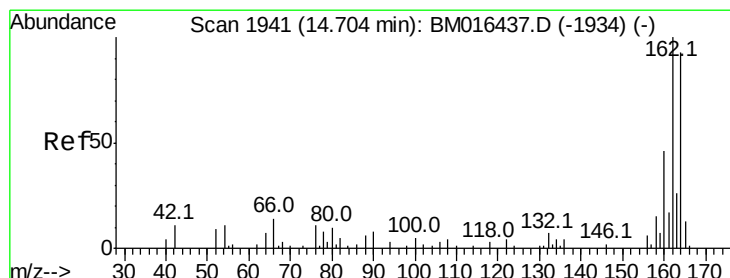
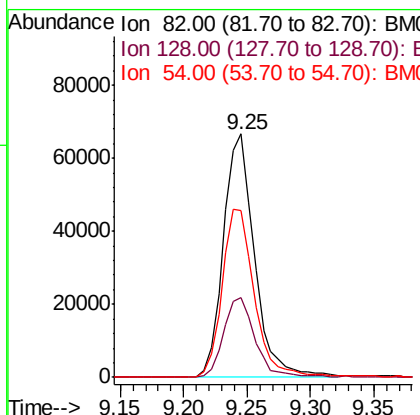
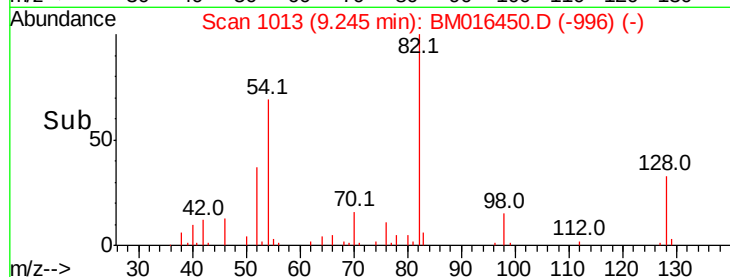
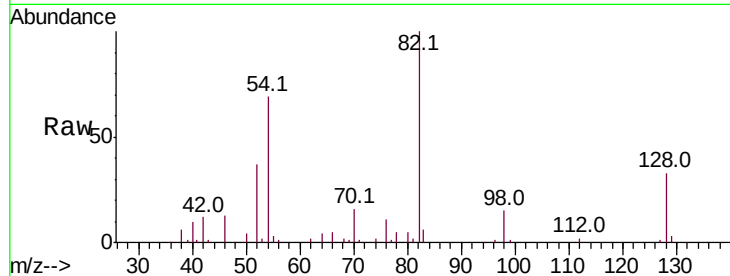




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.25 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BM016450.D
Acq: 17 Aug 2018 22:55

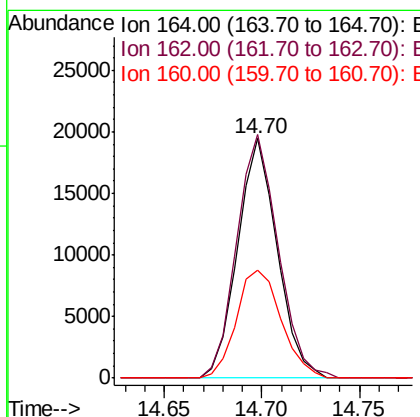
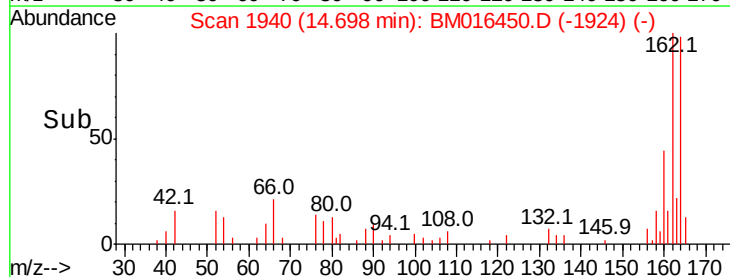
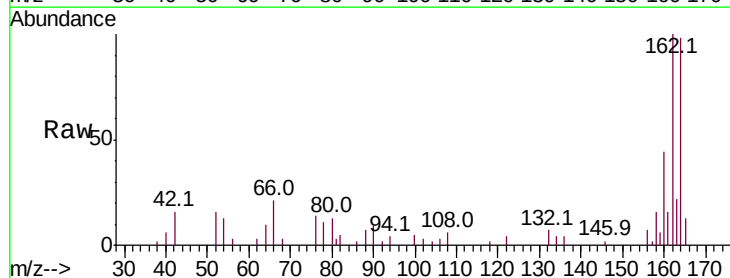
Instrument :
BNA_M
ClientSampleId :
TP-6

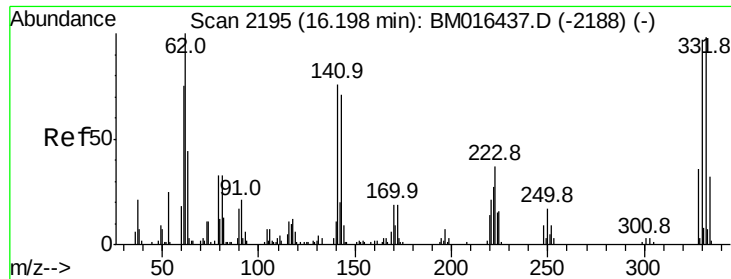
Tot Ion: 82 Resp: 113377
Ion Ratio Lower Upper
82 100
128 32.6 32.8 49.2#
54 68.6 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM016450.D
Acq: 17 Aug 2018 22:55

Tgt Ion:164 Resp: 27324
Ion Ratio Lower Upper
164 100
162 101.7 82.4 123.6
160 45.0 35.8 53.6

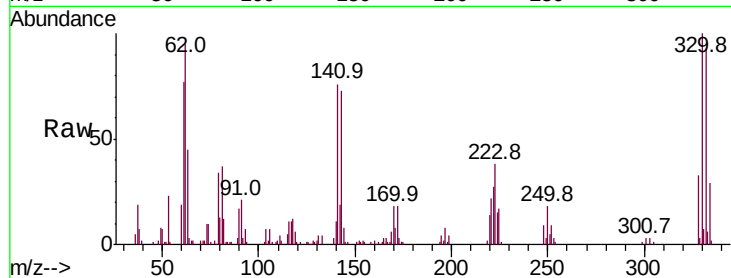




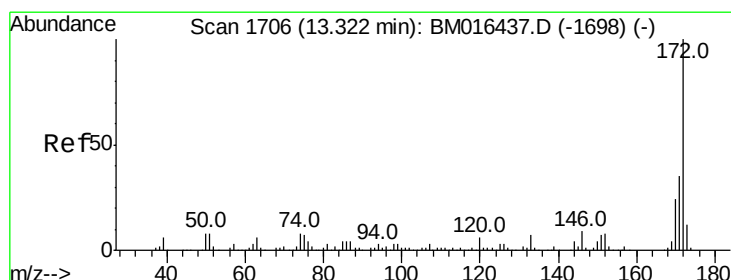
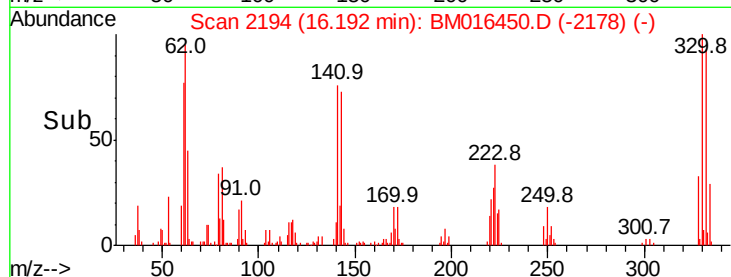
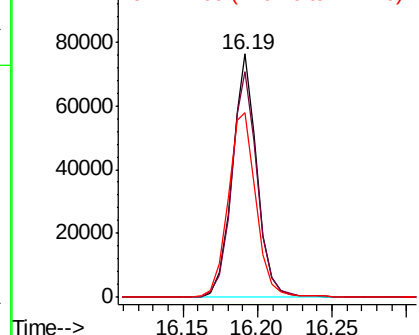
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.19 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM016450.D
 Acq: 17 Aug 2018 22:55

Instrument :
 BNA_M
 ClientSampleId :
 TP-6

Tot Ion:330 Resp: 88688
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 85.9 0.0 0.0#

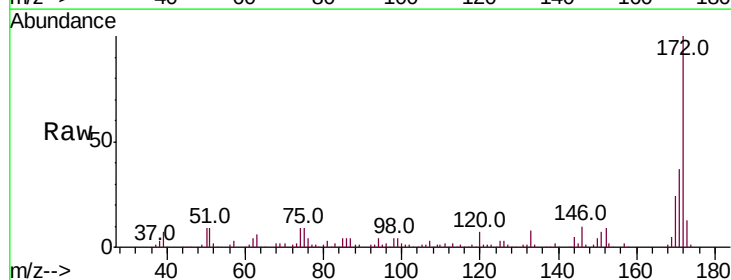


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

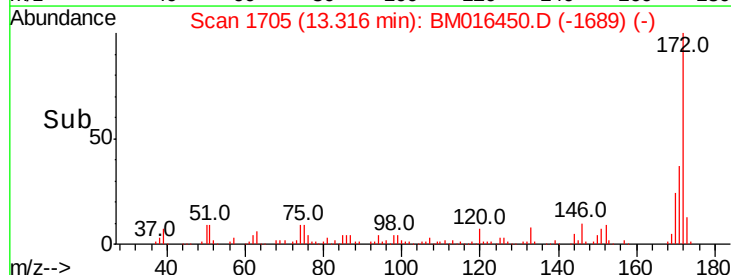
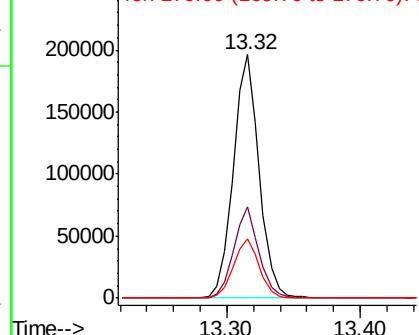


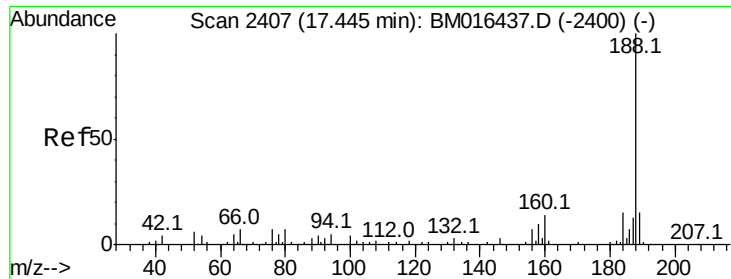
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.32 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM016450.D
 Acq: 17 Aug 2018 22:55

Tgt Ion:172 Resp: 265859
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.5 42.7
 170 24.3 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

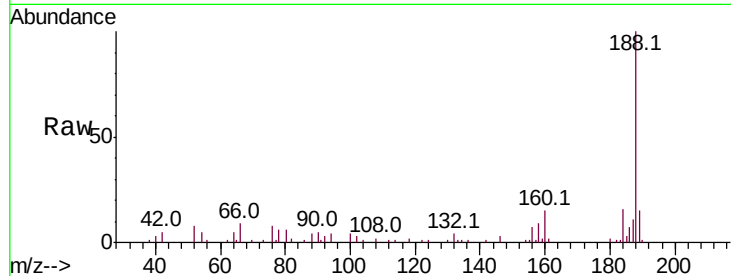




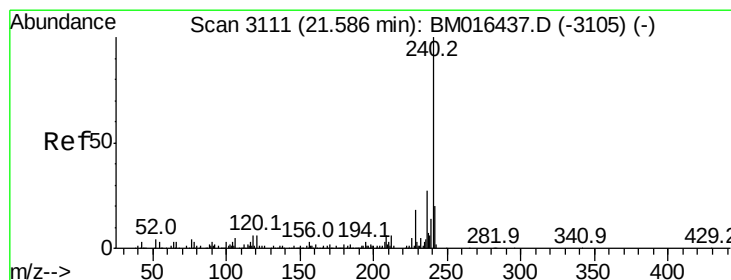
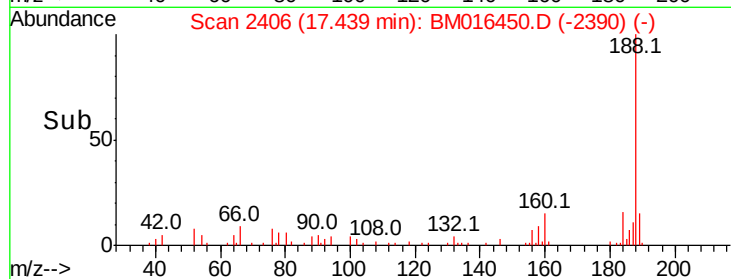
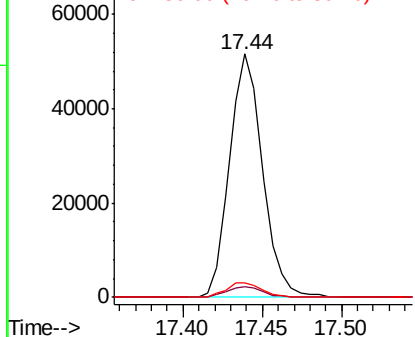
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016450.D
 Acq: 17 Aug 2018 22:55

Instrument :
 BNA_M
 ClientSampleId :
 TP-6

Tot Ion:188 Resp: 74509
 Ion Ratio Lower Upper
 188 100
 94 4.4 8.7 13.1#
 80 6.1 9.3 13.9#

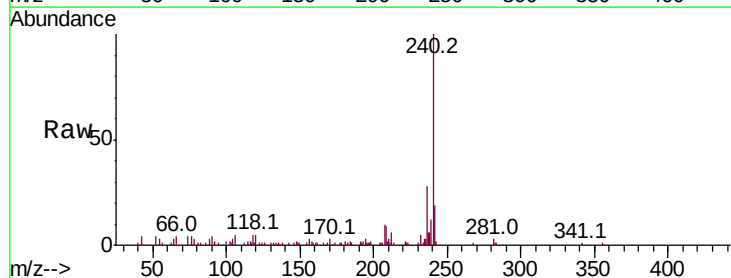


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

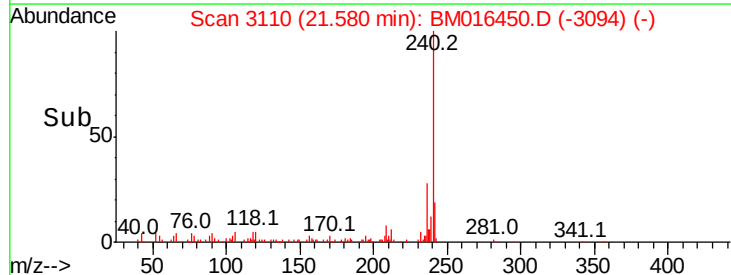
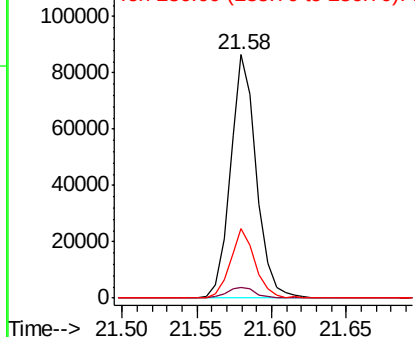


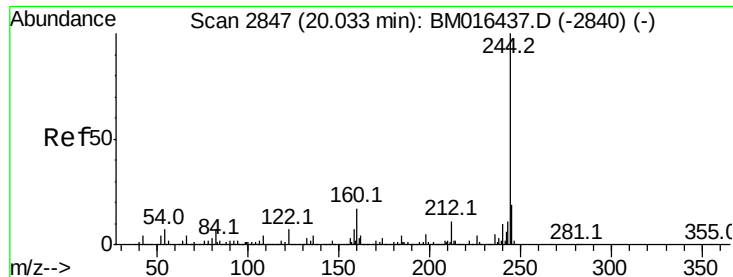
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.58 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM016450.D
 Acq: 17 Aug 2018 22:55

Tgt Ion:240 Resp: 104997
 Ion Ratio Lower Upper
 240 100
 120 4.6 8.2 12.2#
 236 28.4 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# 2847

Delta R.T. 0.00 min

Lab File: BM016450.D

Acq: 17 Aug 2018 22:55

Instrument :

BNA_M

ClientSampled :

TP-6

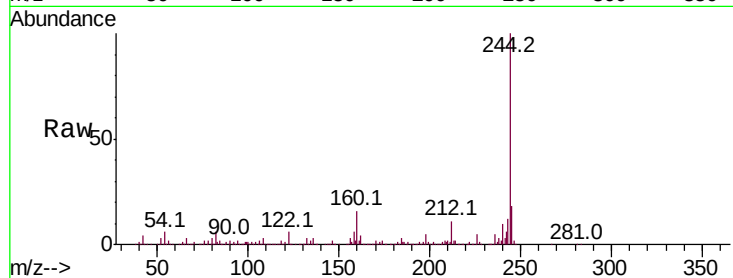
Tot Ion:244 Resp: 882190

Ion Ratio Lower Upper

244 100

212 10.7 4.9 7.3#

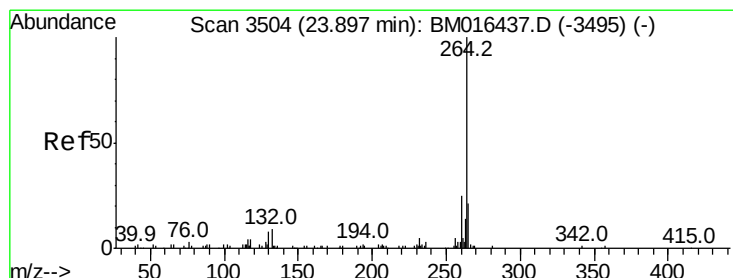
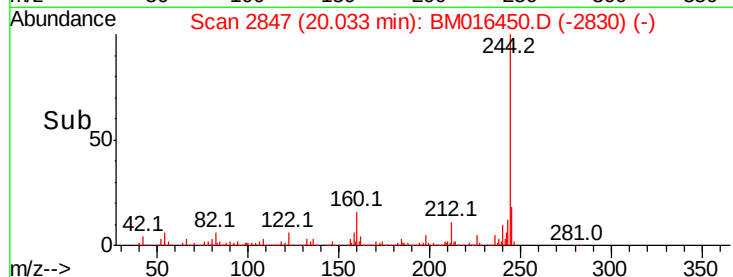
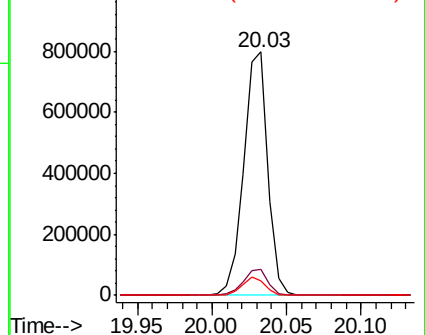
122 6.1 6.2 9.4#



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: BM016450.D

Acq: 17 Aug 2018 22:55

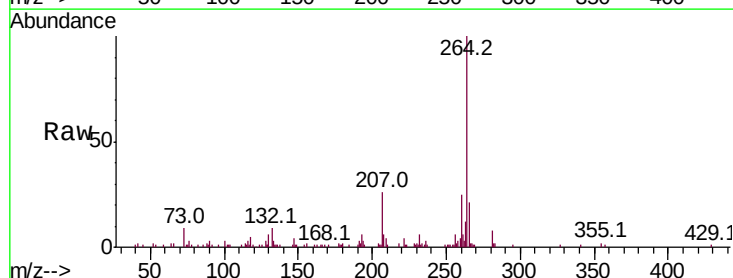
Tgt Ion:264 Resp: 121223

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 21.4 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

