

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016449.D
 Acq On : 17 Aug 2018 22:18
 Operator : SJ/JU
 Sample : J4500-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2RE

Quant Time: Aug 18 03:03:45 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	11874	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	45353	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	28031	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	74508	20.00	ng	0.00
75) Chrysene-d12	21.58	240	101661	20.00	ng	0.00
86) Perylene-d12	23.89	264	46973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	111856	158.31	ng	0.00
7) Phenol-d6	7.23	99	121418	127.85	ng	0.00
23) Nitrobenzene-d5	9.25	82	121956	111.99	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	80245	189.54	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	263981	97.93	ng	0.00
78) Terphenyl-d14	20.03	244	862776	128.27	ng	0.00

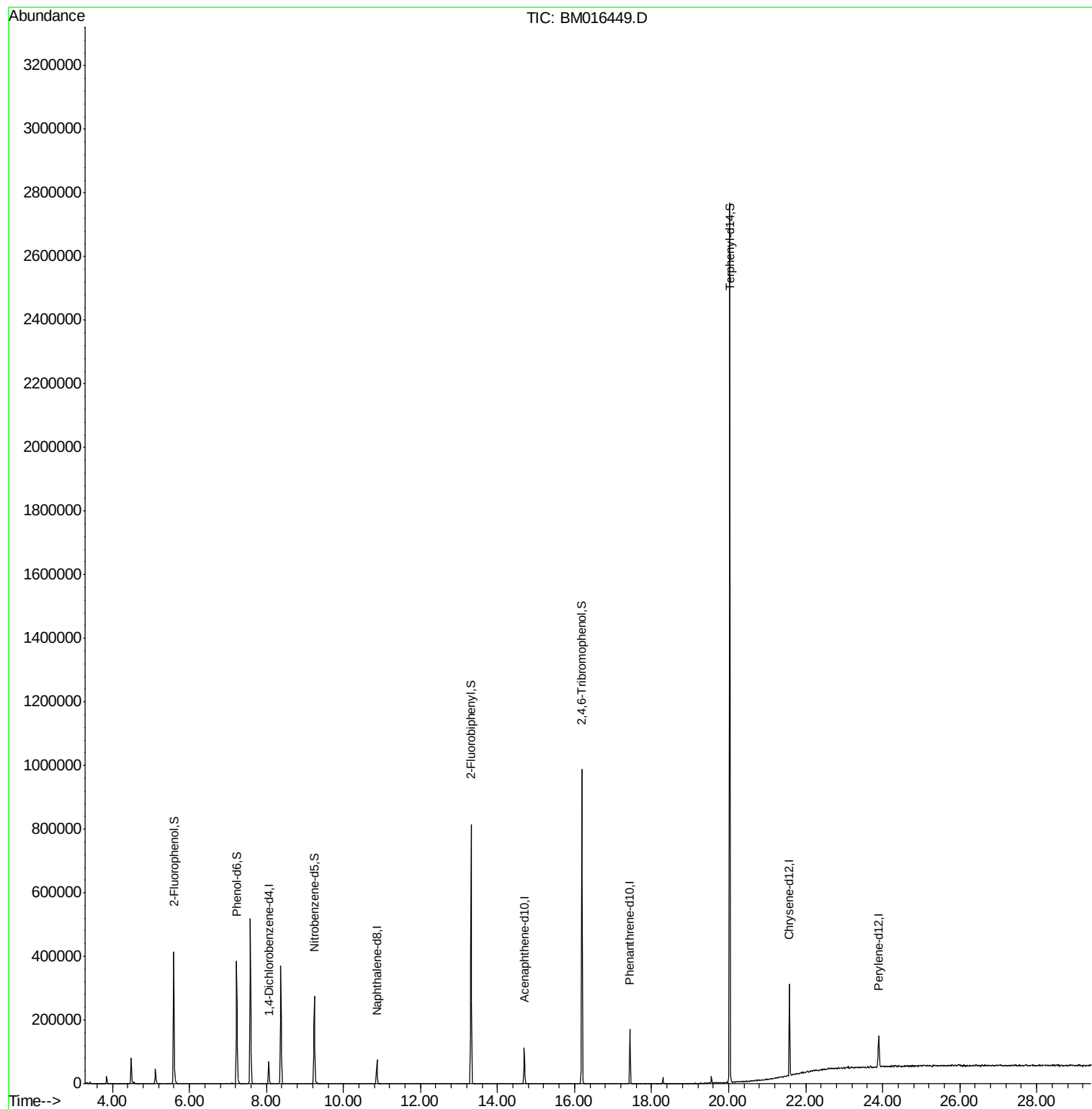
Target Compounds Qvalue

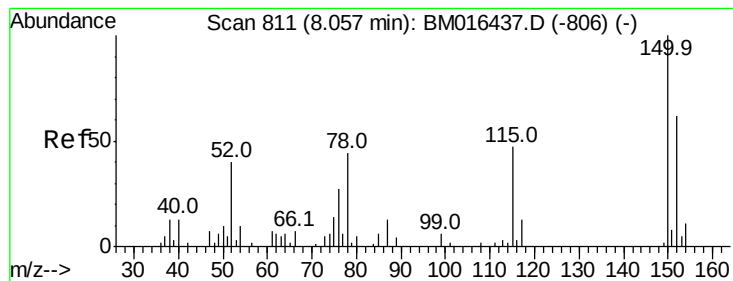
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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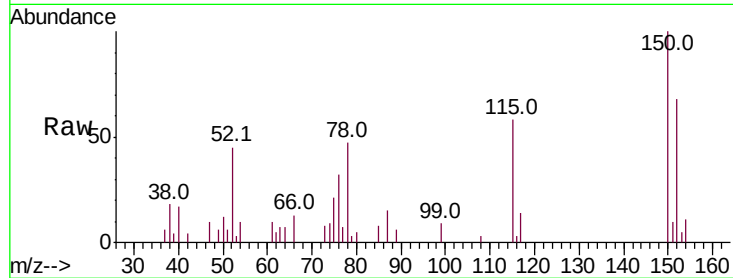


#1

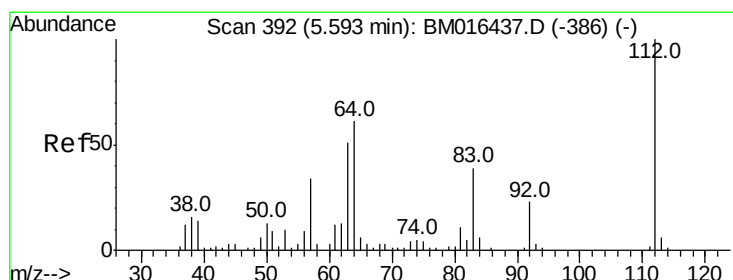
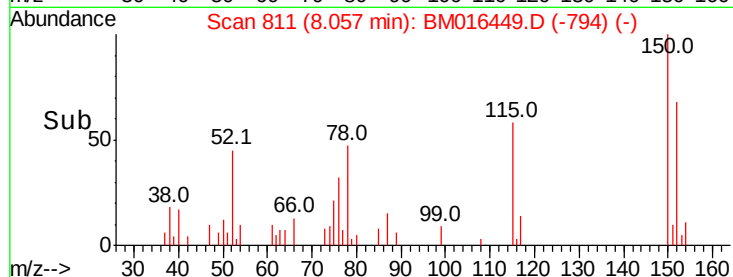
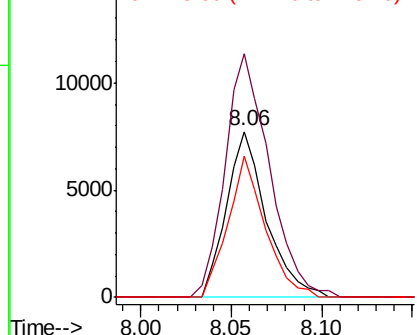
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BM016449.D
Acq: 17 Aug 2018 22:18

Instrument :
BNA_M
ClientSampleId :
TP-2RE

Tot Ion:152 Resp: 11874
Ion Ratio Lower Upper
152 100
150 146.6 119.5 179.3
115 84.7 43.0 64.4#



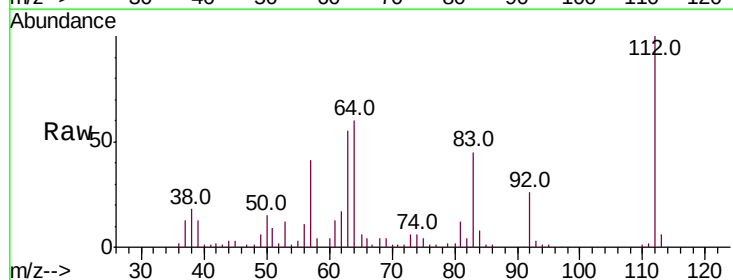
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



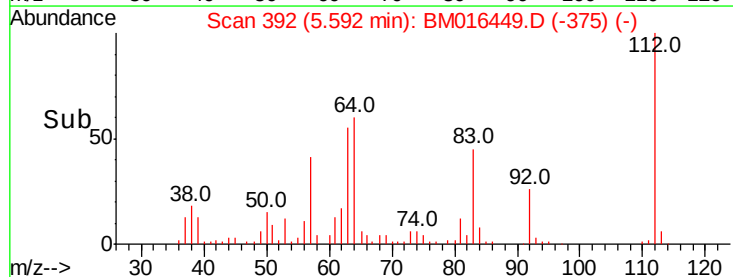
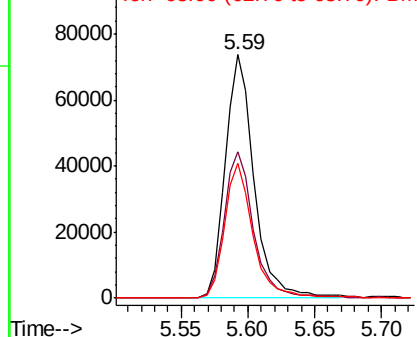
#5

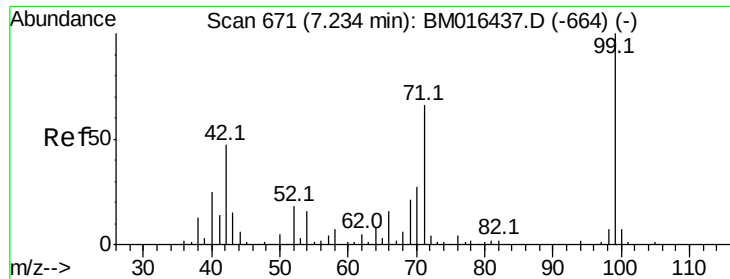
2-Fluorophenol
Concen: Below ng
RT: 5.59 min Scan# 392
Delta R.T. 0.00 min
Lab File: BM016449.D
Acq: 17 Aug 2018 22:18

Tgt Ion:112 Resp: 111856
Ion Ratio Lower Upper
112 100
64 59.8 38.6 57.8#
63 55.2 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: BM016449.D

Acq: 17 Aug 2018 22:18

Instrument :

BNA_M

ClientSampleId :

TP-2RE

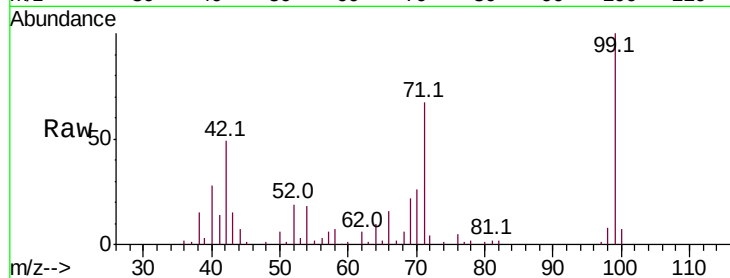
Tot Ion: 99 Resp: 121418

Ion Ratio Lower Upper

99 100

42 49.4 11.0 16.4#

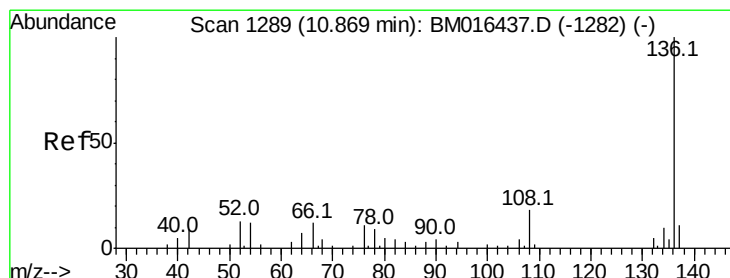
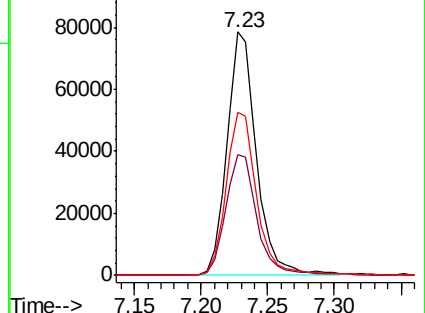
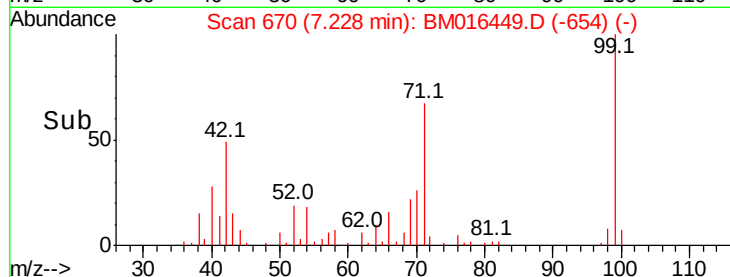
71 66.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016437.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM016437.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM016437.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BM016449.D

Acq: 17 Aug 2018 22:18

Tgt Ion: 136 Resp: 45353

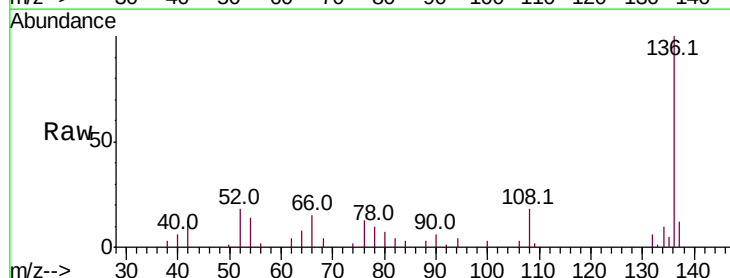
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 13.6 4.6 6.8#

68 3.7 3.7 5.5#

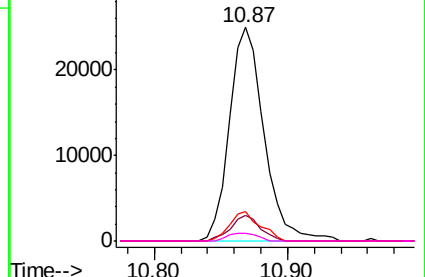
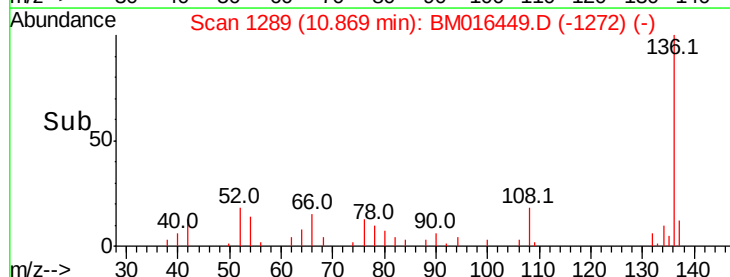


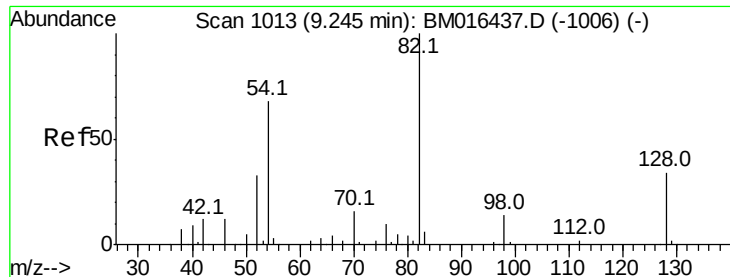
Abundance Ion 136.00 (135.70 to 136.70): BM016437.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016437.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016437.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016437.D (-1282) (-)





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.25 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BM016449.D

Acq: 17 Aug 2018 22:18

Instrument :

BNA_M

ClientSampleId :

TP-2RE

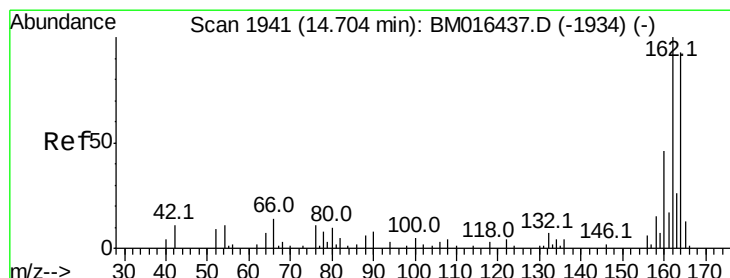
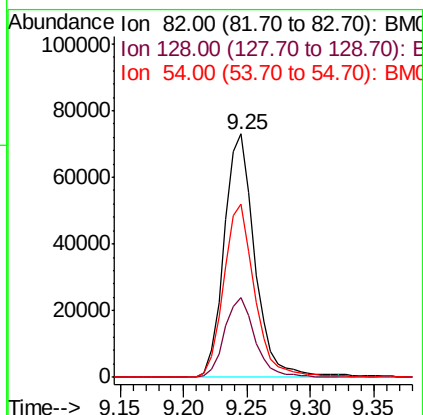
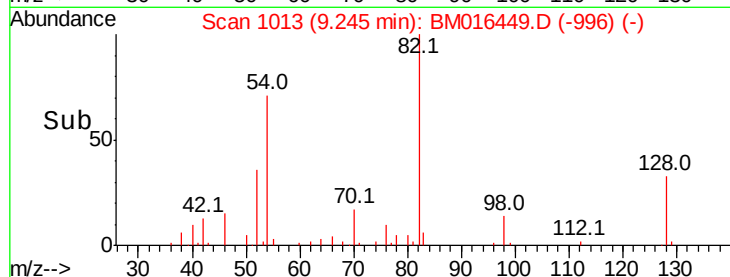
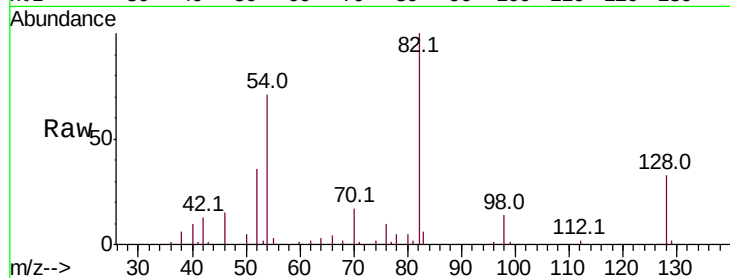
Tot Ion: 82 Resp: 121956

Ion Ratio Lower Upper

82 100

128 32.6 32.8 49.2#

54 71.0 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: BM016449.D

Acq: 17 Aug 2018 22:18

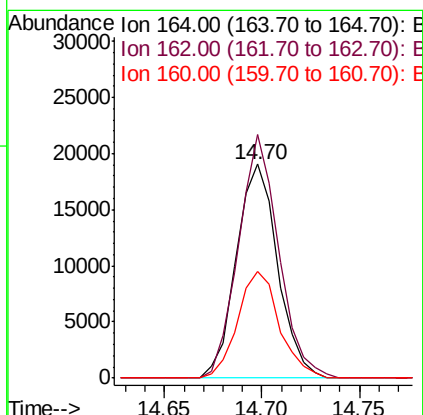
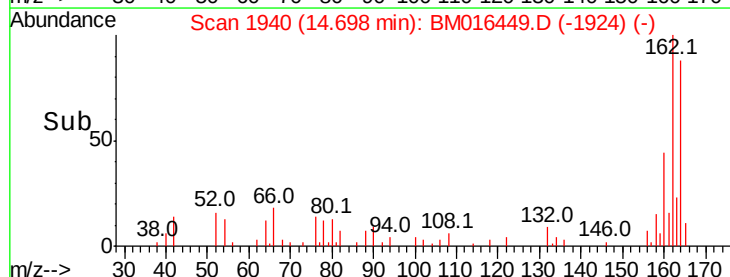
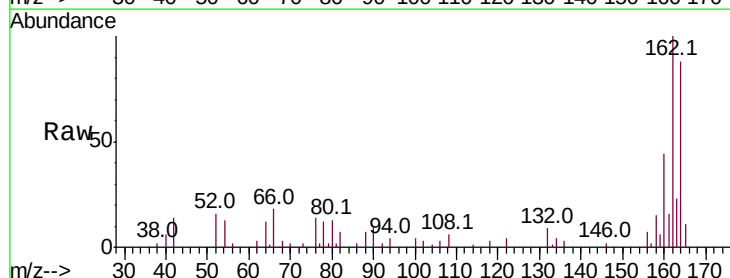
Tgt Ion:164 Resp: 28031

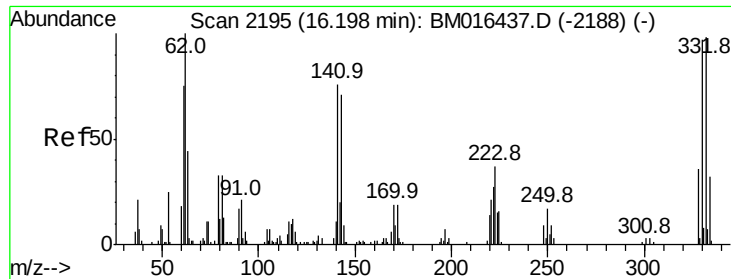
Ion Ratio Lower Upper

164 100

162 113.7 82.4 123.6

160 49.7 35.8 53.6

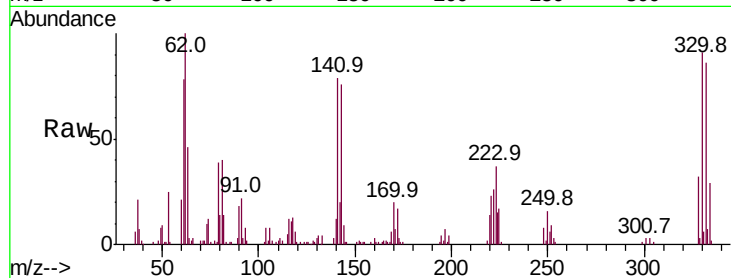




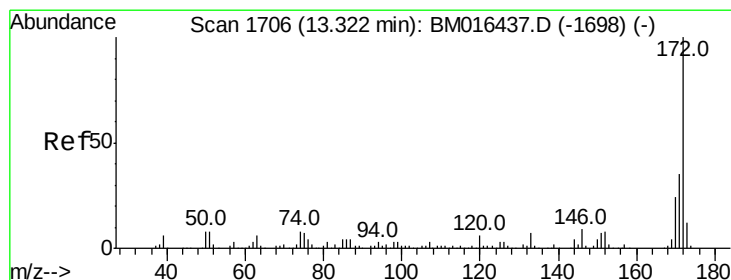
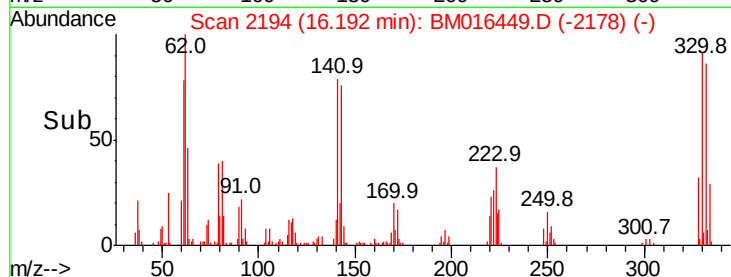
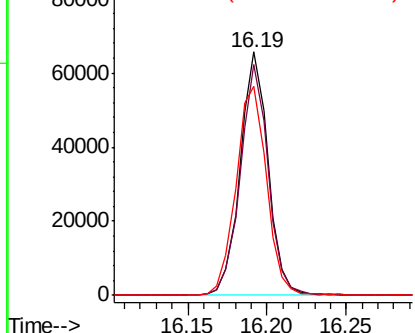
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.19 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM016449.D
 Acq: 17 Aug 2018 22:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-2RE

Tot Ion:330 Resp: 80245
 Ion Ratio Lower Upper
 330 100
 332 94.3 0.0 0.0#
 141 94.1 0.0 0.0#

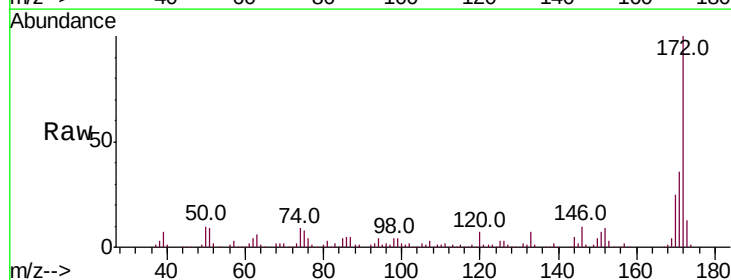


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

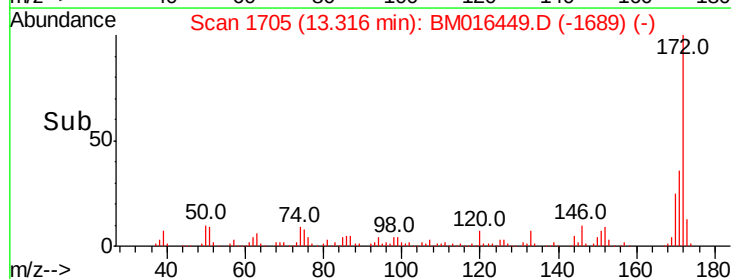
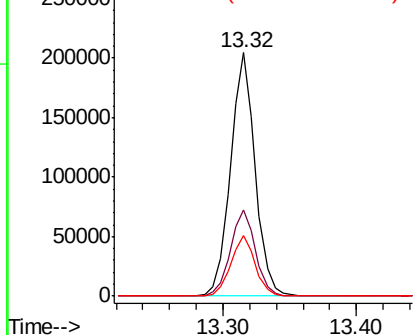


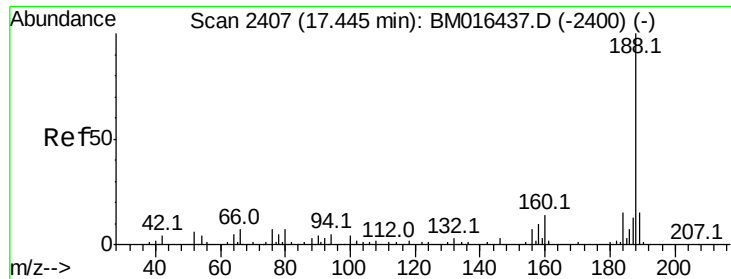
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.32 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM016449.D
 Acq: 17 Aug 2018 22:18

Tgt Ion:172 Resp: 263981
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 24.7 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

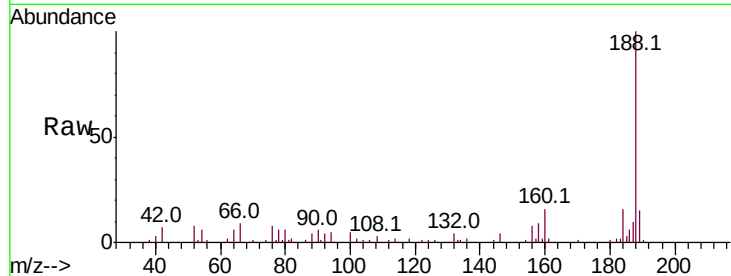




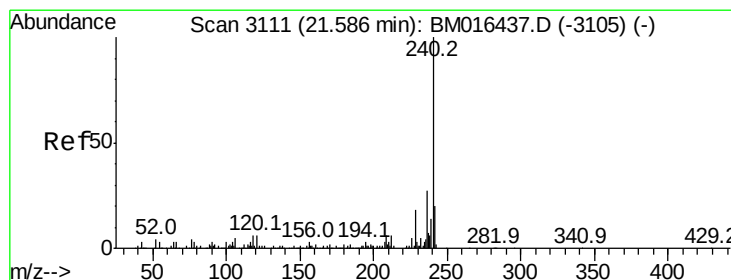
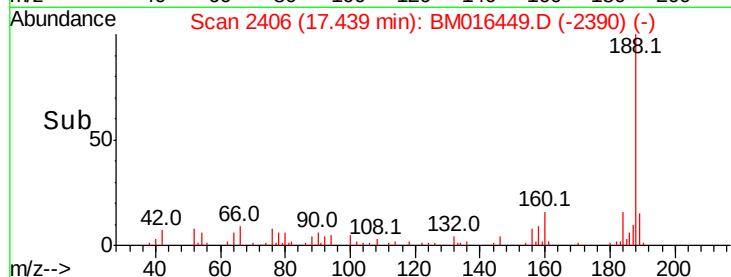
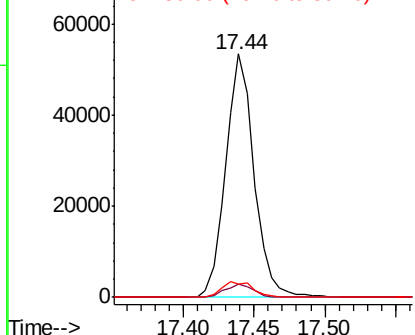
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM016449.D
Acq: 17 Aug 2018 22:18

Instrument :
BNA_M
ClientSampleId :
TP-2RE

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.4	8.7	13.1#
80	5.6	9.3	13.9#

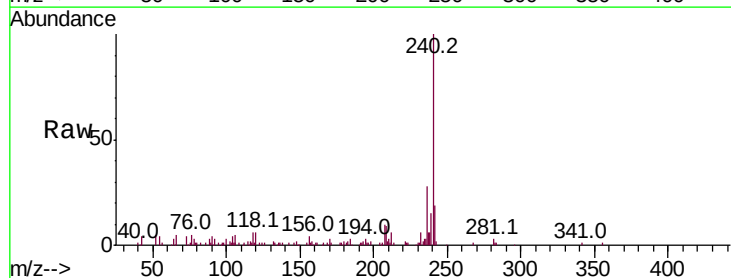


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

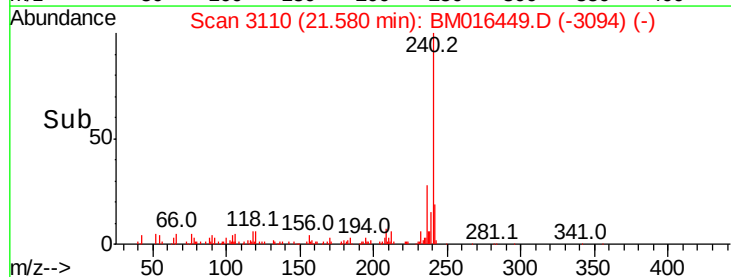
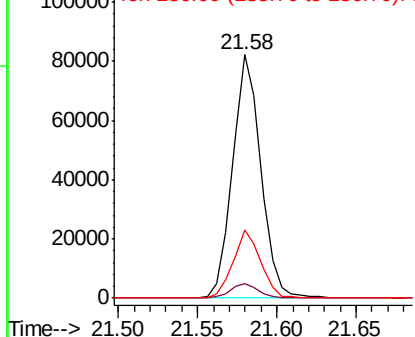


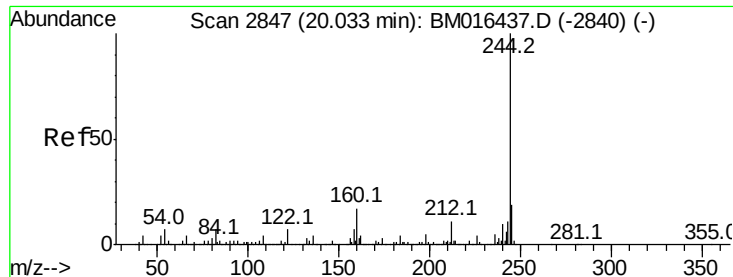
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016449.D
Acq: 17 Aug 2018 22:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	8.2	12.2#
236	28.2	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: BM016449.D

Acq: 17 Aug 2018 22:18

Instrument :

BNA_M

ClientSampleId :

TP-2RE

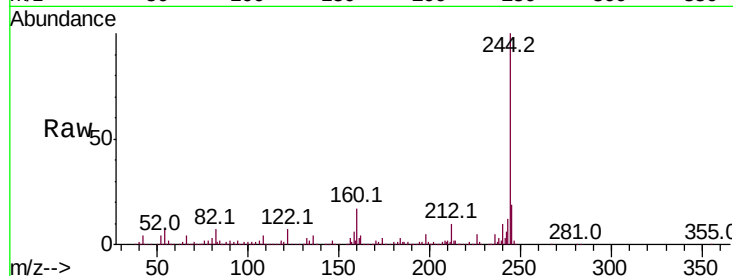
Tot Ion:244 Resp: 862776

Ion Ratio Lower Upper

244 100

212 10.3 4.9 7.3#

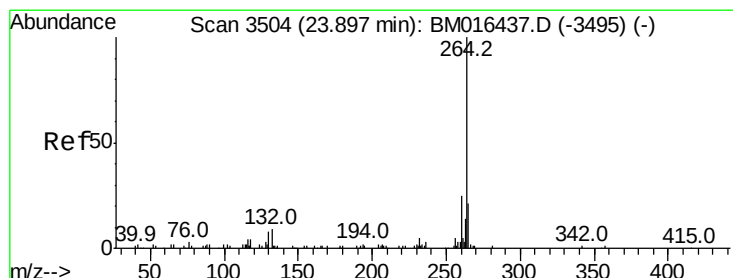
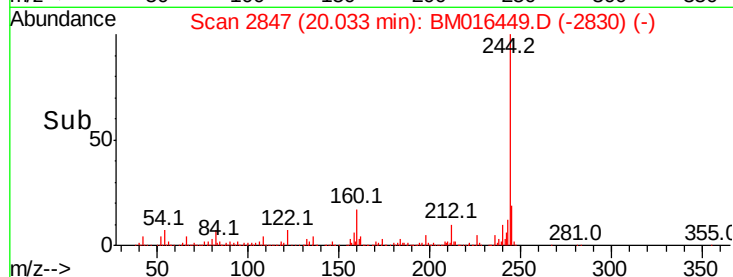
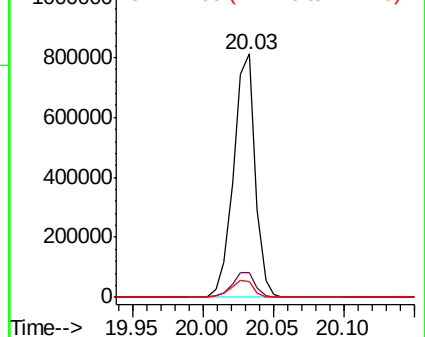
122 6.6 6.2 9.4



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: BM016449.D

Acq: 17 Aug 2018 22:18

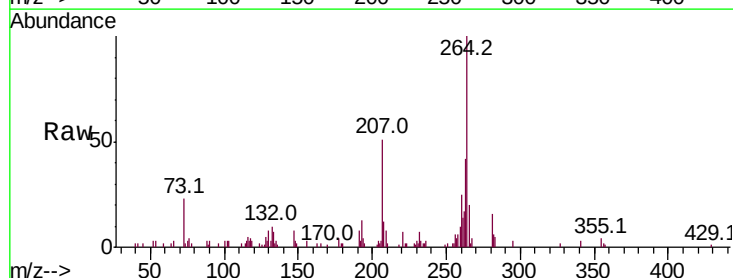
Tgt Ion:264 Resp: 46973

Ion Ratio Lower Upper

264 100

260 25.2 18.6 27.8

265 19.6 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

