

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016468.D
 Acq On : 18 Aug 2018 11:39
 Operator : SJ/JU
 Sample : J4521-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11975

Quant Time: Aug 20 01:51:46 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	7681	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	31489	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	20381	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	54952	20.00	ng	-0.01
75) Chrysene-d12	21.57	240	75698	20.00	ng	-0.01
86) Perylene-d12	23.89	264	105024	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	73169	160.09	ng	0.00
7) Phenol-d6	7.22	99	78261	127.39	ng	-0.01
23) Nitrobenzene-d5	9.24	82	84072	111.19	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	54530	177.14	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	182042	92.88	ng	-0.01
78) Terphenyl-d14	20.03	244	591817	118.16	ng	0.00

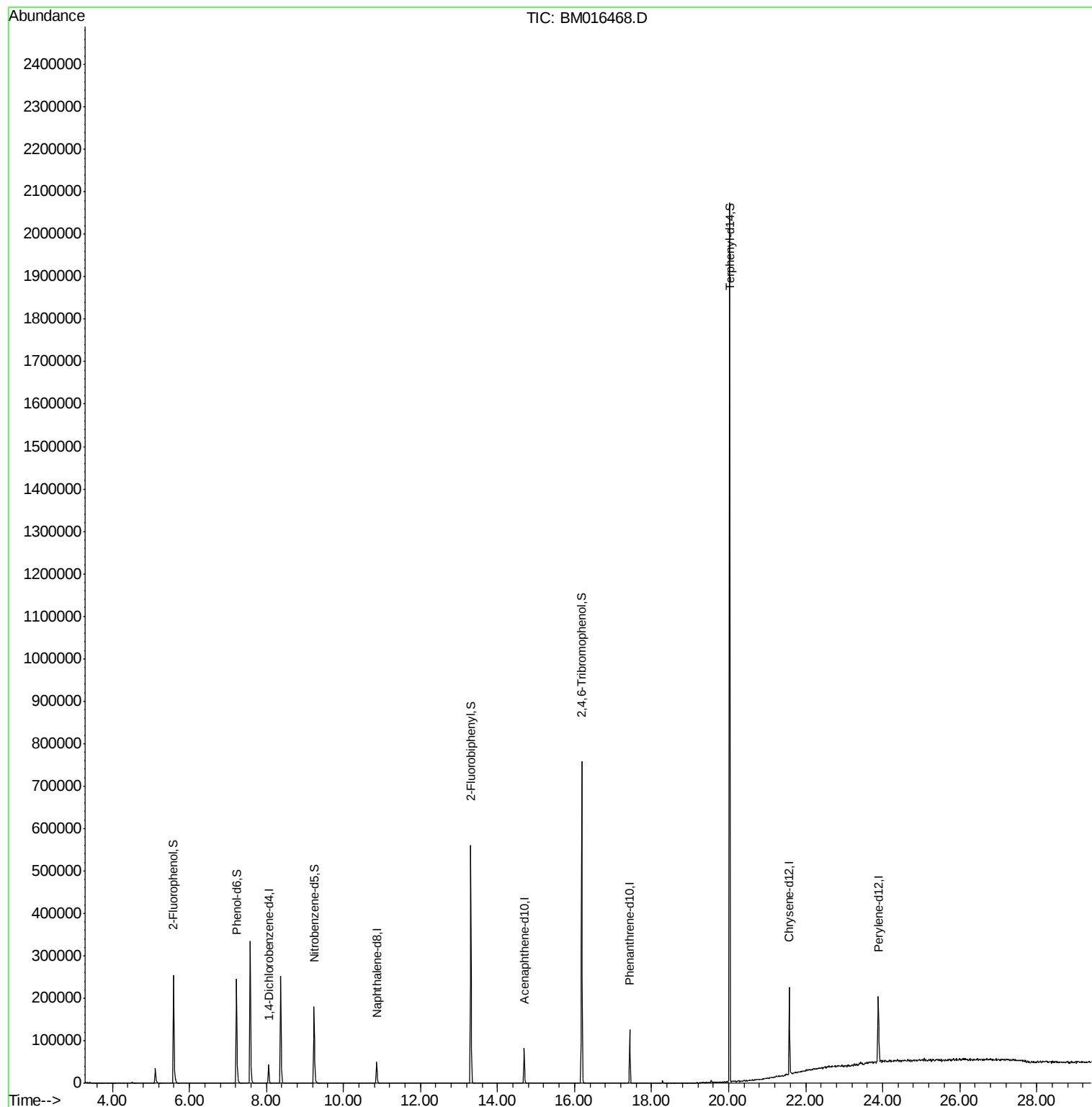
Target Compounds Qvalue

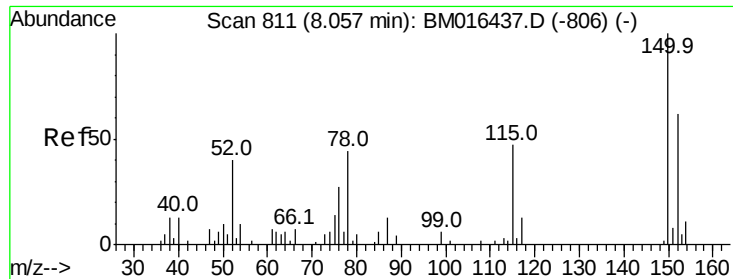
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016468.D
Acq On : 18 Aug 2018 11:39
Operator : SJ/JU
Sample : J4521-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
72-11975

Quant Time: Aug 20 01:51:46 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



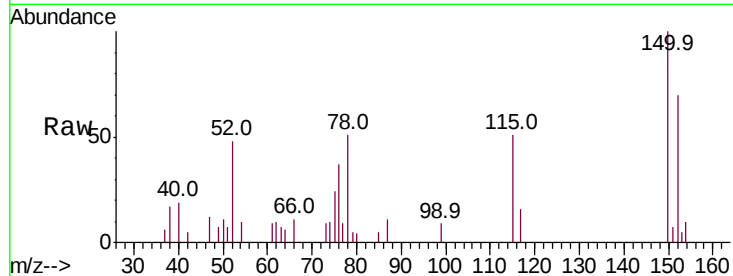


#1

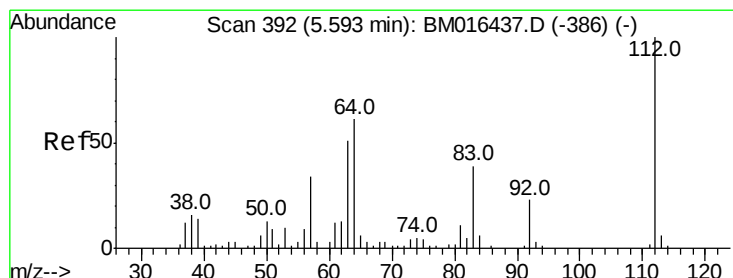
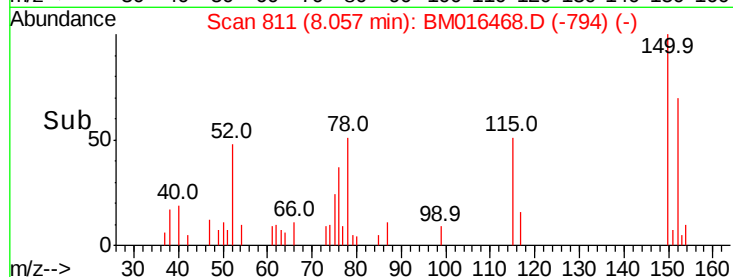
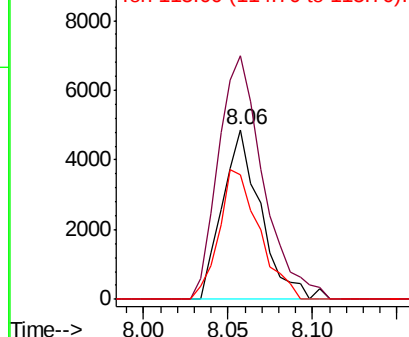
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BM016468.D
 Acq: 18 Aug 2018 11:39

Instrument :
 BNA_M
 ClientSampleId :
 72-11975

Tot Ion:152 Resp: 7681
 Ion Ratio Lower Upper
 152 100
 150 143.5 119.5 179.3
 115 73.1 43.0 64.4#



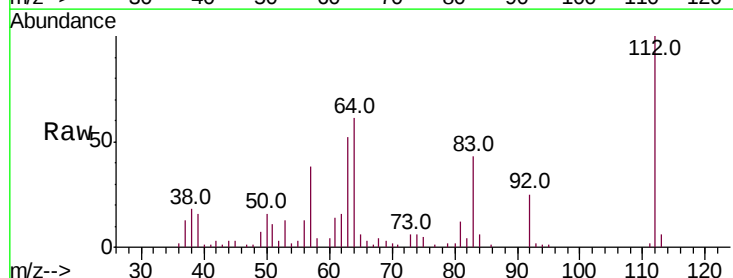
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



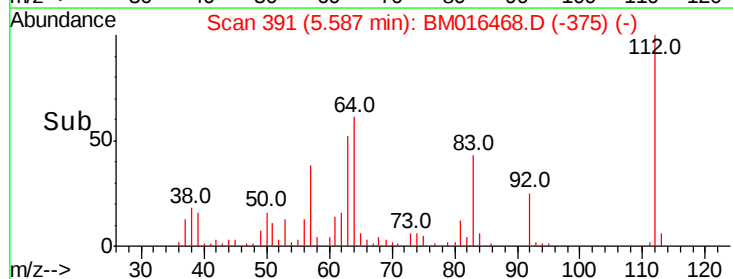
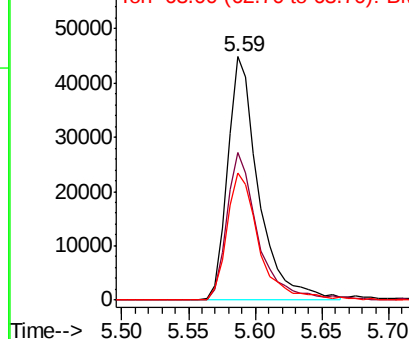
#5

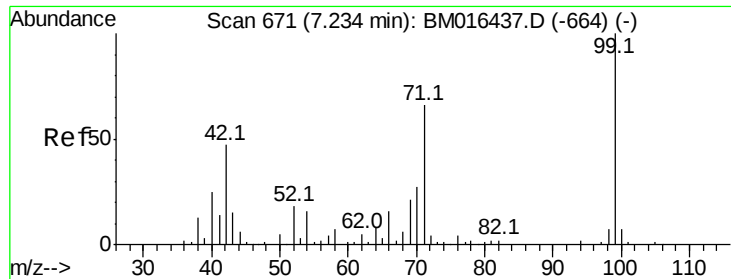
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.59 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: BM016468.D
 Acq: 18 Aug 2018 11:39

Tgt Ion:112 Resp: 73169
 Ion Ratio Lower Upper
 112 100
 64 60.9 38.6 57.8#
 63 52.1 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM
 Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: N.D. ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM016468.D

Acq: 18 Aug 2018 11:39

Instrument :

BNA_M

ClientSampleId :

72-11975

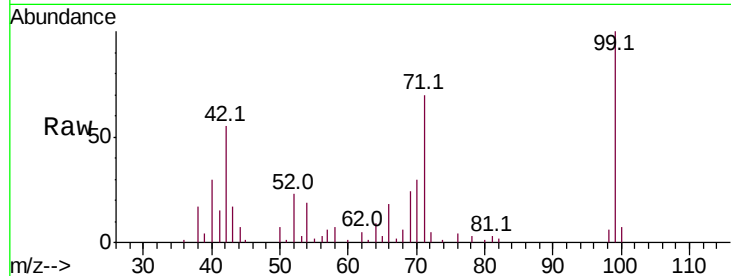
Tot Ion: 99 Resp: 78261

Ion Ratio Lower Upper

99 100

42 55.4 11.0 16.4#

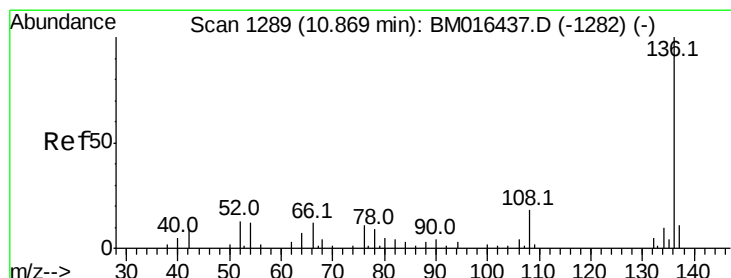
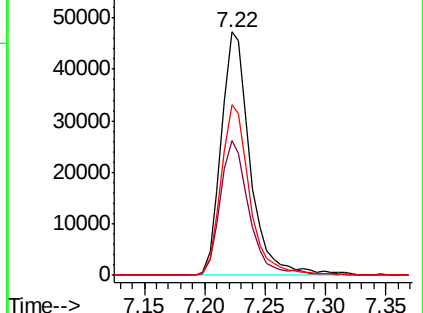
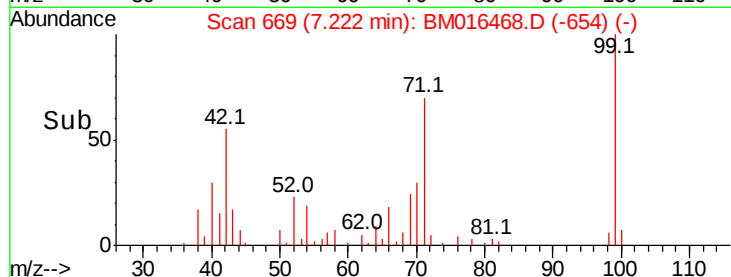
71 70.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016468.D (-654) (-)

Ion 42.00 (41.70 to 42.70): BM016468.D (-654) (-)

Ion 71.00 (70.70 to 71.70): BM016468.D (-654) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM016468.D

Acq: 18 Aug 2018 11:39

Tgt Ion: 136 Resp: 31489

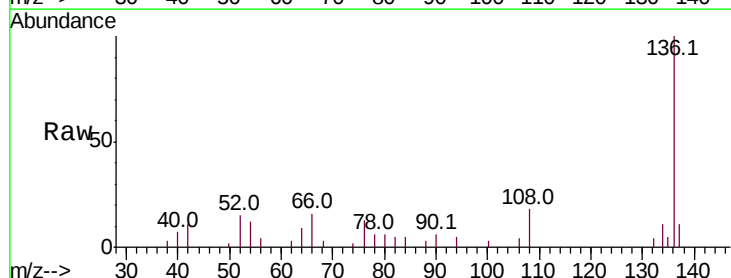
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 11.8 4.6 6.8#

68 3.1 3.7 5.5#

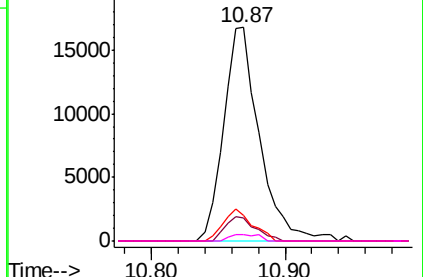
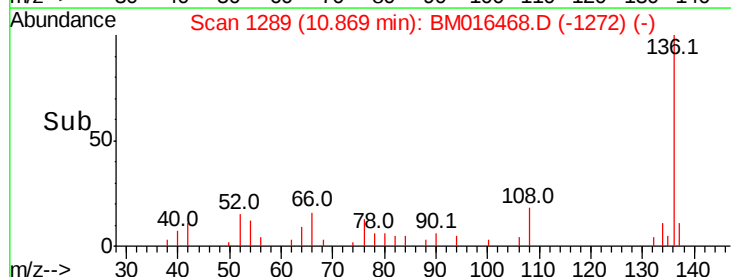


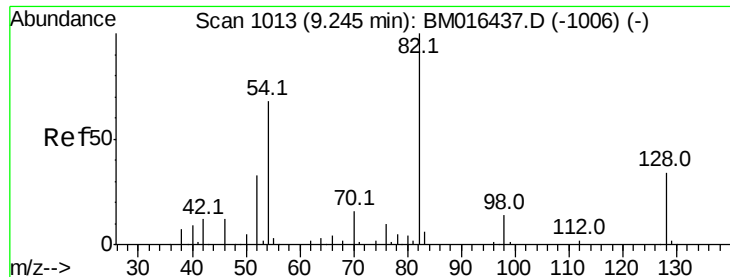
Abundance Ion 136.00 (135.70 to 136.70): BM016468.D (-1272) (-)

Ion 137.00 (136.70 to 137.70): BM016468.D (-1272) (-)

Ion 54.00 (53.70 to 54.70): BM016468.D (-1272) (-)

Ion 68.00 (67.70 to 68.70): BM016468.D (-1272) (-)

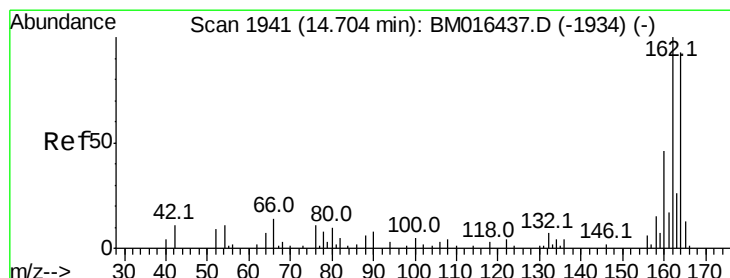
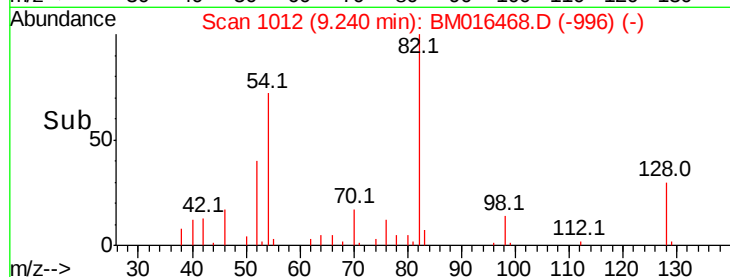
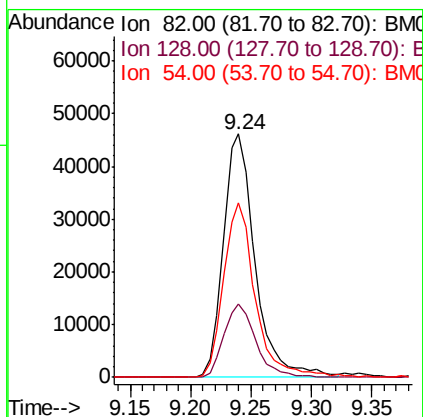
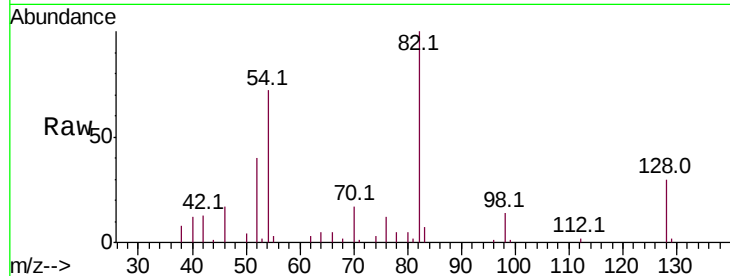




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016468.D
Acq: 18 Aug 2018 11:39

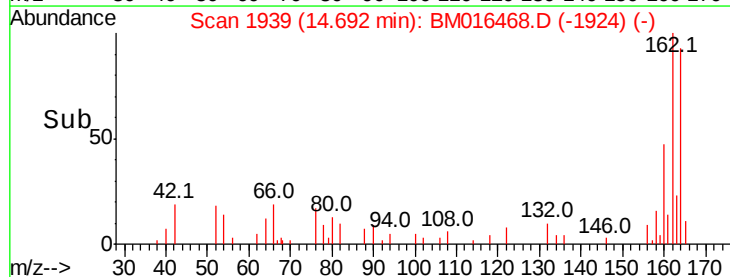
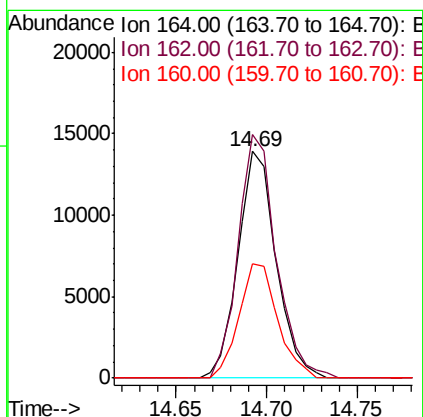
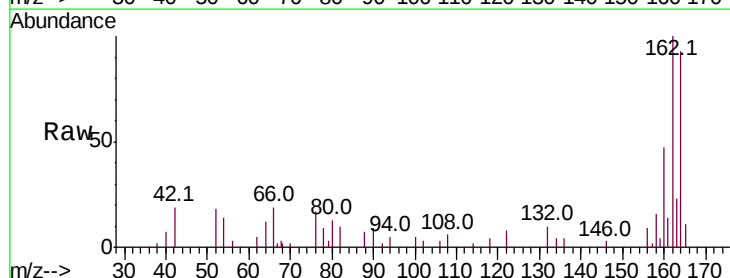
Instrument :
BNA_M
ClientSampleId :
72-11975

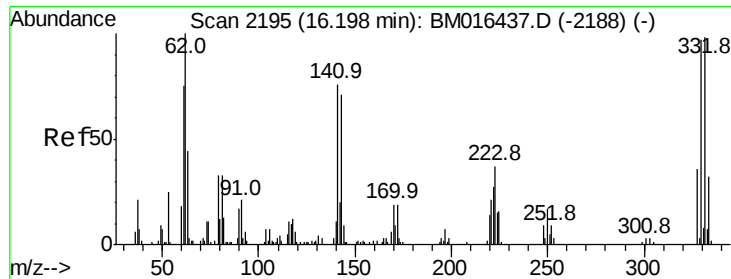
Tot Ion: 82 Resp: 84072
Ion Ratio Lower Upper
82 100
128 30.3 32.8 49.2#
54 71.9 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM016468.D
Acq: 18 Aug 2018 11:39

Tgt Ion: 164 Resp: 20381
Ion Ratio Lower Upper
164 100
162 107.4 82.4 123.6
160 50.5 35.8 53.6

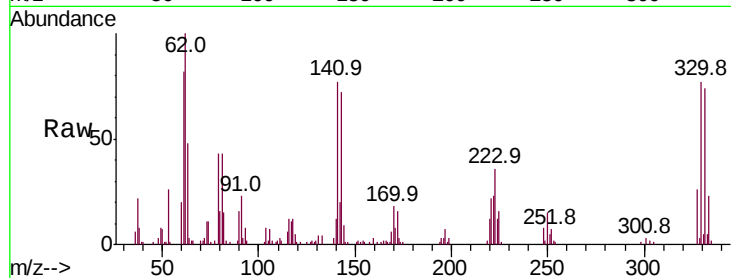




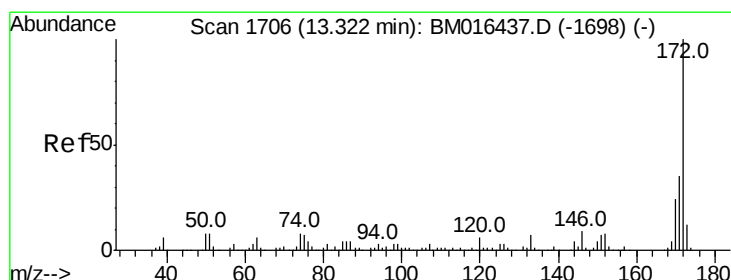
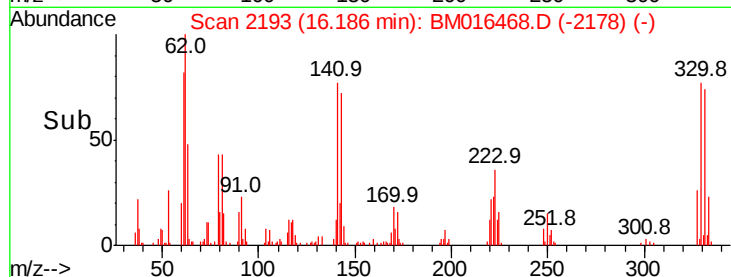
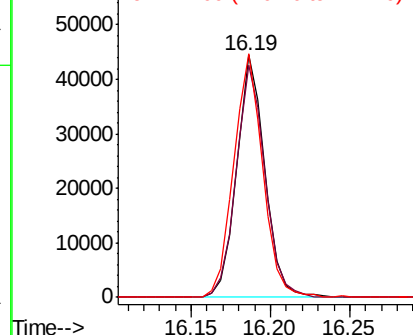
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.19 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM016468.D
 Acq: 18 Aug 2018 11:39

Instrument :
 BNA_M
 ClientSampleId :
 72-11975

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	104.0	0.0	0.0#

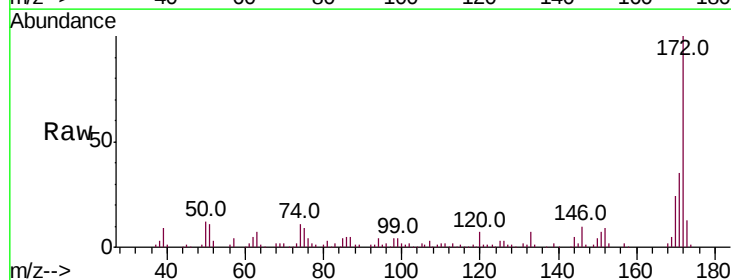


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

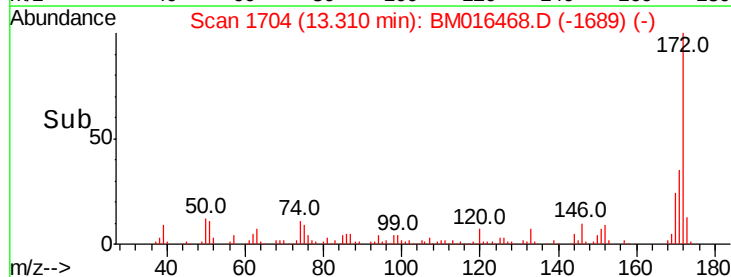
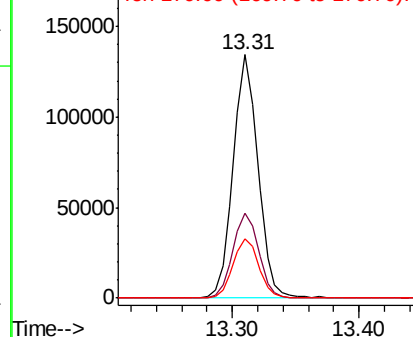


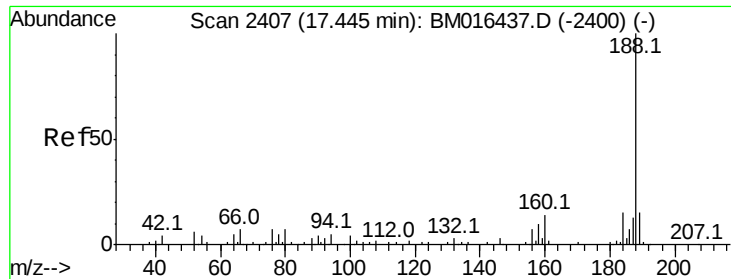
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.31 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM016468.D
 Acq: 18 Aug 2018 11:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	24.4	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

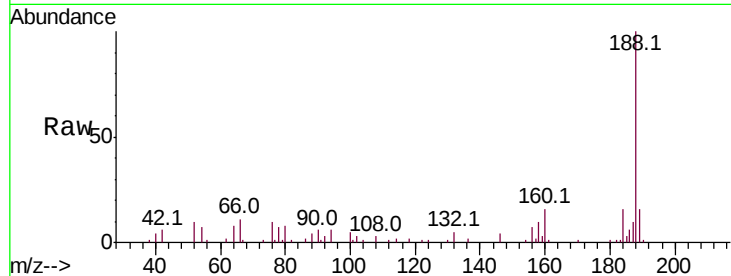




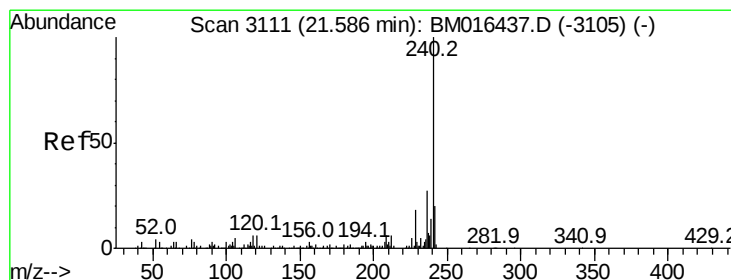
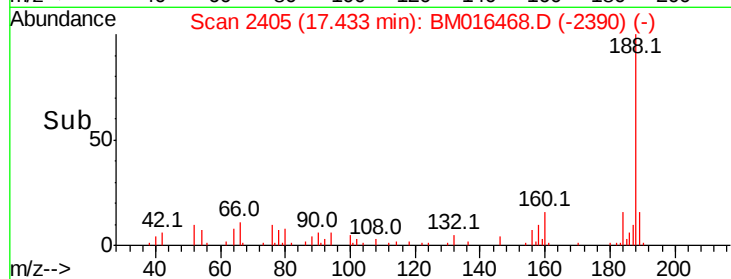
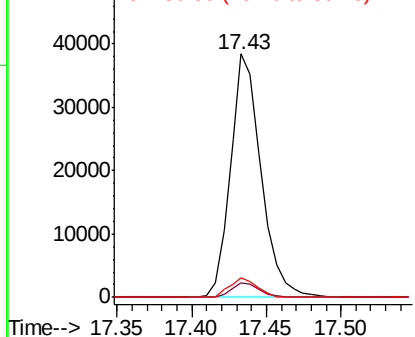
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM016468.D
Acq: 18 Aug 2018 11:39

Instrument :
BNA_M
ClientSampleId :
72-11975

Tot Ion:188 Resp: 54952
Ion Ratio Lower Upper
188 100
94 5.8 8.7 13.1#
80 7.9 9.3 13.9#

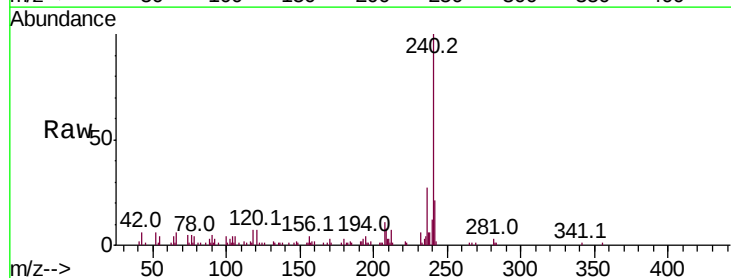


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

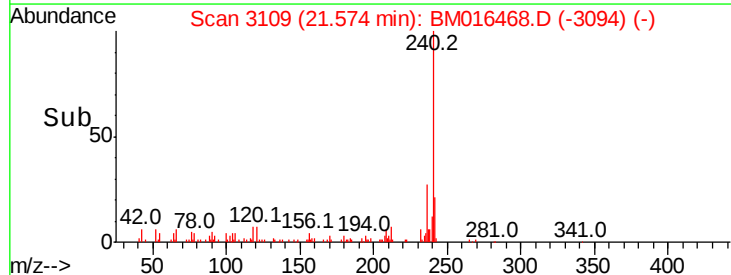
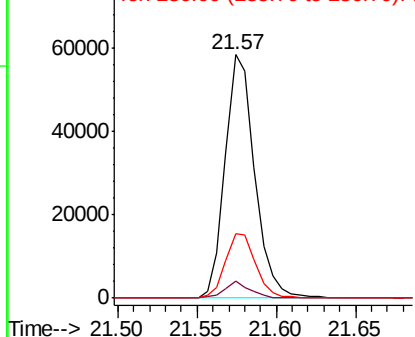


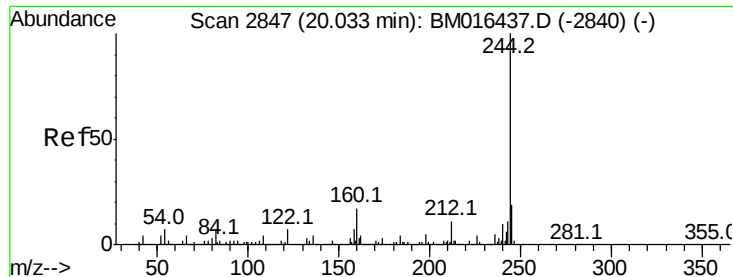
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM016468.D
Acq: 18 Aug 2018 11:39

Tgt Ion:240 Resp: 75698
Ion Ratio Lower Upper
240 100
120 7.0 8.2 12.2#
236 26.7 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. -0.00 min

Lab File: BM016468.D

Acq: 18 Aug 2018 11:39

Instrument :

BNA_M

ClientSampleId :

72-11975

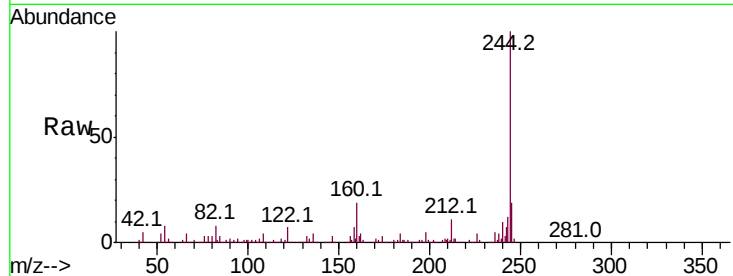
Tot Ion:244 Resp: 591817

Ion Ratio Lower Upper

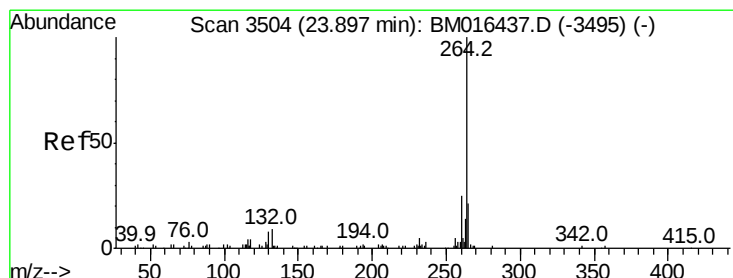
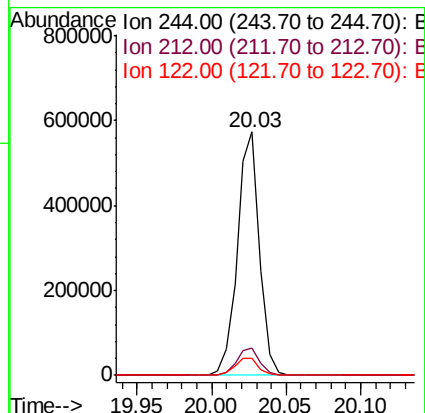
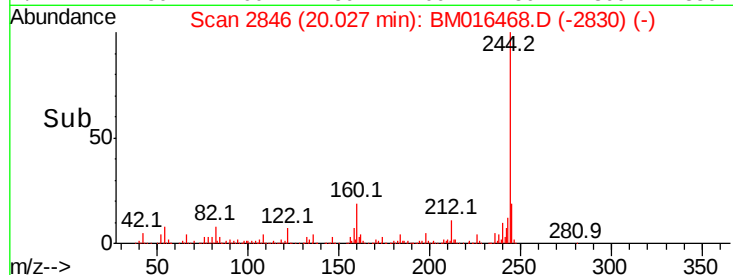
244 100

212 11.5 4.9 7.3#

122 6.9 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: BM016468.D

Acq: 18 Aug 2018 11:39

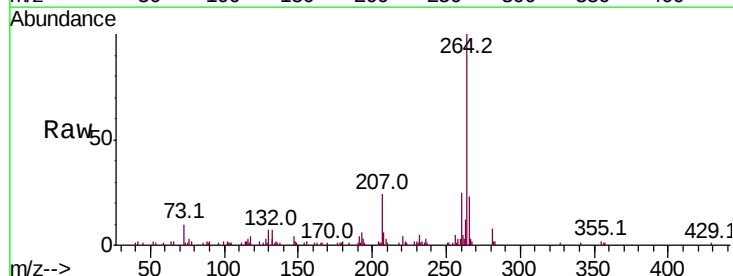
Tgt Ion:264 Resp: 105024

Ion Ratio Lower Upper

264 100

260 25.2 18.6 27.8

265 23.1 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

