

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016477.D
 Acq On : 18 Aug 2018 17:08
 Operator : SJ/JU
 Sample : PB112126BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BL

Quant Time: Aug 20 02:24:24 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	8.05	152	10113	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	37855	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	26160	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	72783	20.00	ng	-0.01
75) Chrysene-d12	21.58	240	98110	20.00	ng	0.00
86) Perylene-d12	23.89	264	115686	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	104800	174.15	ng	0.00
7) Phenol-d6	7.22	99	133517	165.07	ng	-0.01
23) Nitrobenzene-d5	9.24	82	101339	111.49	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	82243	208.15	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	255752	101.66	ng	-0.01
78) Terphenyl-d14	20.03	244	800495	123.32	ng	0.00

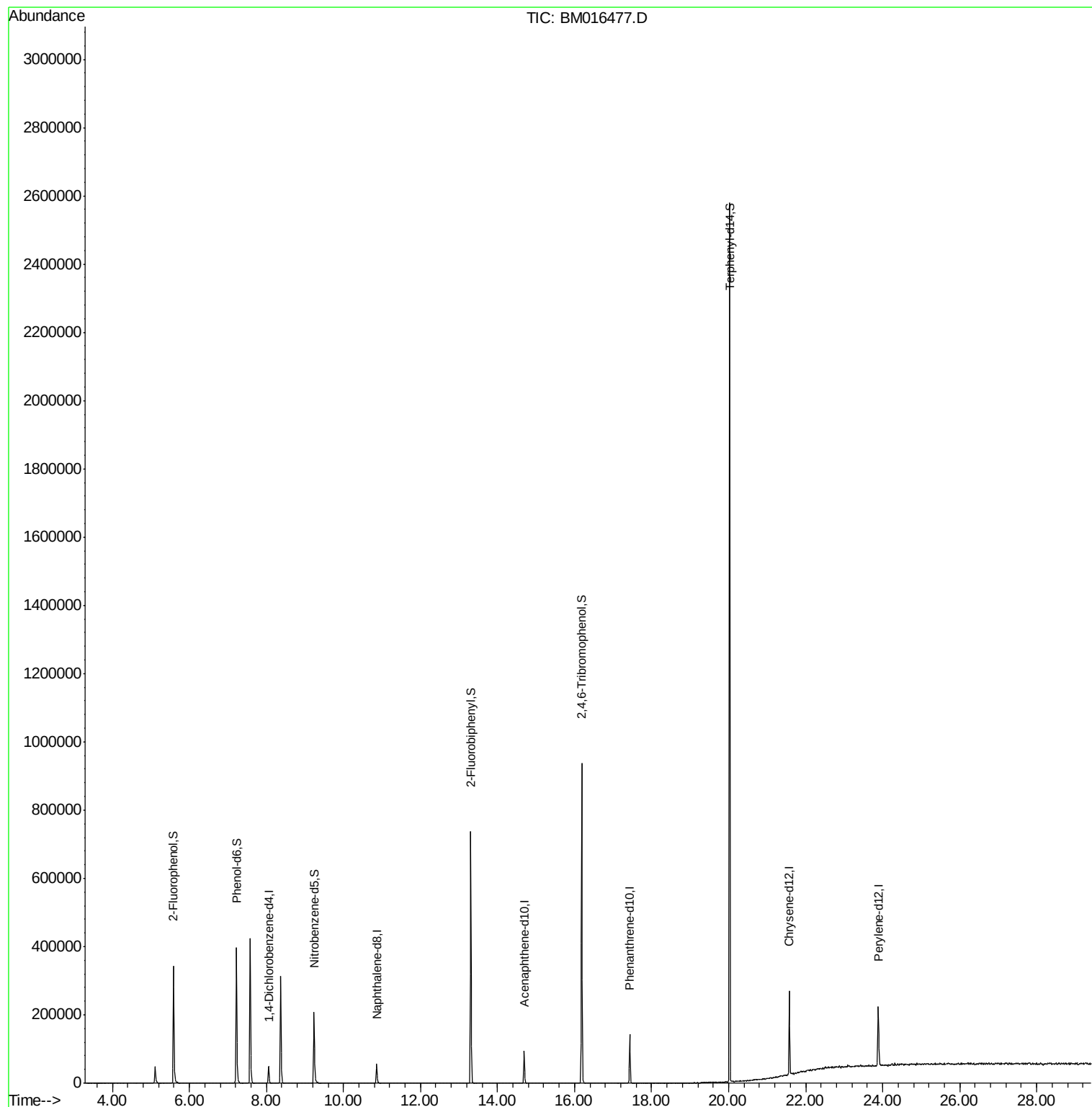
Target Compounds Qvalue

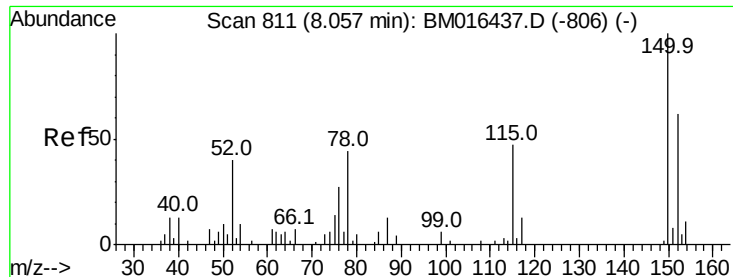
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.01 min

Lab File: BM016477.D

Acq: 18 Aug 2018 17:08

Instrument :

BNA_M

ClientSampleId :

PB112126BL

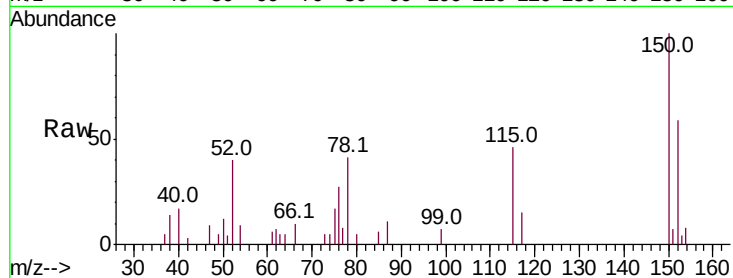
Tot Ion:152 Resp: 10113

Ion Ratio Lower Upper

152 100

150 170.5 119.5 179.3

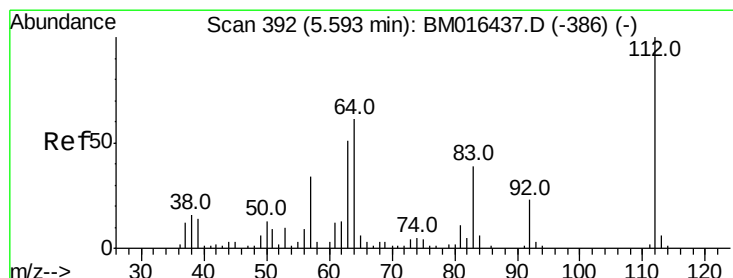
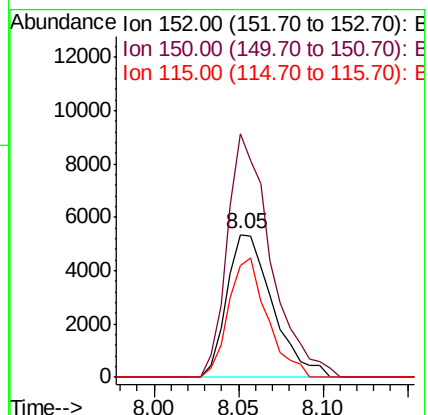
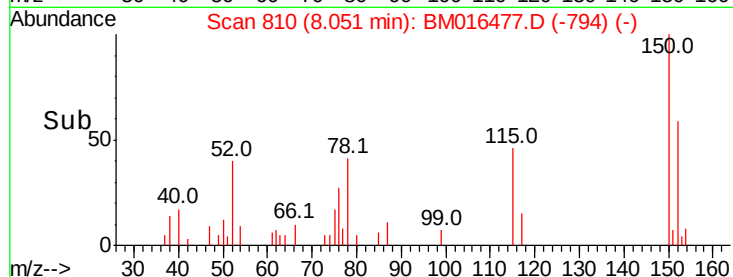
115 78.2 43.0 64.4#



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: BM016477.D

Acq: 18 Aug 2018 17:08

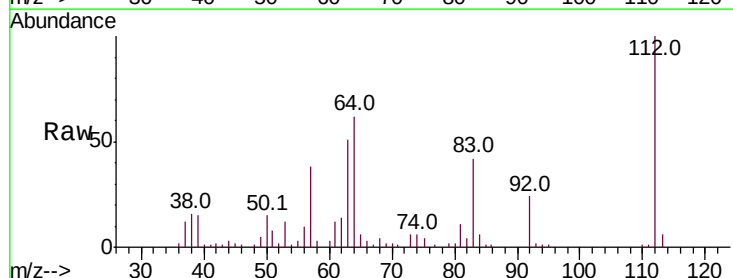
Tgt Ion:112 Resp: 104800

Ion Ratio Lower Upper

112 100

64 61.8 38.6 57.8#

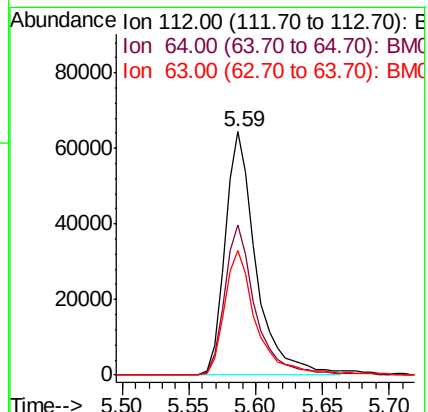
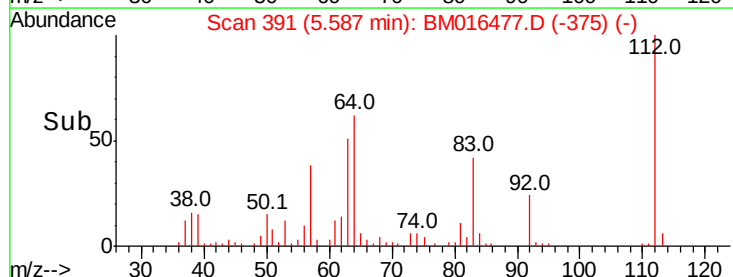
63 51.0 19.3 28.9#

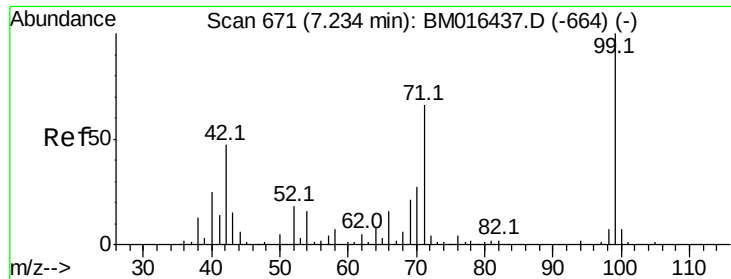


Abundance Ion 112.00 (111.70 to 112.70): E

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: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM016477.D

Acq: 18 Aug 2018 17:08

Instrument :

BNA_M

ClientSampleId :

PB112126BL

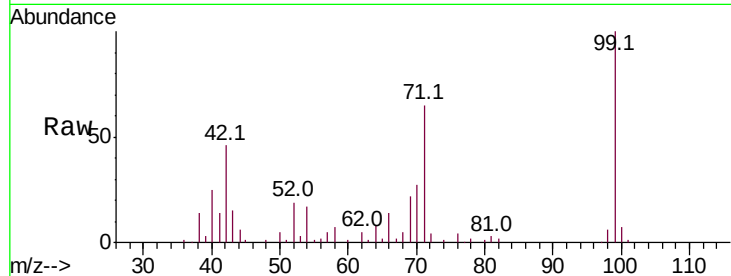
Tot Ion: 99 Resp: 133517

Ion Ratio Lower Upper

99 100

42 46.1 11.0 16.4#

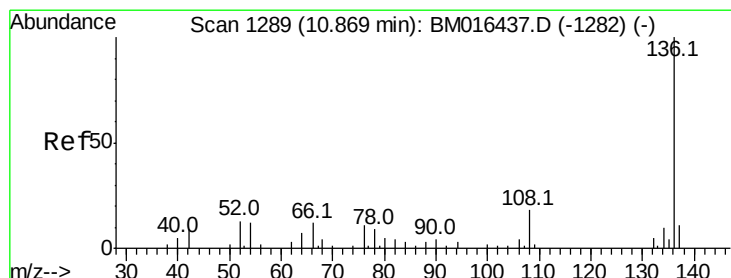
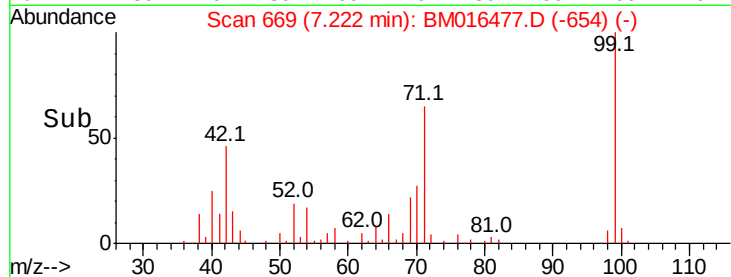
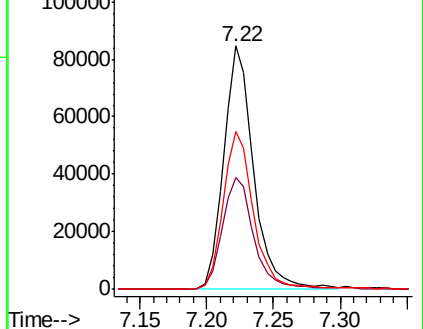
71 64.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016477.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM016477.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM016477.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BM016477.D

Acq: 18 Aug 2018 17:08

Tgt Ion: 136 Resp: 37855

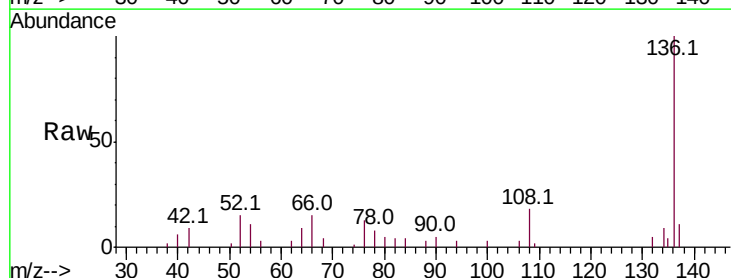
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 11.4 4.6 6.8#

68 4.1 3.7 5.5

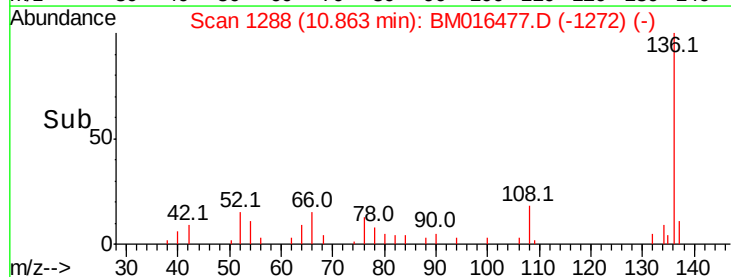
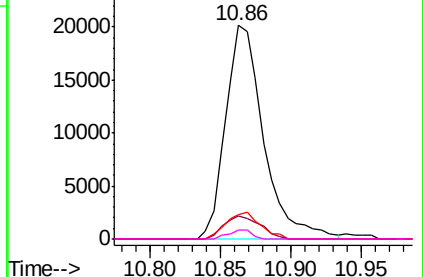


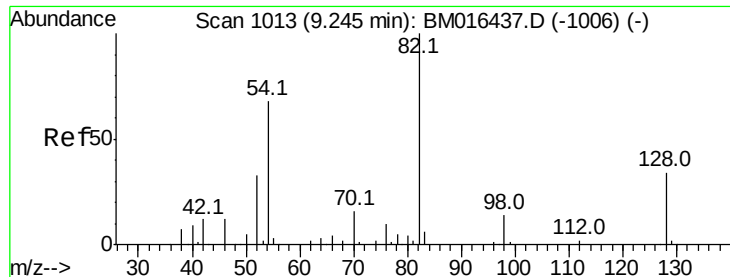
Abundance Ion 136.00 (135.70 to 136.70): BM016477.D (-1272) (-)

Ion 137.00 (136.70 to 137.70): BM016477.D (-1272) (-)

Ion 54.00 (53.70 to 54.70): BM016477.D (-1272) (-)

Ion 68.00 (67.70 to 68.70): BM016477.D (-1272) (-)

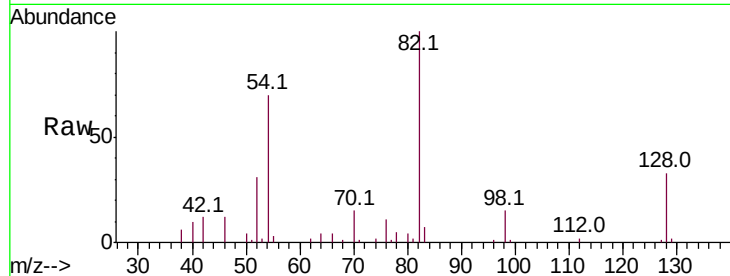




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BM016477.D
 Acq: 18 Aug 2018 17:08

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BL

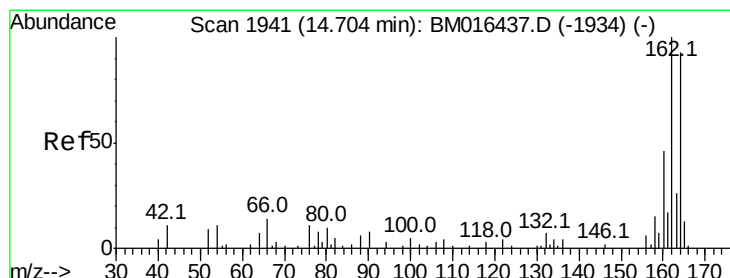
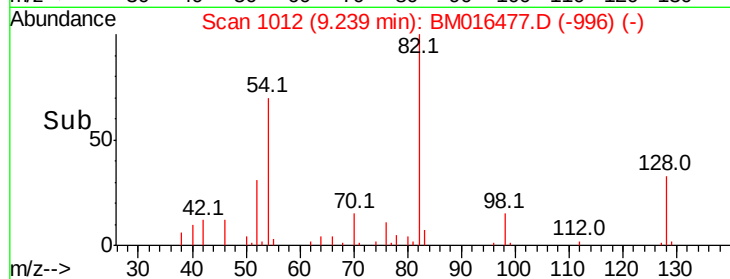
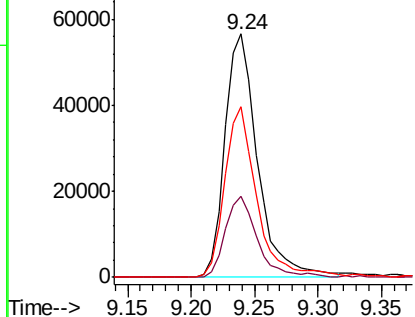
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	32.8	49.2
54	69.8	40.6	60.8#



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

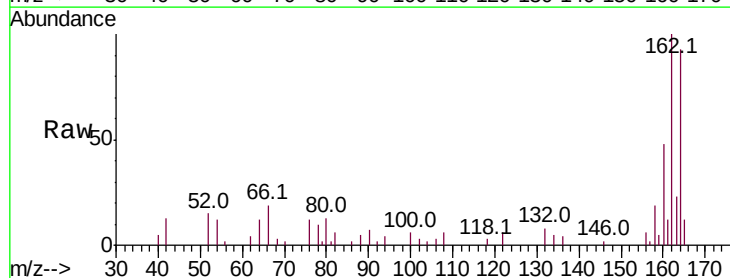
Ion 128.00 (127.70 to 128.70): BM016437.D (-1006) (-)

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



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM016477.D
 Acq: 18 Aug 2018 17:08

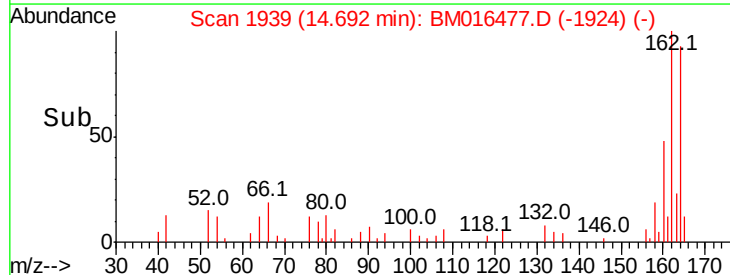
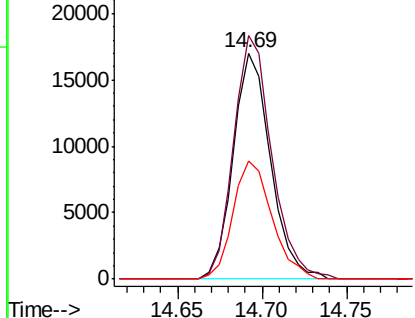
Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	82.4	123.6
160	52.1	35.8	53.6

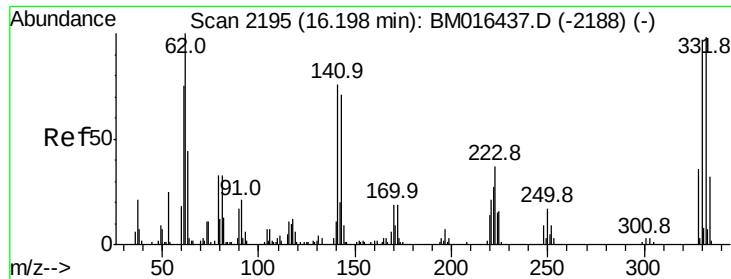


Abundance Ion 164.00 (163.70 to 164.70): BM016437.D (-1934) (-)

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

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

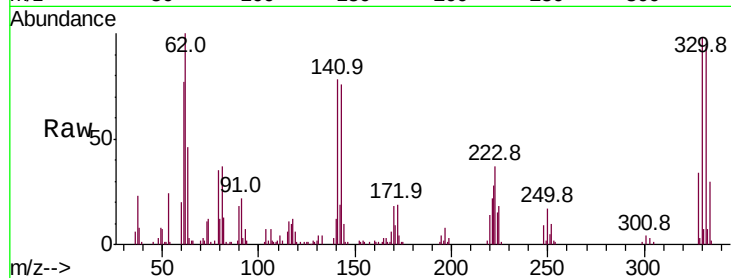




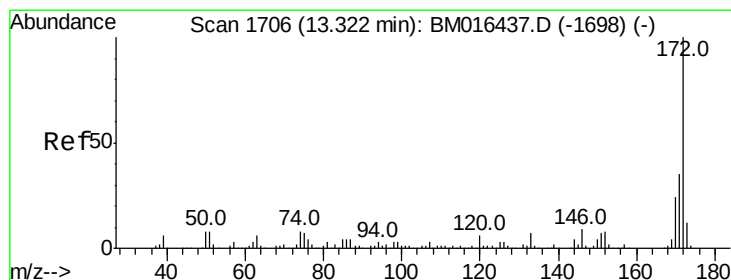
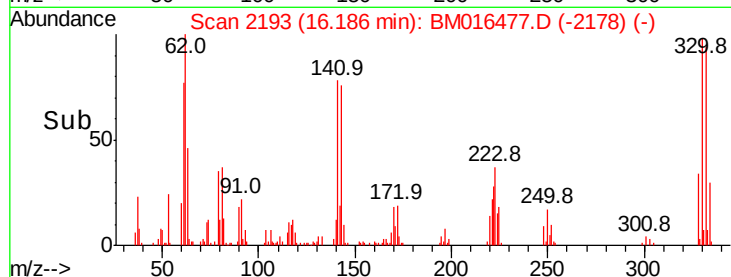
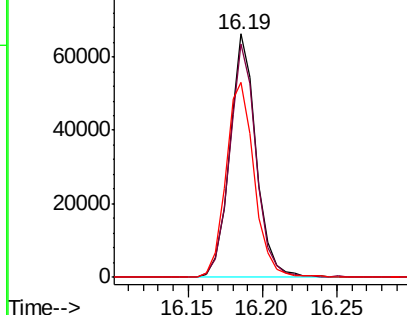
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.19 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM016477.D
 Acq: 18 Aug 2018 17:08

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BL

Tot Ion:330 Resp: 82243
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 86.3 0.0 0.0#

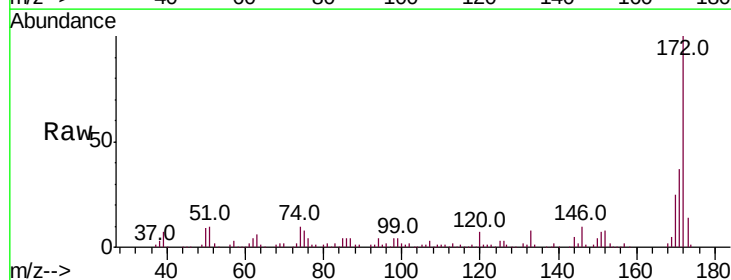


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

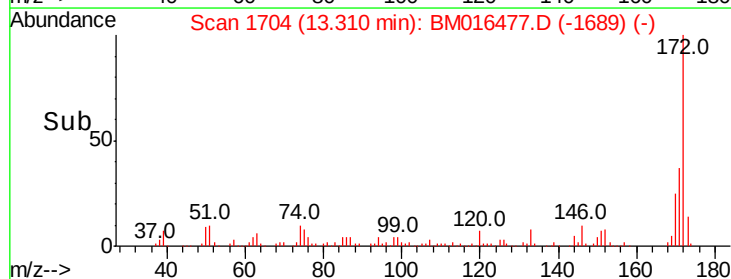
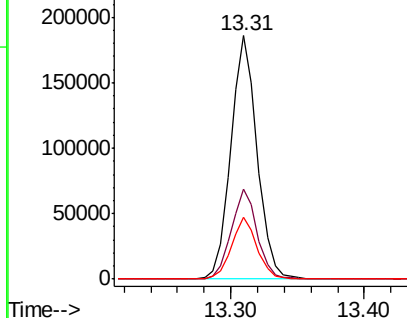


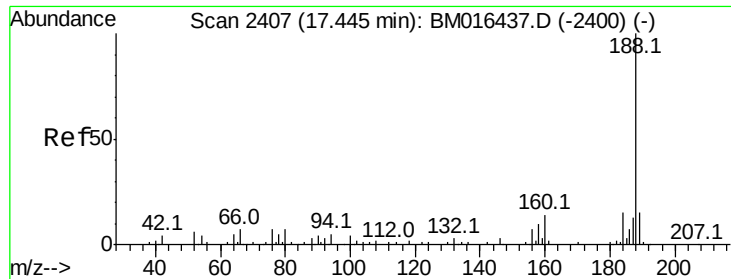
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.31 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM016477.D
 Acq: 18 Aug 2018 17:08

Tgt Ion:172 Resp: 255752
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.5 42.7
 170 25.2 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

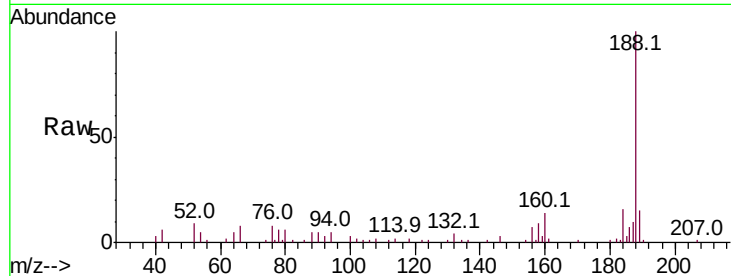




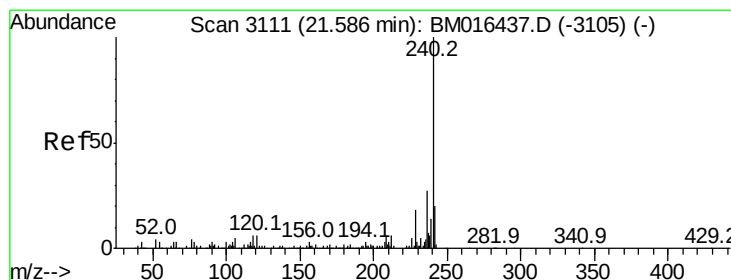
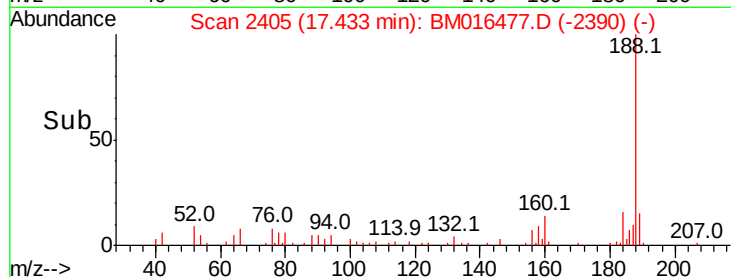
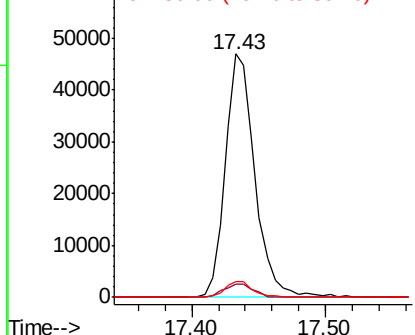
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BM016477.D
 Acq: 18 Aug 2018 17:08

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BL

Tot Ion:188 Resp: 72783
 Ion Ratio Lower Upper
 188 100
 94 5.4 8.7 13.1#
 80 6.2 9.3 13.9#

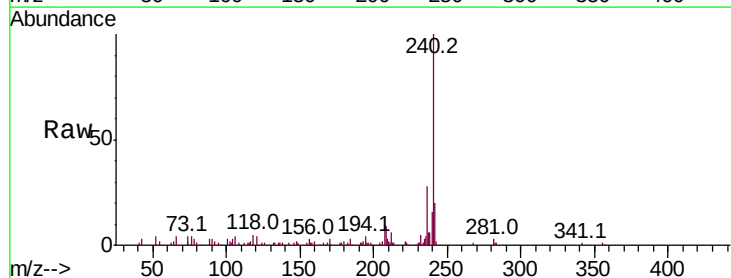


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

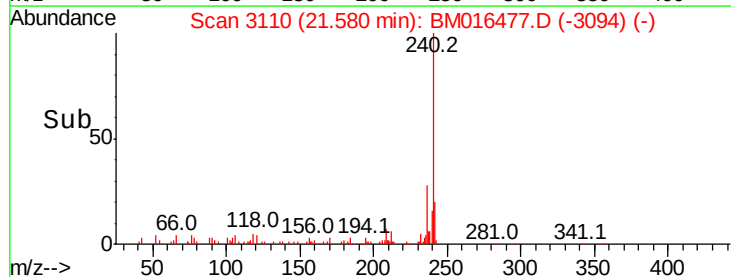
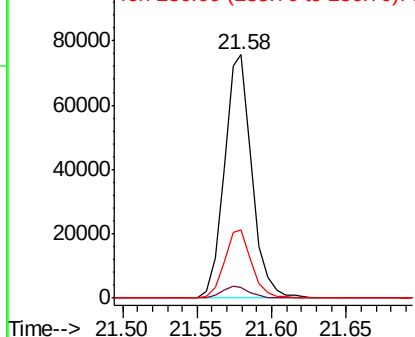


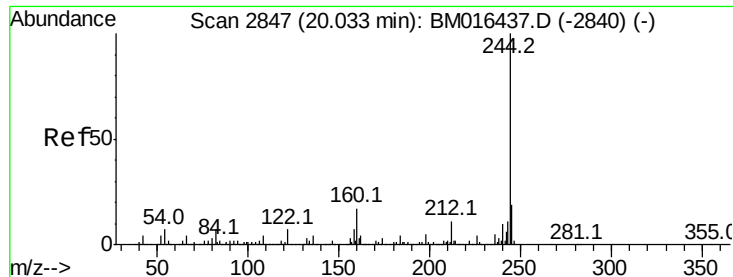
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.58 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM016477.D
 Acq: 18 Aug 2018 17:08

Tgt Ion:240 Resp: 98110
 Ion Ratio Lower Upper
 240 100
 120 4.4 8.2 12.2#
 236 28.1 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

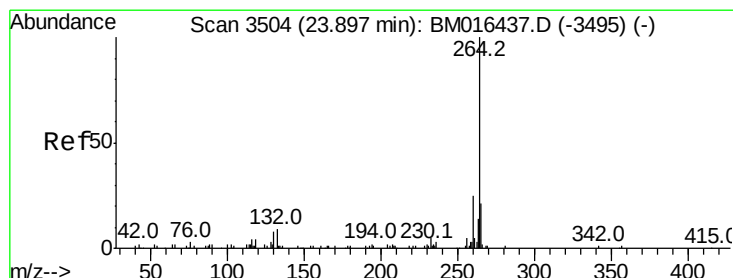
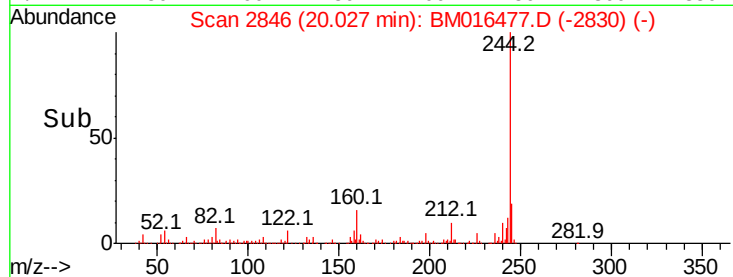
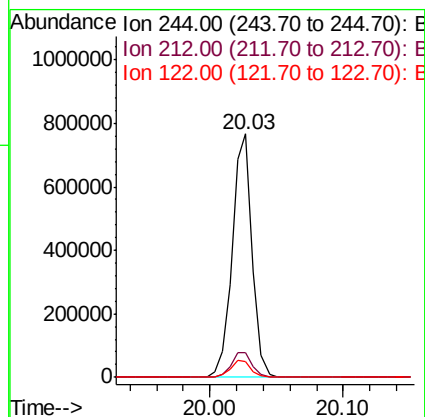
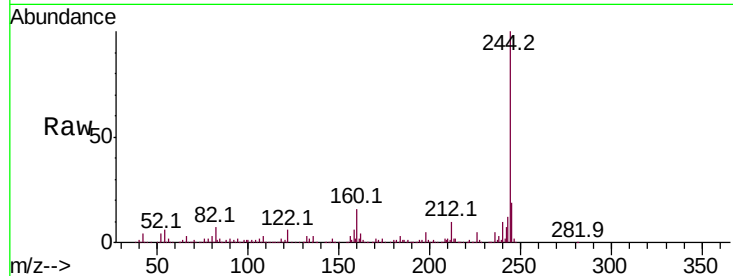




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.03 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BM016477.D
 Acq: 18 Aug 2018 17:08

Instrument :
 BNA_M
 ClientSampleId :
 PB112126BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.1	4.9	7.3#
122	6.2	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.89 min Scan# 3502
 Delta R.T. -0.01 min
 Lab File: BM016477.D
 Acq: 18 Aug 2018 17:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.8	18.6	27.8
265	22.0	17.3	25.9

