

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016452.D
 Acq On : 18 Aug 2018 00:08
 Operator : SJ/JU
 Sample : J4521-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT2286

Quant Time: Aug 18 03:08:19 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	9269	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	35616	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	24052	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	67724	20.00	ng	0.00
75) Chrysene-d12	21.58	240	98127	20.00	ng	0.00
86) Perylene-d12	23.89	264	112730	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	87684	158.98	ng	0.00
7) Phenol-d6	7.23	99	96143	129.69	ng	0.00
23) Nitrobenzene-d5	9.24	82	99528	116.38	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	77952	214.58	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	244277	105.61	ng	0.00
78) Terphenyl-d14	20.03	244	790622	121.78	ng	0.00

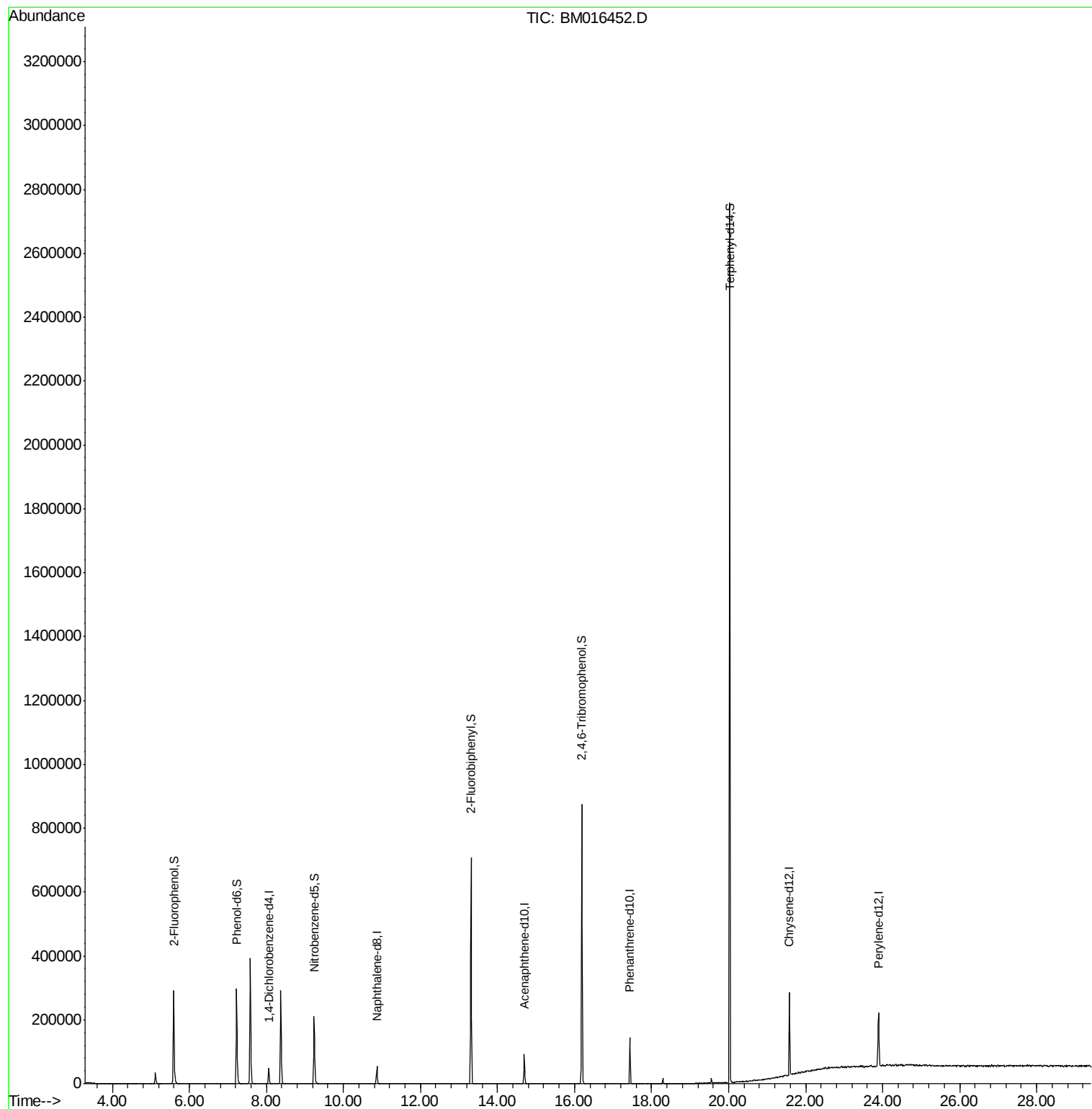
Target Compounds Qvalue

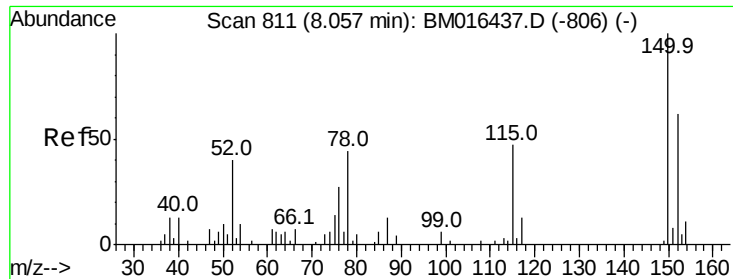
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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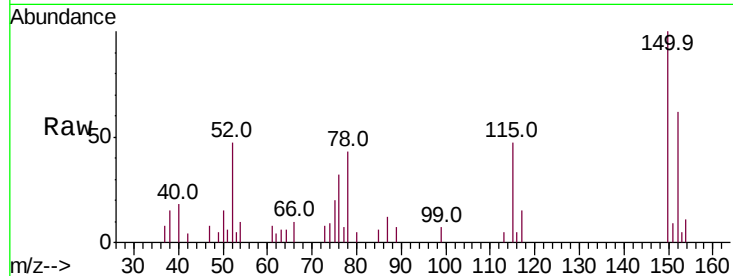


#1

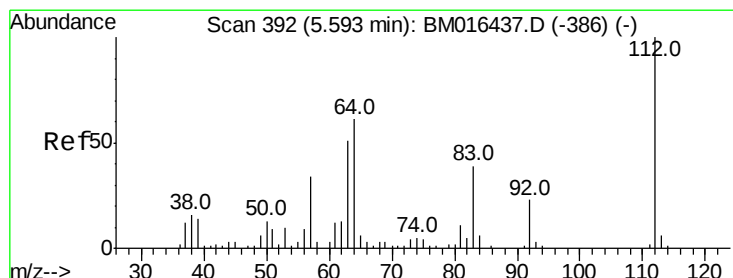
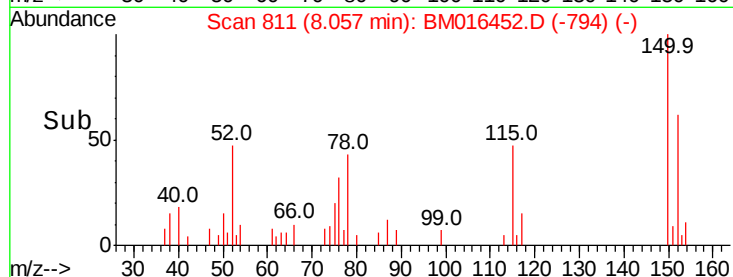
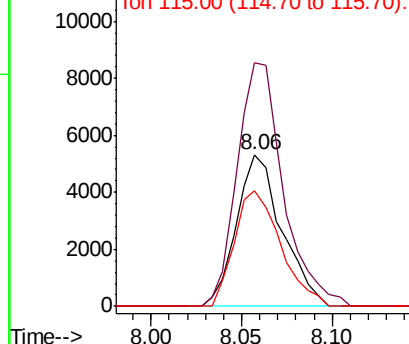
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BM016452.D
 Acq: 18 Aug 2018 00:08

Instrument :
 BNA_M
 ClientSampleId :
 RT2286

Tot Ion:152 Resp: 9269
 Ion Ratio Lower Upper
 152 100
 150 160.2 119.5 179.3
 115 75.8 43.0 64.4#



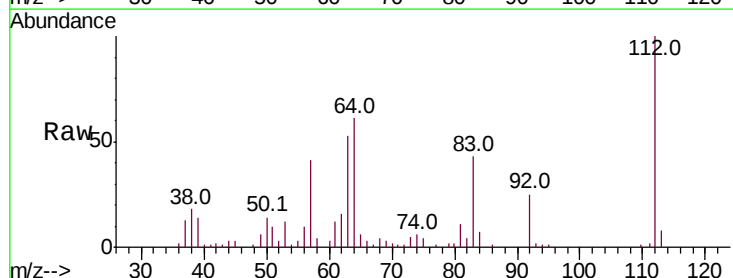
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



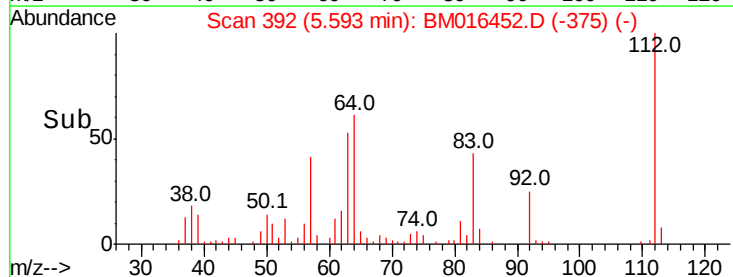
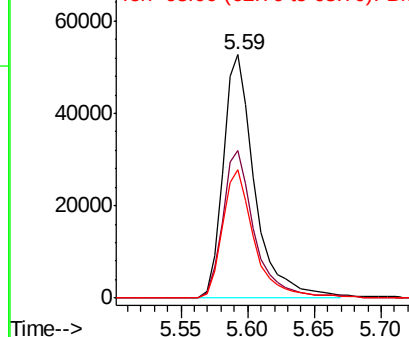
#5

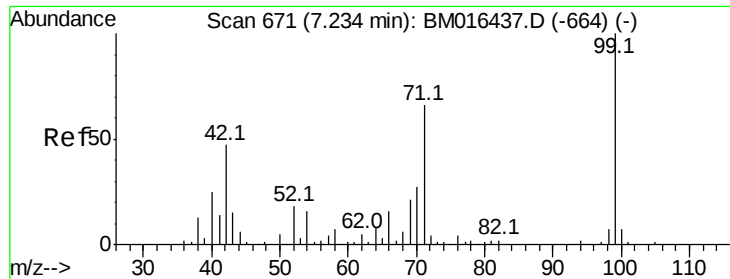
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.59 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BM016452.D
 Acq: 18 Aug 2018 00:08

Tgt Ion:112 Resp: 87684
 Ion Ratio Lower Upper
 112 100
 64 60.8 38.6 57.8#
 63 52.7 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: BM016452.D

Acq: 18 Aug 2018 00:08

Instrument :

BNA_M

ClientSampleId :

RT2286

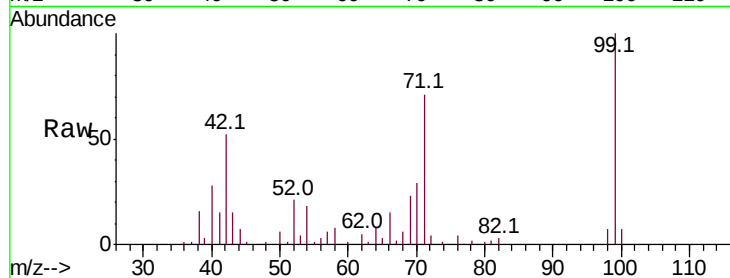
Tot Ion: 99 Resp: 96143

Ion Ratio Lower Upper

99 100

42 52.2 11.0 16.4#

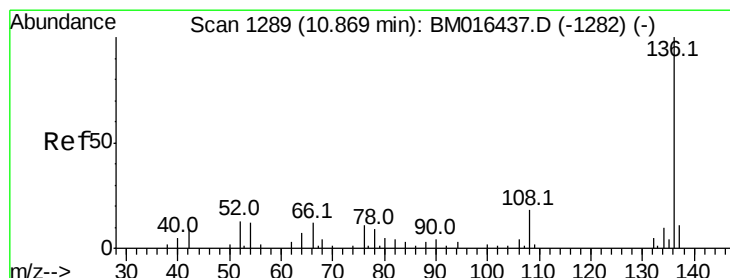
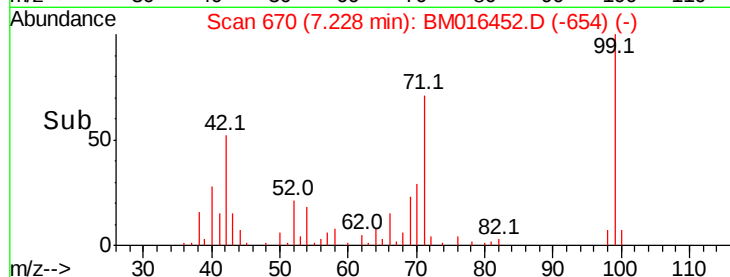
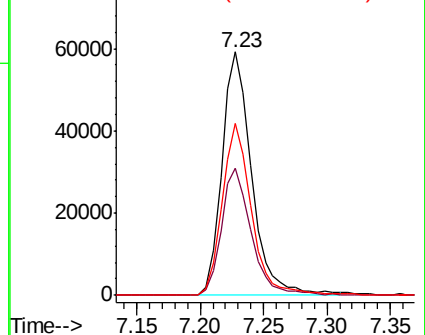
71 70.5 23.4 35.2#



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: BM016452.D

Acq: 18 Aug 2018 00:08

Tgt Ion: 136 Resp: 35616

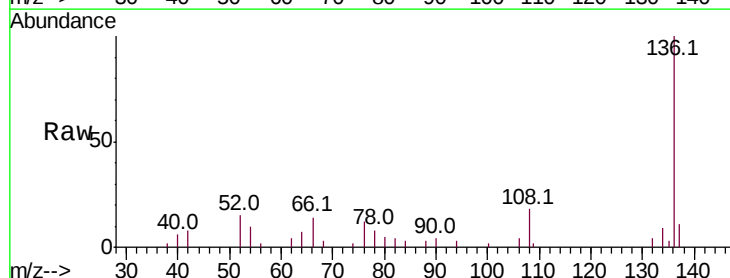
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 10.2 4.6 6.8#

68 3.3 3.7 5.5#

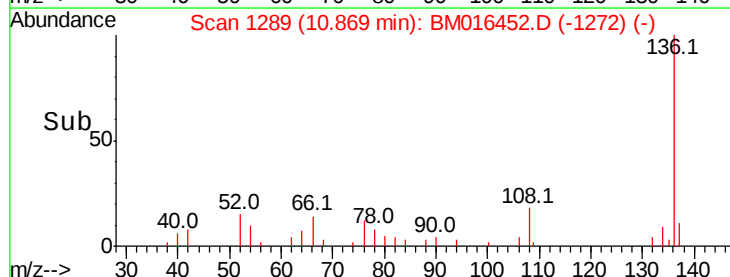
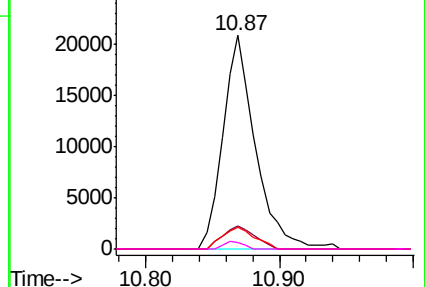


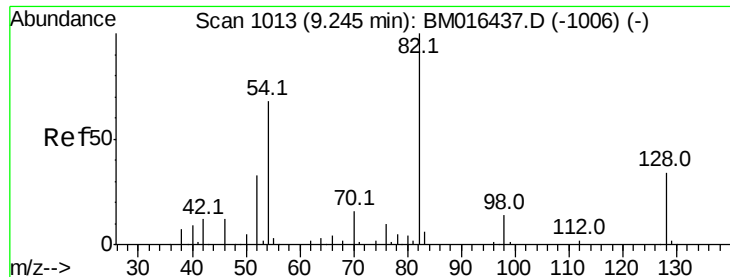
Abundance Ion 136.00 (135.70 to 136.70): BM016437.D (-1282) (-)

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) (-)

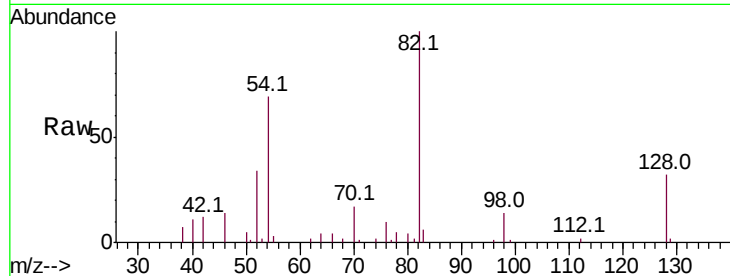




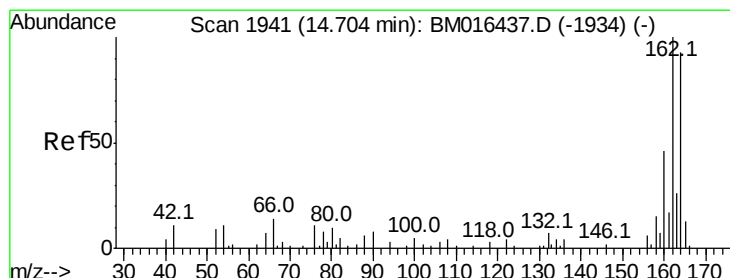
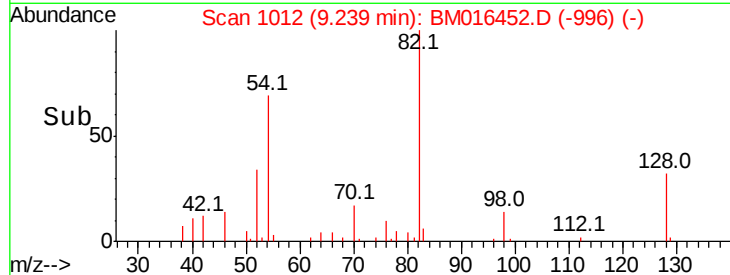
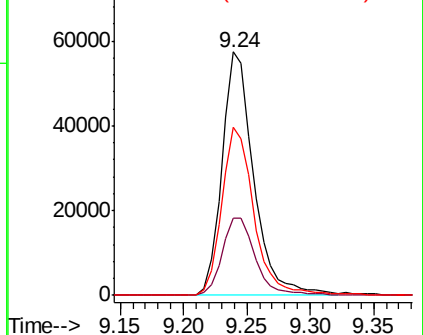
#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BM016452.D
 Acq: 18 Aug 2018 00:08

Instrument :
 BNA_M
 ClientSampleId :
 RT2286

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.8	32.8	49.2#
54	69.3	40.6	60.8#

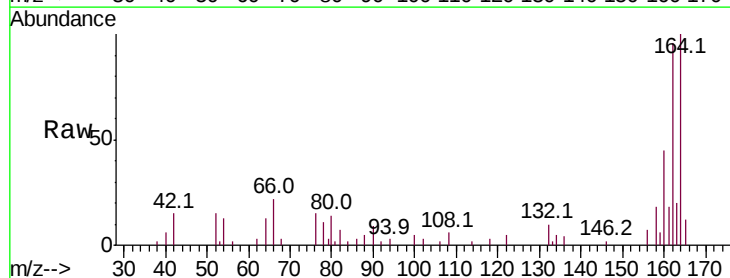


Abundance Ion 82.00 (81.70 to 82.70): BM016437.D (-1006) (-)

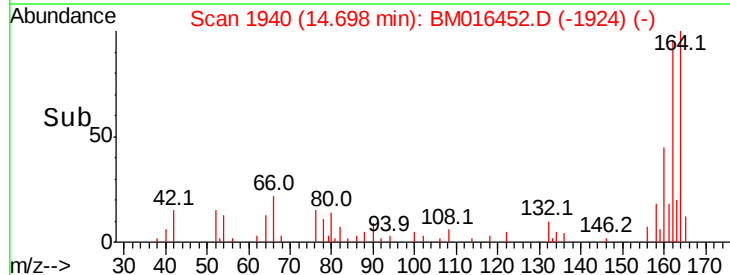
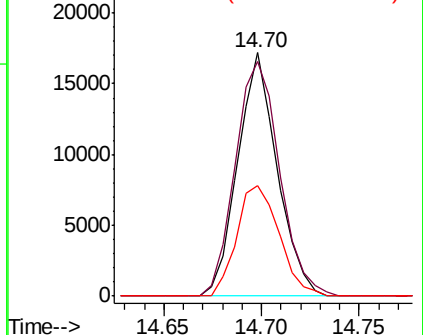


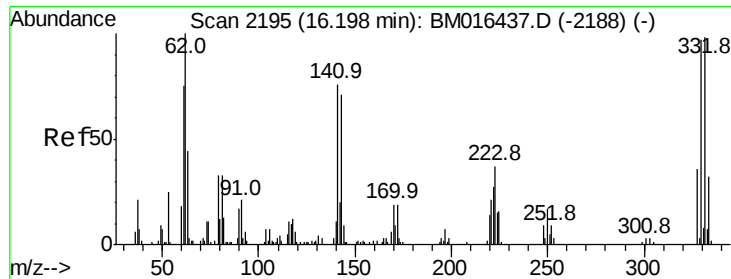
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BM016452.D
 Acq: 18 Aug 2018 00:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	82.4	123.6
160	45.3	35.8	53.6



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

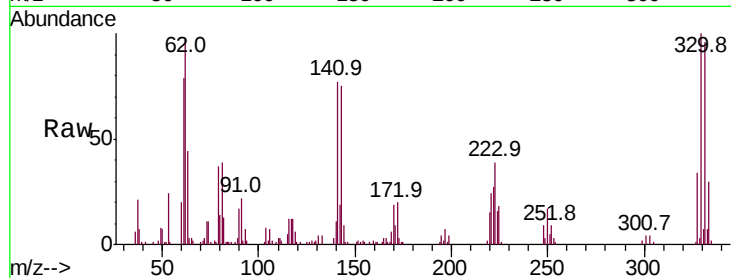




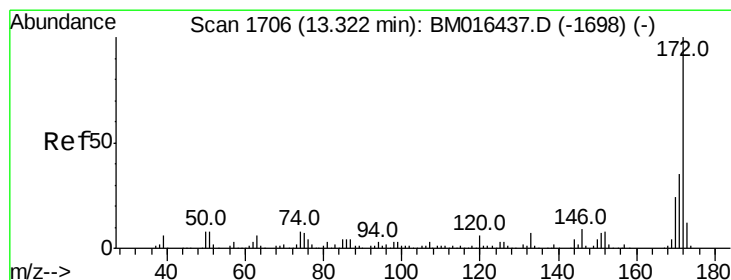
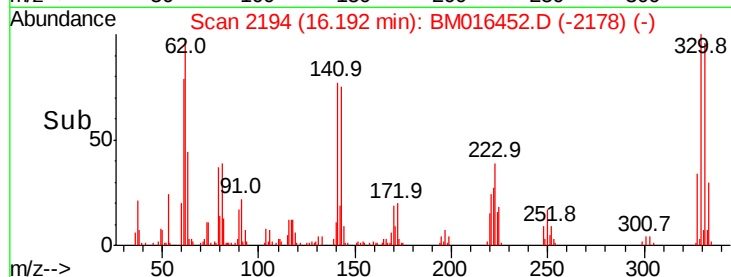
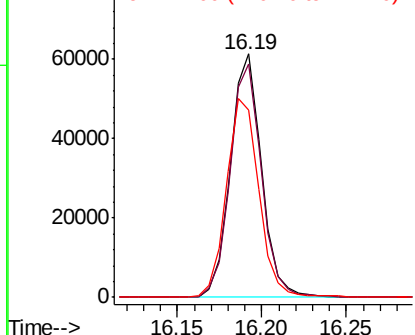
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.19 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM016452.D
 Acq: 18 Aug 2018 00:08

Instrument :
 BNA_M
 ClientSampleId :
 RT2286

Tot Ion:330 Resp: 77952
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 85.9 0.0 0.0#

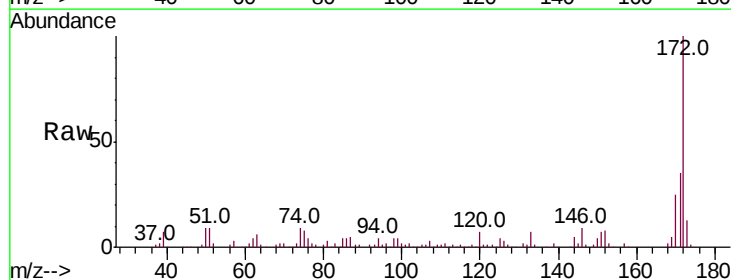


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

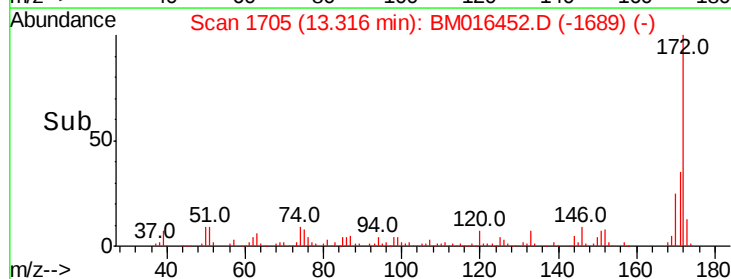
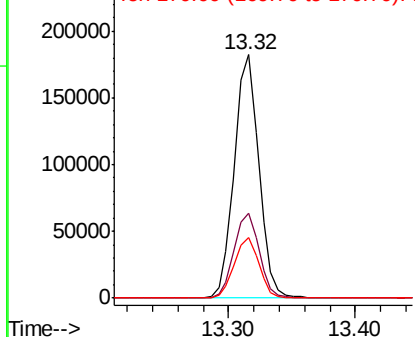


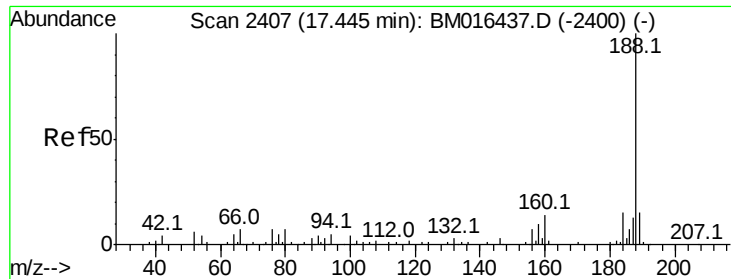
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.32 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM016452.D
 Acq: 18 Aug 2018 00:08

Tgt Ion:172 Resp: 244277
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 25.0 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

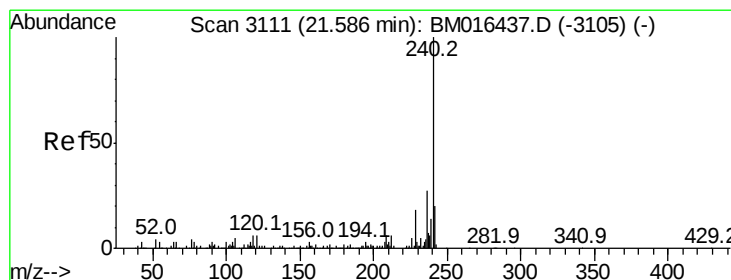
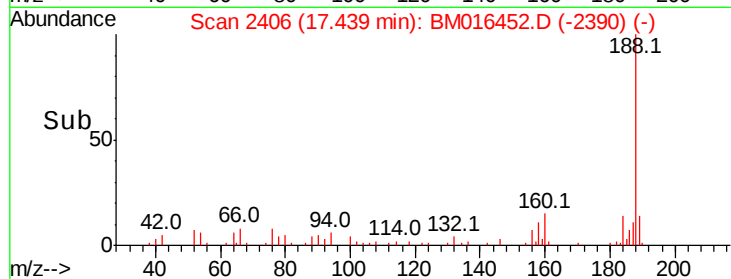
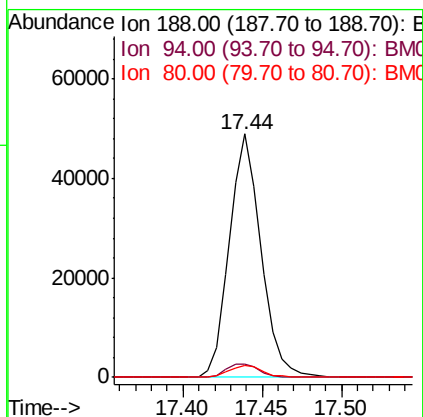
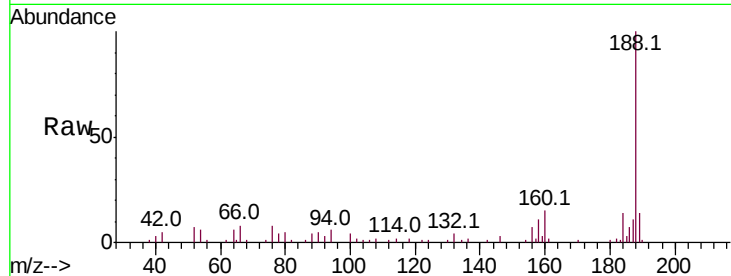




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM016452.D
Acq: 18 Aug 2018 00:08

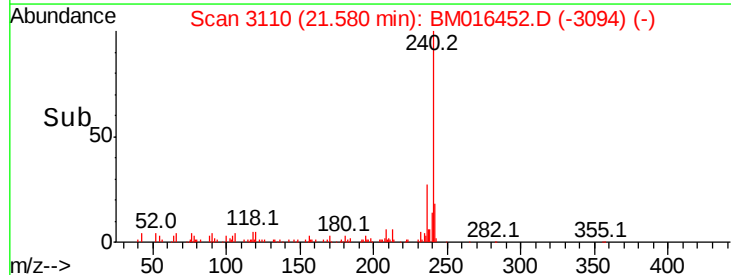
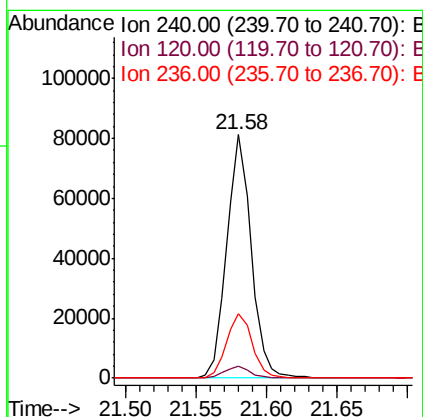
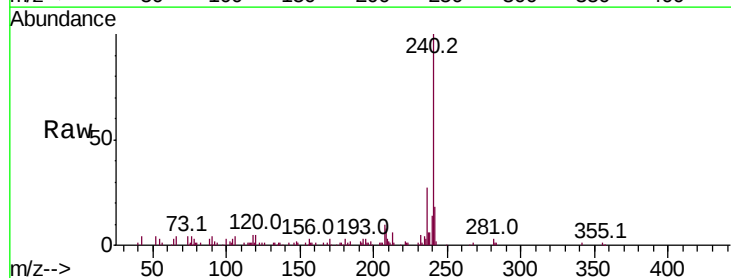
Instrument :
BNA_M
ClientSampleId :
RT2286

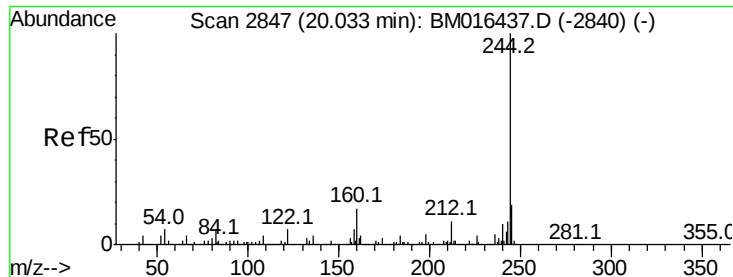
Tot Ion:188 Resp: 67724
Ion Ratio Lower Upper
188 100
94 5.5 8.7 13.1#
80 5.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016452.D
Acq: 18 Aug 2018 00:08

Tgt Ion:240 Resp: 98127
Ion Ratio Lower Upper
240 100
120 4.7 8.2 12.2#
236 26.6 20.0 30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.03 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BM016452.D

Acq: 18 Aug 2018 00:08

Instrument :

BNA_M

ClientSampleId :

RT2286

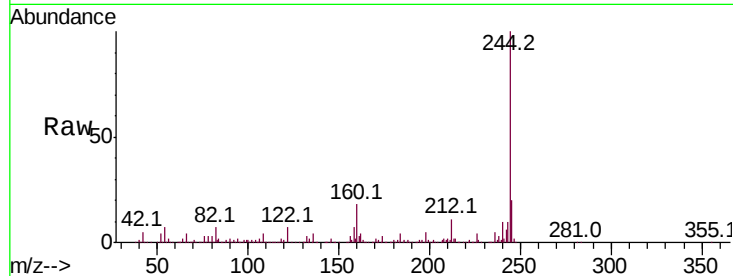
Tot Ion:244 Resp: 790622

Ion Ratio Lower Upper

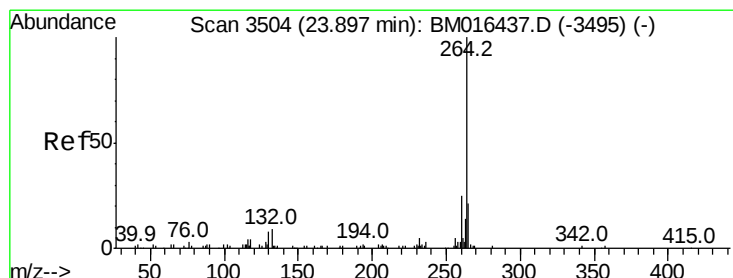
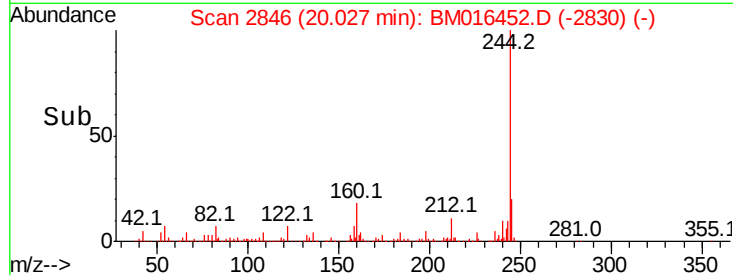
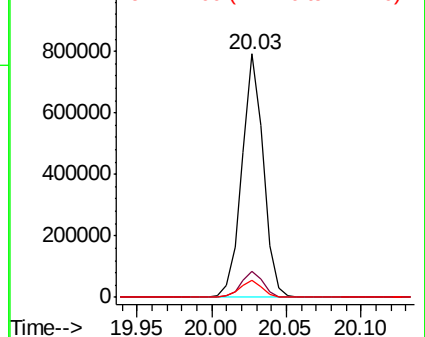
244 100

212 10.7 4.9 7.3#

122 7.0 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: BM016452.D

Acq: 18 Aug 2018 00:08

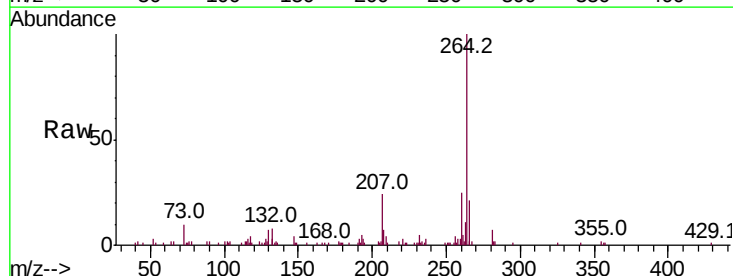
Tgt Ion:264 Resp: 112730

Ion Ratio Lower Upper

264 100

260 25.2 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

