

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015490.D
 Acq On : 06 Jun 2018 15:36
 Operator : SJ/JU
 Sample : J3263-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 06 16:15:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 06 14:01:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	151595	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	578848	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	302178	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	649915	20.00	ng	0.00
75) Chrysene-d12	21.80	240	657007	20.00	ng	0.00
86) Perylene-d12	24.22	264	693449	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1191687	133.72	ng	0.00
7) Phenol-d6	7.50	99	1403913	104.22	ng	0.00
23) Nitrobenzene-d5	9.55	82	1068744	100.43	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	626300	144.22	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2144087	95.27	ng	0.00
78) Terphenyl-d14	20.26	244	3588168	126.06	ng	0.00

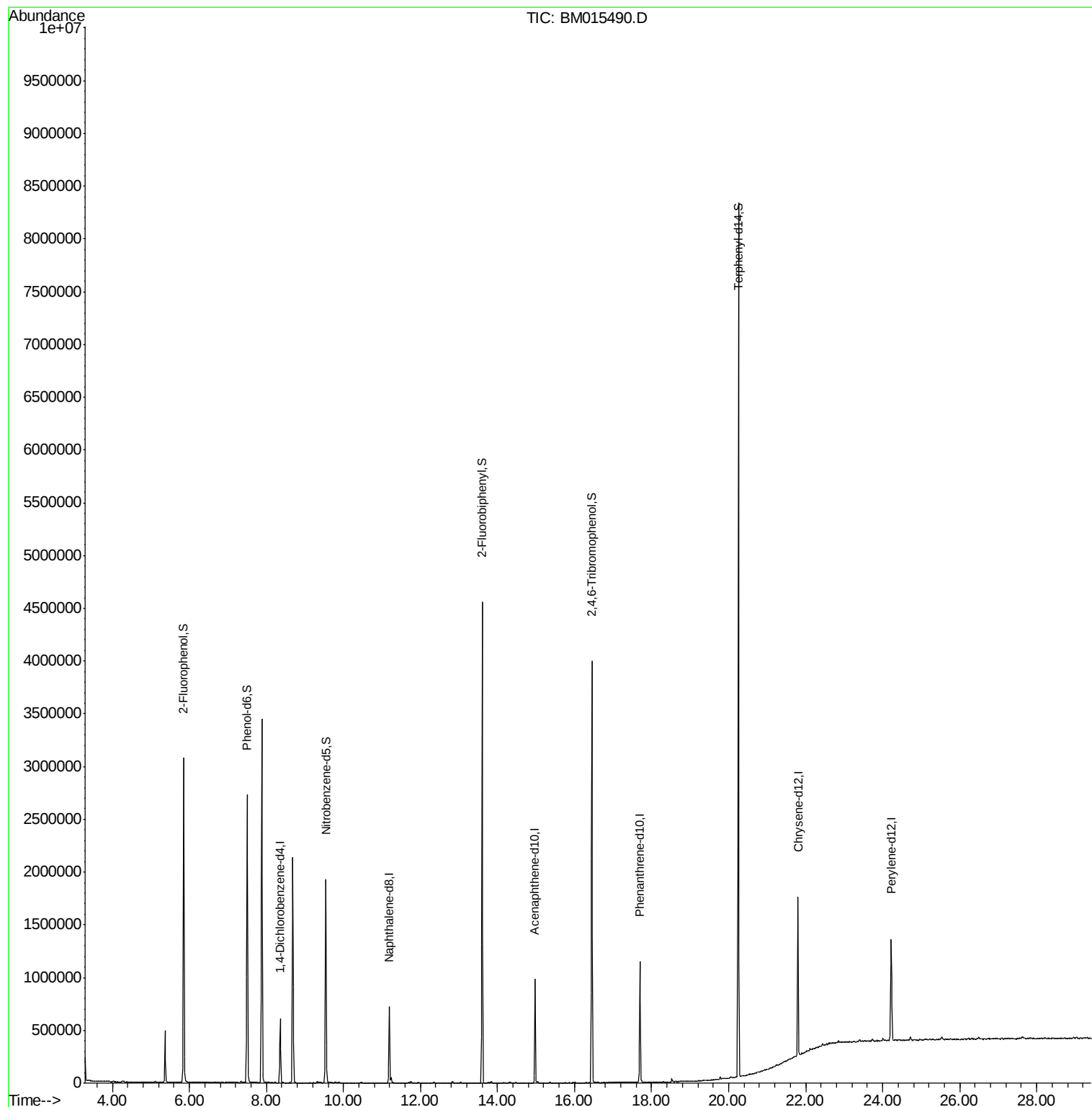
Target Compounds Qvalue

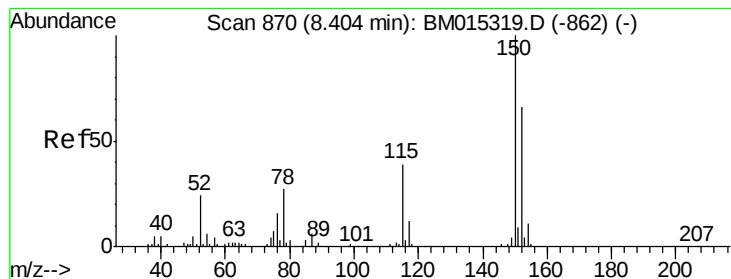
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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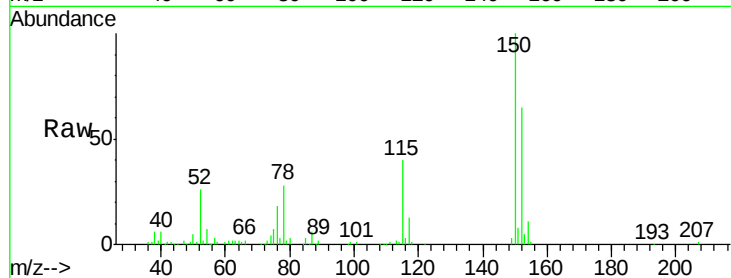


#1

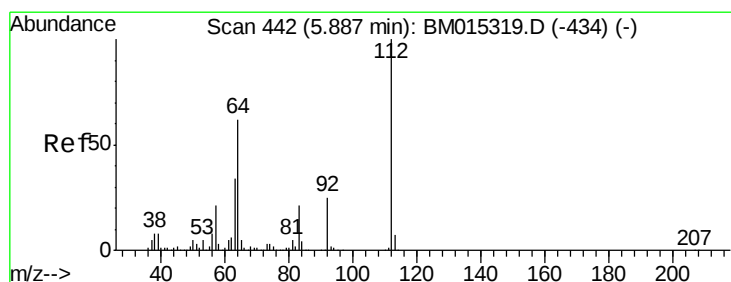
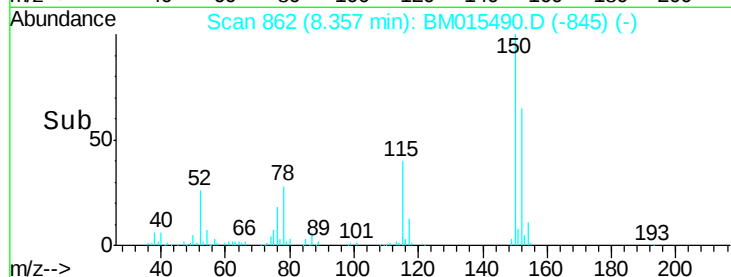
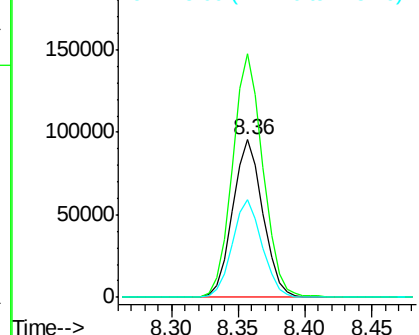
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM015490.D
Acq: 06 Jun 2018 15:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	119.5	179.3
115	61.6	43.0	64.4



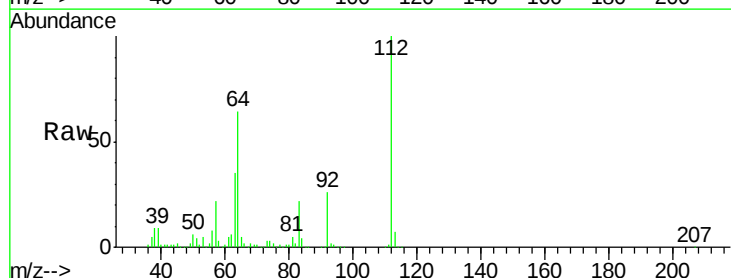
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



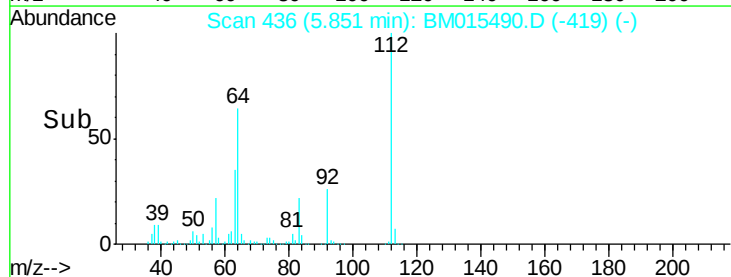
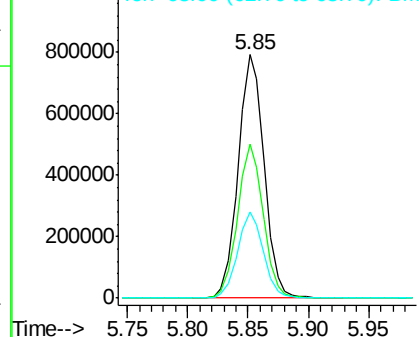
#5

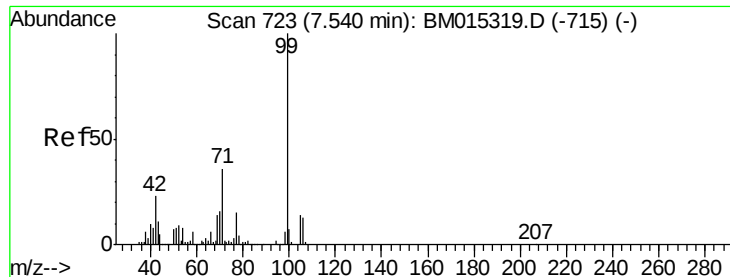
2-Fluorophenol
Concen: 133.716 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015490.D
Acq: 06 Jun 2018 15:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	38.6	57.8#
63	35.3	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: 104.225 ng

RT: 7.50 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM015490.D

Acq: 06 Jun 2018 15:36

Instrument :

BNA_M

ClientSampleId :

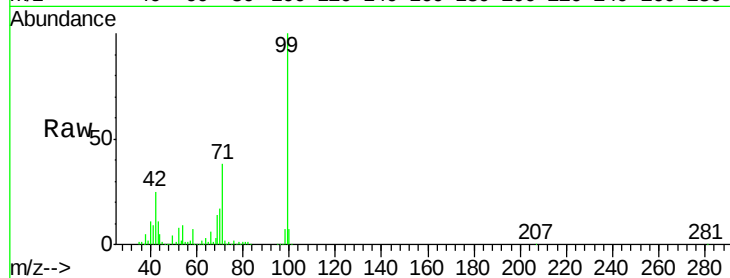
Tot Ion: 99 Resp: 1403913

Ion Ratio Lower Upper

99 100

42 24.6 11.0 16.4#

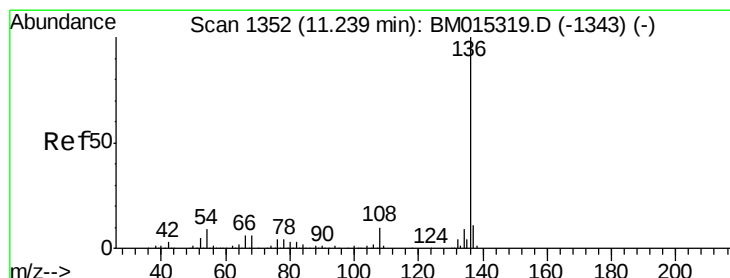
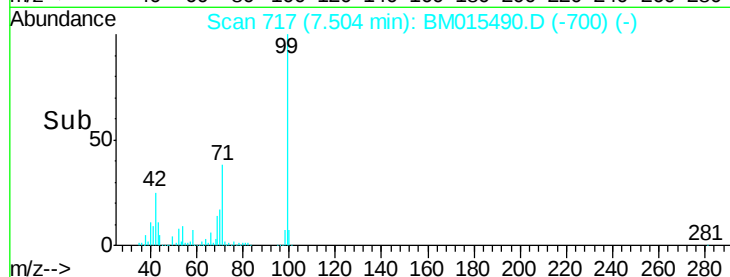
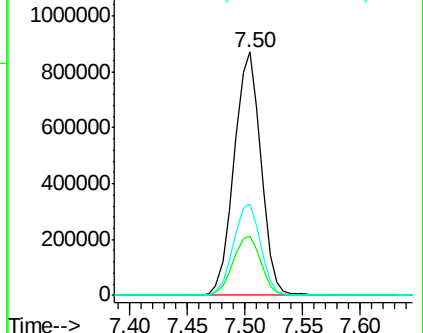
71 37.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015490.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015490.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015490.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015490.D

Acq: 06 Jun 2018 15:36

Tgt Ion: 136 Resp: 578848

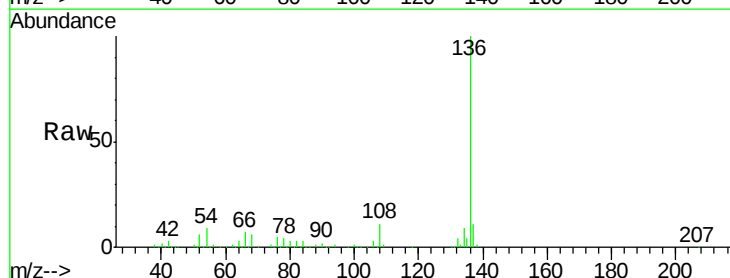
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.0 4.6 6.8#

68 5.7 3.7 5.5#

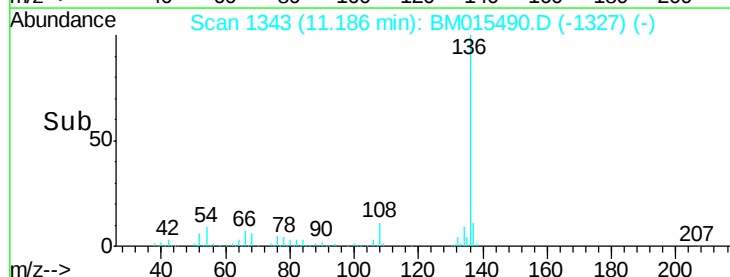
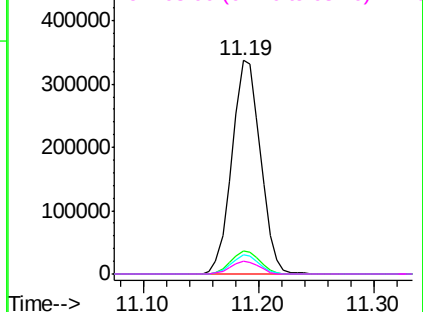


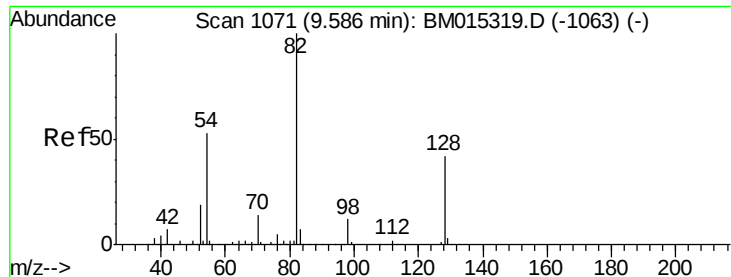
Abundance Ion 136.00 (135.70 to 136.70): BM015490.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015490.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015490.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015490.D (-1327) (-)

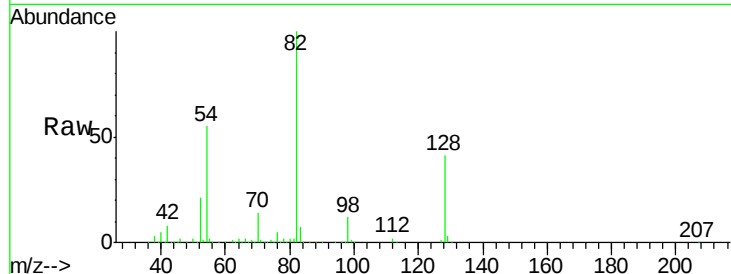




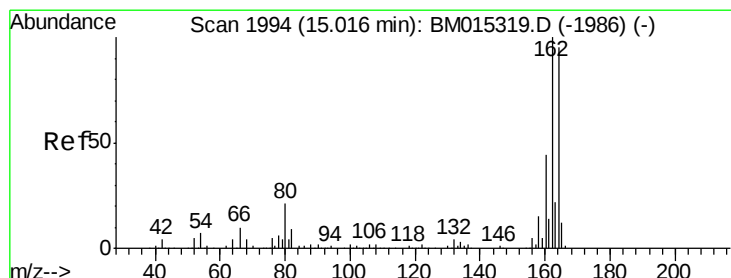
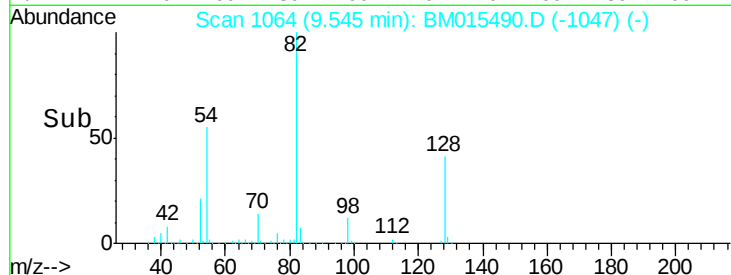
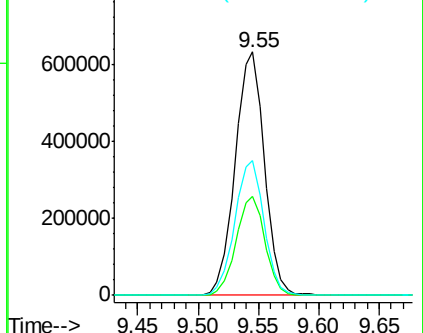
#23
Nitrobenzene-d5
Concen: 100.428 ng
RT: 9.55 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BM015490.D
Acq: 06 Jun 2018 15:36

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1068744
Ion Ratio Lower Upper
82 100
128 40.7 32.8 49.2
54 55.3 40.6 60.8

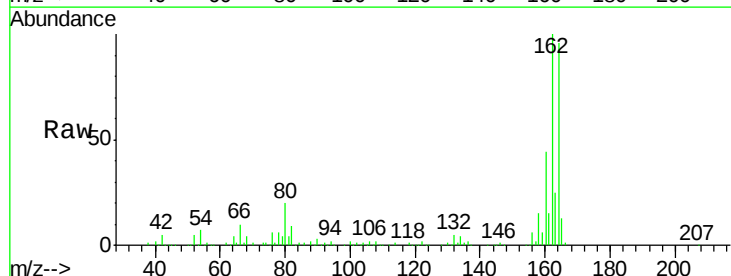


Abundance Ion 82.00 (81.70 to 82.70): BM015319.D (-1063) (-)
Ion 128.00 (127.70 to 128.70): BM015319.D (-1063) (-)
Ion 54.00 (53.70 to 54.70): BM015319.D (-1063) (-)

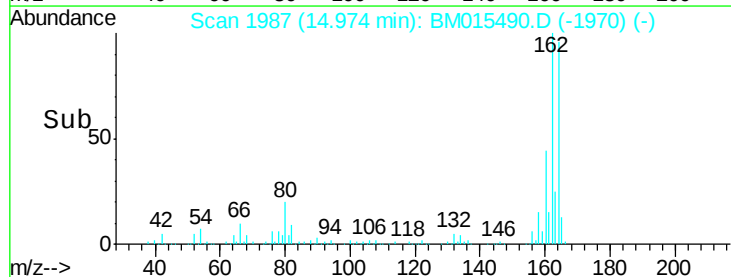
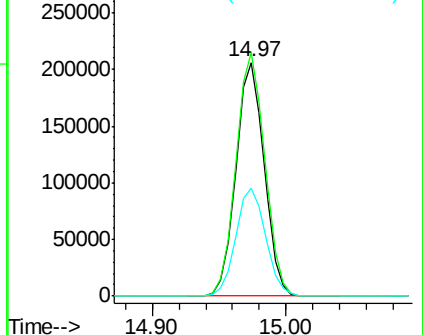


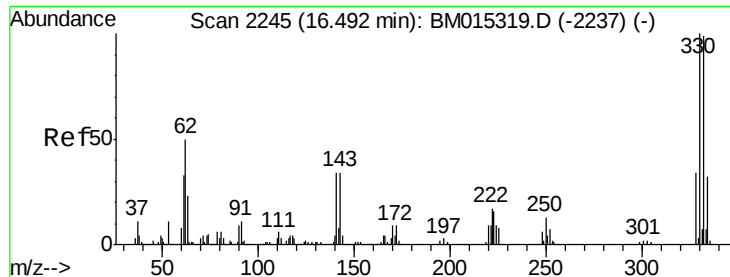
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.97 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM015490.D
Acq: 06 Jun 2018 15:36

Tgt Ion:164 Resp: 302178
Ion Ratio Lower Upper
164 100
162 104.3 82.4 123.6
160 46.4 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM015319.D (-1986) (-)
Ion 162.00 (161.70 to 162.70): BM015319.D (-1986) (-)
Ion 160.00 (159.70 to 160.70): BM015319.D (-1986) (-)

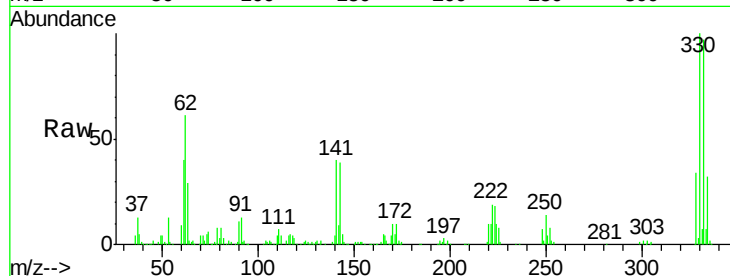




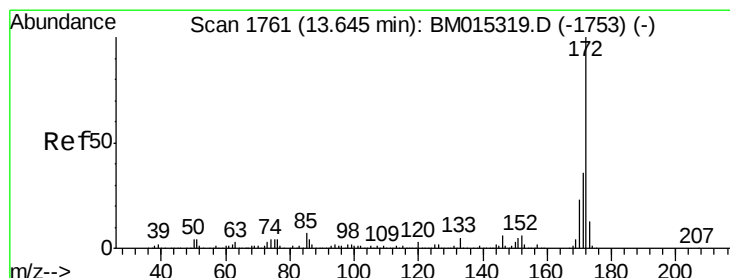
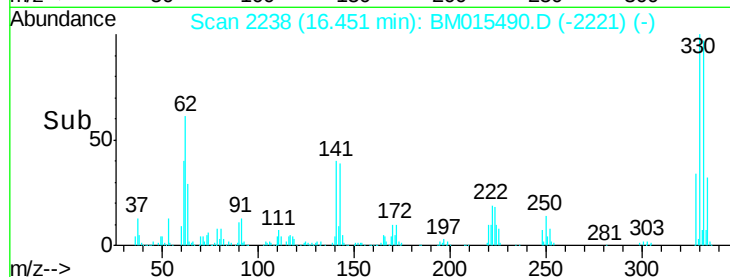
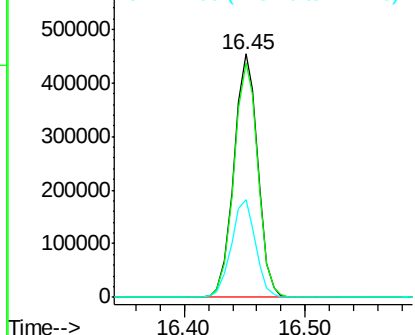
#41
 2,4,6-Tribromophenol
 Concen: 144.225 ng
 RT: 16.45 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM015490.D
 Acq: 06 Jun 2018 15:36

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 626300
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 40.7 0.0 0.0#

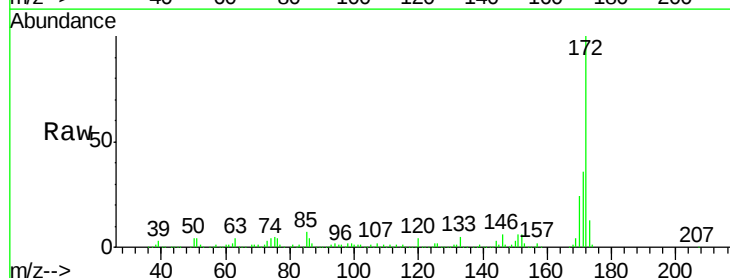


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

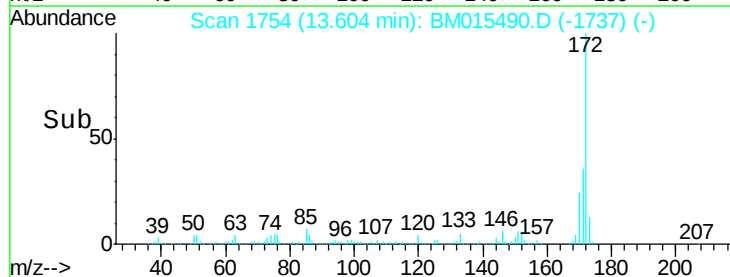
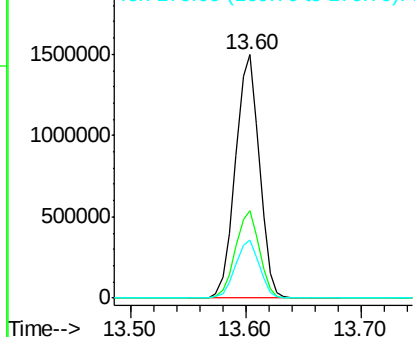


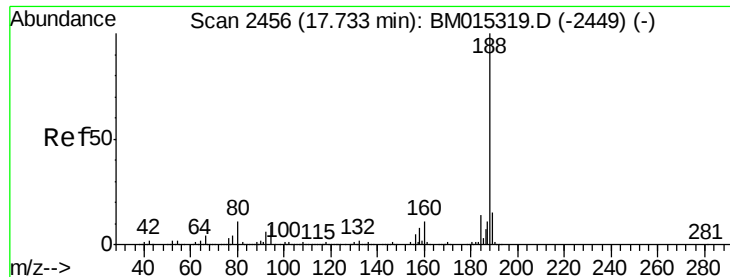
#44
 2-Fluorobiphenyl
 Concen: 95.268 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BM015490.D
 Acq: 06 Jun 2018 15:36

Tgt Ion:172 Resp: 2144087
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.7 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: 17.70 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BM015490.D

Acq: 06 Jun 2018 15:36

Instrument :

BNA_M

ClientSampleId :

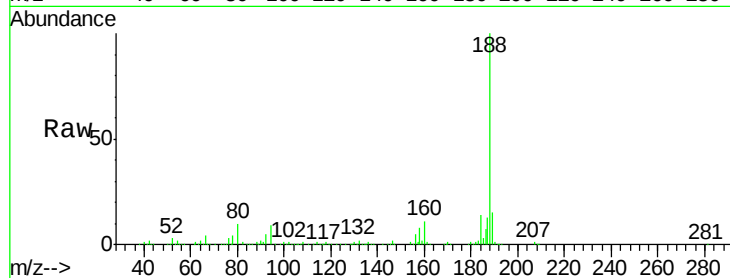
Tot Ion:188 Resp: 649915

Ion Ratio Lower Upper

188 100

94 8.9 8.7 13.1

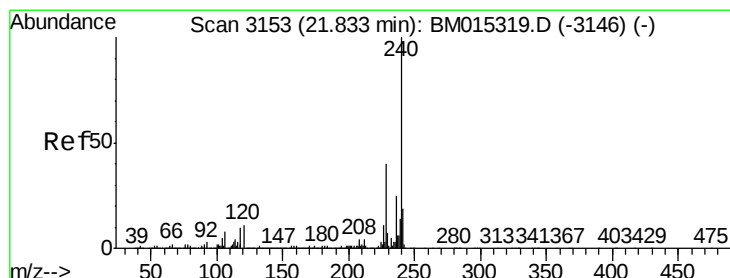
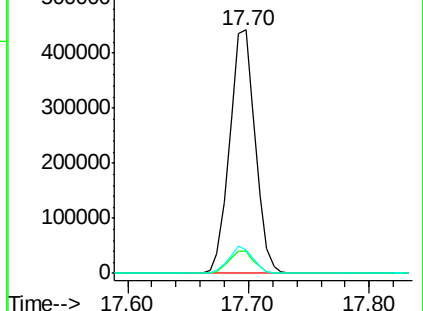
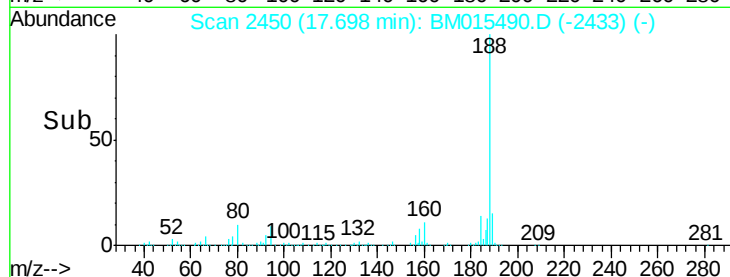
80 9.9 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM015490.D (-2433) (-)

Ion 80.00 (79.70 to 80.70): BM015490.D (-2433) (-)



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BM015490.D

Acq: 06 Jun 2018 15:36

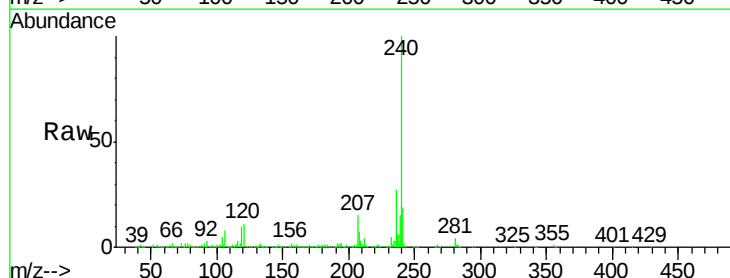
Tgt Ion:240 Resp: 657007

Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

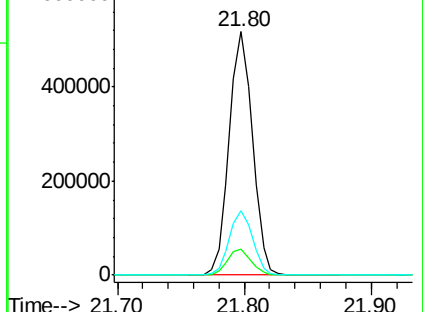
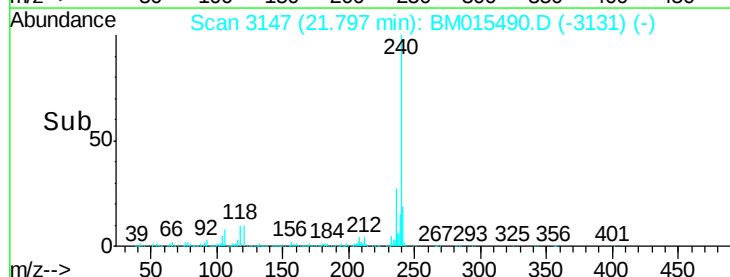
236 26.6 20.0 30.0

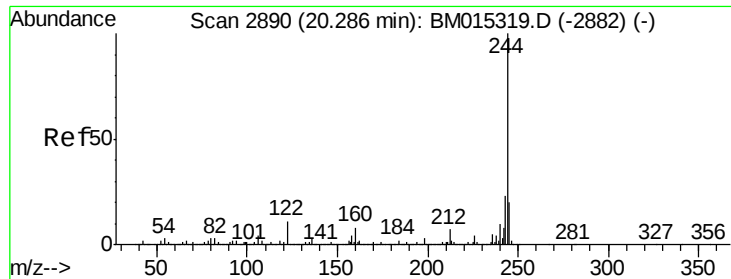


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 126.058 ng

RT: 20.26 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BM015490.D

Acq: 06 Jun 2018 15:36

Instrument :

BNA_M

ClientSampleId :

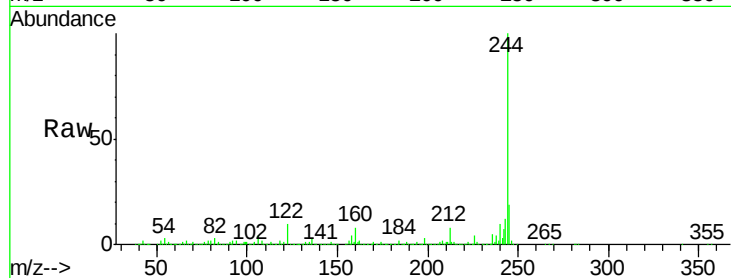
Tot Ion:244 Resp: 3588168

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

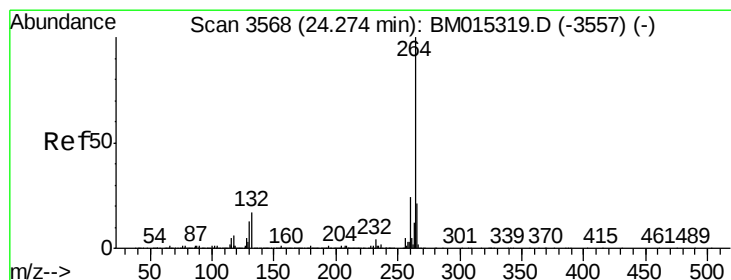
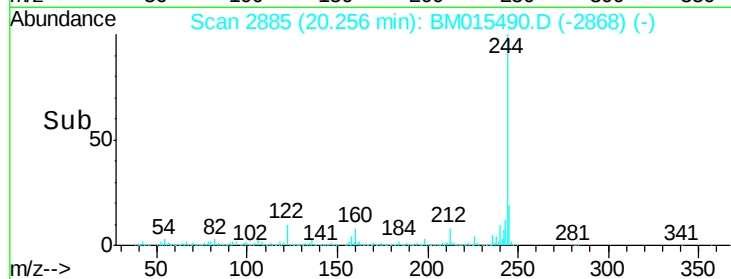
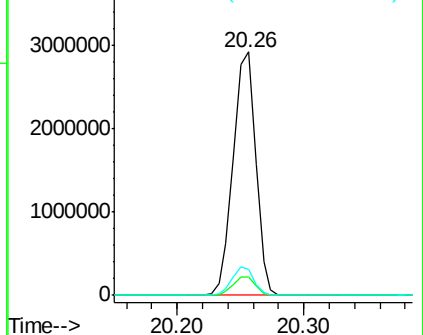
122 10.5 6.2 9.4#



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: 24.22 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BM015490.D

Acq: 06 Jun 2018 15:36

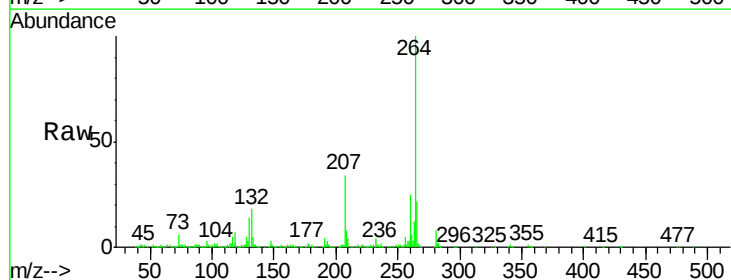
Tgt Ion:264 Resp: 693449

Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 22.4 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

