

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015506.D
 Acq On : 07 Jun 2018 02:13
 Operator : SJ/JU
 Sample : PB109923BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 04:07:43 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	8.35	152	158247	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	610054	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	314900	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	662353	20.00	ng	0.00
75) Chrysene-d12	21.79	240	639404	20.00	ng	-0.01
86) Perylene-d12	24.21	264	656409	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1040290	111.82	ng	0.00
7) Phenol-d6	7.50	99	1346804	95.78	ng	0.00
23) Nitrobenzene-d5	9.54	82	842454	75.11	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	423619	93.61	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	1737924	74.10	ng	0.00
78) Terphenyl-d14	20.25	244	2394302	86.43	ng	0.00

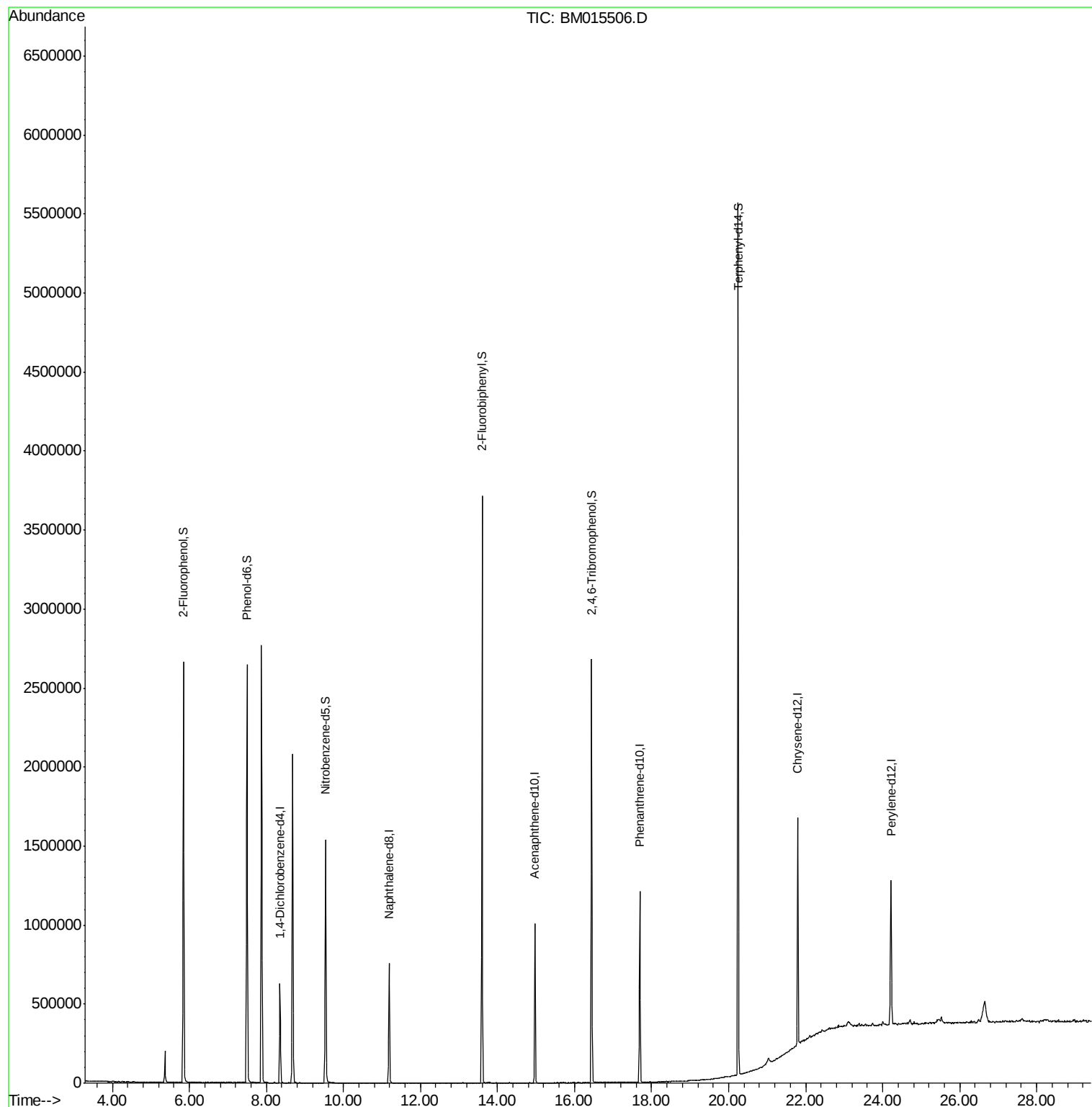
Target Compounds Qvalue

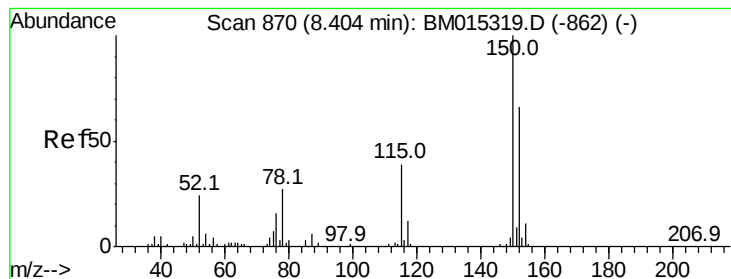
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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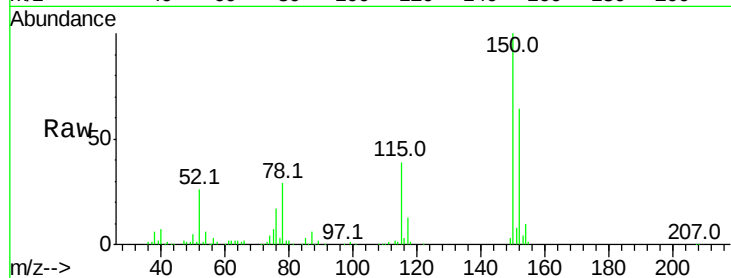




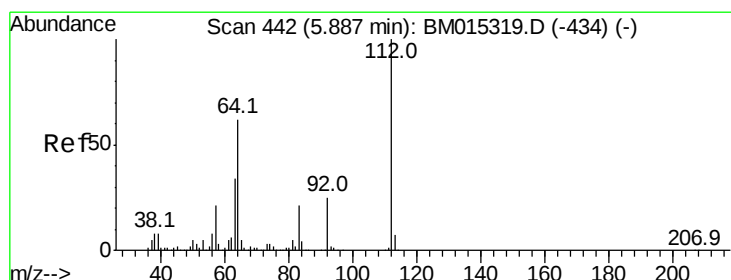
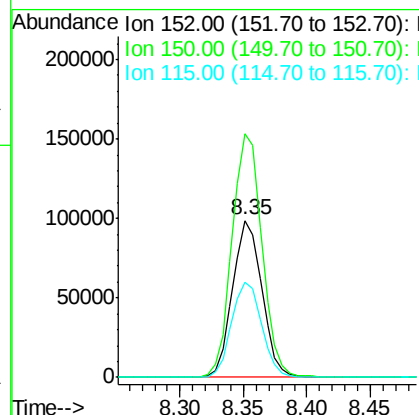
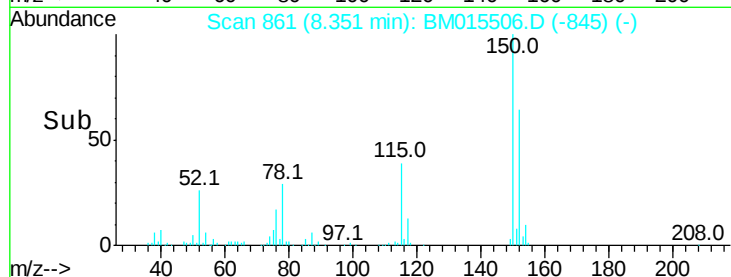
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.35 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BM015506.D
 Acq: 07 Jun 2018 02:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 158247
 Ion Ratio Lower Upper
 152 100
 150 155.1 119.5 179.3
 115 61.0 43.0 64.4

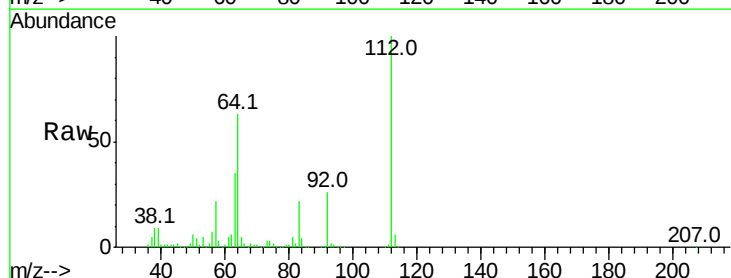


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

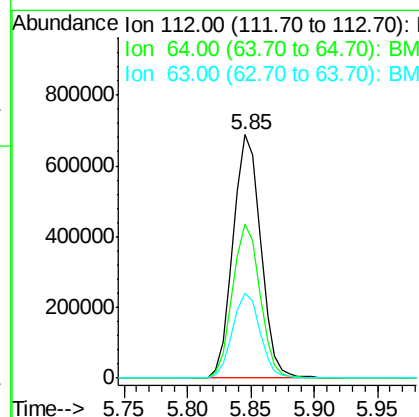
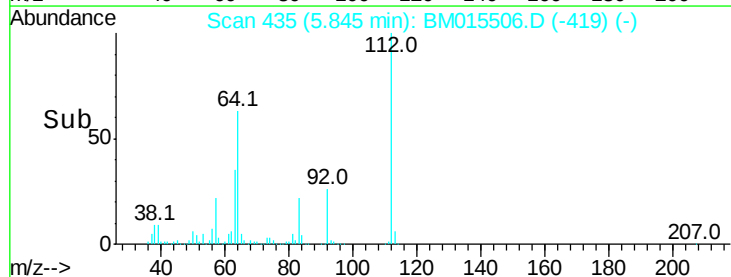


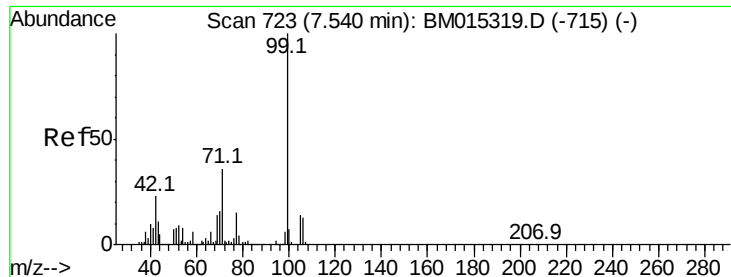
#5
 2-Fluorophenol
 Concen: 111.822 ng
 RT: 5.85 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BM015506.D
 Acq: 07 Jun 2018 02:13

Tgt Ion:112 Resp: 1040290
 Ion Ratio Lower Upper
 112 100
 64 63.1 38.6 57.8#
 63 35.0 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: 95.782 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015506.D

Acq: 07 Jun 2018 02:13

Instrument :

BNA_M

ClientSampleId :

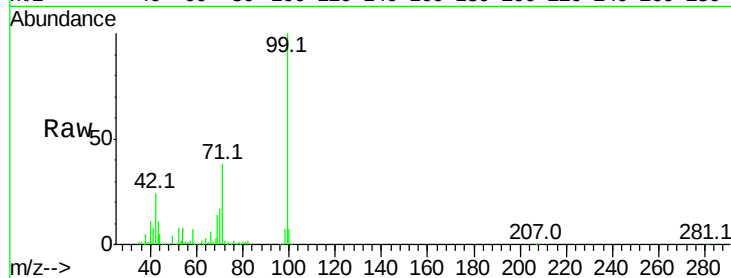
Tot Ion: 99 Resp: 1346804

Ion Ratio Lower Upper

99 100

42 24.1 11.0 16.4#

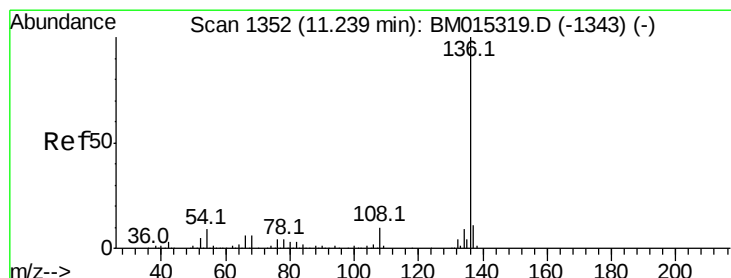
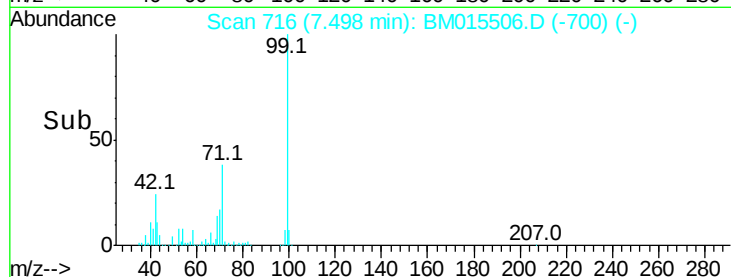
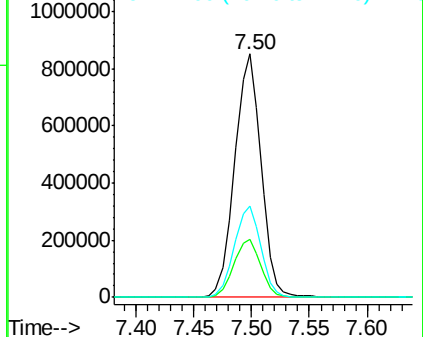
71 37.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015319.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015319.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015319.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015506.D

Acq: 07 Jun 2018 02:13

Tgt Ion: 136 Resp: 610054

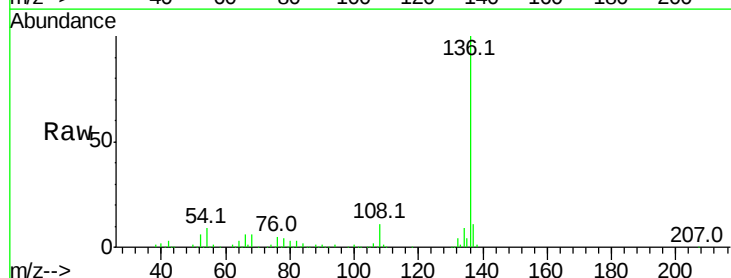
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.9 4.6 6.8#

68 5.8 3.7 5.5#

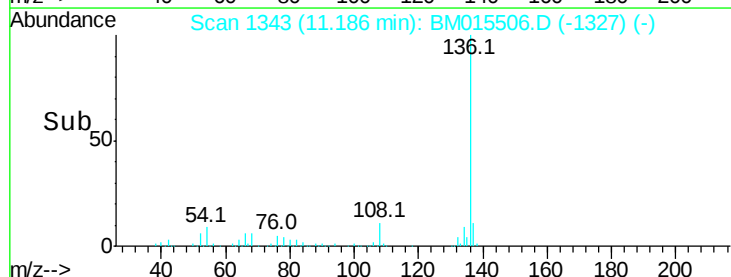
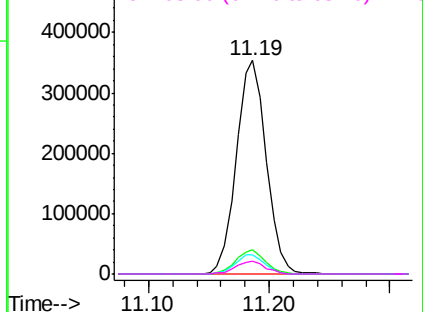


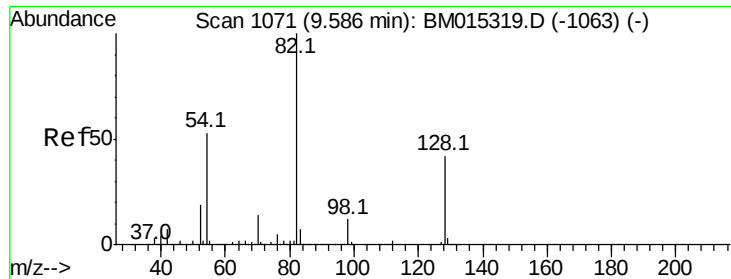
Abundance Ion 136.00 (135.70 to 136.70): BM015319.D (-1343) (-)

Ion 137.00 (136.70 to 137.70): BM015319.D (-1343) (-)

Ion 54.00 (53.70 to 54.70): BM015319.D (-1343) (-)

Ion 68.00 (67.70 to 68.70): BM015319.D (-1343) (-)

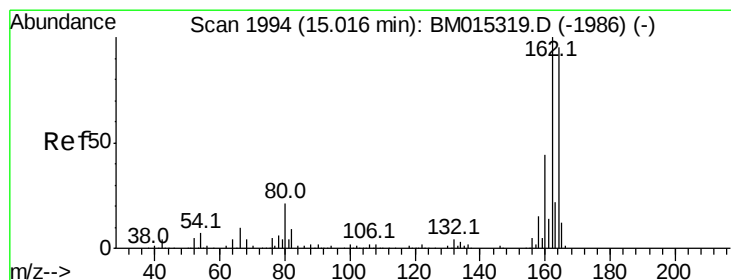
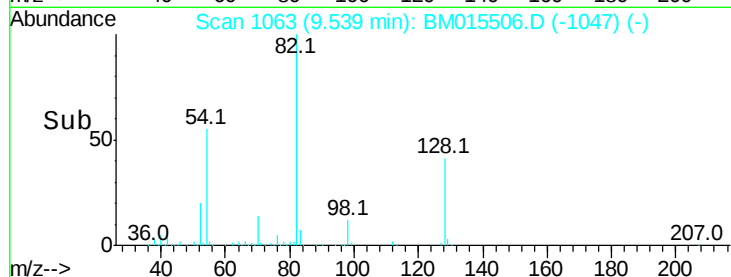
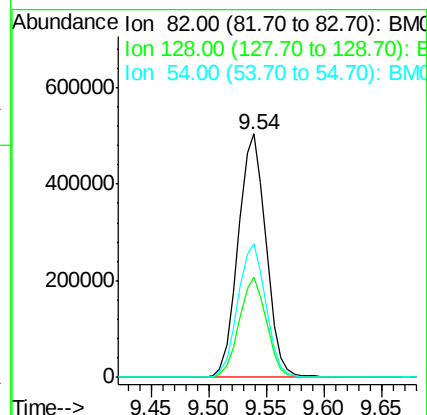
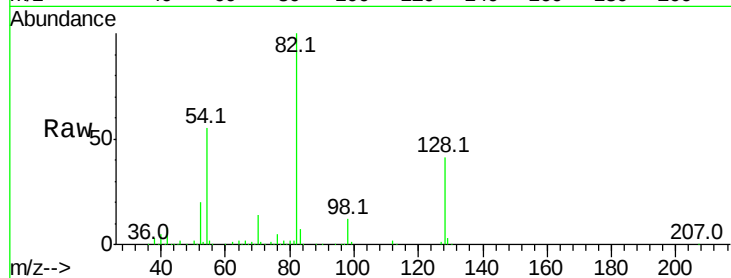




#23
Nitrobenzene-d5
Concen: 75.114 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BM015506.D
Acq: 07 Jun 2018 02:13

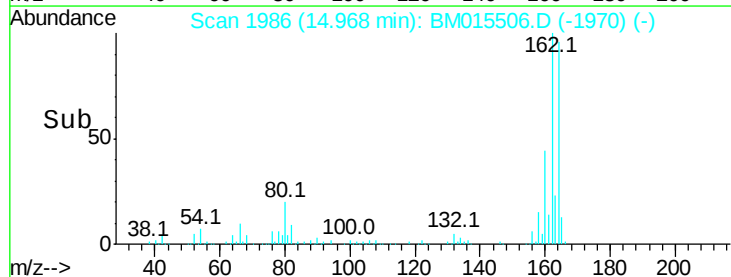
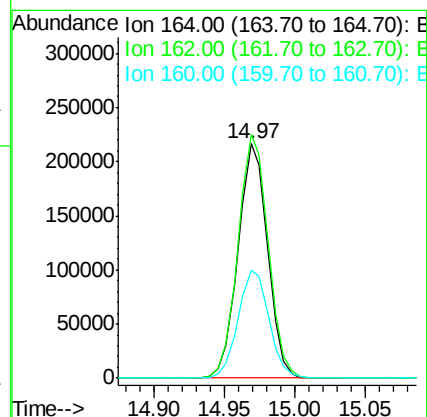
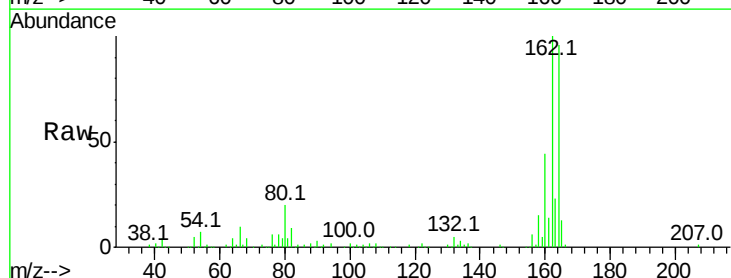
Instrument :
BNA_M
ClientSampleId :

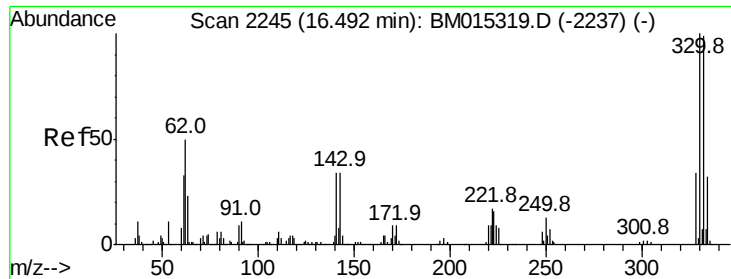
Tot Ion: 82 Resp: 842454
Ion Ratio Lower Upper
82 100
128 41.1 32.8 49.2
54 55.0 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.97 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM015506.D
Acq: 07 Jun 2018 02:13

Tgt Ion:164 Resp: 314900
Ion Ratio Lower Upper
164 100
162 103.8 82.4 123.6
160 45.9 35.8 53.6

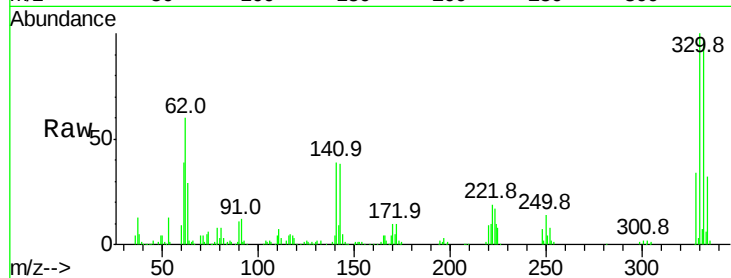




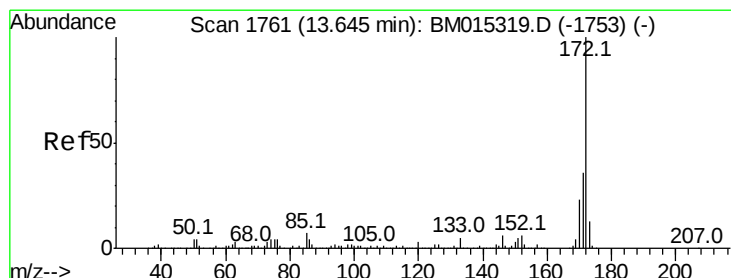
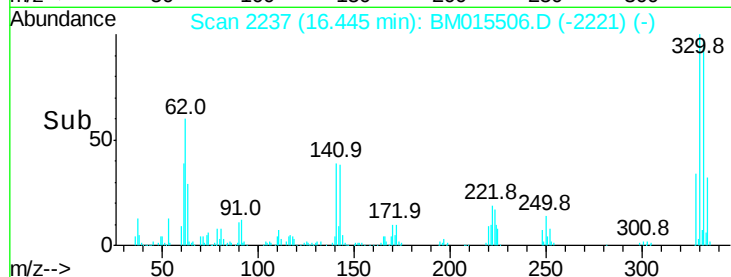
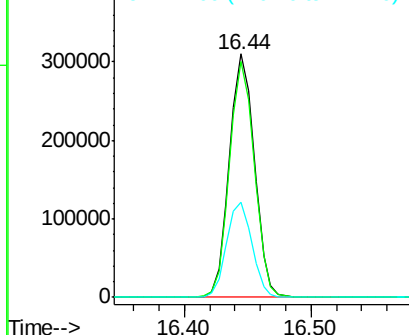
#41
 2,4,6-Tribromophenol
 Concen: 93.610 ng
 RT: 16.44 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM015506.D
 Acq: 07 Jun 2018 02:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	39.8	0.0	0.0#

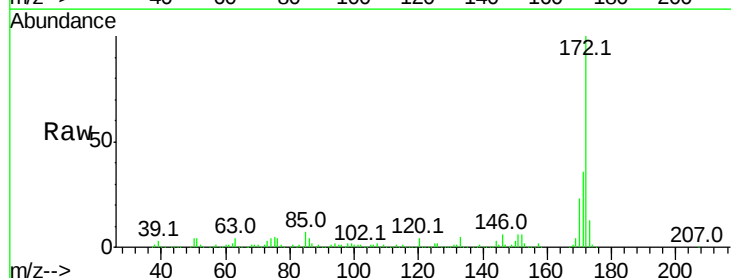


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

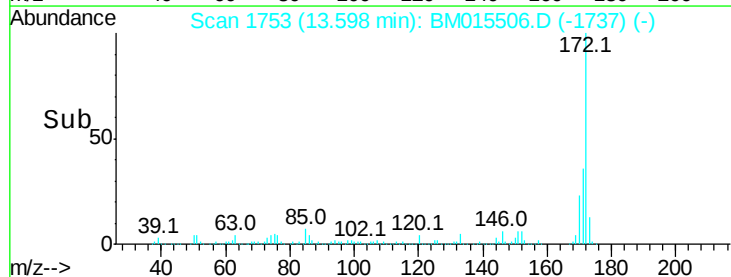
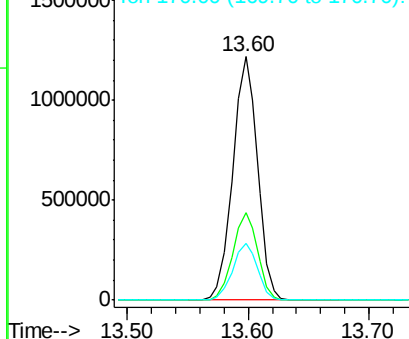


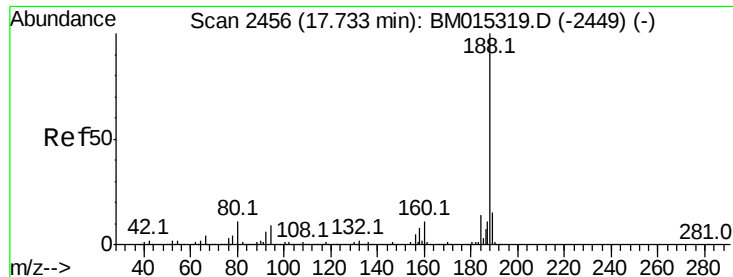
#44
 2-Fluorobiphenyl
 Concen: 74.101 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015506.D
 Acq: 07 Jun 2018 02:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.5	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: 17.69 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BM015506.D

Acq: 07 Jun 2018 02:13

Instrument :

BNA_M

ClientSampleId :

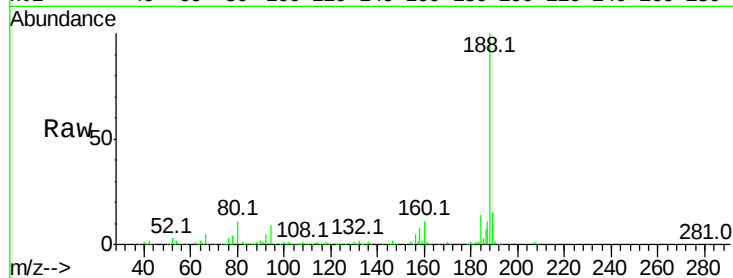
Tot Ion:188 Resp: 662353

Ion Ratio Lower Upper

188 100

94 9.0 8.7 13.1

80 10.8 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

600000

500000

400000

300000

200000

100000

0

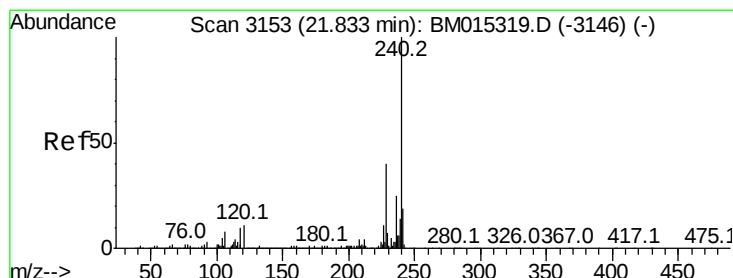
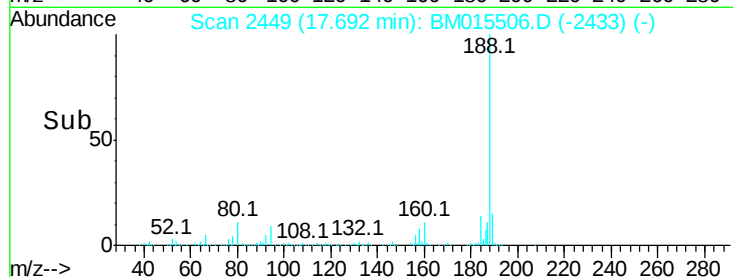
17.69

17.60

17.70

17.80

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BM015506.D

Acq: 07 Jun 2018 02:13

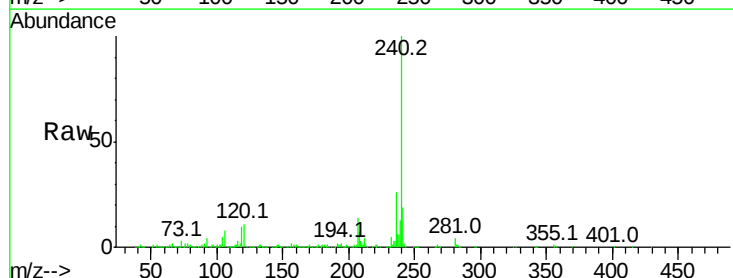
Tgt Ion:240 Resp: 639404

Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

236 26.1 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

600000

400000

200000

0

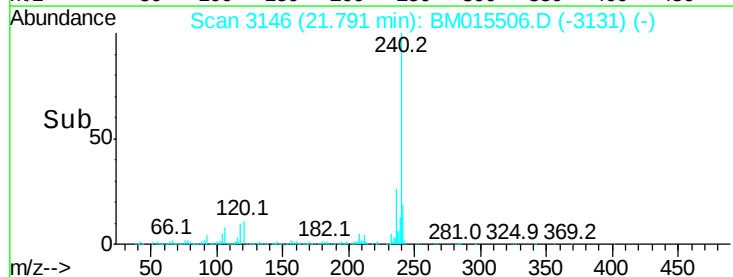
21.79

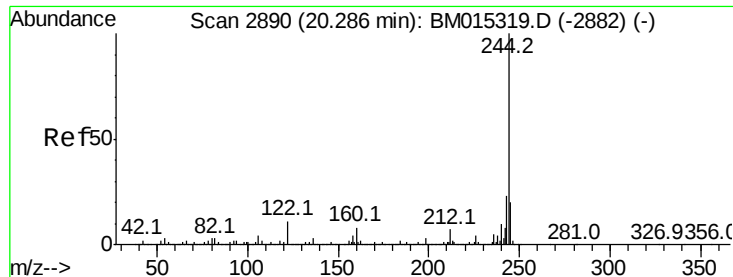
21.70

21.80

21.90

Time-->





#78

Terphenyl-d14

Concen: 86.431 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015506.D

Acq: 07 Jun 2018 02:13

Instrument :

BNA_M

ClientSampled :

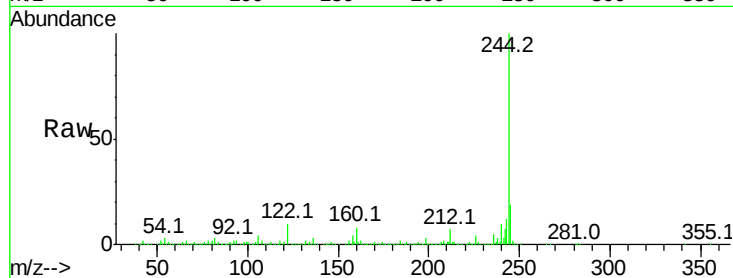
Tot Ion:244 Resp: 2394302

Ion Ratio Lower Upper

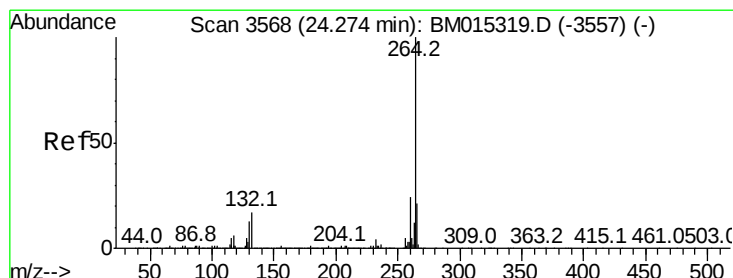
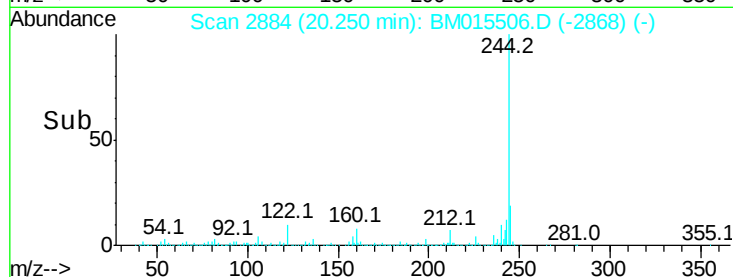
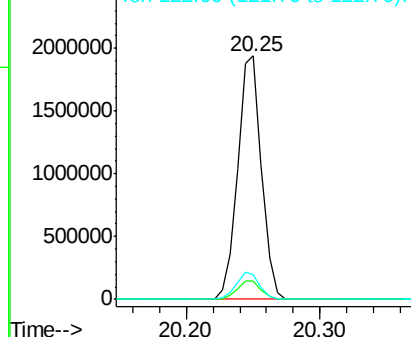
244 100

212 7.4 4.9 7.3#

122 10.3 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: 24.21 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BM015506.D

Acq: 07 Jun 2018 02:13

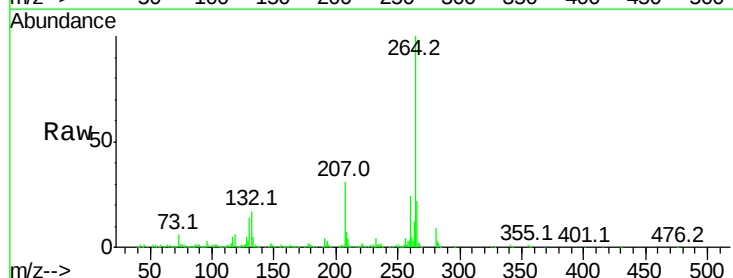
Tgt Ion:264 Resp: 656409

Ion Ratio Lower Upper

264 100

260 24.1 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

