

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
 Data File : BM015264.D
 Acq On : 23 May 2018 05:47
 Operator : SJ/JU
 Sample : PB108327BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB108327BL

Quant Time: May 23 14:40:11 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	360800	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	1522270	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	834539	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	1702480	20.00	ng	0.00
75) Chrysene-d12	21.83	240	1333801	20.00	ng	0.00
86) Perylene-d12	24.27	264	1176376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	1926557	87.36	ng	0.00
7) Phenol-d6	7.55	99	2493834	86.84	ng	0.00
23) Nitrobenzene-d5	9.59	82	2324283	83.64	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	878517	83.95	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	5417613	80.70	ng	0.00
78) Terphenyl-d14	20.29	244	6348380	105.10	ng	0.00

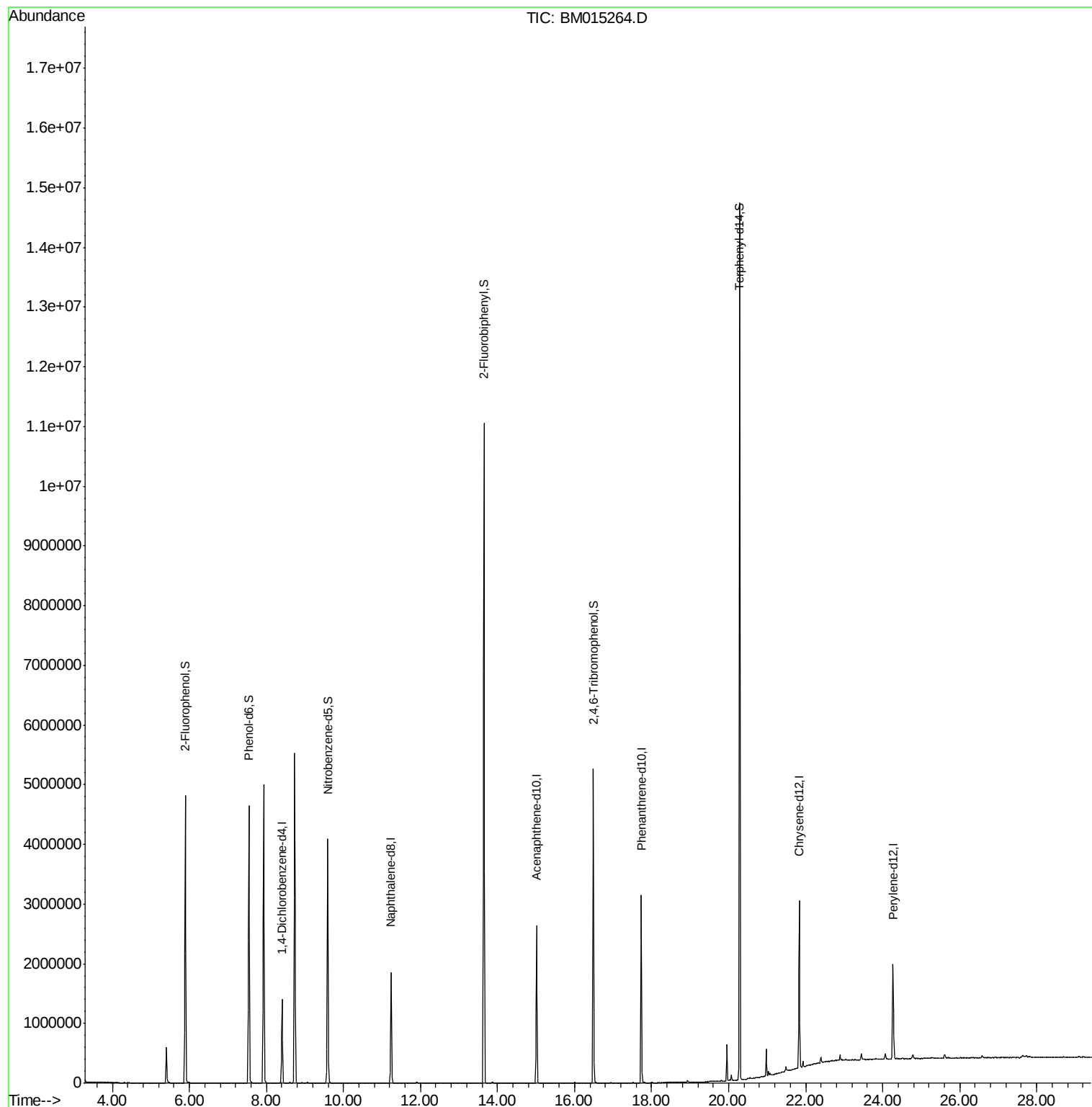
Target Compounds	Qvalue
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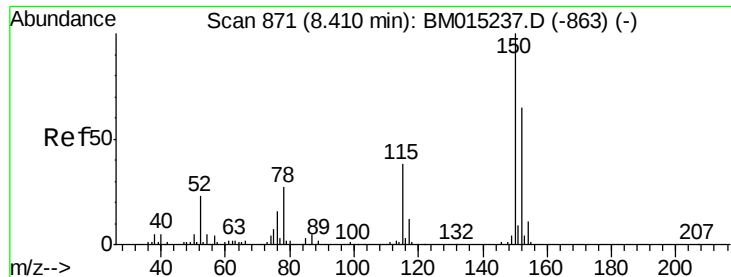
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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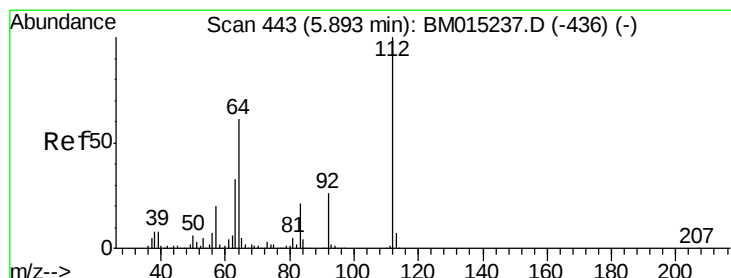
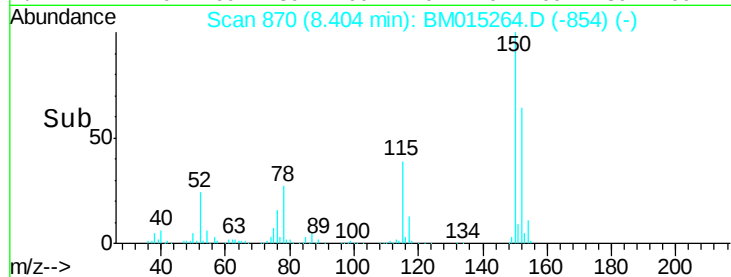
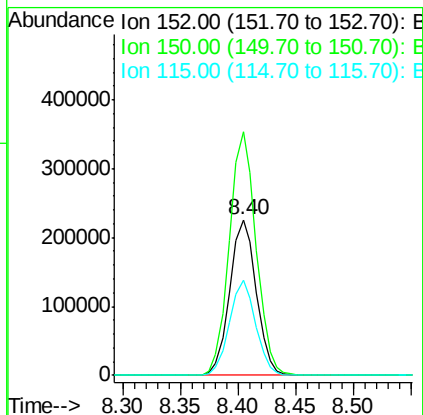
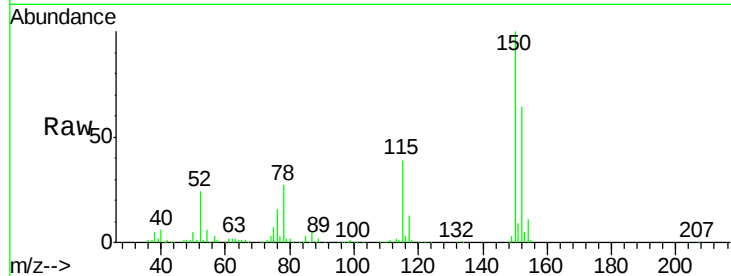


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.40 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BM015264.D
 Acq: 23 May 2018 05:47

Instrument :
 BNA_M
 ClientSampleId :
 PB108327BL

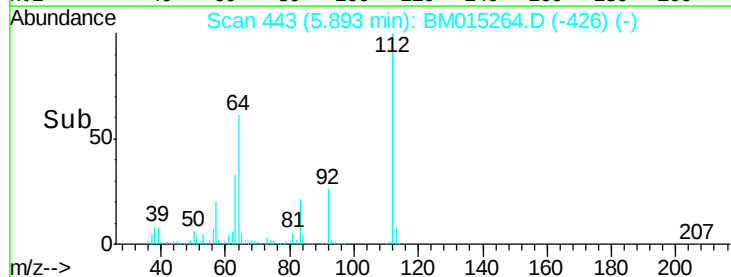
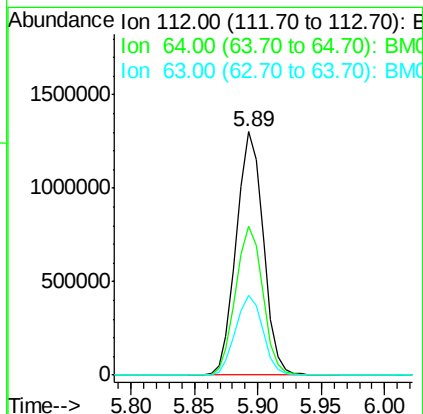
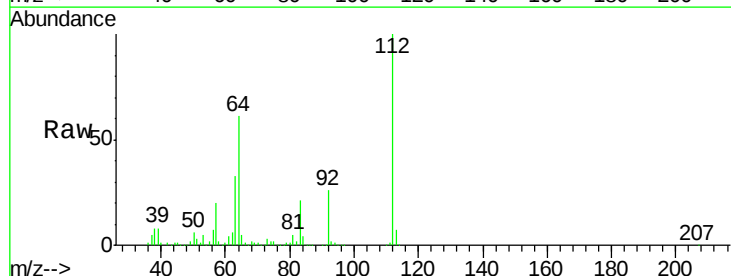
Tgt Ion:152 Resp: 360800
 Ion Ratio Lower Upper
 152 100
 150 156.5 119.5 179.3
 115 61.3 43.0 64.4

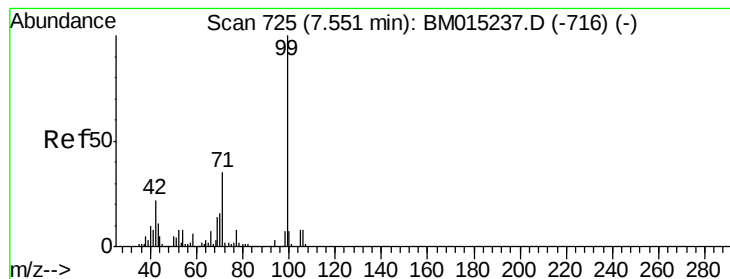


#5

2-Fluorophenol
 Concen: 87.361 ng
 RT: 5.89 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BM015264.D
 Acq: 23 May 2018 05:47

Tgt Ion:112 Resp: 1926557
 Ion Ratio Lower Upper
 112 100
 64 61.3 38.6 57.8#
 63 33.0 19.3 28.9#





#7

Phenol-d6

Concen: 86.842 ng

RT: 7.55 min Scan# 724

Delta R.T. -0.00 min

Lab File: BM015264.D

Acq: 23 May 2018 05:47

Instrument :

BNA_M

ClientSampleId :

PB108327BL

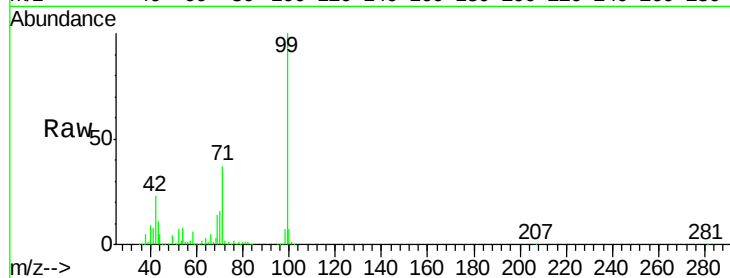
Tgt Ion: 99 Resp: 2493834

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

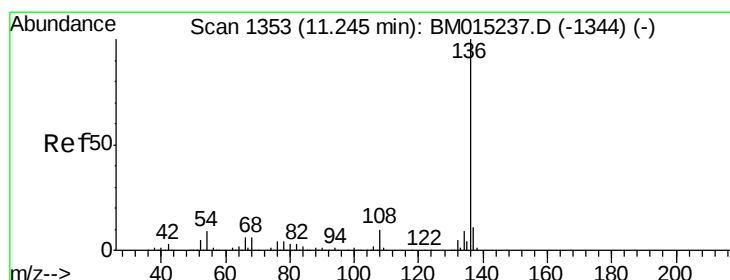
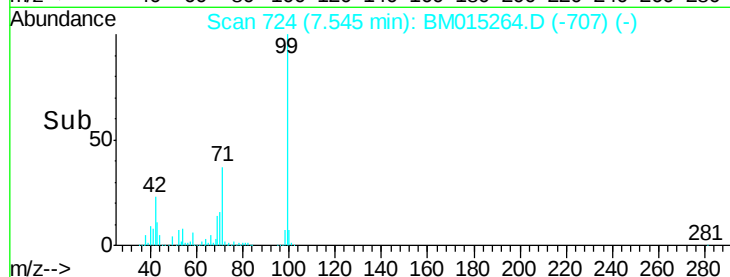
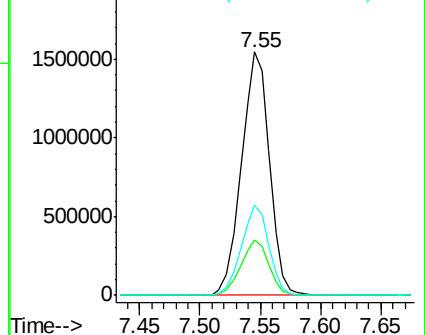
71 36.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015237.D (-716) (-)

Ion 42.00 (41.70 to 42.70): BM015237.D (-716) (-)

Ion 71.00 (70.70 to 71.70): BM015237.D (-716) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.24 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BM015264.D

Acq: 23 May 2018 05:47

Tgt Ion: 136 Resp: 1522270

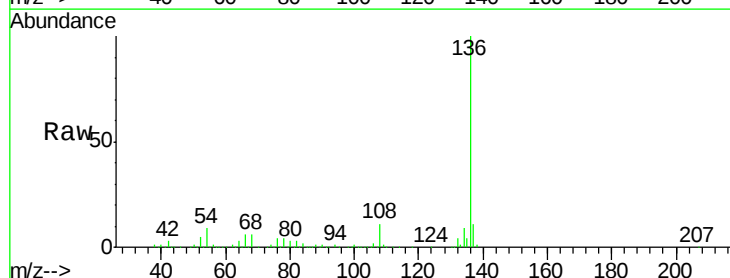
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.7 4.6 6.8#

68 6.0 3.7 5.5#

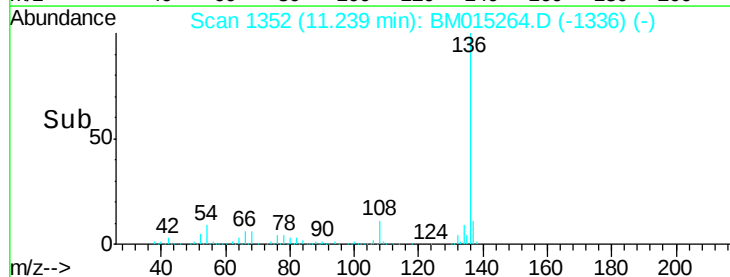
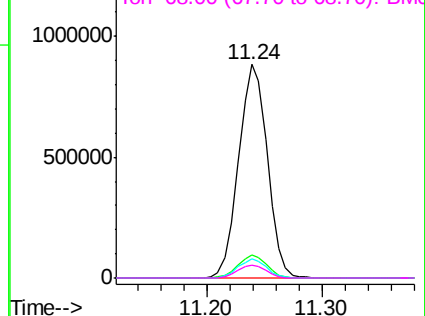


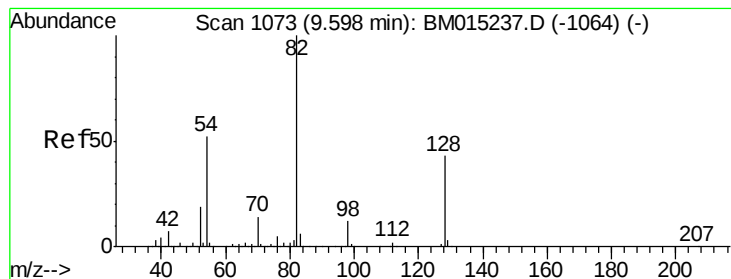
Abundance Ion 136.00 (135.70 to 136.70): BM015237.D (-1344) (-)

Ion 137.00 (136.70 to 137.70): BM015237.D (-1344) (-)

Ion 54.00 (53.70 to 54.70): BM015237.D (-1344) (-)

Ion 68.00 (67.70 to 68.70): BM015237.D (-1344) (-)





#23

Nitrobenzene-d5

Concen: 83.641 ng

RT: 9.59 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BM015264.D

Acq: 23 May 2018 05:47

Instrument :

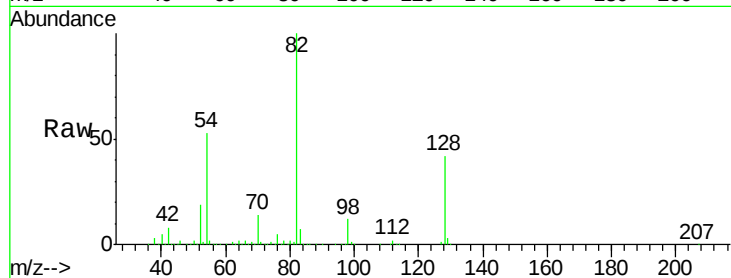
BNA_M

ClientSampleId :

PB108327BL

Tgt Ion: 82 Resp: 2324283

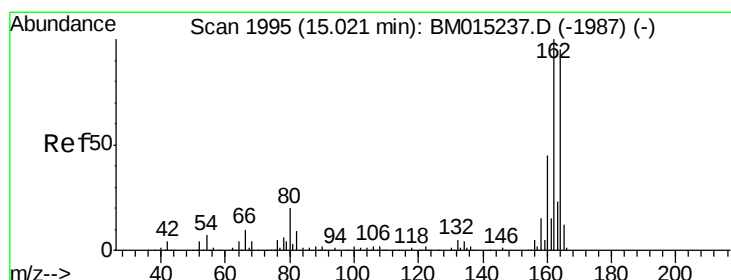
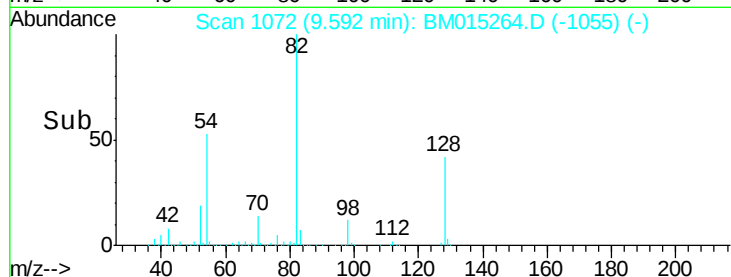
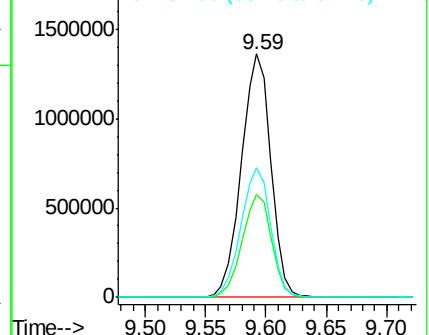
Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.8	49.2
54	53.4	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM015237.D (-1064) (-)

Ion 128.00 (127.70 to 128.70): BM015237.D (-1064) (-)

Ion 54.00 (53.70 to 54.70): BM015237.D (-1064) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.02 min Scan# 1994

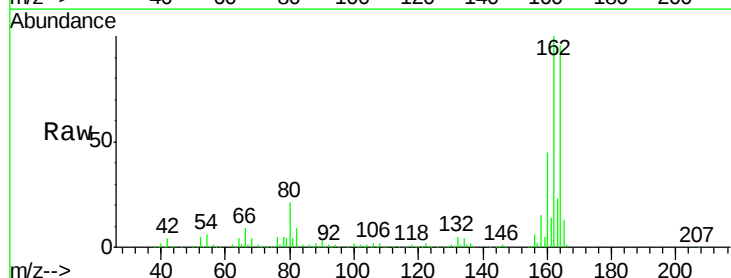
Delta R.T. -0.01 min

Lab File: BM015264.D

Acq: 23 May 2018 05:47

Tgt Ion: 164 Resp: 834539

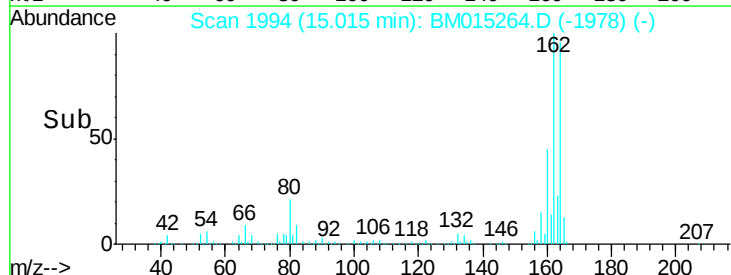
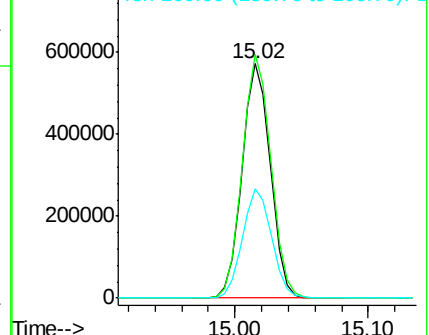
Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.4	123.6
160	46.8	35.8	53.6

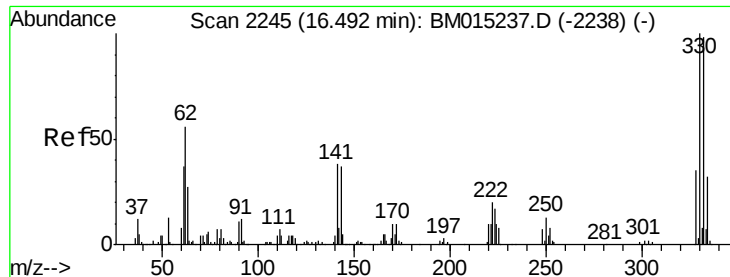


Abundance Ion 164.00 (163.70 to 164.70): BM015237.D (-1987) (-)

Ion 162.00 (161.70 to 162.70): BM015237.D (-1987) (-)

Ion 160.00 (159.70 to 160.70): BM015237.D (-1987) (-)

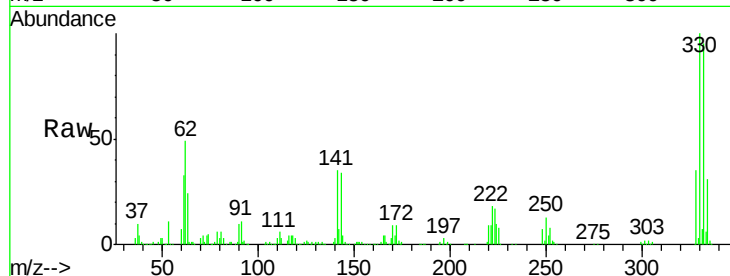




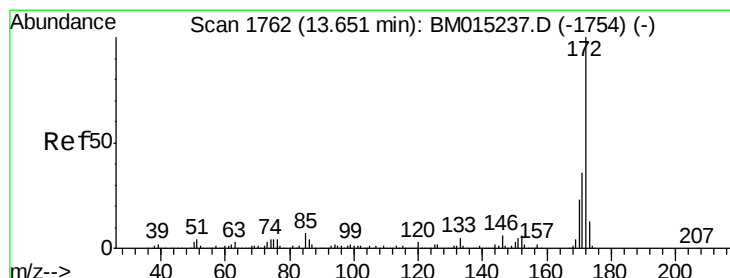
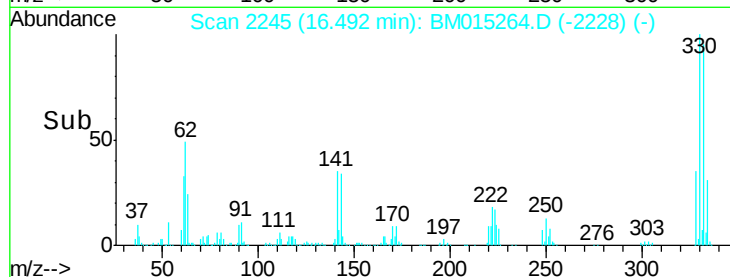
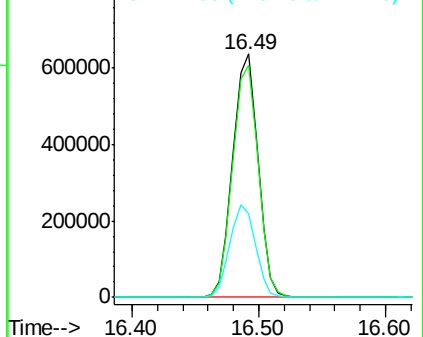
#41
 2,4,6-Tribromophenol
 Concen: 83.949 ng
 RT: 16.49 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BM015264.D
 Acq: 23 May 2018 05:47

Instrument :
 BNA_M
 ClientSampleId :
 PB108327BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	38.8	0.0	0.0#

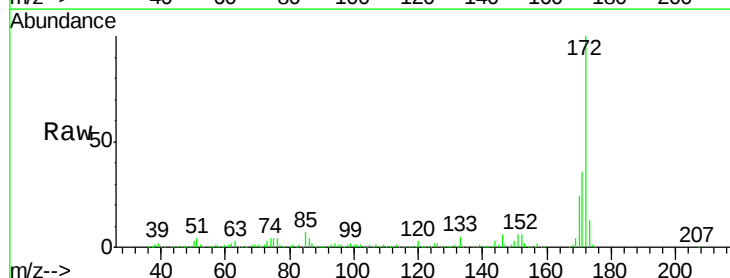


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

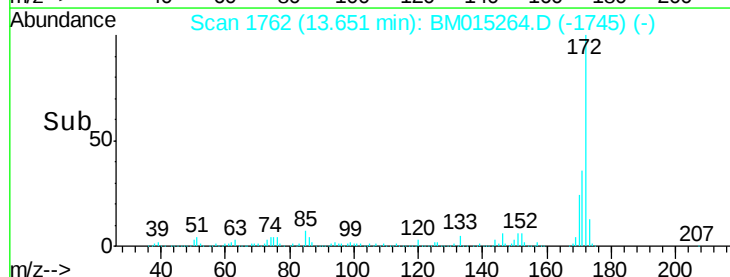
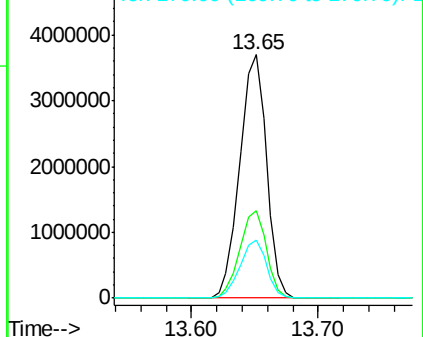


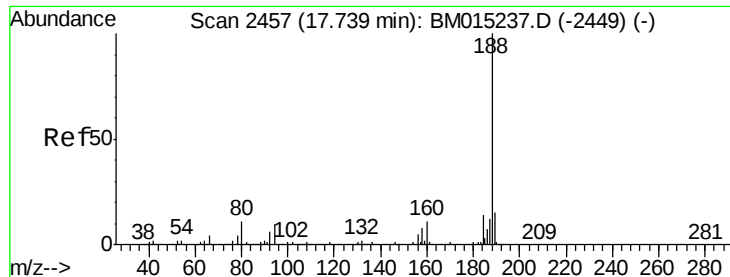
#44
 2-Fluorobiphenyl
 Concen: 80.701 ng
 RT: 13.65 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BM015264.D
 Acq: 23 May 2018 05:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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: 17.73 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BM015264.D

Acq: 23 May 2018 05:47

Instrument :

BNA_M

ClientSampleId :

PB108327BL

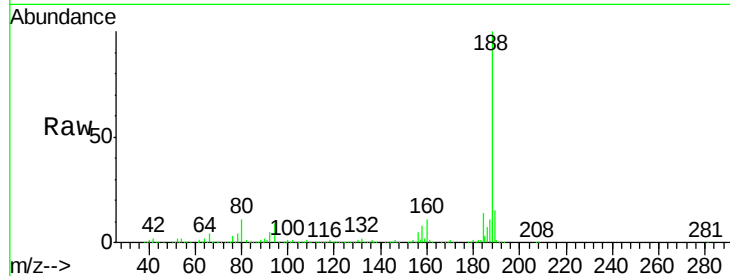
Tgt Ion:188 Resp: 1702480

Ion Ratio Lower Upper

188 100

94 9.3 8.7 13.1

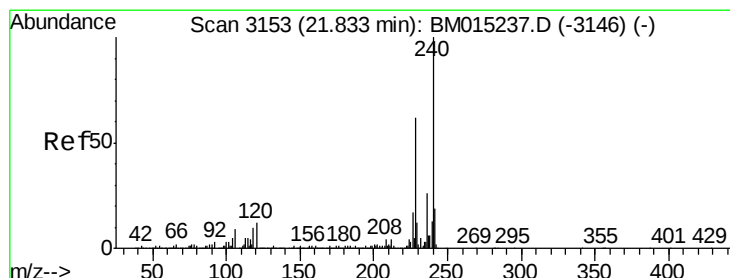
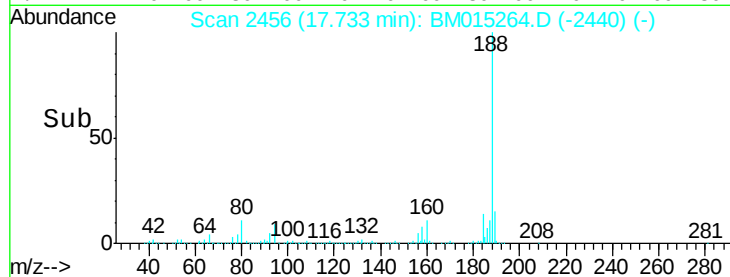
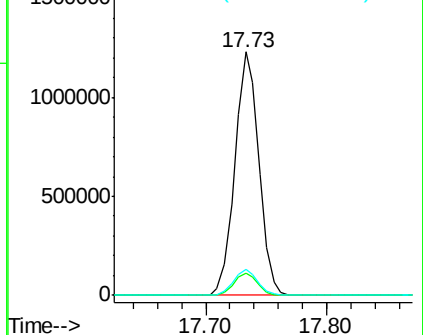
80 10.9 9.3 13.9



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BM015264.D

Acq: 23 May 2018 05:47

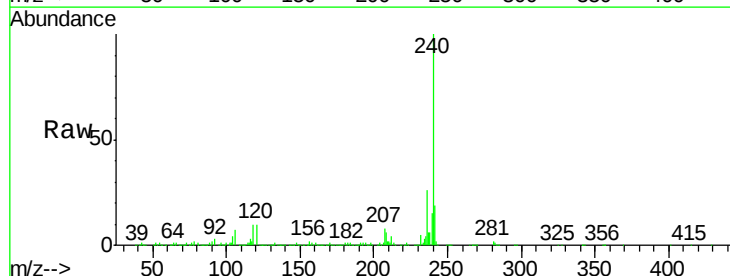
Tgt Ion:240 Resp: 1333801

Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.2

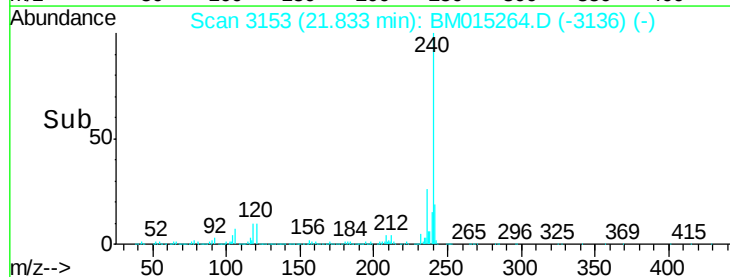
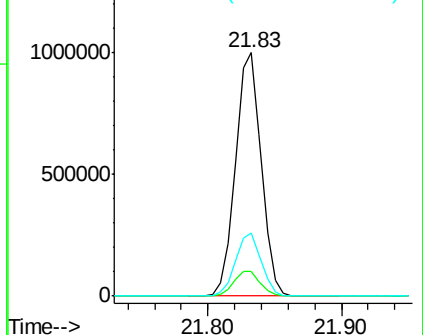
236 26.2 20.0 30.0

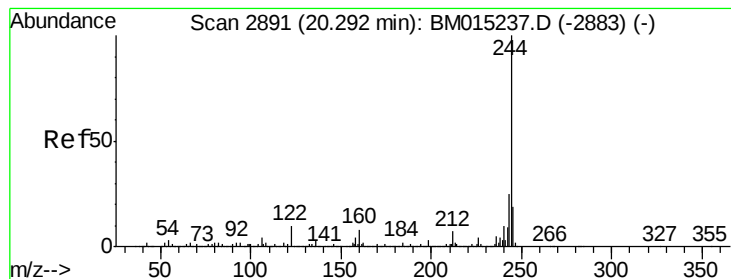


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.103 ng

RT: 20.29 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BM015264.D

Acq: 23 May 2018 05:47

Instrument :

BNA_M

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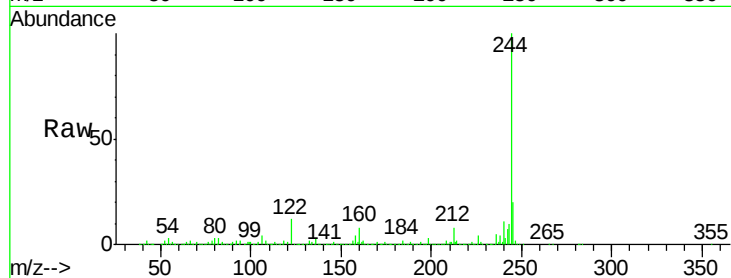
Tgt Ion:244 Resp: 6348380

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

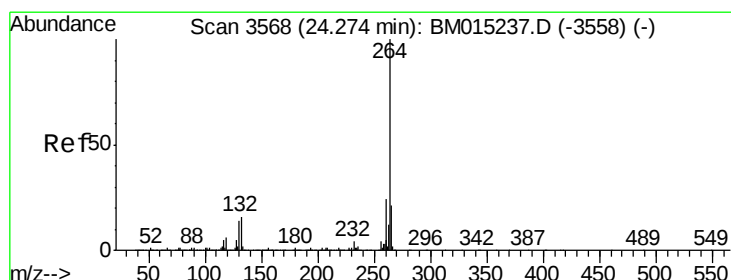
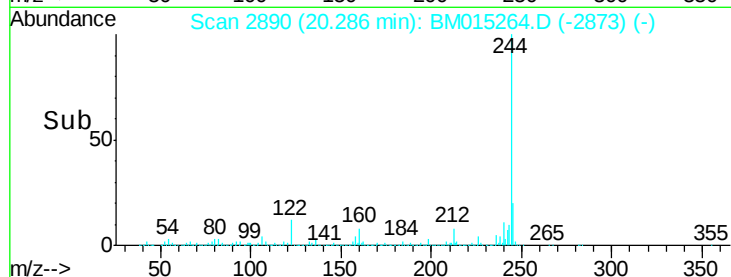
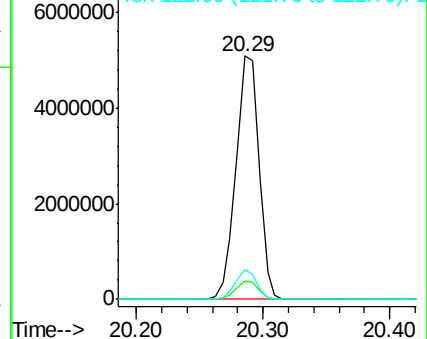
122 12.0 6.2 9.4#



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: 24.27 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BM015264.D

Acq: 23 May 2018 05:47

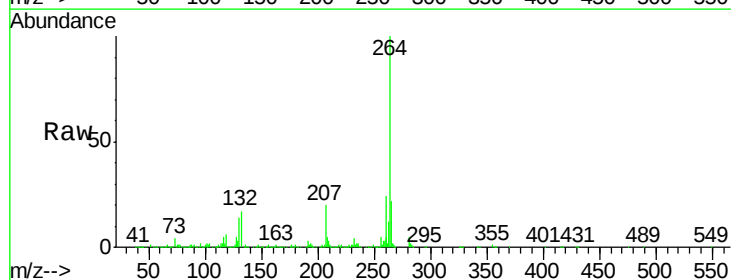
Tgt Ion:264 Resp: 1176376

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 22.2 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

