

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\
 Data File : BM015883.D
 Acq On : 11 Jul 2018 00:31
 Operator : SJ/JU
 Sample : PB110959TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110959TB

Quant Time: Jul 11 03:48:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	56905	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	246252	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	153013	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	365035	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	373633	20.00	ng	-0.02
86) Perylene-d12	24.15	264	344516	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	614061	185.06	ng	-0.02
7) Phenol-d6	7.45	99	828183	182.32	ng	-0.02
23) Nitrobenzene-d5	9.48	82	530034	105.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	361947	181.04	ng	-0.02
44) 2-Fluorobiphenyl	13.55	172	1263739	102.54	ng	-0.02
78) Terphenyl-d14	20.21	244	2557137	126.95	ng	-0.01

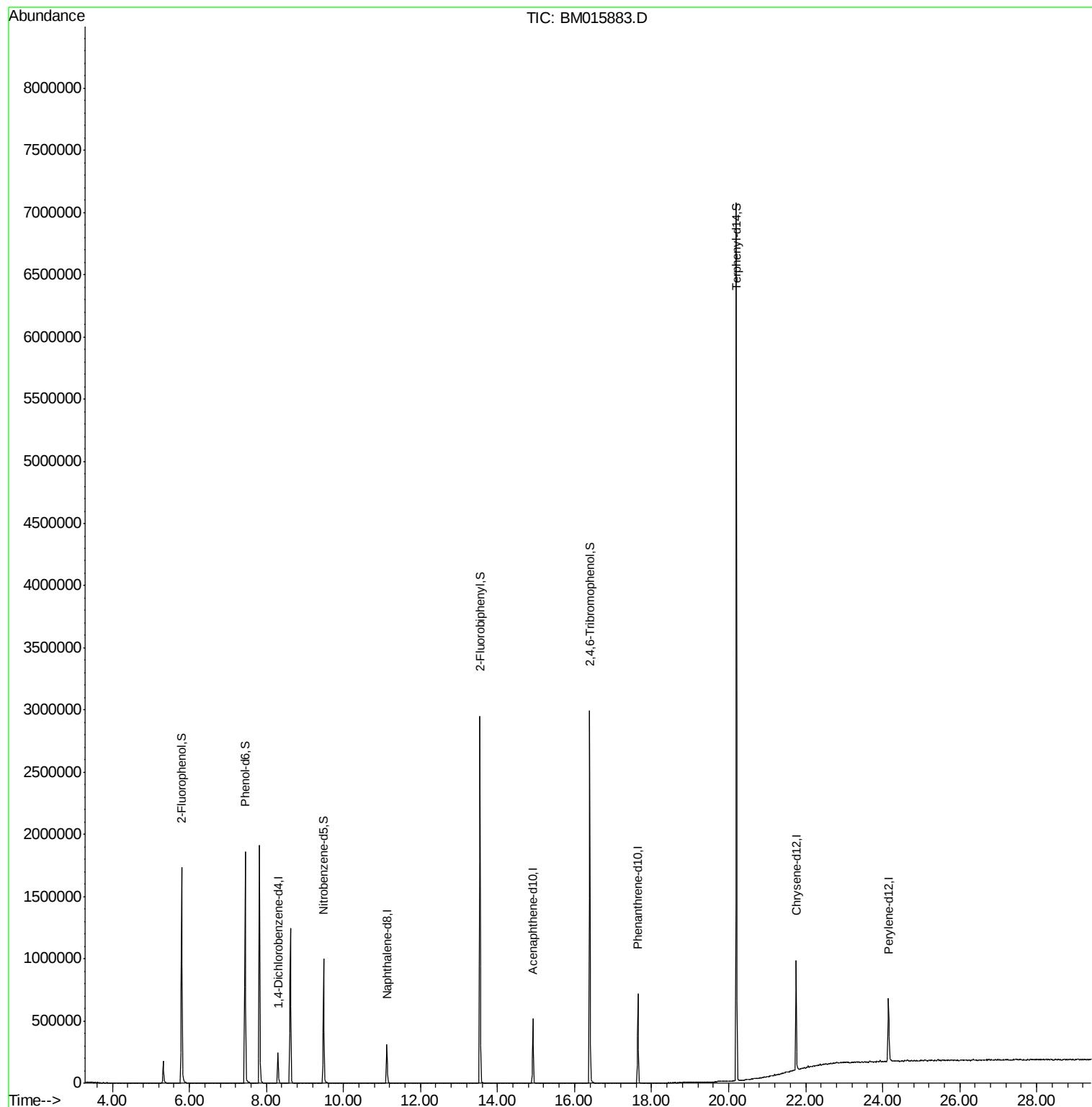
Target Compounds Qvalue

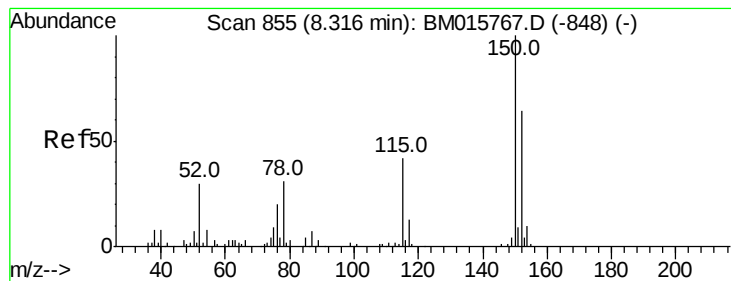
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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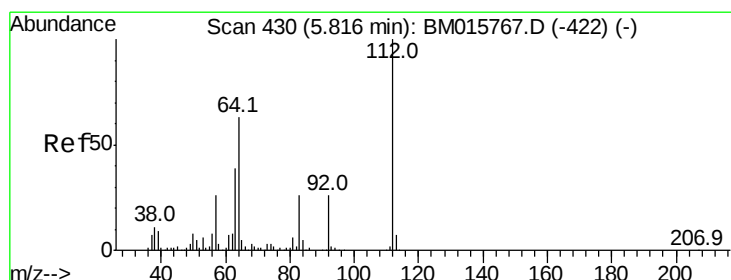
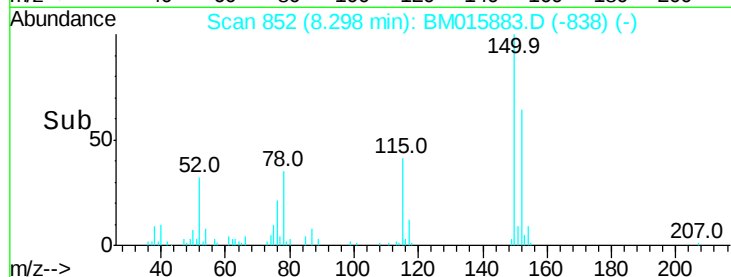
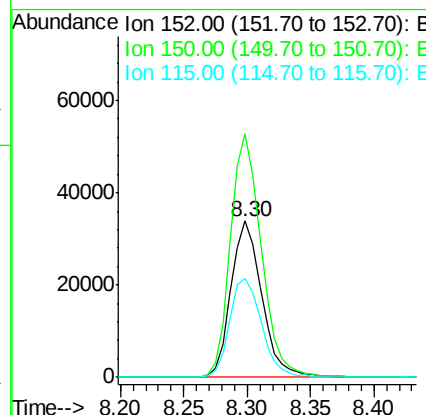
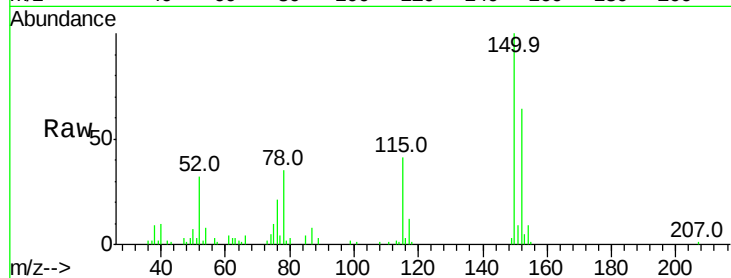


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015883.D
Acq: 11 Jul 2018 00:31

Instrument :
BNA_M
ClientSampleId :
PB110959TB

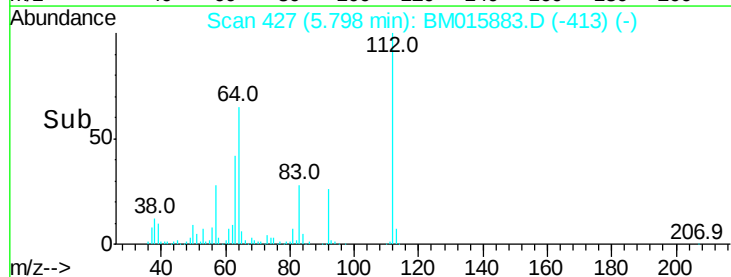
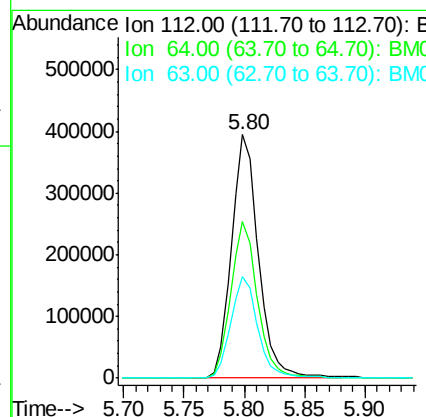
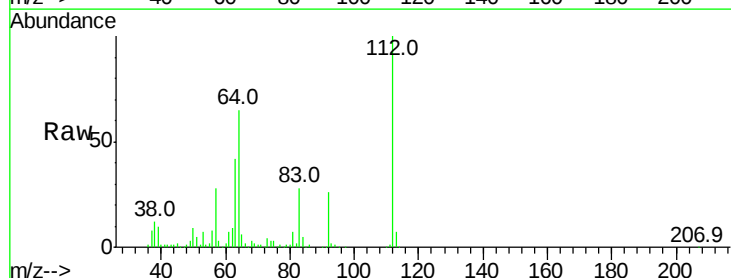
Tot Ion:152 Resp: 56905
Ion Ratio Lower Upper
152 100
150 156.0 119.5 179.3
115 63.6 43.0 64.4



#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015883.D
Acq: 11 Jul 2018 00:31

Tgt Ion:112 Resp: 614061
Ion Ratio Lower Upper
112 100
64 64.5 38.6 57.8#
63 41.9 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015883.D

Acq: 11 Jul 2018 00:31

Instrument :

BNA_M

ClientSampleId :

PB110959TB

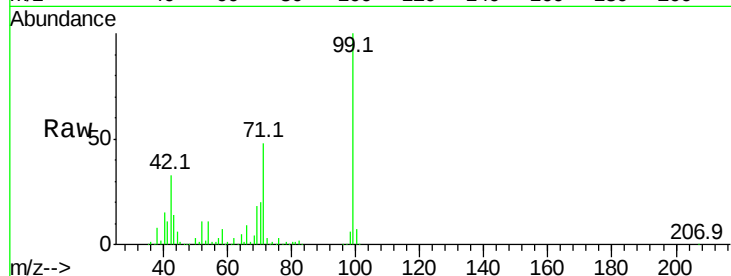
Tot Ion: 99 Resp: 828183

Ion Ratio Lower Upper

99 100

42 32.9 11.0 16.4#

71 47.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-702) (-)

Ion 71.00 (70.70 to 71.70): BM015767.D (-702) (-)

7.45

600000

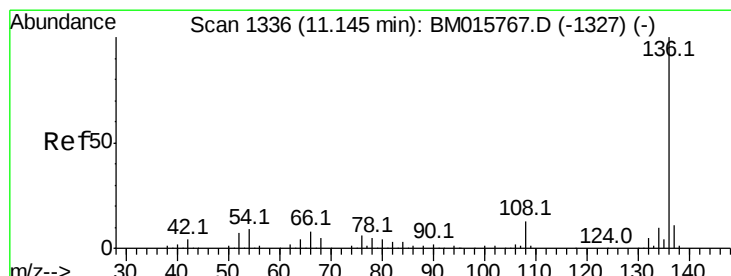
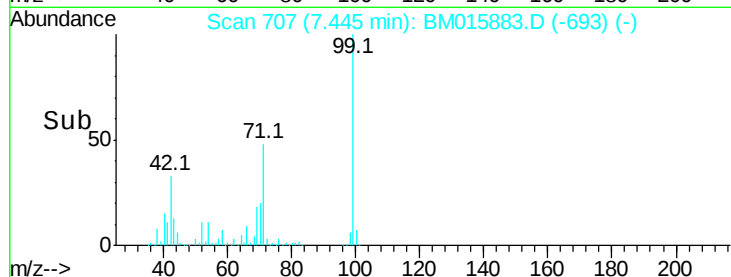
400000

200000

0

7.35 7.40 7.45 7.50 7.55

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015883.D

Acq: 11 Jul 2018 00:31

Tgt Ion: 136 Resp: 246252

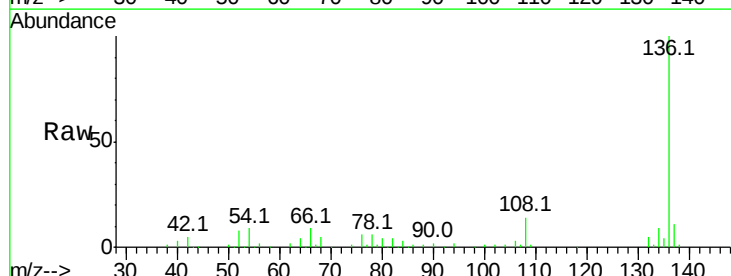
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 8.9 4.6 6.8#

68 4.8 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015767.D (-1327) (-)

11.13

200000

150000

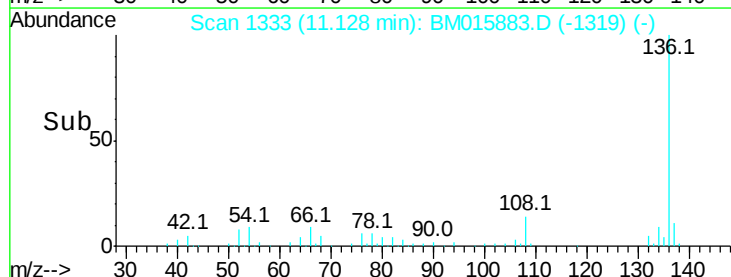
100000

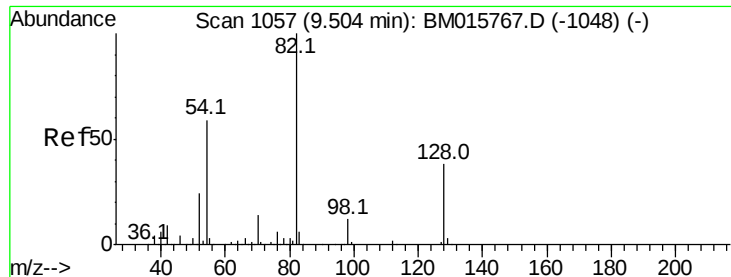
50000

0

11.10 11.12 11.14 11.16 11.18 11.20

Time-->

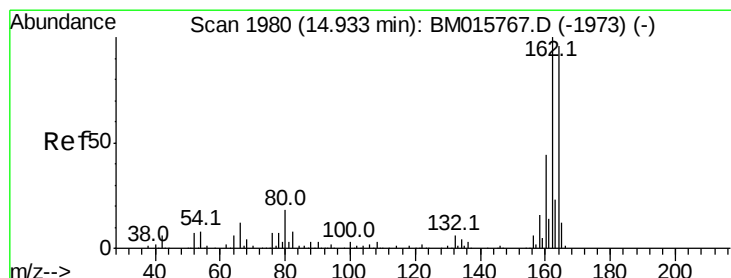
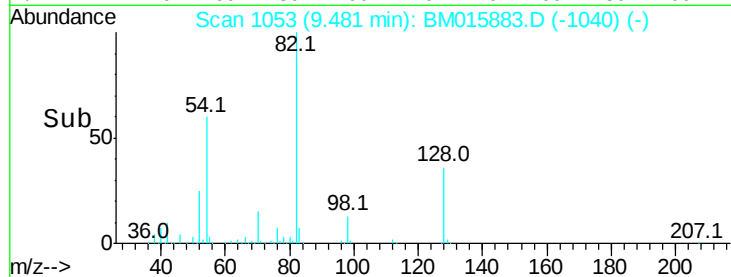
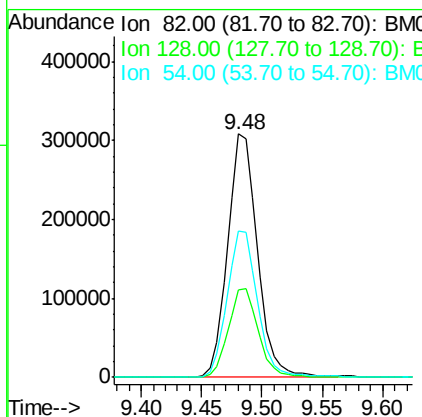
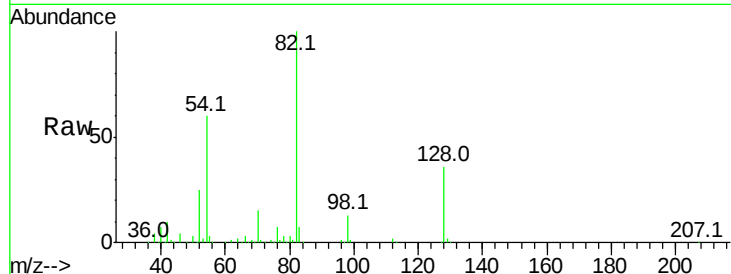




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.48 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BM015883.D
 Acq: 11 Jul 2018 00:31

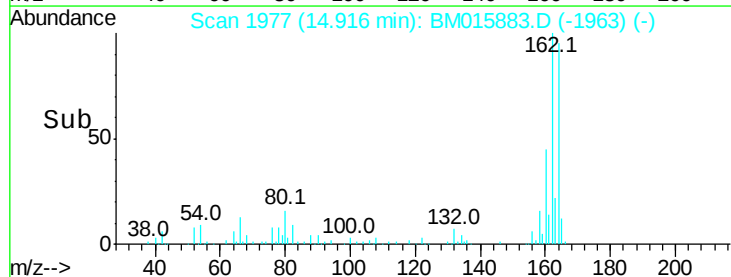
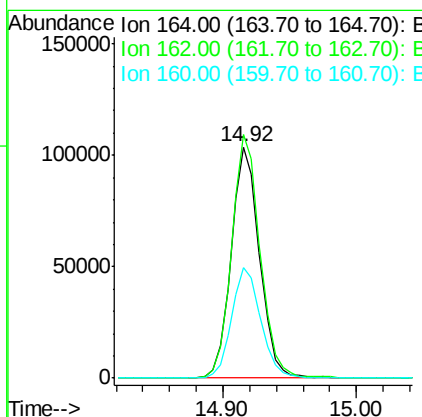
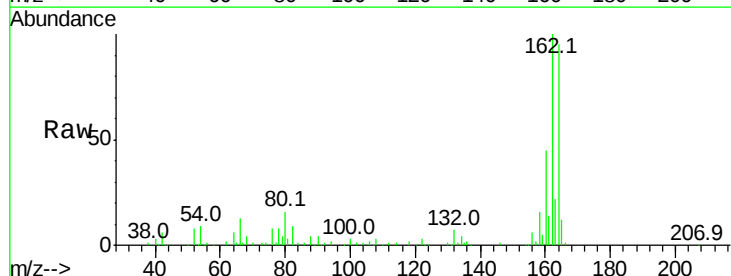
Instrument :
 BNA_M
 ClientSampleId :
 PB110959TB

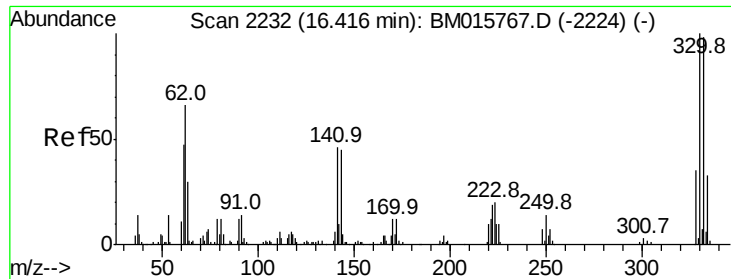
Tot Ion	82	Resp	530034
Ion	Ratio	Lower	Upper
82	100		
128	35.7	32.8	49.2
54	60.0	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1977
 Delta R.T. -0.02 min
 Lab File: BM015883.D
 Acq: 11 Jul 2018 00:31

Tgt Ion	164	Resp	153013
Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.4	123.6
160	47.8	35.8	53.6

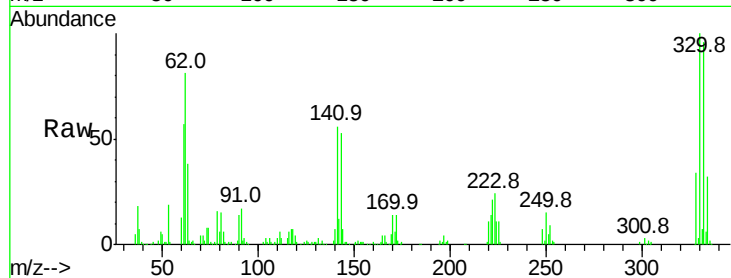




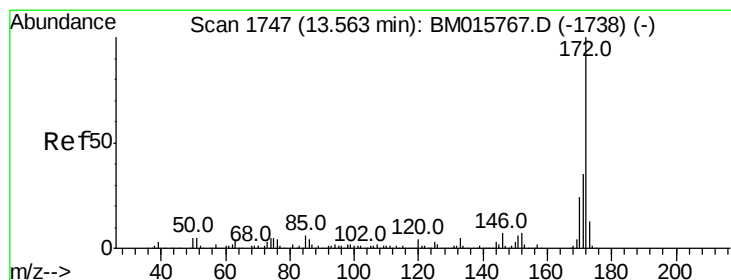
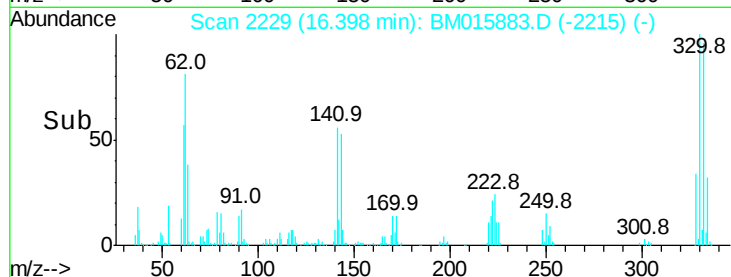
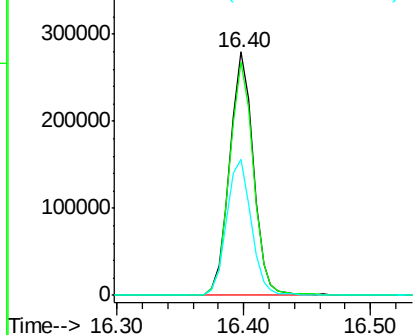
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015883.D
 Acq: 11 Jul 2018 00:31

Instrument :
 BNA_M
 ClientSampleId :
 PB110959TB

Tot Ion:330 Resp: 361947
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 58.3 0.0 0.0#

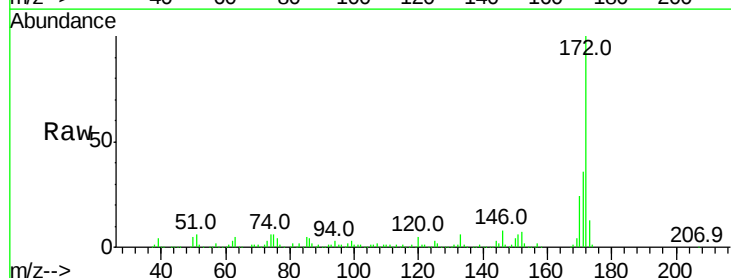


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

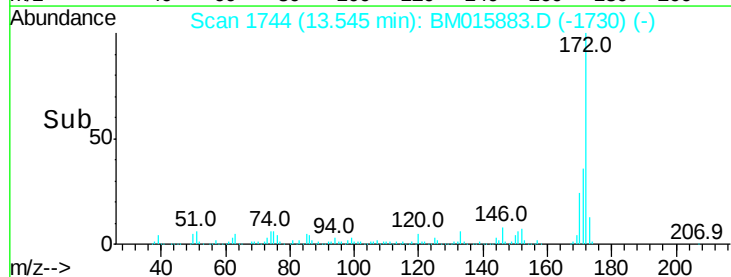
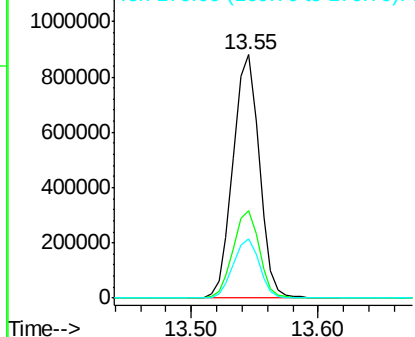


#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.55 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015883.D
 Acq: 11 Jul 2018 00:31

Tgt Ion:172 Resp: 1263739
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.3 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: 17.64 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM015883.D

Acq: 11 Jul 2018 00:31

Instrument :

BNA_M

ClientSampleId :

PB110959TB

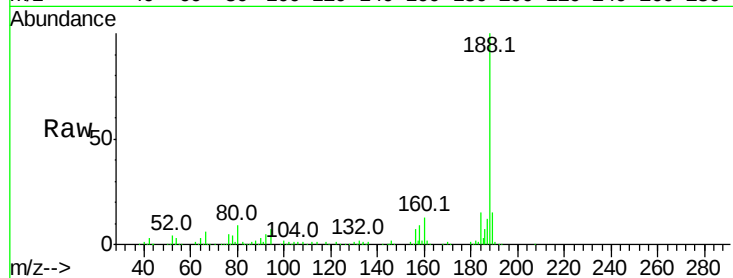
Tot Ion:188 Resp: 365035

Ion Ratio Lower Upper

188 100

94 7.4 8.7 13.1#

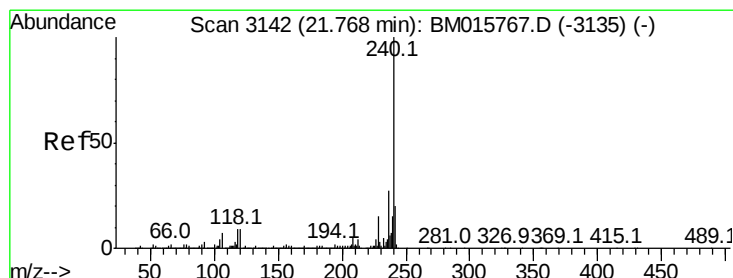
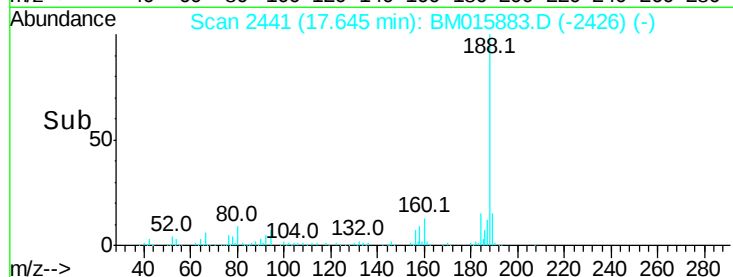
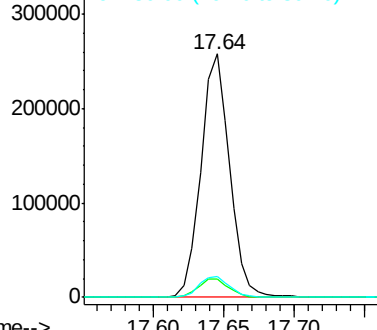
80 8.7 9.3 13.9#



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: 21.75 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BM015883.D

Acq: 11 Jul 2018 00:31

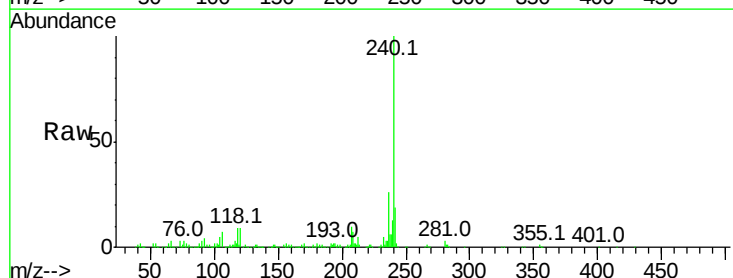
Tgt Ion:240 Resp: 373633

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

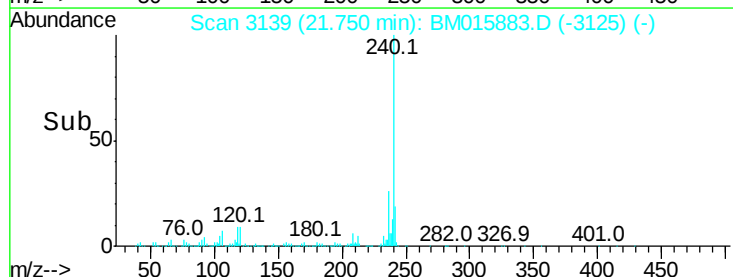
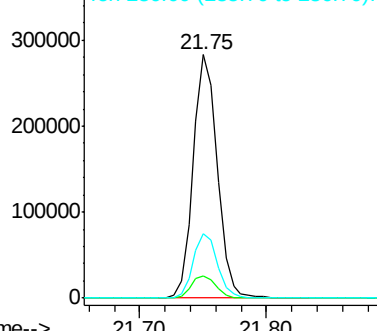
236 26.5 20.0 30.0

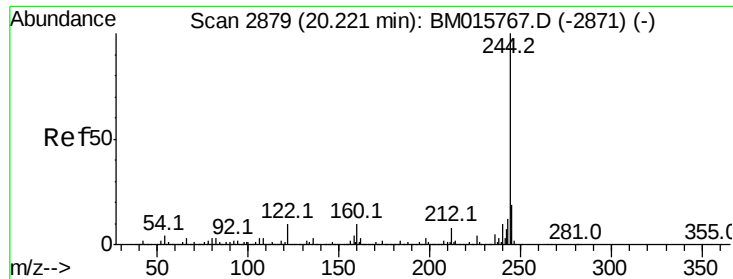


Abundance Ion 240.00 (239.70 to 240.70): E

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: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015883.D

Acq: 11 Jul 2018 00:31

Instrument :

BNA_M

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PB110959TB

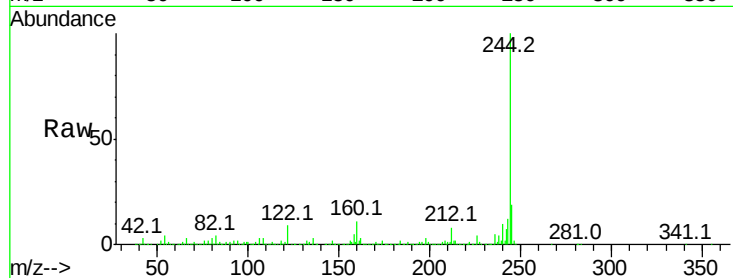
Tot Ion:244 Resp: 2557137

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

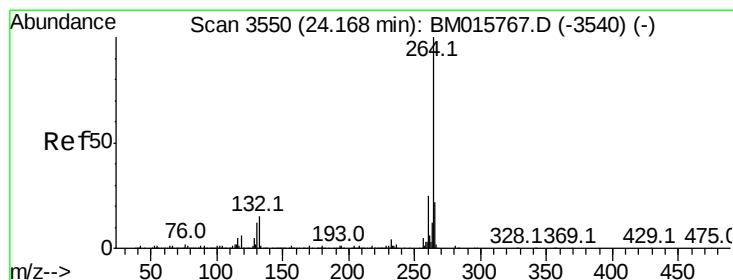
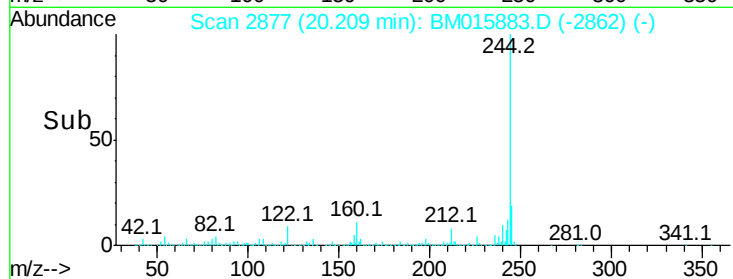
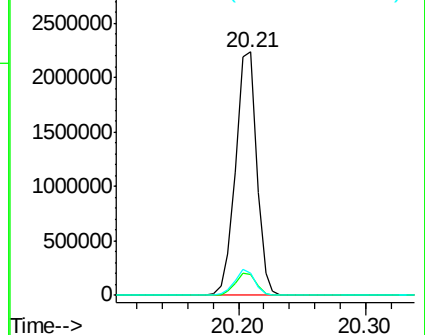
122 9.2 6.2 9.4



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: 24.15 min Scan# 3547

Delta R.T. -0.02 min

Lab File: BM015883.D

Acq: 11 Jul 2018 00:31

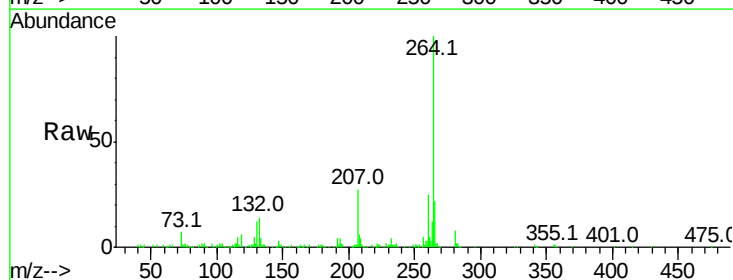
Tgt Ion:264 Resp: 344516

Ion Ratio Lower Upper

264 100

260 24.9 18.6 27.8

265 22.5 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

