

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015845.D
 Acq On : 09 Jul 2018 16:22
 Operator : SJ/JU
 Sample : PB110833BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BL

Quant Time: Jul 10 01:35:05 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	92748	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	372090	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	217266	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	521990	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	511257	20.00	ng	-0.01
86) Perylene-d12	24.16	264	477809	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	628423	116.20	ng	-0.01
7) Phenol-d6	7.45	99	801440	108.25	ng	-0.01
23) Nitrobenzene-d5	9.49	82	540051	70.82	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	324828	114.42	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1165316	66.59	ng	-0.02
78) Terphenyl-d14	20.21	244	2150672	78.03	ng	-0.01

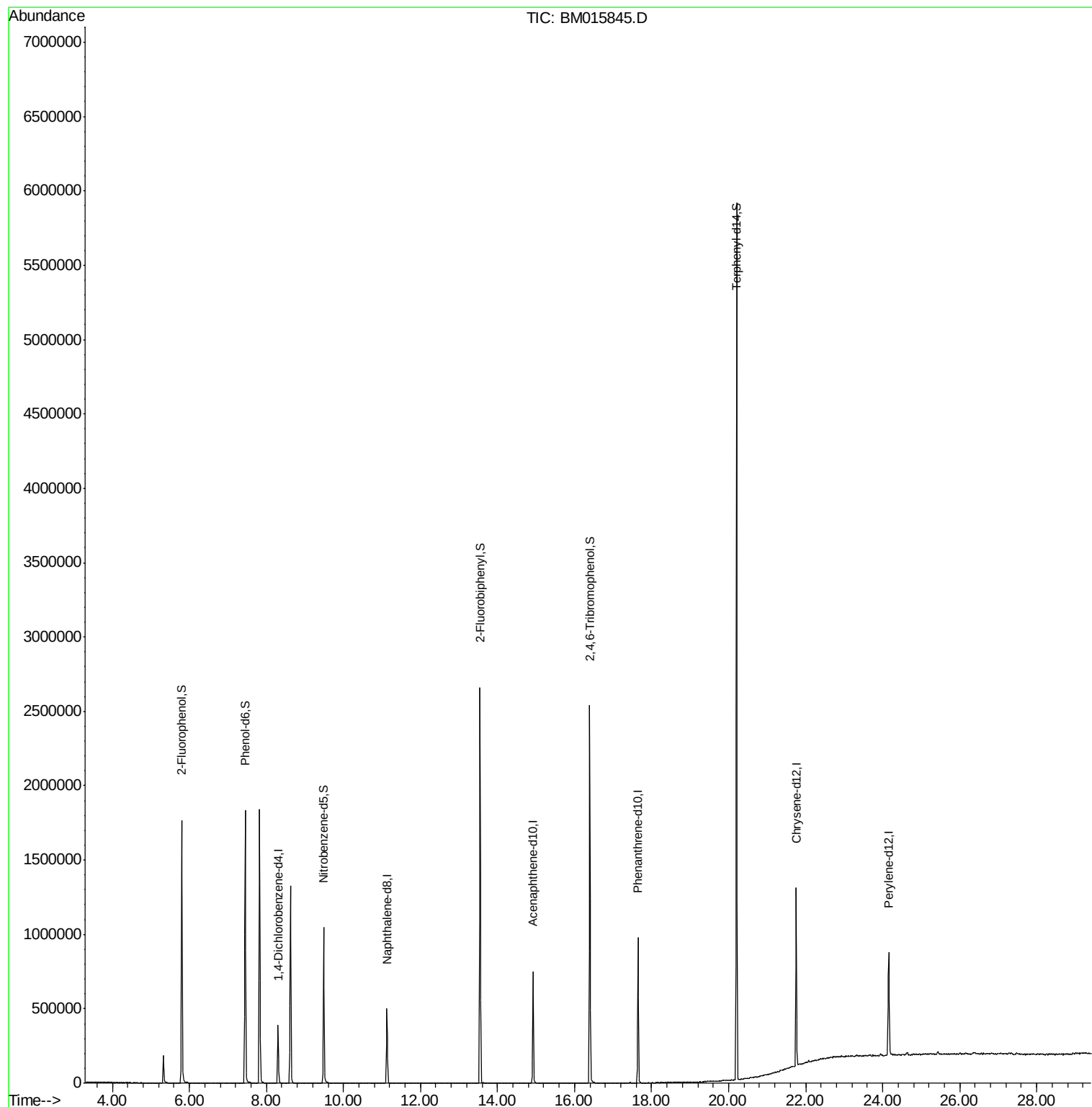
Target Compounds Qvalue

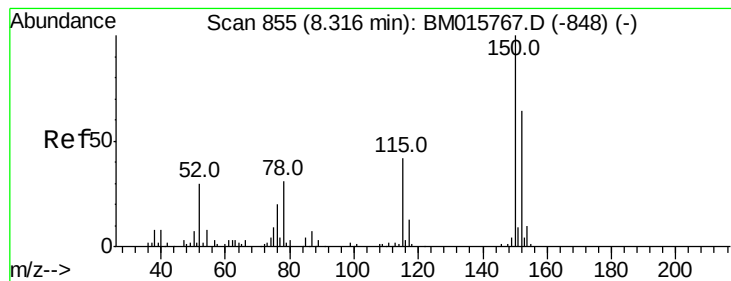
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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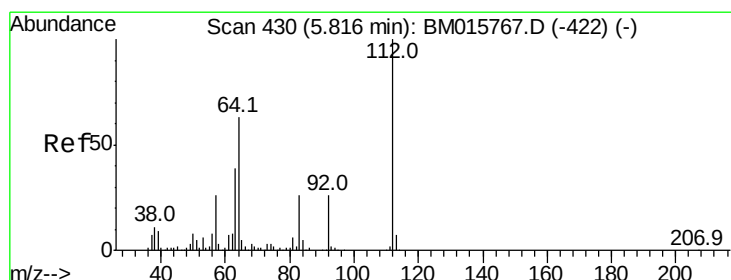
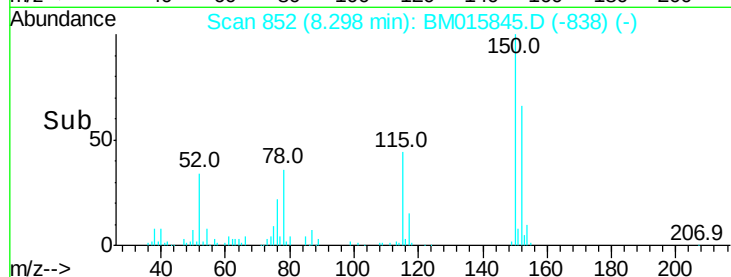
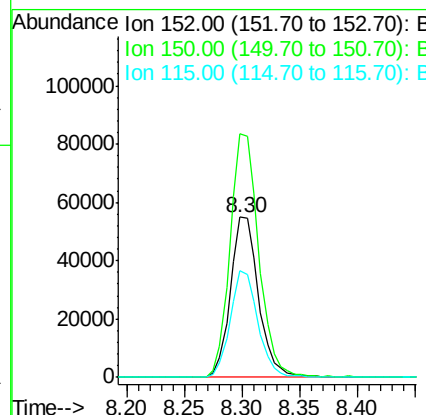
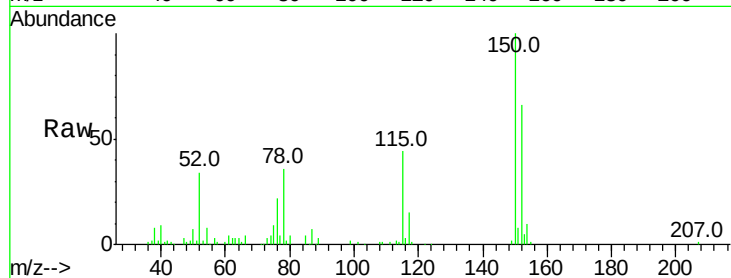


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015845.D
Acq: 09 Jul 2018 16:22

Instrument :
BNA_M
ClientSampled :
PB110833BL

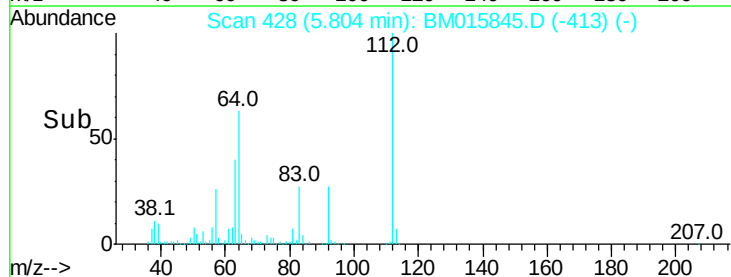
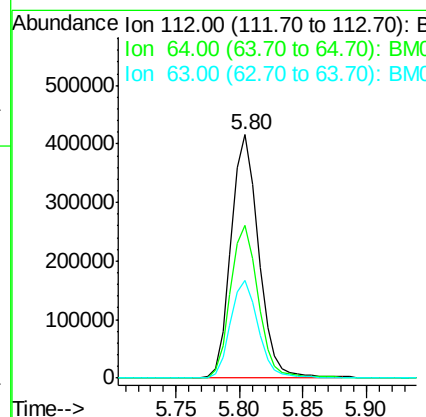
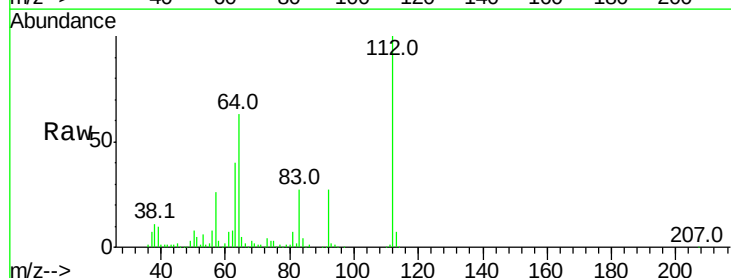
Tot Ion:152 Resp: 92748
Ion Ratio Lower Upper
152 100
150 152.2 119.5 179.3
115 66.3 43.0 64.4#

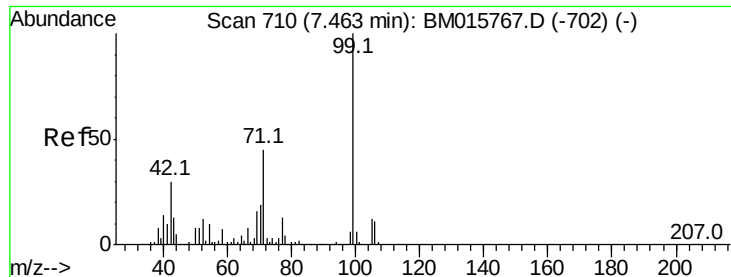


#5

2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015845.D
Acq: 09 Jul 2018 16:22

Tgt Ion:112 Resp: 628423
Ion Ratio Lower Upper
112 100
64 62.8 38.6 57.8#
63 40.0 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015845.D

Acq: 09 Jul 2018 16:22

Instrument :

BNA_M

ClientSampleId :

PB110833BL

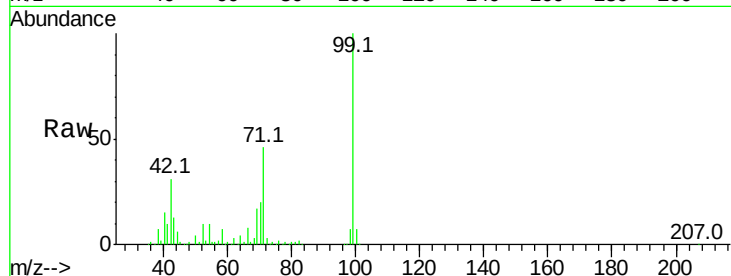
Tot Ion: 99 Resp: 801440

Ion Ratio Lower Upper

99 100

42 31.1 11.0 16.4#

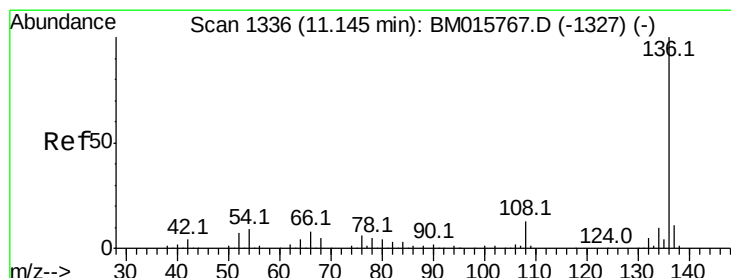
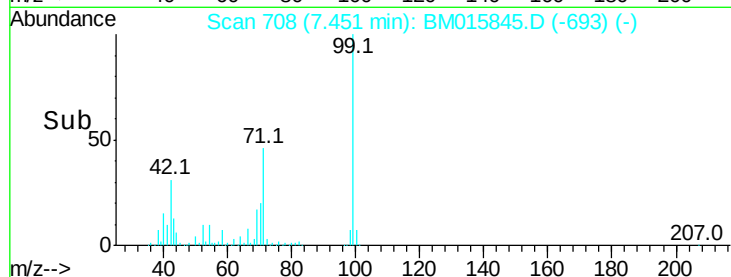
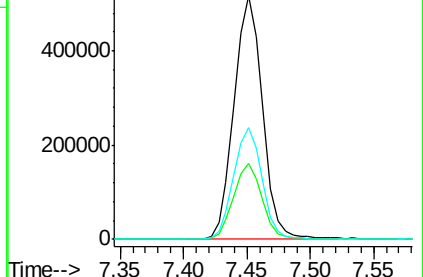
71 46.0 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015845.D

Acq: 09 Jul 2018 16:22

Tgt Ion: 136 Resp: 372090

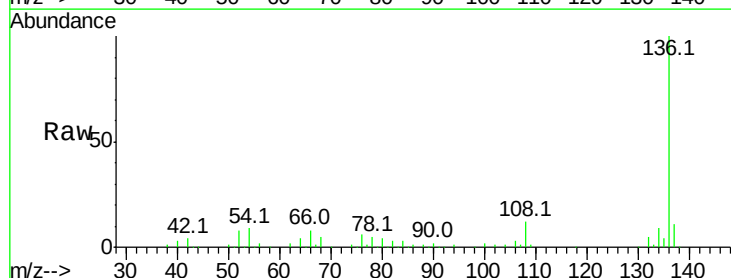
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.4 4.6 6.8#

68 4.6 3.7 5.5

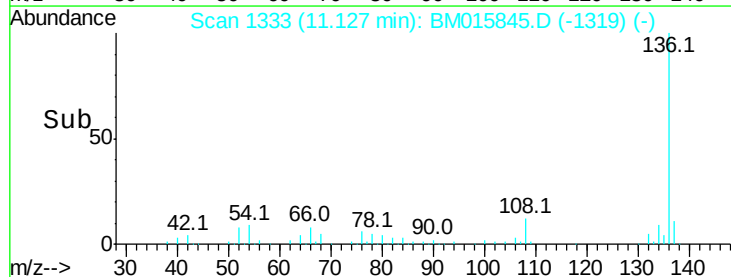
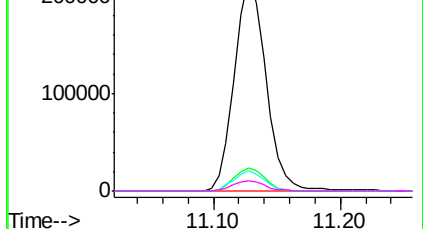


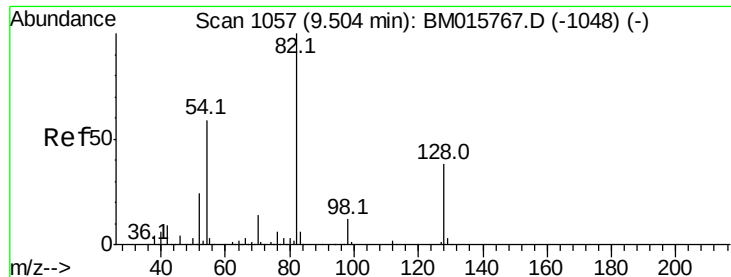
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

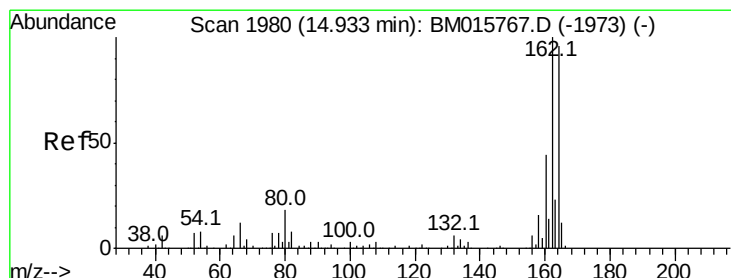
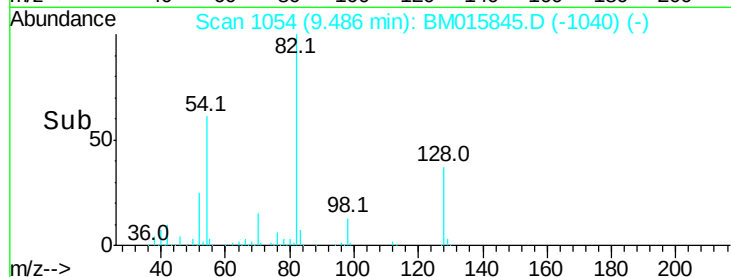
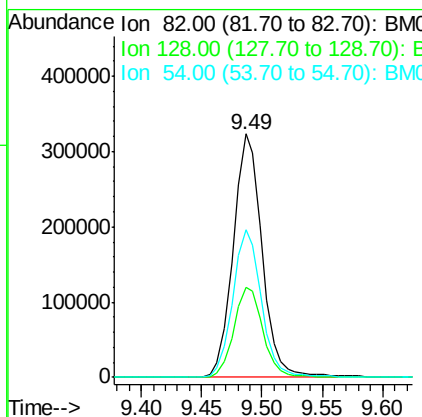
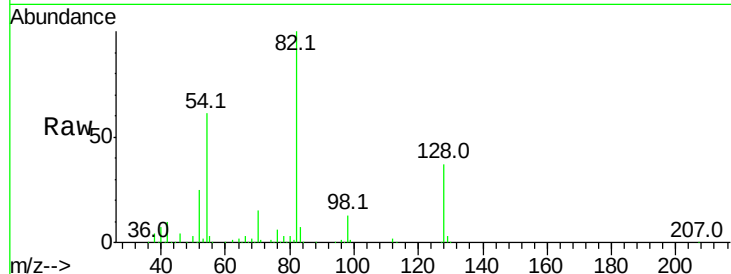




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.49 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BM015845.D
 Acq: 09 Jul 2018 16:22

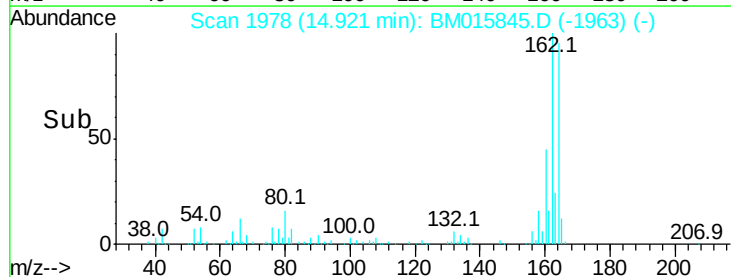
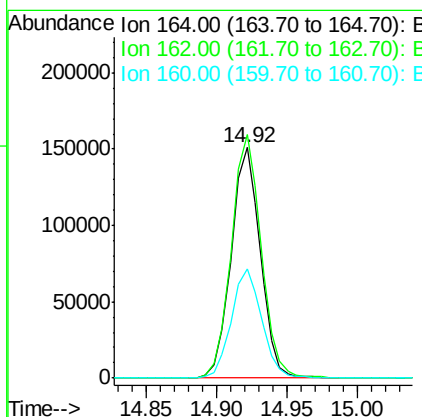
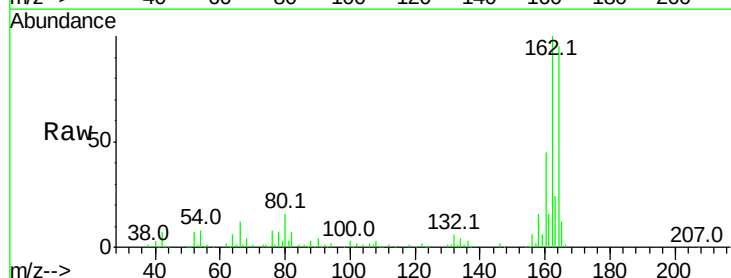
Instrument :
 BNA_M
 ClientSampleId :
 PB110833BL

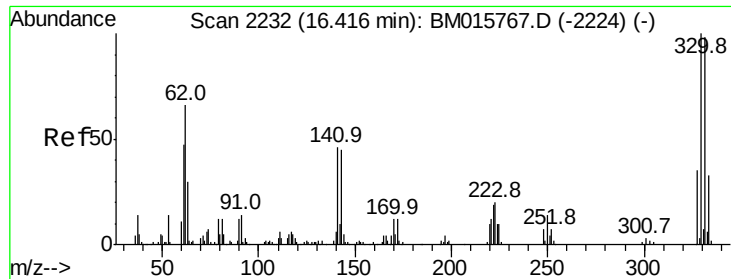
Tot Ion	82	Resp	540051
Ion	Ratio	Lower	Upper
82	100		
128	36.9	32.8	49.2
54	60.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM015845.D
 Acq: 09 Jul 2018 16:22

Tgt Ion	164	Resp	217266
Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.4	123.6
160	47.5	35.8	53.6

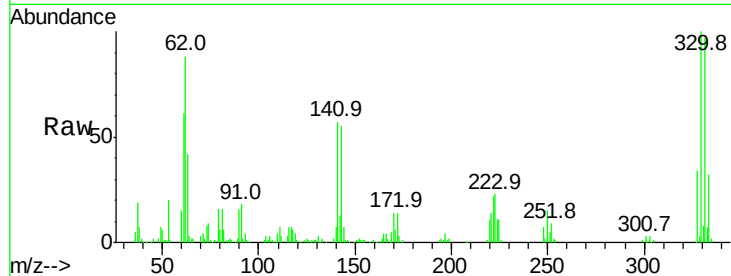




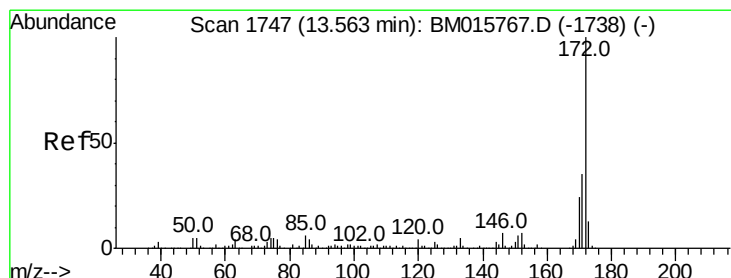
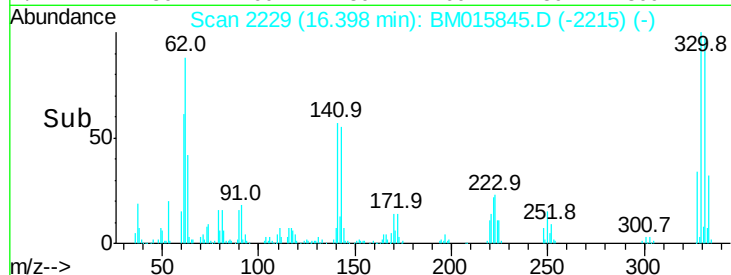
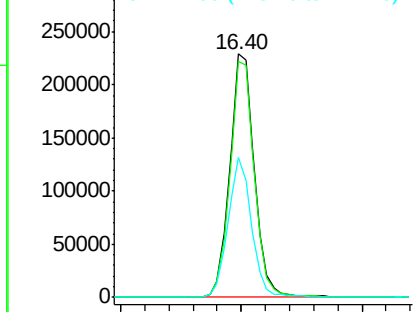
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015845.D
 Acq: 09 Jul 2018 16:22

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BL

Tot Ion:330 Resp: 324828
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 54.7 0.0 0.0#

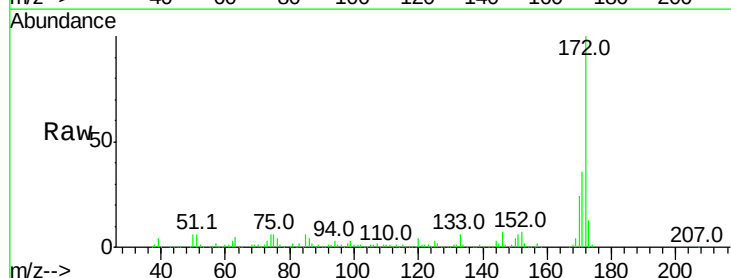


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

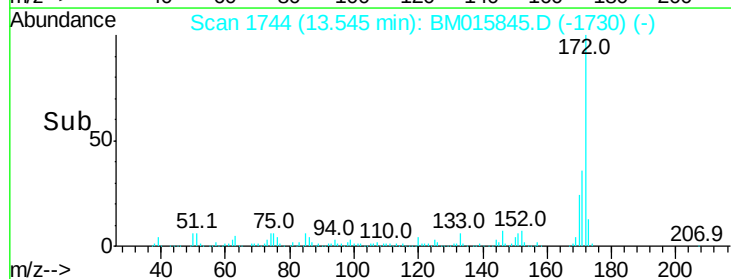
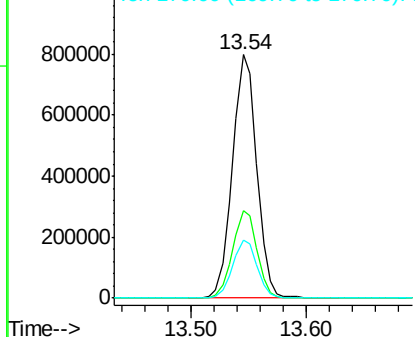


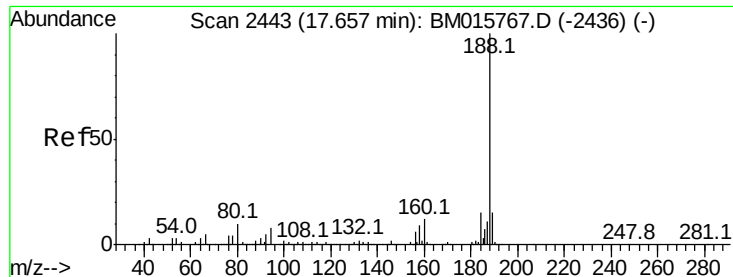
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015845.D
 Acq: 09 Jul 2018 16:22

Tgt Ion:172 Resp: 1165316
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 23.8 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

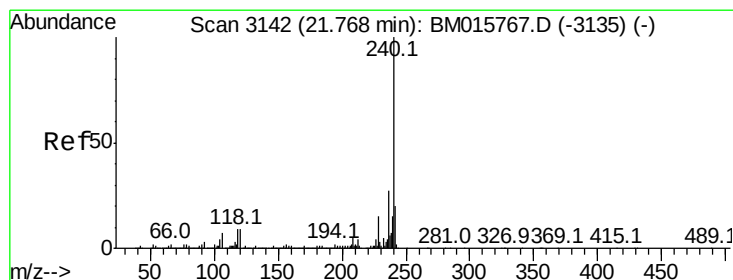
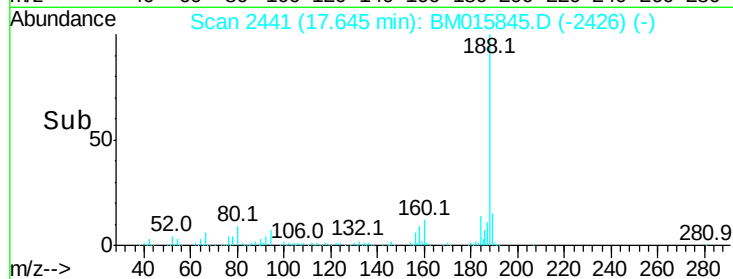
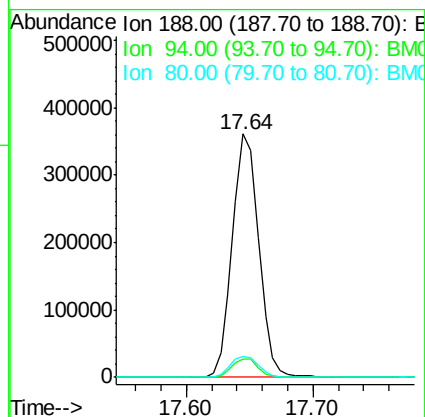
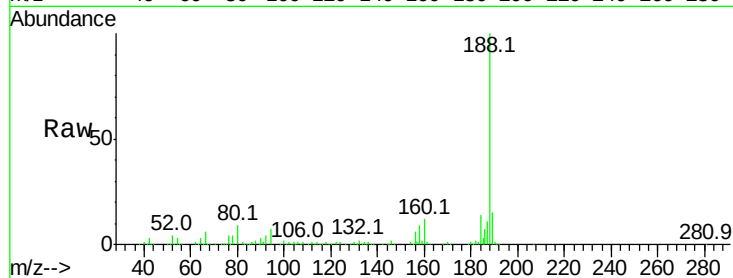




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015845.D
Acq: 09 Jul 2018 16:22

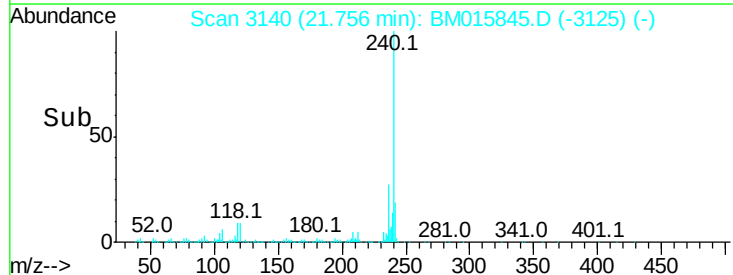
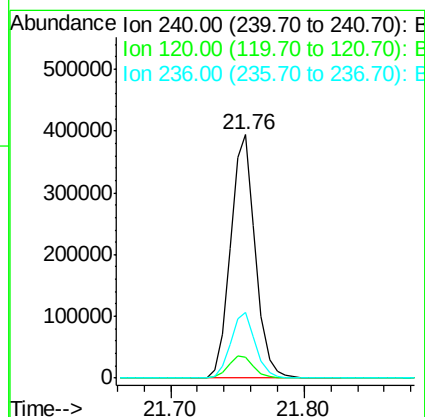
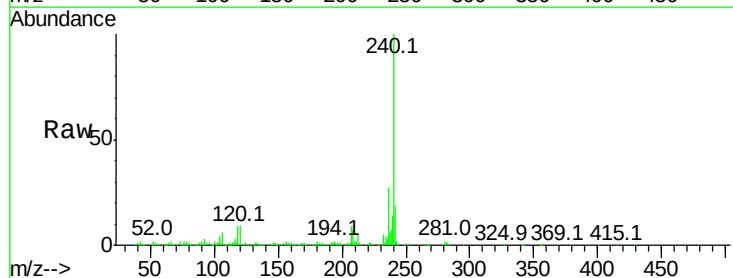
Instrument :
BNA_M
ClientSampleId :
PB110833BL

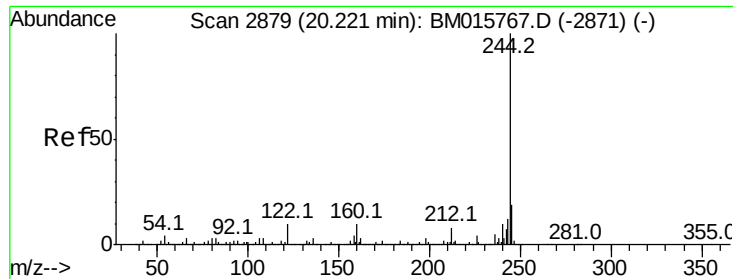
Tot Ion:188 Resp: 521990
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 8.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015845.D
Acq: 09 Jul 2018 16:22

Tgt Ion:240 Resp: 511257
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.2
236 27.2 20.0 30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015845.D

Acq: 09 Jul 2018 16:22

Instrument :

BNA_M

ClientSampleId :

PB110833BL

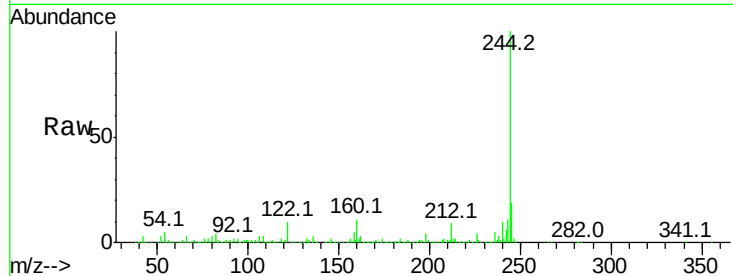
Tot Ion:244 Resp: 2150672

Ion Ratio Lower Upper

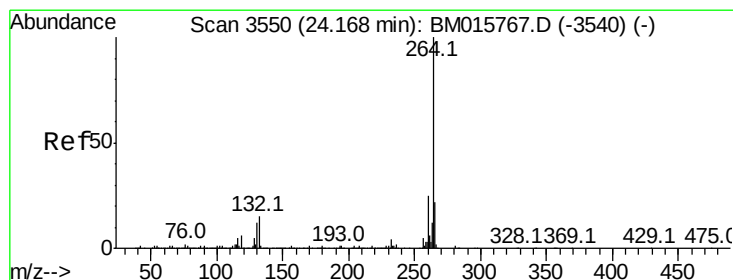
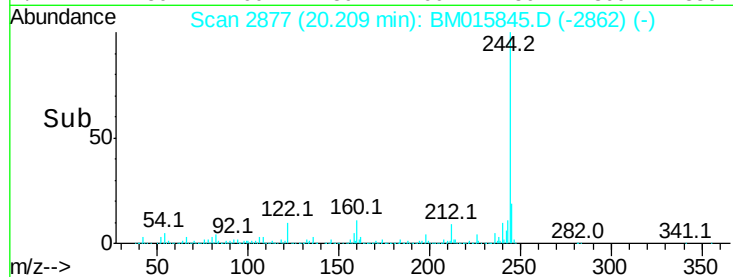
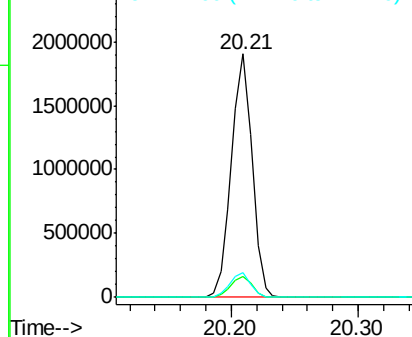
244 100

212 8.5 4.9 7.3#

122 10.1 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: 24.16 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BM015845.D

Acq: 09 Jul 2018 16:22

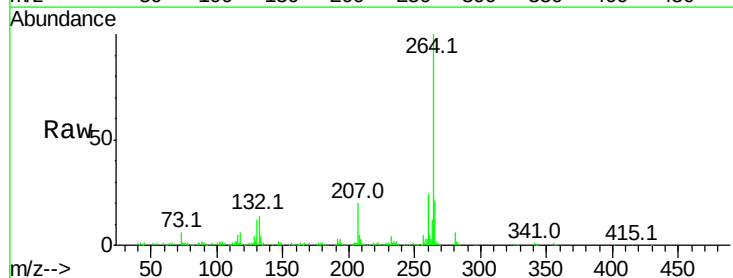
Tgt Ion:264 Resp: 477809

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.0 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

