

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
 Data File : BM015822.D
 Acq On : 07 Jul 2018 03:37
 Operator : SJ/JU
 Sample : PB110836BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BL

Quant Time: Jul 07 04:34:01 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	124205	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	484337	20.00	ng	-0.01
38) Acenaphthene-d10	14.93	164	263570	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	536143	20.00	ng	0.00
75) Chrysene-d12	21.76	240	355460	20.00	ng	-0.01
86) Perylene-d12	24.16	264	308494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	1220641	168.54	ng	0.00
7) Phenol-d6	7.46	99	1547934	156.12	ng	0.00
23) Nitrobenzene-d5	9.50	82	1027463	103.50	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	526045	152.75	ng	0.00
44) 2-Fluorobiphenyl	13.55	172	2204781	103.85	ng	-0.01
78) Terphenyl-d14	20.22	244	2611158	136.26	ng	0.00

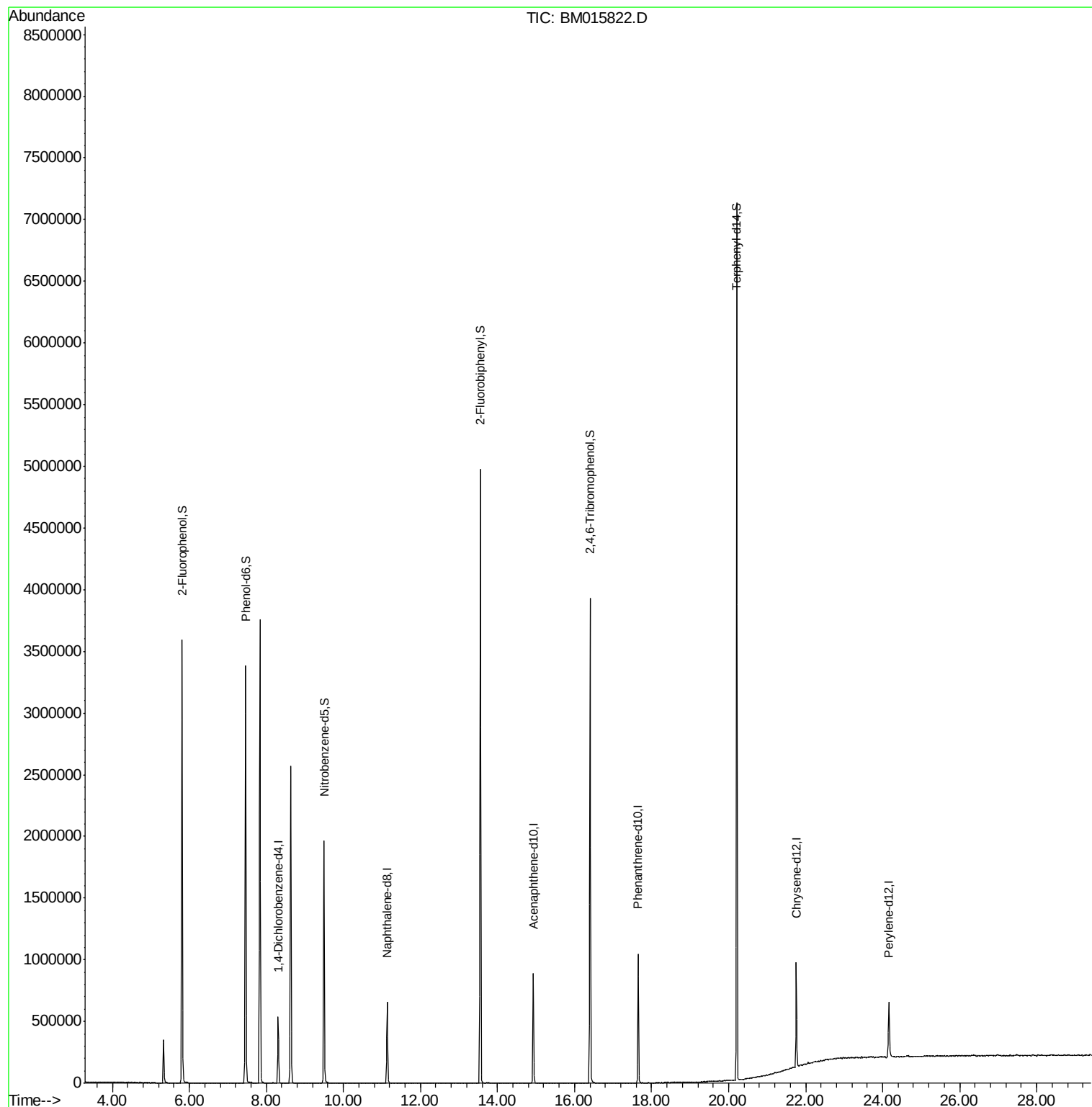
Target Compounds Qvalue

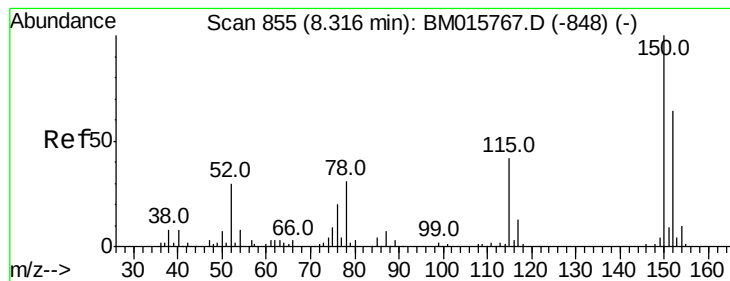
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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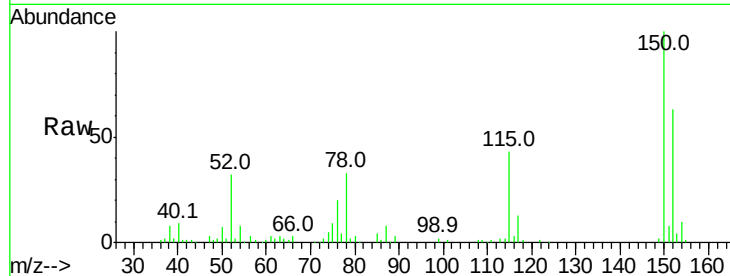


#1

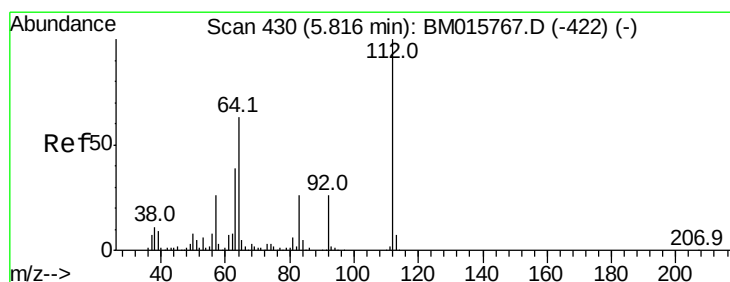
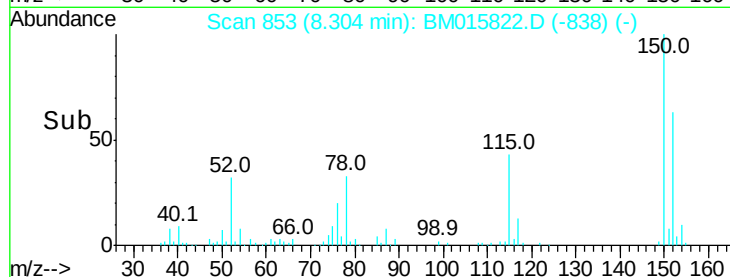
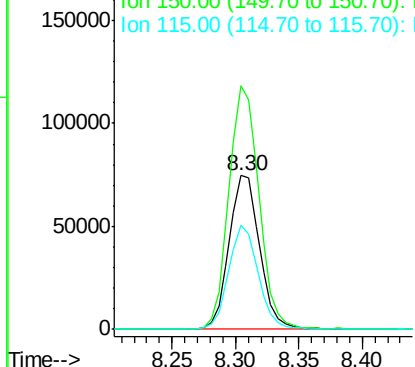
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015822.D
Acq: 07 Jul 2018 03:37

Instrument :
BNA_M
ClientSampleId :
PB110836BL

Tot Ion:152 Resp: 124205
Ion Ratio Lower Upper
152 100
150 158.1 119.5 179.3
115 67.7 43.0 64.4#



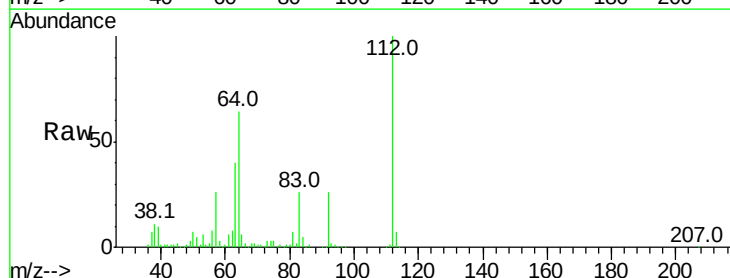
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



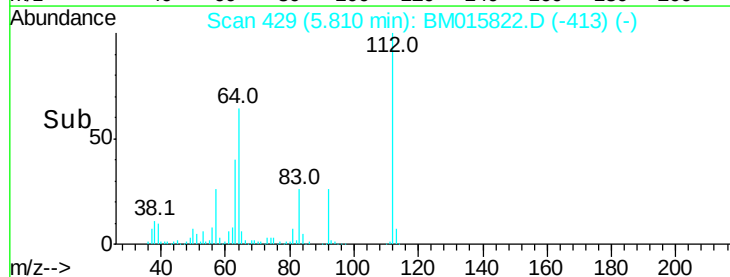
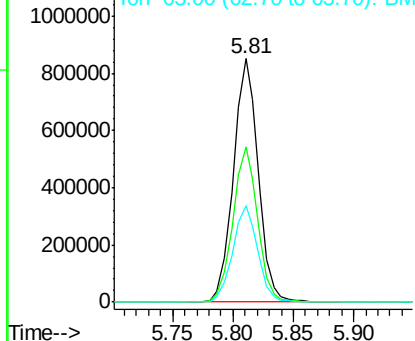
#5

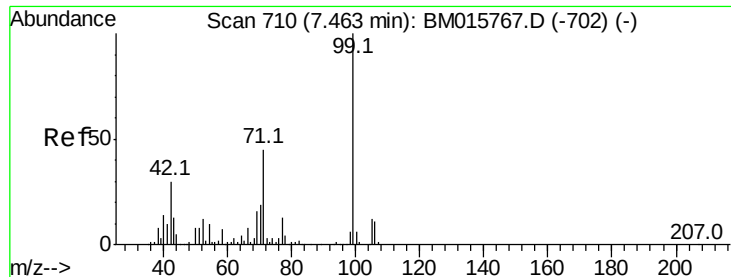
2-Fluorophenol
Concen: Below ng
RT: 5.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BM015822.D
Acq: 07 Jul 2018 03:37

Tgt Ion:112 Resp: 1220641
Ion Ratio Lower Upper
112 100
64 63.7 38.6 57.8#
63 39.8 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: N.D. ng

RT: 7.46 min Scan# 710

Delta R.T. 0.00 min

Lab File: BM015822.D

Acq: 07 Jul 2018 03:37

Instrument :

BNA_M

ClientSampleId :

PB110836BL

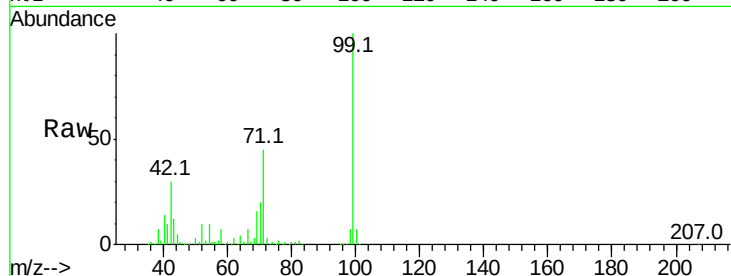
Tot Ion: 99 Resp: 1547934

Ion Ratio Lower Upper

99 100

42 30.1 11.0 16.4#

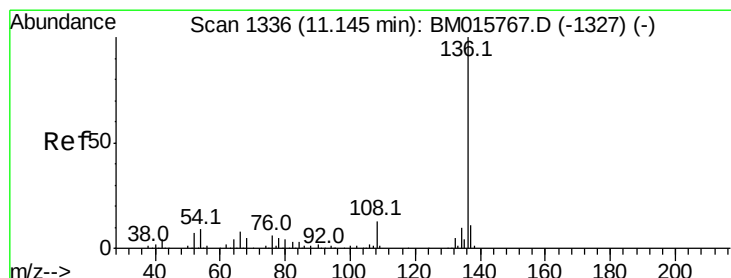
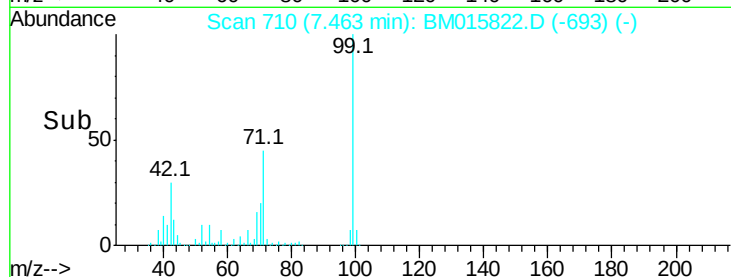
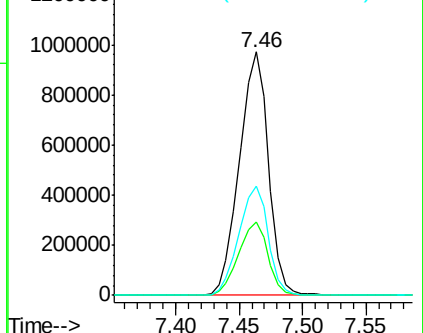
71 44.8 23.4 35.2#



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# 1334

Delta R.T. -0.01 min

Lab File: BM015822.D

Acq: 07 Jul 2018 03:37

Tgt Ion: 136 Resp: 484337

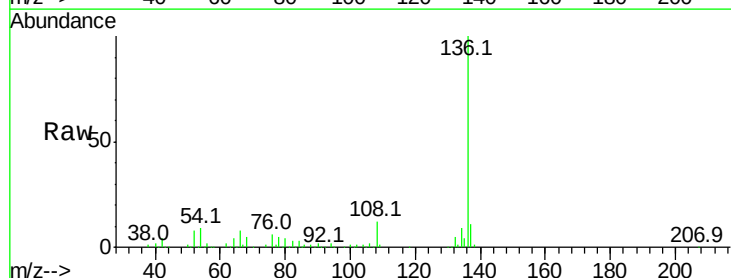
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.2 4.6 6.8#

68 4.8 3.7 5.5

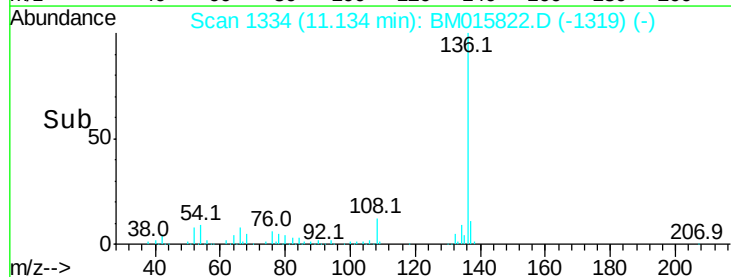
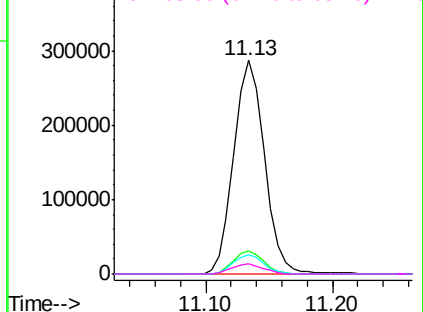


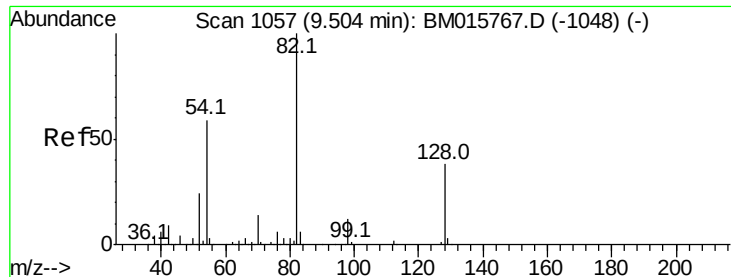
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

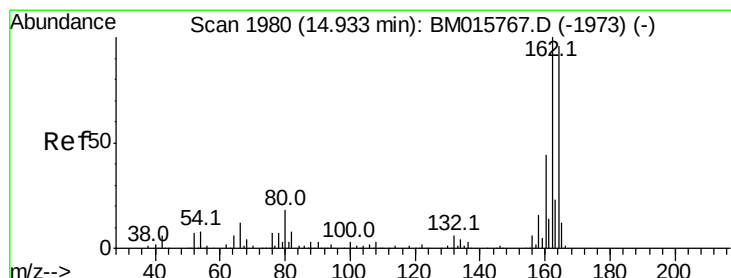
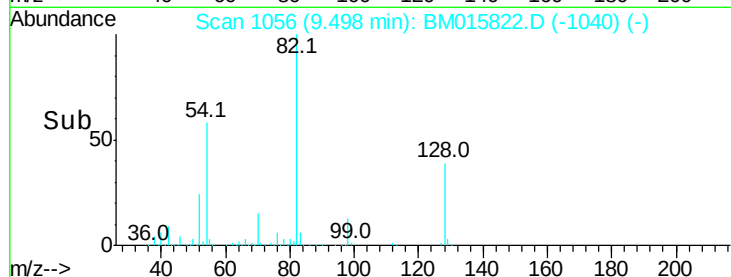
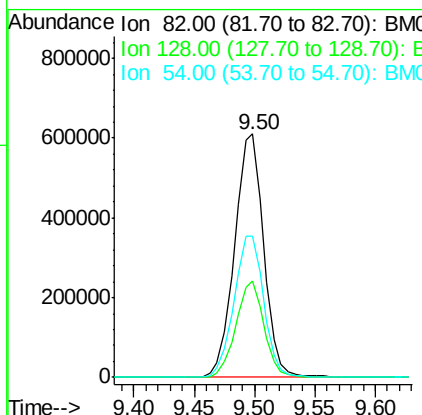
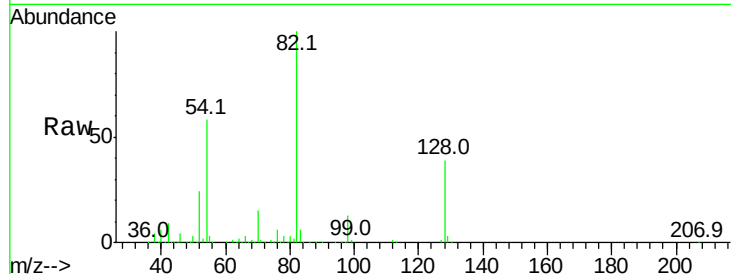




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.50 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BM015822.D
Acq: 07 Jul 2018 03:37

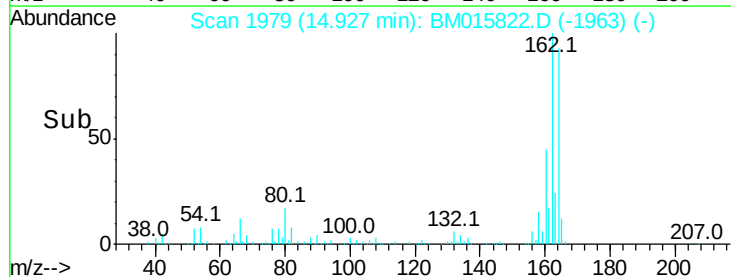
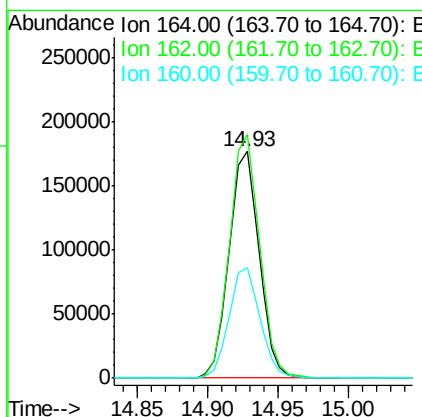
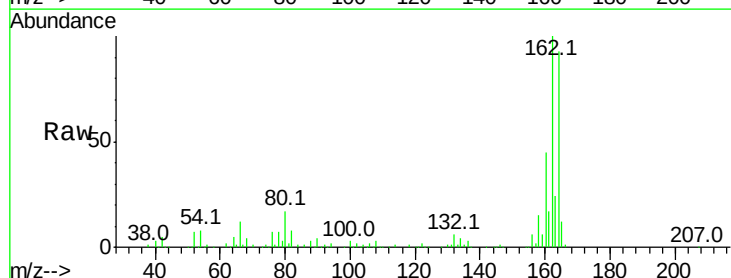
Instrument :
BNA_M
ClientSampleId :
PB110836BL

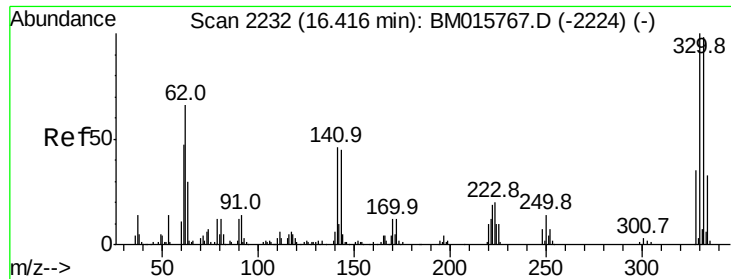
Tot Ion: 82 Resp: 1027463
Ion Ratio Lower Upper
82 100
128 39.3 32.8 49.2
54 58.0 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.93 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM015822.D
Acq: 07 Jul 2018 03:37

Tgt Ion:164 Resp: 263570
Ion Ratio Lower Upper
164 100
162 107.4 82.4 123.6
160 48.6 35.8 53.6

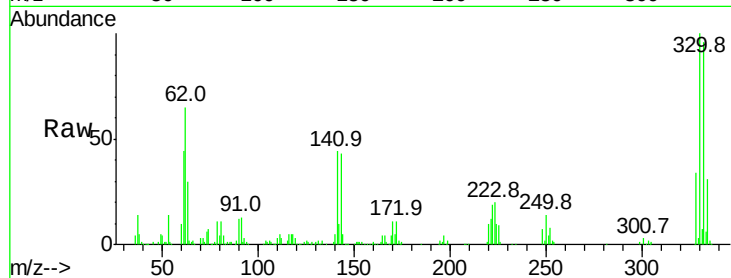




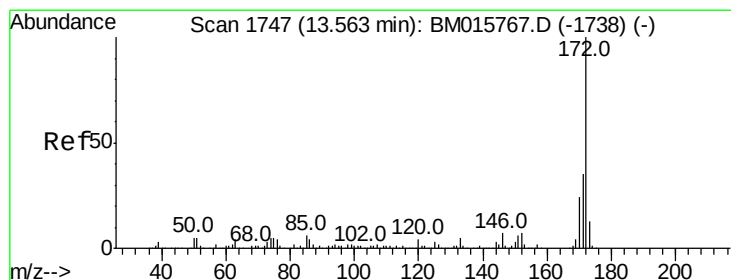
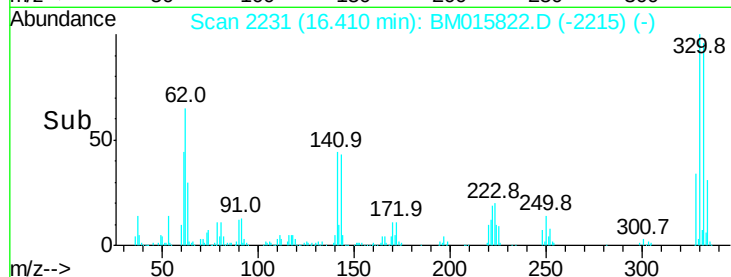
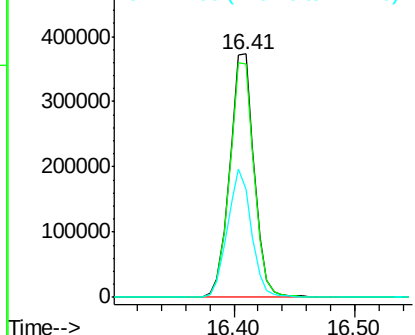
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015822.D
 Acq: 07 Jul 2018 03:37

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BL

Tot Ion:330 Resp: 526045
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 51.6 0.0 0.0#

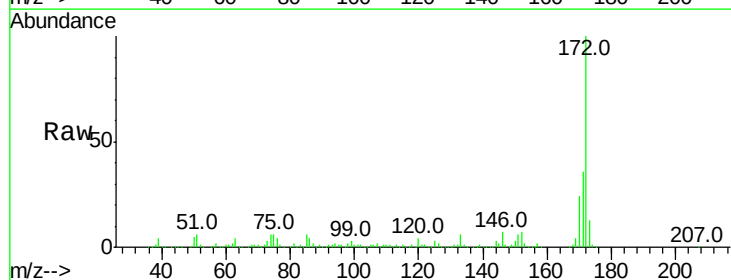


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

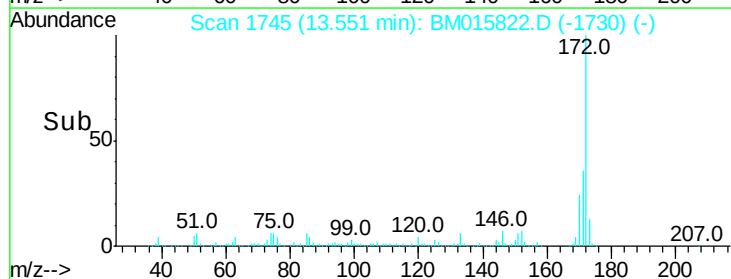
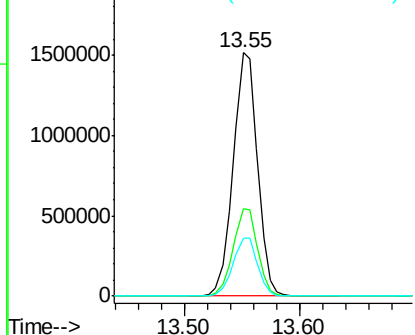


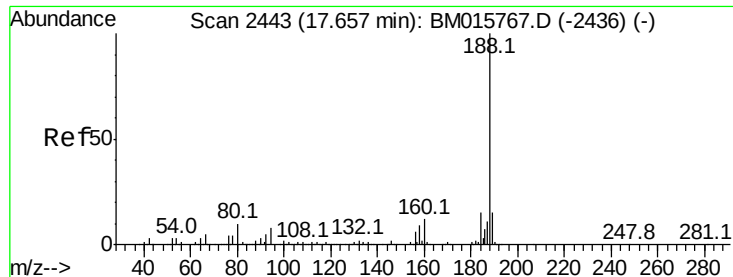
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.55 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM015822.D
 Acq: 07 Jul 2018 03:37

Tgt Ion:172 Resp: 2204781
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 23.9 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

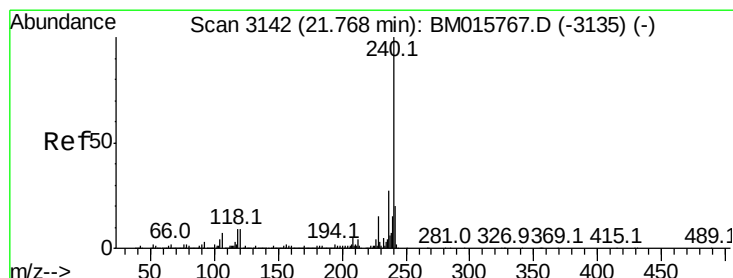
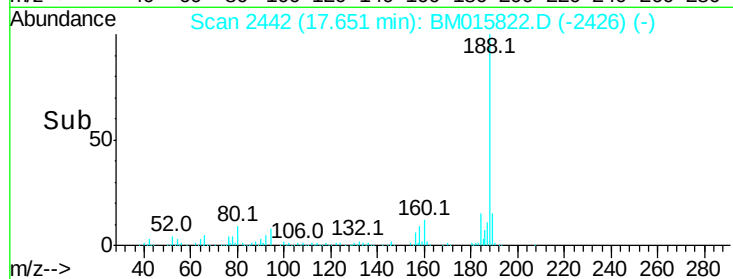
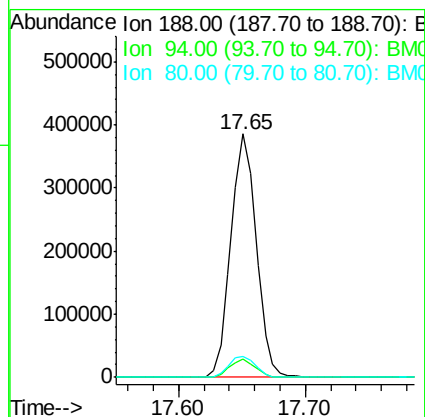
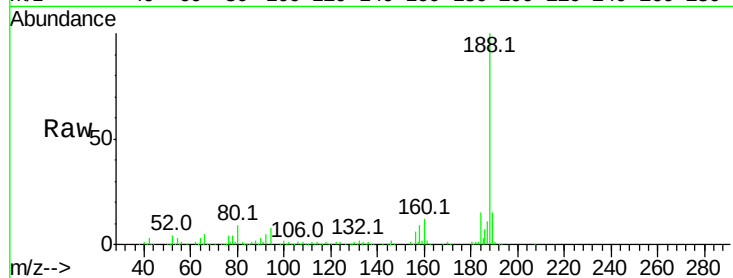




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015822.D
Acq: 07 Jul 2018 03:37

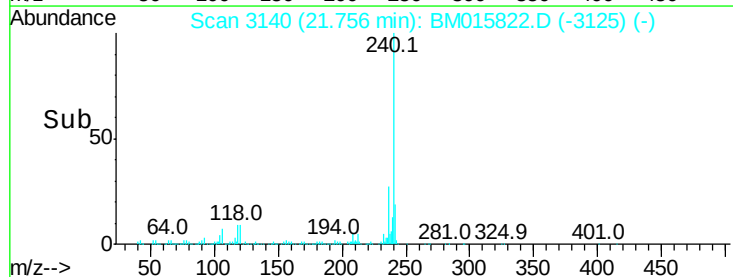
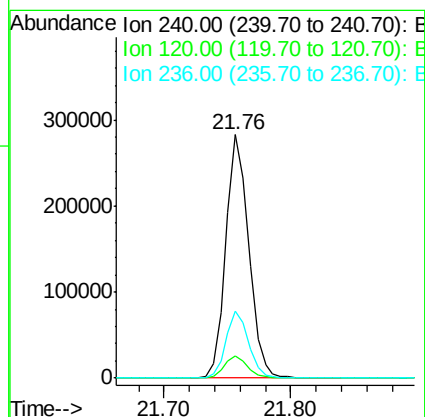
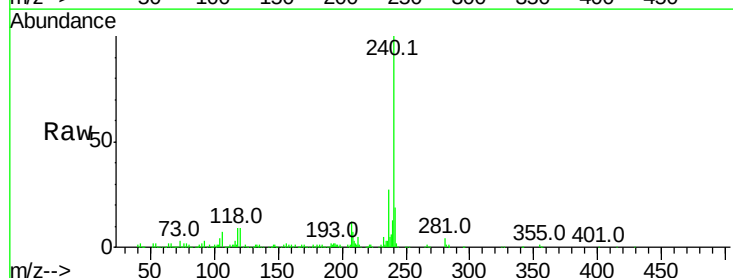
Instrument :
BNA_M
ClientSampleId :
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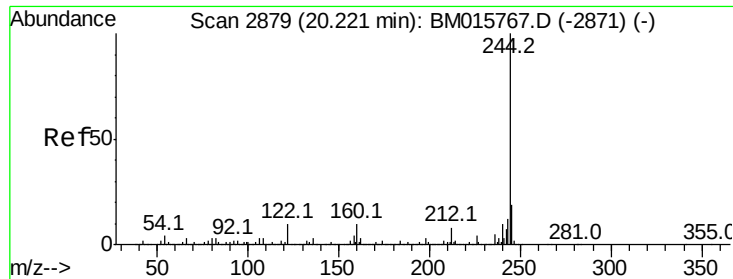
Tot Ion:188 Resp: 536143
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 8.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015822.D
Acq: 07 Jul 2018 03:37

Tgt Ion:240 Resp: 355460
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.2
236 27.3 20.0 30.0

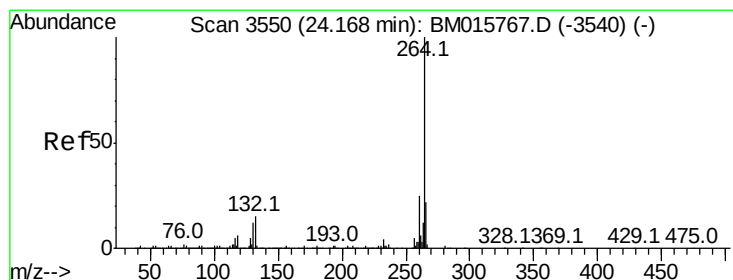
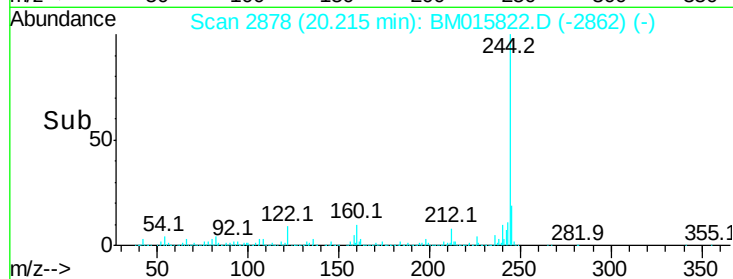
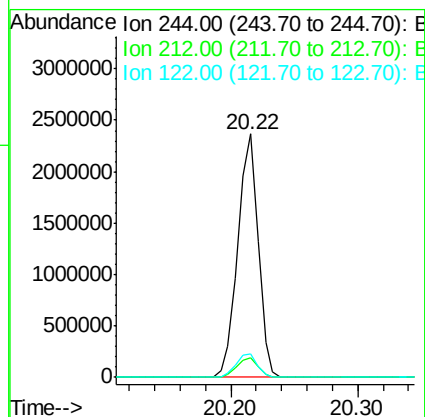
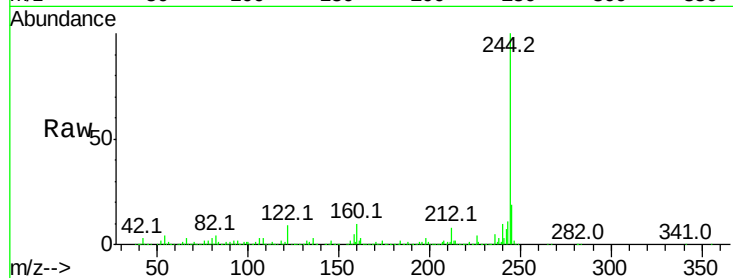




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.22 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BM015822.D
 Acq: 07 Jul 2018 03:37

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BL

Tot Ion:244 Resp: 2611158
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 9.5 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.16 min Scan# 3549
 Delta R.T. -0.01 min
 Lab File: BM015822.D
 Acq: 07 Jul 2018 03:37

Tgt Ion:264 Resp: 308494
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 27.8
 265 22.2 17.3 25.9

