

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015792.D
 Acq On : 06 Jul 2018 08:57
 Operator : SJ/JU
 Sample : PB110755BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110755BL

Quant Time: Jul 06 11:24:44 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	8.31	152	121077	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	455964	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	247151	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	526028	20.00	ng	0.00
75) Chrysene-d12	21.76	240	366823	20.00	ng	0.00
86) Perylene-d12	24.17	264	307667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	1047066	148.31	ng	0.00
7) Phenol-d6	7.46	99	1321376	136.71	ng	0.00
23) Nitrobenzene-d5	9.50	82	875756	93.71	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	463673	143.58	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	1875646	94.22	ng	0.00
78) Terphenyl-d14	20.22	244	2333061	117.97	ng	0.00

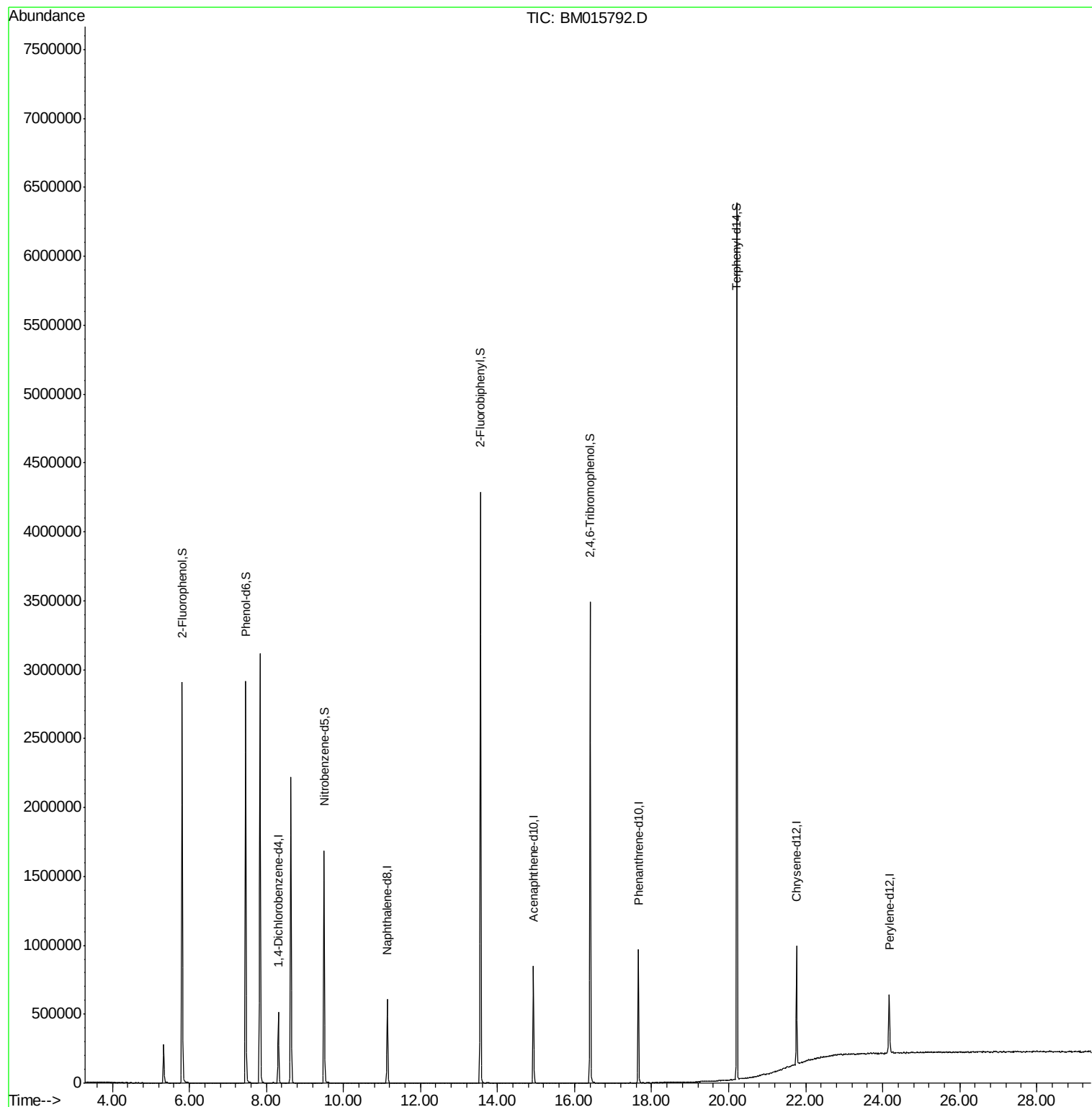
Target Compounds Qvalue

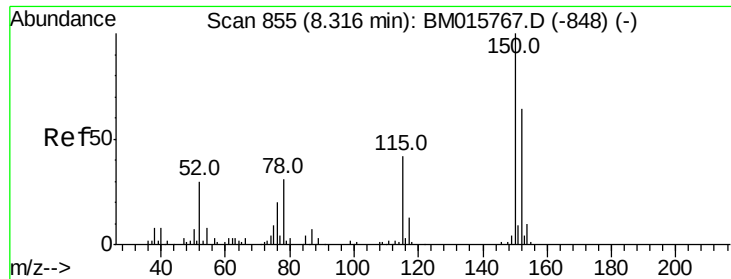
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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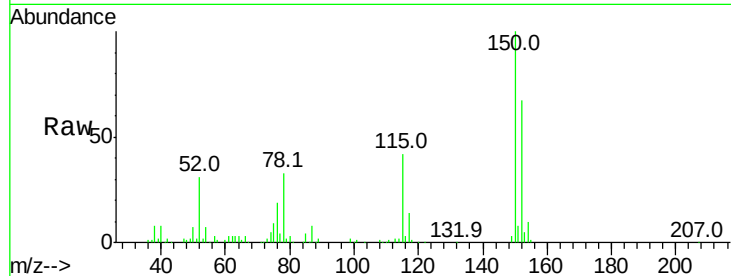


#1

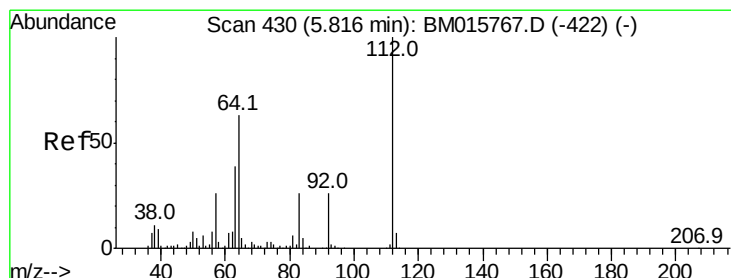
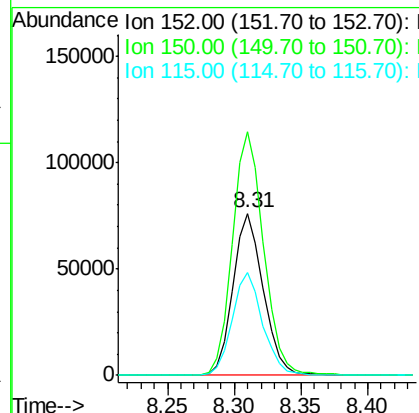
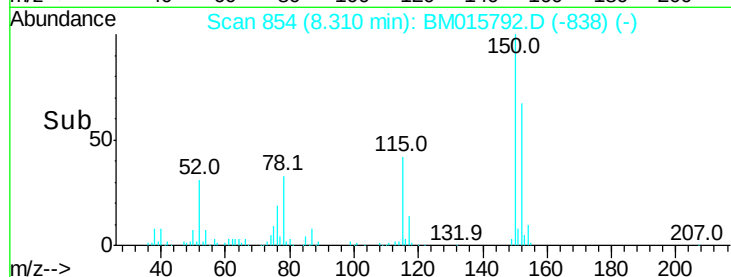
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015792.D
Acq: 06 Jul 2018 08:57

Instrument :
BNA_M
ClientSampleId :
PB110755BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	119.5	179.3
115	63.4	43.0	64.4



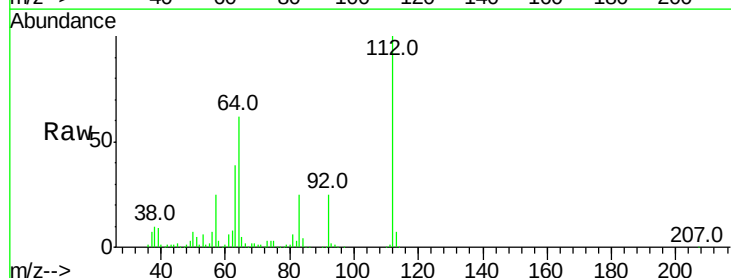
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



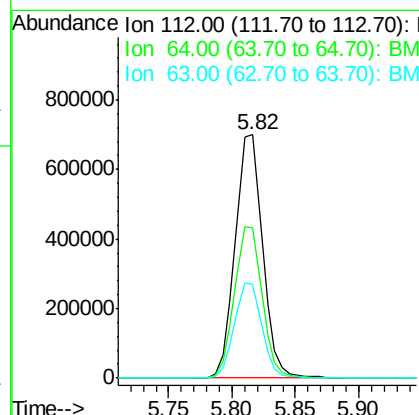
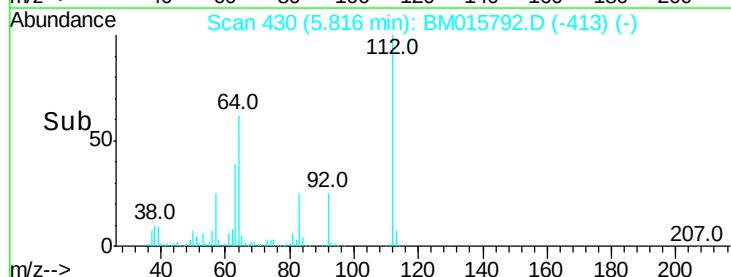
#5

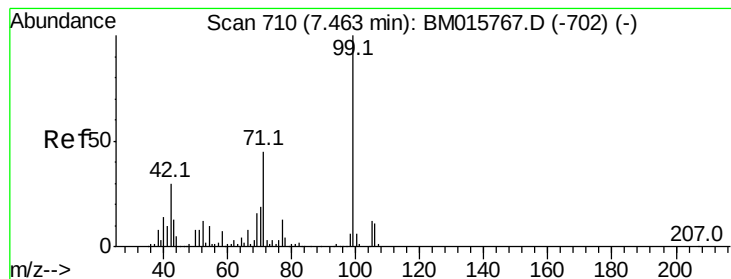
2-Fluorophenol
Concen: Below ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015792.D
Acq: 06 Jul 2018 08:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	38.6	57.8#
63	38.7	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: BM015792.D

Acq: 06 Jul 2018 08:57

Instrument :

BNA_M

ClientSampled :

PB110755BL

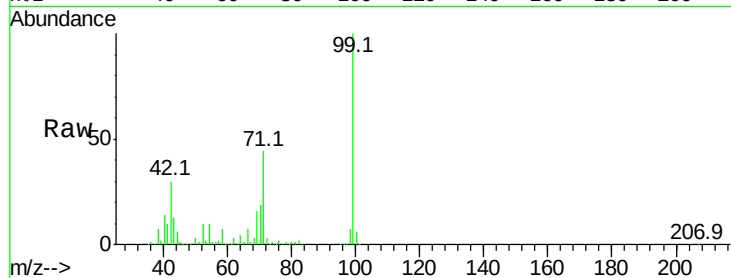
Tot Ion: 99 Resp: 1321376

Ion Ratio Lower Upper

99 100

42 30.2 11.0 16.4#

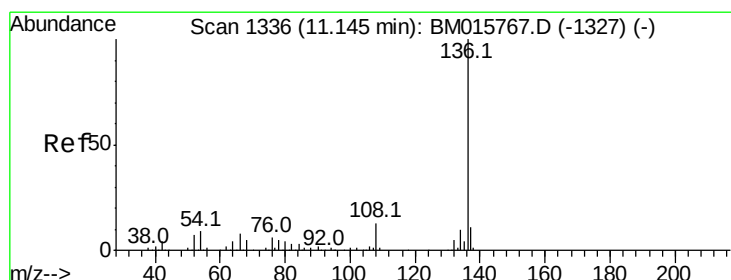
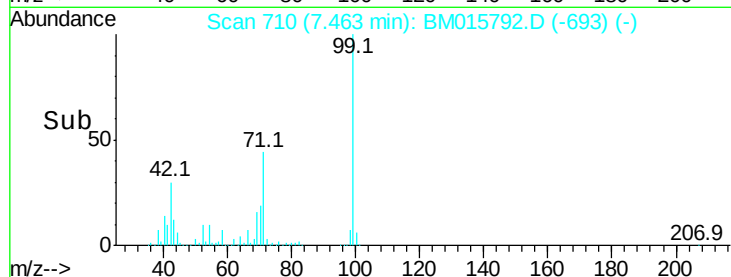
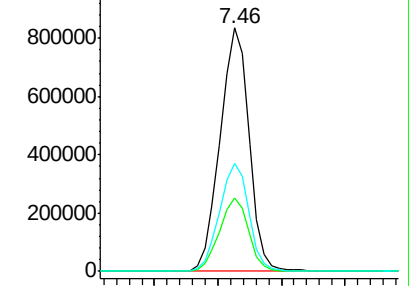
71 44.5 23.4 35.2#



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: 11.14 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM015792.D

Acq: 06 Jul 2018 08:57

Tgt Ion: 136 Resp: 455964

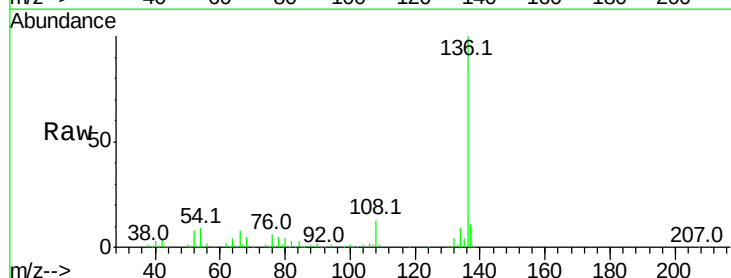
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.9 4.6 6.8#

68 4.6 3.7 5.5

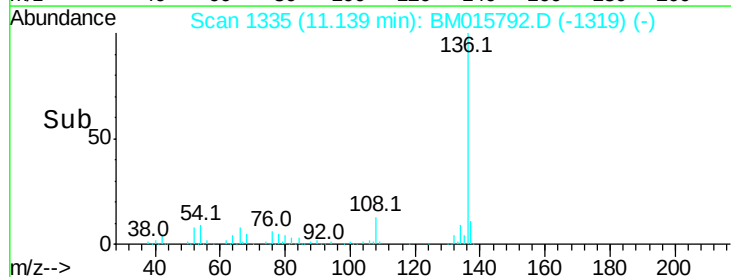
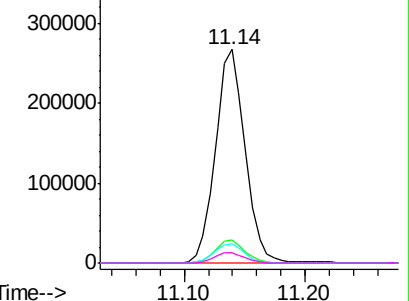


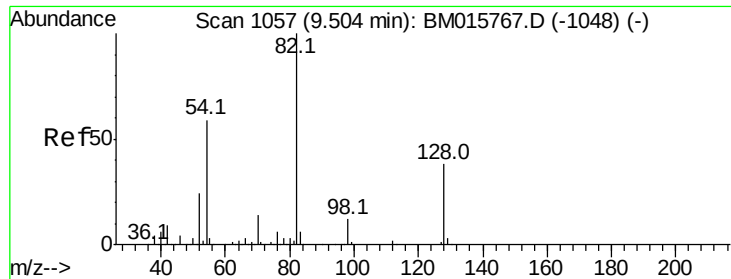
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

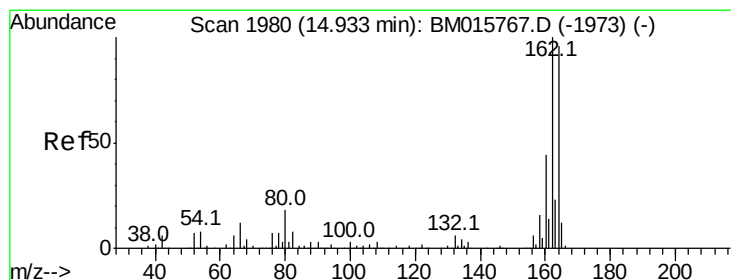
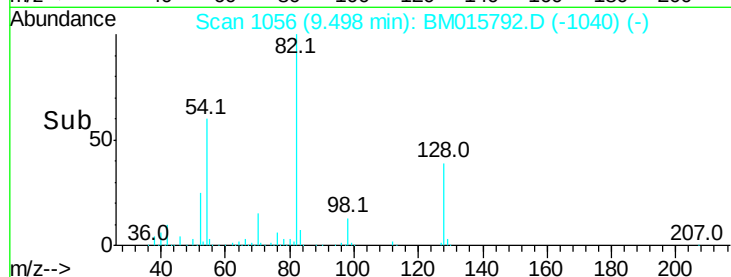
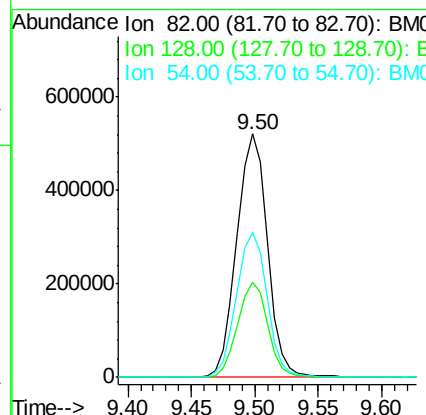
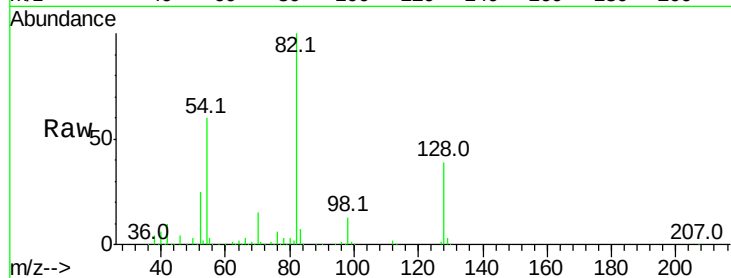




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015792.D
 Acq: 06 Jul 2018 08:57

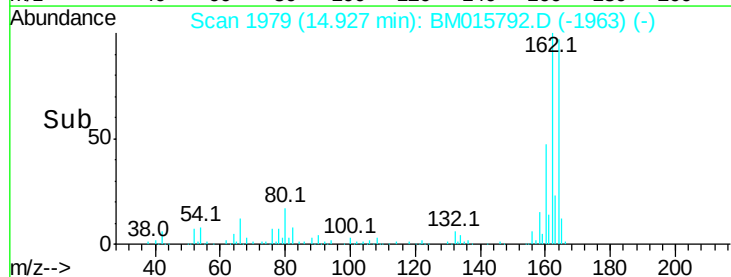
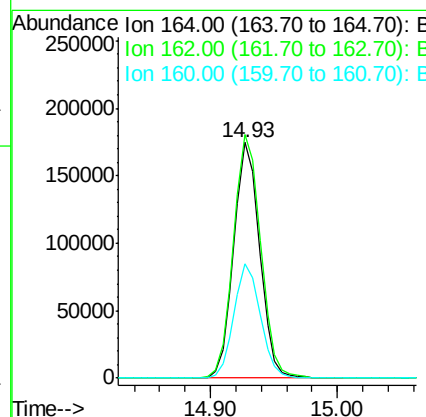
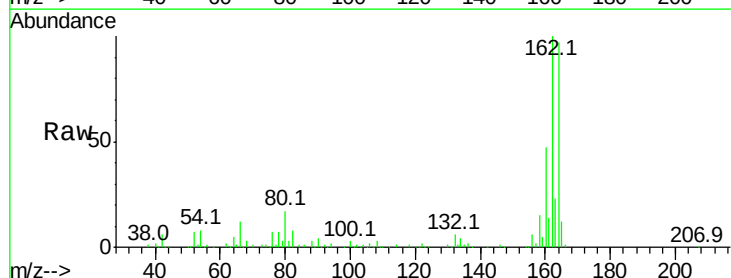
Instrument :
 BNA_M
 ClientSampleId :
 PB110755BL

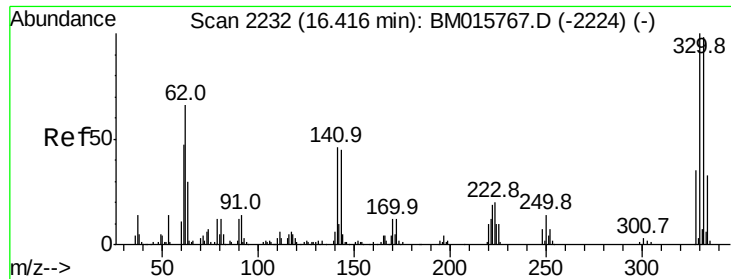
Tot Ion: 82 Resp: 875756
 Ion Ratio Lower Upper
 82 100
 128 39.1 32.8 49.2
 54 59.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BM015792.D
 Acq: 06 Jul 2018 08:57

Tgt Ion: 164 Resp: 247151
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.4 123.6
 160 48.3 35.8 53.6

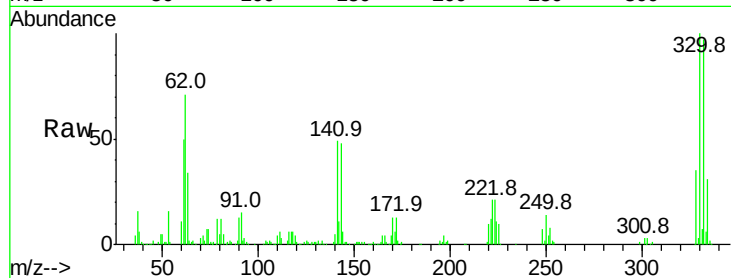




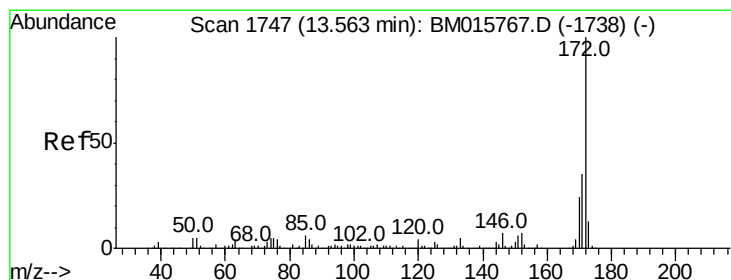
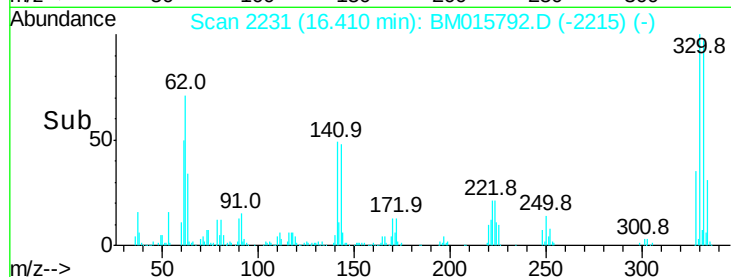
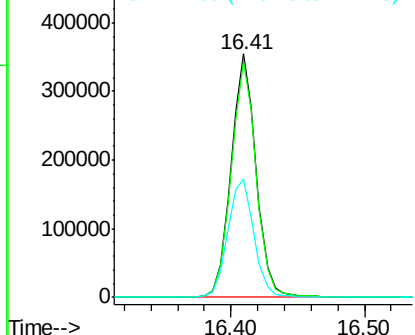
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015792.D
 Acq: 06 Jul 2018 08:57

Instrument :
 BNA_M
 ClientSampleId :
 PB110755BL

Tot Ion:330 Resp: 463673
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 51.1 0.0 0.0#

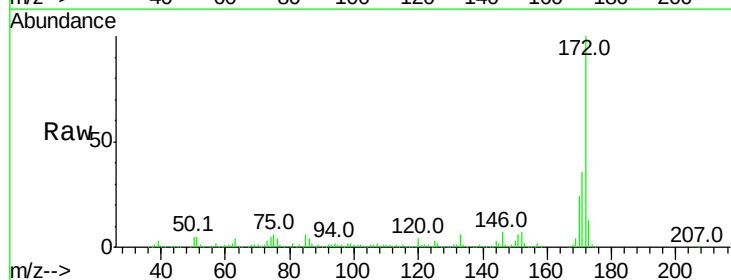


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

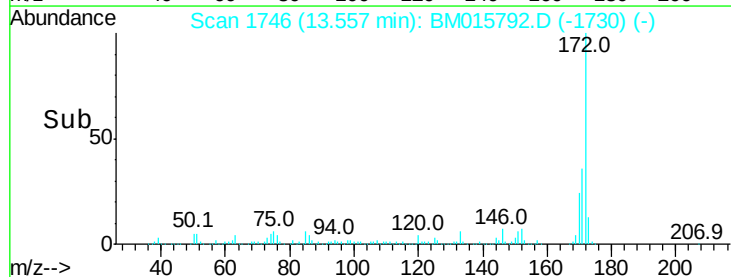
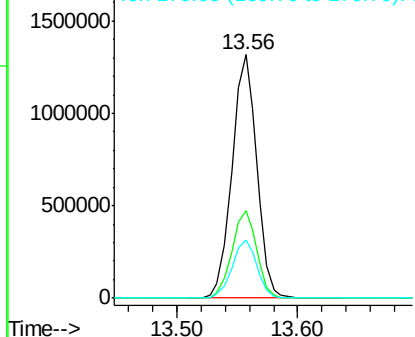


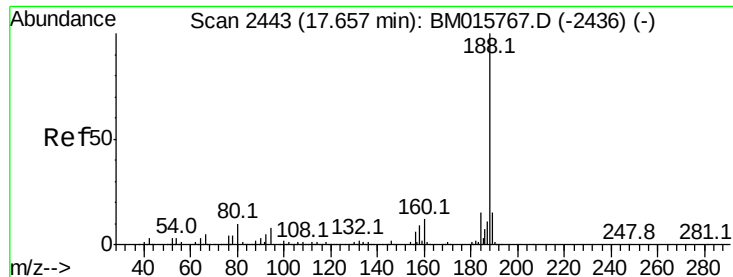
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015792.D
 Acq: 06 Jul 2018 08:57

Tgt Ion:172 Resp: 1875646
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.0 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: 17.66 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BM015792.D

Acq: 06 Jul 2018 08:57

Instrument :

BNA_M

ClientSampleId :

PB110755BL

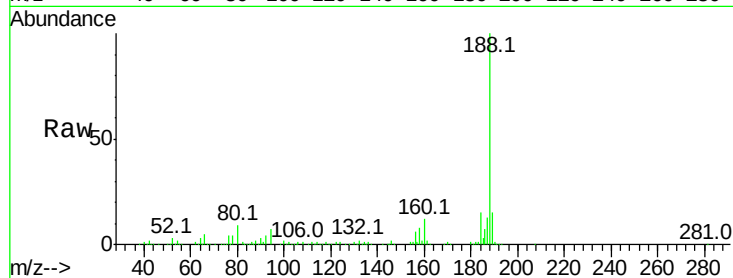
Tot Ion:188 Resp: 526028

Ion Ratio Lower Upper

188 100

94 7.3 8.7 13.1#

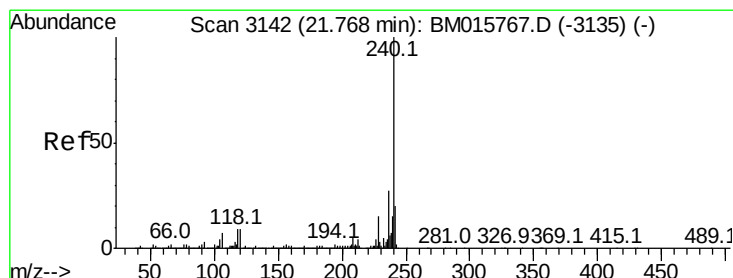
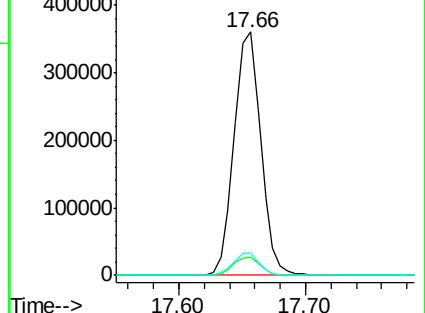
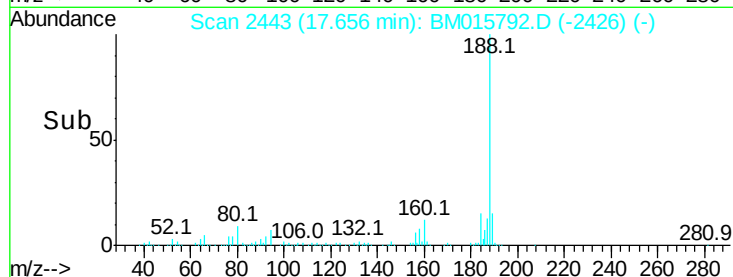
80 9.0 9.3 13.9#



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: 21.76 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM015792.D

Acq: 06 Jul 2018 08:57

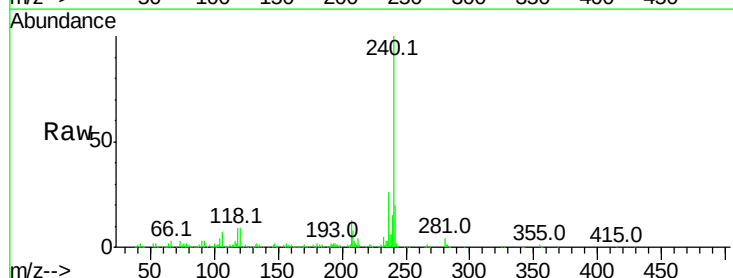
Tgt Ion:240 Resp: 366823

Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

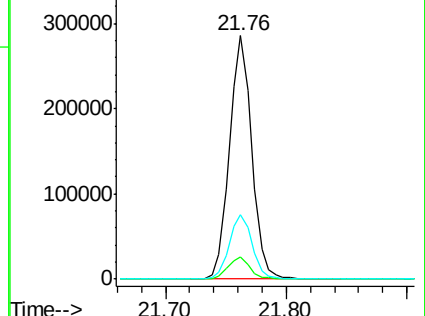
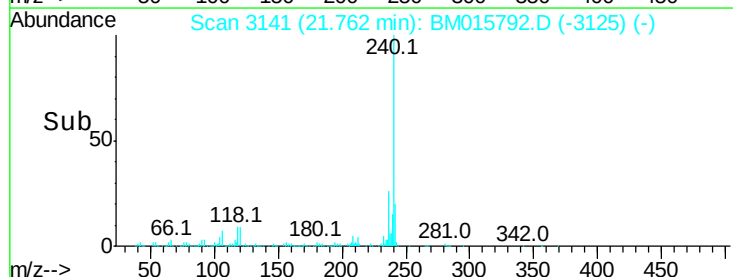
236 26.2 20.0 30.0

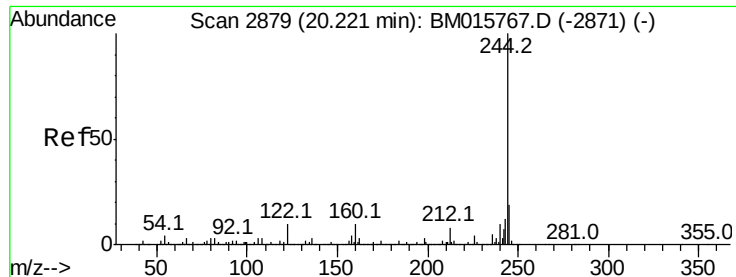


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: Below na

RT: 20.22 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BM015792.D

Acq: 06 Jul 2018 08:57

Instrument :

BNA_M

ClientSampled :

PB110755BL

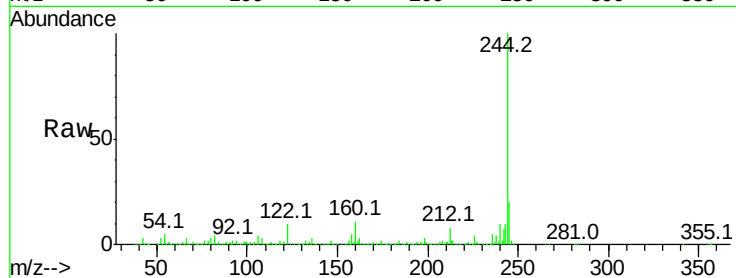
Tot Ion:244 Resp: 2333061

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

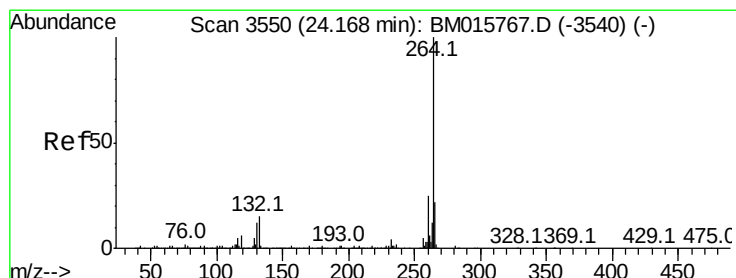
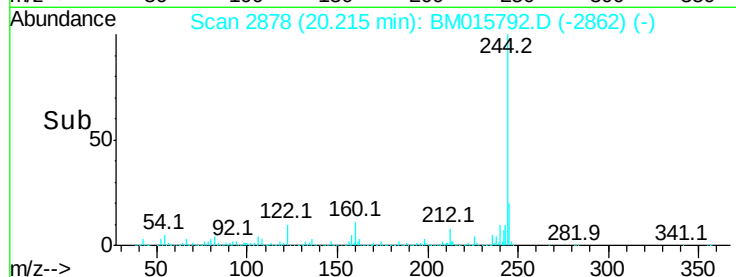
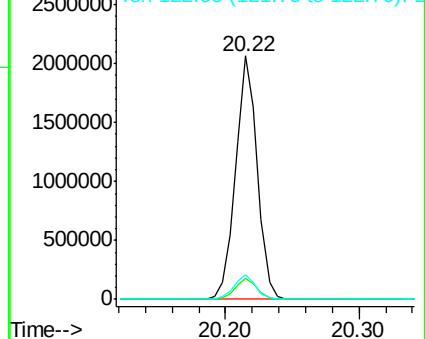
122 10.0 6.2 9.4#



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: 24.17 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BM015792.D

Acq: 06 Jul 2018 08:57

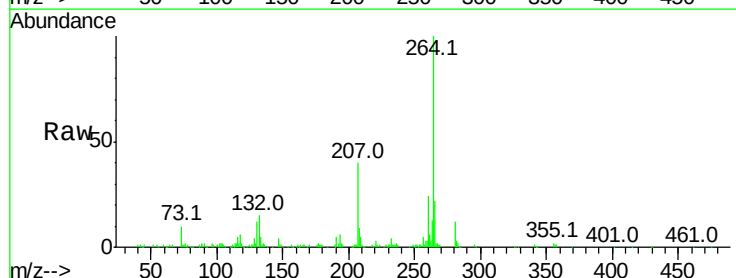
Tgt Ion:264 Resp: 307667

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 22.3 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

