

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011035.D
 Acq On : 28 Jul 2017 10:48
 Operator : SJ/JU
 Sample : I4424-06RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-072417-BRE

Quant Time: Jul 28 14:51:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	180202	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	643355	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	276076	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	806681	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	504383	20.00	ng	0.00
86) Perylene-d12	23.13	264	23963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1309332	122.83	ng	0.00
7) Phenol-d6	6.59	99	1420505	93.79	ng	0.00
23) Nitrobenzene-d5	8.53	82	1527159	89.09	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	731992	165.42	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2721762	123.64	ng	-0.01
78) Terphenyl-d14	19.47	244	3022867	118.72	ng	0.00

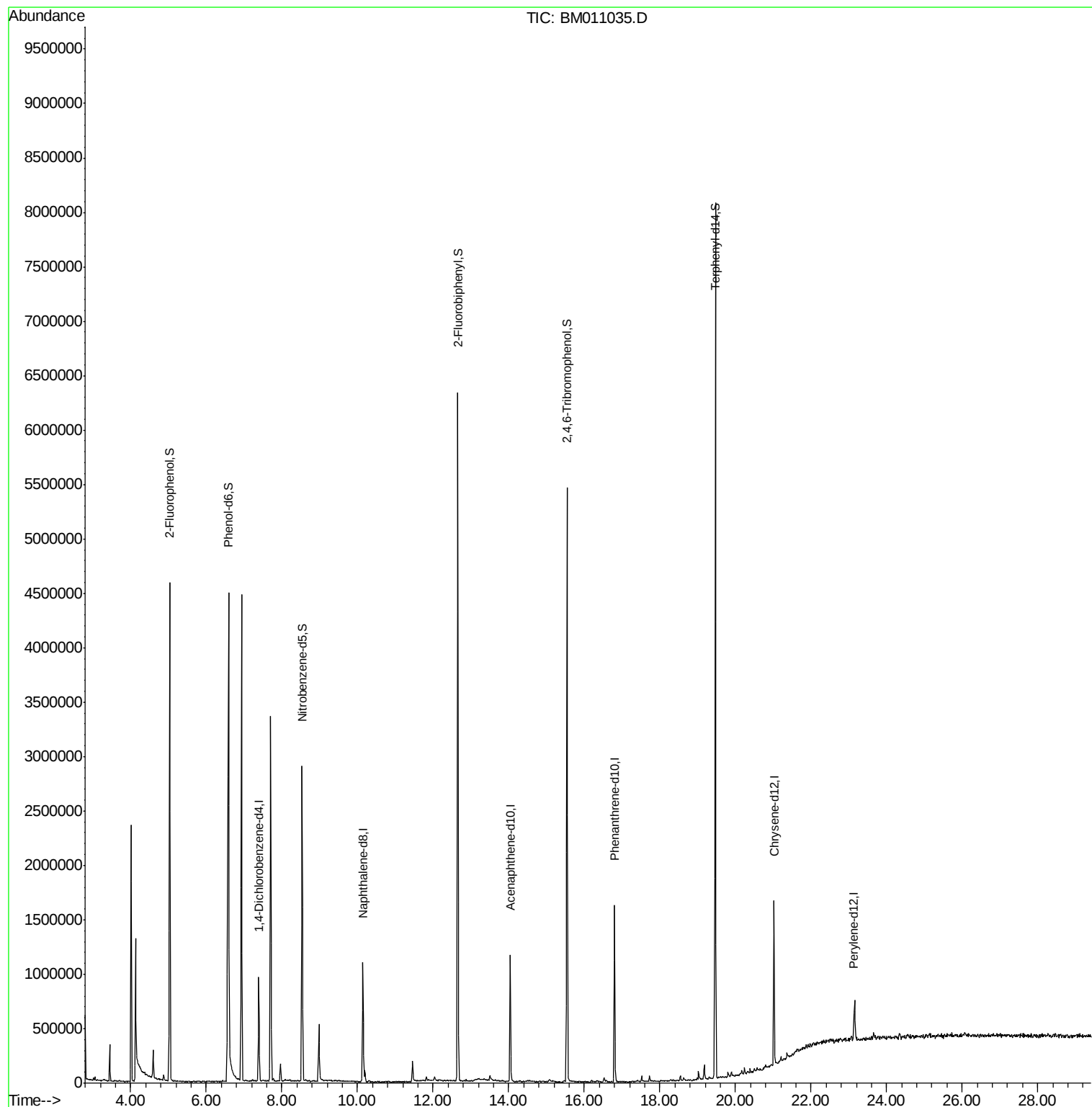
Target Compounds Qvalue

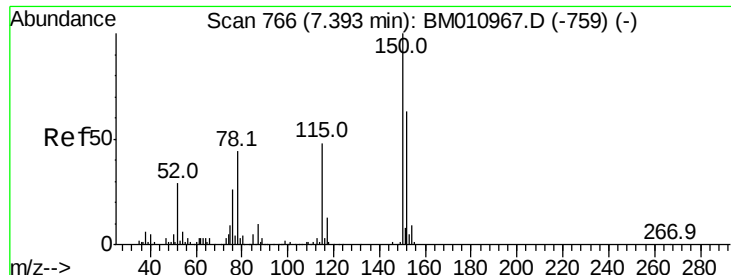
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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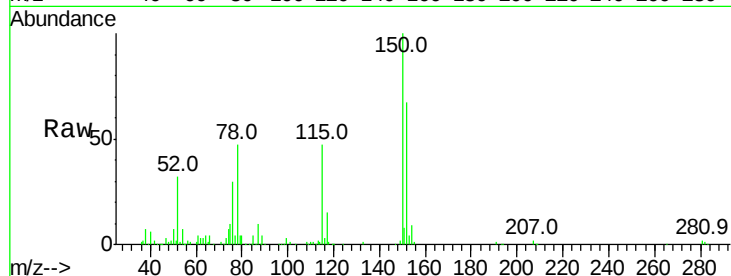


#1

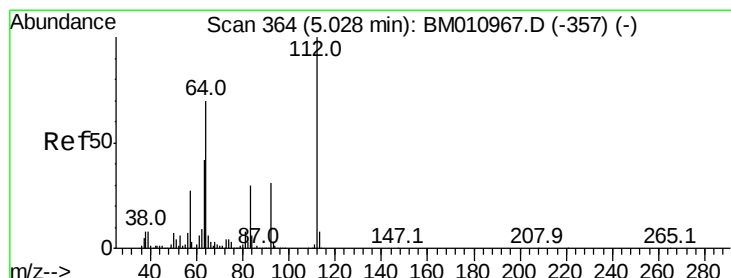
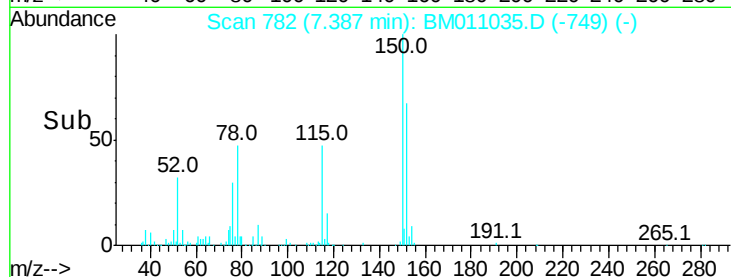
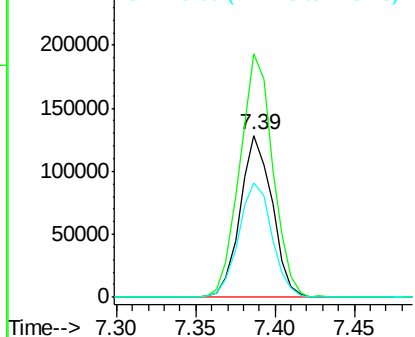
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011035.D
Acq: 28 Jul 2017 10:48

Instrument :
BNA_M
ClientSampleId :
AU-06-072417-BRE

Tot Ion:152 Resp: 180202
Ion Ratio Lower Upper
152 100
150 150.3 119.5 179.3
115 70.9 43.0 64.4#



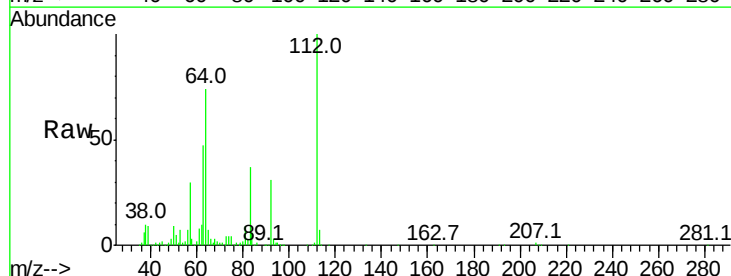
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



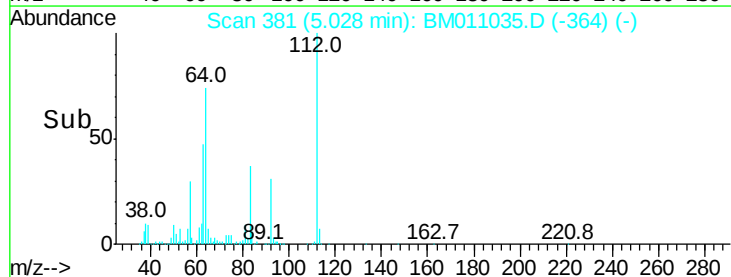
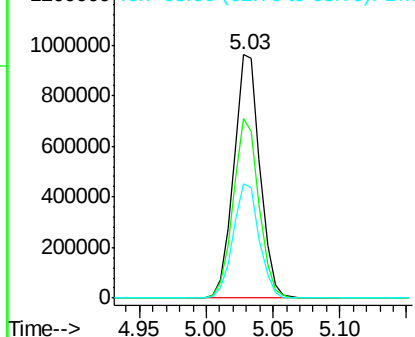
#5

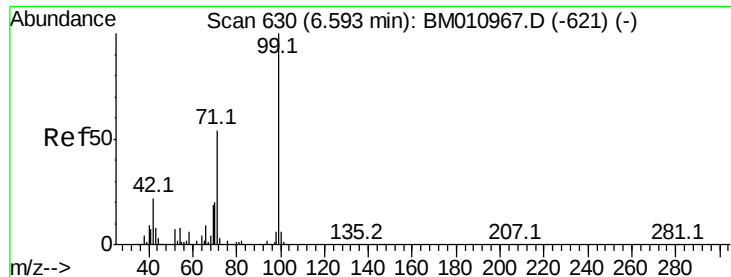
2-Fluorophenol
Concen: 122.826 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011035.D
Acq: 28 Jul 2017 10:48

Tgt Ion:112 Resp: 1309332
Ion Ratio Lower Upper
112 100
64 73.7 38.6 57.8#
63 47.1 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: 93.787 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011035.D

Acq: 28 Jul 2017 10:48

Instrument :

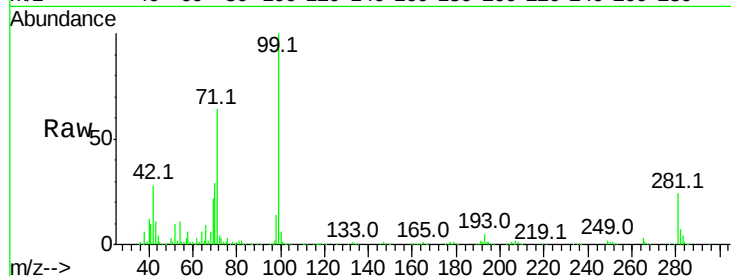
BNA_M

ClientSampleId :

AU-06-072417-BRE

Tot Ion: 99 Resp: 1420505

Ion	Ratio	Lower	Upper
99	100		
42	28.2	11.0	16.4#
71	63.6	23.4	35.2#

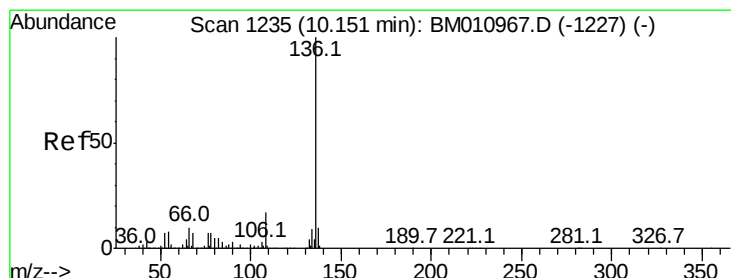
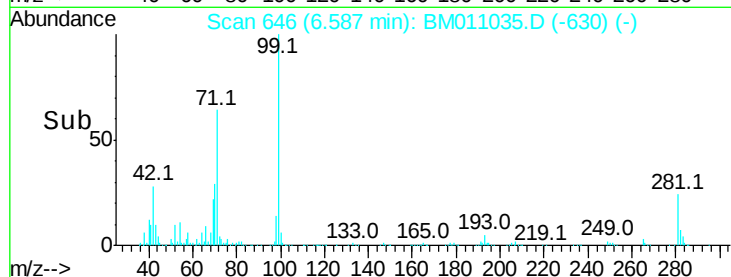
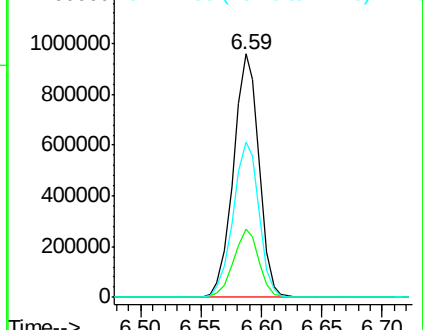


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

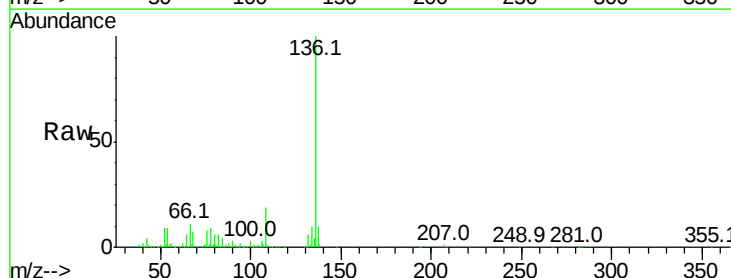
Delta R.T. -0.01 min

Lab File: BM011035.D

Acq: 28 Jul 2017 10:48

Tgt Ion: 136 Resp: 643355

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	9.2	4.6	6.8#
68	6.8	3.7	5.5#



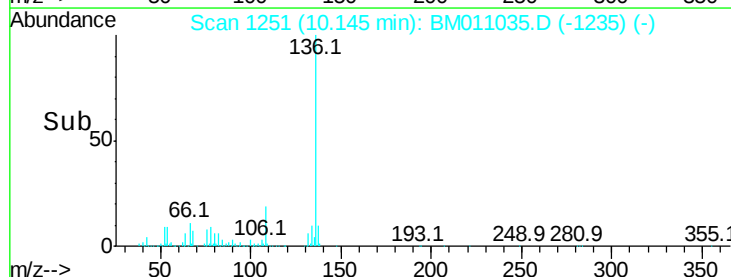
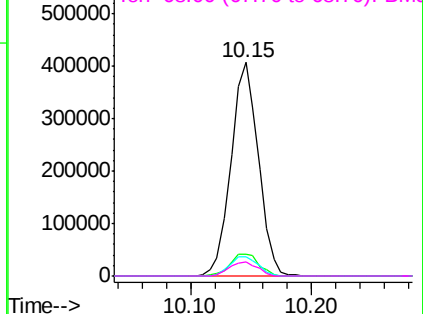
Abundance

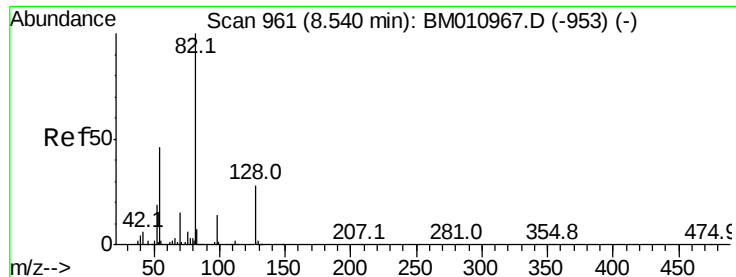
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 89.090 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011035.D

Acq: 28 Jul 2017 10:48

Instrument :

BNA_M

ClientSampleId :

AU-06-072417-BRE

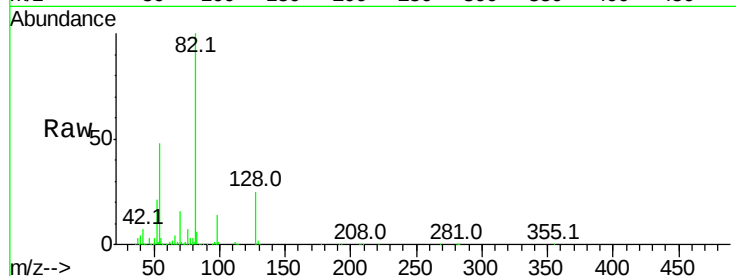
Tot Ion: 82 Resp: 1527159

Ion Ratio Lower Upper

82 100

128 24.9 32.8 49.2#

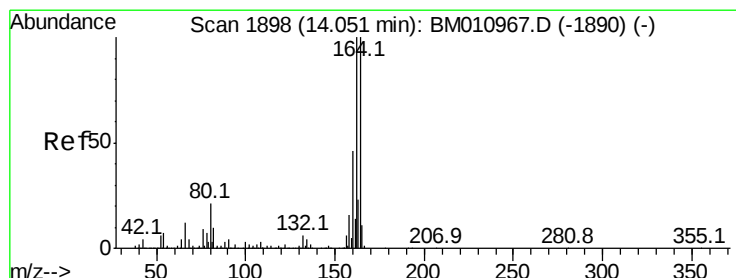
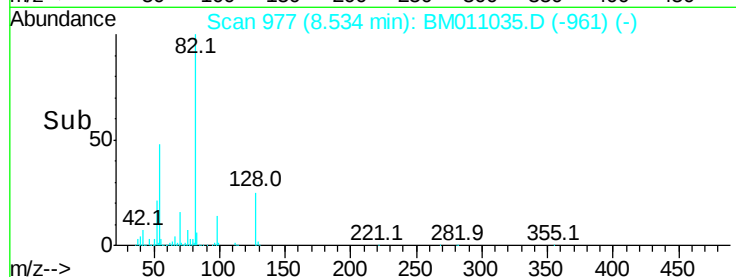
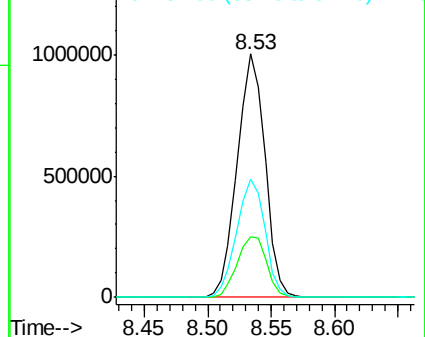
54 48.5 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011035.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011035.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011035.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.05 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM011035.D

Acq: 28 Jul 2017 10:48

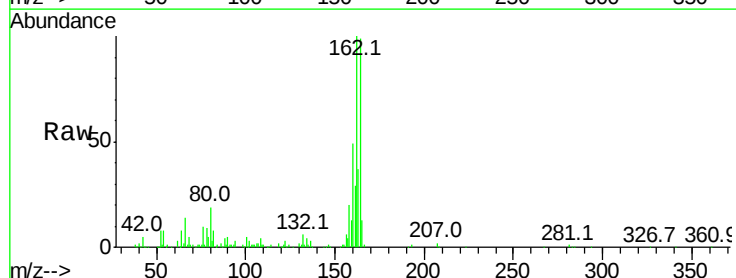
Tgt Ion: 164 Resp: 276076

Ion Ratio Lower Upper

164 100

162 100.7 82.4 123.6

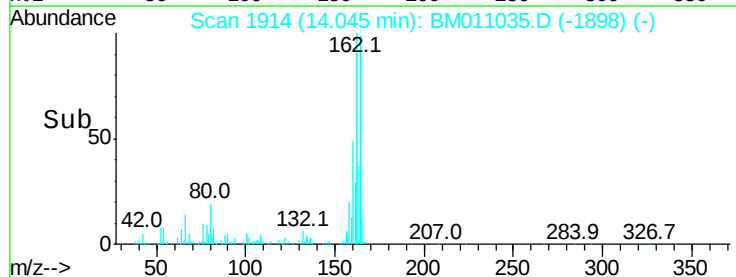
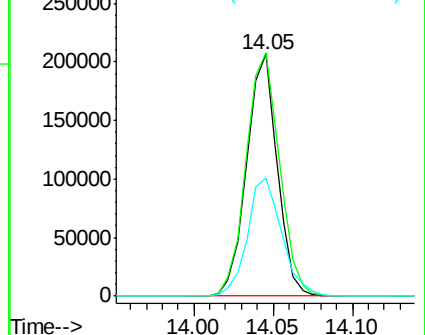
160 49.1 35.8 53.6

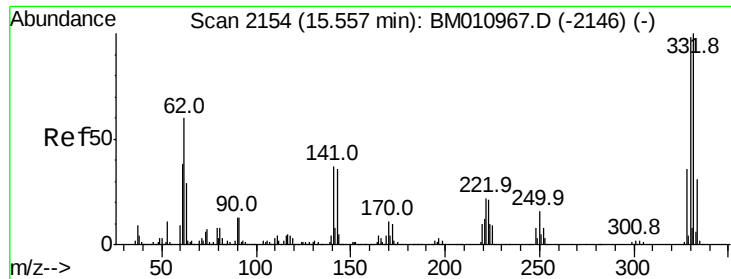


Abundance Ion 164.00 (163.70 to 164.70): BM011035.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011035.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011035.D (-1898) (-)





#41

2,4,6-Tribromophenol

Concen: 165.425 ng

RT: 15.54 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BM011035.D

Acq: 28 Jul 2017 10:48

Instrument :

BNA_M

ClientSampleId :

AU-06-072417-BRE

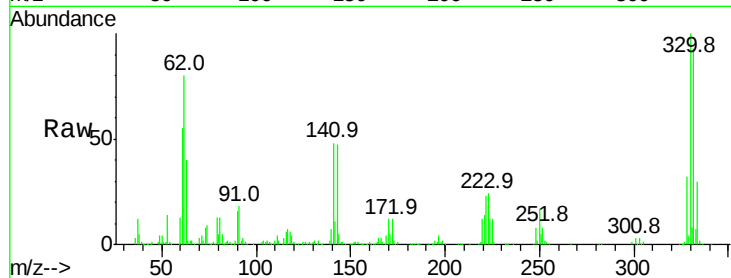
Tot Ion:330 Resp: 731992

Ion Ratio Lower Upper

330 100

332 93.3 0.0 0.0#

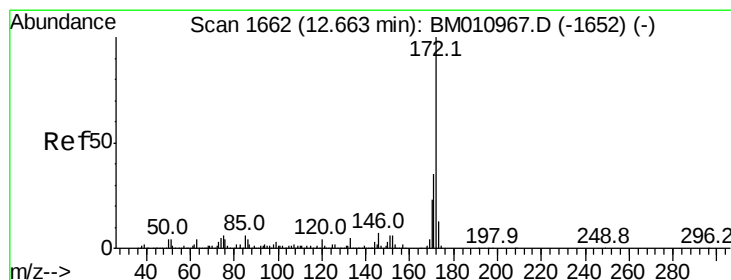
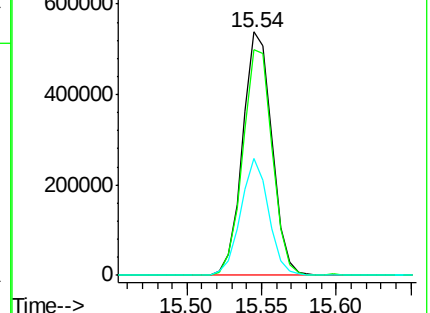
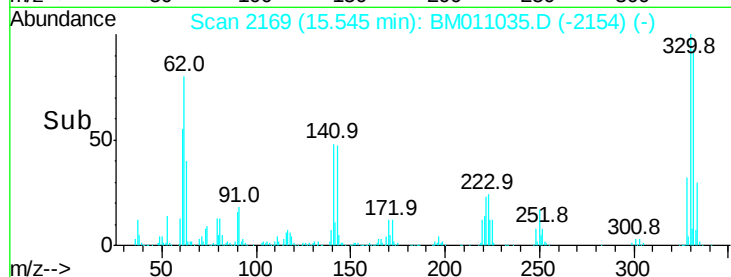
141 45.8 0.0 0.0#



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: 123.642 ng

RT: 12.65 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BM011035.D

Acq: 28 Jul 2017 10:48

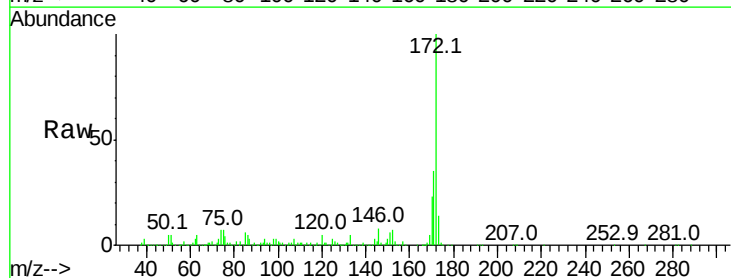
Tgt Ion:172 Resp: 2721762

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

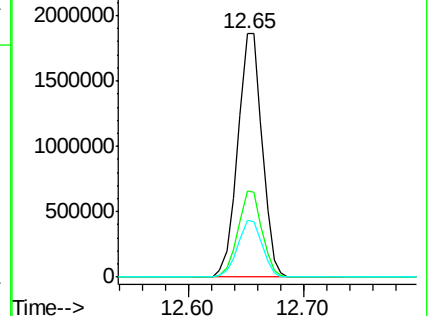
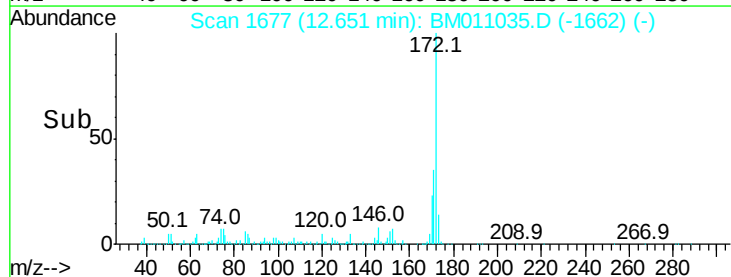
170 23.1 18.8 28.2

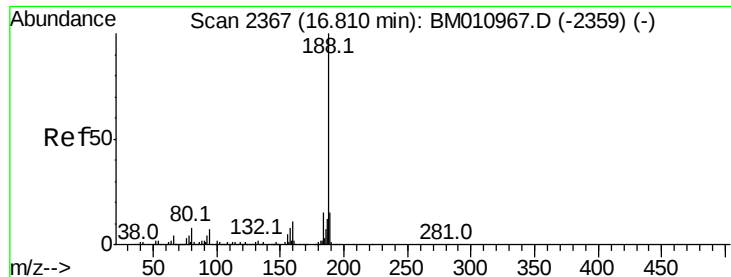


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

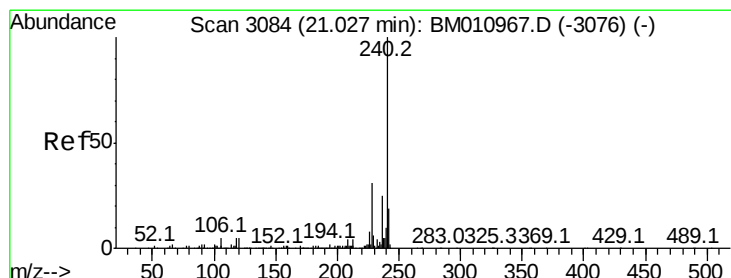
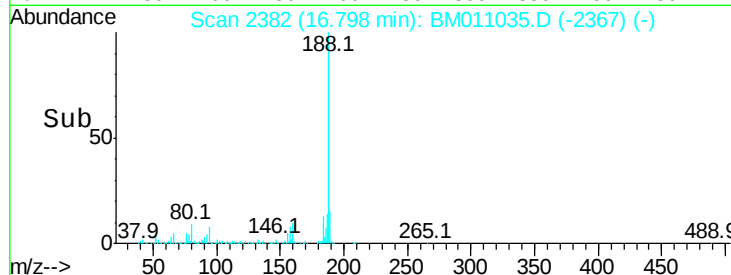
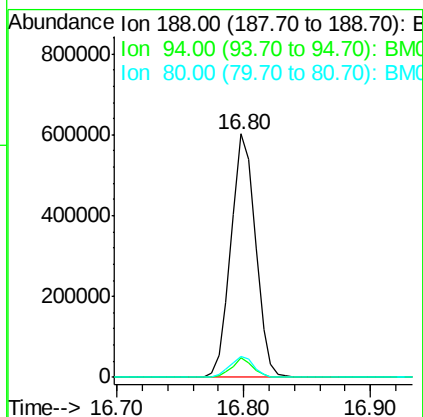
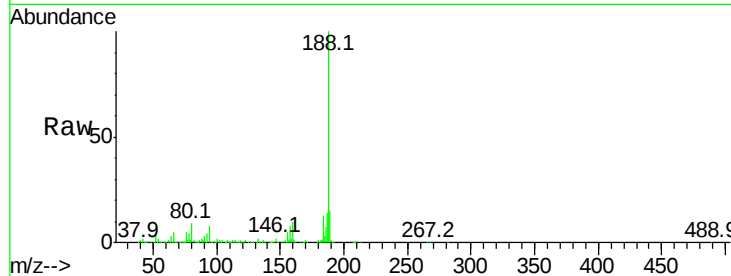




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011035.D
Acq: 28 Jul 2017 10:48

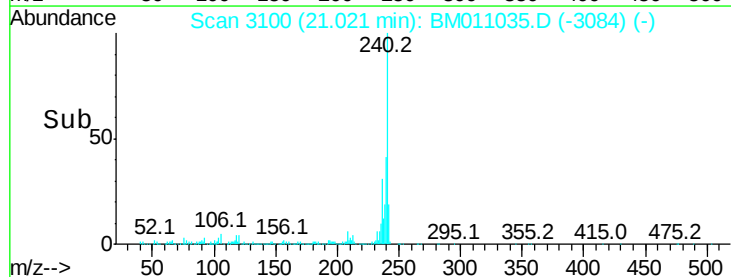
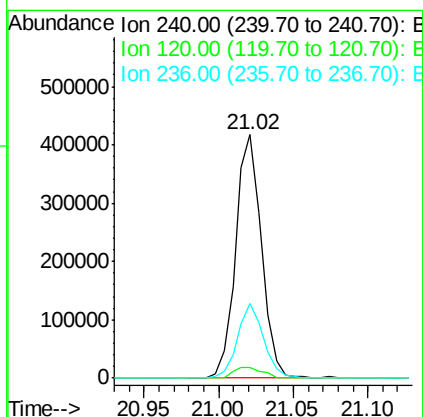
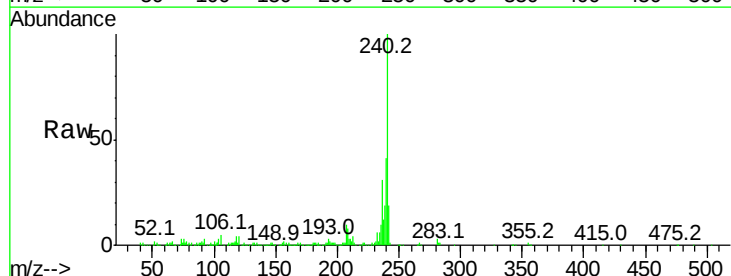
Instrument :
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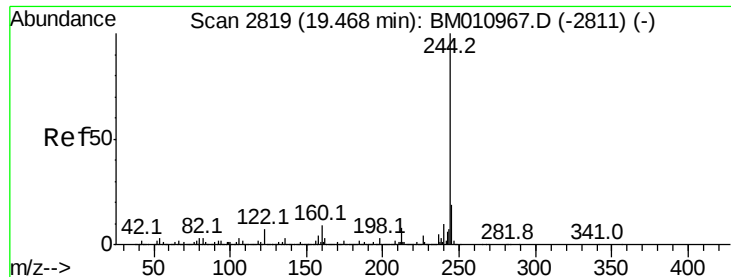
Tot Ion:188 Resp: 806681
Ion Ratio Lower Upper
188 100
94 8.2 8.7 13.1#
80 8.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011035.D
Acq: 28 Jul 2017 10:48

Tgt Ion:240 Resp: 504383
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 30.6 20.0 30.0#





#78

Terphenyl-d14

Concen: 118.718 ng

RT: 19.47 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BM011035.D

Acq: 28 Jul 2017 10:48

Instrument :

BNA_M

ClientSampleId :

AU-06-072417-BRE

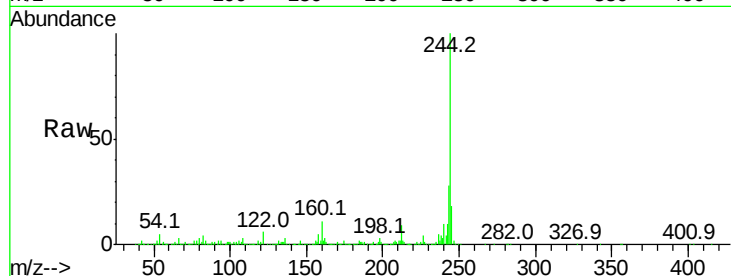
Tot Ion:244 Resp: 3022867

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

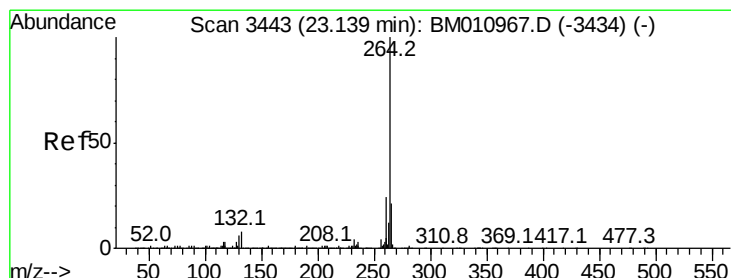
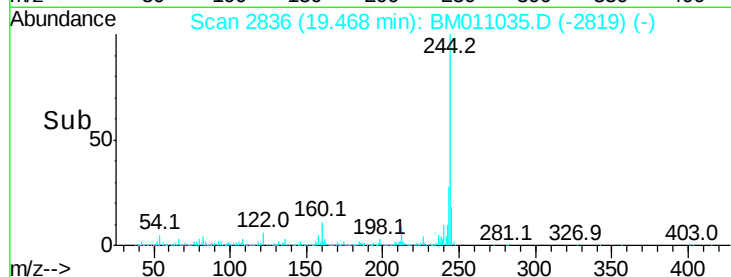
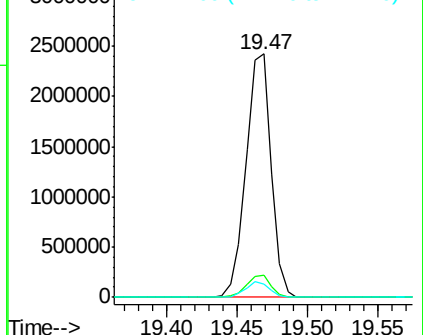
122 5.6 6.2 9.4#



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: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011035.D

Acq: 28 Jul 2017 10:48

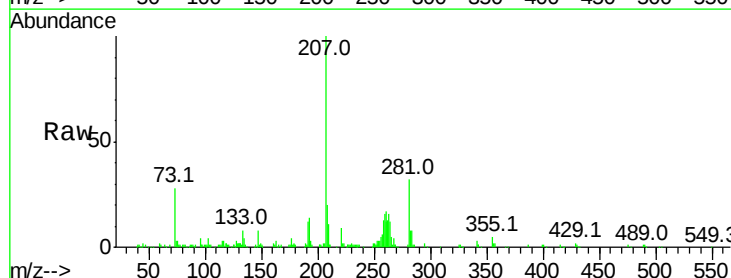
Tgt Ion:264 Resp: 23963

Ion Ratio Lower Upper

264 100

260 139.3 18.6 27.8#

265 39.6 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

