

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
 Data File : BM011252.D
 Acq On : 16 Aug 2017 11:44
 Operator : SJ/JU
 Sample : I4793-09RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-081417-CRE

Quant Time: Aug 16 14:42:20 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	124419	20.00	ng	0.00
21) Naphthalene-d8	10.04	136	403298	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	138163	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	426279	20.00	ng	0.00
75) Chrysene-d12	20.94	240	183075	20.00	ng	0.00
86) Perylene-d12	23.03	264	11327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	984708	133.79	ng	0.00
7) Phenol-d6	6.49	99	894451	85.53	ng	0.00
23) Nitrobenzene-d5	8.43	82	1256429	116.93	ng	0.00
41) 2,4,6-Tribromophenol	15.46	330	432055	195.11	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	1817292	164.96	ng	0.00
78) Terphenyl-d14	19.39	244	2024668	219.07	ng	0.00

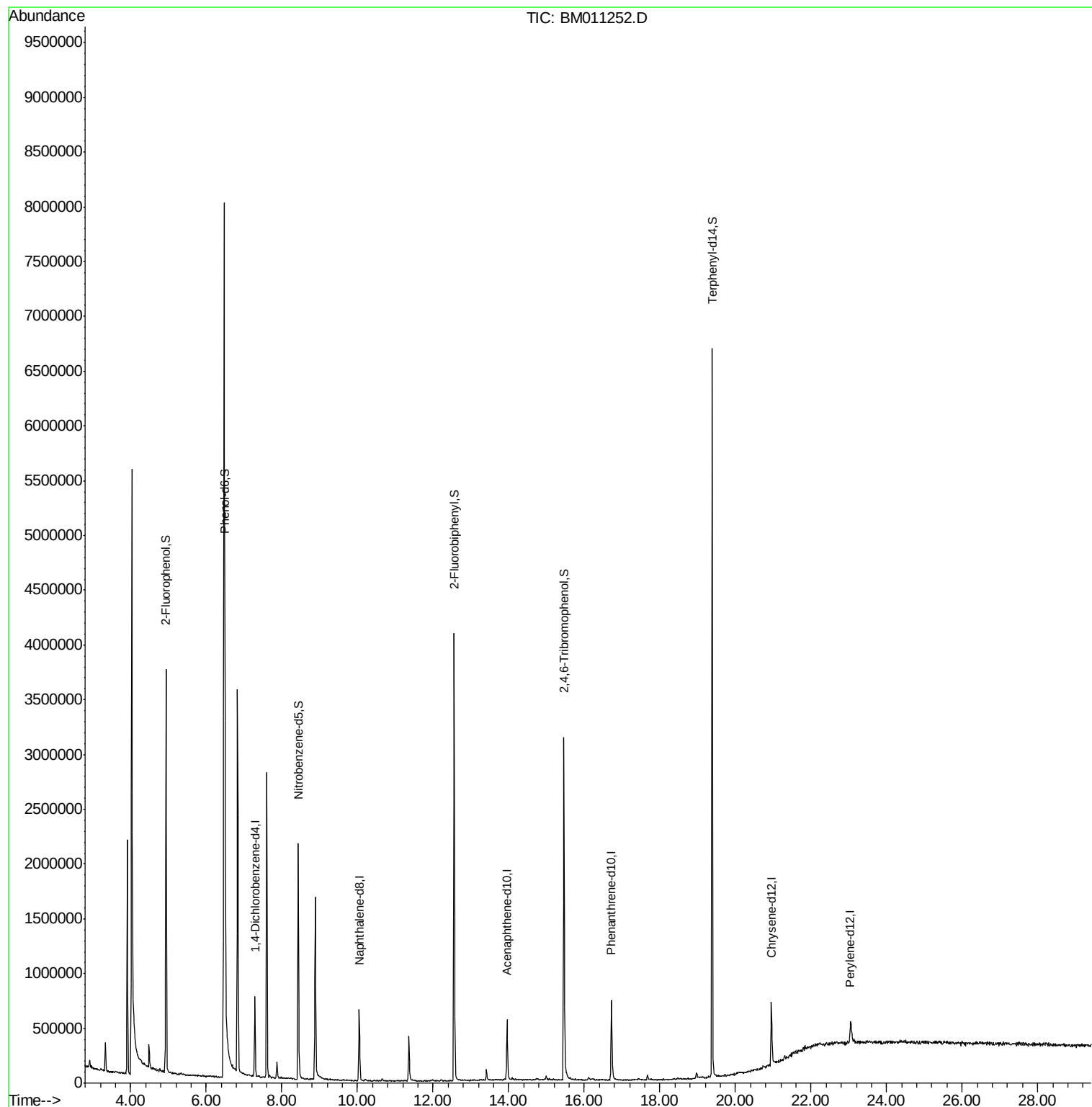
Target Compounds Qvalue

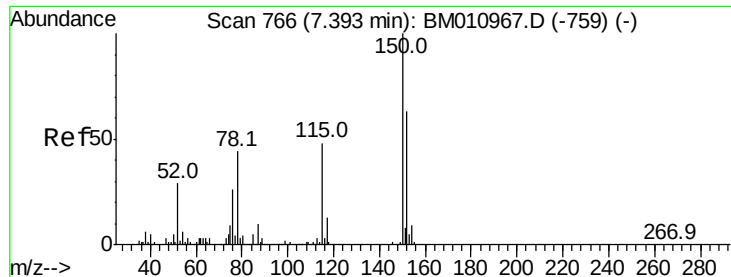
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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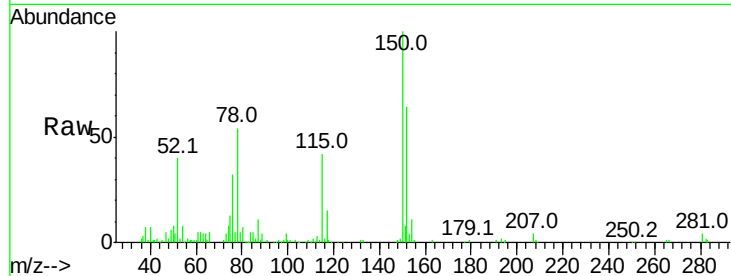


#1

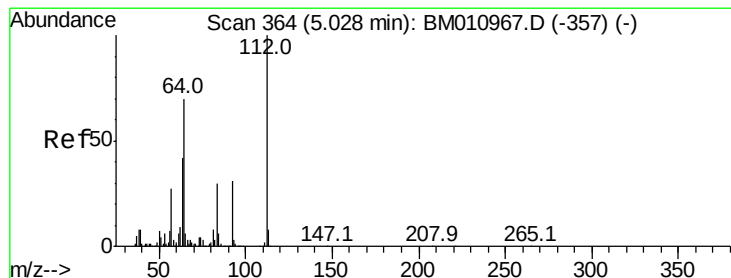
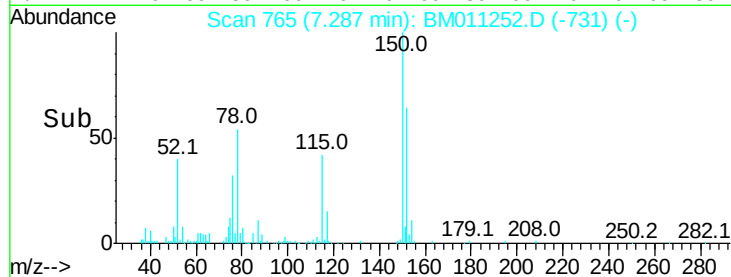
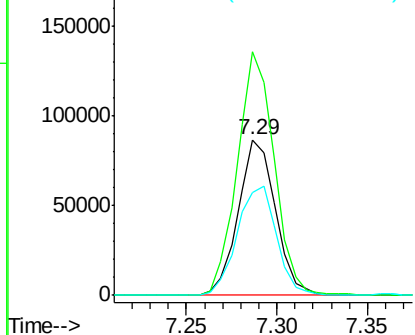
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 765
Delta R.T. 0.00 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Instrument :
BNA_M
ClientSampleId :
EO-02-081417-CRE

Tot Ion:152 Resp: 124419
Ion Ratio Lower Upper
152 100
150 156.2 119.5 179.3
115 66.3 43.0 64.4#



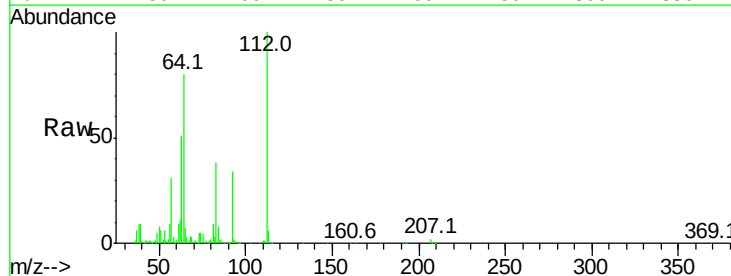
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



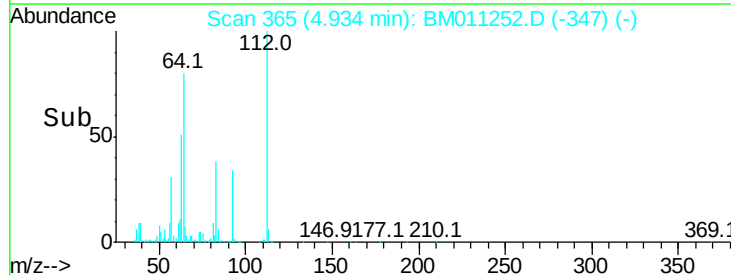
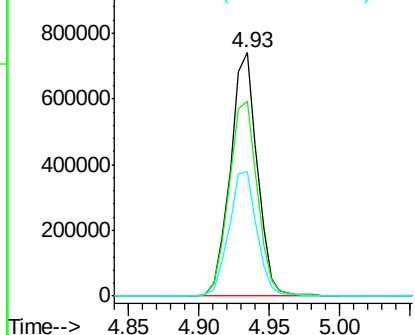
#5

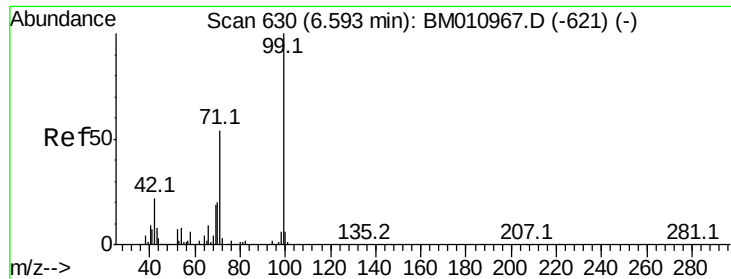
2-Fluorophenol
Concen: 133.789 ng
RT: 4.93 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Tgt Ion:112 Resp: 984708
Ion Ratio Lower Upper
112 100
64 80.2 38.6 57.8#
63 51.4 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: 85.533 ng

RT: 6.49 min Scan# 630

Delta R.T. 0.00 min

Lab File: BM011252.D

Acq: 16 Aug 2017 11:44

Instrument :

BNA_M

ClientSampleId :

EO-02-081417-CRE

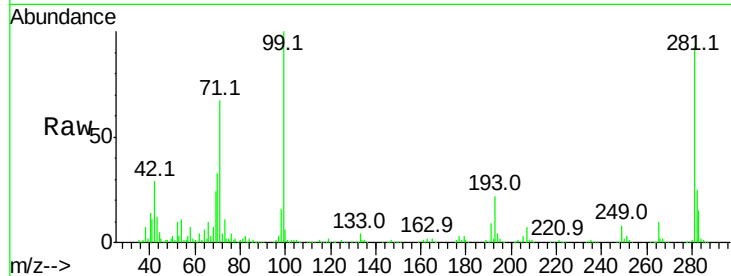
Tot Ion: 99 Resp: 894451

Ion Ratio Lower Upper

99 100

42 29.2 11.0 16.4#

71 67.4 23.4 35.2#

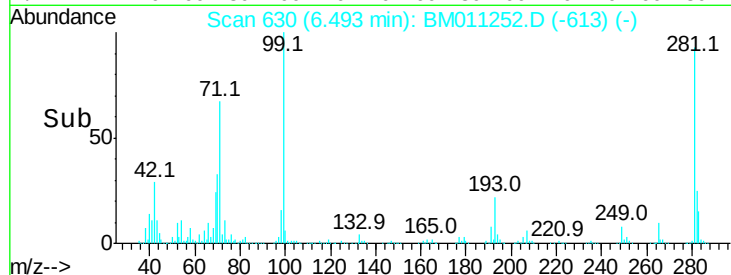


Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

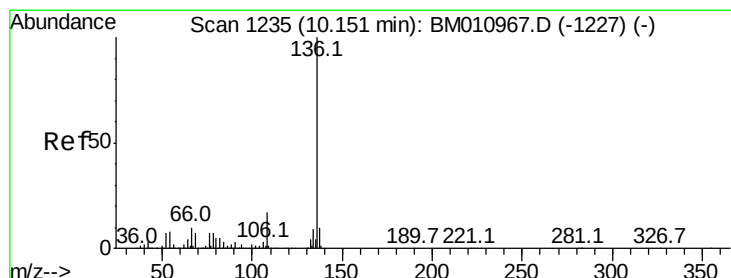
Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.04 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BM011252.D

Acq: 16 Aug 2017 11:44

Tgt Ion: 136 Resp: 403298

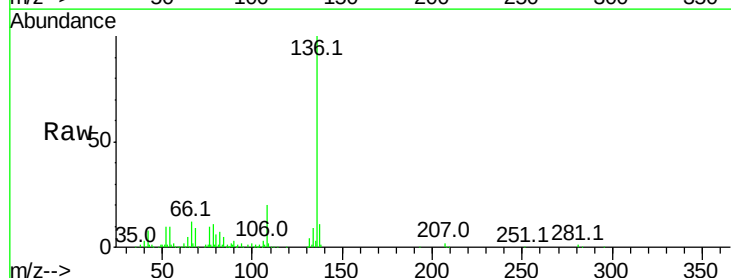
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.7 4.6 6.8#

68 8.9 3.7 5.5#



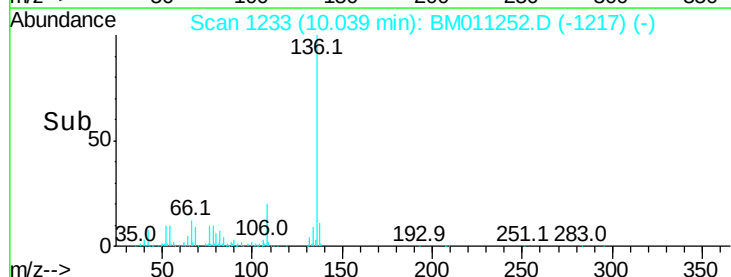
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

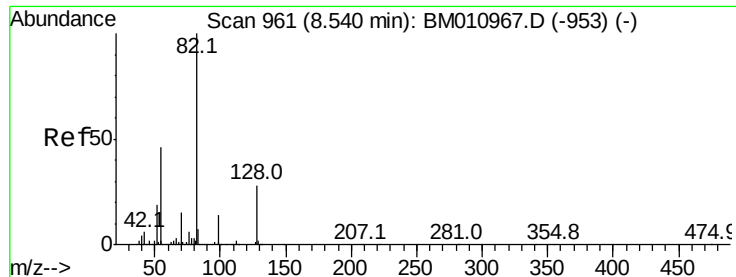
Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 116.925 ng

RT: 8.43 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM011252.D

Acq: 16 Aug 2017 11:44

Instrument :

BNA_M

ClientSampleId :

EO-02-081417-CRE

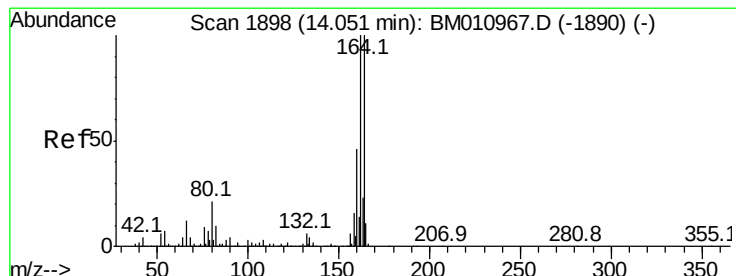
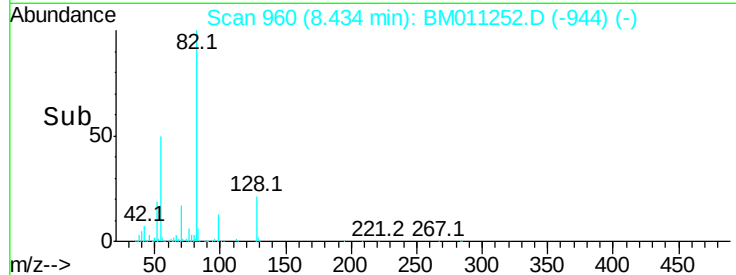
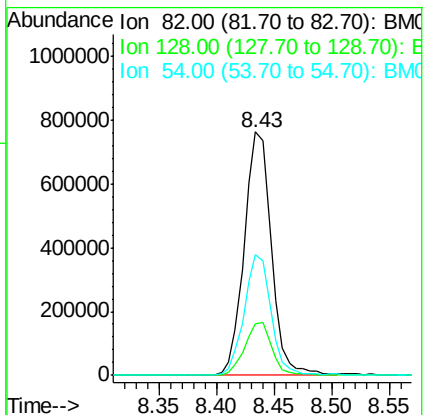
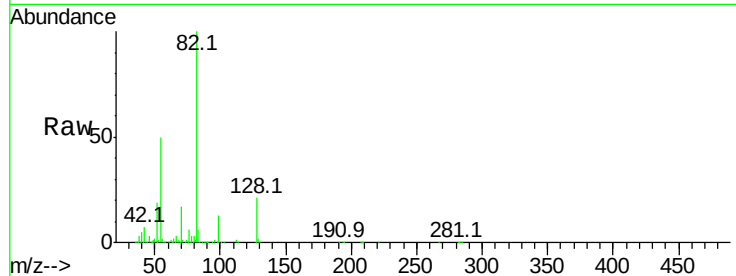
Tot Ion: 82 Resp: 1256429

Ion Ratio Lower Upper

82 100

128 21.4 32.8 49.2#

54 49.6 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM011252.D

Acq: 16 Aug 2017 11:44

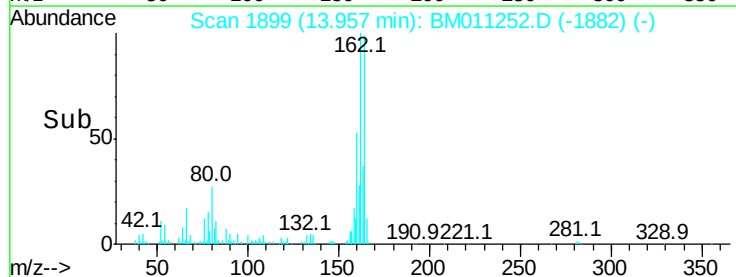
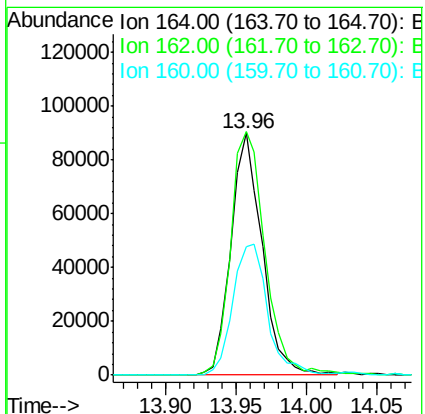
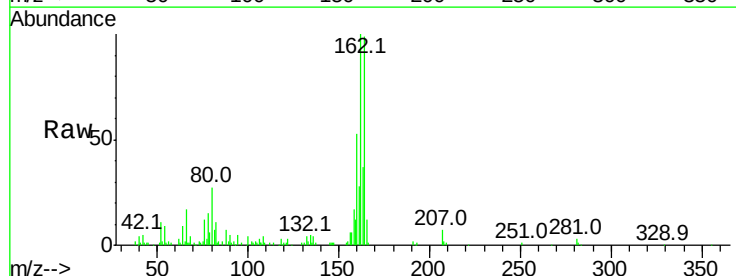
Tgt Ion:164 Resp: 138163

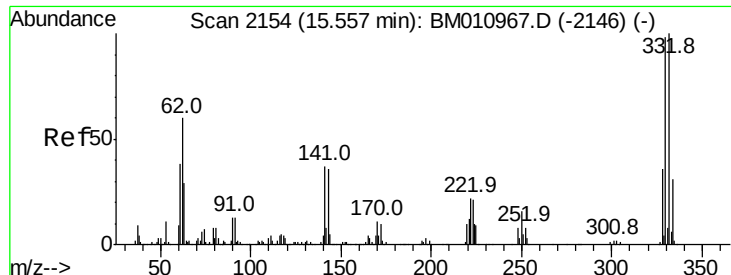
Ion Ratio Lower Upper

164 100

162 100.7 82.4 123.6

160 53.1 35.8 53.6

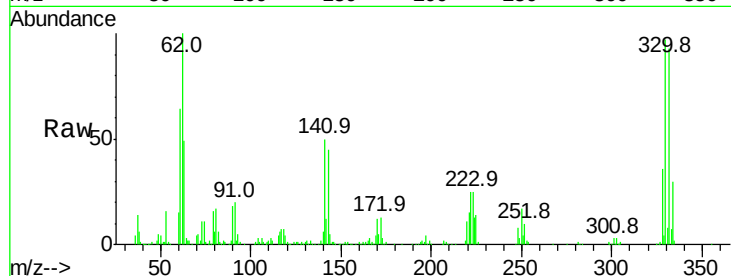




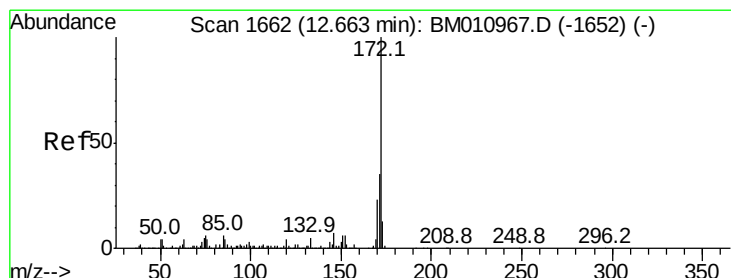
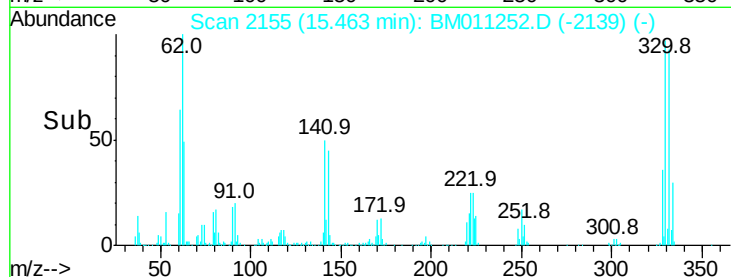
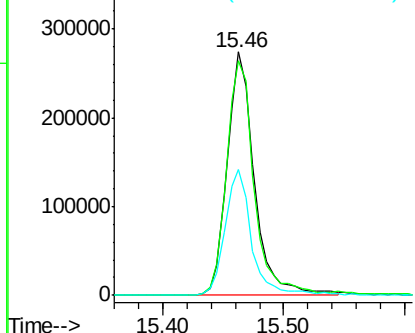
#41
 2,4,6-Tribromophenol
 Concen: 195.106 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM011252.D
 Acq: 16 Aug 2017 11:44

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-081417-CRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	49.6	0.0	0.0#

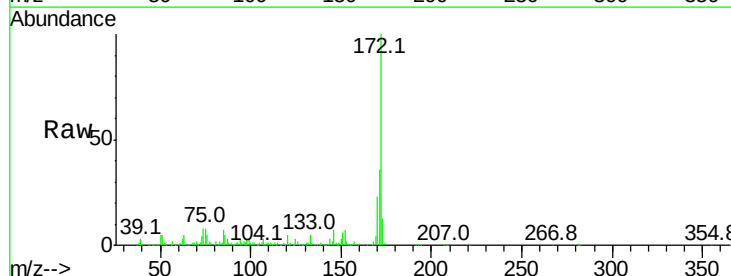


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

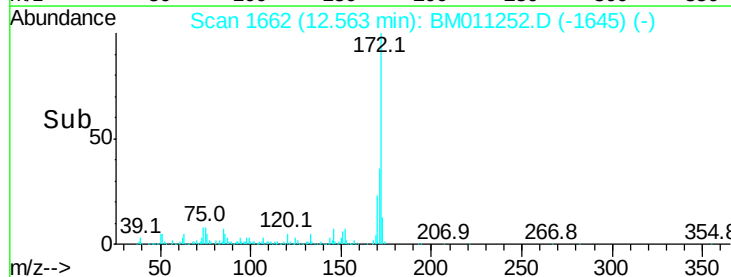
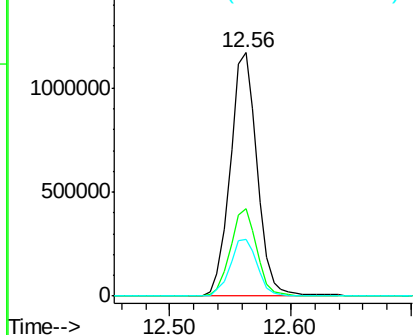


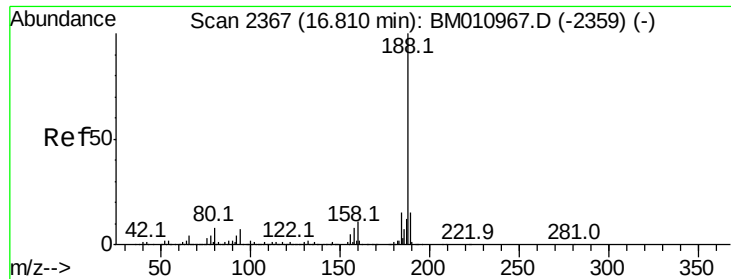
#44
 2-Fluorobiphenyl
 Concen: 164.960 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM011252.D
 Acq: 16 Aug 2017 11:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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: 16.72 min Scan# 2369

Delta R.T. 0.01 min

Lab File: BM011252.D

Acq: 16 Aug 2017 11:44

Instrument :

BNA_M

ClientSampleId :

EO-02-081417-CRE

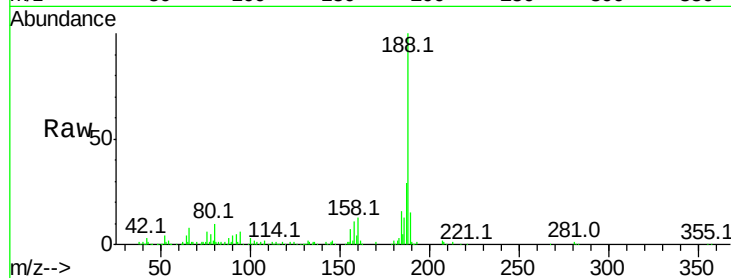
Tot Ion:188 Resp: 426279

Ion Ratio Lower Upper

188 100

94 6.3 8.7 13.1#

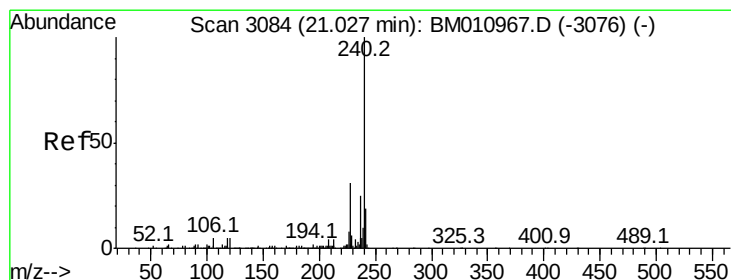
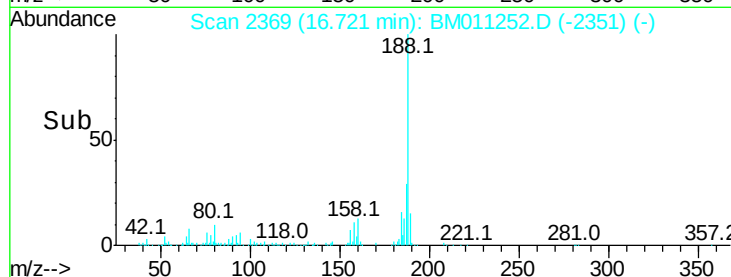
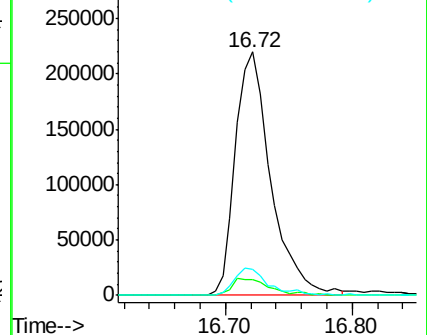
80 10.4 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.94 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM011252.D

Acq: 16 Aug 2017 11:44

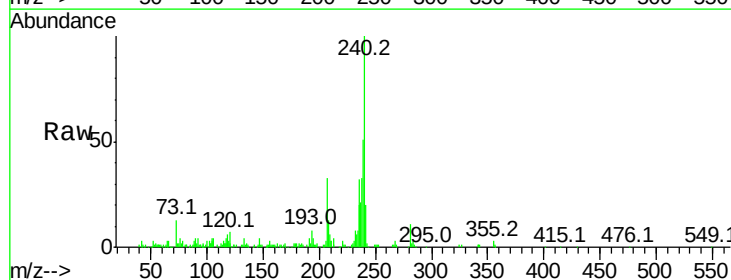
Tgt Ion:240 Resp: 183075

Ion Ratio Lower Upper

240 100

120 7.0 8.2 12.2#

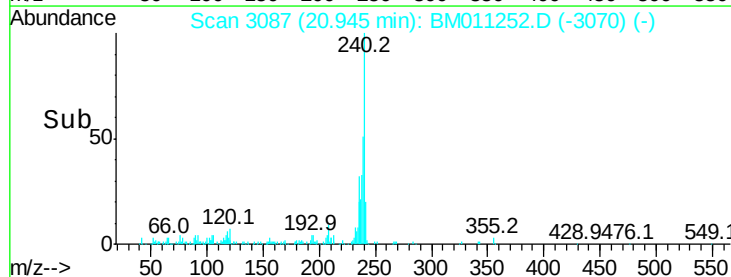
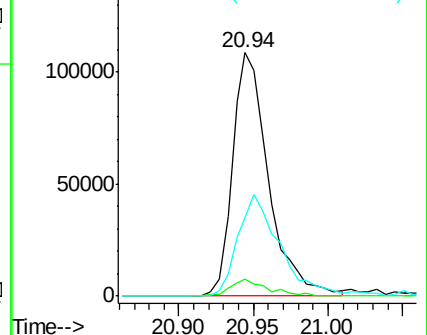
236 32.3 20.0 30.0#

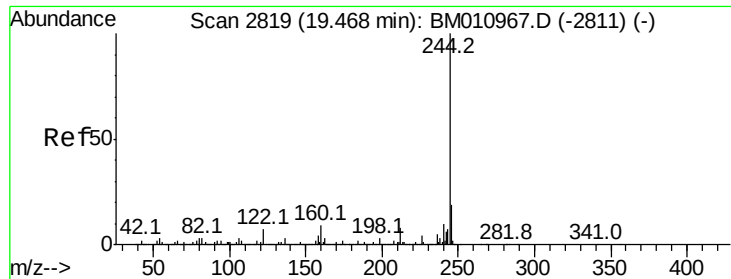


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 219.069 ng

RT: 19.39 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM011252.D

Acq: 16 Aug 2017 11:44

Instrument :

BNA_M

ClientSampleId :

EO-02-081417-CRE

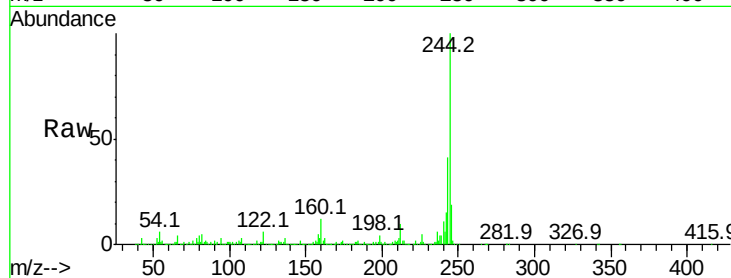
Tot Ion:244 Resp: 2024668

Ion Ratio Lower Upper

244 100

212 10.0 4.9 7.3#

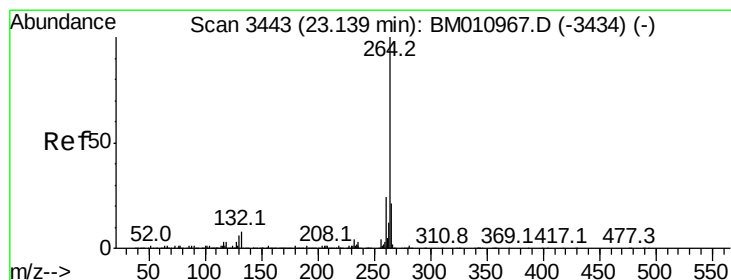
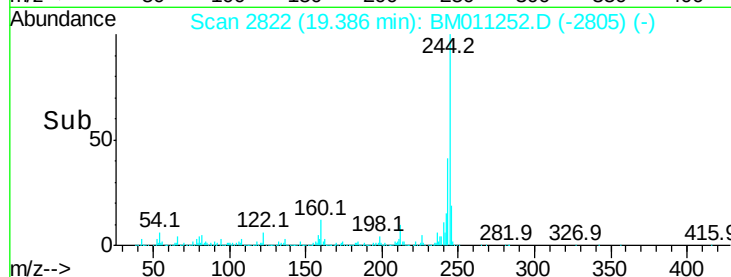
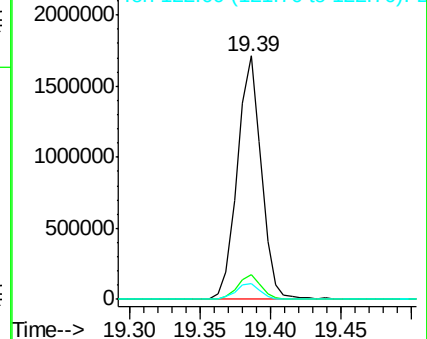
122 6.4 6.2 9.4



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: 23.03 min Scan# 3441

Delta R.T. 0.01 min

Lab File: BM011252.D

Acq: 16 Aug 2017 11:44

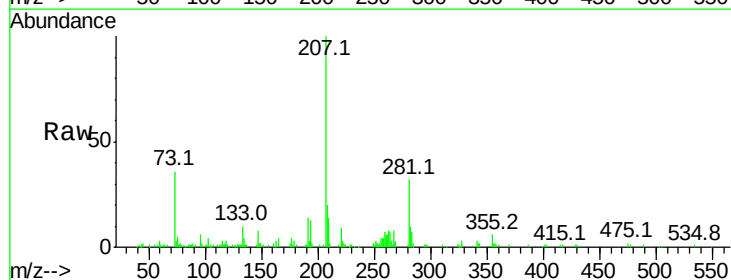
Tgt Ion:264 Resp: 11327

Ion Ratio Lower Upper

264 100

260 49.0 18.6 27.8#

265 41.4 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

