

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011060.D
 Acq On : 29 Jul 2017 02:08
 Operator : SJ/JU
 Sample : I4444-12RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-072517-DRE

Quant Time: Jul 29 03:59:19 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	134588	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	493824	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	245093	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	813030	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	537542	20.00	ng	-0.01
86) Perylene-d12	23.13	264	43492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1123913	141.16	ng	0.00
7) Phenol-d6	6.59	99	1254938	110.94	ng	0.00
23) Nitrobenzene-d5	8.53	82	1378189	104.75	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	804009	204.67	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2367599	121.15	ng	-0.01
78) Terphenyl-d14	19.46	244	3834258	141.29	ng	0.00

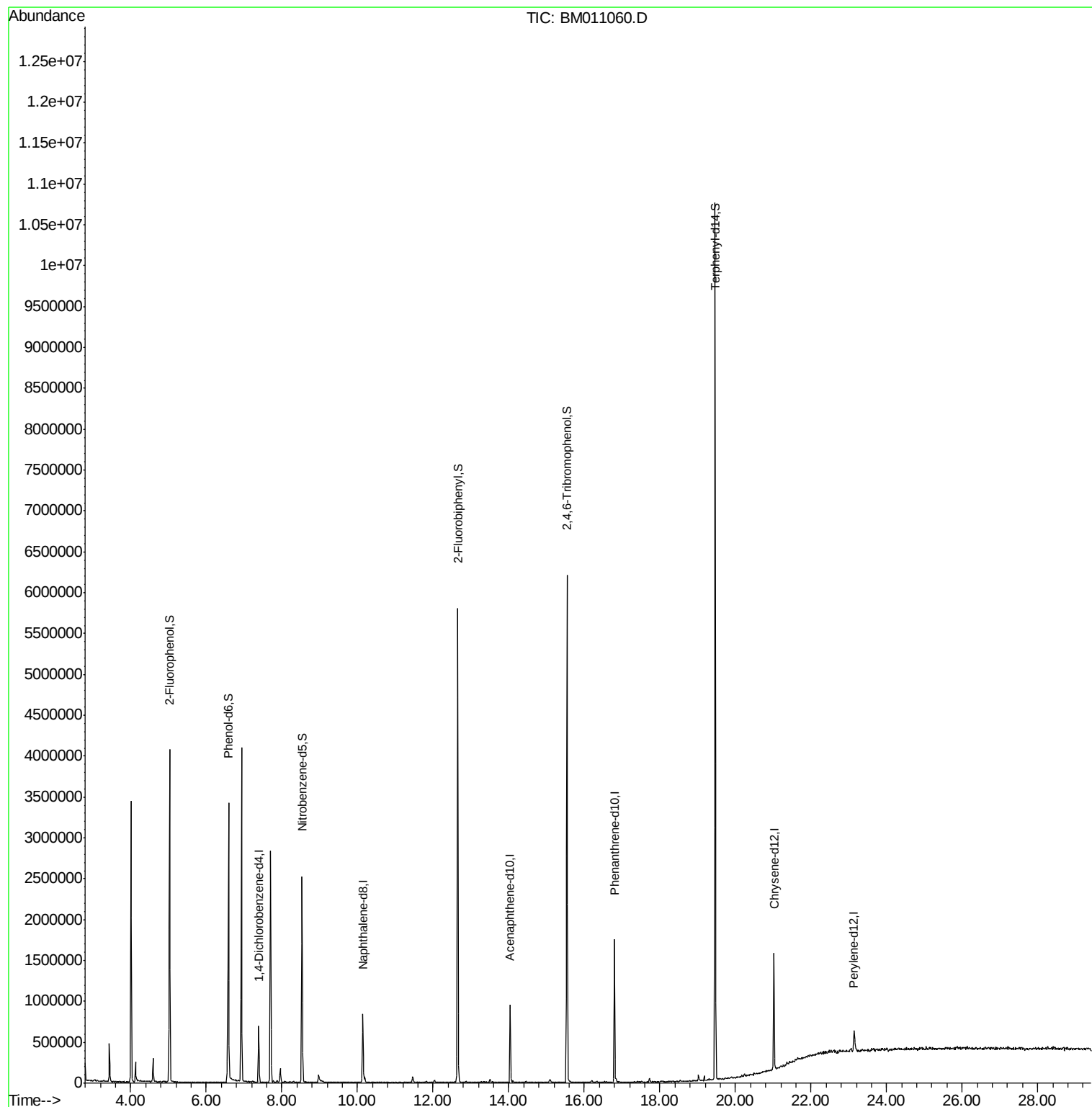
Target Compounds Qvalue

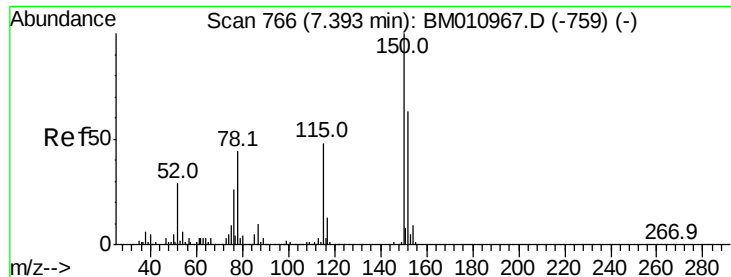
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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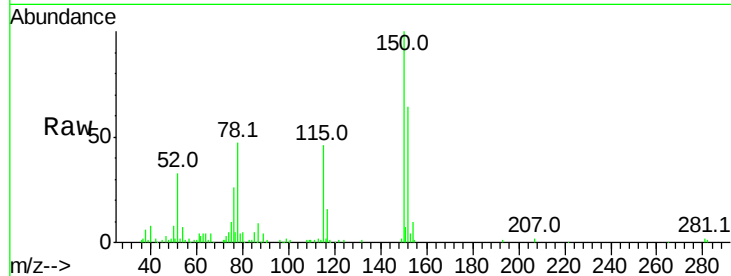


#1

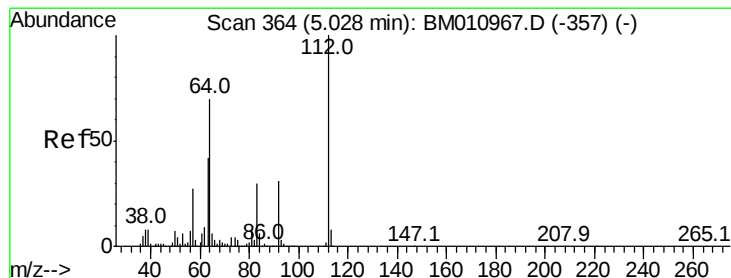
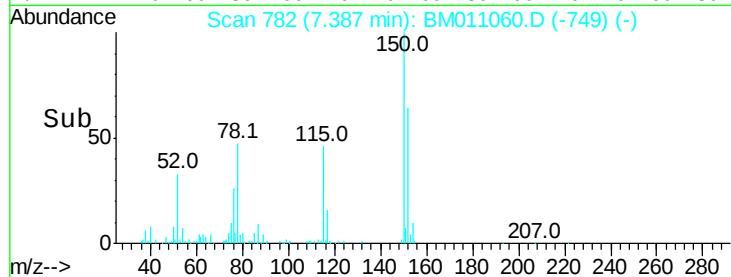
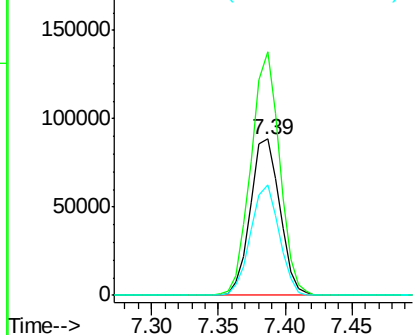
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011060.D
Acq: 29 Jul 2017 02:08

Instrument :
BNA_M
ClientSampleId :
EO-02-072517-DRE

Tot Ion:152 Resp: 134588
Ion Ratio Lower Upper
152 100
150 156.0 119.5 179.3
115 71.0 43.0 64.4#



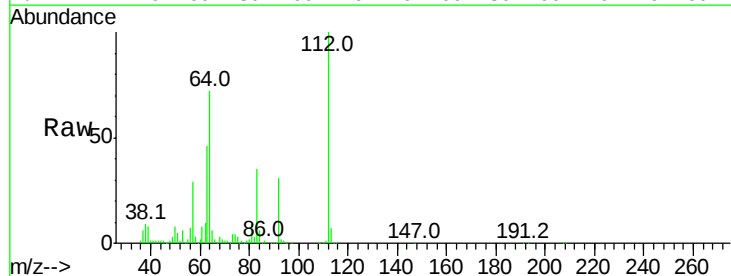
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



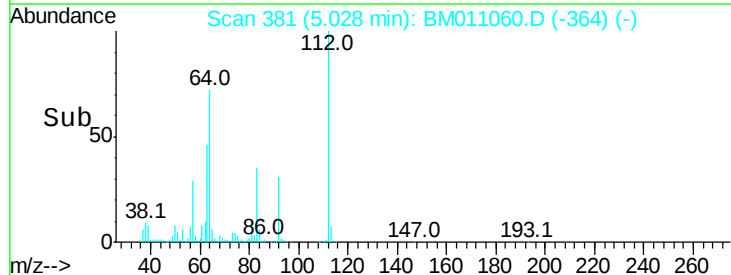
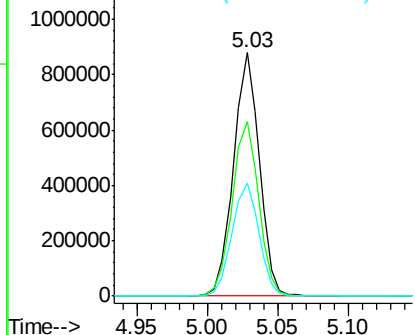
#5

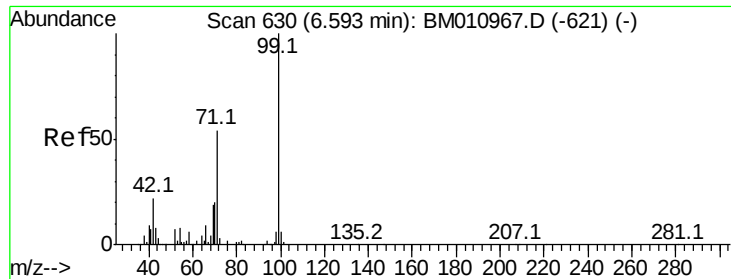
2-Fluorophenol
Concen: 141.165 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011060.D
Acq: 29 Jul 2017 02:08

Tgt Ion:112 Resp: 1123913
Ion Ratio Lower Upper
112 100
64 71.8 38.6 57.8#
63 46.3 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: 110.937 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011060.D

Acq: 29 Jul 2017 02:08

Instrument :

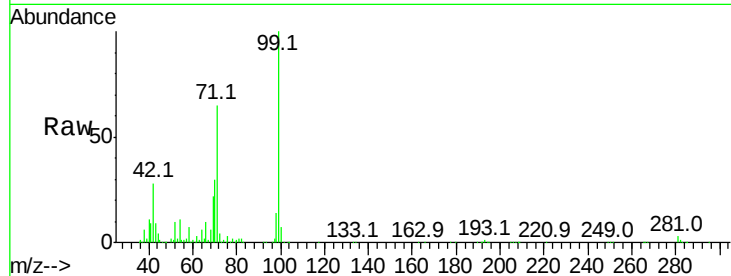
BNA_M

ClientSampleId :

EO-02-072517-DRE

Tot Ion: 99 Resp: 1254938

Ion	Ratio	Lower	Upper
99	100		
42	27.8	11.0	16.4#
71	64.9	23.4	35.2#

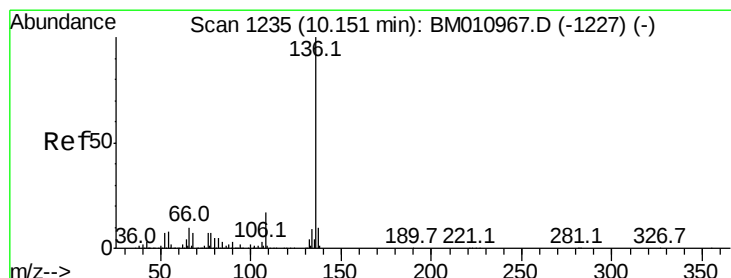
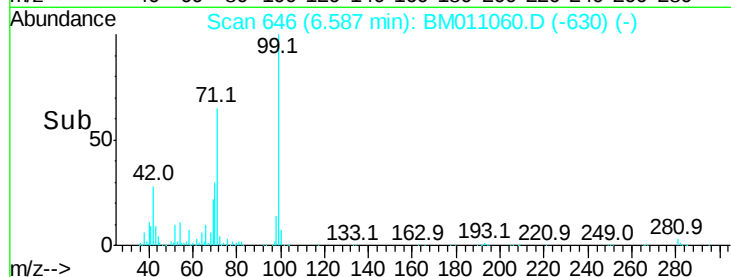
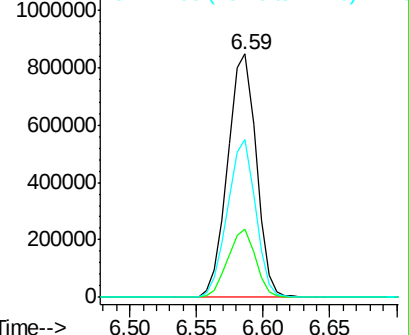


Abundance

Ion 99.00 (98.70 to 99.70): BM011060.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011060.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011060.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1250

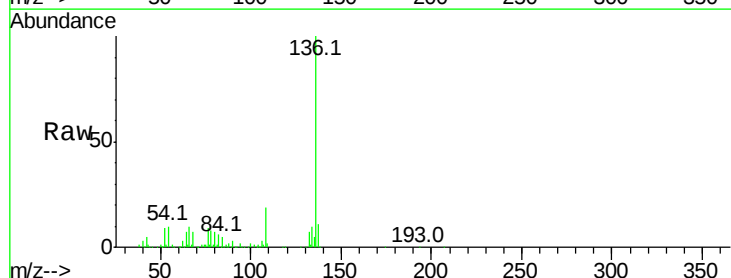
Delta R.T. -0.01 min

Lab File: BM011060.D

Acq: 29 Jul 2017 02:08

Tgt Ion: 136 Resp: 493824

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.9	4.6	6.8#
68	7.0	3.7	5.5#



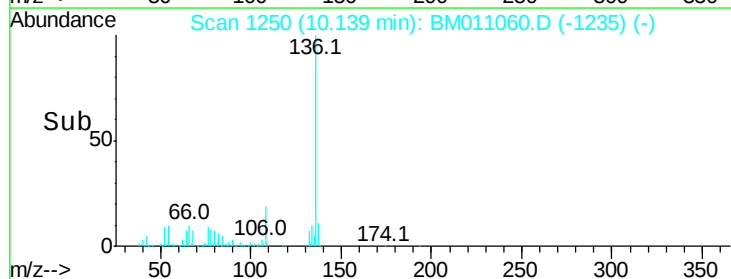
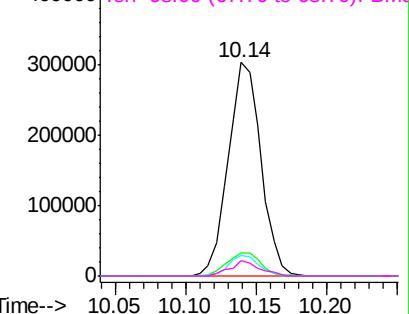
Abundance

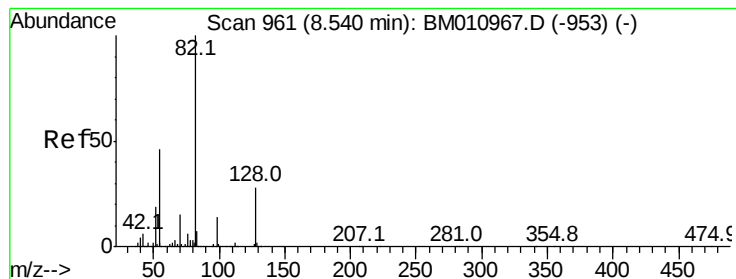
Ion 136.00 (135.70 to 136.70): BM011060.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011060.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011060.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011060.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 104.745 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011060.D

Acq: 29 Jul 2017 02:08

Instrument :

BNA_M

ClientSampleId :

EO-02-072517-DRE

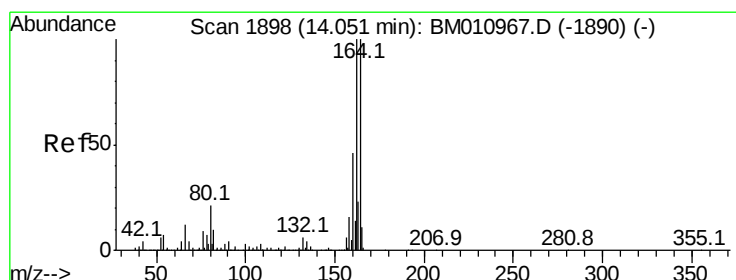
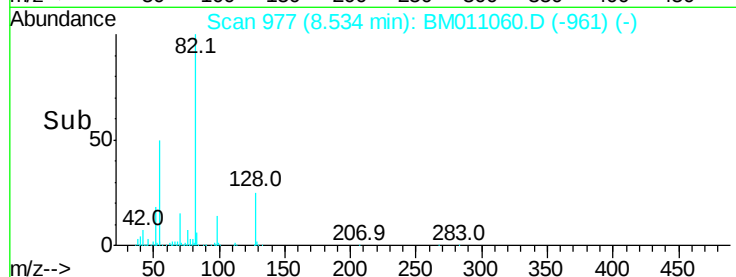
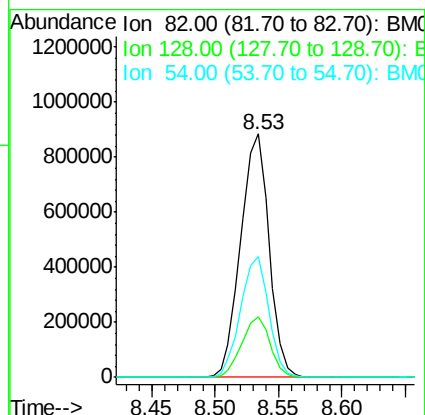
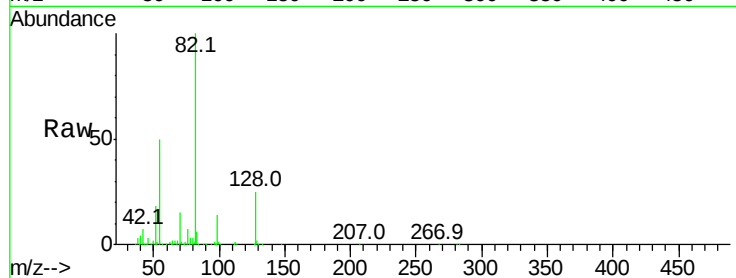
Tot Ion: 82 Resp: 1378189

Ion Ratio Lower Upper

82 100

128 25.1 32.8 49.2#

54 49.6 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011060.D

Acq: 29 Jul 2017 02:08

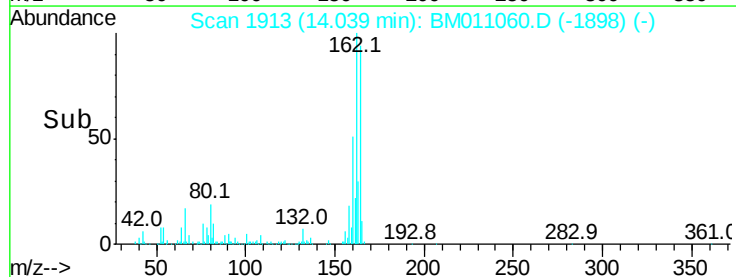
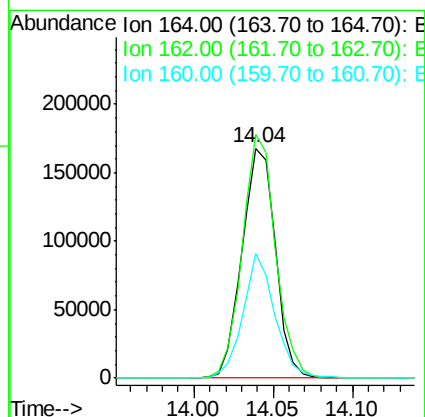
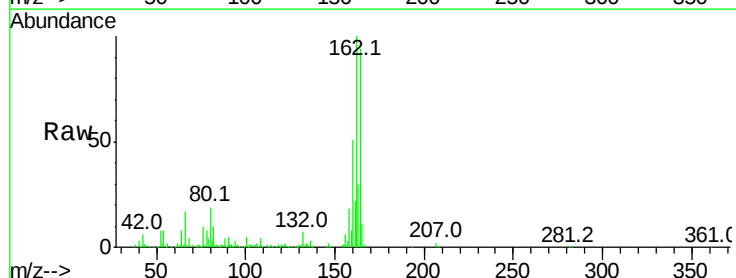
Tgt Ion: 164 Resp: 245093

Ion Ratio Lower Upper

164 100

162 105.9 82.4 123.6

160 54.1 35.8 53.6#

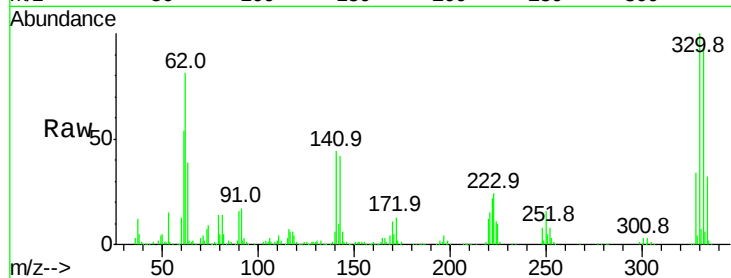




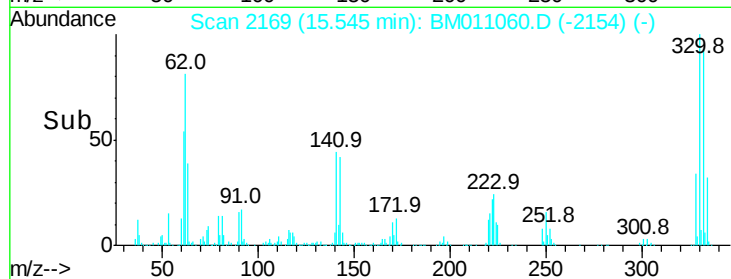
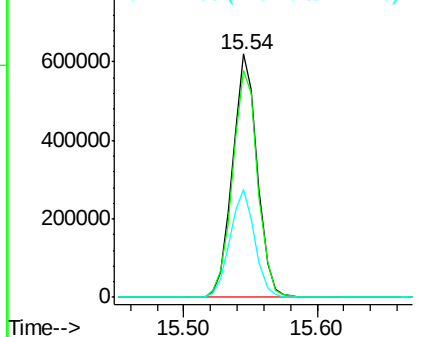
#41
 2,4,6-Tribromophenol
 Concen: 204.670 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011060.D
 Acq: 29 Jul 2017 02:08

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-072517-DRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	44.4	0.0	0.0#

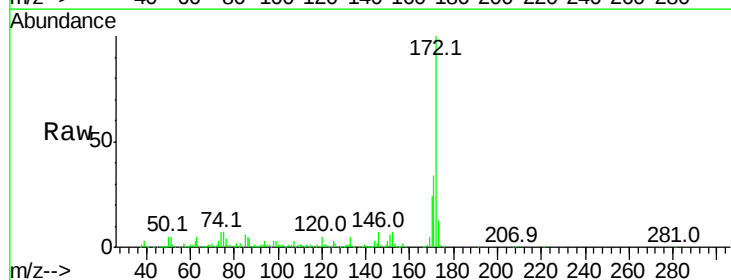


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

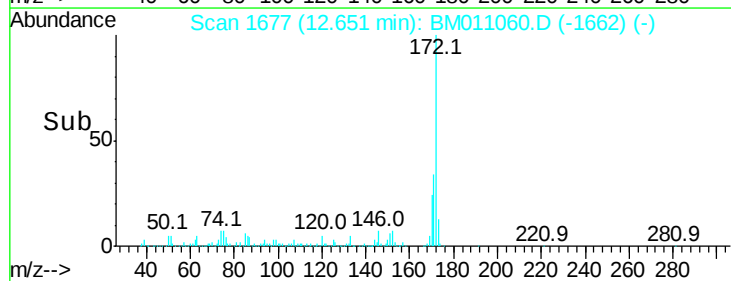
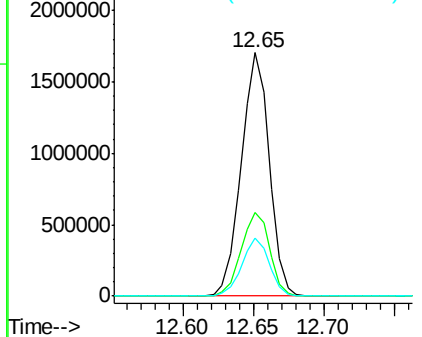


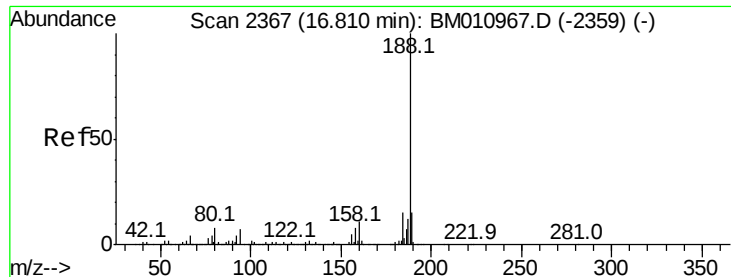
#44
 2-Fluorobiphenyl
 Concen: 121.150 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011060.D
 Acq: 29 Jul 2017 02:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	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: 16.80 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BM011060.D

Acq: 29 Jul 2017 02:08

Instrument :

BNA_M

ClientSampleId :

EO-02-072517-DRE

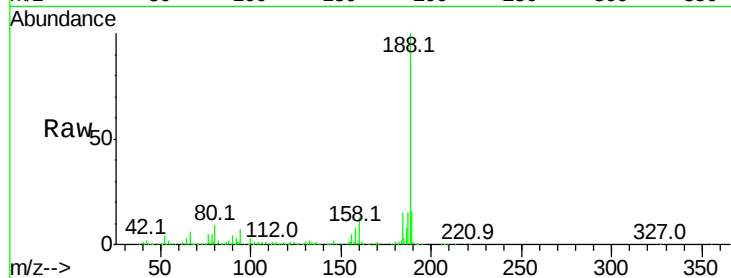
Tot Ion:188 Resp: 813030

Ion Ratio Lower Upper

188 100

94 7.1 8.7 13.1#

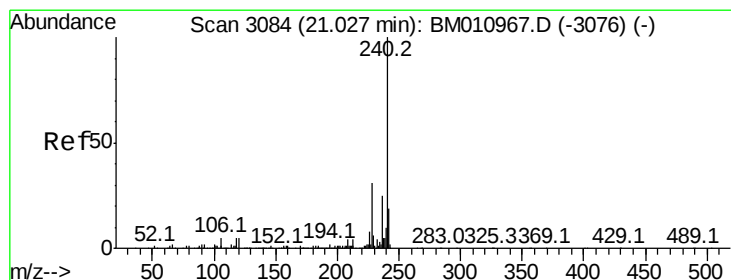
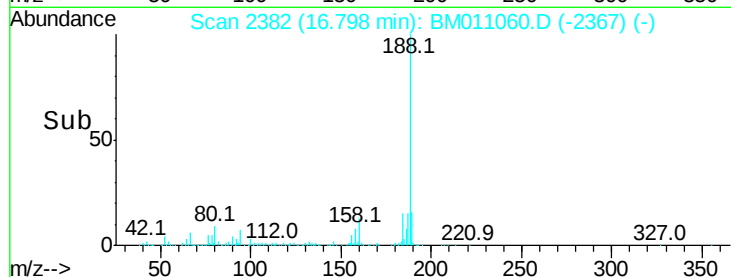
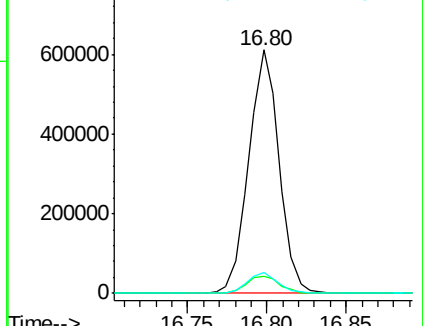
80 8.7 9.3 13.9#



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: 21.02 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM011060.D

Acq: 29 Jul 2017 02:08

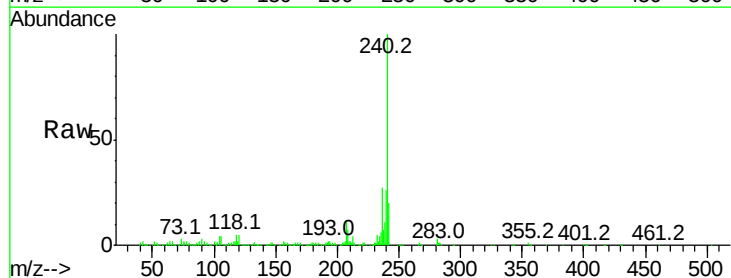
Tgt Ion:240 Resp: 537542

Ion Ratio Lower Upper

240 100

120 5.3 8.2 12.2#

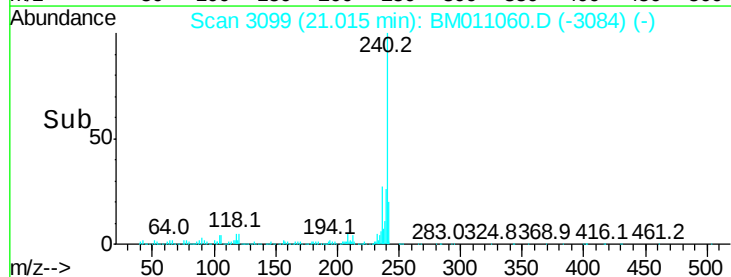
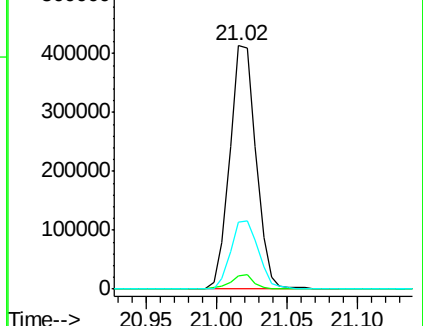
236 27.5 20.0 30.0

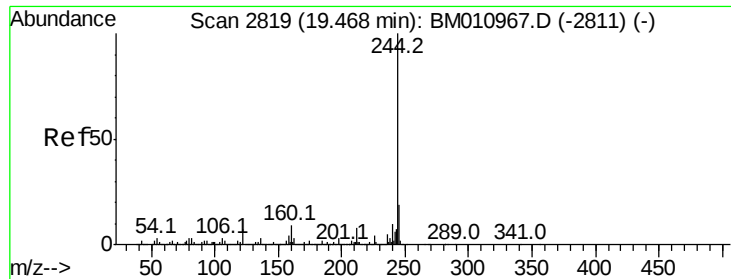


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 141.294 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011060.D

Acq: 29 Jul 2017 02:08

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EO-02-072517-DRE

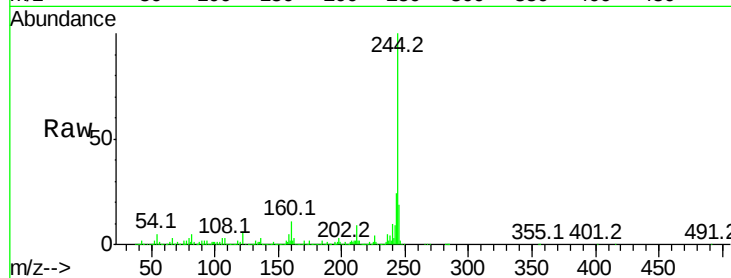
Tot Ion:244 Resp: 3834258

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

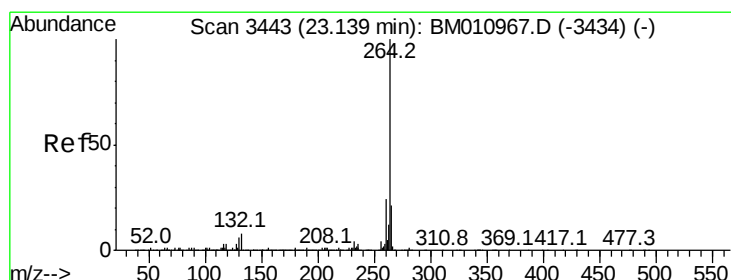
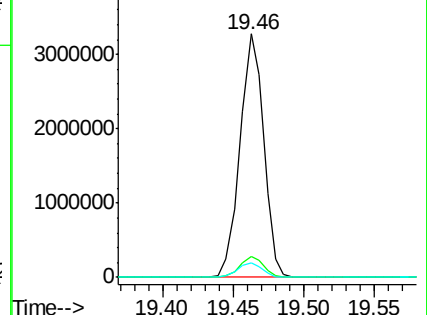
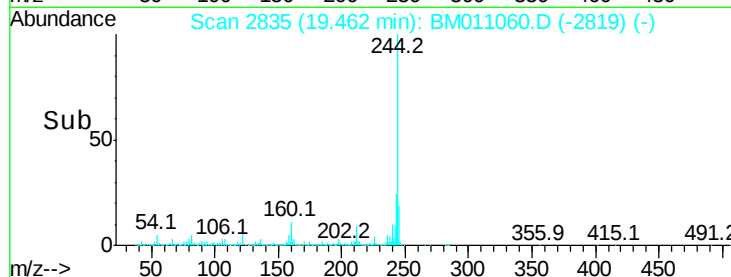
122 5.9 6.2 9.4#



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: BM011060.D

Acq: 29 Jul 2017 02:08

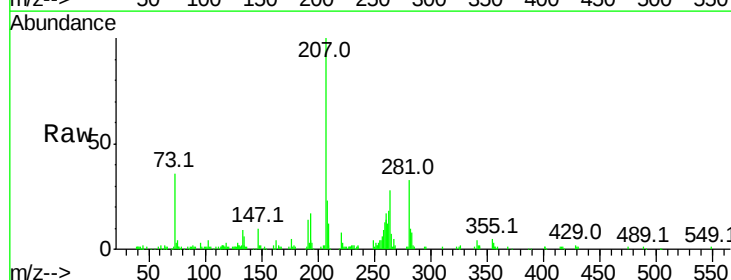
Tgt Ion:264 Resp: 43492

Ion Ratio Lower Upper

264 100

260 59.4 18.6 27.8#

265 25.2 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

