

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011128.D
 Acq On : 04 Aug 2017 21:36
 Operator : SJ/JU
 Sample : I4562-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-E

Quant Time: Aug 05 03:21:30 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	7.32	152	129290	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	435834	20.00	ng	-0.08
38) Acenaphthene-d10	13.99	164	373272	20.00	ng	-0.06
63) Phenanthrene-d10	16.74	188	956550	20.00	ng	-0.06
75) Chrysene-d12	20.96	240	1256249	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1288524	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	984381	128.71	ng	-0.07
7) Phenol-d6	6.52	99	1156303	106.41	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1040292	89.58	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	913831	152.74	ng	-0.06
44) 2-Fluorobiphenyl	12.59	172	2345425	78.80	ng	-0.07
78) Terphenyl-d14	19.41	244	5514146	86.95	ng	-0.06

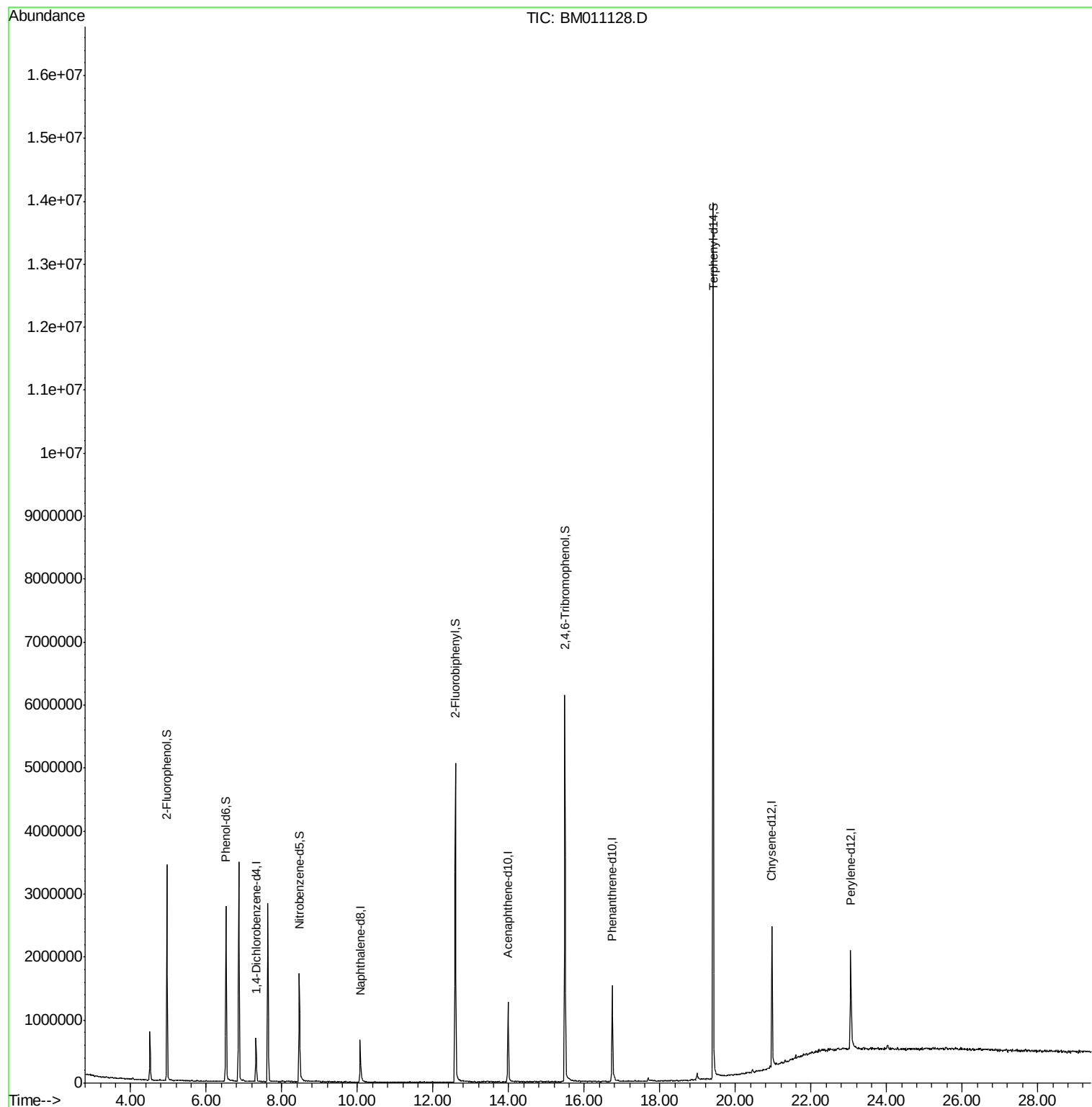
Target Compounds Qvalue

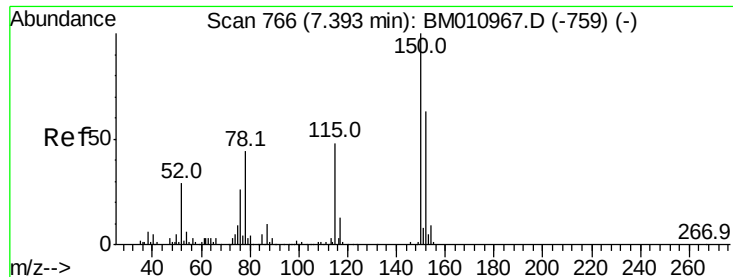
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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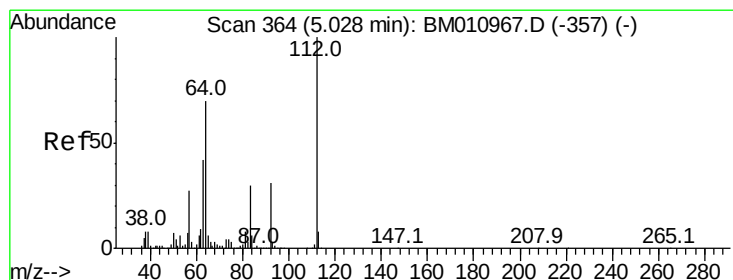
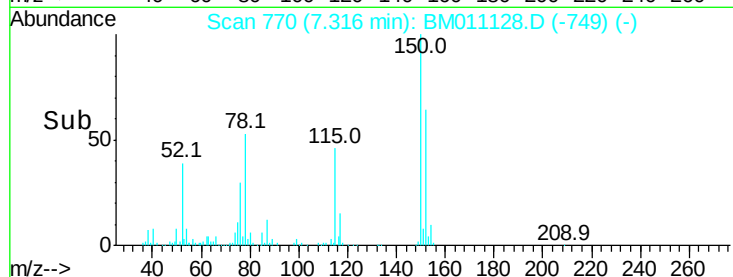
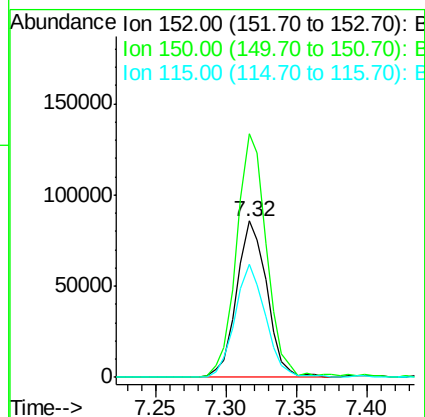
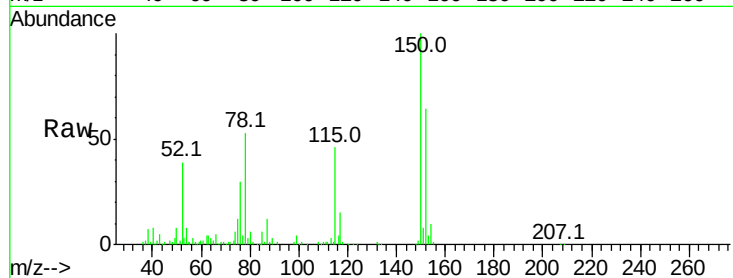


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011128.D
Acq: 04 Aug 2017 21:36

Instrument :
BNA_M
ClientSampleId :
JC-02-080117-E

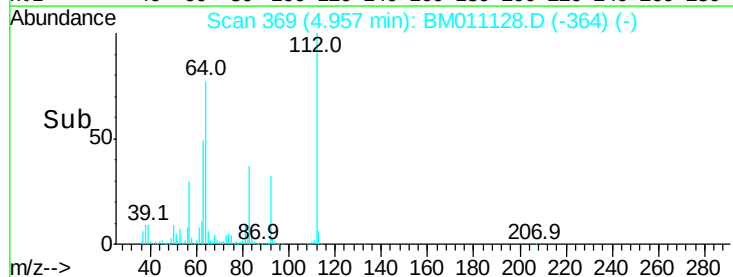
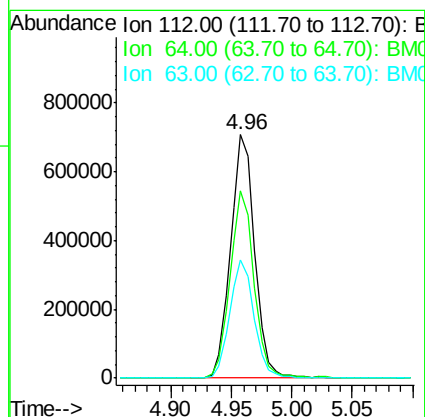
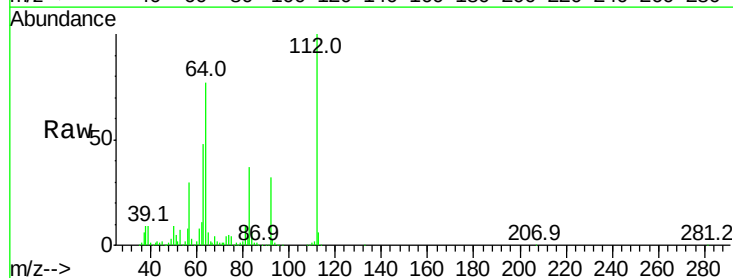
Tot Ion:152 Resp: 129290
Ion Ratio Lower Upper
152 100
150 155.9 119.5 179.3
115 72.3 43.0 64.4#

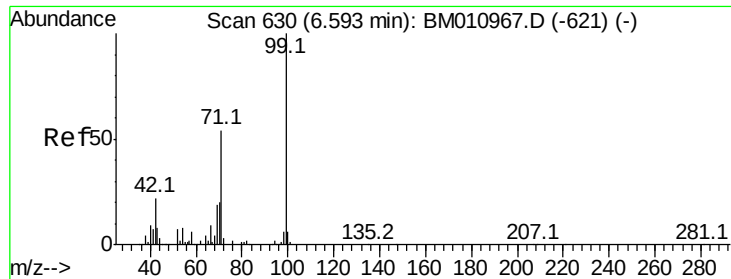


#5

2-Fluorophenol
Concen: 128.706 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011128.D
Acq: 04 Aug 2017 21:36

Tgt Ion:112 Resp: 984381
Ion Ratio Lower Upper
112 100
64 77.2 38.6 57.8#
63 48.5 19.3 28.9#





#7

Phenol-d6

Concen: 106.407 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011128.D

Acq: 04 Aug 2017 21:36

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-E

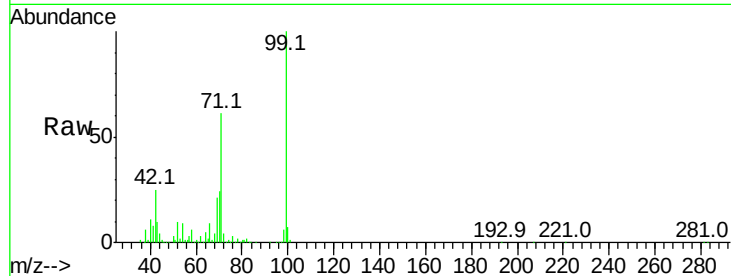
Tot Ion: 99 Resp: 1156303

Ion Ratio Lower Upper

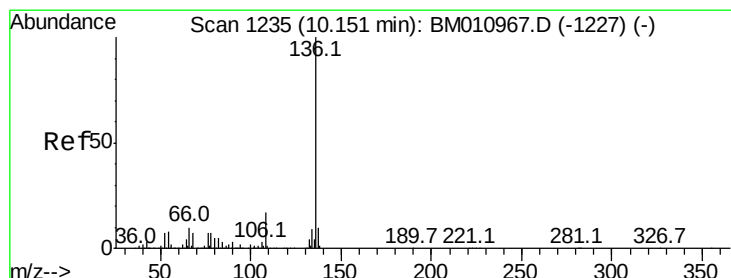
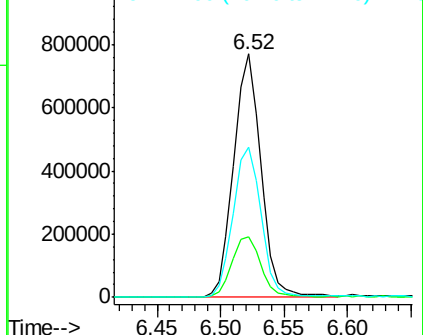
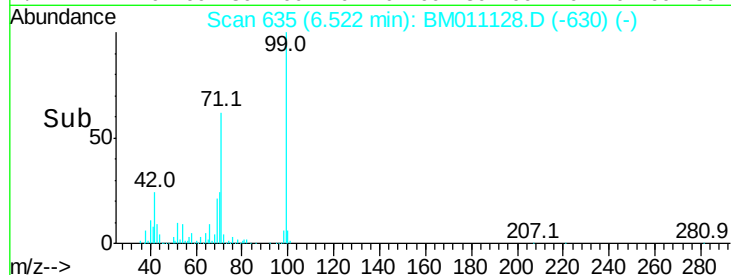
99 100

42 24.7 11.0 16.4#

71 61.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011128.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011128.D

Acq: 04 Aug 2017 21:36

Tgt Ion: 136 Resp: 435834

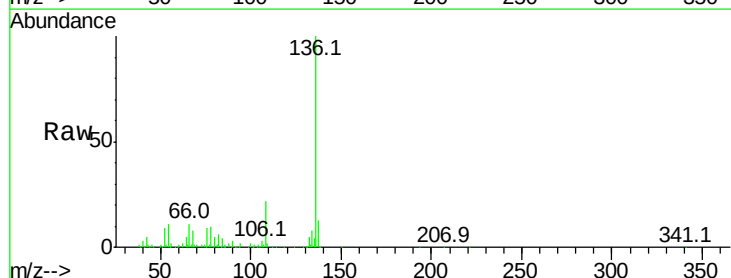
Ion Ratio Lower Upper

136 100

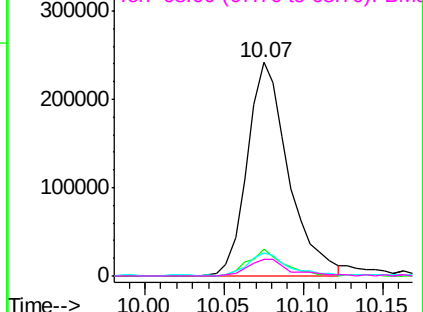
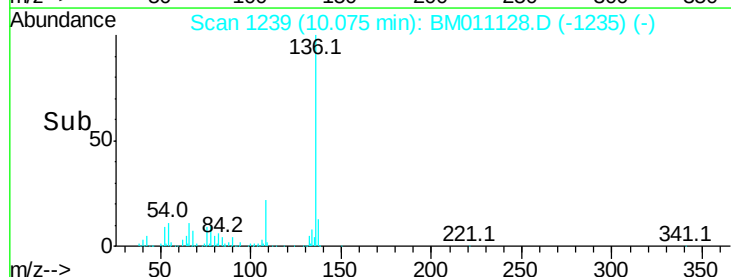
137 12.7 8.7 13.1

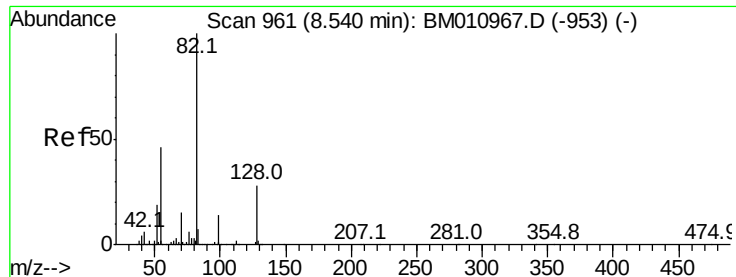
54 11.0 4.6 6.8#

68 7.6 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011128.D (-1235) (-)

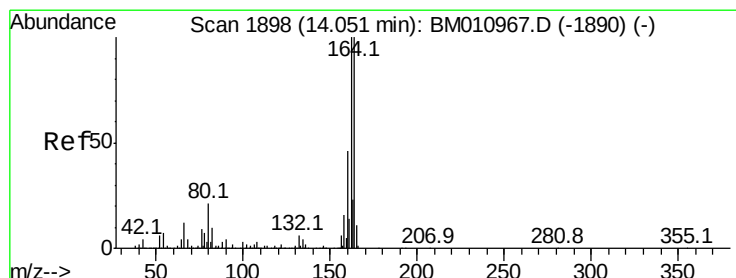
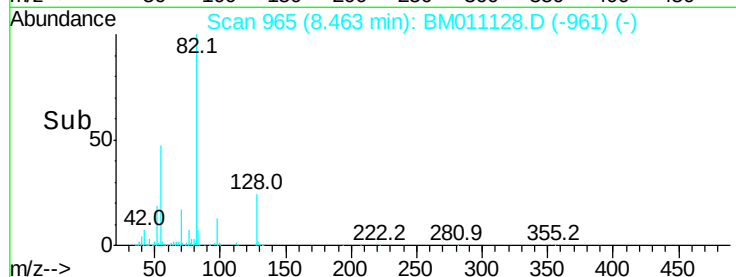
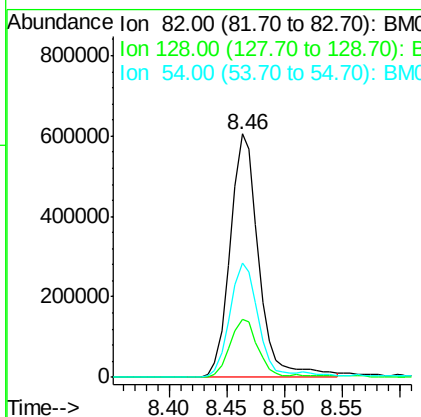
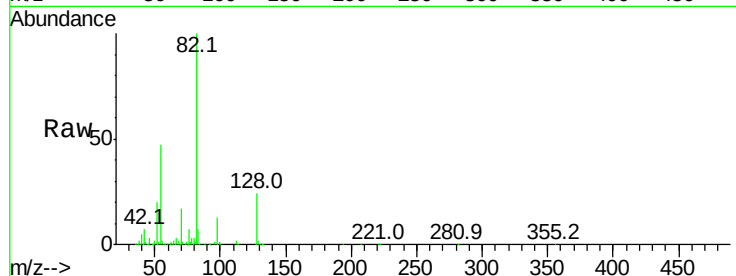




#23
 Nitrobenzene-d5
 Concen: 89.584 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011128.D
 Acq: 04 Aug 2017 21:36

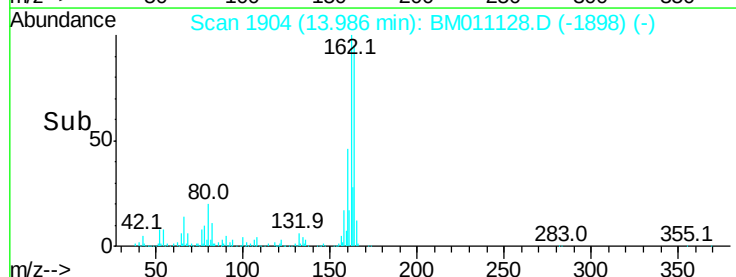
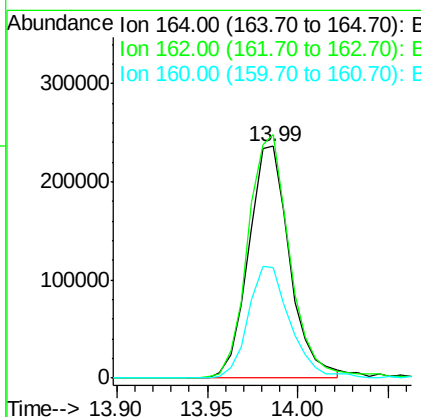
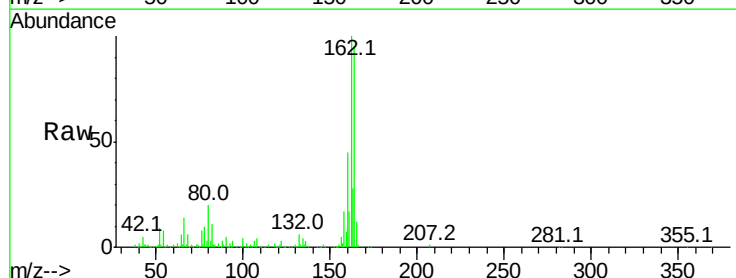
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-E

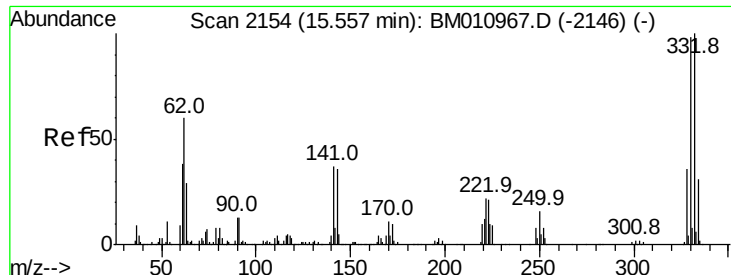
Tot Ion: 82 Resp: 1040292
 Ion Ratio Lower Upper
 82 100
 128 23.9 32.8 49.2#
 54 47.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.99 min Scan# 1904
 Delta R.T. -0.06 min
 Lab File: BM011128.D
 Acq: 04 Aug 2017 21:36

Tgt Ion:164 Resp: 373272
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.4 123.6
 160 47.6 35.8 53.6

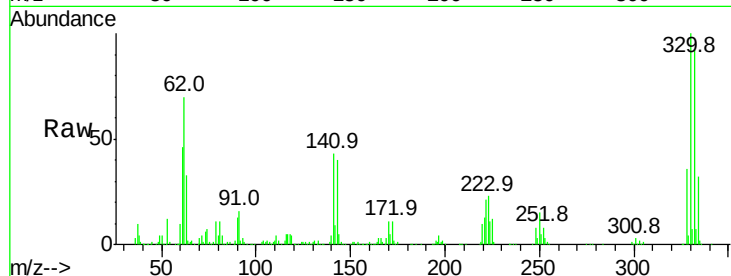




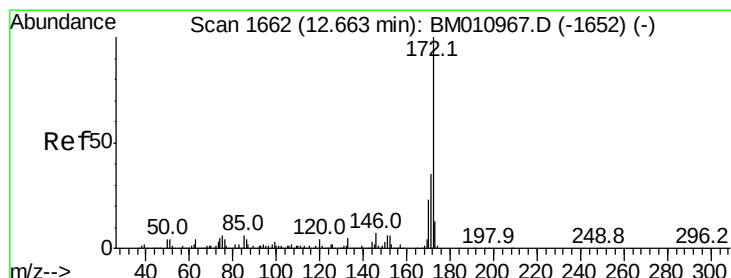
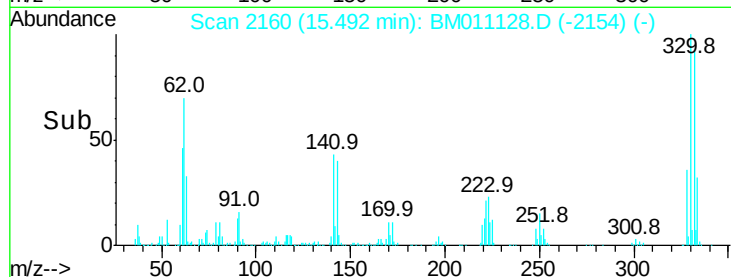
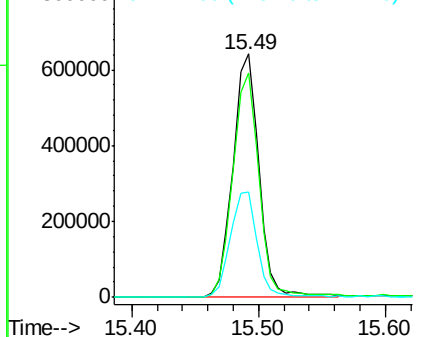
#41
 2,4,6-Tribromophenol
 Concen: 152.744 ng
 RT: 15.49 min Scan# 2160
 Delta R.T. -0.06 min
 Lab File: BM011128.D
 Acq: 04 Aug 2017 21:36

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.0	0.0	0.0#
141	44.9	0.0	0.0#

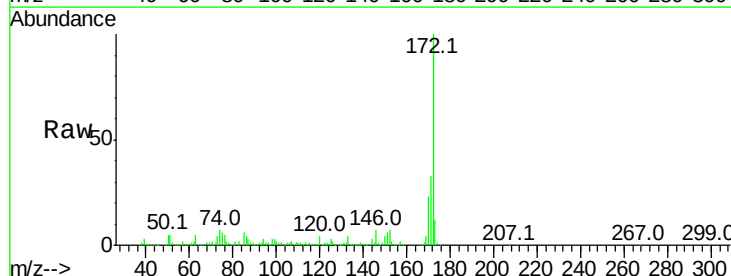


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

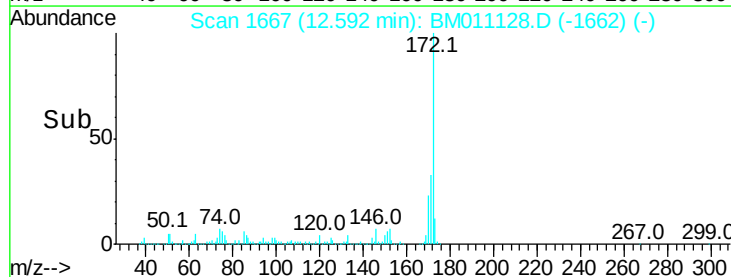
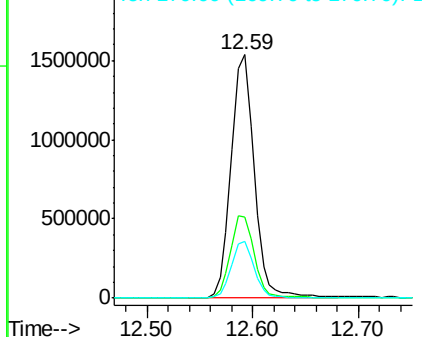


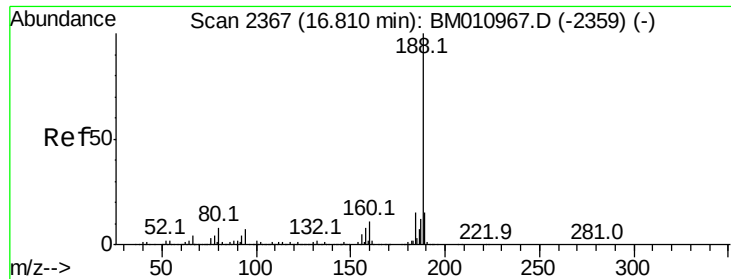
#44
 2-Fluorobiphenyl
 Concen: 78.803 ng
 RT: 12.59 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: BM011128.D
 Acq: 04 Aug 2017 21:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	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: 16.74 min Scan# 2373

Delta R.T. -0.06 min

Lab File: BM011128.D

Acq: 04 Aug 2017 21:36

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-E

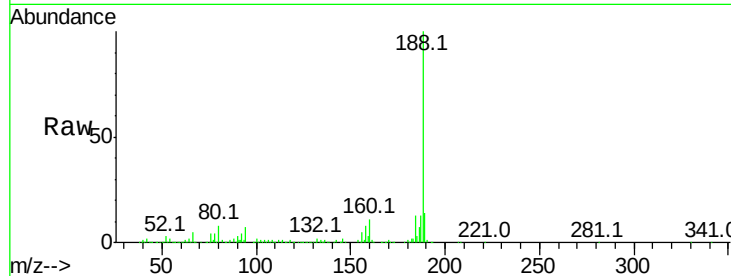
Tot Ion:188 Resp: 956550

Ion Ratio Lower Upper

188 100

94 7.3 8.7 13.1#

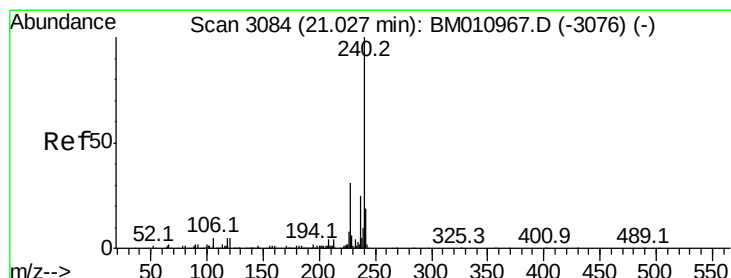
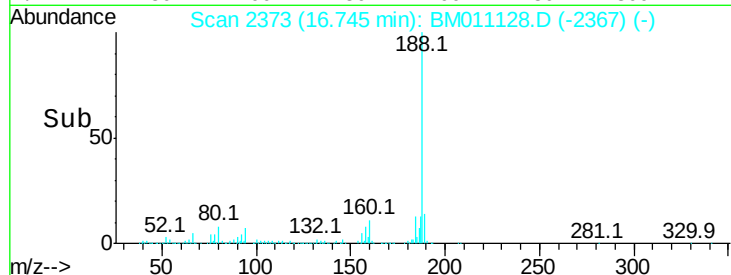
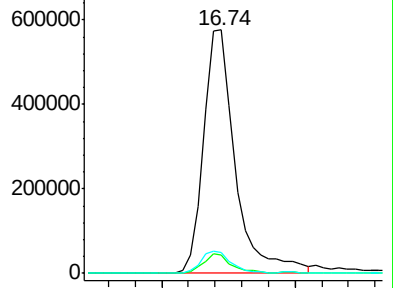
80 8.4 9.3 13.9#



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: 20.96 min Scan# 3090

Delta R.T. -0.06 min

Lab File: BM011128.D

Acq: 04 Aug 2017 21:36

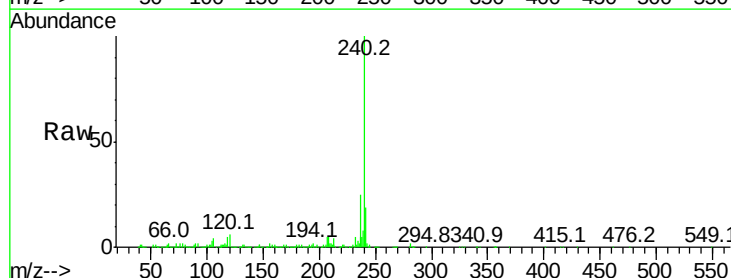
Tgt Ion:240 Resp: 1256249

Ion Ratio Lower Upper

240 100

120 5.6 8.2 12.2#

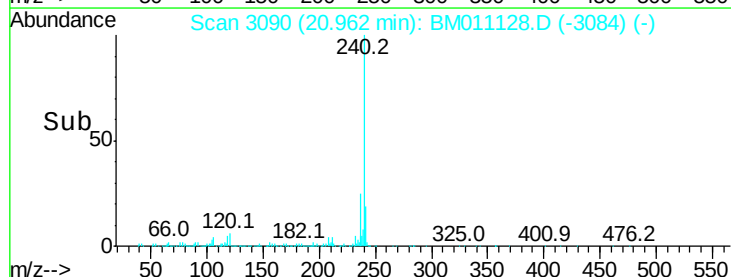
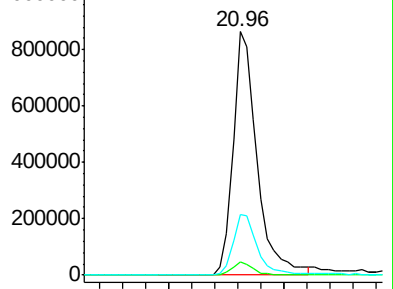
236 25.0 20.0 30.0

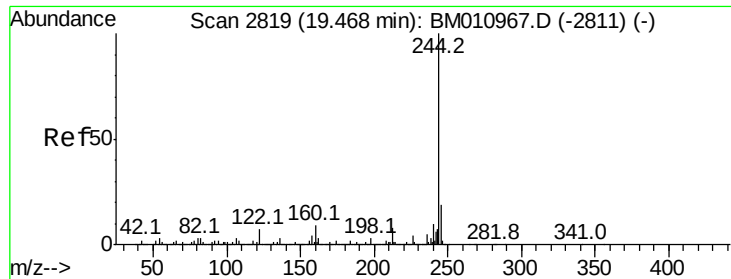


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.948 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011128.D

Acq: 04 Aug 2017 21:36

Instrument :

BNA_M

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JC-02-080117-E

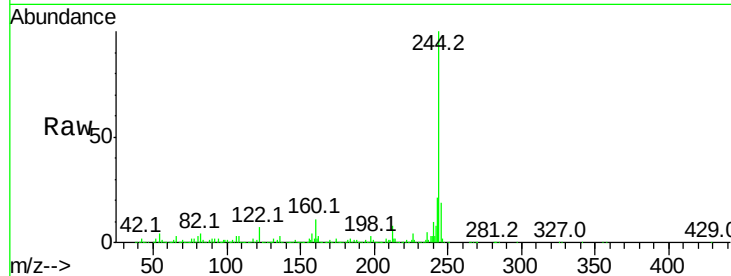
Tot Ion:244 Resp: 5514146

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

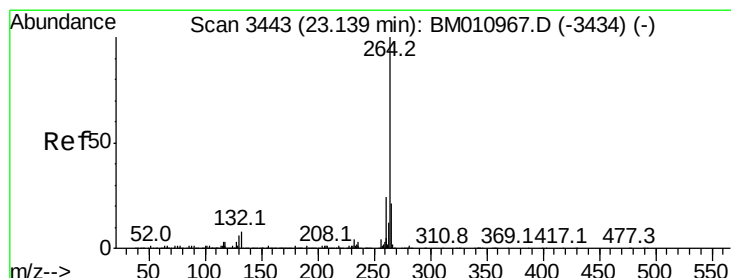
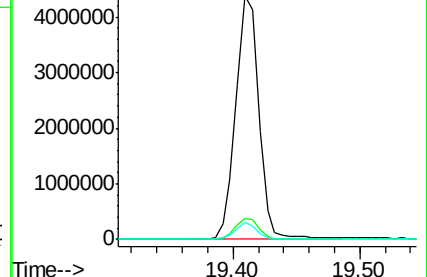
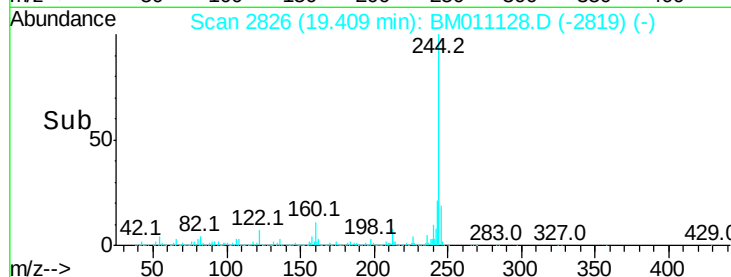
122 7.1 6.2 9.4



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: 23.05 min Scan# 3445

Delta R.T. -0.09 min

Lab File: BM011128.D

Acq: 04 Aug 2017 21:36

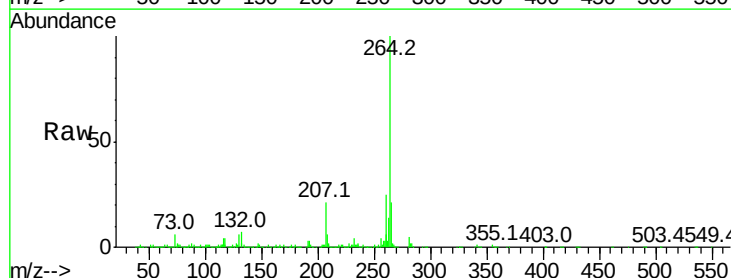
Tgt Ion:264 Resp: 1288524

Ion Ratio Lower Upper

264 100

260 24.9 18.6 27.8

265 20.9 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

