

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011124.D
 Acq On : 04 Aug 2017 19:11
 Operator : SJ/JU
 Sample : I4562-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 05 04:24:11 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	146426	20.00	ng	-0.08
21) Naphthalene-d8	10.08	136	468658	20.00	ng	-0.07
38) Acenaphthene-d10	13.98	164	428937	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	911030	20.00	ng	-0.06
75) Chrysene-d12	20.97	240	1107221	20.00	ng	-0.06
86) Perylene-d12	23.06	264	1393202	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1126223	130.02	ng	-0.07
7) Phenol-d6	6.52	99	1299227	105.57	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1048594	83.97	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	957565	139.28	ng	-0.06
44) 2-Fluorobiphenyl	12.59	172	2520538	73.70	ng	-0.07
78) Terphenyl-d14	19.42	244	5288902	94.62	ng	-0.05

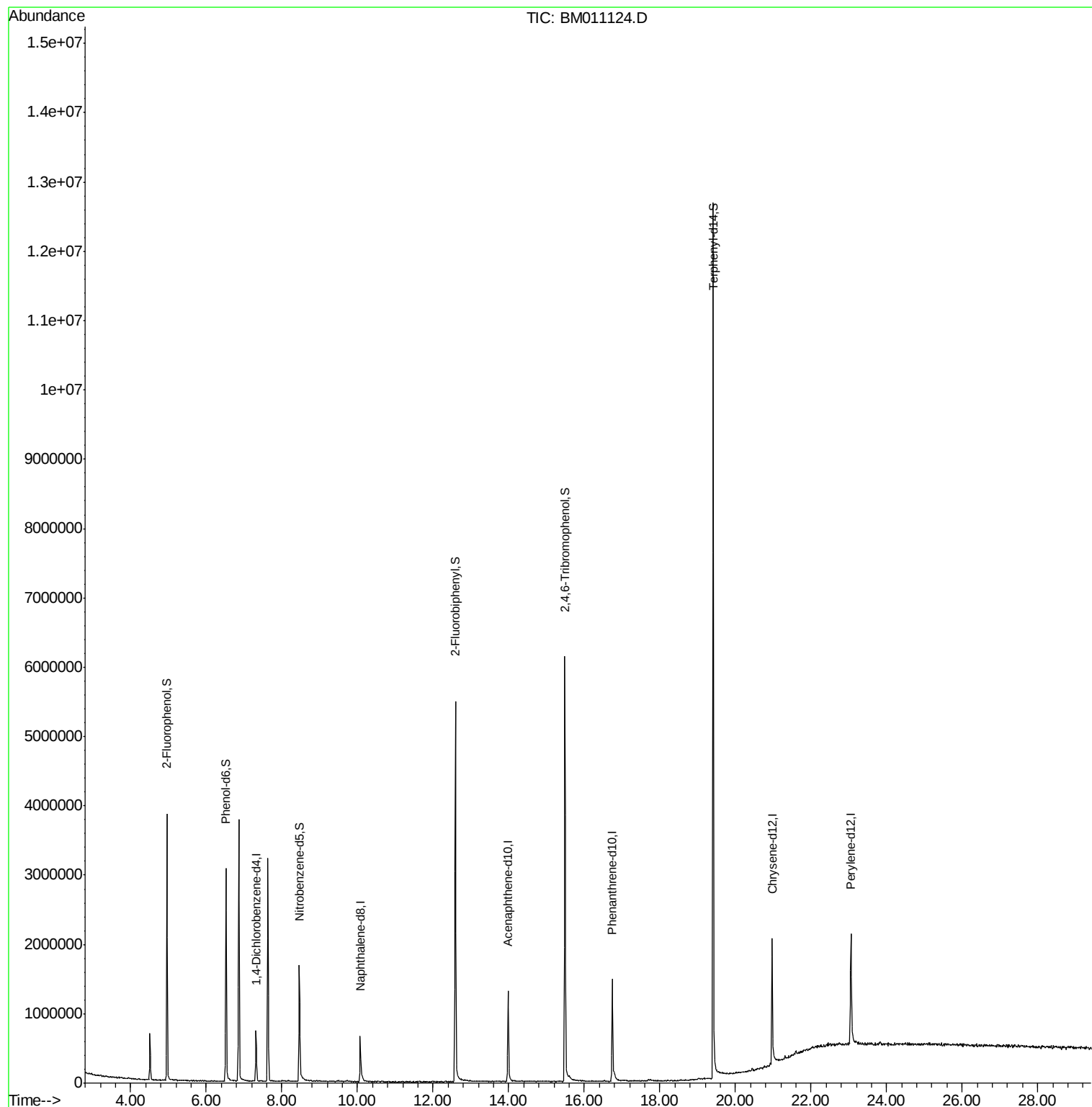
Target Compounds Qvalue

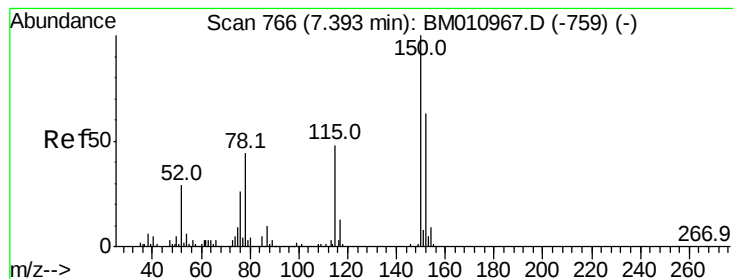
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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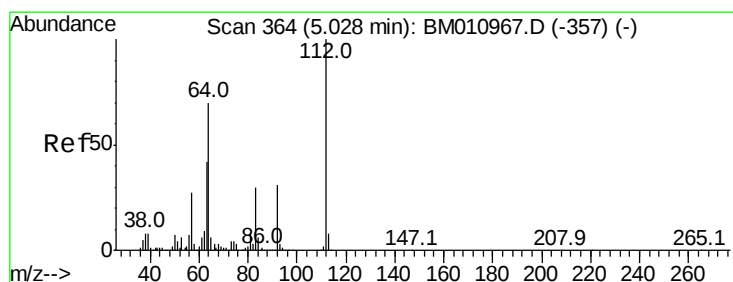
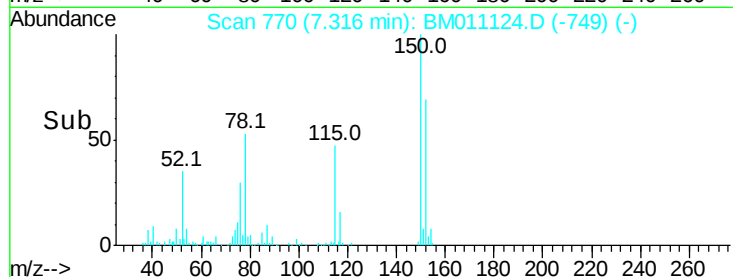
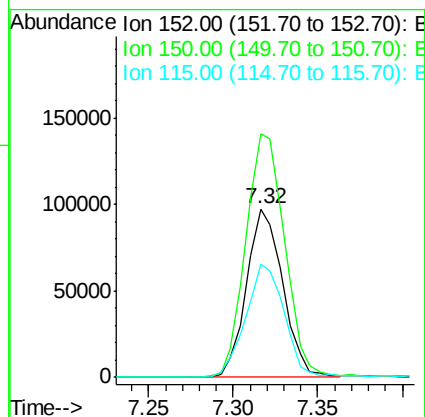
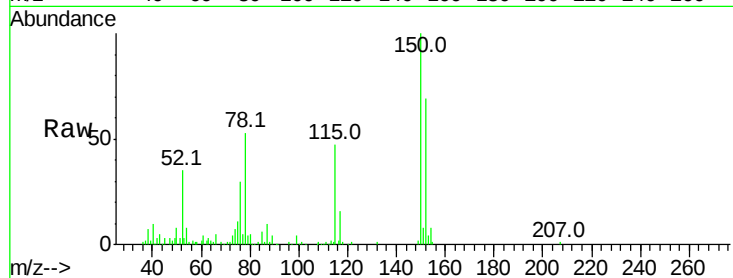


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011124.D
Acq: 04 Aug 2017 19:11

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

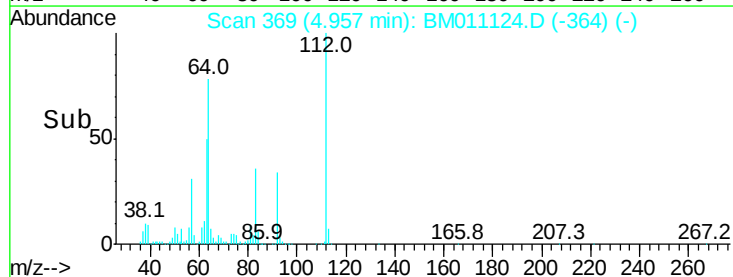
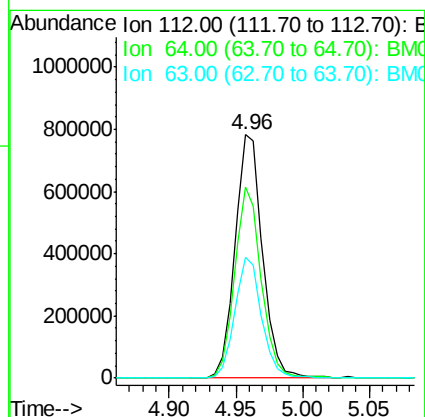
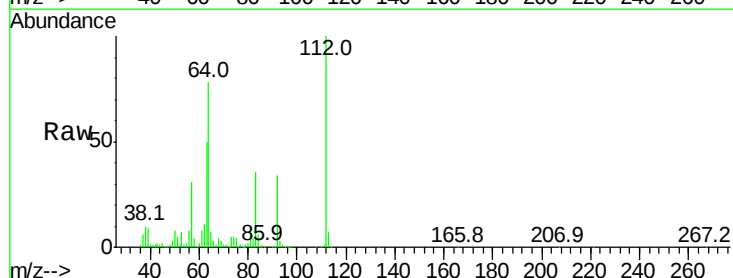
Tot Ion:152 Resp: 146426
Ion Ratio Lower Upper
152 100
150 144.3 119.5 179.3
115 67.2 43.0 64.4#

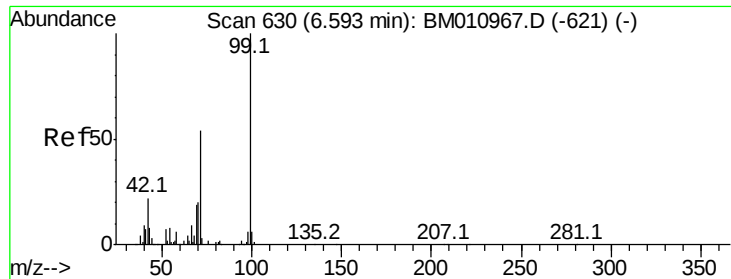


#5

2-Fluorophenol
Concen: 130.019 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011124.D
Acq: 04 Aug 2017 19:11

Tgt Ion:112 Resp: 1126223
Ion Ratio Lower Upper
112 100
64 78.5 38.6 57.8#
63 49.7 19.3 28.9#





#7

Phenol-d6

Concen: 105.567 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011124.D

Acq: 04 Aug 2017 19:11

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-A

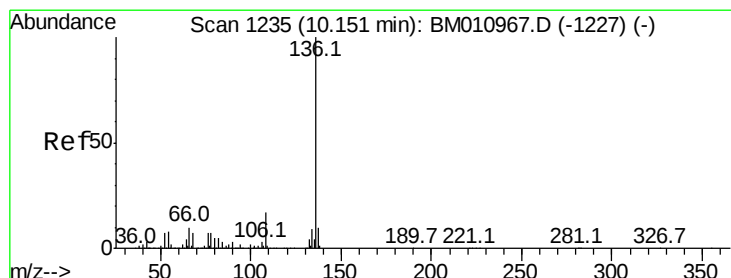
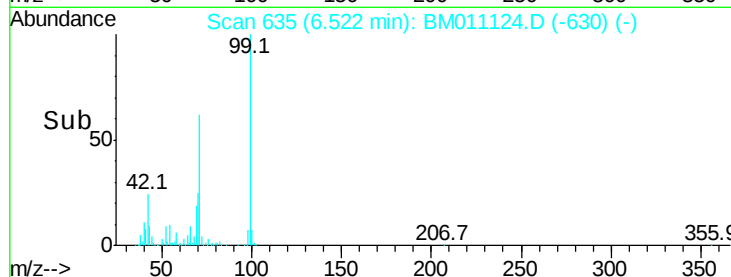
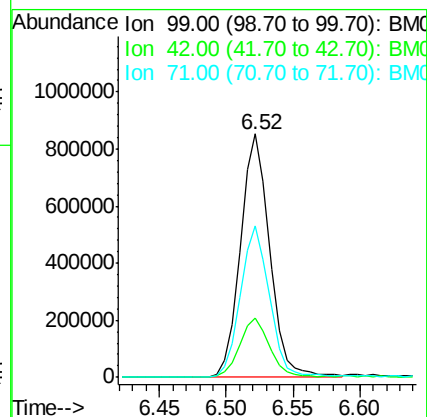
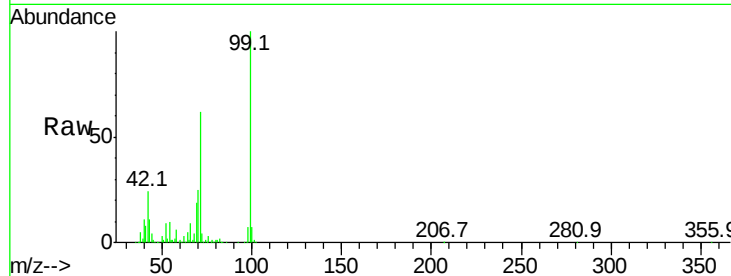
Tot Ion: 99 Resp: 1299227

Ion Ratio Lower Upper

99 100

42 24.3 11.0 16.4#

71 62.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.08 min Scan# 1240

Delta R.T. -0.07 min

Lab File: BM011124.D

Acq: 04 Aug 2017 19:11

Tgt Ion: 136 Resp: 468658

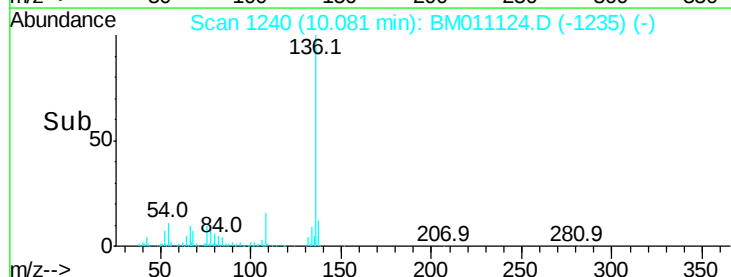
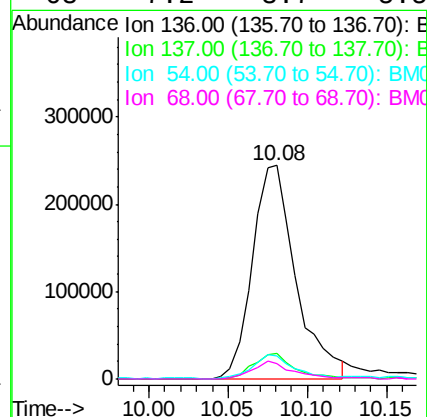
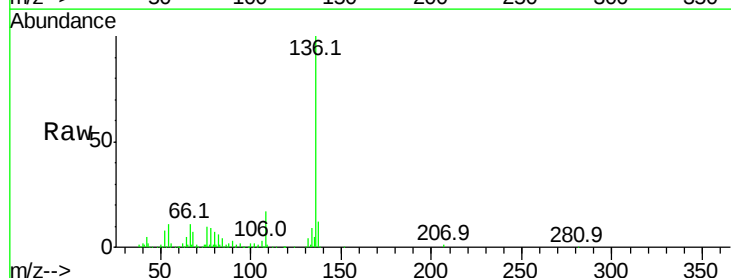
Ion Ratio Lower Upper

136 100

137 12.3 8.7 13.1

54 11.0 4.6 6.8#

68 7.2 3.7 5.5#

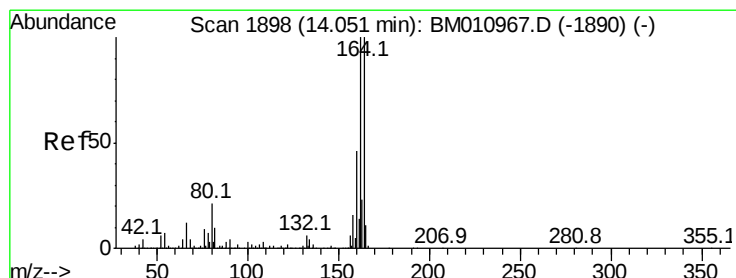
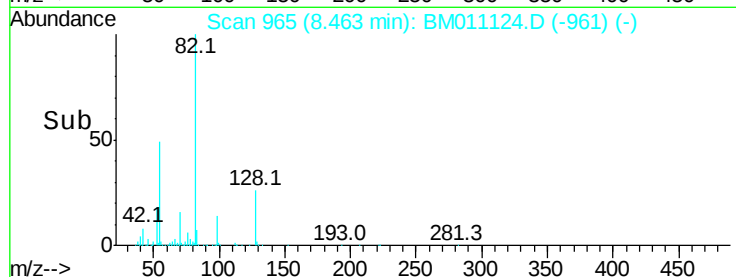
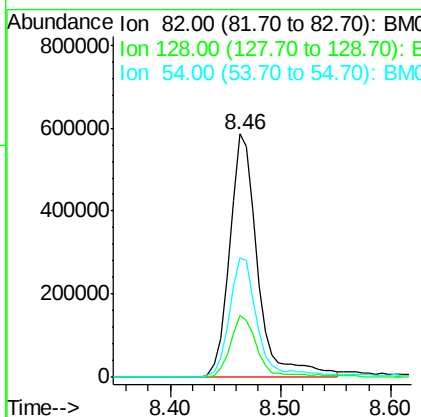
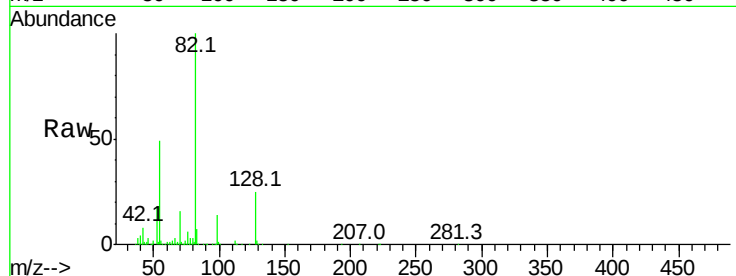




#23
 Nitrobenzene-d5
 Concen: 83.975 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011124.D
 Acq: 04 Aug 2017 19:11

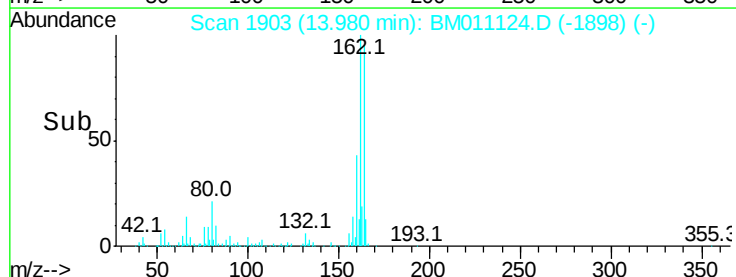
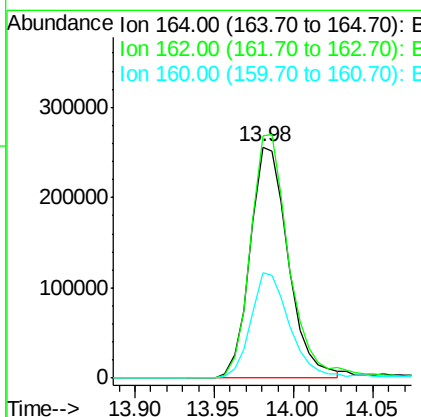
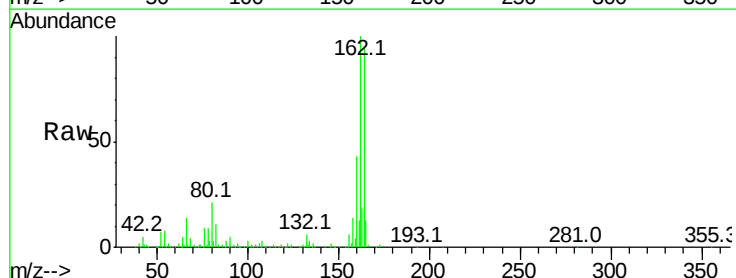
Instrument :
 BNA_M
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 JC-02-080117-A

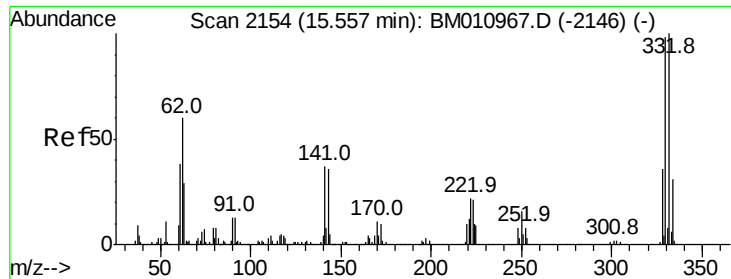
Tot Ion: 82 Resp: 1048594
 Ion Ratio Lower Upper
 82 100
 128 25.4 32.8 49.2#
 54 49.2 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011124.D
 Acq: 04 Aug 2017 19:11

Tgt Ion:164 Resp: 428937
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.4 123.6
 160 45.6 35.8 53.6

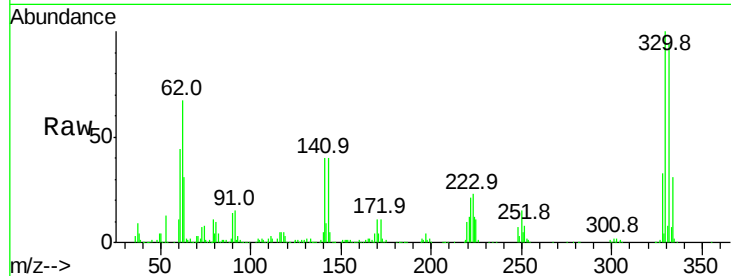




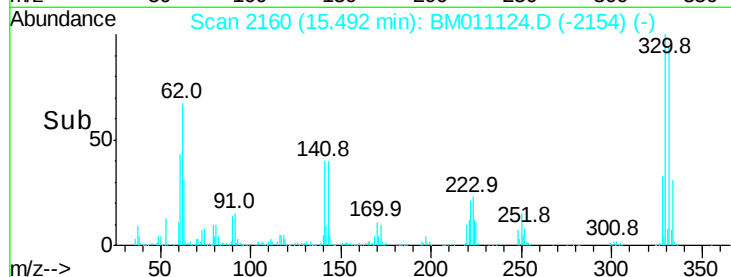
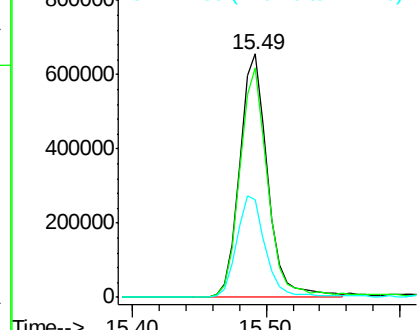
#41
 2,4,6-Tribromophenol
 Concen: 139.283 ng
 RT: 15.49 min Scan# 2160
 Delta R.T. -0.06 min
 Lab File: BM011124.D
 Acq: 04 Aug 2017 19:11

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	0.0	0.0#
141	43.0	0.0	0.0#

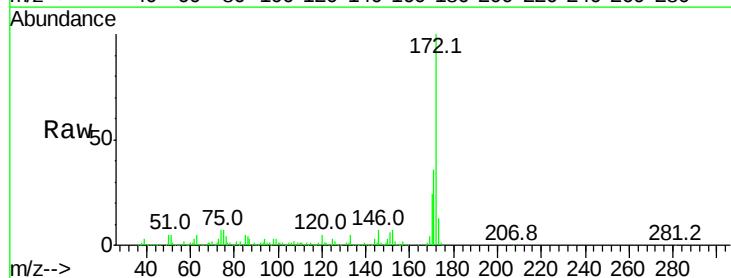


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

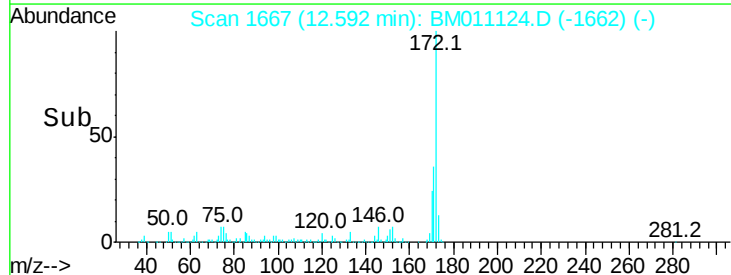
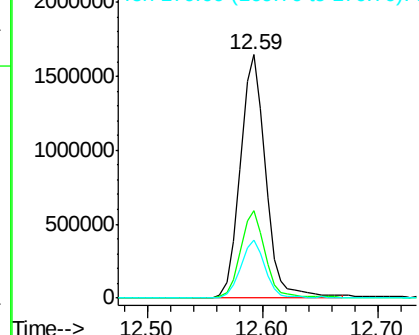


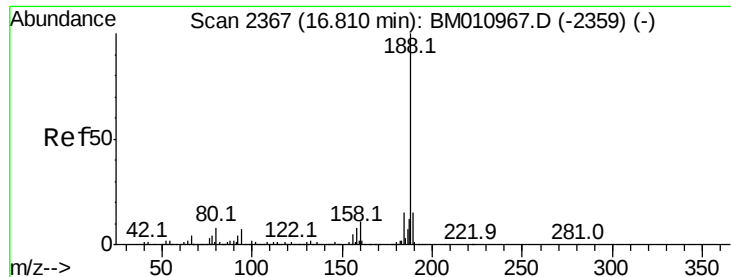
#44
 2-Fluorobiphenyl
 Concen: 73.696 ng
 RT: 12.59 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: BM011124.D
 Acq: 04 Aug 2017 19:11

Tgt 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

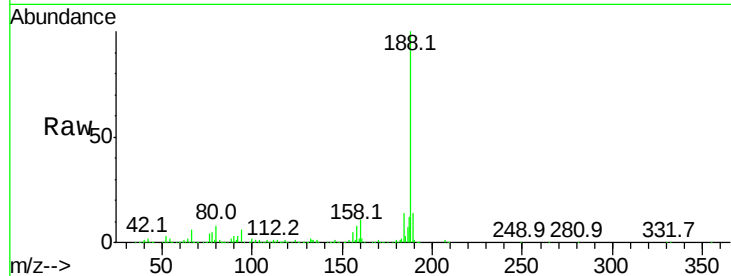




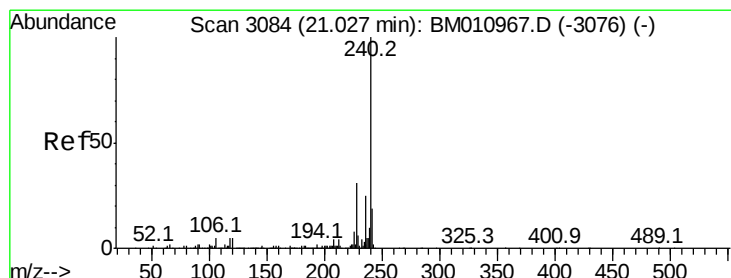
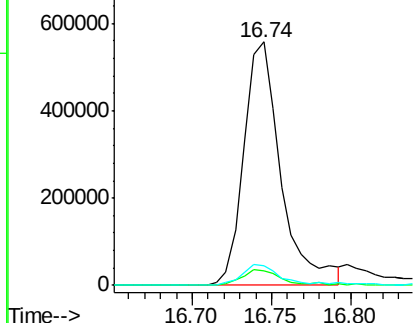
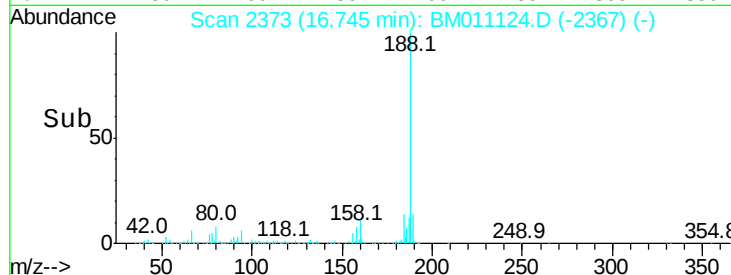
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2373
Delta R.T. -0.06 min
Lab File: BM011124.D
Acq: 04 Aug 2017 19:11

Instrument :
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JC-02-080117-A

Tot Ion:188 Resp: 911030
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 8.1 9.3 13.9#

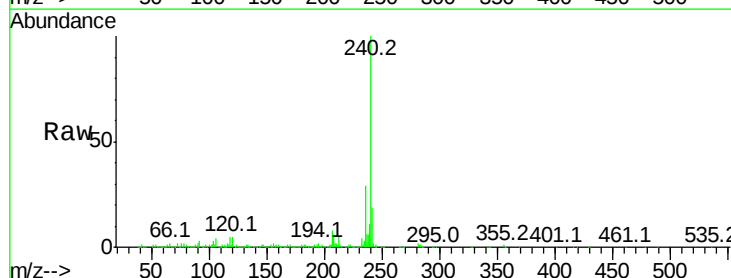


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM011124.D (-2367) (-)
Ion 80.00 (79.70 to 80.70): BM011124.D (-2367) (-)

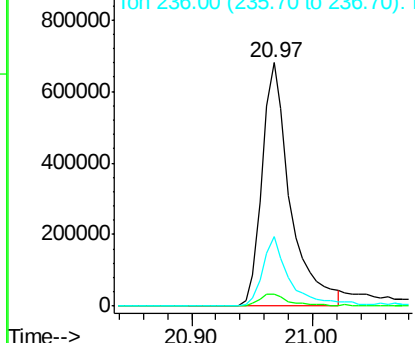
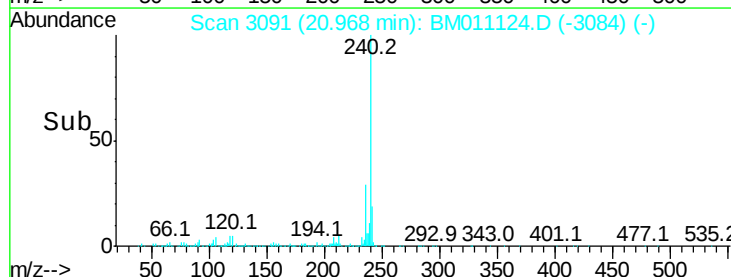


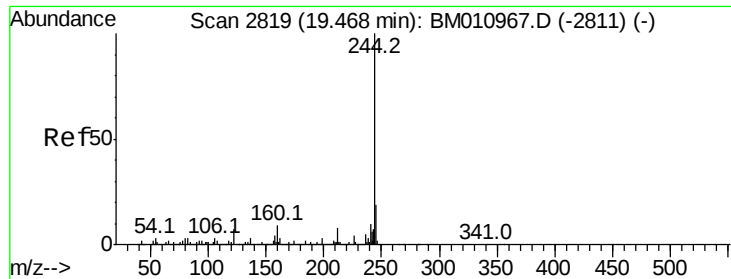
#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.97 min Scan# 3091
Delta R.T. -0.06 min
Lab File: BM011124.D
Acq: 04 Aug 2017 19:11

Tgt Ion:240 Resp: 1107221
Ion Ratio Lower Upper
240 100
120 5.1 8.2 12.2#
236 28.8 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: 94.621 ng

RT: 19.42 min Scan# 2827

Delta R.T. -0.05 min

Lab File: BM011124.D

Acq: 04 Aug 2017 19:11

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-A

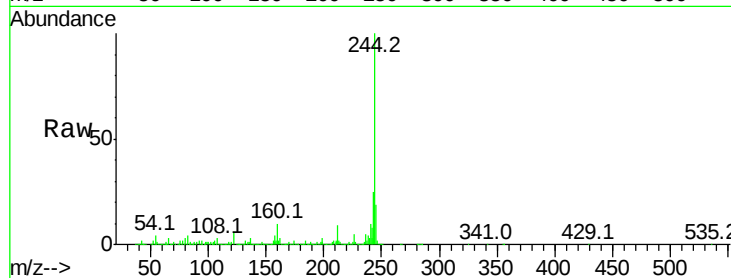
Tot Ion:244 Resp: 5288902

Ion Ratio Lower Upper

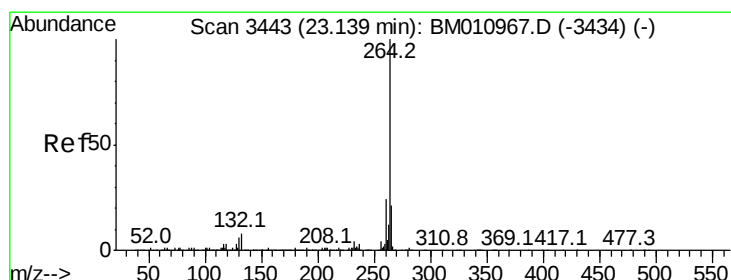
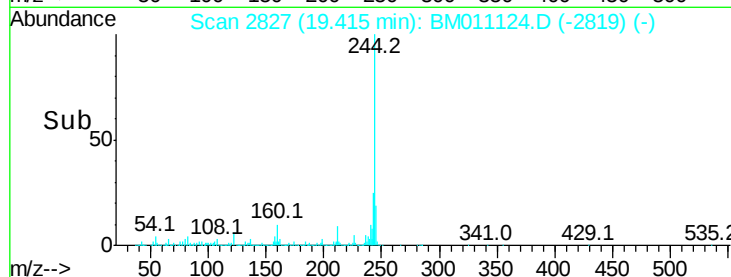
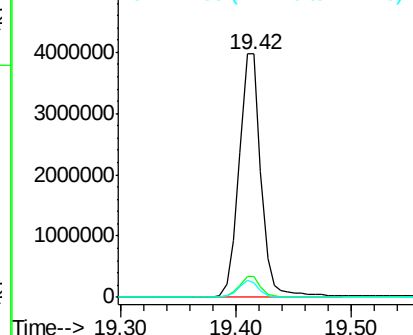
244 100

212 8.5 4.9 7.3#

122 6.1 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: 23.06 min Scan# 3446

Delta R.T. -0.08 min

Lab File: BM011124.D

Acq: 04 Aug 2017 19:11

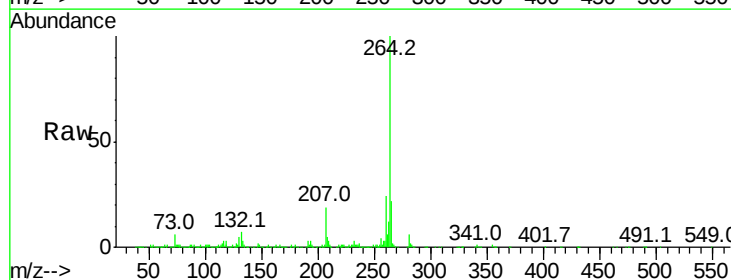
Tgt Ion:264 Resp: 1393202

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 22.2 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

