

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011130.D
 Acq On : 04 Aug 2017 22:48
 Operator : SJ/JU
 Sample : I4562-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 05 04:50:20 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	120105	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	395543	20.00	ng	-0.08
38) Acenaphthene-d10	13.99	164	351588	20.00	ng	-0.06
63) Phenanthrene-d10	16.74	188	838318	20.00	ng	-0.07
75) Chrysene-d12	20.97	240	1040468	20.00	ng	-0.06
86) Perylene-d12	23.05	264	765283	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1000351	140.80	ng	-0.07
7) Phenol-d6	6.52	99	1207382	119.60	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1010233	95.86	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	936981	166.27	ng	-0.06
44) 2-Fluorobiphenyl	12.59	172	2381146	84.94	ng	-0.07
78) Terphenyl-d14	19.41	244	5621990	107.03	ng	-0.06

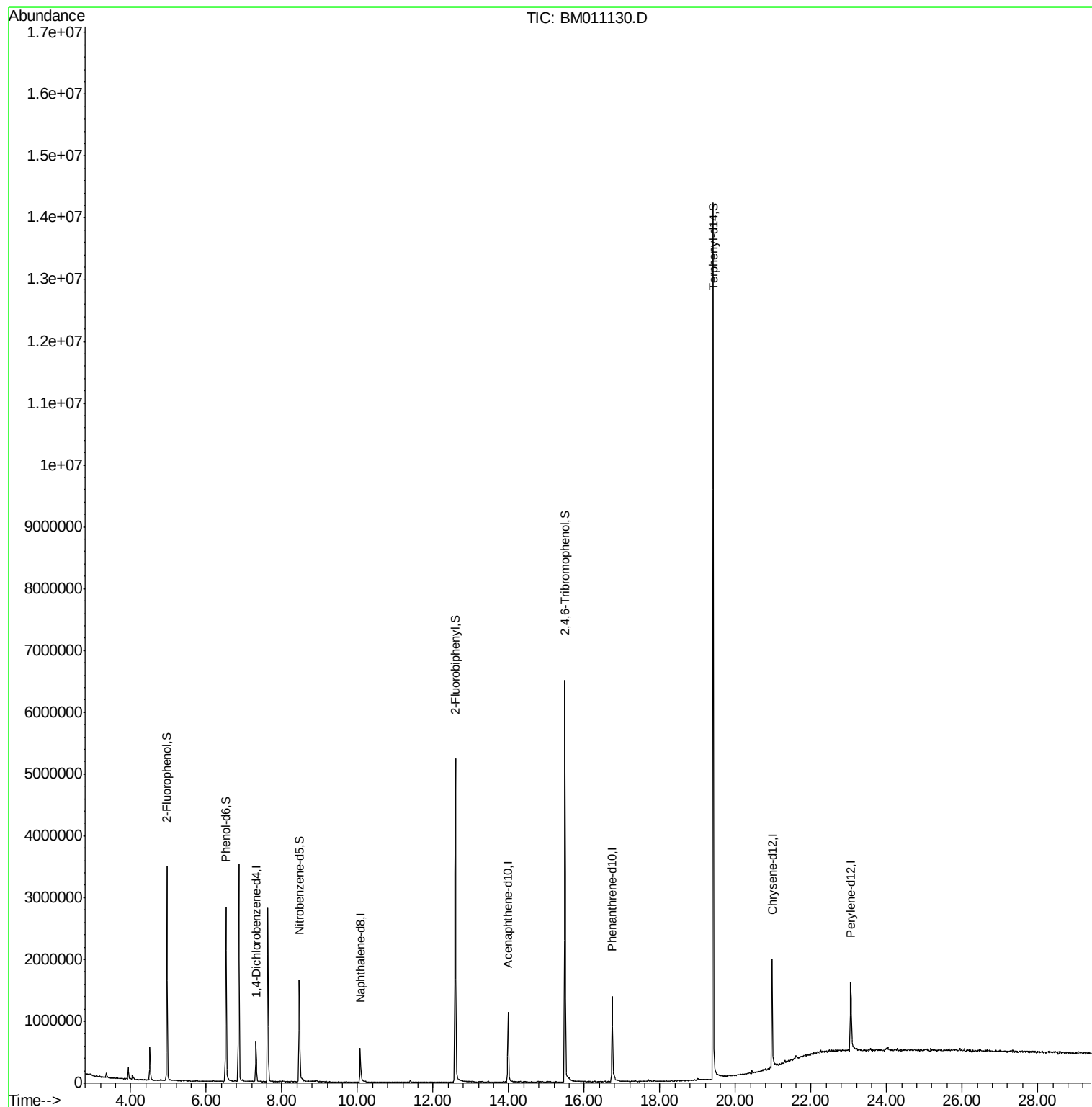
Target Compounds Qvalue

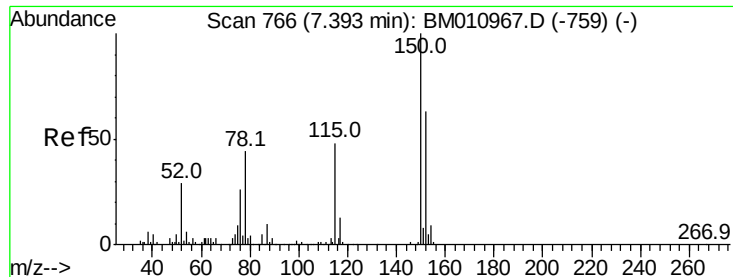
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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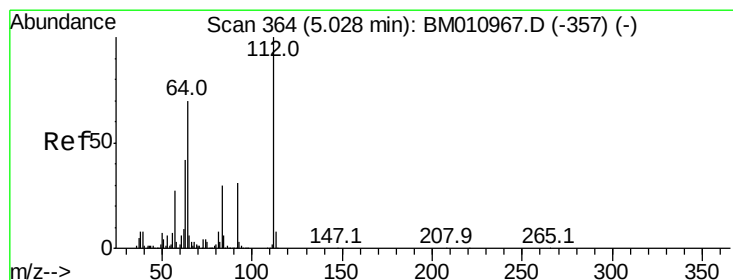
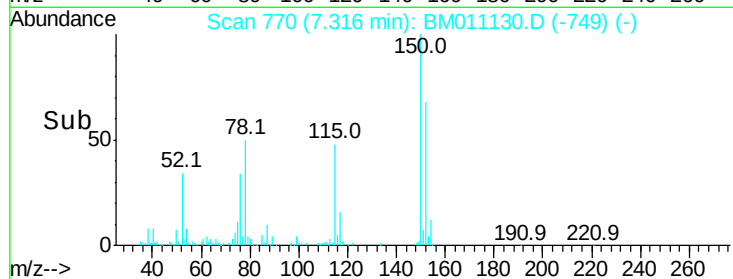
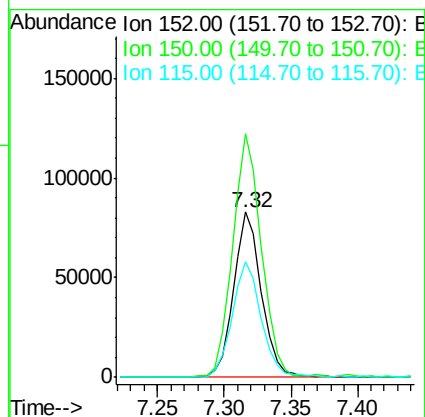
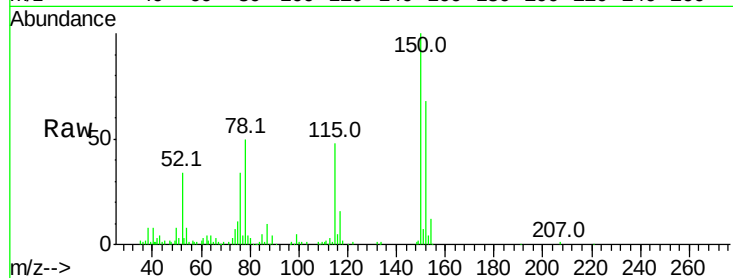


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011130.D
Acq: 04 Aug 2017 22:48

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

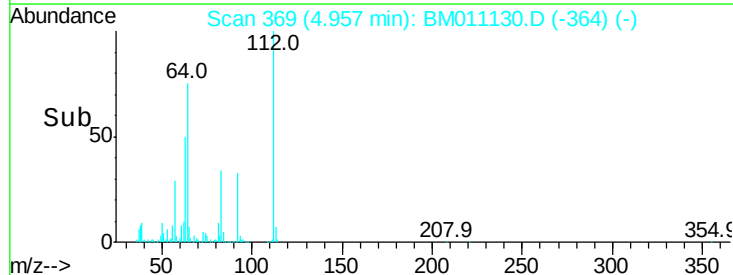
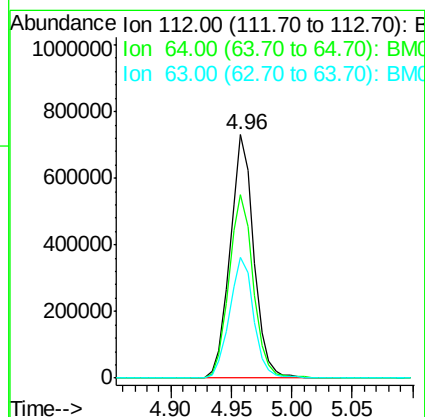
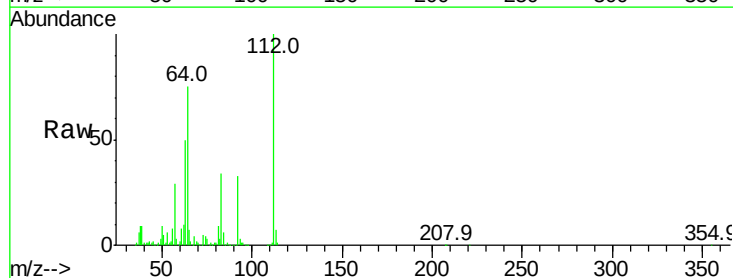
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	119.5	179.3
115	70.3	43.0	64.4#

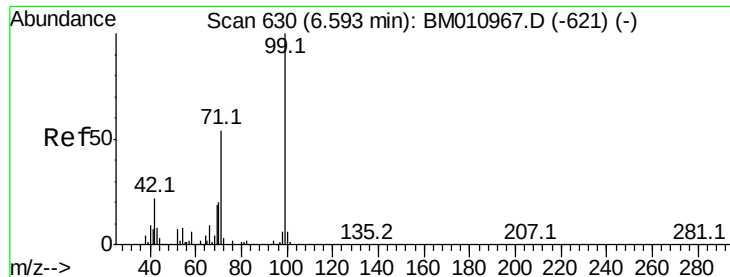


#5

2-Fluorophenol
Concen: 140.796 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011130.D
Acq: 04 Aug 2017 22:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.2	38.6	57.8#
63	49.6	19.3	28.9#





#7

Phenol-d6

Concen: 119.604 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011130.D

Acq: 04 Aug 2017 22:48

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-C

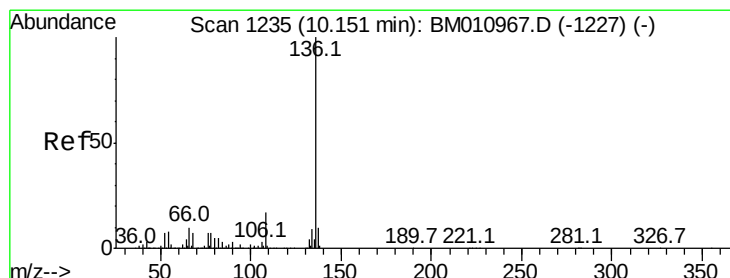
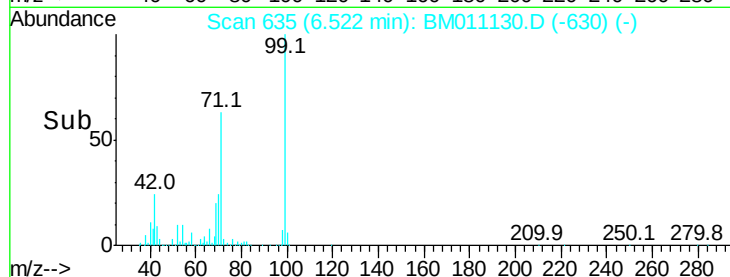
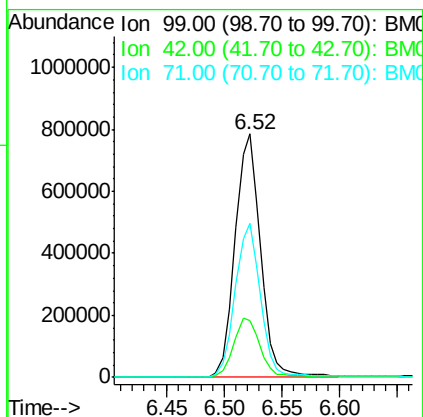
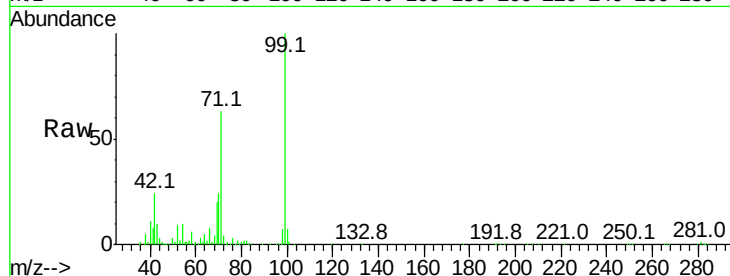
Tot Ion: 99 Resp: 1207382

Ion Ratio Lower Upper

99 100

42 23.6 11.0 16.4#

71 63.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011130.D

Acq: 04 Aug 2017 22:48

Tgt Ion: 136 Resp: 395543

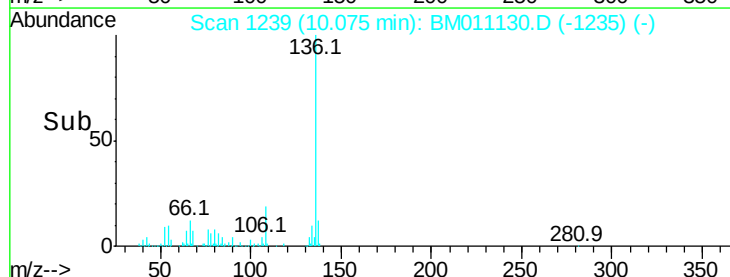
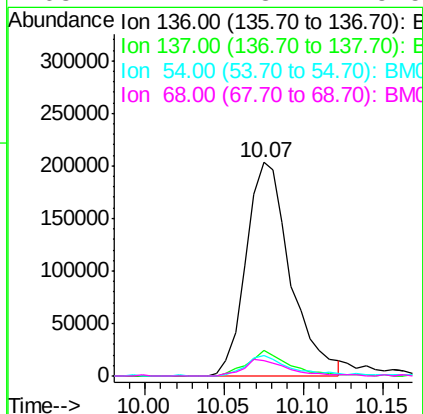
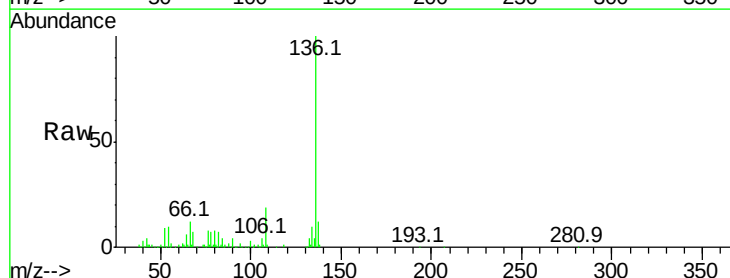
Ion Ratio Lower Upper

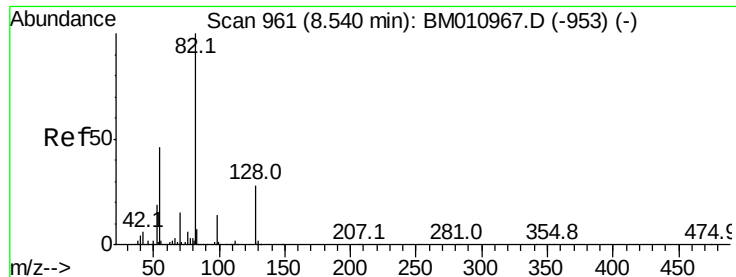
136 100

137 12.2 8.7 13.1

54 9.7 4.6 6.8#

68 7.4 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 95.857 ng

RT: 8.46 min Scan# 965

Delta R.T. -0.08 min

Lab File: BM011130.D

Acq: 04 Aug 2017 22:48

Instrument :

BNA_M

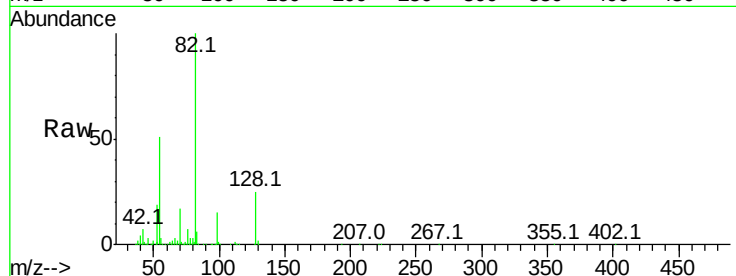
ClientSampleId :

JC-02-080117-C

Tot Ion: 82 Resp: 1010233

Ion Ratio Lower Upper

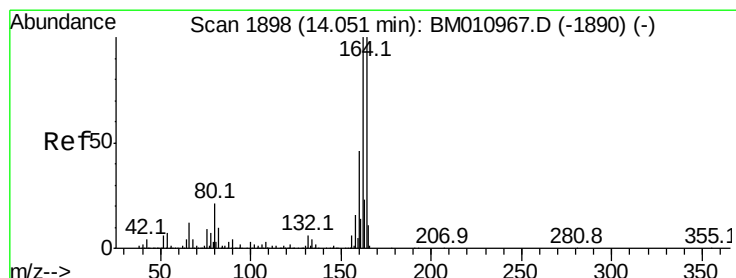
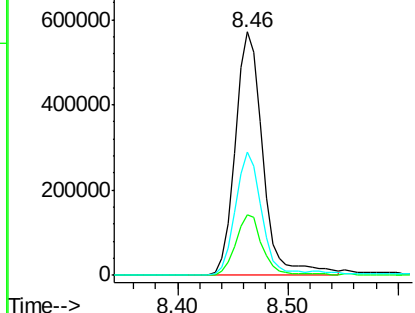
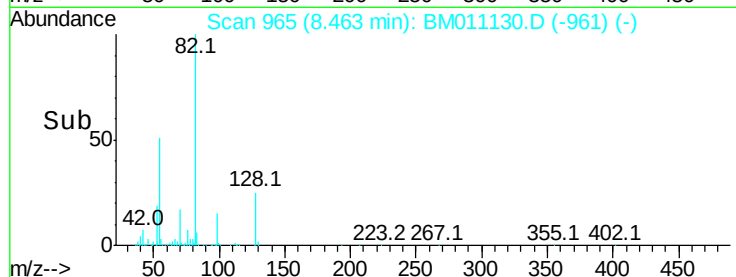
82	100		
128	25.0	32.8	49.2#
54	50.8	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011130.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011130.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011130.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.99 min Scan# 1904

Delta R.T. -0.06 min

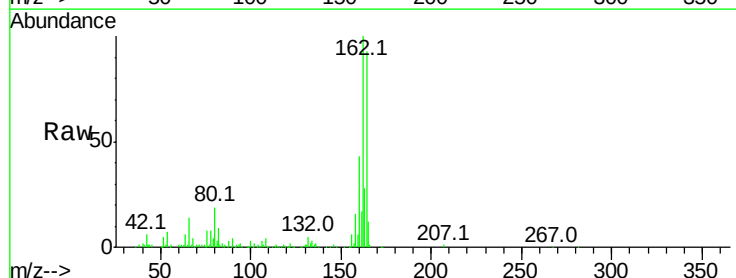
Lab File: BM011130.D

Acq: 04 Aug 2017 22:48

Tgt Ion: 164 Resp: 351588

Ion Ratio Lower Upper

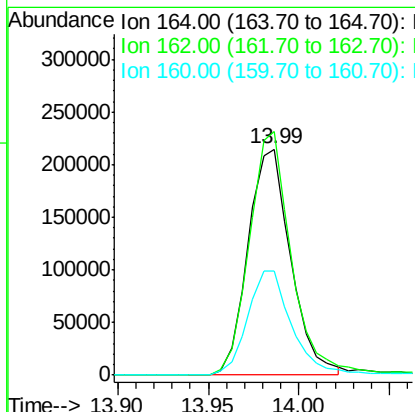
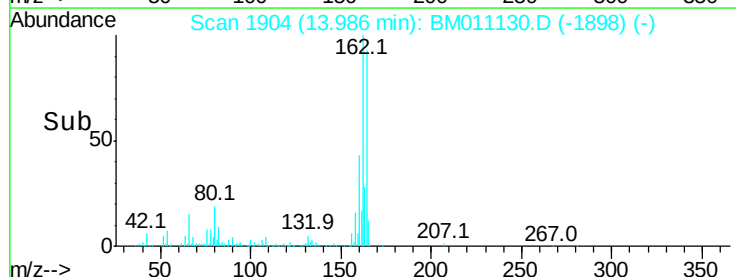
164	100		
162	107.6	82.4	123.6
160	46.0	35.8	53.6

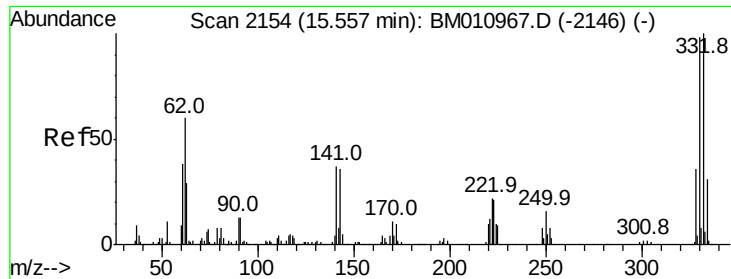


Abundance Ion 164.00 (163.70 to 164.70): BM011130.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011130.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011130.D (-1898) (-)

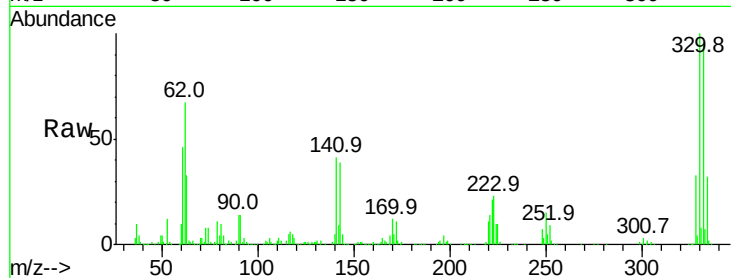




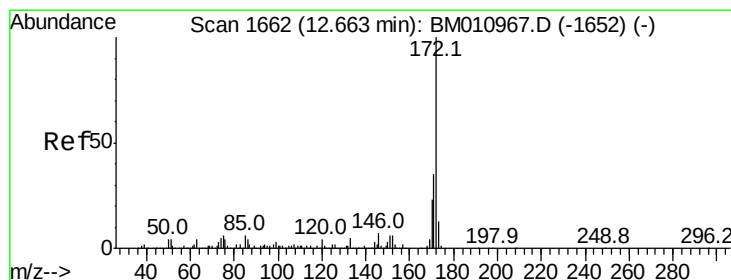
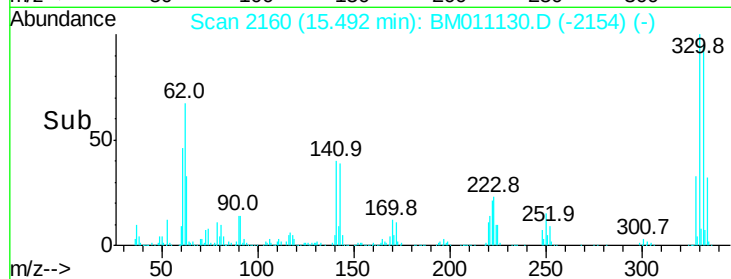
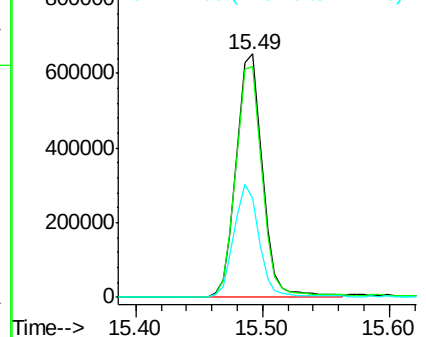
#41
 2,4,6-Tribromophenol
 Concen: 166.272 ng
 RT: 15.49 min Scan# 2160
 Delta R.T. -0.06 min
 Lab File: BM011130.D
 Acq: 04 Aug 2017 22:48

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	44.5	0.0	0.0#

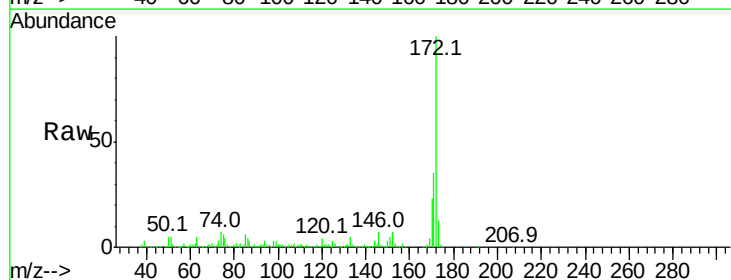


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

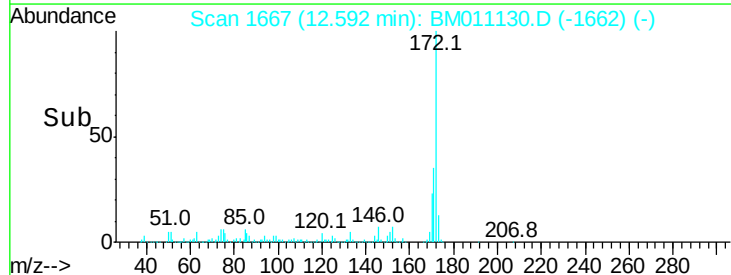
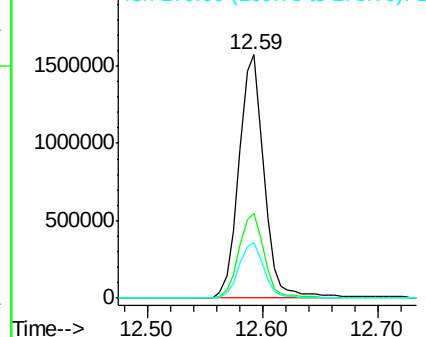


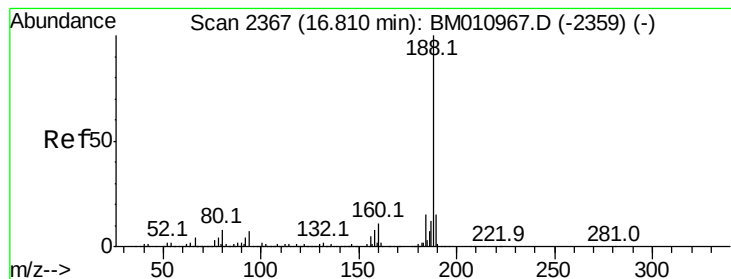
#44
 2-Fluorobiphenyl
 Concen: 84.937 ng
 RT: 12.59 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: BM011130.D
 Acq: 04 Aug 2017 22:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.0	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# 2372

Delta R.T. -0.07 min

Lab File: BM011130.D

Acq: 04 Aug 2017 22:48

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-C

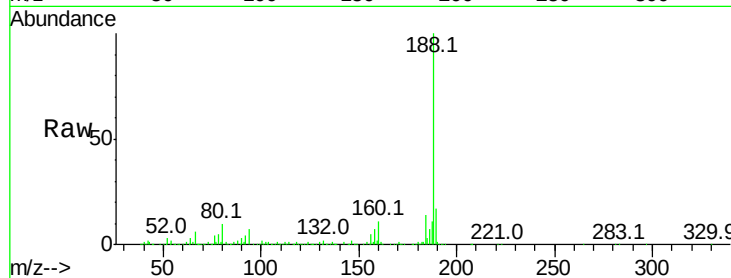
Tot Ion:188 Resp: 838318

Ion Ratio Lower Upper

188 100

94 7.5 8.7 13.1#

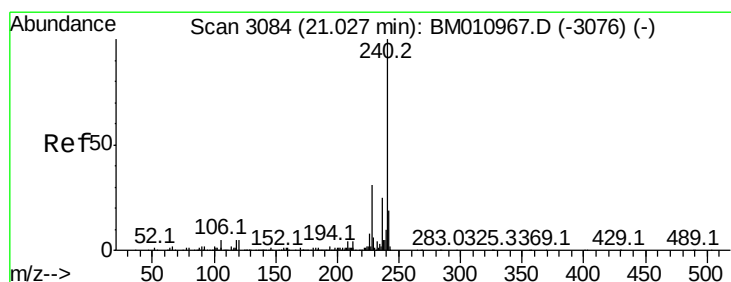
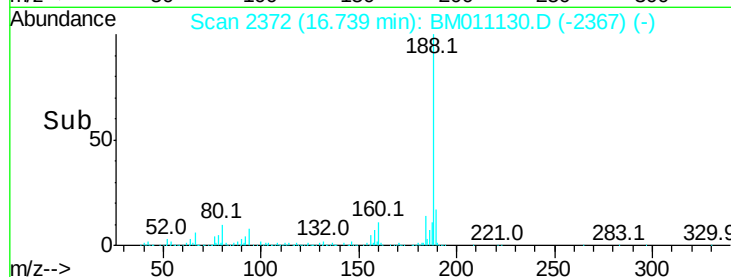
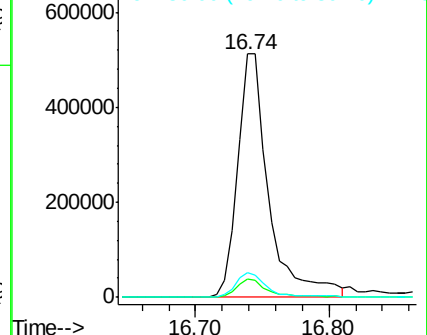
80 10.2 9.3 13.9



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: 20.97 min Scan# 3091

Delta R.T. -0.06 min

Lab File: BM011130.D

Acq: 04 Aug 2017 22:48

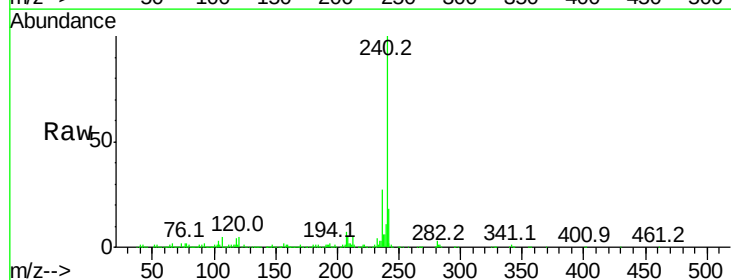
Tgt Ion:240 Resp: 1040468

Ion Ratio Lower Upper

240 100

120 4.6 8.2 12.2#

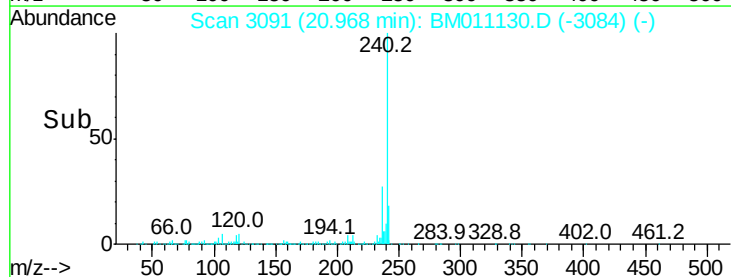
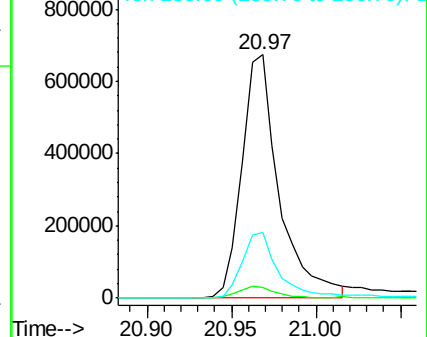
236 26.8 20.0 30.0

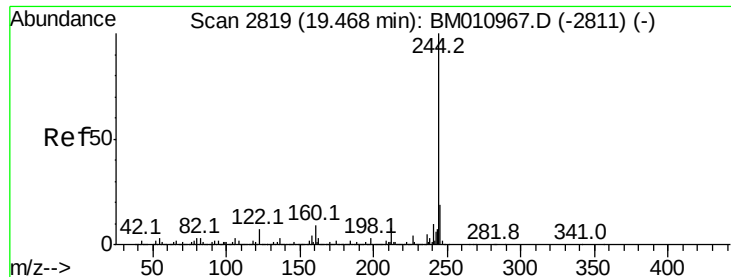


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.033 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011130.D

Acq: 04 Aug 2017 22:48

Instrument :

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ClientSampleId :

JC-02-080117-C

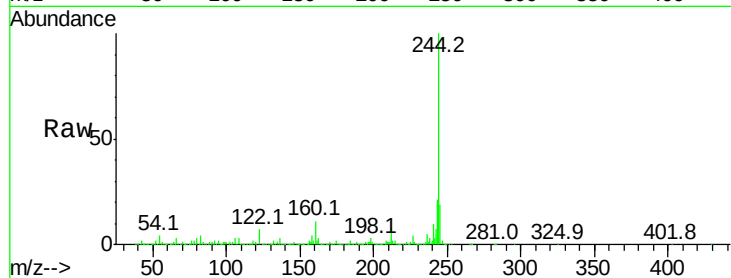
Tot Ion:244 Resp: 5621990

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

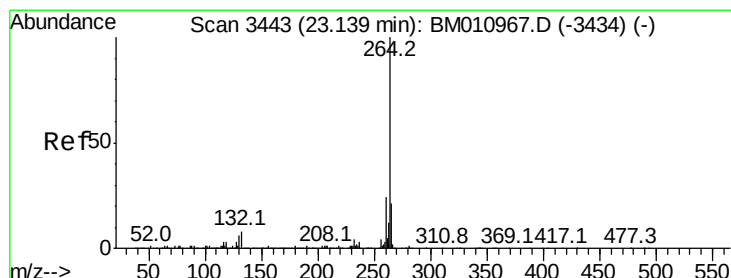
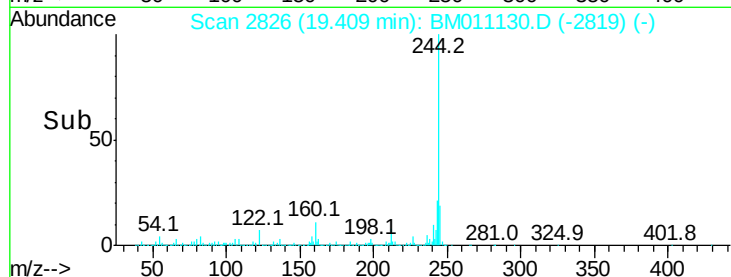
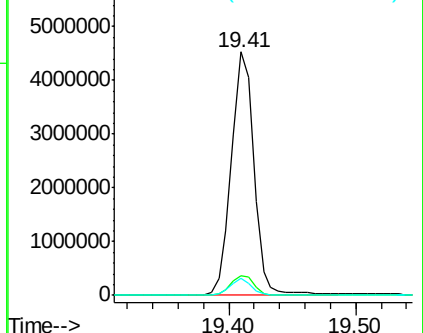
122 6.8 6.2 9.4



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: BM011130.D

Acq: 04 Aug 2017 22:48

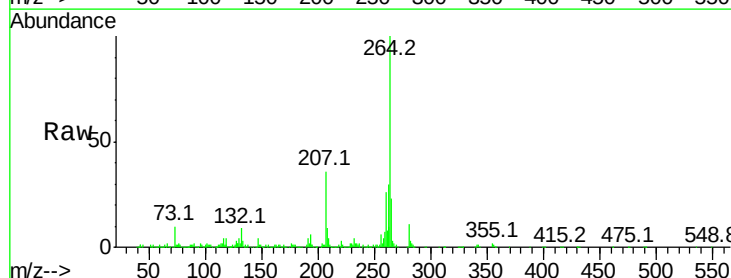
Tgt Ion:264 Resp: 765283

Ion Ratio Lower Upper

264 100

260 25.9 18.6 27.8

265 23.0 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

