

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 :

Quant Time: Aug 05 03:22:07 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

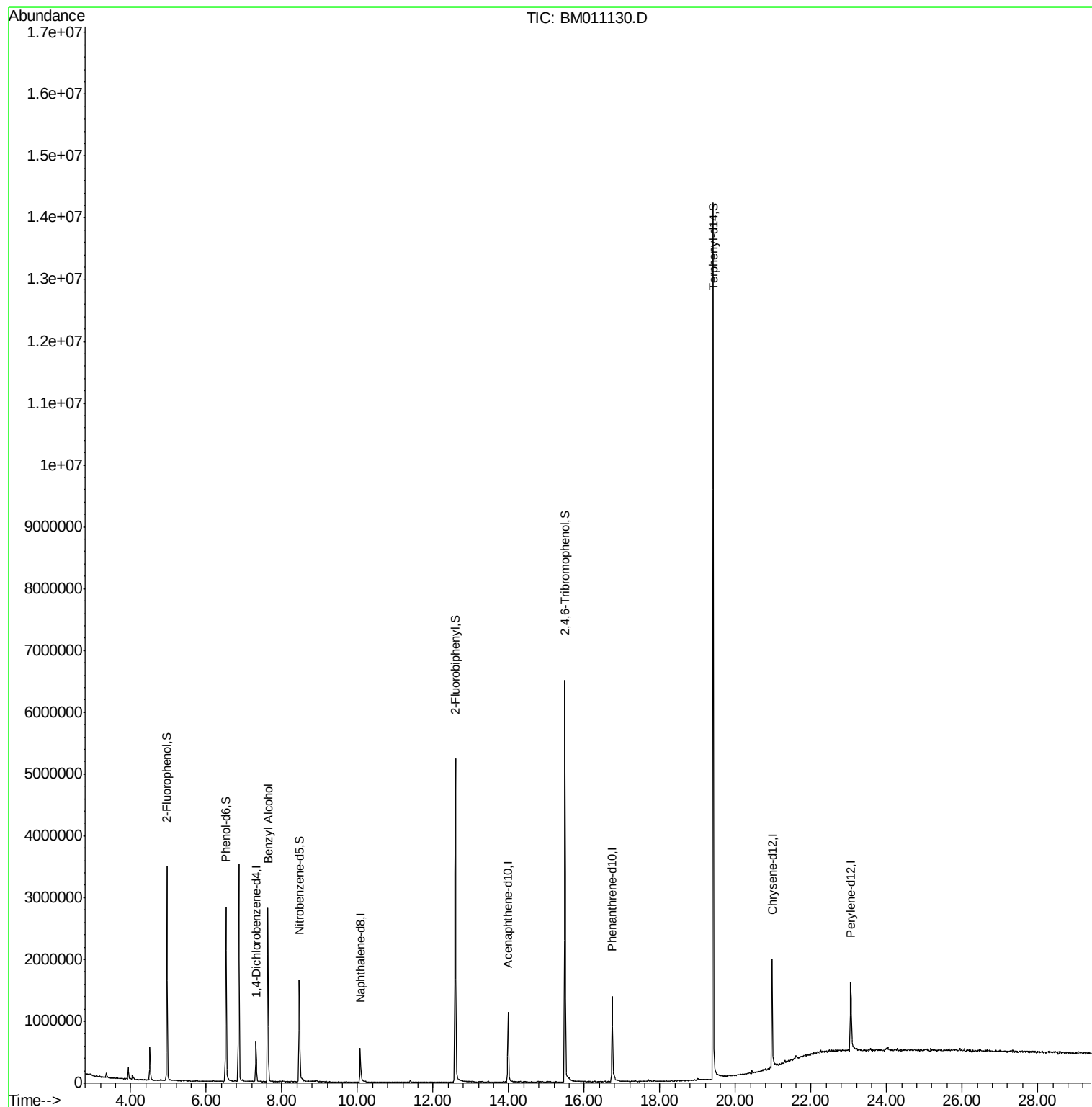
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	120105	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	395543	20.00	ng	-0.08
38) Acenaphthene-d10	13.99	164	351588	20.00	ng	-0.06
63) Phenanthrene-d10	16.74	188	838318	20.00	ng	-0.07
75) Chrysene-d12	20.97	240	1040468	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						
15) Benzyl Alcohol	7.63	79	22552	2.33	ng	Qvalue # 53

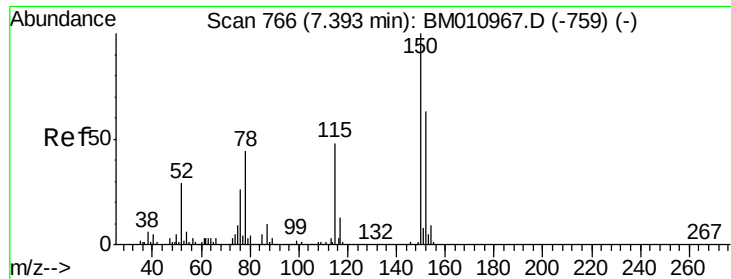
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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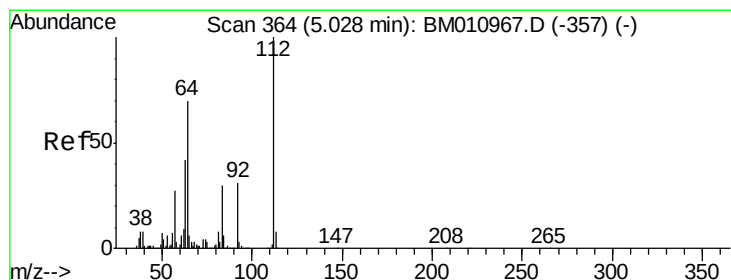
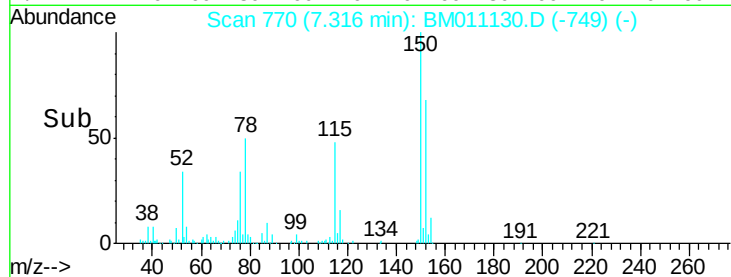
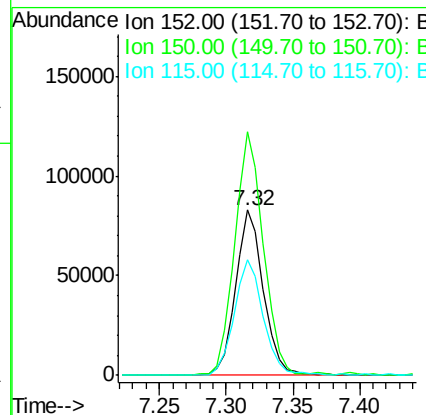
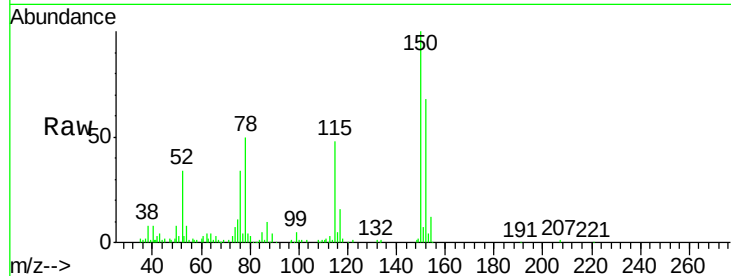


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 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 :

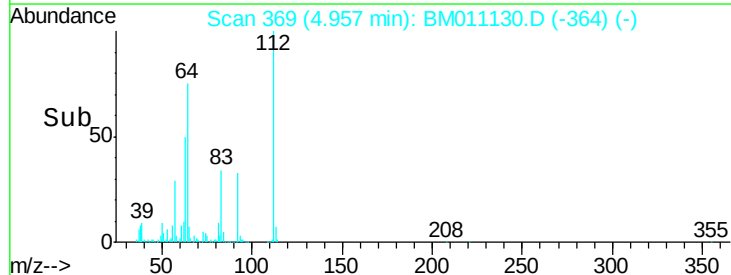
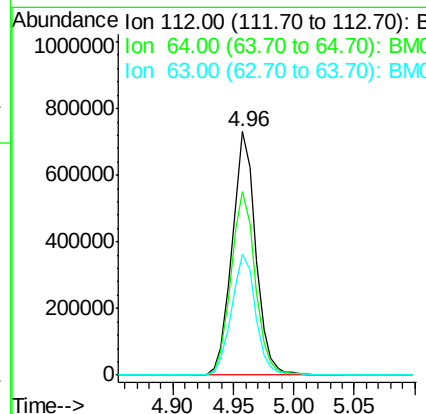
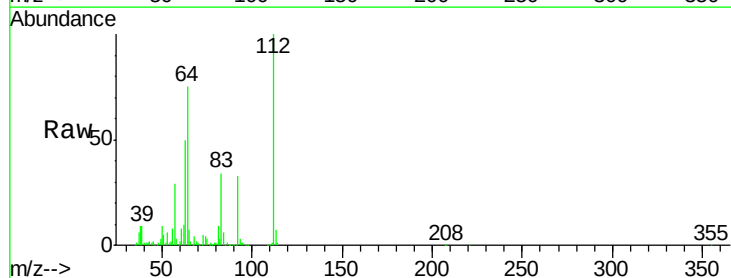
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	119.5	179.3
115	70.3	43.0	64.4

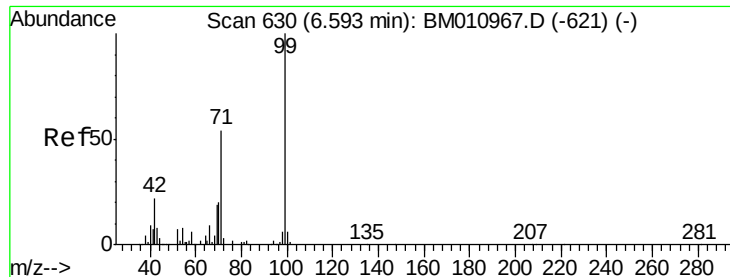


#5

2-Fluorophenol
Concen: 140.80 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: 119.60 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

ClientSampled :

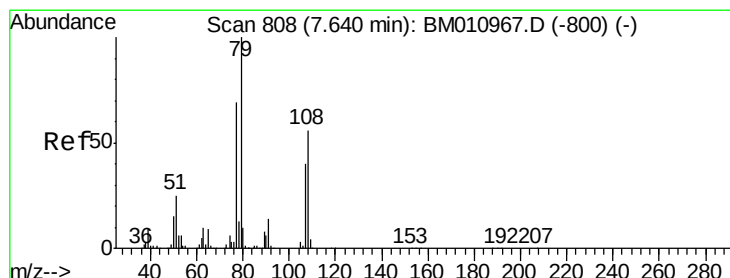
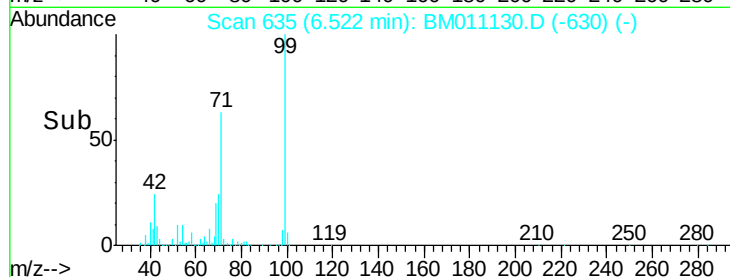
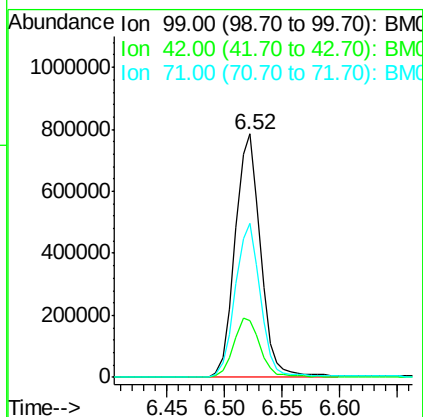
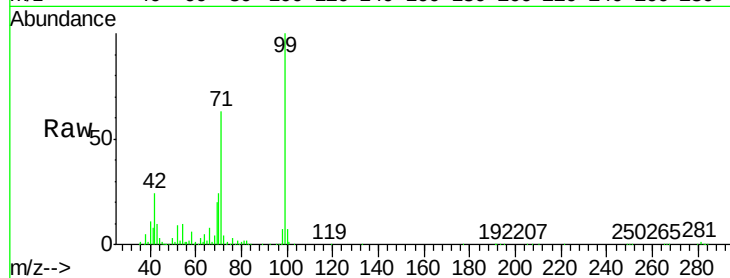
Tot Ion: 99 Resp: 1207382

Ion Ratio Lower Upper

99 100

42 23.6 11.0 16.4#

71 63.1 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.33 ng

RT: 7.63 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM011130.D

Acq: 04 Aug 2017 22:48

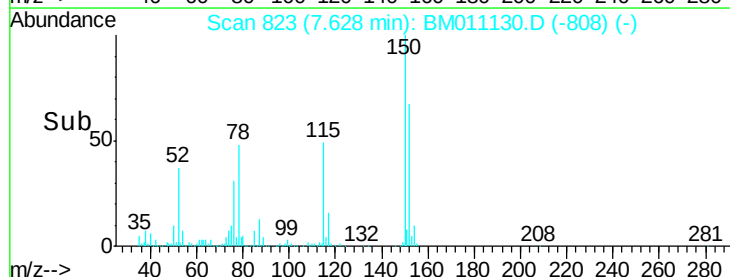
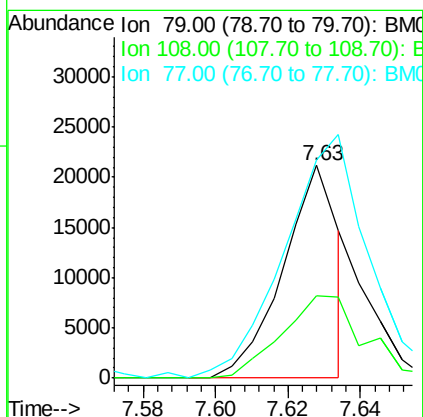
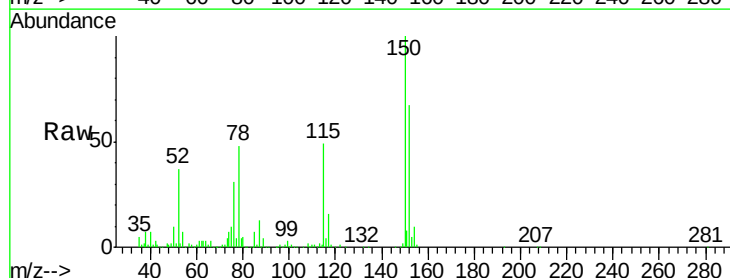
Tgt Ion: 79 Resp: 22552

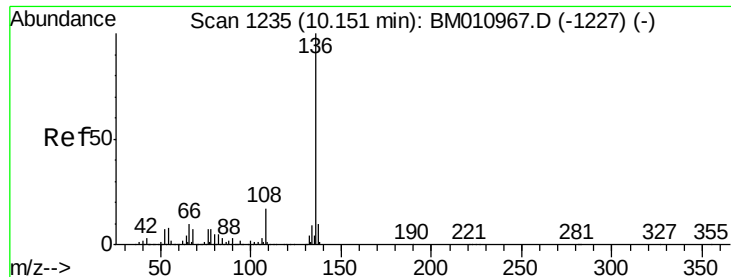
Ion Ratio Lower Upper

79 100

108 38.8 65.0 97.4#

77 102.8 53.0 79.6#

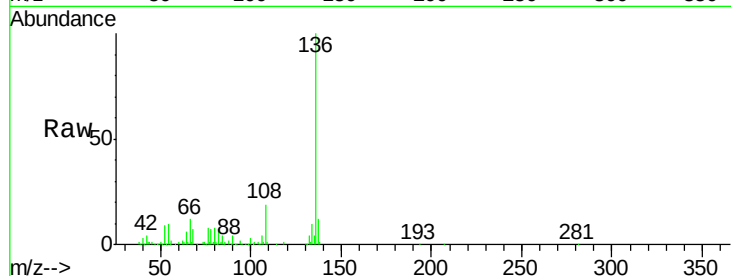




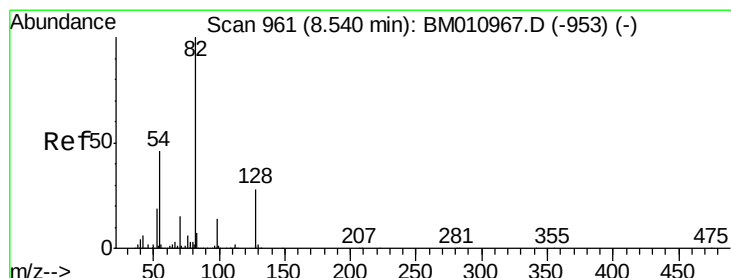
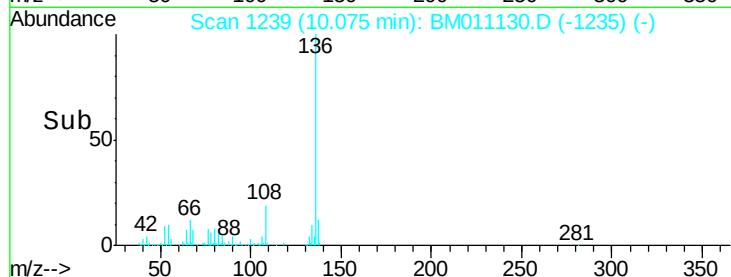
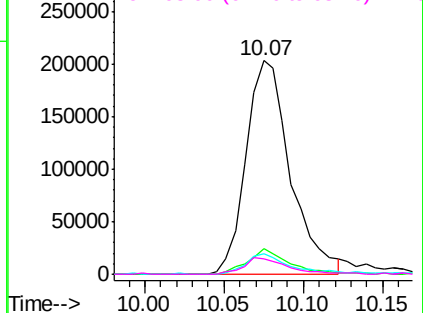
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: BM011130.D
Acq: 04 Aug 2017 22:48

Instrument :
BNA_M
ClientSampleId :

Tot 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#

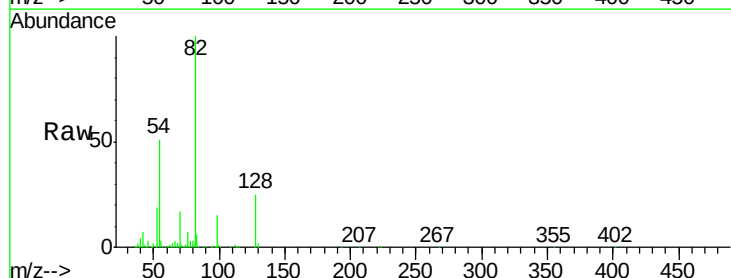


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

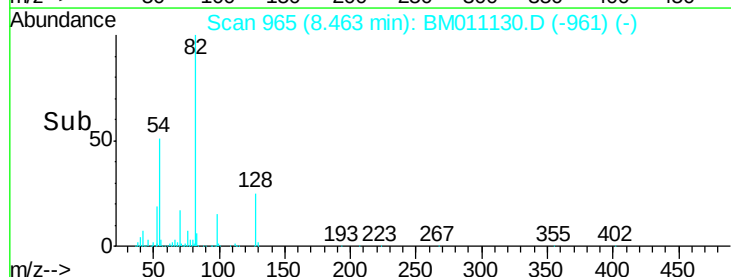
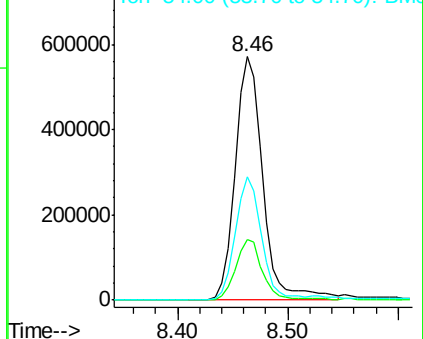


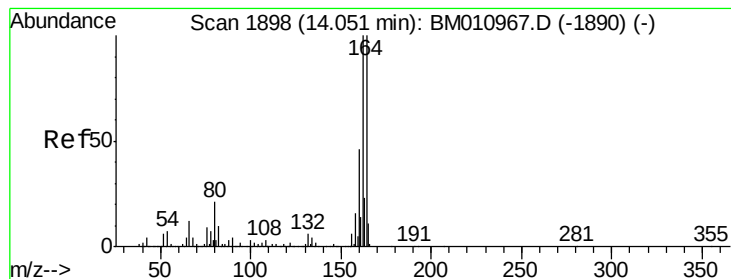
#23
Nitrobenzene-d5
Concen: 95.86 ng
RT: 8.46 min Scan# 965
Delta R.T. -0.08 min
Lab File: BM011130.D
Acq: 04 Aug 2017 22:48

Tgt 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): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.99 min Scan# 1904

Delta R.T. -0.06 min

Lab File: BM011130.D

Acq: 04 Aug 2017 22:48

Instrument :

BNA_M

ClientSampleId :

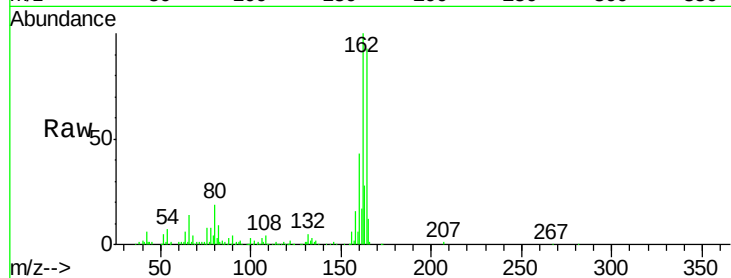
Tot Ion:164 Resp: 351588

Ion Ratio Lower Upper

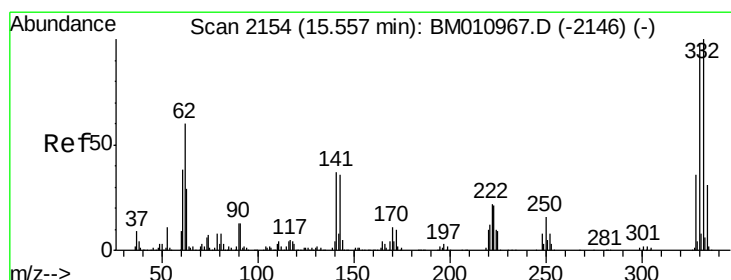
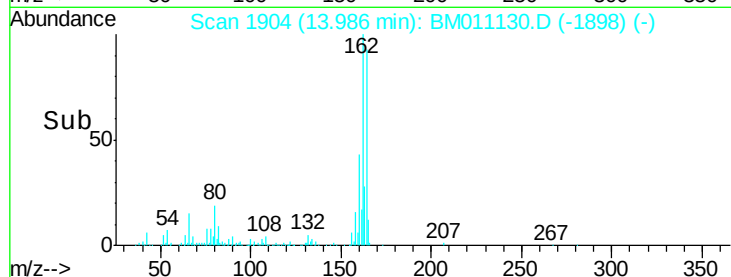
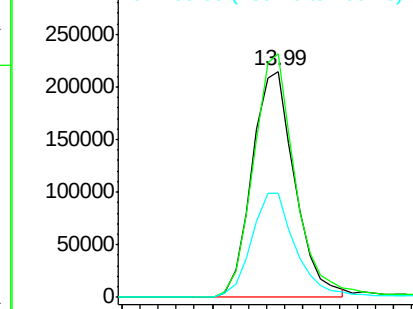
164 100

162 107.6 82.4 123.6

160 46.0 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 166.27 ng

RT: 15.49 min Scan# 2160

Delta R.T. -0.06 min

Lab File: BM011130.D

Acq: 04 Aug 2017 22:48

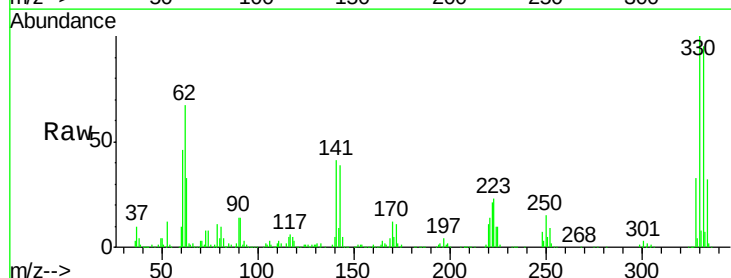
Tgt Ion:330 Resp: 936981

Ion Ratio Lower Upper

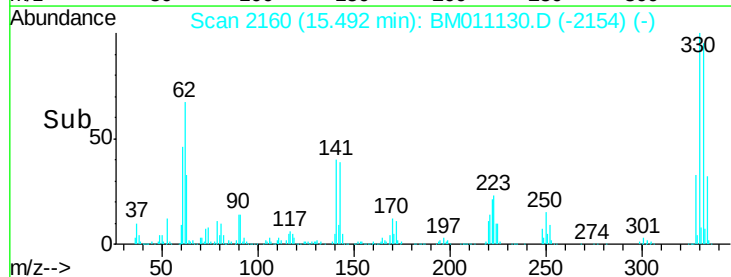
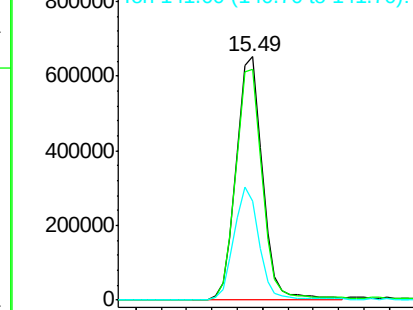
330 100

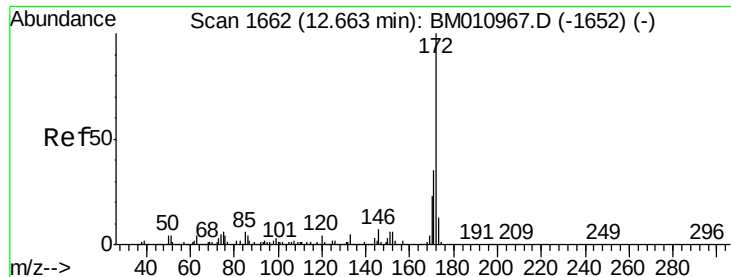
332 95.7 0.0 0.0#

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

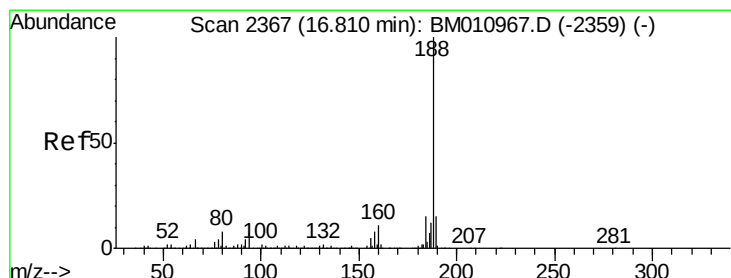
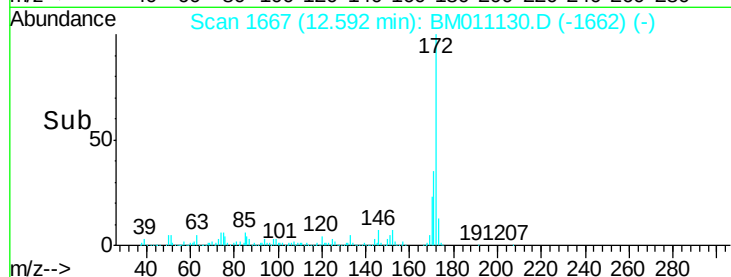
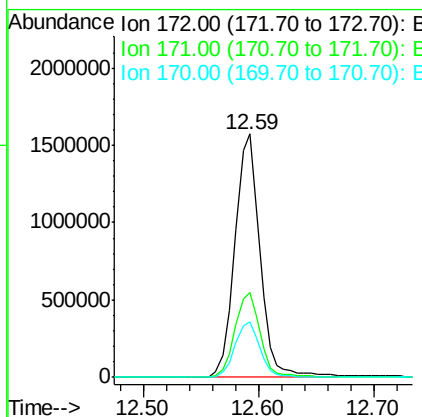
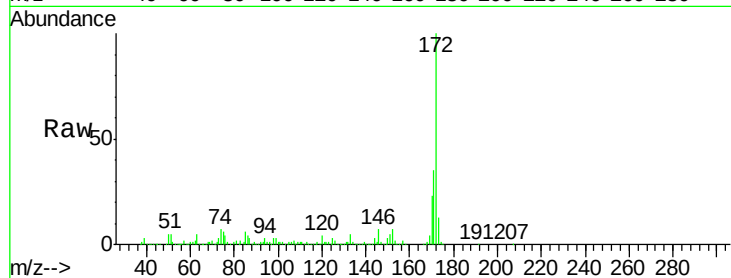




#44
2-Fluorobiphenyl
Concen: 84.94 ng
RT: 12.59 min Scan# 1667
Delta R.T. -0.07 min
Lab File: BM011130.D
Acq: 04 Aug 2017 22:48

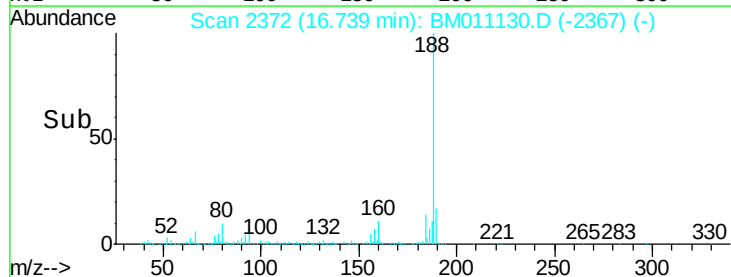
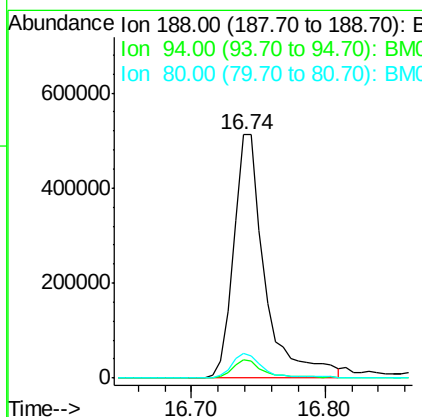
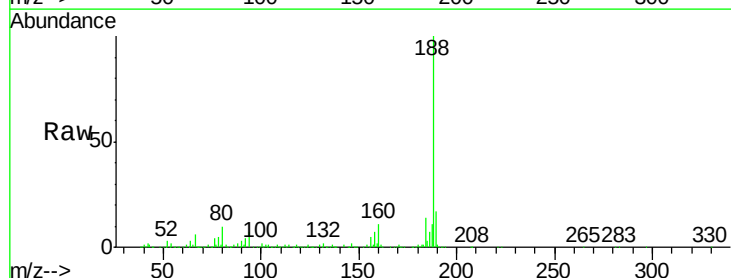
Instrument :
BNA_M
ClientSampleId :

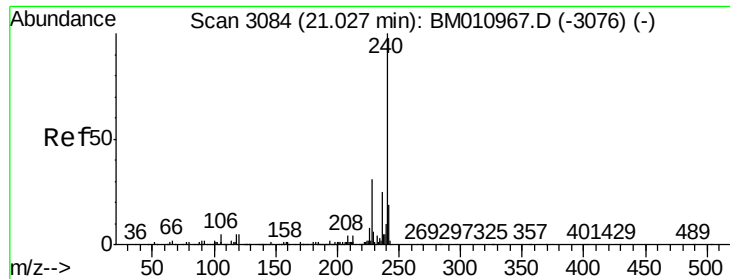
Tot Ion:172 Resp: 2381146
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.0 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011130.D
Acq: 04 Aug 2017 22:48

Tgt Ion:188 Resp: 838318
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 10.2 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.97 min Scan# 3091

Delta R.T. -0.06 min

Lab File: BM011130.D

Acq: 04 Aug 2017 22:48

Instrument :

BNA_M

ClientSampleId :

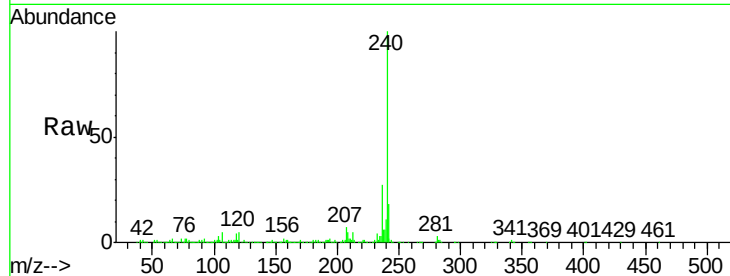
Tot Ion:240 Resp: 1040468

Ion Ratio Lower Upper

240 100

120 4.6 8.2 12.2#

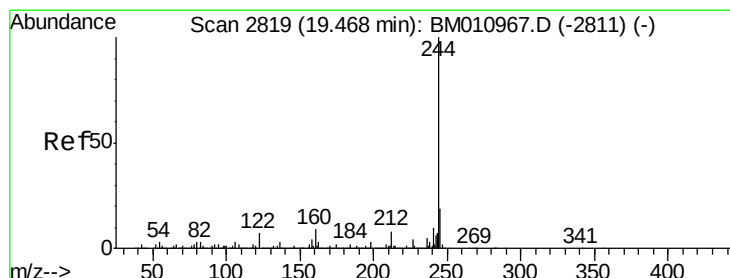
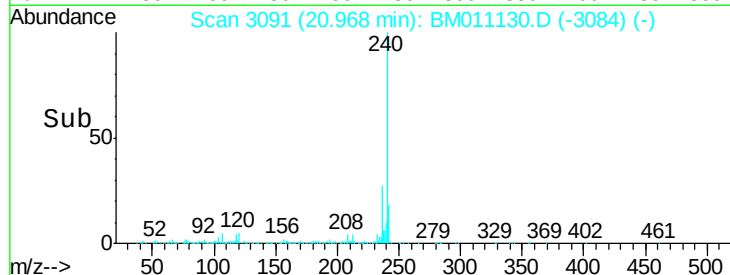
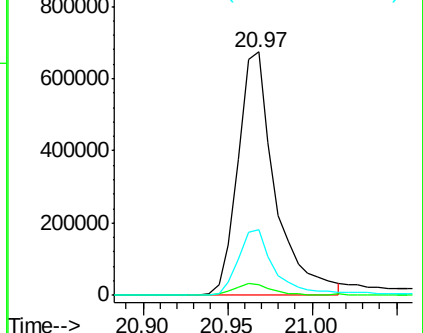
236 26.8 20.0 30.0



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: 107.03 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011130.D

Acq: 04 Aug 2017 22:48

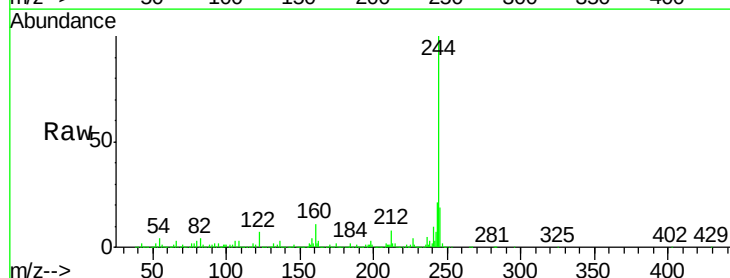
Tgt Ion:244 Resp: 5621990

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

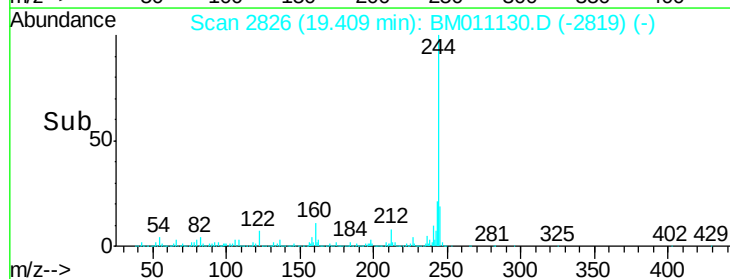
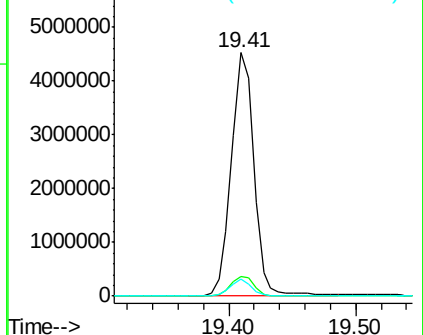
122 6.8 6.2 9.4

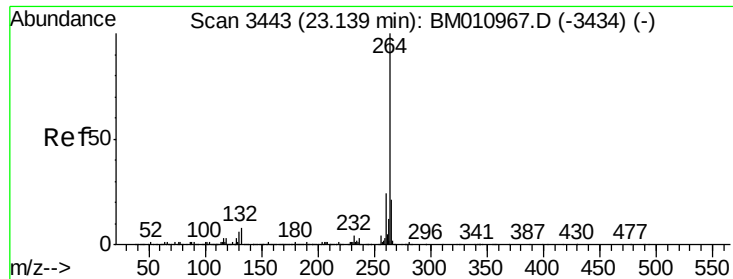


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

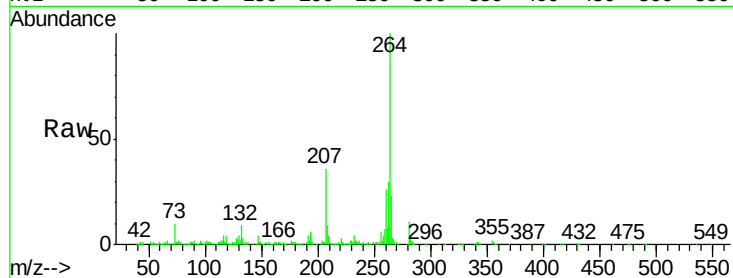




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.05 min Scan# 3445
Delta R.T. -0.09 min
Lab File: BM011130.D
Acq: 04 Aug 2017 22:48

Instrument :
BNA_M
ClientSampleId :

Tot 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

