

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011116.D
 Acq On : 03 Aug 2017 08:30
 Operator : SJ/JU
 Sample : I4369-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1-20170720

Quant Time: Aug 03 13:49:15 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	7.38	152	189875	20.00	ng	-0.01
21) Naphthalene-d8	10.13	136	703266	20.00	ng	-0.02
38) Acenaphthene-d10	14.03	164	457460	20.00	ng	-0.02
63) Phenanthrene-d10	16.79	188	1174450	20.00	ng	-0.02
75) Chrysene-d12	21.01	240	1050680	20.00	ng	-0.02
86) Perylene-d12	23.12	264	649328	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	873668	77.78	ng	0.00
7) Phenol-d6	6.58	99	1122370	70.33	ng	-0.02
23) Nitrobenzene-d5	8.53	82	1835704	97.97	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	664373	90.61	ng	-0.02
44) 2-Fluorobiphenyl	12.65	172	3357166	92.04	ng	-0.02
78) Terphenyl-d14	19.46	244	5193674	97.92	ng	-0.01

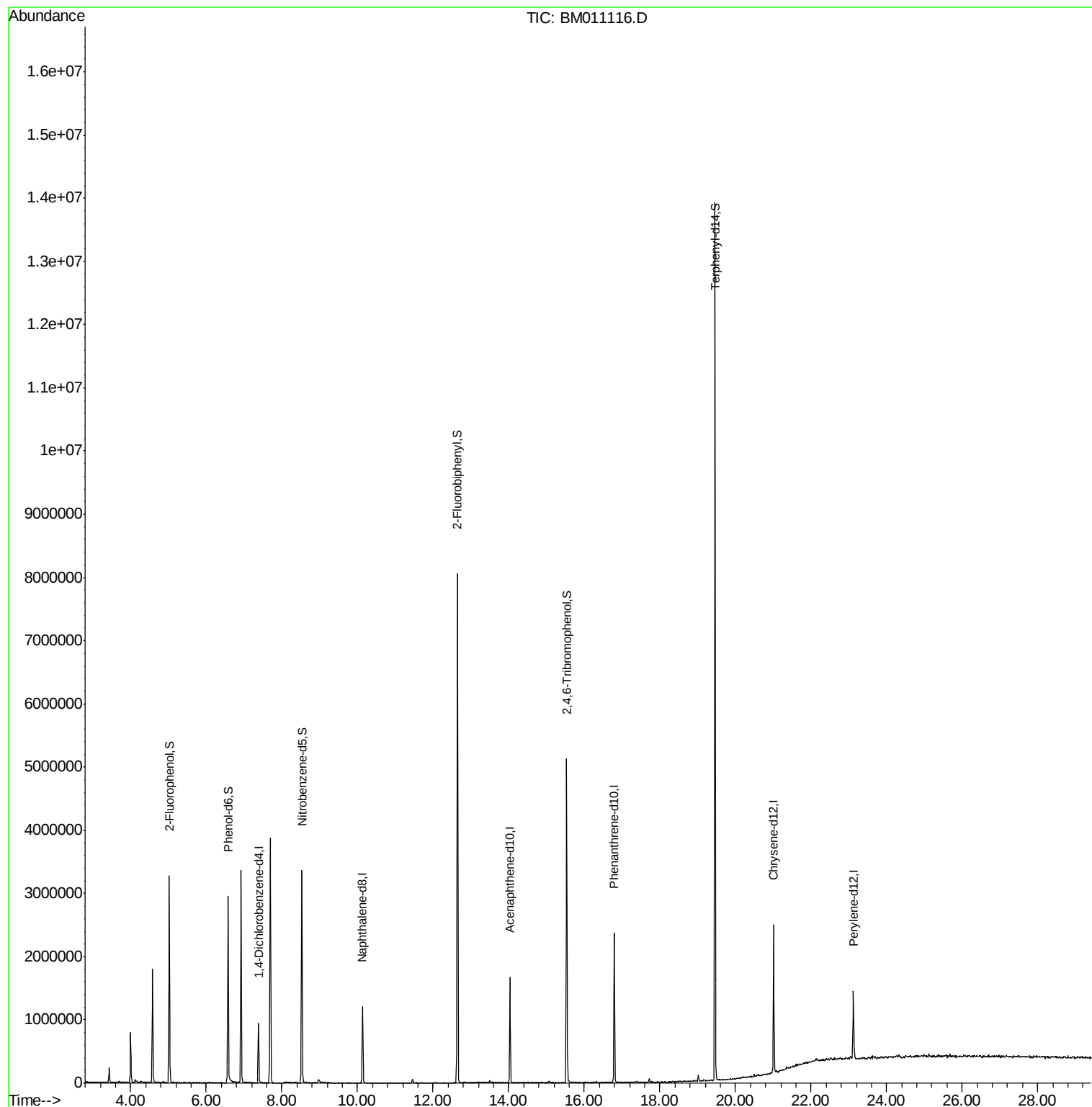
Target Compounds Qvalue

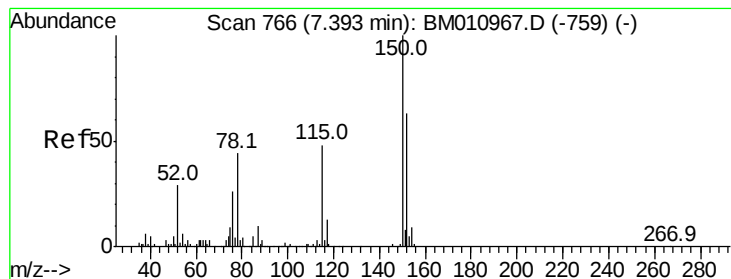
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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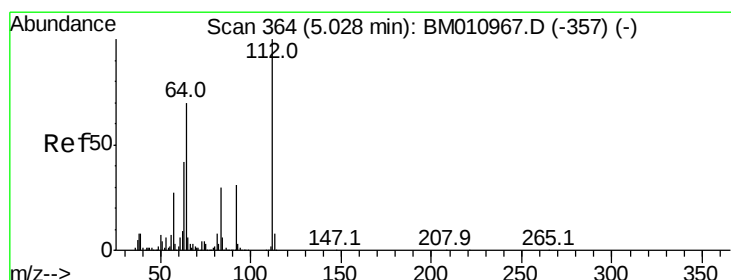
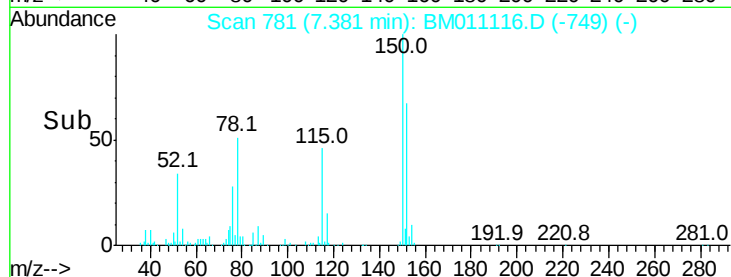
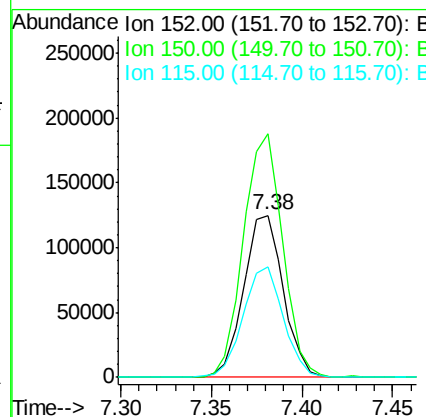
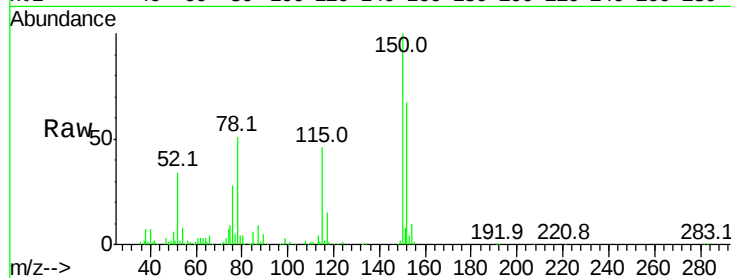


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011116.D
Acq: 03 Aug 2017 08:30

Instrument :
BNA_M
ClientSampleId :
WC-1-20170720

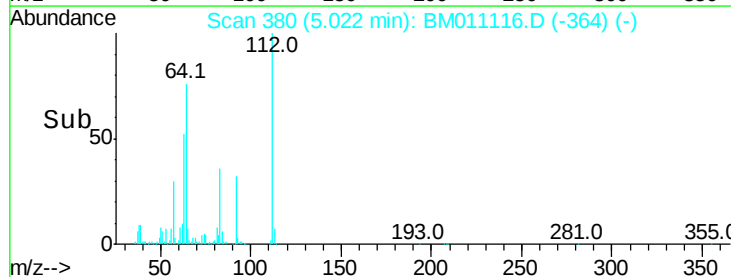
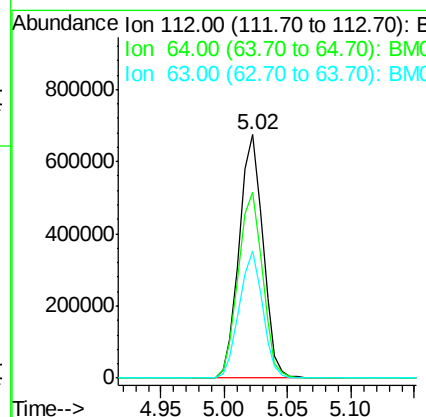
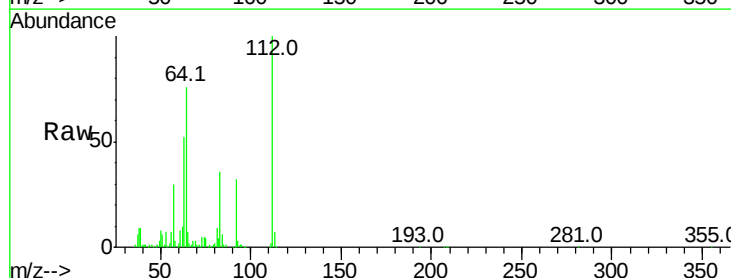
Tot Ion	152	Resp	189875
Ion	Ratio	Lower	Upper
152	100		
150	150.2	119.5	179.3
115	68.5	43.0	64.4

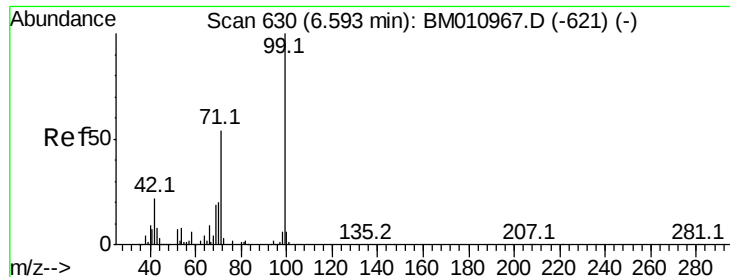


#5

2-Fluorophenol
Concen: 77.782 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011116.D
Acq: 03 Aug 2017 08:30

Tgt Ion	112	Resp	873668
Ion	Ratio	Lower	Upper
112	100		
64	76.1	38.6	57.8
63	52.1	19.3	28.9





#7

Phenol-d6

Concen: 70.328 ng

RT: 6.58 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM011116.D

Acq: 03 Aug 2017 08:30

Instrument :

BNA_M

ClientSampleId :

WC-1-20170720

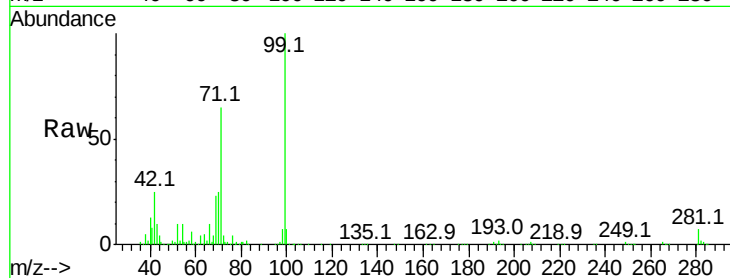
Tot Ion: 99 Resp: 1122370

Ion Ratio Lower Upper

99 100

42 24.8 11.0 16.4#

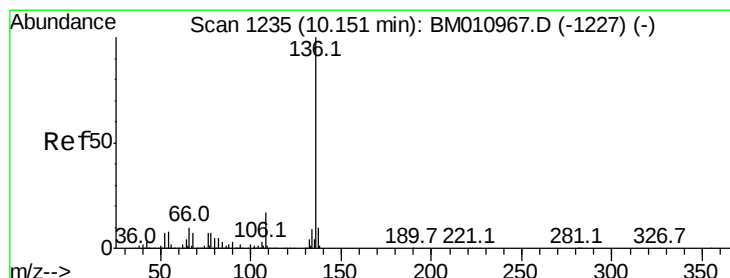
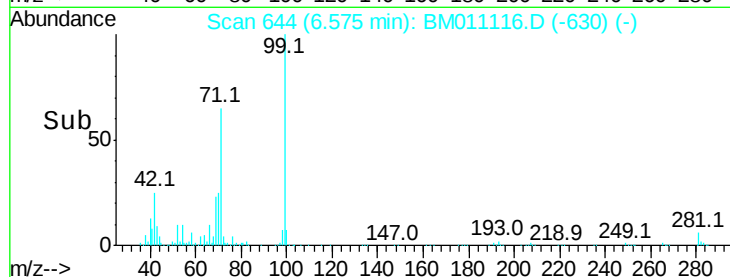
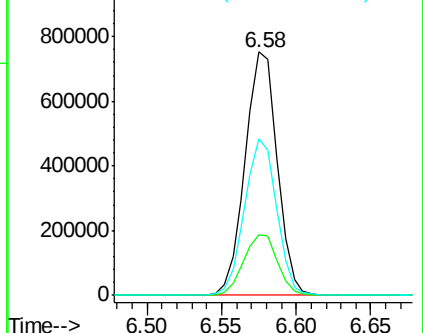
71 64.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.13 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BM011116.D

Acq: 03 Aug 2017 08:30

Tgt Ion: 136 Resp: 703266

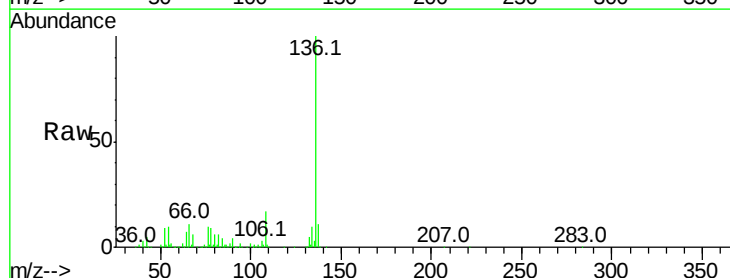
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.9 4.6 6.8#

68 6.4 3.7 5.5#

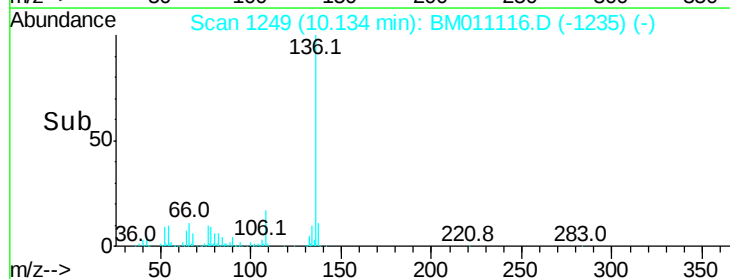
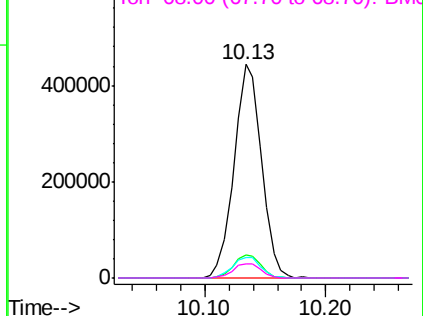


Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)

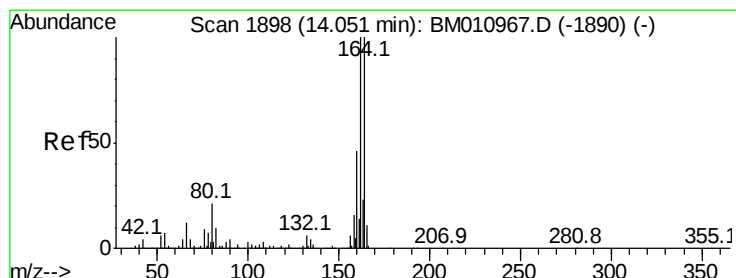
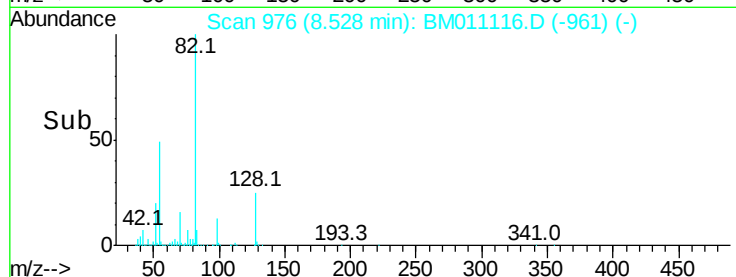
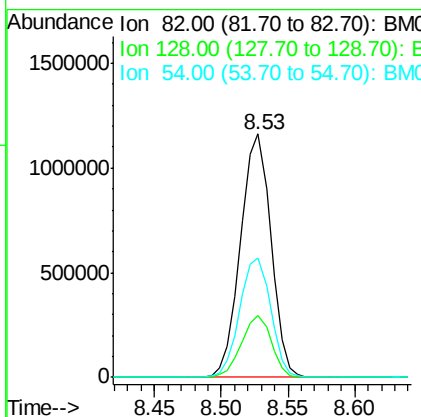
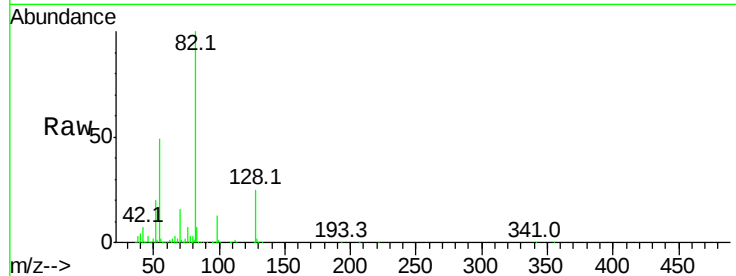




#23
Nitrobenzene-d5
Concen: 97.967 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011116.D
Acq: 03 Aug 2017 08:30

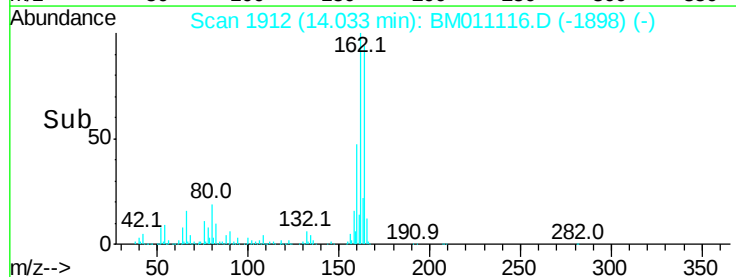
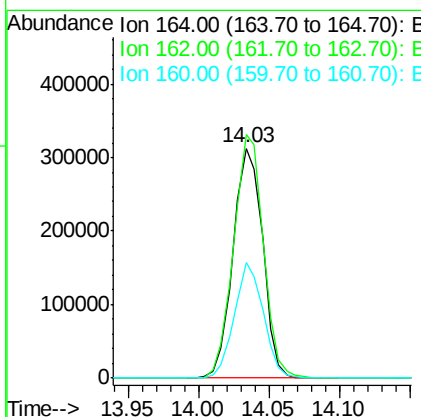
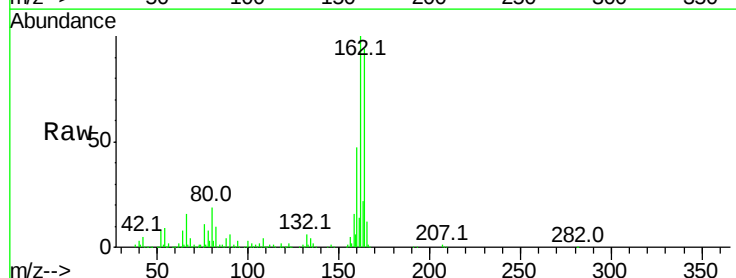
Instrument :
BNA_M
ClientSampleId :
WC-1-20170720

Tot Ion: 82 Resp: 1835704
Ion Ratio Lower Upper
82 100
128 25.5 32.8 49.2#
54 49.0 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.03 min Scan# 1912
Delta R.T. -0.02 min
Lab File: BM011116.D
Acq: 03 Aug 2017 08:30

Tgt Ion:164 Resp: 457460
Ion Ratio Lower Upper
164 100
162 105.9 82.4 123.6
160 50.3 35.8 53.6

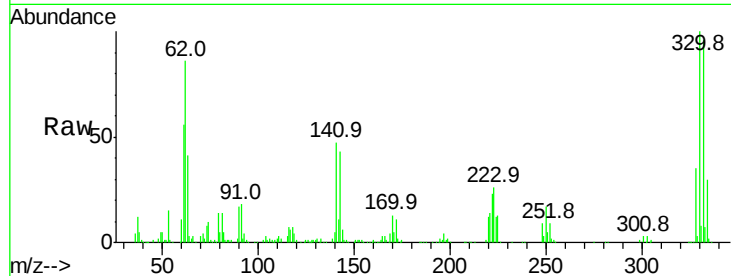




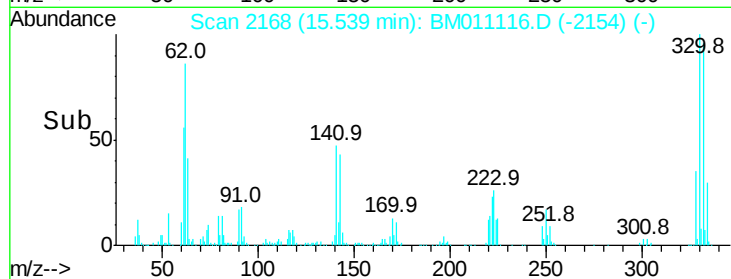
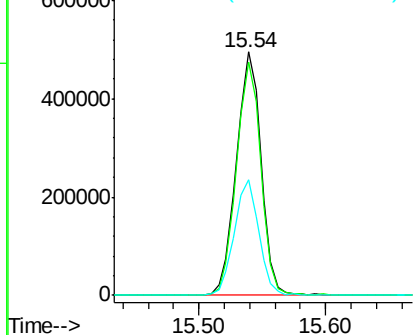
#41
 2,4,6-Tribromophenol
 Concen: 90.611 ng
 RT: 15.54 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM011116.D
 Acq: 03 Aug 2017 08:30

Instrument :
 BNA_M
 ClientSampleId :
 WC-1-20170720

Tot Ion:330 Resp: 664373
 Ion Ratio Lower Upper
 330 100
 332 94.6 0.0 0.0#
 141 47.2 0.0 0.0#

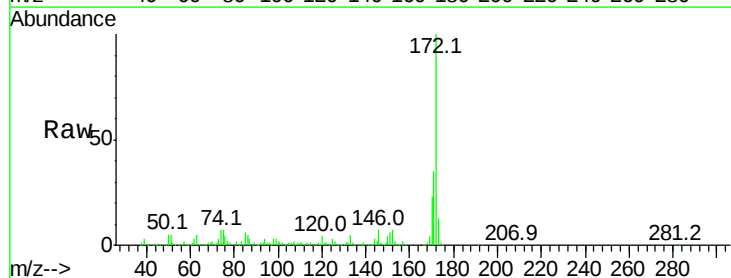


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

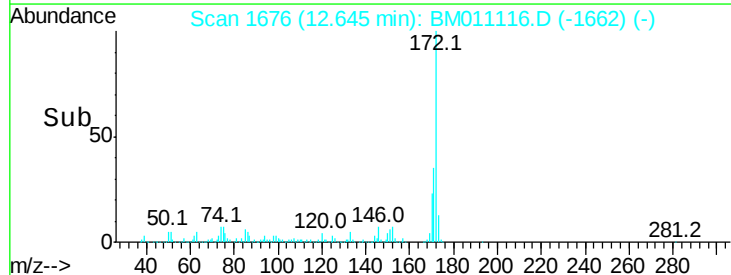
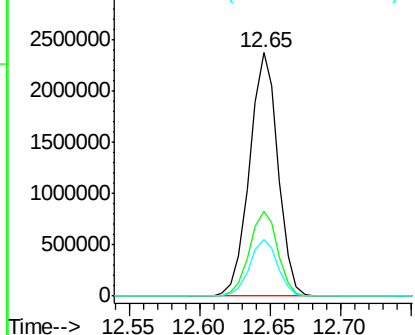


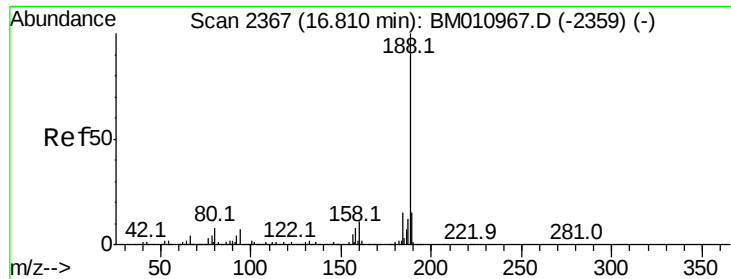
#44
 2-Fluorobiphenyl
 Concen: 92.037 ng
 RT: 12.65 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM011116.D
 Acq: 03 Aug 2017 08:30

Tgt Ion:172 Resp: 3357166
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.5 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

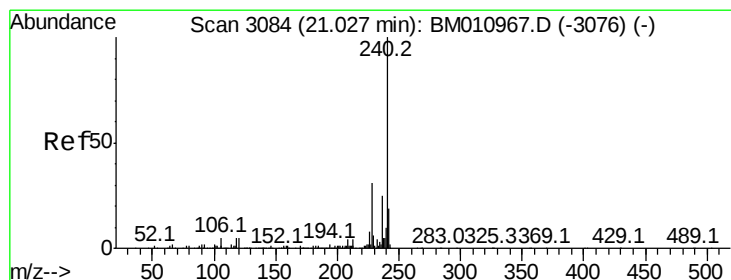
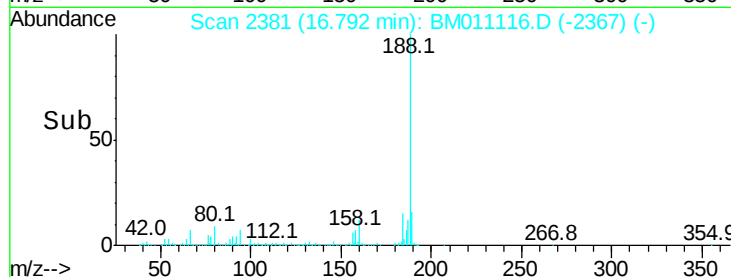
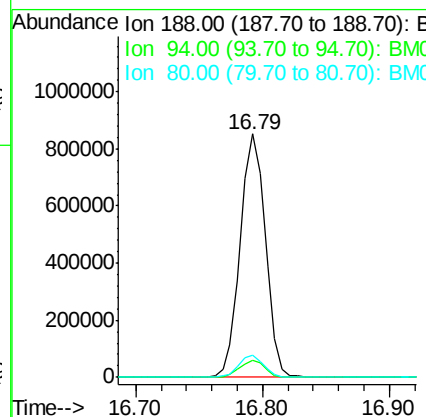
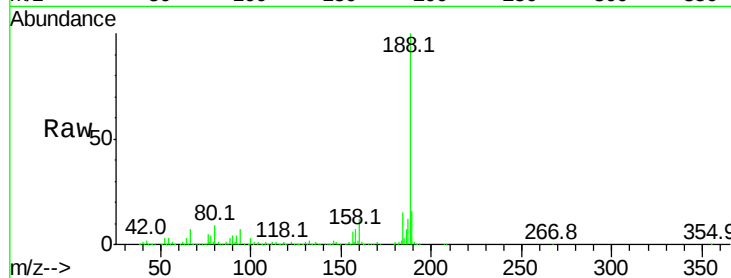




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.79 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM011116.D
Acq: 03 Aug 2017 08:30

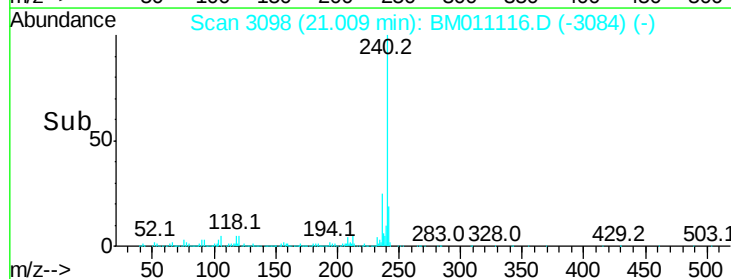
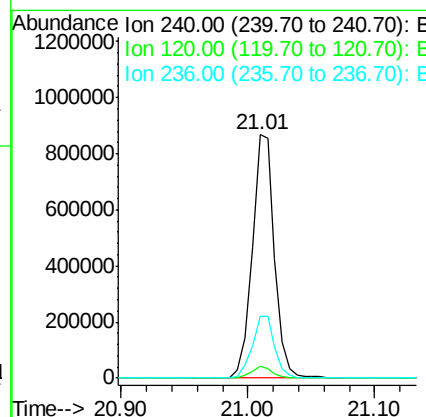
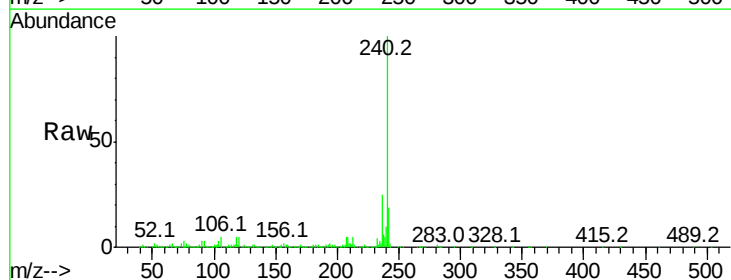
Instrument :
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ClientSampleId :
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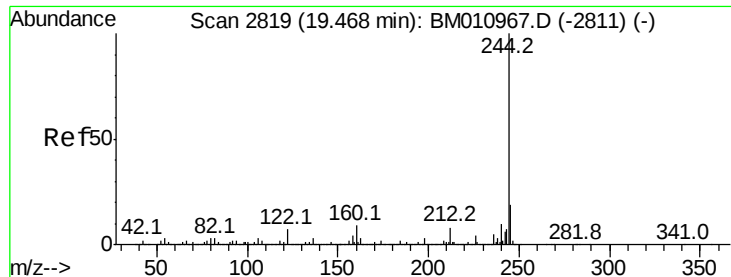
Tot Ion:188 Resp: 1174450
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 9.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3098
Delta R.T. -0.02 min
Lab File: BM011116.D
Acq: 03 Aug 2017 08:30

Tgt Ion:240 Resp: 1050680
Ion Ratio Lower Upper
240 100
120 4.7 8.2 12.2#
236 25.4 20.0 30.0





#78

Terphenyl-d14

Concen: 97.918 ng

RT: 19.46 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM011116.D

Acq: 03 Aug 2017 08:30

Instrument :

BNA_M

ClientSampleId :

WC-1-20170720

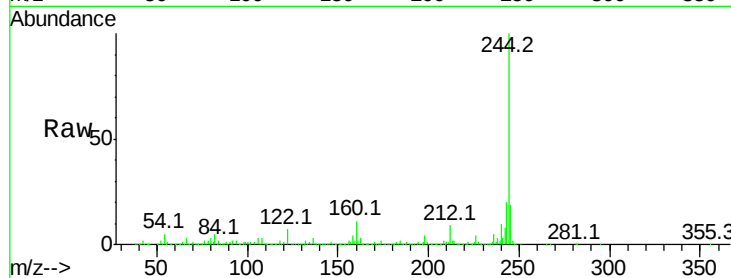
Tot Ion:244 Resp: 5193674

Ion Ratio Lower Upper

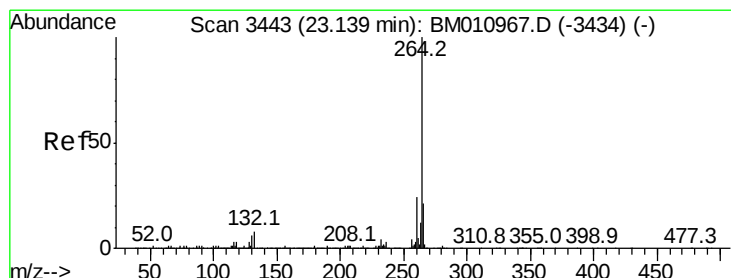
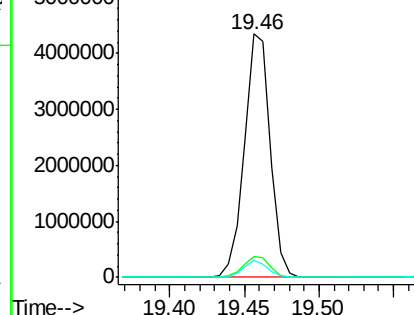
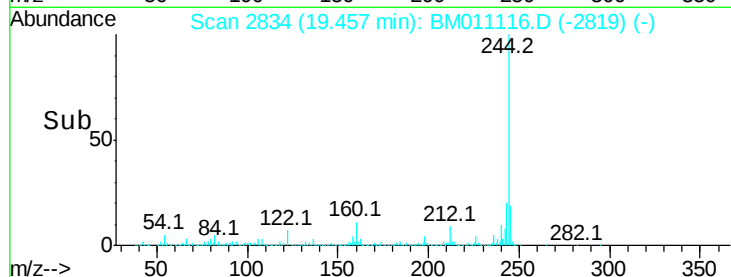
244 100

212 8.7 4.9 7.3#

122 7.0 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: 23.12 min Scan# 3457

Delta R.T. -0.02 min

Lab File: BM011116.D

Acq: 03 Aug 2017 08:30

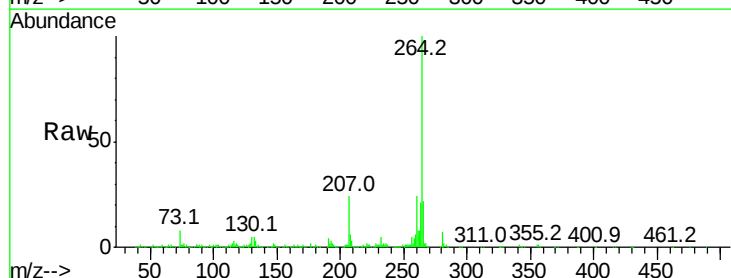
Tgt Ion:264 Resp: 649328

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 22.4 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

