

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011114.D
 Acq On : 03 Aug 2017 07:18
 Operator : SJ/JU
 Sample : I4543-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 03 13:43:40 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	194384	20.00	ng	-0.01
21) Naphthalene-d8	10.13	136	737870	20.00	ng	-0.02
38) Acenaphthene-d10	14.03	164	466587	20.00	ng	-0.02
63) Phenanthrene-d10	16.79	188	1100966	20.00	ng	-0.02
75) Chrysene-d12	21.01	240	1055205	20.00	ng	-0.02
86) Perylene-d12	23.12	264	584014	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	1140509	99.18	ng	0.00
7) Phenol-d6	6.57	99	1417094	86.74	ng	-0.02
23) Nitrobenzene-d5	8.53	82	1514362	77.03	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	723418	96.73	ng	-0.02
44) 2-Fluorobiphenyl	12.65	172	2706900	72.76	ng	-0.02
78) Terphenyl-d14	19.46	244	3612573	67.82	ng	-0.01

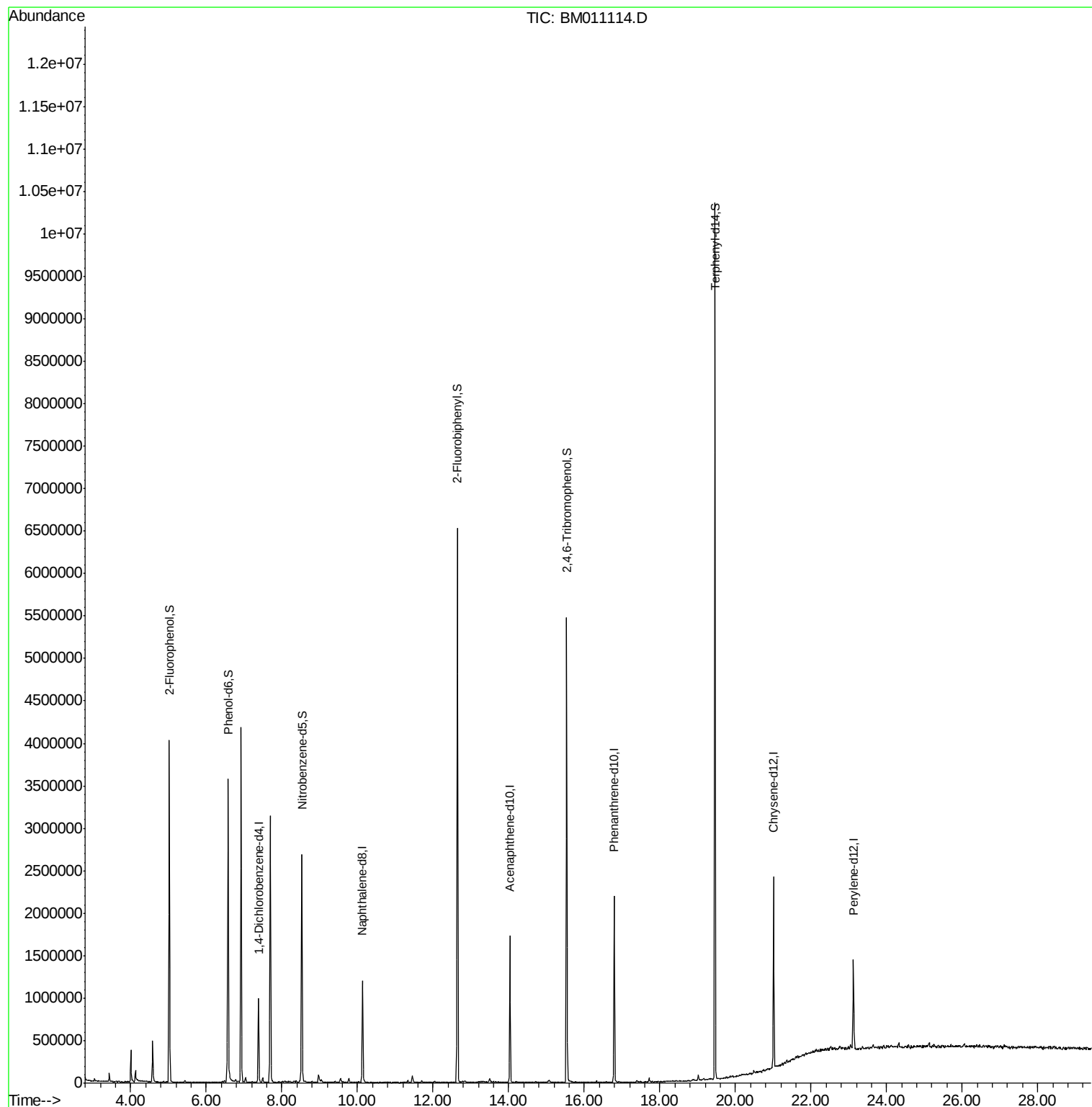
Target Compounds Qvalue

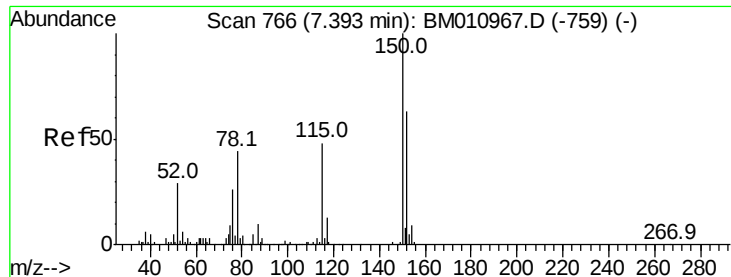
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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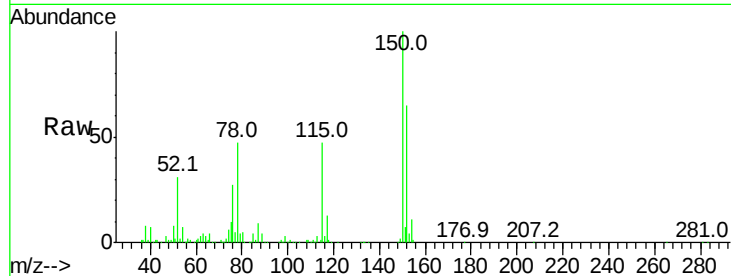


#1

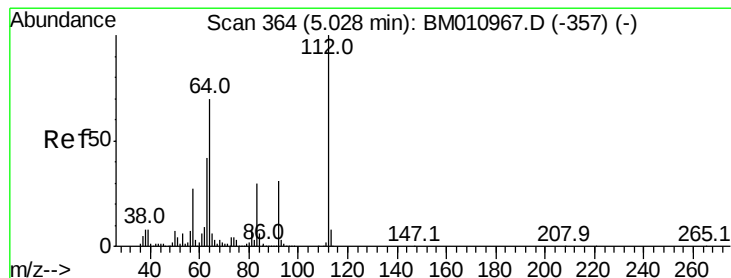
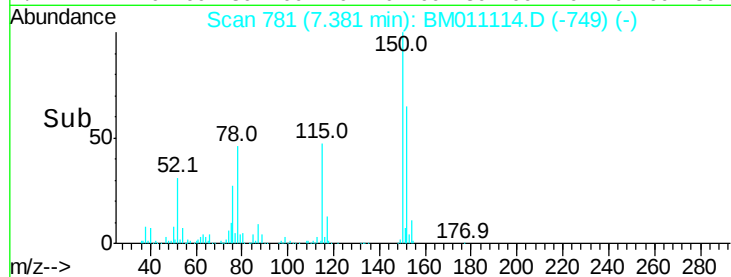
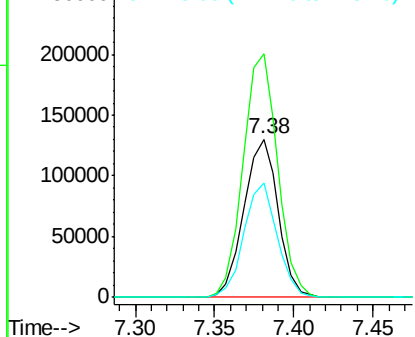
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011114.D
Acq: 03 Aug 2017 07:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 194384
Ion Ratio Lower Upper
152 100
150 154.0 119.5 179.3
115 71.9 43.0 64.4#



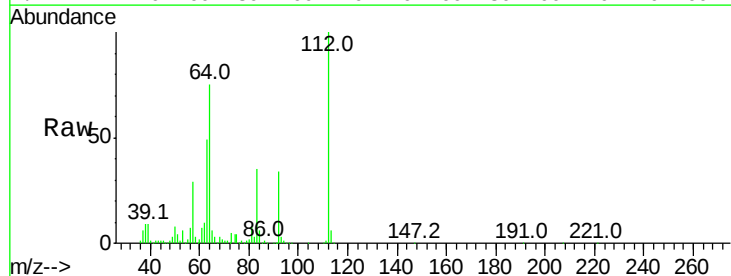
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



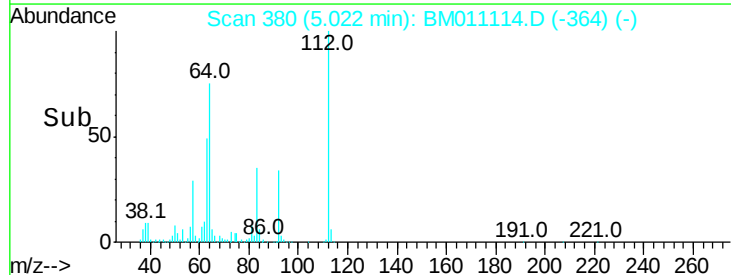
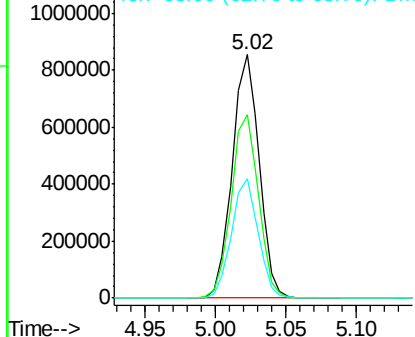
#5

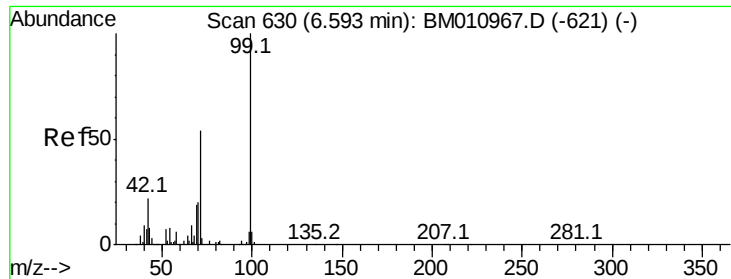
2-Fluorophenol
Concen: 99.183 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011114.D
Acq: 03 Aug 2017 07:18

Tgt Ion:112 Resp: 1140509
Ion Ratio Lower Upper
112 100
64 75.5 38.6 57.8#
63 48.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 86.736 ng

RT: 6.57 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM011114.D

Acq: 03 Aug 2017 07:18

Instrument :

BNA_M

ClientSampleId :

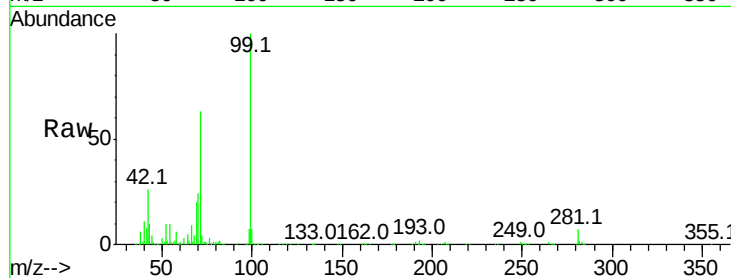
Tot Ion: 99 Resp: 1417094

Ion Ratio Lower Upper

99 100

42 25.6 11.0 16.4#

71 63.3 23.4 35.2#



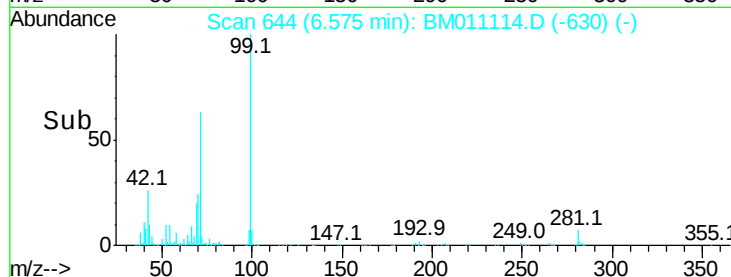
Abundance Ion 99.00 (98.70 to 99.70): BM011114.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011114.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011114.D (-630) (-)

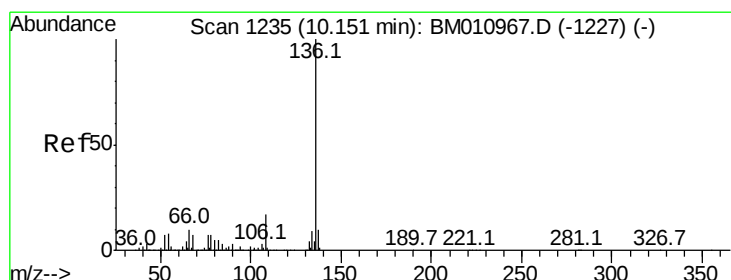
6.57

Time-->



6.57

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.13 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BM011114.D

Acq: 03 Aug 2017 07:18

Tgt Ion: 136 Resp: 737870

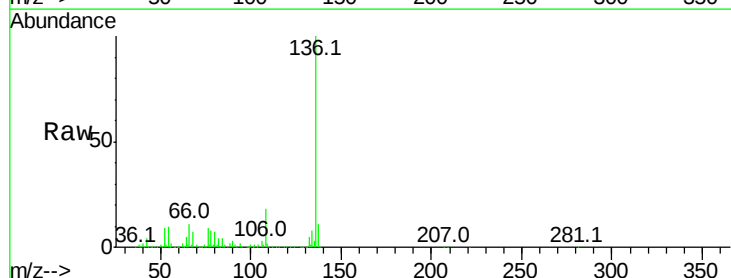
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.6 4.6 6.8#

68 6.6 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011114.D (-1235) (-)

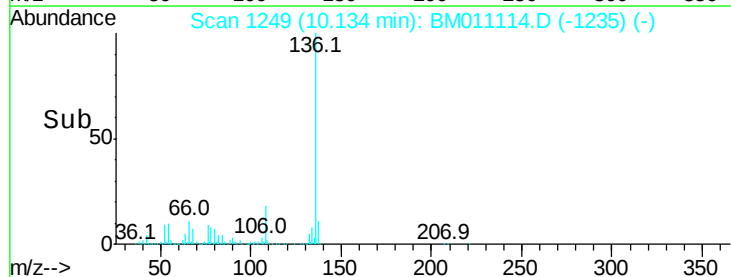
Ion 137.00 (136.70 to 137.70): BM011114.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011114.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011114.D (-1235) (-)

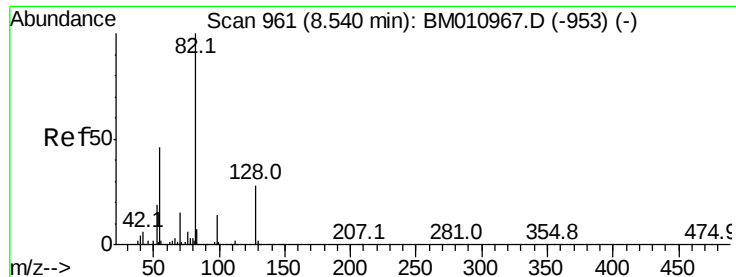
10.13

Time-->



10.13

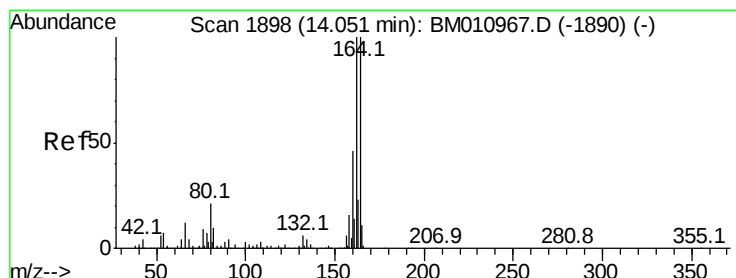
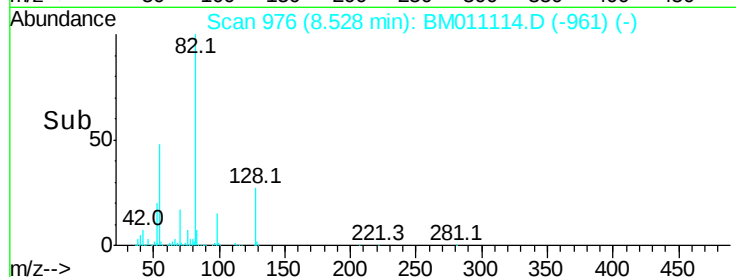
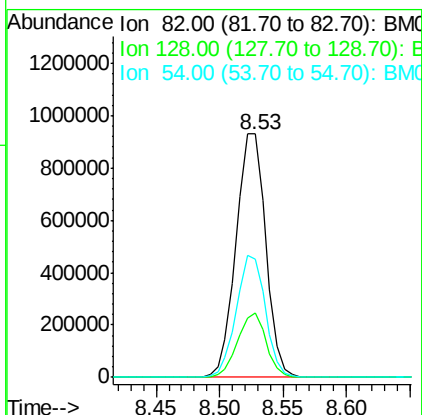
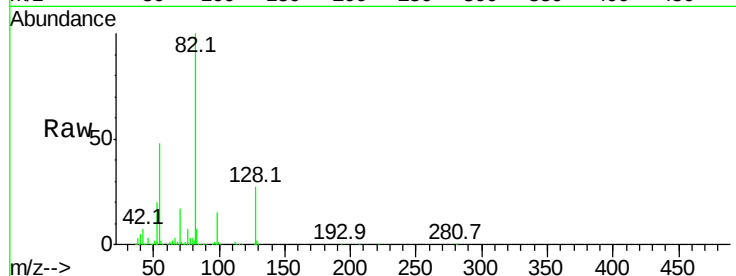
Time-->



#23
Nitrobenzene-d5
Concen: 77.028 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011114.D
Acq: 03 Aug 2017 07:18

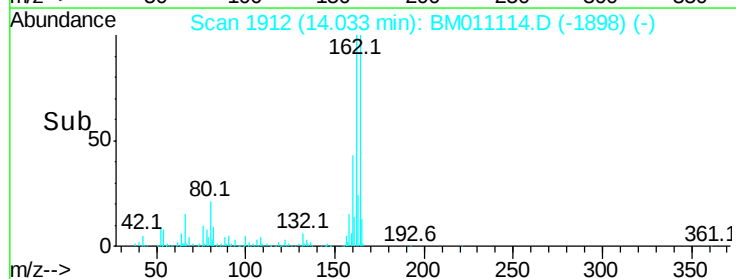
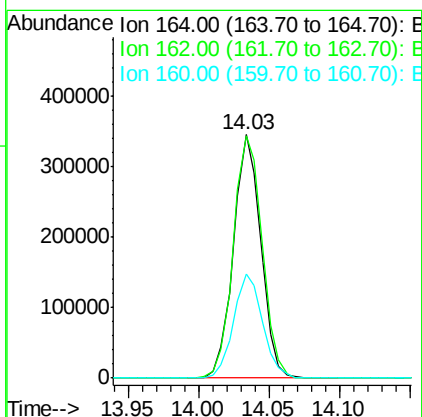
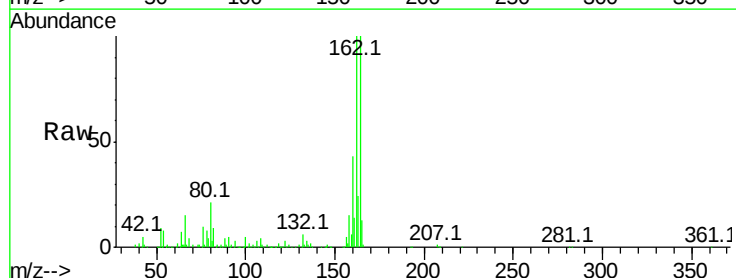
Instrument :
BNA_M
ClientSampleId :

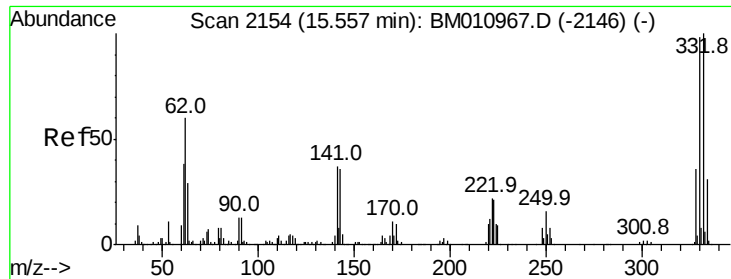
Tot Ion: 82 Resp: 1514362
Ion Ratio Lower Upper
82 100
128 26.6 32.8 49.2#
54 48.4 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.03 min Scan# 1912
Delta R.T. -0.02 min
Lab File: BM011114.D
Acq: 03 Aug 2017 07:18

Tgt Ion:164 Resp: 466587
Ion Ratio Lower Upper
164 100
162 99.8 82.4 123.6
160 42.9 35.8 53.6

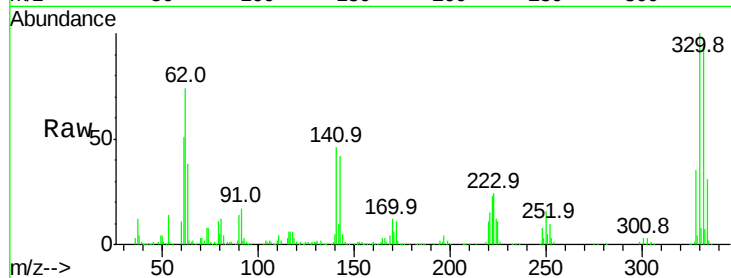




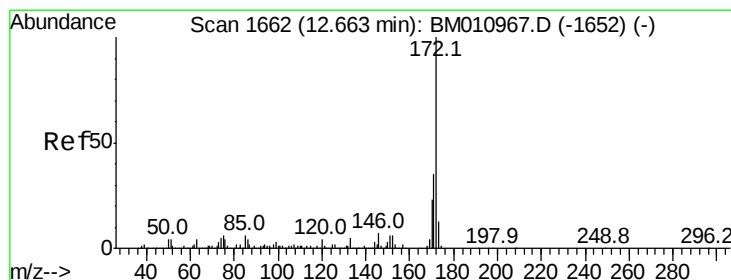
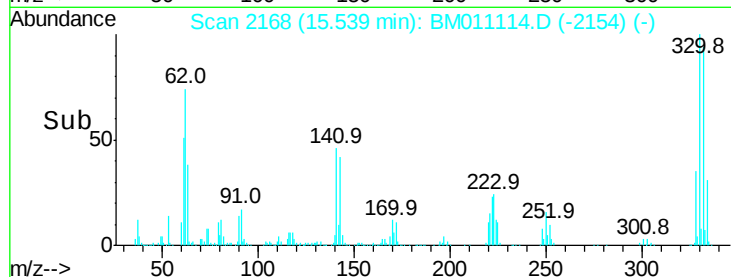
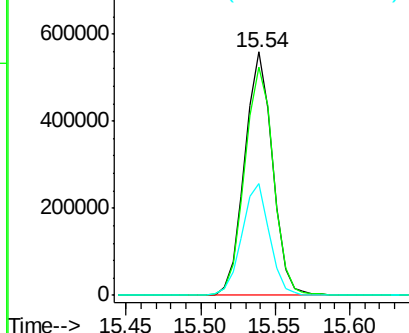
#41
 2,4,6-Tribromophenol
 Concen: 96.734 ng
 RT: 15.54 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM011114.D
 Acq: 03 Aug 2017 07:18

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	45.7	0.0	0.0#

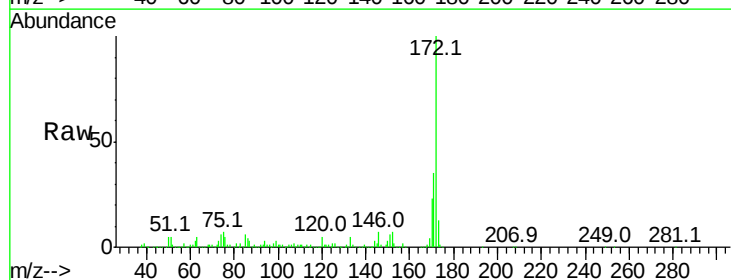


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

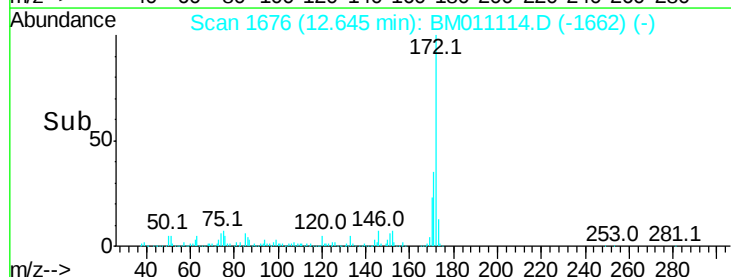
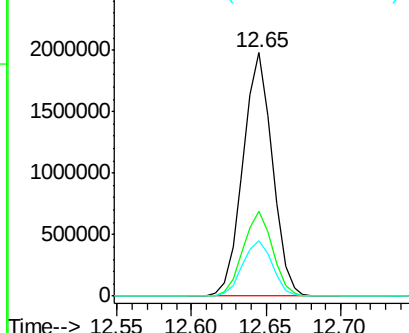


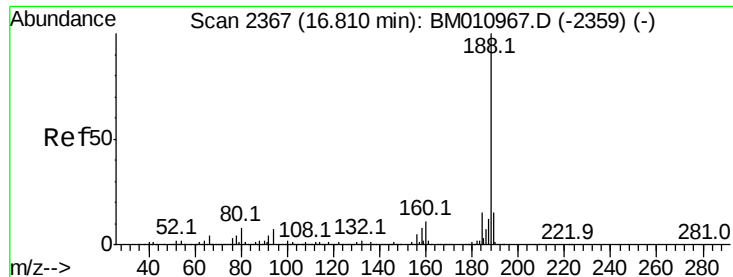
#44
 2-Fluorobiphenyl
 Concen: 72.759 ng
 RT: 12.65 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM011114.D
 Acq: 03 Aug 2017 07:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	22.6	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

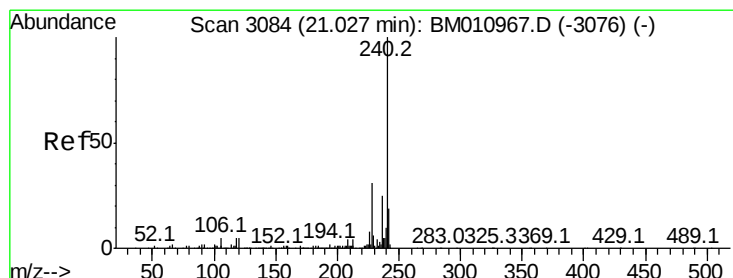
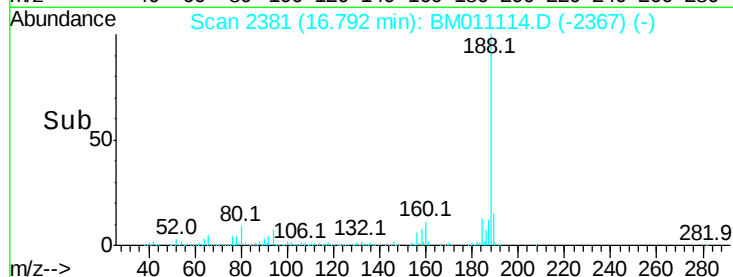
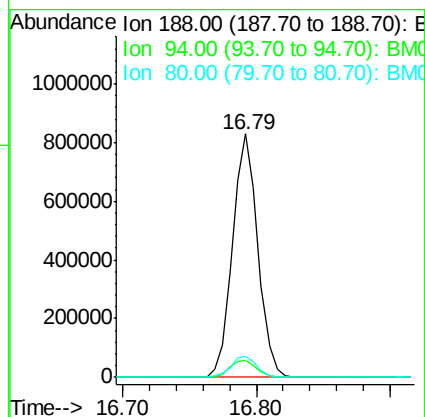
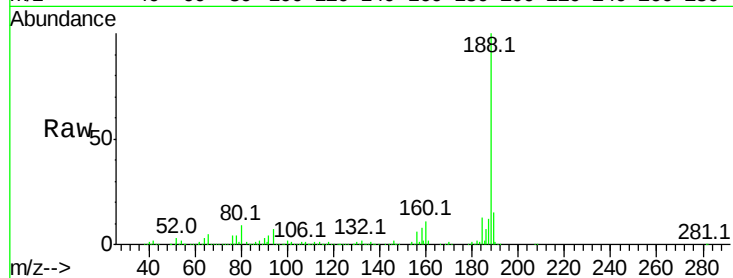




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.79 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM011114.D
Acq: 03 Aug 2017 07:18

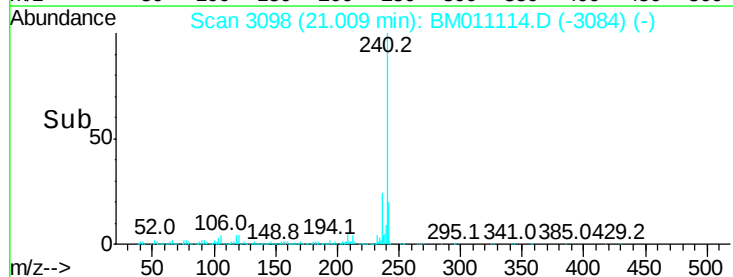
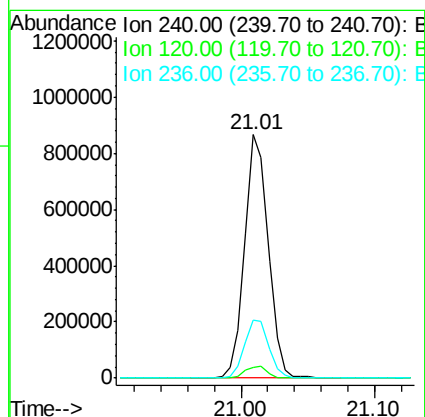
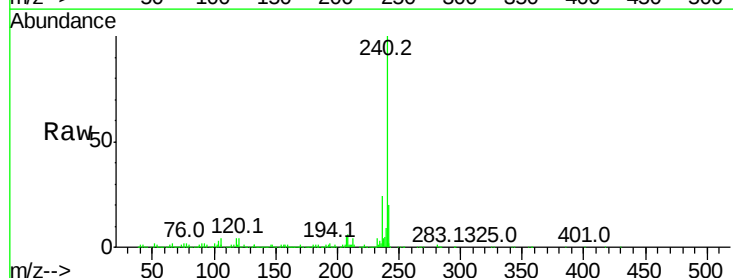
Instrument :
BNA_M
ClientSampled :

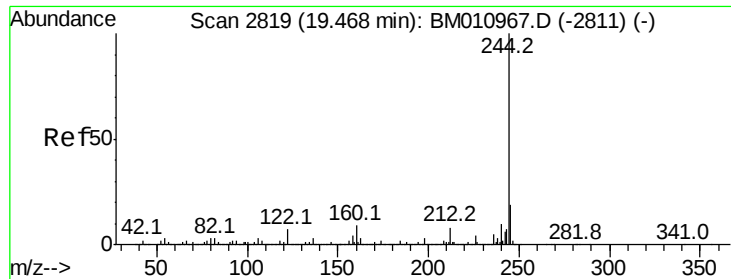
Tot Ion:188 Resp: 1100966
Ion Ratio Lower Upper
188 100
94 6.9 8.7 13.1#
80 8.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3098
Delta R.T. -0.02 min
Lab File: BM011114.D
Acq: 03 Aug 2017 07:18

Tgt Ion:240 Resp: 1055205
Ion Ratio Lower Upper
240 100
120 4.4 8.2 12.2#
236 23.8 20.0 30.0





#78

Terphenyl-d14

Concen: 67.817 ng

RT: 19.46 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM011114.D

Acq: 03 Aug 2017 07:18

Instrument :

BNA_M

ClientSampleId :

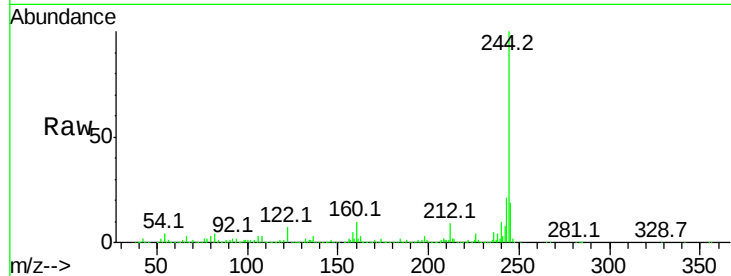
Tot Ion:244 Resp: 3612573

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

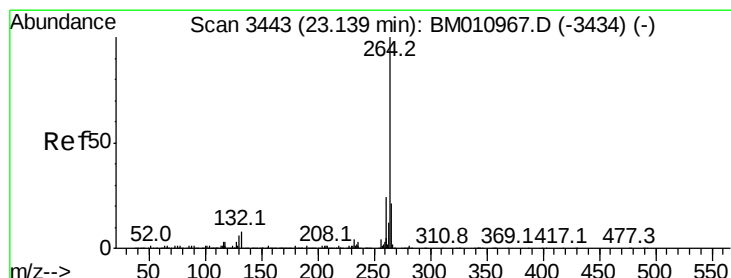
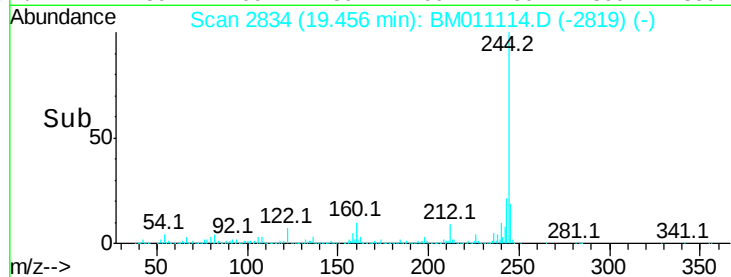
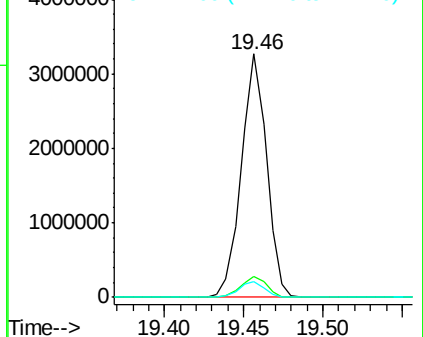
122 6.7 6.2 9.4



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: BM011114.D

Acq: 03 Aug 2017 07:18

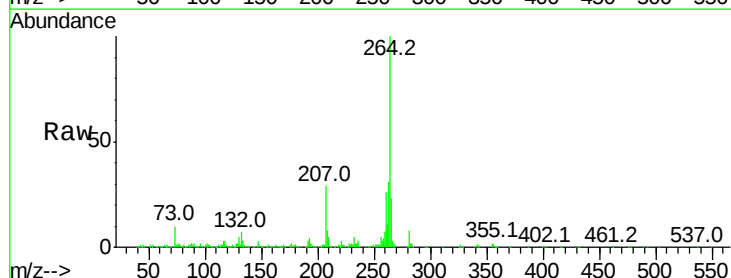
Tgt Ion:264 Resp: 584014

Ion Ratio Lower Upper

264 100

260 26.3 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

