

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011384.D
 Acq On : 31 Aug 2017 22:32
 Operator : SJ/JU
 Sample : I4963-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3823-PP4

Quant Time: Sep 01 07:07:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	500797	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2124884	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1192993	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2596620	20.00	ng	0.00
75) Chrysene-d12	21.52	240	2775287	20.00	ng	-0.01
86) Perylene-d12	23.90	264	2671885	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1280164	43.03	ng	0.00
7) Phenol-d6	7.13	99	1154551	27.99	ng	0.00
23) Nitrobenzene-d5	9.16	82	3020818	93.68	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1079379	78.20	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	7614426	92.00	ng	0.00
78) Terphenyl-d14	19.97	244	9542586	85.31	ng	0.00

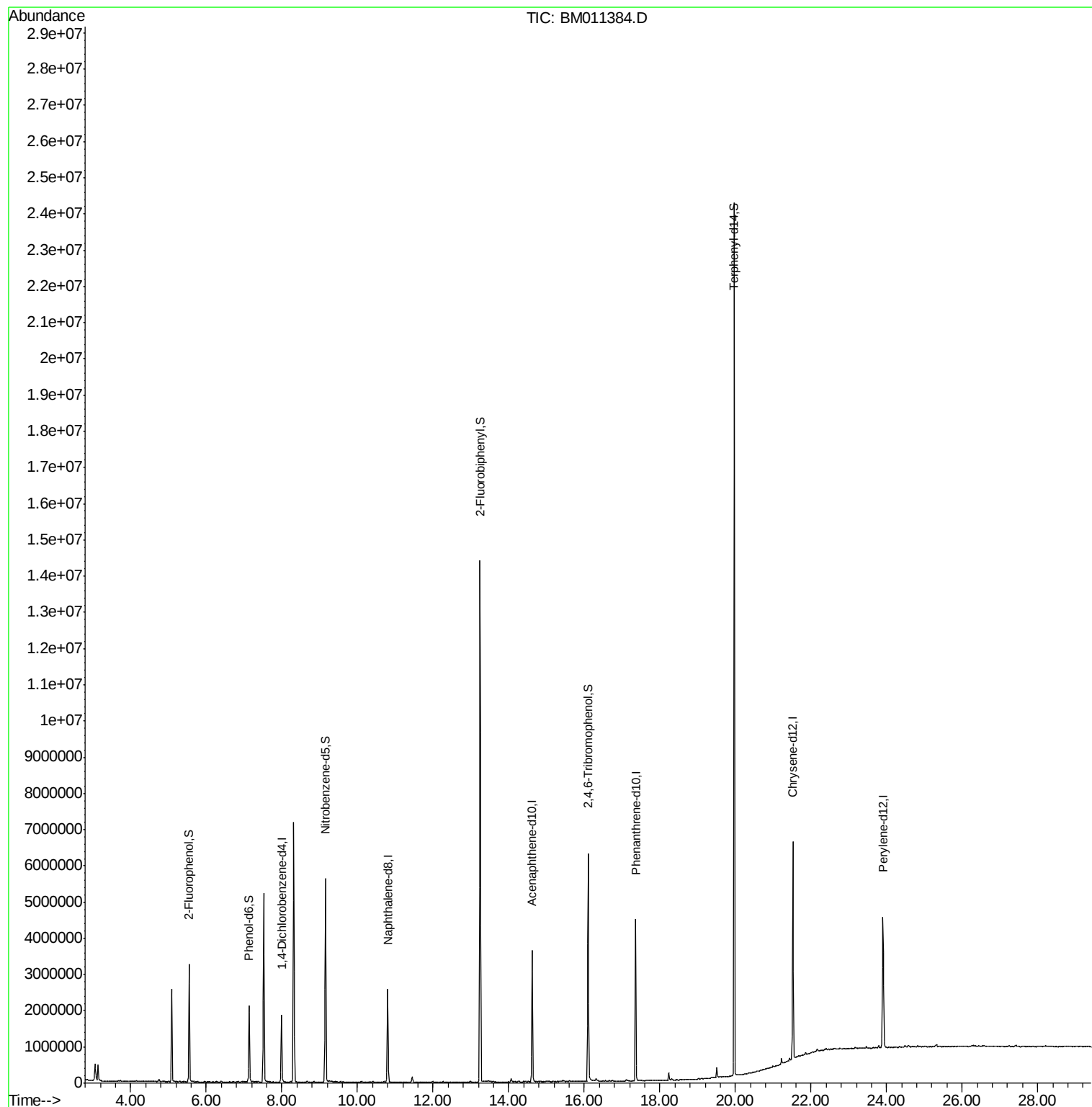
Target Compounds Qvalue

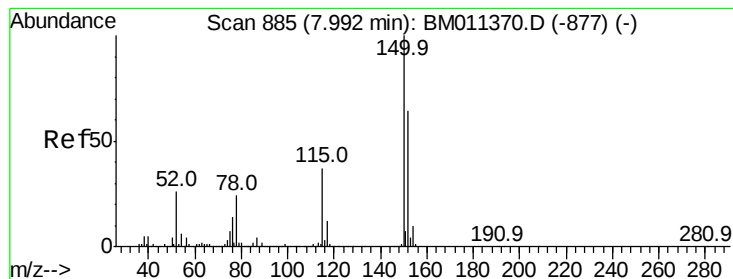
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011384.D
Acq On : 31 Aug 2017 22:32
Operator : SJ/JU
Sample : I4963-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
3823-PP4

Quant Time: Sep 01 07:07:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration



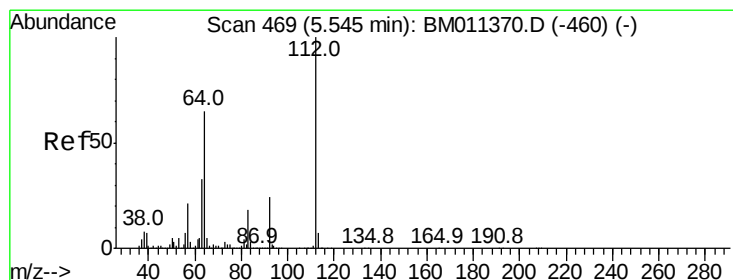
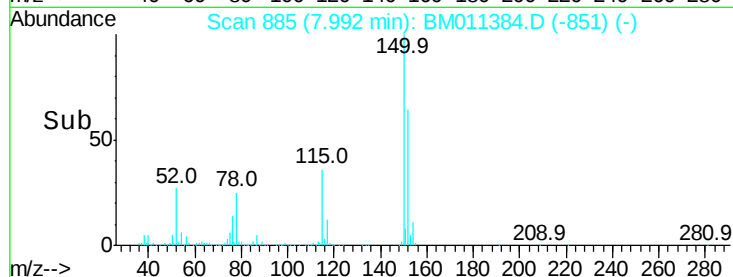
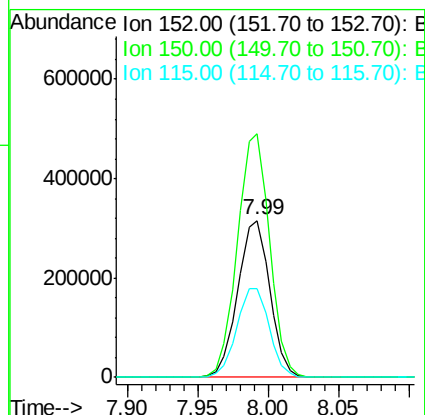
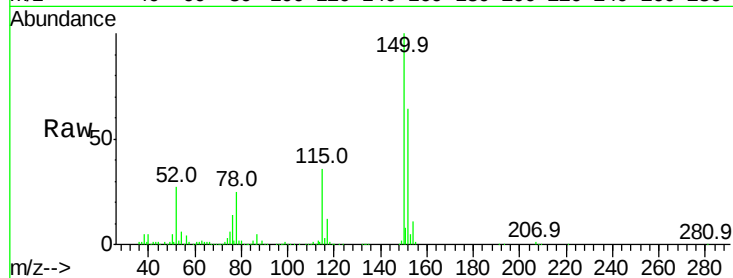


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM011384.D
Acq: 31 Aug 2017 22:32

Instrument :
BNA_M
ClientSampleId :
3823-PP4

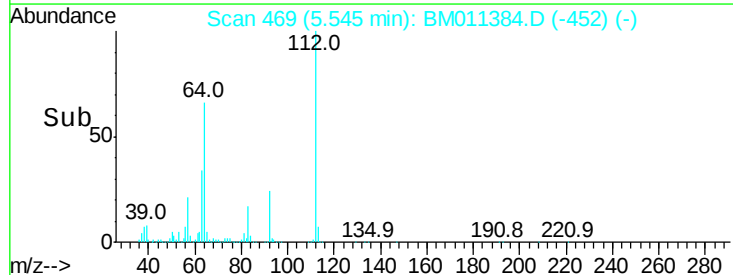
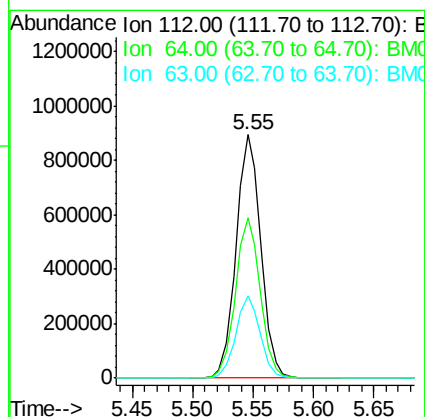
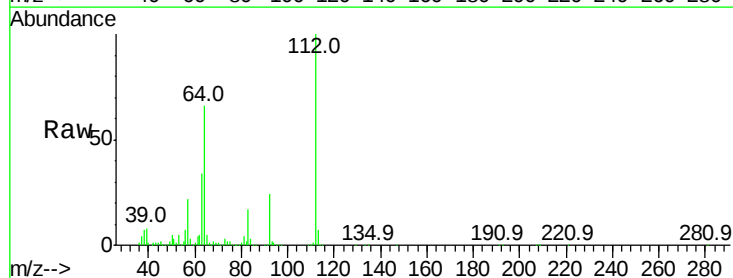
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	119.5	179.3
115	56.5	43.0	64.4

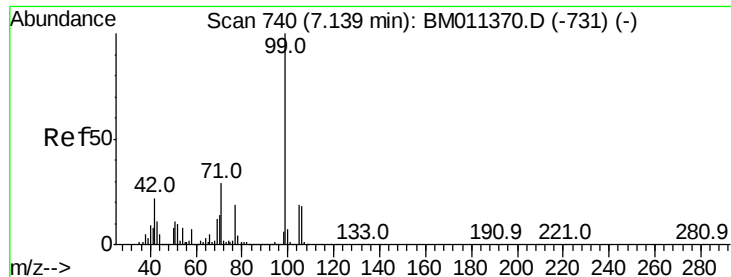


#5

2-Fluorophenol
Concen: 43.029 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011384.D
Acq: 31 Aug 2017 22:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	38.6	57.8#
63	33.6	19.3	28.9#





#7

Phenol-d6

Concen: 27.987 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011384.D

Acq: 31 Aug 2017 22:32

Instrument :

BNA_M

ClientSampleId :

3823-PP4

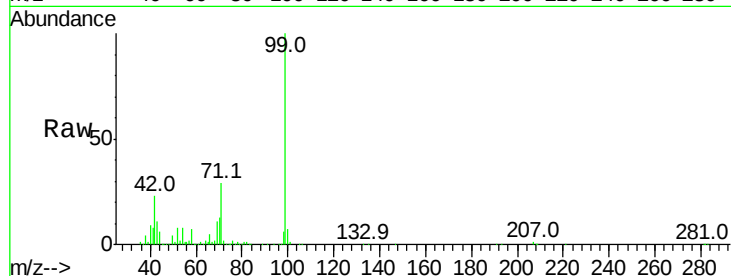
Tot Ion: 99 Resp: 1154551

Ion Ratio Lower Upper

99 100

42 23.5 11.0 16.4#

71 28.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)

Ion 42.00 (41.70 to 42.70): BM011370.D (-731) (-)

Ion 71.00 (70.70 to 71.70): BM011370.D (-731) (-)

1000000

800000

600000

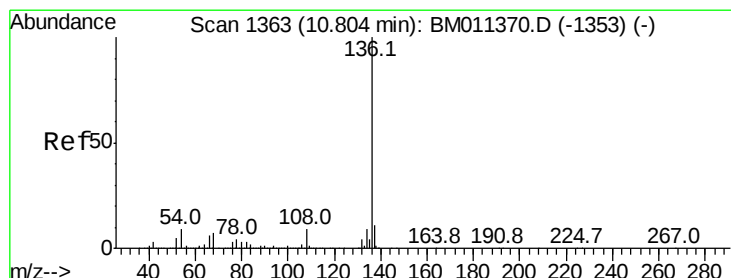
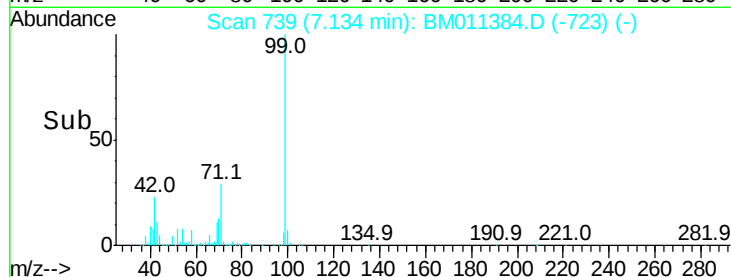
400000

200000

0

7.05 7.10 7.15 7.20 7.25

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BM011384.D

Acq: 31 Aug 2017 22:32

Tgt Ion: 136 Resp: 2124884

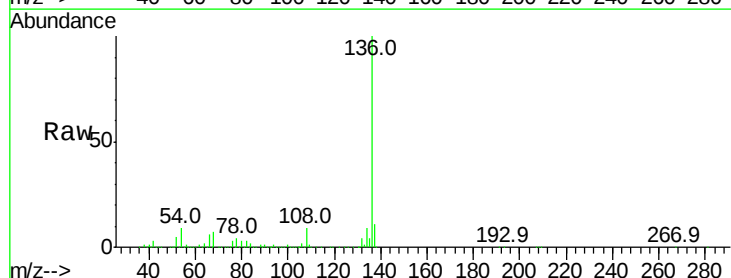
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.5 4.6 6.8#

68 7.1 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

Ion 137.00 (136.70 to 137.70): BM011370.D (-1353) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1353) (-)

Ion 68.00 (67.70 to 68.70): BM011370.D (-1353) (-)

2000000

1500000

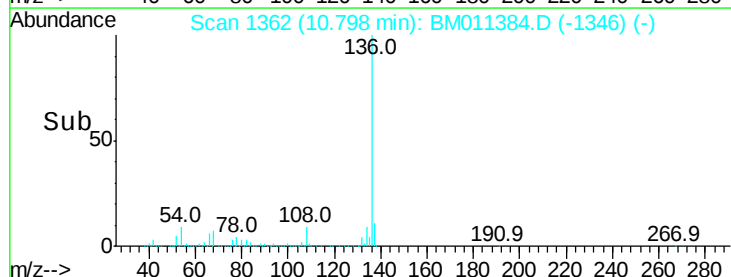
1000000

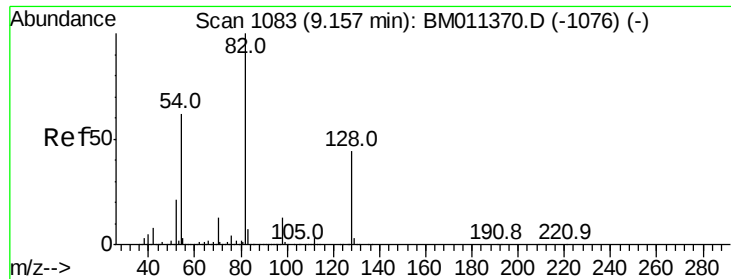
500000

0

10.70 10.80 10.90

Time-->



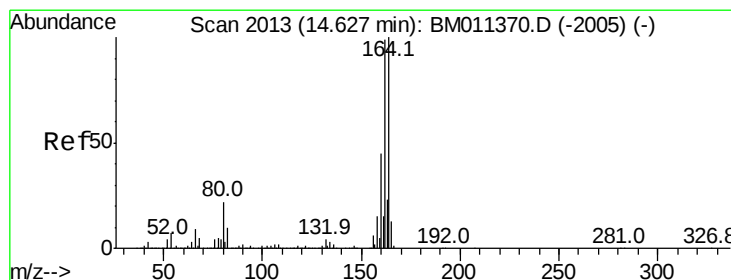
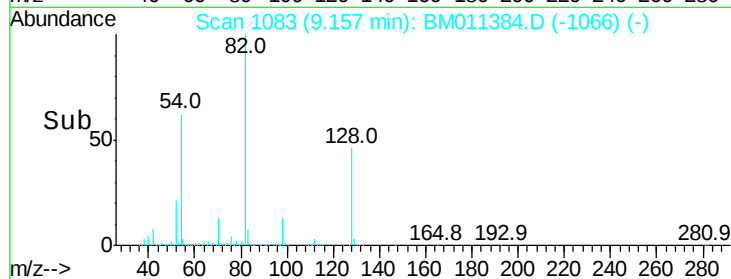
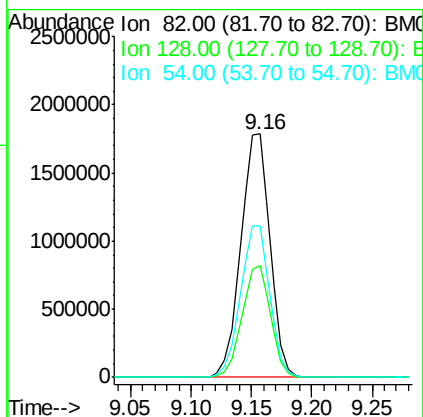
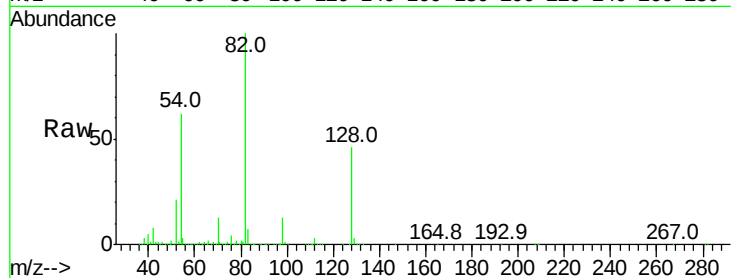


#23
 Nitrobenzene-d5
 Concen: 93.684 ng
 RT: 9.16 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BM011384.D
 Acq: 31 Aug 2017 22:32

Instrument :
 BNA_M
 ClientSampleId :
 3823-PP4

Tot Ion: 82 Resp: 3020818

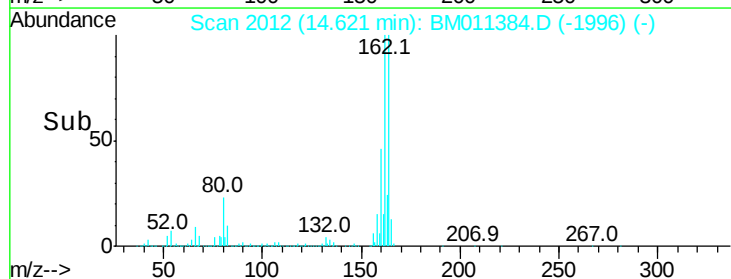
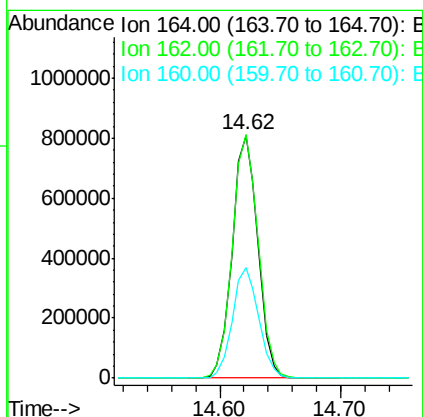
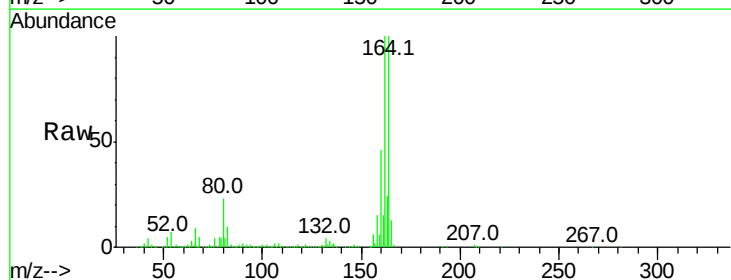
Ion	Ratio	Lower	Upper
82	100		
128	45.8	32.8	49.2
54	62.4	40.6	60.8#

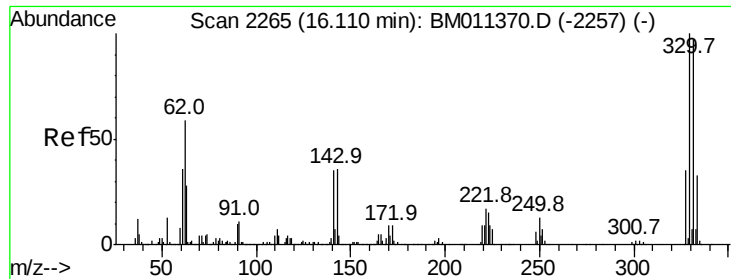


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BM011384.D
 Acq: 31 Aug 2017 22:32

Tgt Ion: 164 Resp: 1192993

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.4	123.6
160	45.7	35.8	53.6

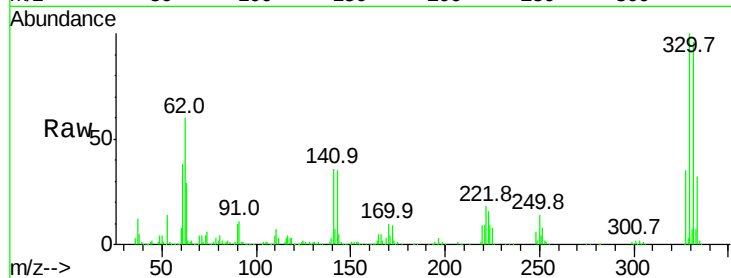




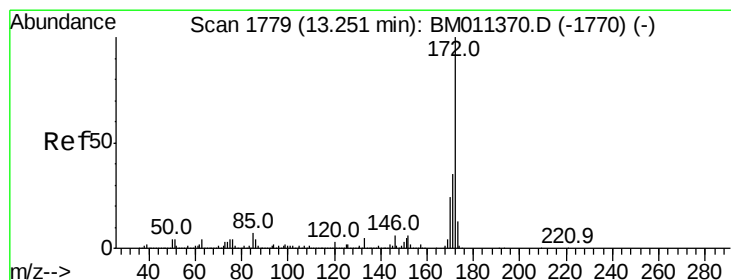
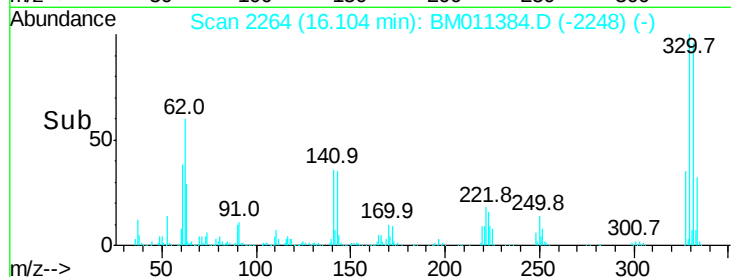
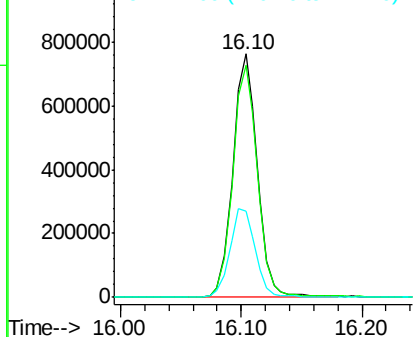
#41
 2,4,6-Tribromophenol
 Concen: 78.202 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011384.D
 Acq: 31 Aug 2017 22:32

Instrument :
 BNA_M
 ClientSampleId :
 3823-PP4

Tot Ion:330 Resp: 1079379
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 37.9 0.0 0.0#

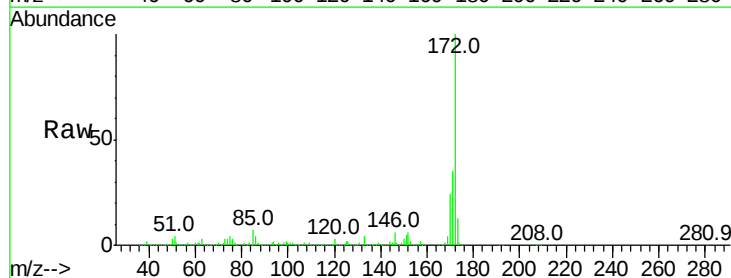


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

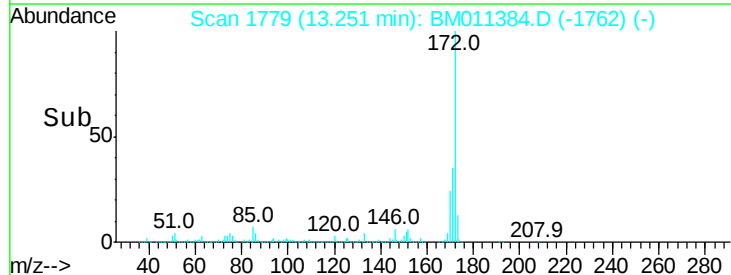
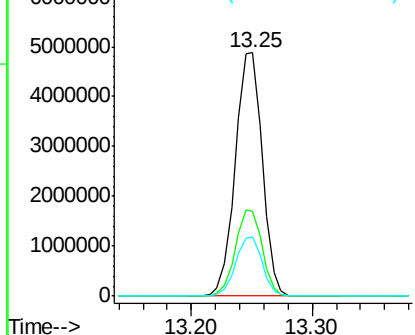


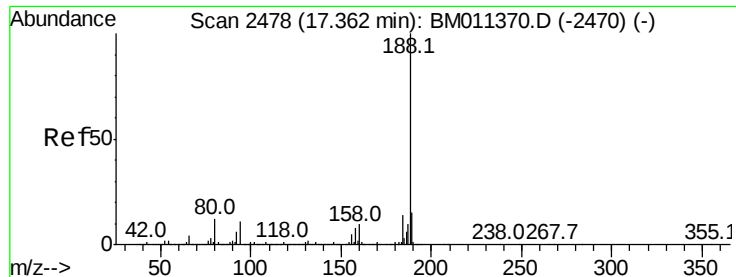
#44
 2-Fluorobiphenyl
 Concen: 92.004 ng
 RT: 13.25 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BM011384.D
 Acq: 31 Aug 2017 22:32

Tgt Ion:172 Resp: 7614426
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 24.4 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

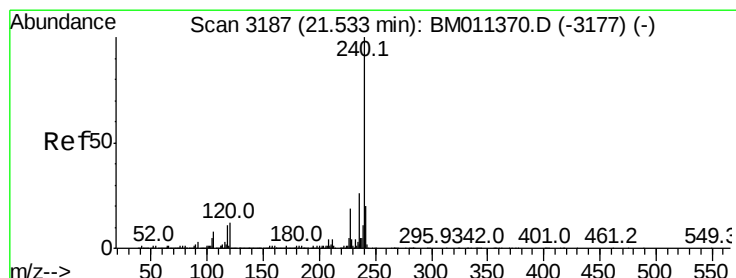
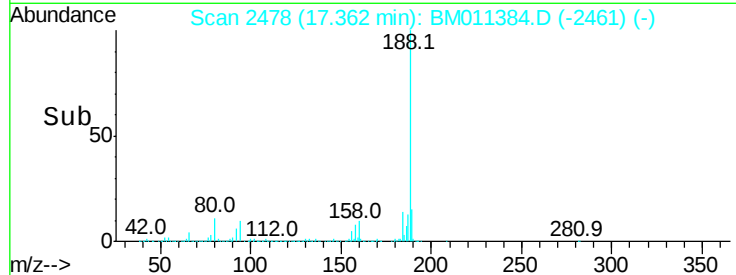
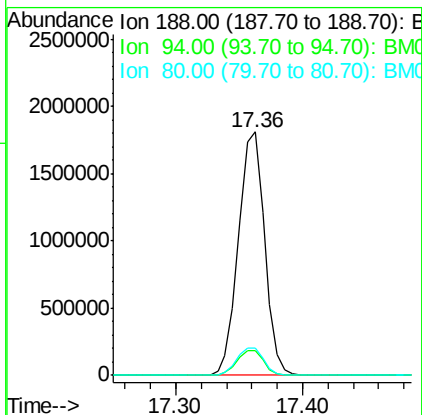
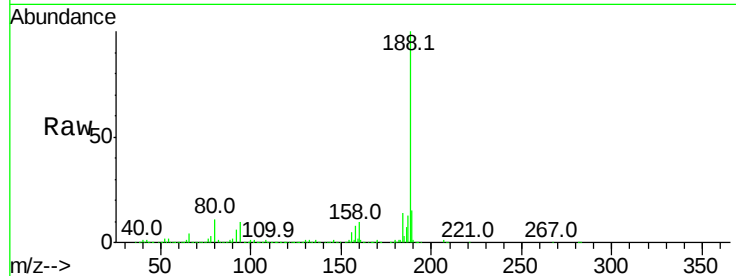




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM011384.D
Acq: 31 Aug 2017 22:32

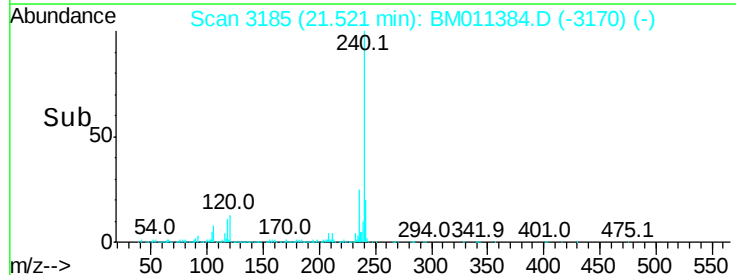
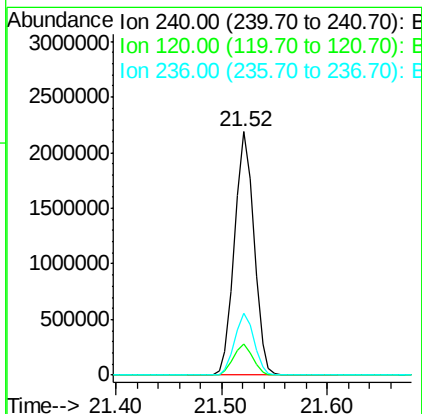
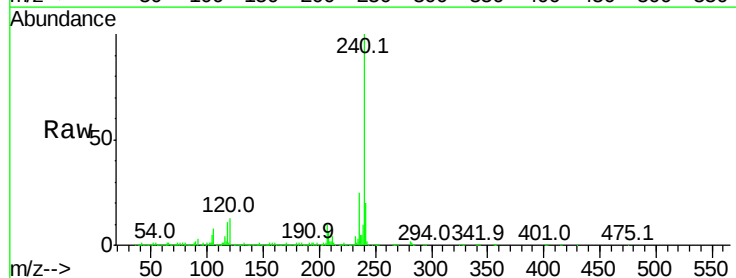
Instrument :
BNA_M
ClientSampleId :
3823-PP4

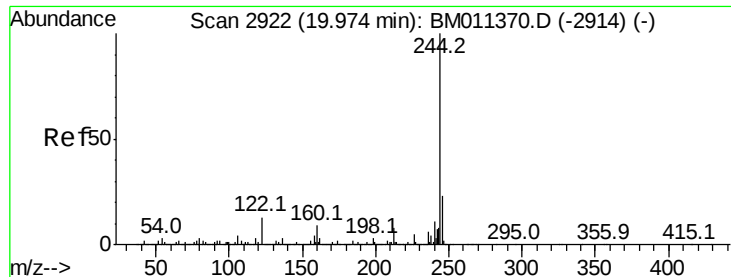
Tot Ion:188 Resp: 2596620
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 11.0 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BM011384.D
Acq: 31 Aug 2017 22:32

Tgt Ion:240 Resp: 2775287
Ion Ratio Lower Upper
240 100
120 12.7 8.2 12.2#
236 25.4 20.0 30.0





#78

Terphenyl-d14

Concen: 85.315 ng

RT: 19.97 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BM011384.D

Acq: 31 Aug 2017 22:32

Instrument :

BNA_M

ClientSampled :

3823-PP4

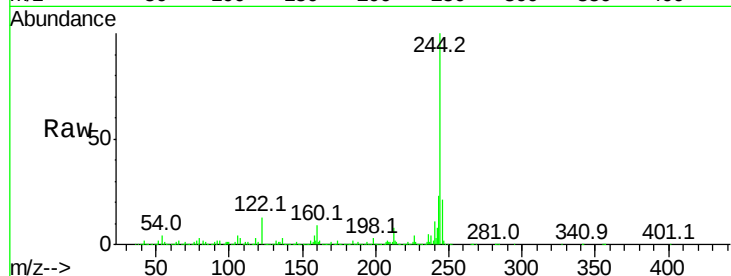
Tot Ion:244 Resp: 9542586

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

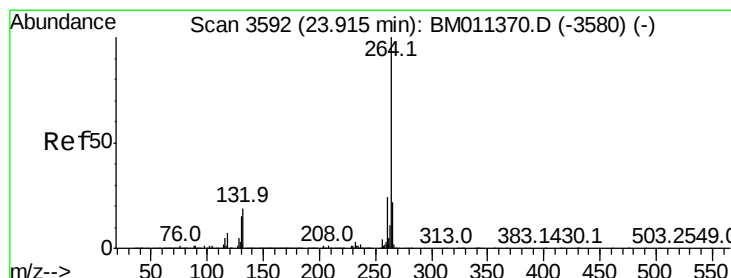
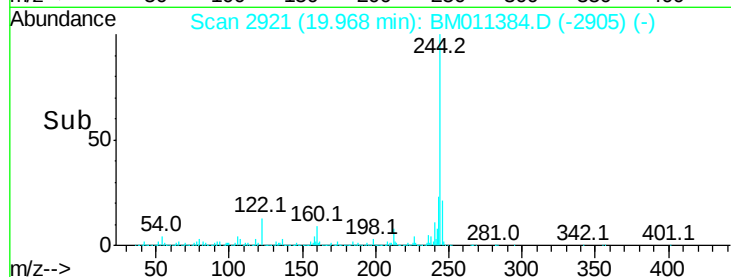
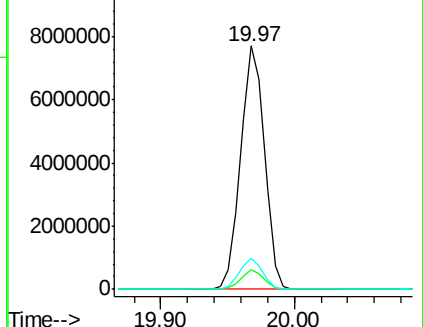
122 12.5 6.2 9.4#



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: 23.90 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BM011384.D

Acq: 31 Aug 2017 22:32

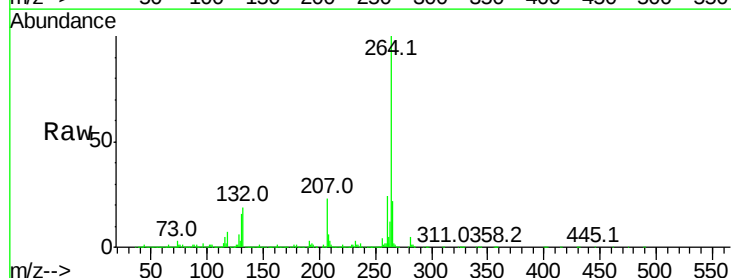
Tgt Ion:264 Resp: 2671885

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.9 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

