

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081417\
 Data File : BM011229.D
 Acq On : 14 Aug 2017 14:36
 Operator : SJ/JU
 Sample : I4700-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-01-080917-B

Quant Time: Aug 14 16:10:53 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 14 16:03:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	110486	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	382675	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	244029	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	596903	20.00	ng	0.00
75) Chrysene-d12	20.94	240	784580	20.00	ng	0.00
86) Perylene-d12	23.02	264	506948	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	949514	145.28	ng	0.00
7) Phenol-d6	6.50	99	1243672	133.92	ng	0.00
23) Nitrobenzene-d5	8.44	82	1202442	117.93	ng	0.00
41) 2,4,6-Tribromophenol	15.46	330	544619	139.24	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	1958199	100.64	ng	0.00
78) Terphenyl-d14	19.39	244	3227604	81.49	ng	0.00

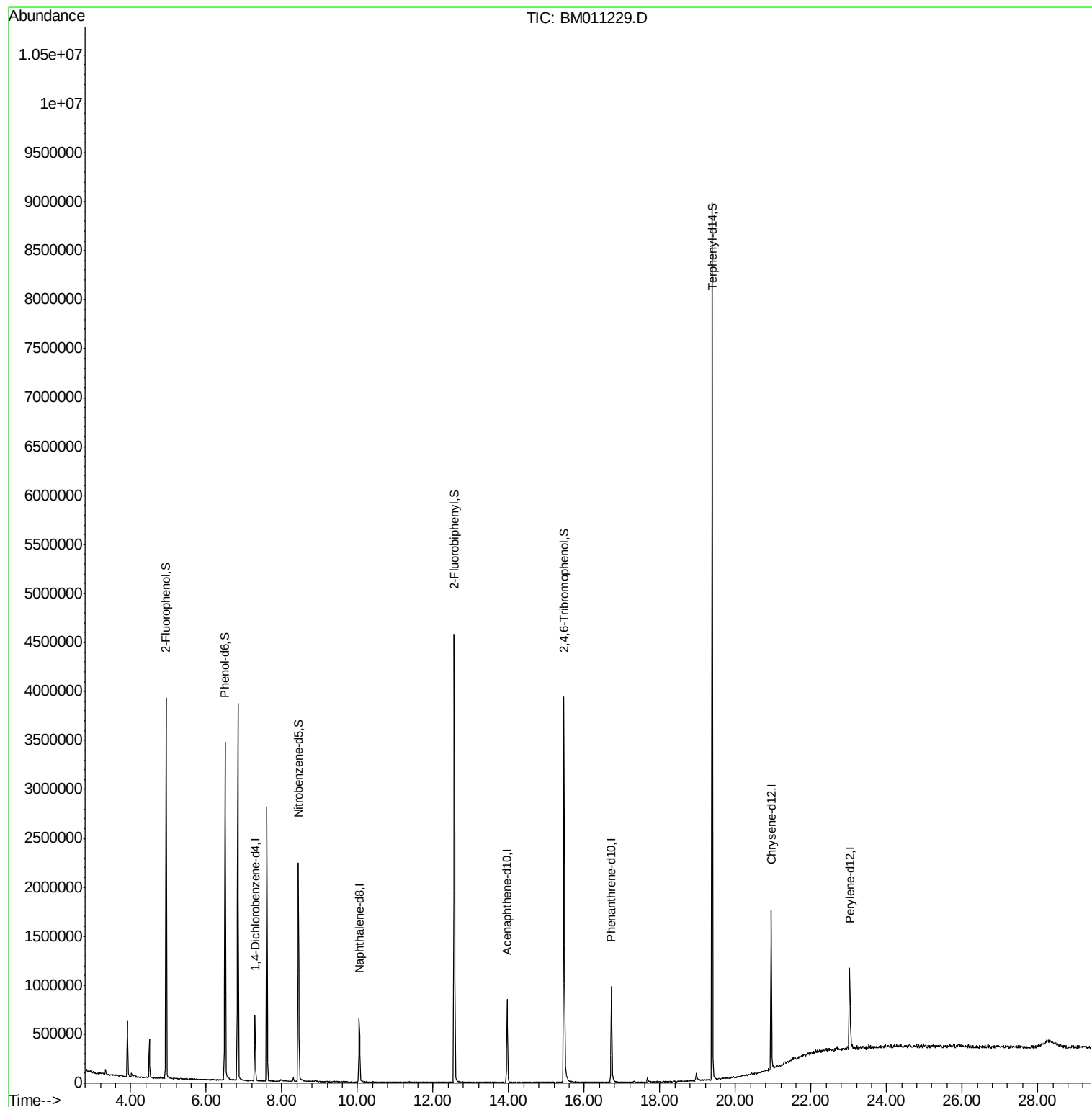
Target Compounds	Qvalue
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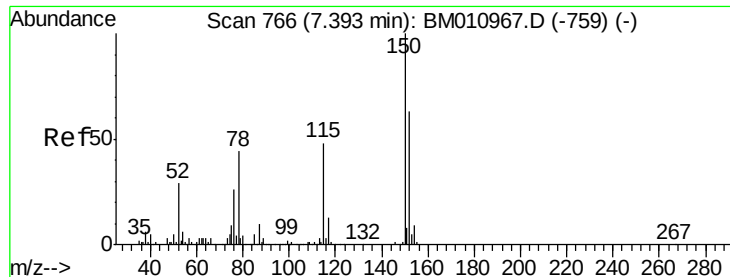
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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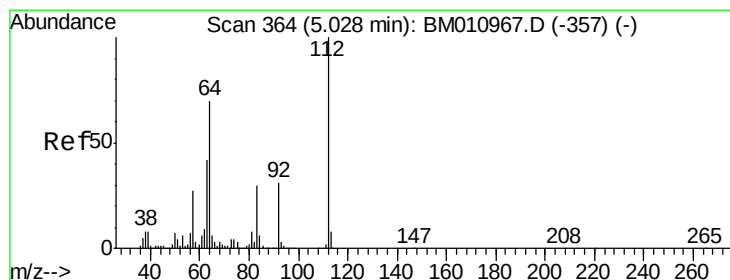
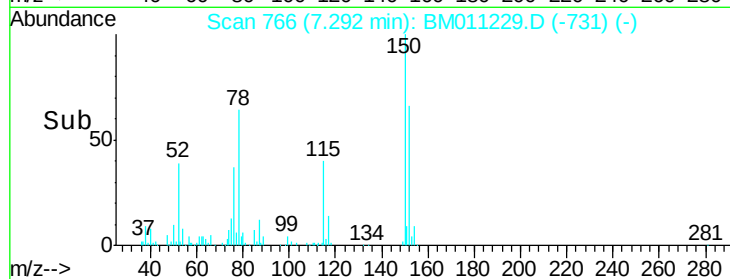
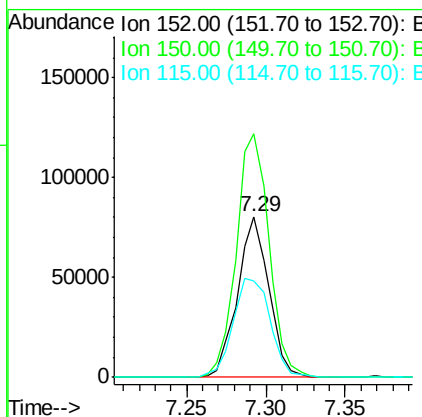
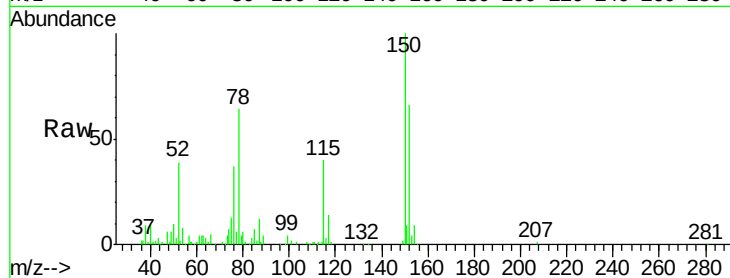


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. 0.01 min
Lab File: BM011229.D
Acq: 14 Aug 2017 14:36

Instrument :
BNA_M
ClientSampleId :
NB-01-080917-B

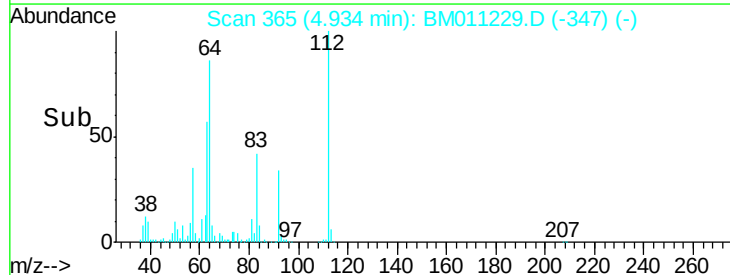
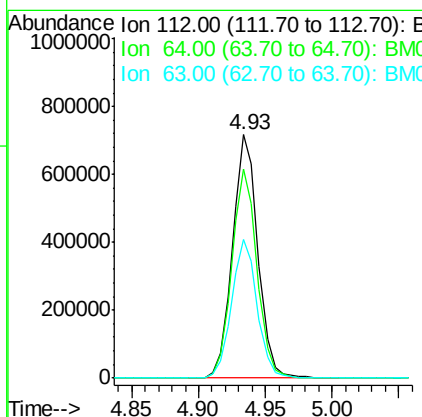
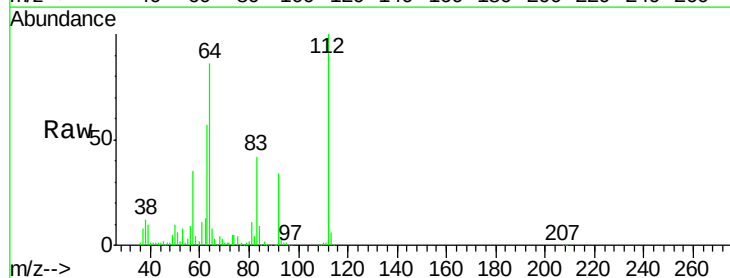
Tgt Ion:152 Resp: 110486
Ion Ratio Lower Upper
152 100
150 151.8 119.5 179.3
115 60.0 43.0 64.4

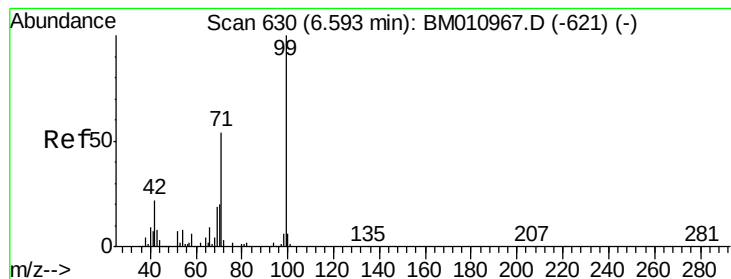


#5

2-Fluorophenol
Concen: 145.276 ng
RT: 4.93 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM011229.D
Acq: 14 Aug 2017 14:36

Tgt Ion:112 Resp: 949514
Ion Ratio Lower Upper
112 100
64 86.1 38.6 57.8#
63 57.0 19.3 28.9#





#7

Phenol-d6

Concen: 133.925 ng

RT: 6.50 min Scan# 631

Delta R.T. 0.01 min

Lab File: BM011229.D

Acq: 14 Aug 2017 14:36

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-B

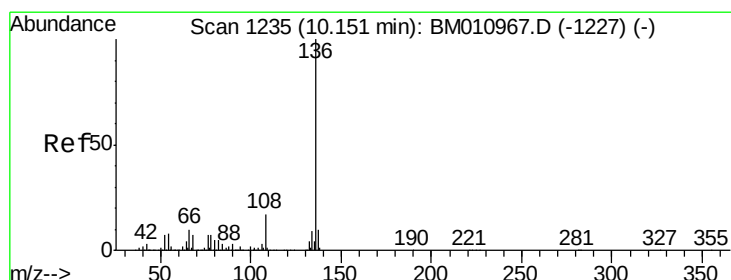
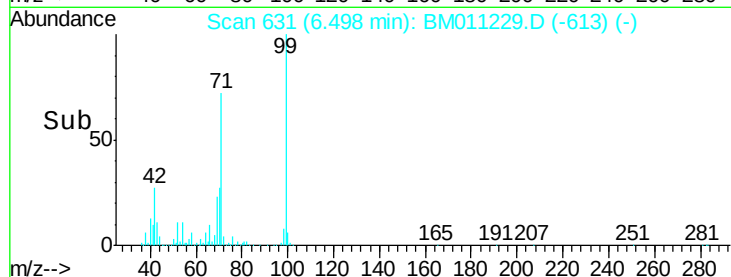
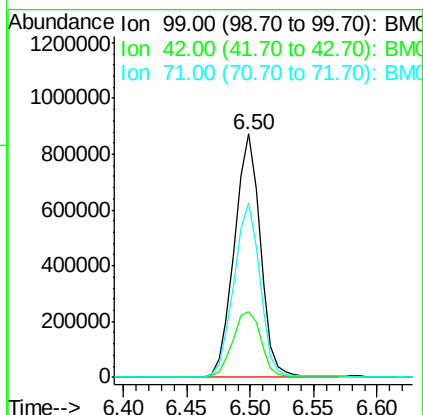
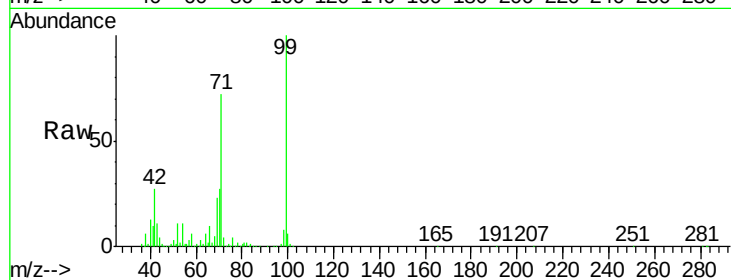
Tgt Ion: 99 Resp: 1243672

Ion Ratio Lower Upper

99 100

42 26.9 11.0 16.4#

71 71.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BM011229.D

Acq: 14 Aug 2017 14:36

Tgt Ion: 136 Resp: 382675

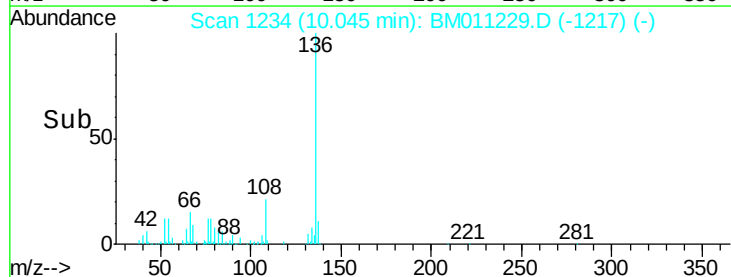
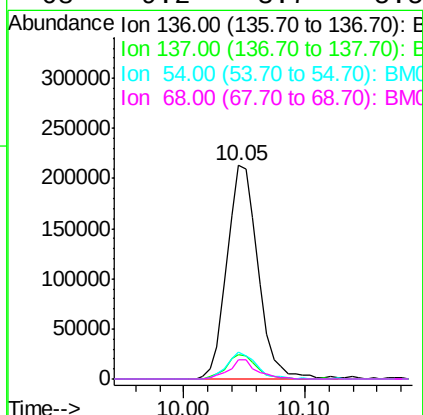
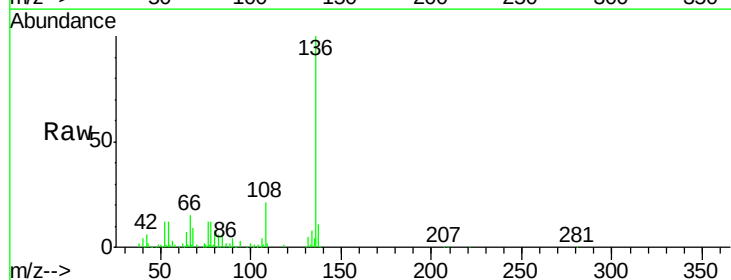
Ion Ratio Lower Upper

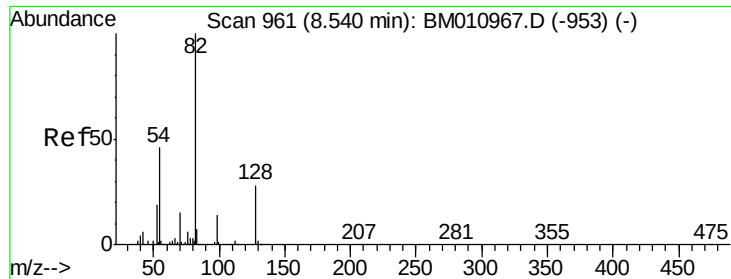
136 100

137 11.4 8.7 13.1

54 12.4 4.6 6.8#

68 9.2 3.7 5.5#

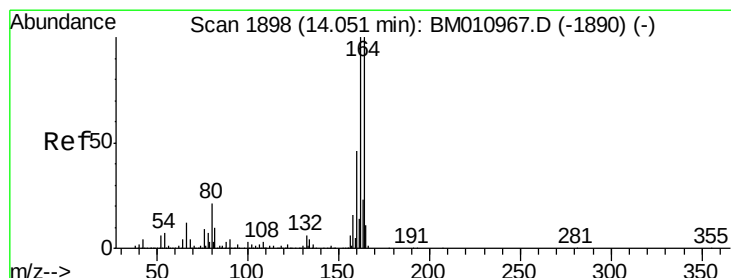
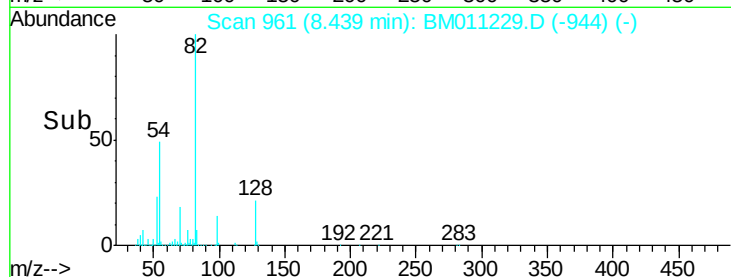
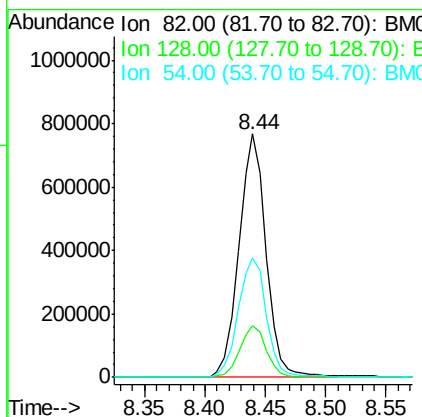
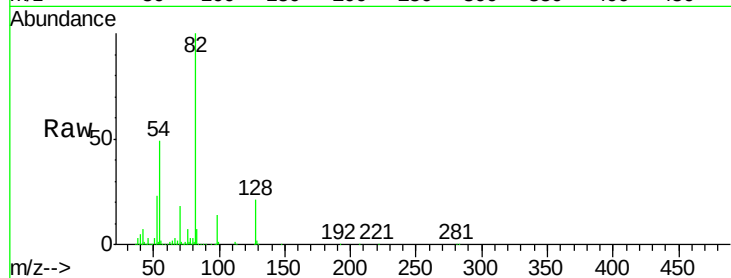




#23
 Nitrobenzene-d5
 Concen: 117.932 ng
 RT: 8.44 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BM011229.D
 Acq: 14 Aug 2017 14:36

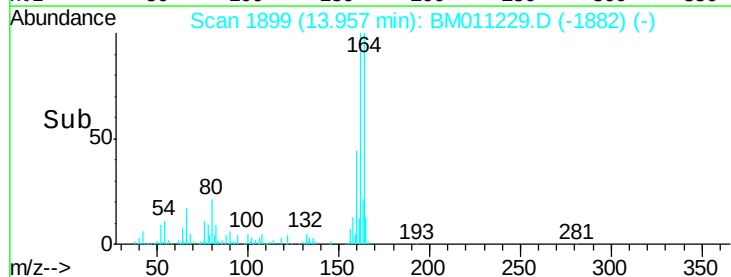
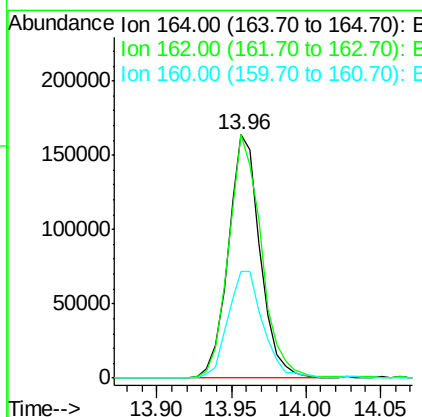
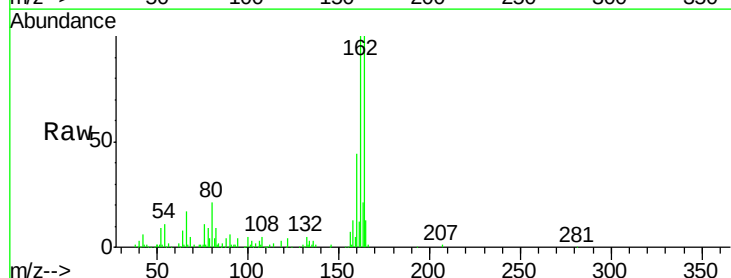
Instrument :
 BNA_M
 ClientSampleId :
 NB-01-080917-B

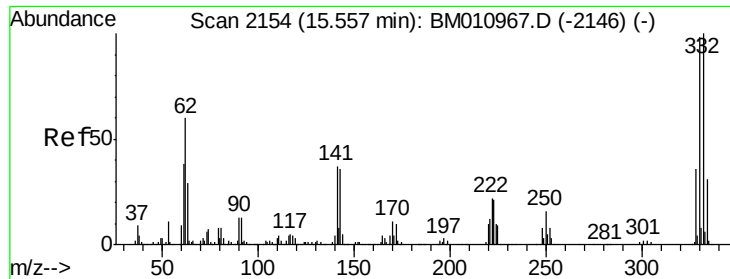
Tgt Ion: 82 Resp: 1202442
 Ion Ratio Lower Upper
 82 100
 128 21.2 32.8 49.2#
 54 49.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. -0.00 min
 Lab File: BM011229.D
 Acq: 14 Aug 2017 14:36

Tgt Ion: 164 Resp: 244029
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.4 123.6
 160 43.7 35.8 53.6

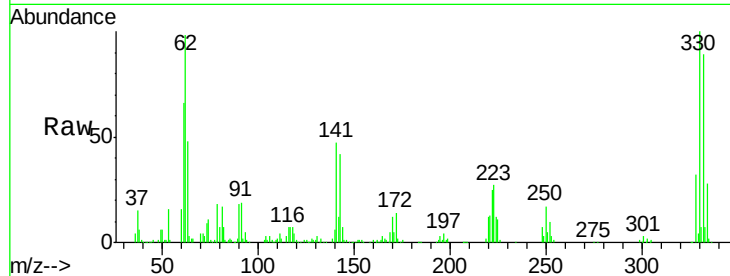




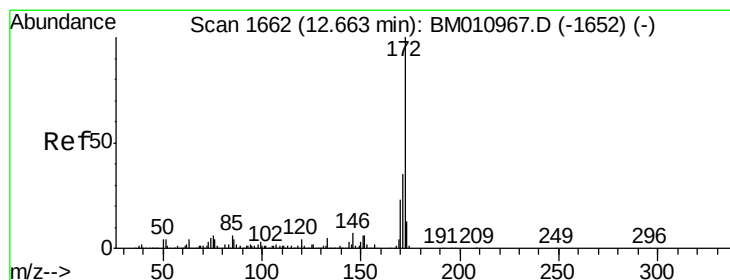
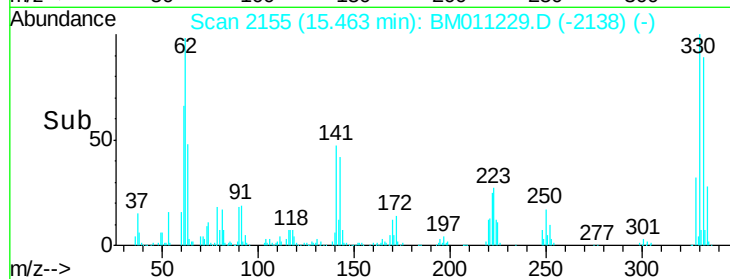
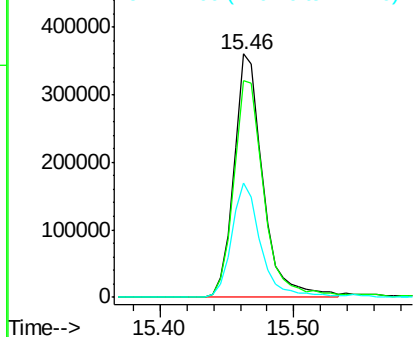
#41
 2,4,6-Tribromophenol
 Concen: 139.243 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BM011229.D
 Acq: 14 Aug 2017 14:36

Instrument :
 BNA_M
 ClientSampleId :
 NB-01-080917-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.4	0.0	0.0#
141	47.3	0.0	0.0#

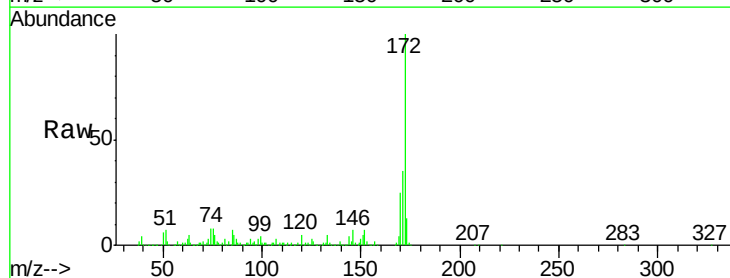


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

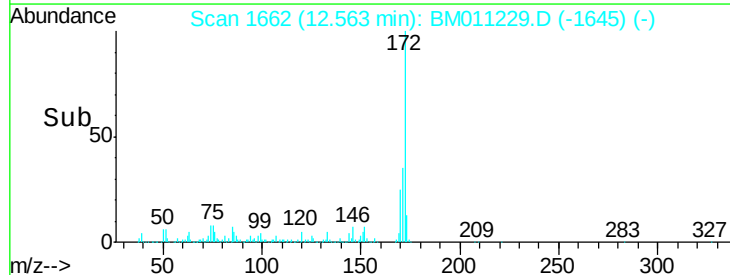
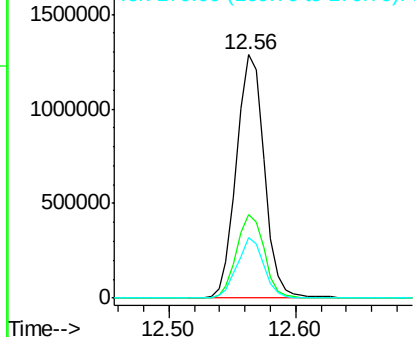


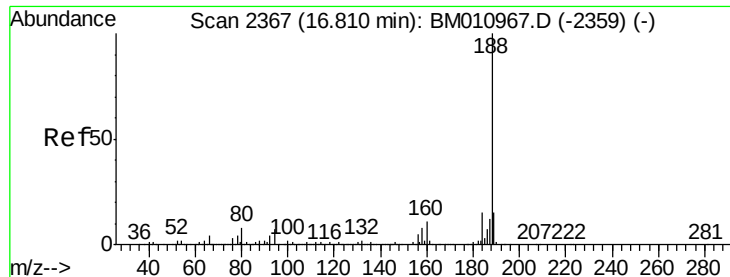
#44
 2-Fluorobiphenyl
 Concen: 100.638 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM011229.D
 Acq: 14 Aug 2017 14:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	24.9	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

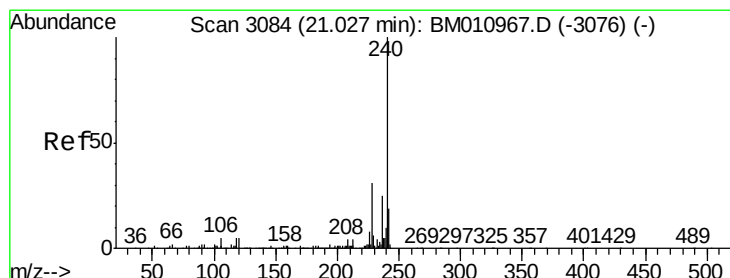
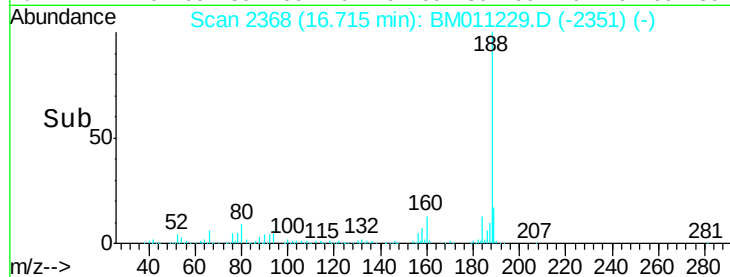
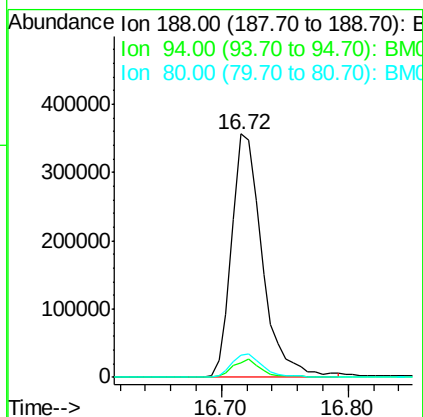
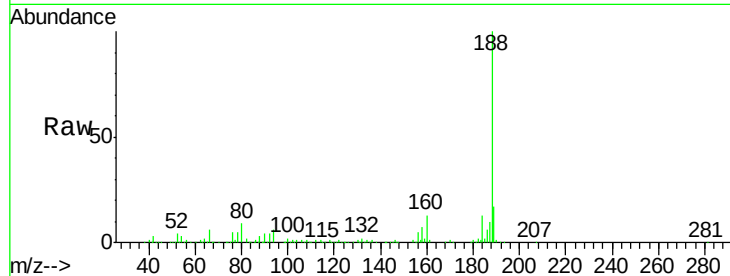




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BM011229.D
Acq: 14 Aug 2017 14:36

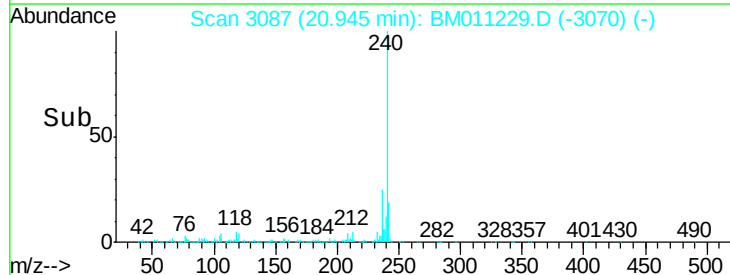
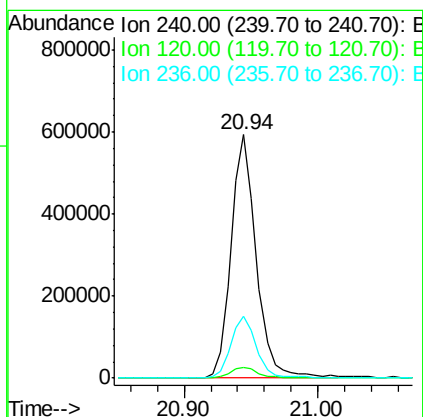
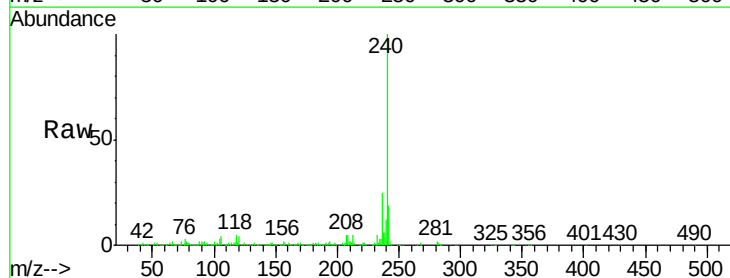
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BNA_M
ClientSampleId :
NB-01-080917-B

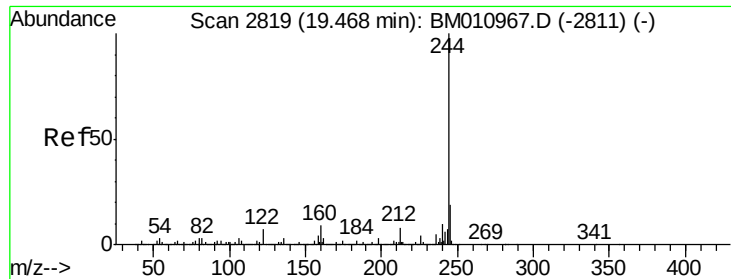
Tgt Ion:188 Resp: 596903
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 8.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM011229.D
Acq: 14 Aug 2017 14:36

Tgt Ion:240 Resp: 784580
Ion Ratio Lower Upper
240 100
120 4.2 8.2 12.2#
236 25.2 20.0 30.0





#78

Terphenyl-d14

Concen: 81.489 ng

RT: 19.39 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BM011229.D

Acq: 14 Aug 2017 14:36

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-B

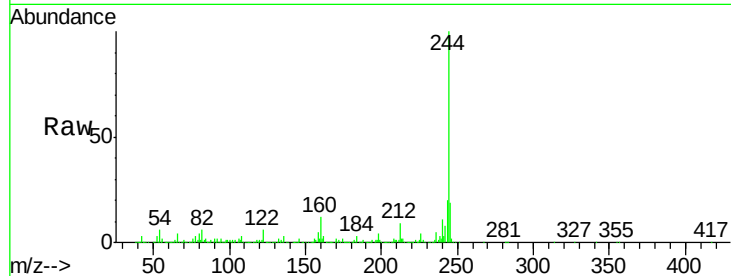
Tgt Ion:244 Resp: 3227604

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

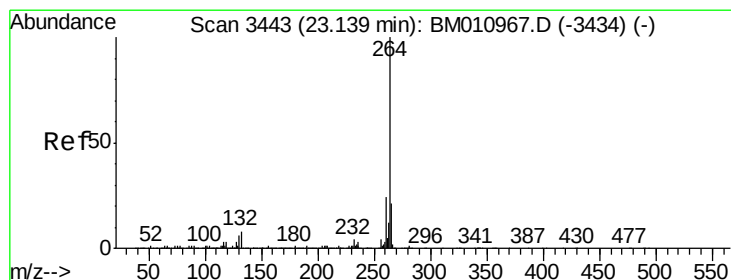
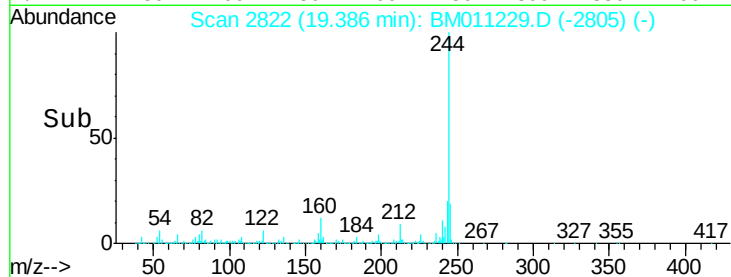
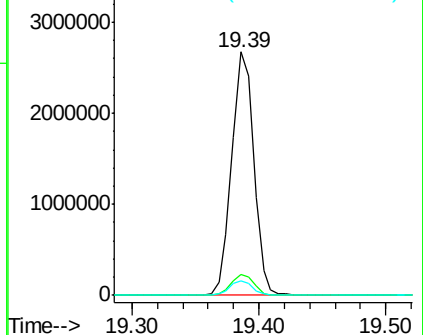
122 6.2 6.2 9.4#



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: 23.02 min Scan# 3440

Delta R.T. -0.00 min

Lab File: BM011229.D

Acq: 14 Aug 2017 14:36

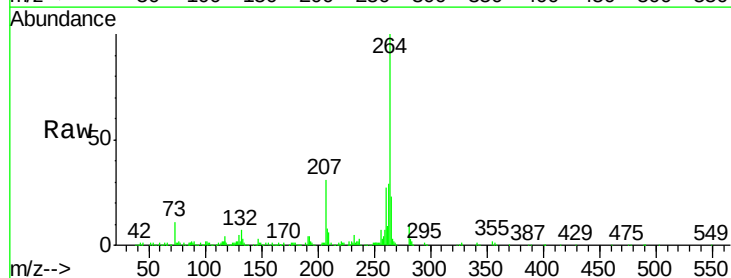
Tgt Ion:264 Resp: 506948

Ion Ratio Lower Upper

264 100

260 27.2 18.6 27.8

265 22.9 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

