

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011176.D
 Acq On : 09 Aug 2017 16:08
 Operator : SJ/JU
 Sample : PB101372TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101372TB

Quant Time: Aug 09 18:25:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 18:20:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	149270	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	507016	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	326044	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	763439	20.00	ng	0.00
75) Chrysene-d12	20.94	240	1041047	20.00	ng	0.00
86) Perylene-d12	23.02	264	1031354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1132788	128.28	ng	0.00
7) Phenol-d6	6.50	99	1533321	122.21	ng	0.00
23) Nitrobenzene-d5	8.45	82	1303703	96.51	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	622423	119.11	ng	0.00
44) 2-Fluorobiphenyl	12.57	172	2211248	85.06	ng	0.00
78) Terphenyl-d14	19.39	244	3550090	67.55	ng	0.00

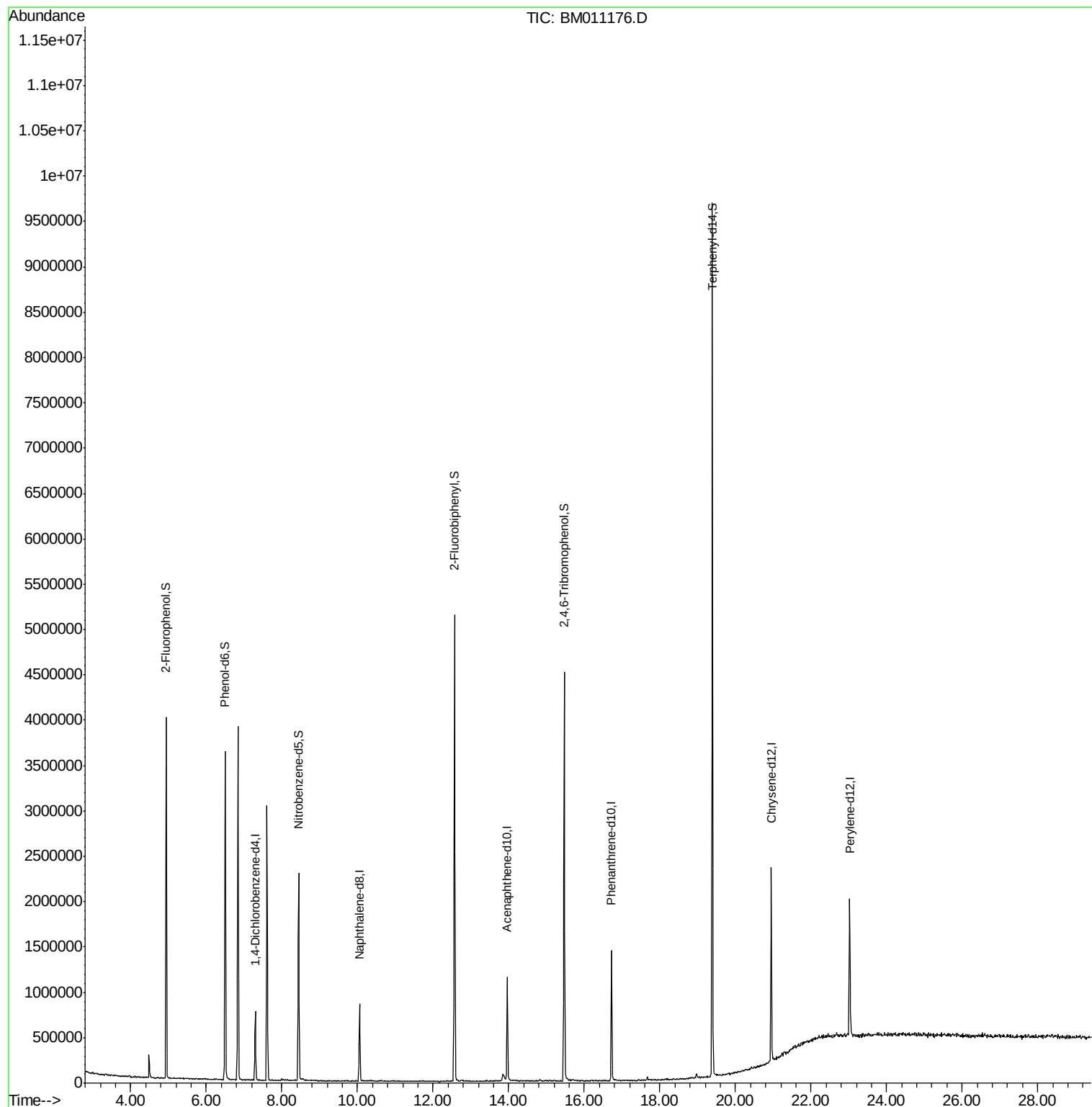
Target Compounds Qvalue

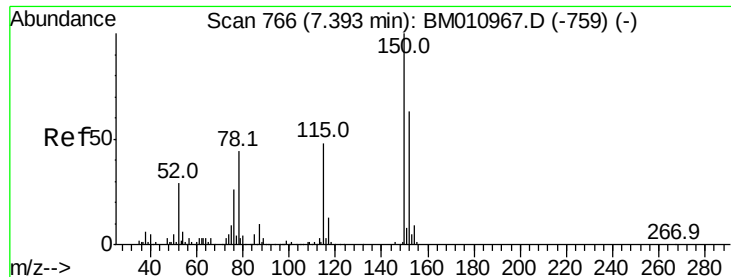
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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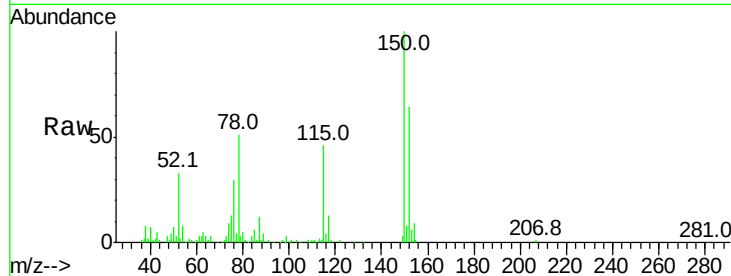


#1

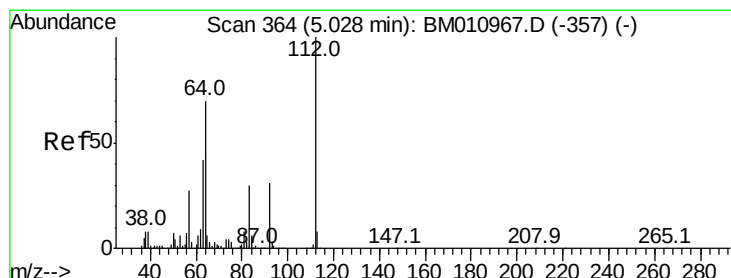
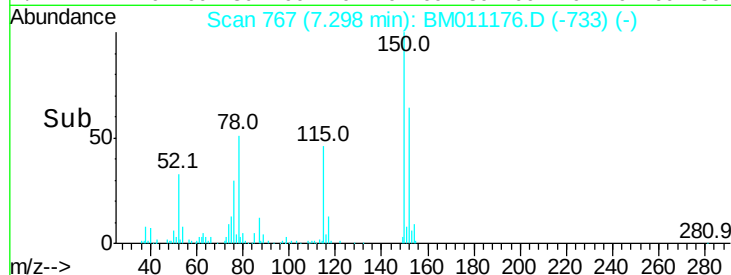
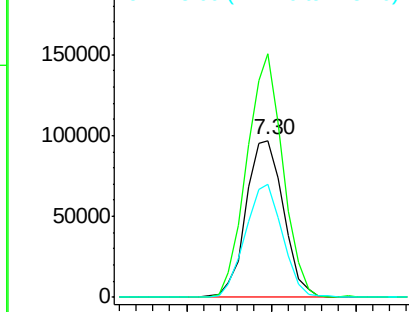
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 767
Delta R.T. 0.00 min
Lab File: BM011176.D
Acq: 09 Aug 2017 16:08

Instrument :
BNA_M
ClientSampleId :
PB101372TB

Tot Ion:152 Resp: 149270
Ion Ratio Lower Upper
152 100
150 155.5 119.5 179.3
115 72.0 43.0 64.4#



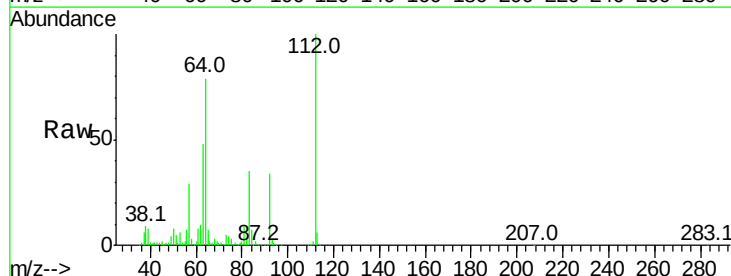
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



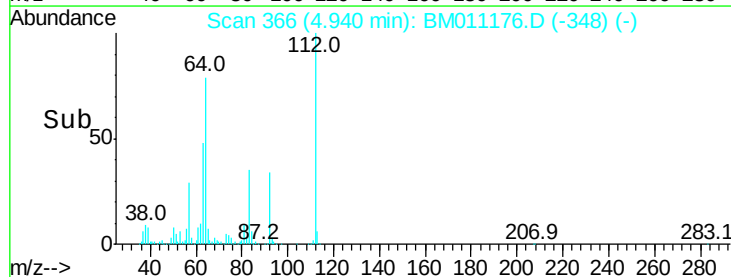
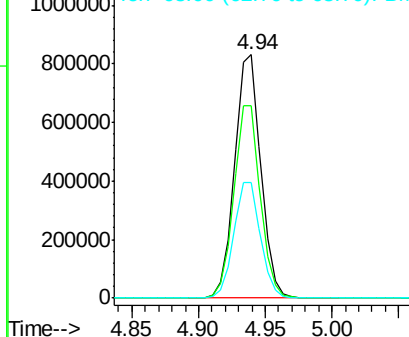
#5

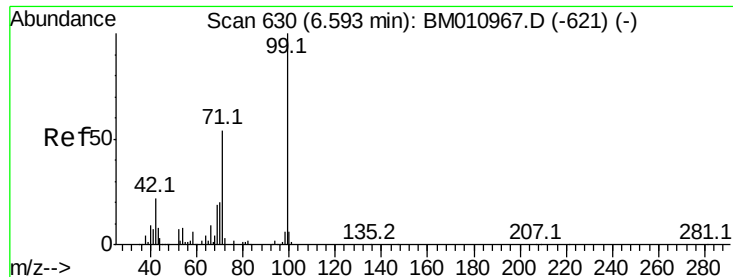
2-Fluorophenol
Concen: 128.285 ng
RT: 4.94 min Scan# 366
Delta R.T. 0.01 min
Lab File: BM011176.D
Acq: 09 Aug 2017 16:08

Tgt Ion:112 Resp: 1132788
Ion Ratio Lower Upper
112 100
64 79.3 38.6 57.8#
63 47.5 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: 122.214 ng

RT: 6.50 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM011176.D

Acq: 09 Aug 2017 16:08

Instrument :

BNA_M

ClientSampleId :

PB101372TB

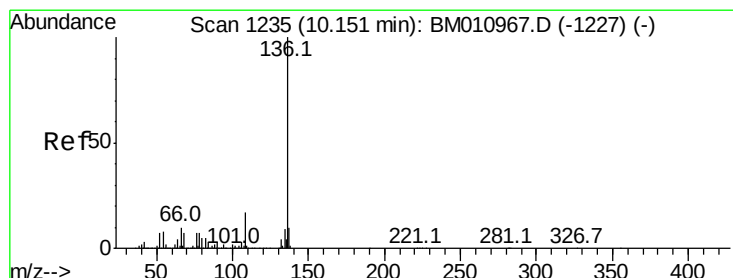
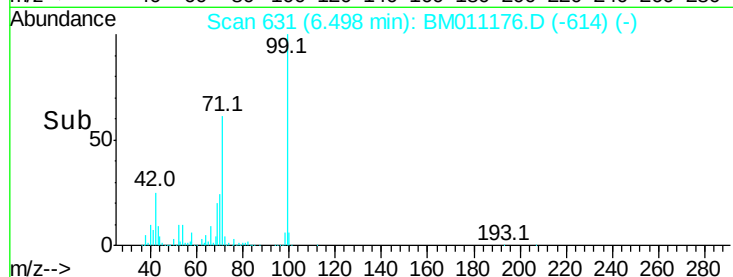
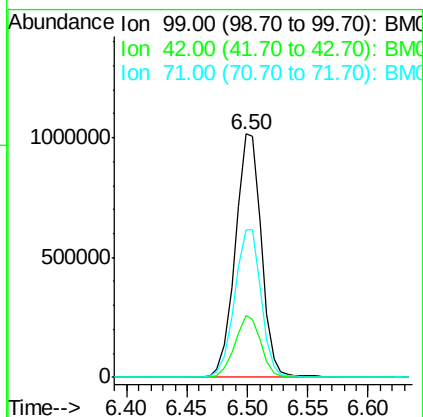
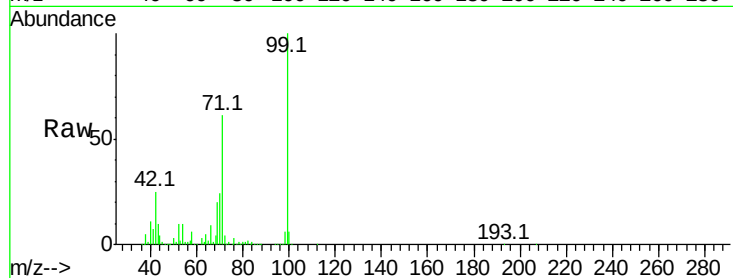
Tot Ion: 99 Resp: 1533321

Ion Ratio Lower Upper

99 100

42 25.2 11.0 16.4#

71 60.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM011176.D

Acq: 09 Aug 2017 16:08

Tgt Ion: 136 Resp: 507016

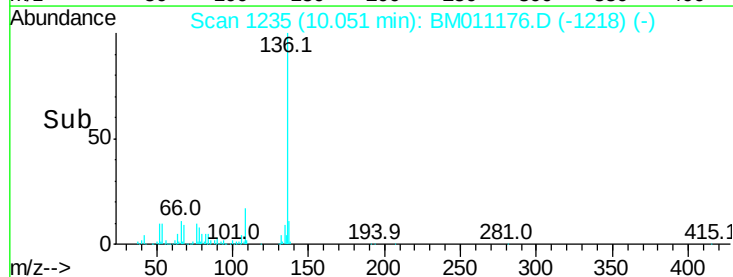
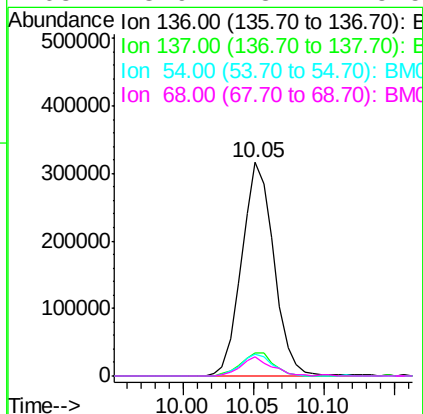
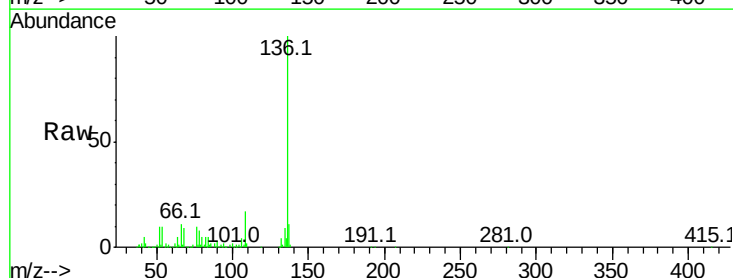
Ion Ratio Lower Upper

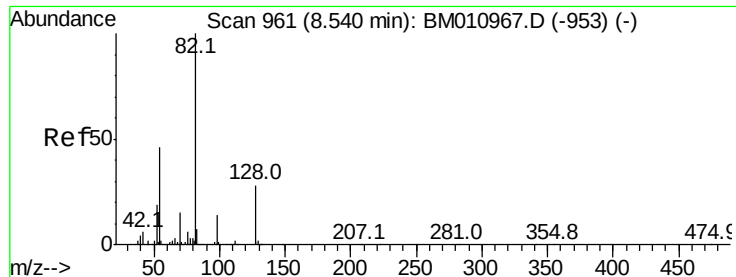
136 100

137 10.9 8.7 13.1

54 10.5 4.6 6.8#

68 8.9 3.7 5.5#

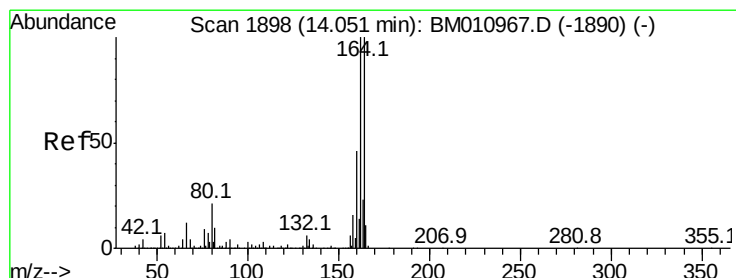
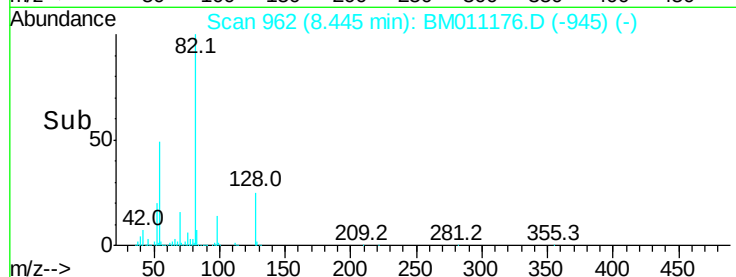
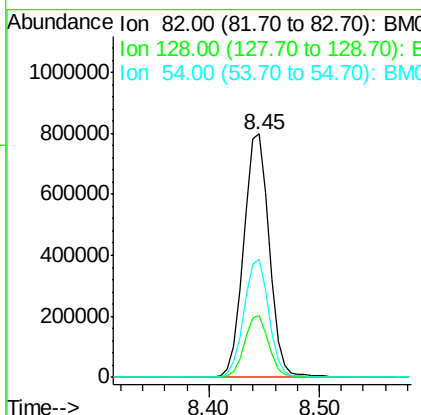
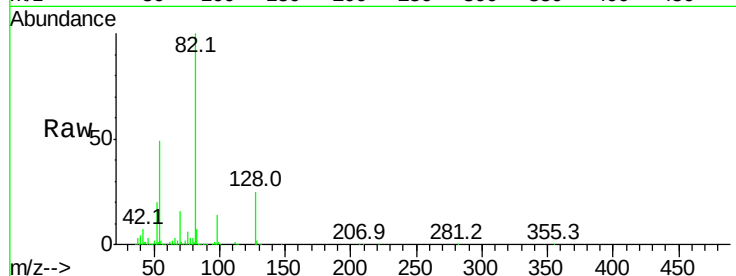




#23
 Nitrobenzene-d5
 Concen: 96.506 ng
 RT: 8.45 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BM011176.D
 Acq: 09 Aug 2017 16:08

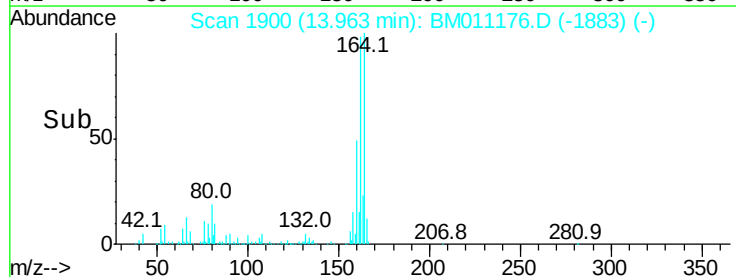
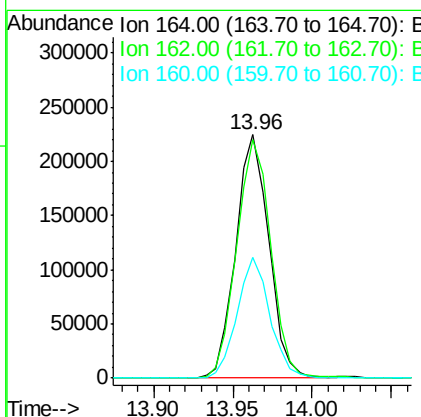
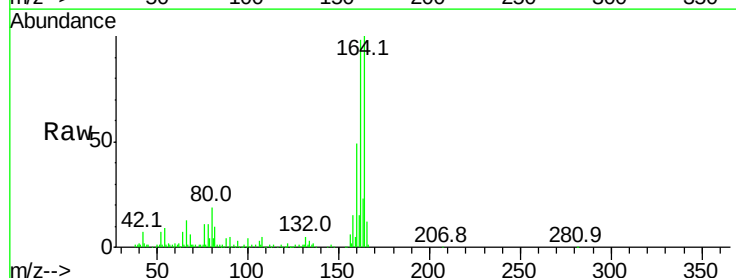
Instrument :
 BNA_M
 ClientSampleId :
 PB101372TB

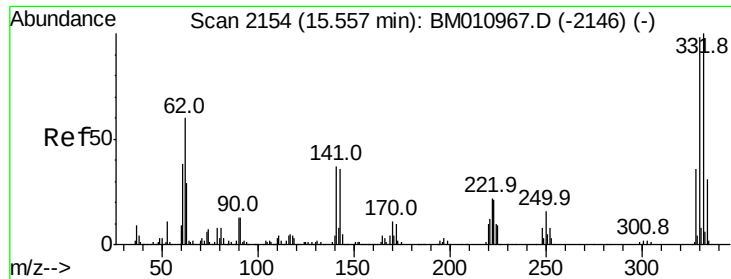
Tot Ion: 82 Resp: 1303703
 Ion Ratio Lower Upper
 82 100
 128 25.3 32.8 49.2#
 54 48.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1900
 Delta R.T. 0.00 min
 Lab File: BM011176.D
 Acq: 09 Aug 2017 16:08

Tgt Ion: 164 Resp: 326044
 Ion Ratio Lower Upper
 164 100
 162 98.0 82.4 123.6
 160 49.5 35.8 53.6

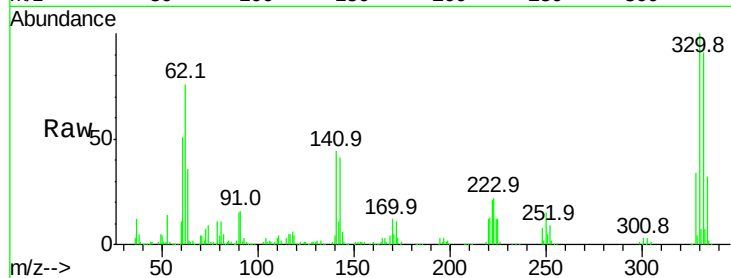




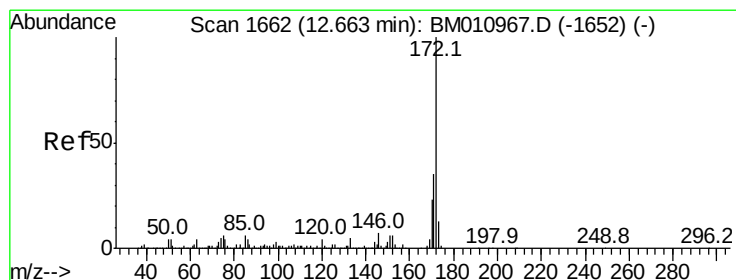
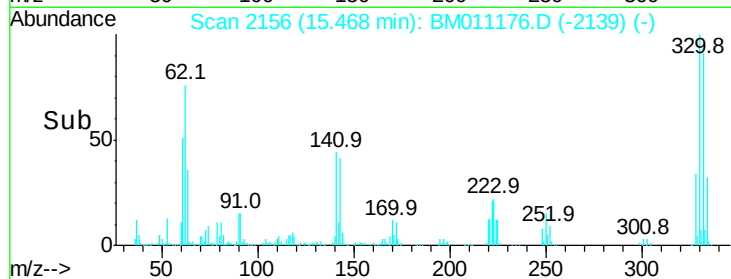
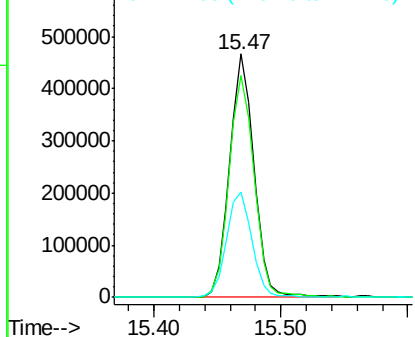
#41
 2,4,6-Tribromophenol
 Concen: 119.106 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BM011176.D
 Acq: 09 Aug 2017 16:08

Instrument :
 BNA_M
 ClientSampleId :
 PB101372TB

Tot Ion:330 Resp: 622423
 Ion Ratio Lower Upper
 330 100
 332 93.7 0.0 0.0#
 141 45.3 0.0 0.0#

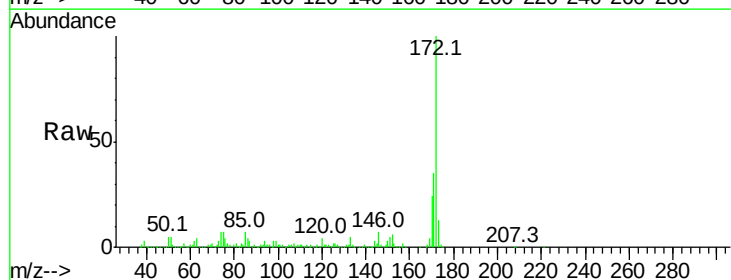


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

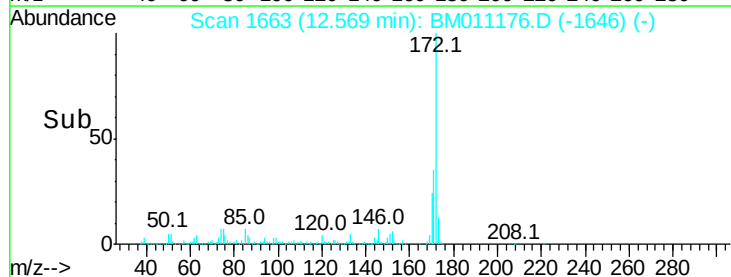
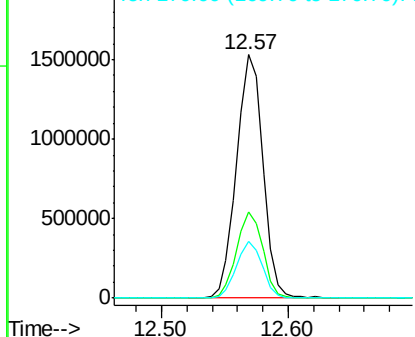


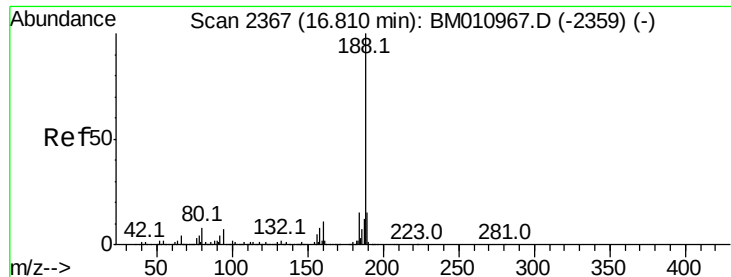
#44
 2-Fluorobiphenyl
 Concen: 85.056 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM011176.D
 Acq: 09 Aug 2017 16:08

Tgt Ion:172 Resp: 2211248
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

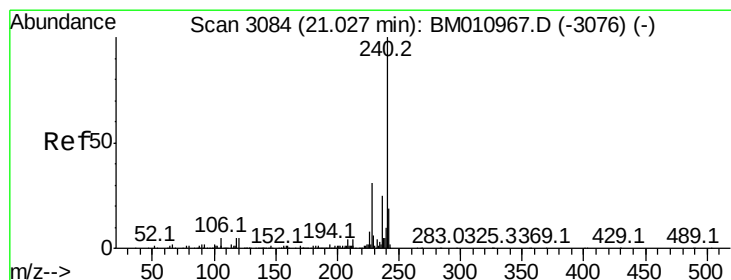
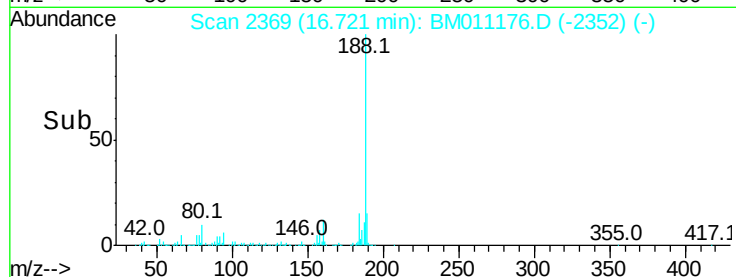
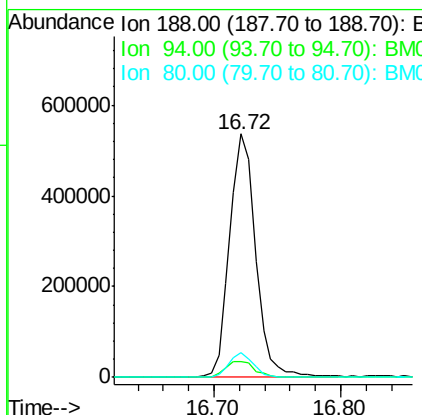
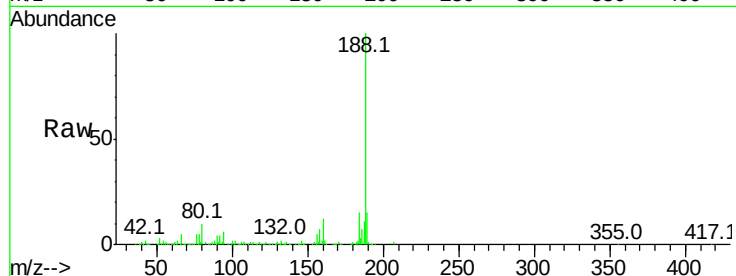




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BM011176.D
Acq: 09 Aug 2017 16:08

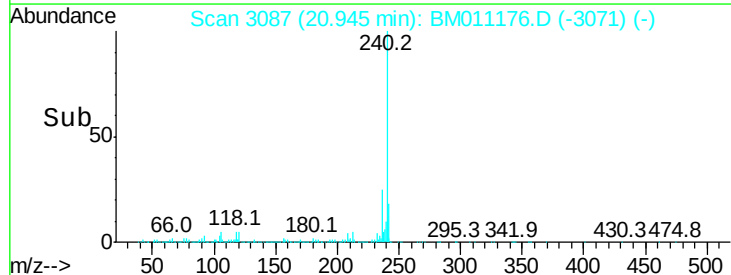
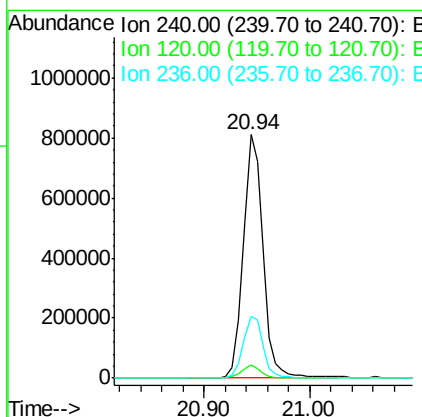
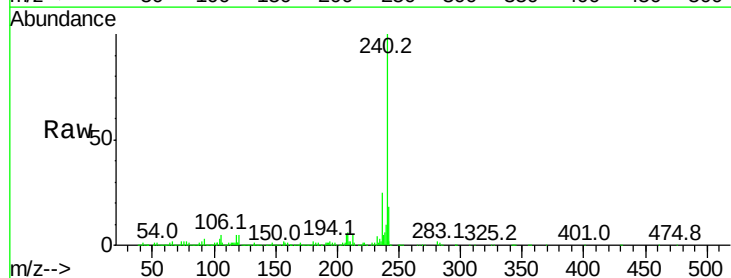
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ClientSampleId :
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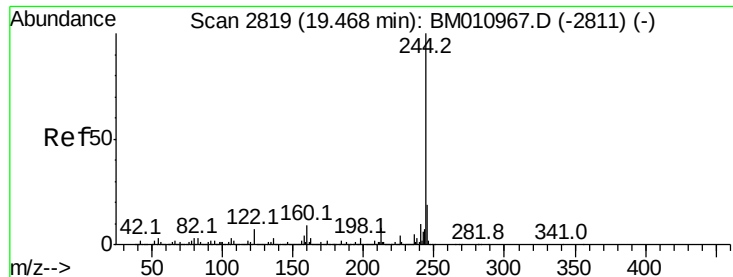
Tot Ion:188 Resp: 763439
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 10.2 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM011176.D
Acq: 09 Aug 2017 16:08

Tgt Ion:240 Resp: 1041047
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 25.2 20.0 30.0





#78

Terphenyl-d14

Concen: 67.550 ng

RT: 19.39 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM011176.D

Acq: 09 Aug 2017 16:08

Instrument :

BNA_M

ClientSampleId :

PB101372TB

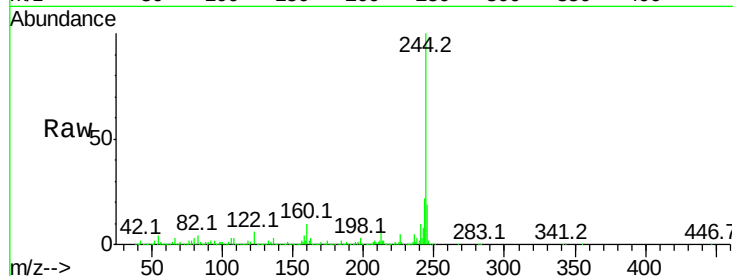
Tot Ion:244 Resp: 3550090

Ion Ratio Lower Upper

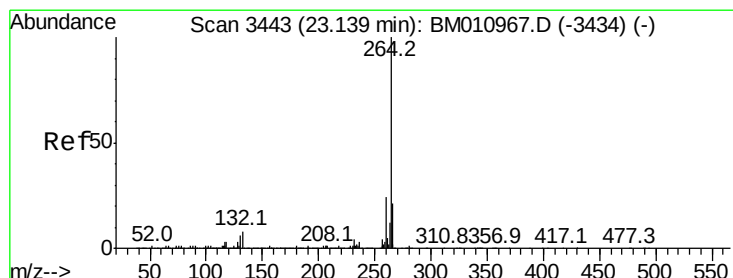
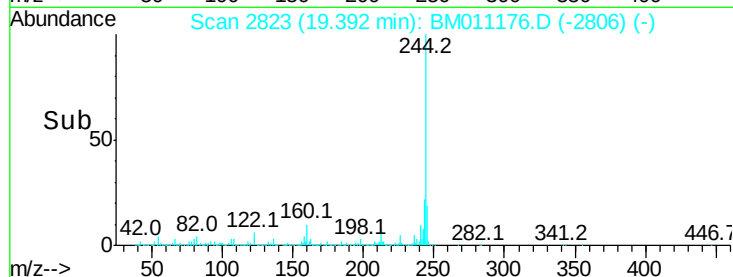
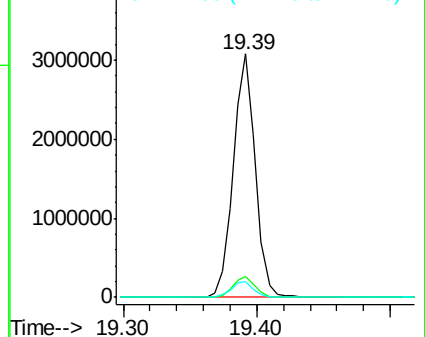
244 100

212 8.4 4.9 7.3#

122 6.3 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. -0.01 min

Lab File: BM011176.D

Acq: 09 Aug 2017 16:08

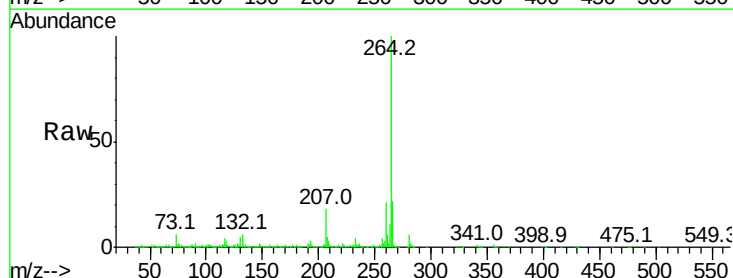
Tgt Ion:264 Resp: 1031354

Ion Ratio Lower Upper

264 100

260 21.3 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

