

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\
 Data File : BM011212.D
 Acq On : 11 Aug 2017 21:43
 Operator : SJ/JU
 Sample : PB101443TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101443TB

Quant Time: Aug 11 23:51:25 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	7.29	152	110921	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	382041	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	237121	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	539617	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	631840	20.00	ng	-0.08
86) Perylene-d12	23.02	264	703950	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	876525	133.58	ng	-0.09
7) Phenol-d6	6.50	99	1139600	122.24	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1011207	99.34	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	416786	109.66	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	1676510	88.67	ng	-0.09
78) Terphenyl-d14	19.39	244	2414011	75.68	ng	-0.08

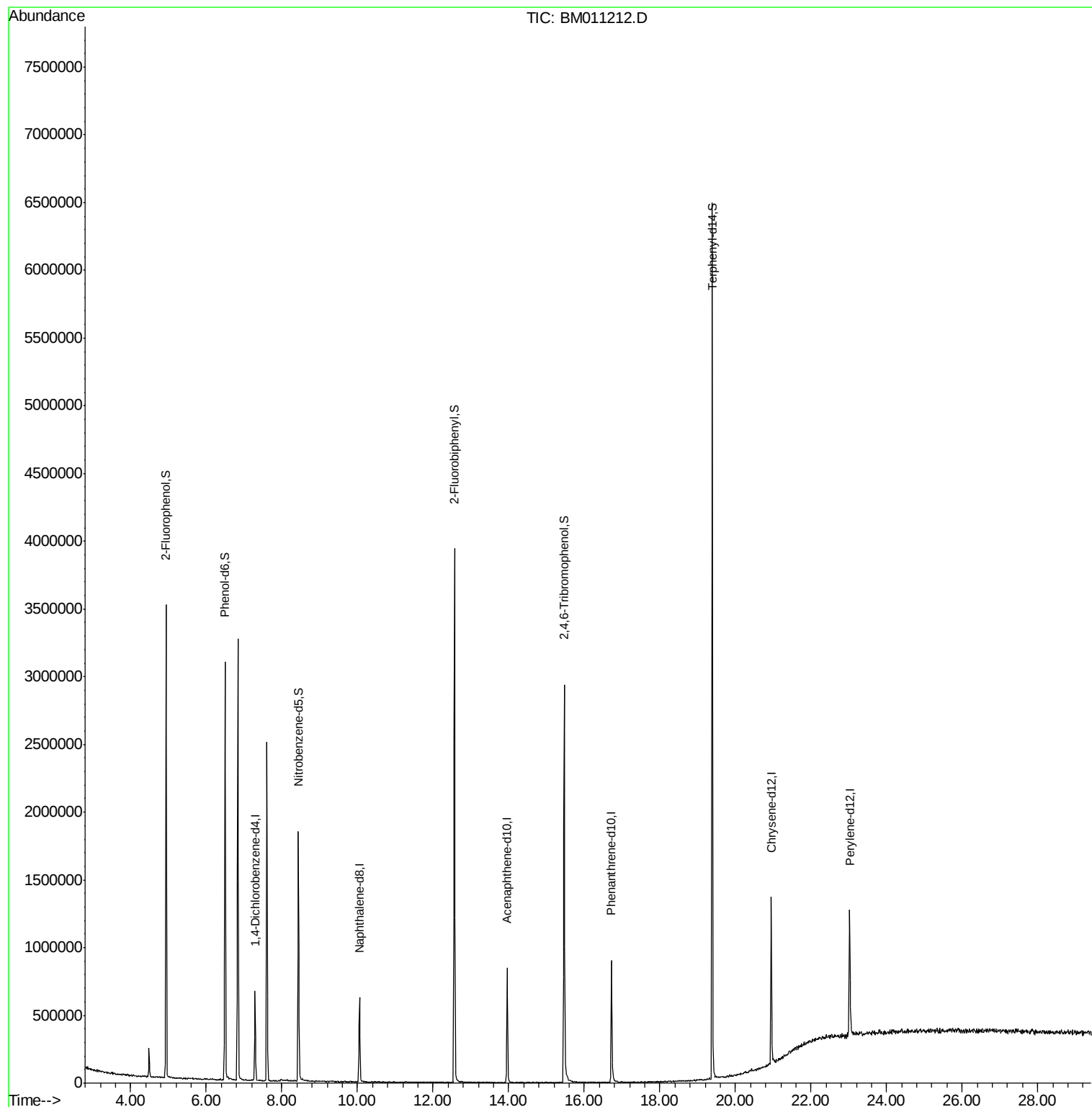
Target Compounds Qvalue

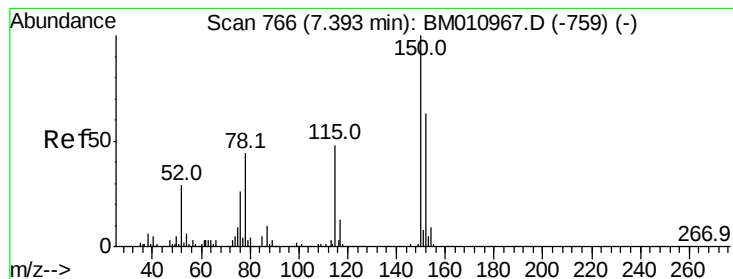
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.29 min Scan# 766

Delta R.T. -0.10 min

Lab File: BM011212.D

Acq: 11 Aug 2017 21:43

Instrument :

BNA_M

ClientSampleId :

PB101443TB

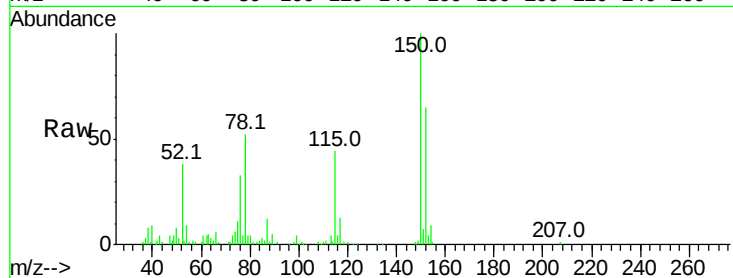
Tot Ion:152 Resp: 110921

Ion Ratio Lower Upper

152 100

150 154.2 119.5 179.3

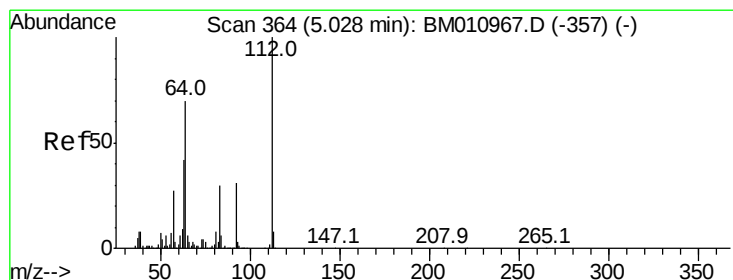
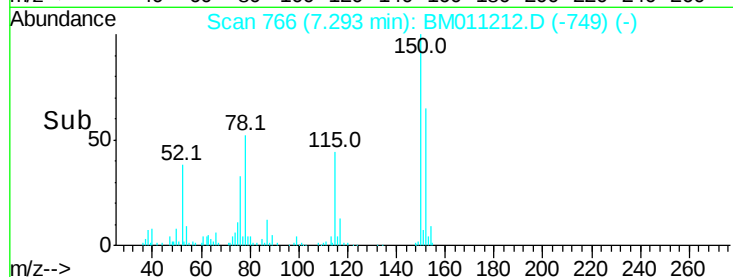
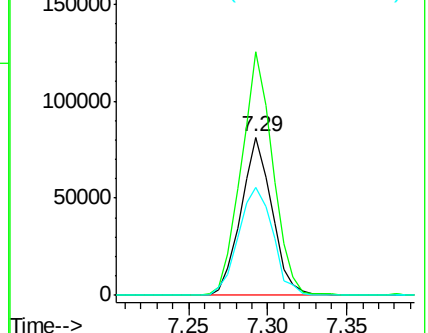
115 68.6 43.0 64.4#



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: 133.583 ng

RT: 4.93 min Scan# 365

Delta R.T. -0.09 min

Lab File: BM011212.D

Acq: 11 Aug 2017 21:43

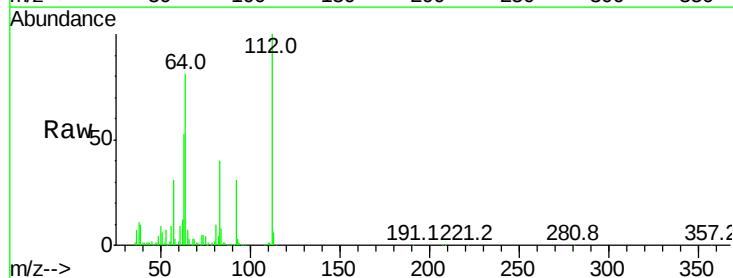
Tgt Ion:112 Resp: 876525

Ion Ratio Lower Upper

112 100

64 81.0 38.6 57.8#

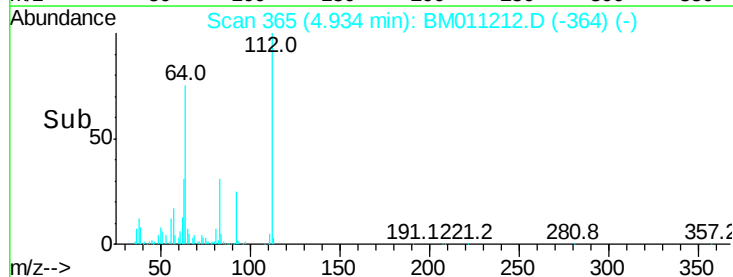
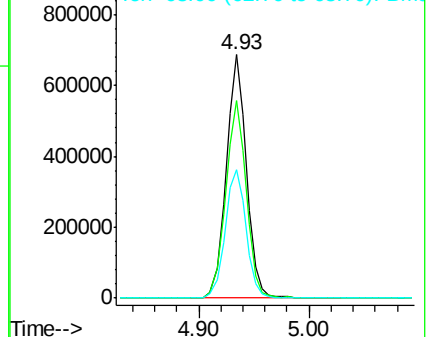
63 52.9 19.3 28.9#

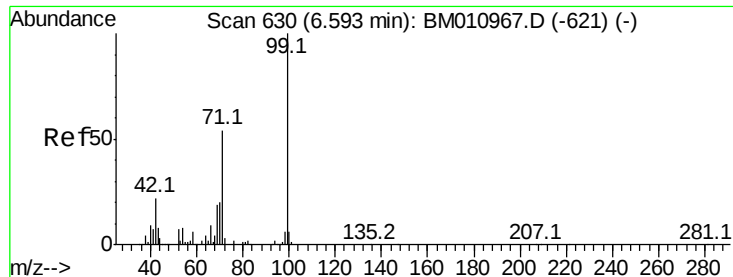


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 122.236 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011212.D

Acq: 11 Aug 2017 21:43

Instrument :

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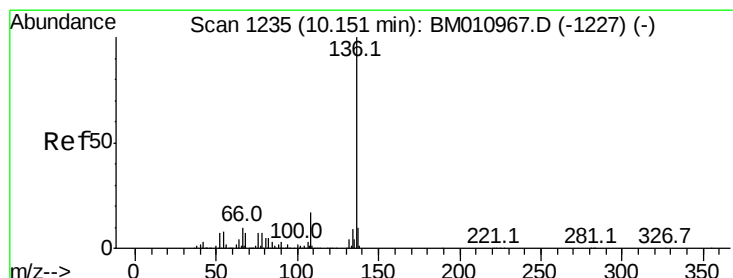
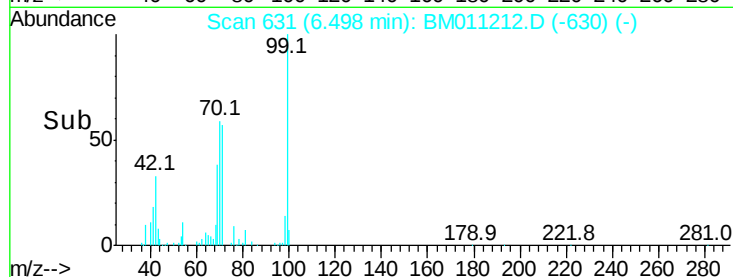
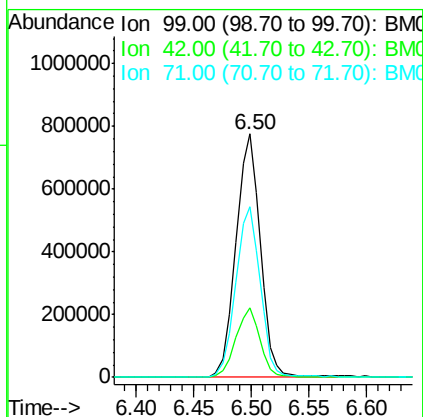
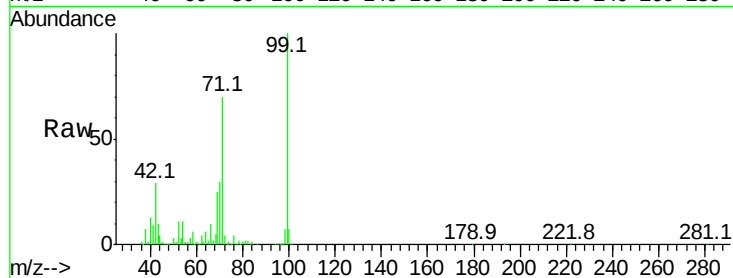
Tot Ion: 99 Resp: 1139600

Ion Ratio Lower Upper

99 100

42 28.7 11.0 16.4#

71 70.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011212.D

Acq: 11 Aug 2017 21:43

Tgt Ion: 136 Resp: 382041

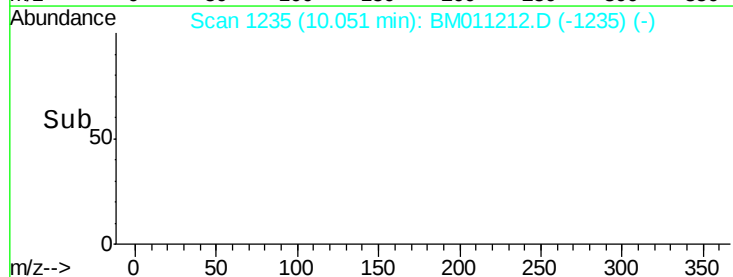
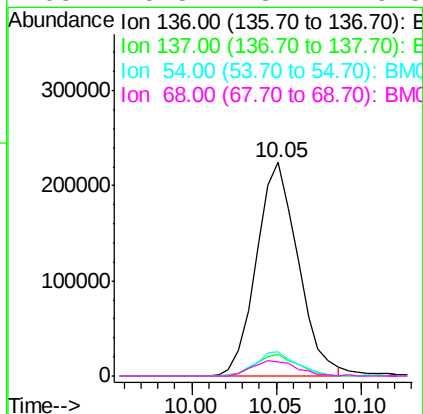
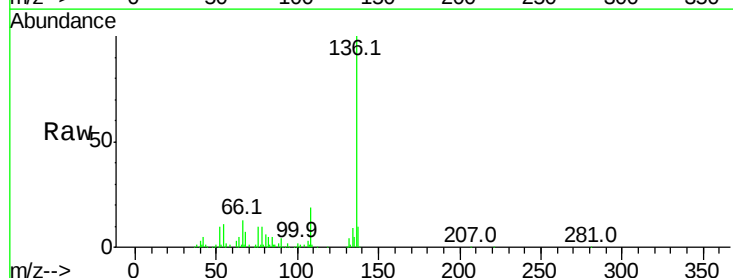
Ion Ratio Lower Upper

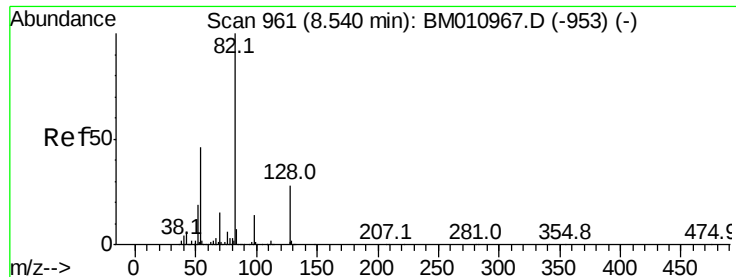
136 100

137 10.1 8.7 13.1

54 11.4 4.6 6.8#

68 6.8 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 99.341 ng

RT: 8.44 min Scan# 961

Delta R.T. -0.10 min

Lab File: BM011212.D

Acq: 11 Aug 2017 21:43

Instrument :

BNA_M

ClientSampleId :

PB101443TB

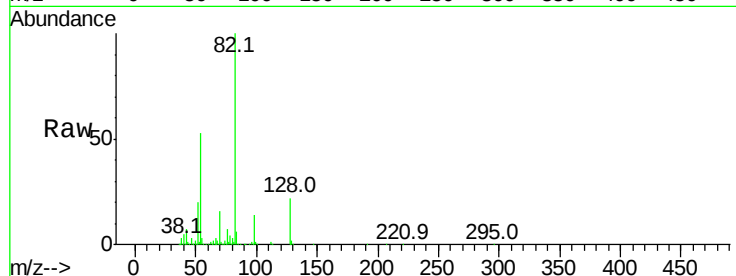
Tot Ion: 82 Resp: 1011207

Ion Ratio Lower Upper

82 100

128 22.4 32.8 49.2#

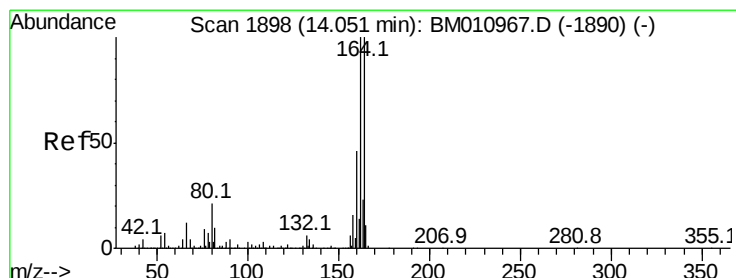
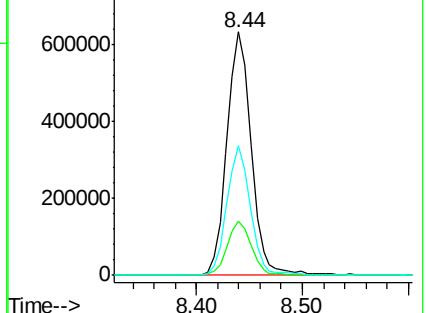
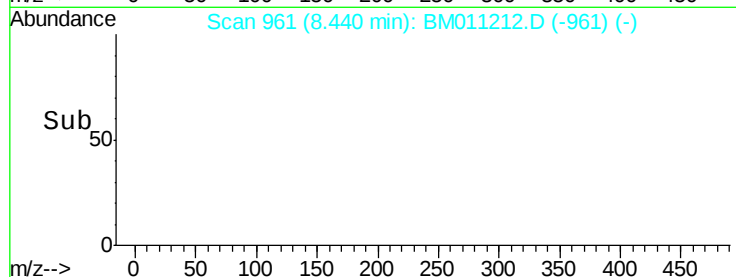
54 53.2 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011212.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011212.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011212.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1900

Delta R.T. -0.09 min

Lab File: BM011212.D

Acq: 11 Aug 2017 21:43

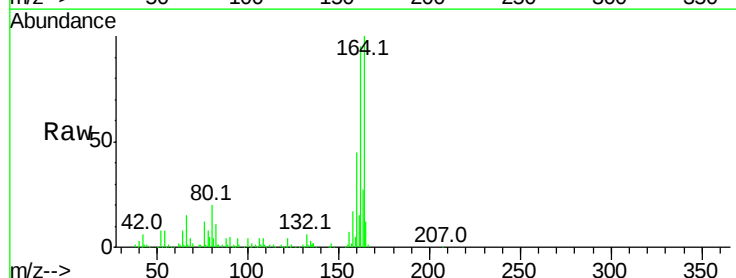
Tgt Ion: 164 Resp: 237121

Ion Ratio Lower Upper

164 100

162 95.4 82.4 123.6

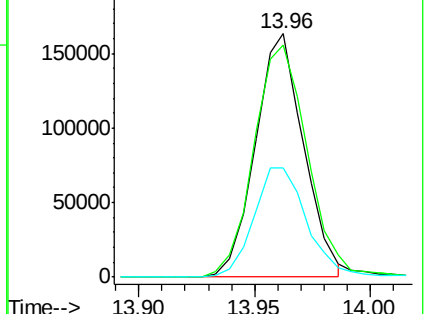
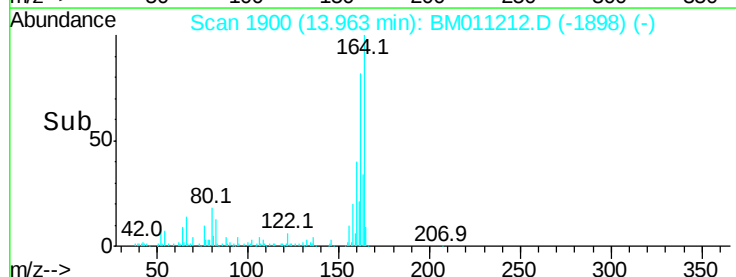
160 44.6 35.8 53.6

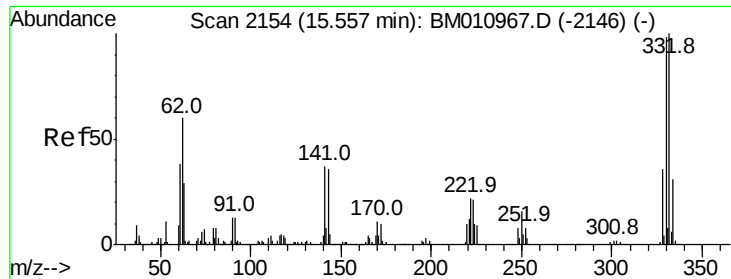


Abundance Ion 164.00 (163.70 to 164.70): BM011212.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011212.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011212.D (-1898) (-)





#41

2,4,6-Tribromophenol

Concen: 109.665 ng

RT: 15.47 min Scan# 2156

Delta R.T. -0.09 min

Lab File: BM011212.D

Acq: 11 Aug 2017 21:43

Instrument :

BNA_M

ClientSampleId :

PB101443TB

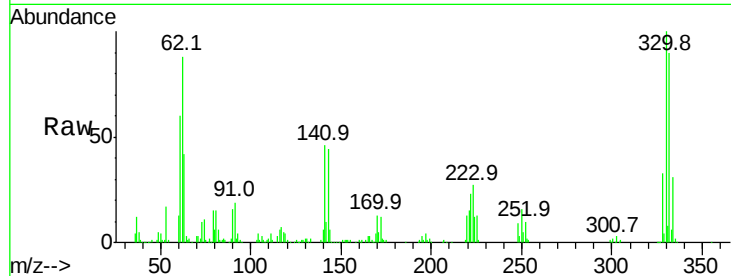
Tot Ion:330 Resp: 416786

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

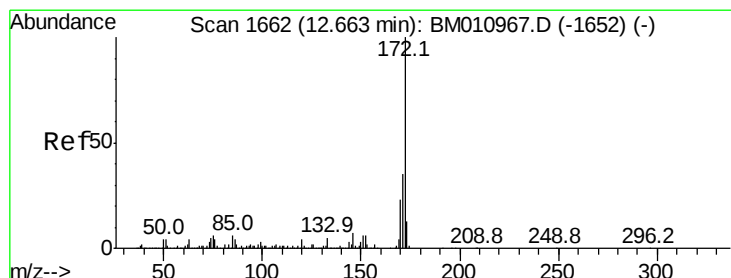
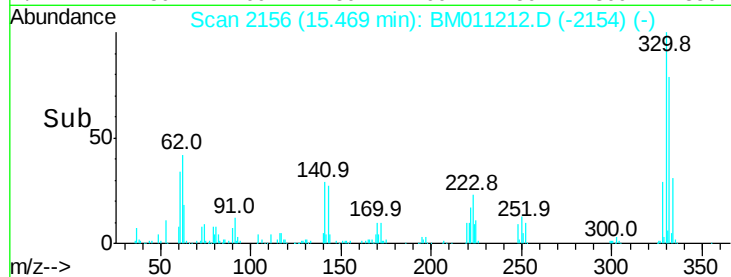
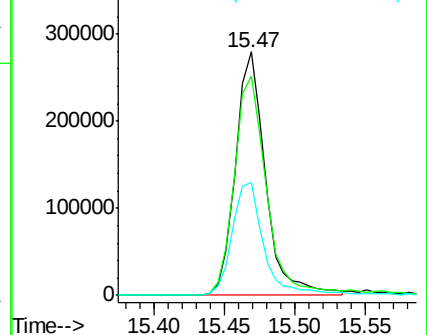
141 48.0 0.0 0.0#



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: 88.671 ng

RT: 12.57 min Scan# 1663

Delta R.T. -0.09 min

Lab File: BM011212.D

Acq: 11 Aug 2017 21:43

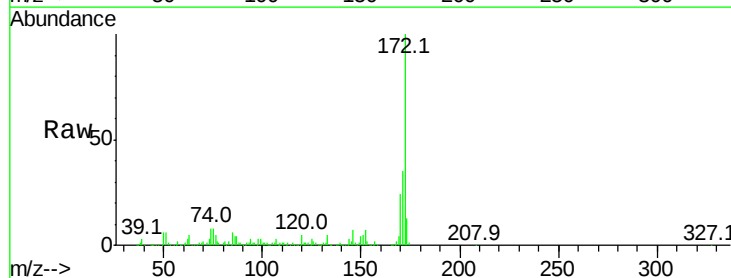
Tgt Ion:172 Resp: 1676510

Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

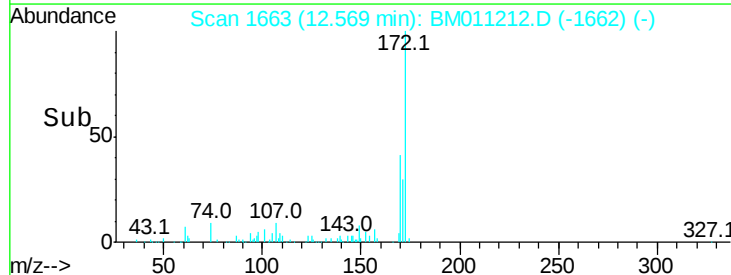
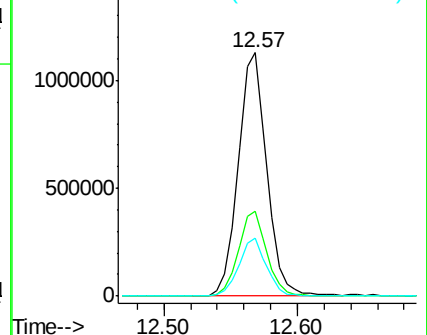
170 24.1 18.8 28.2

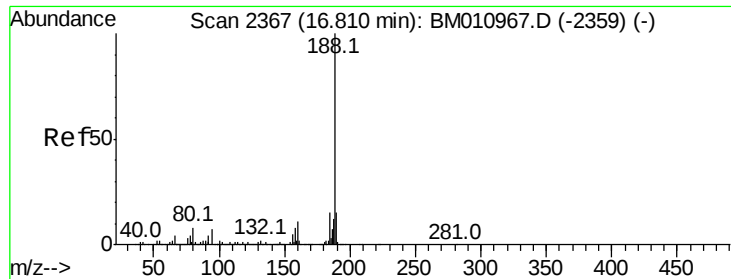


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

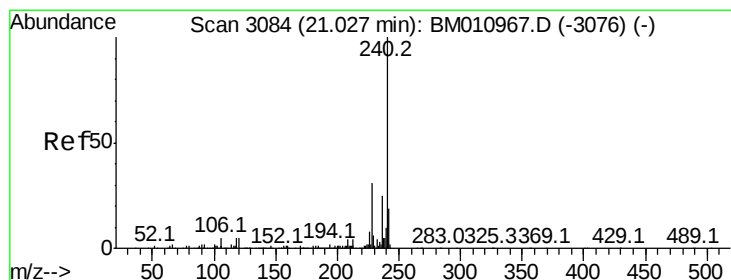
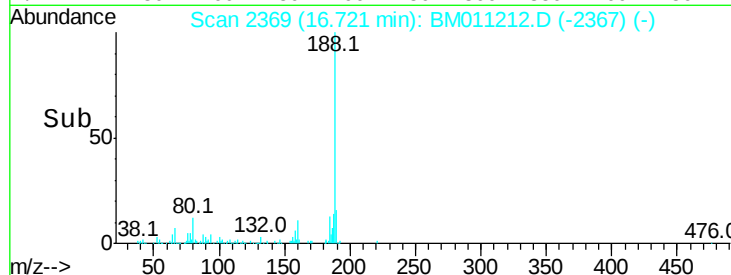
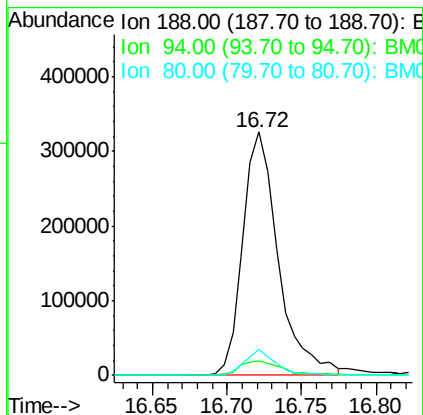
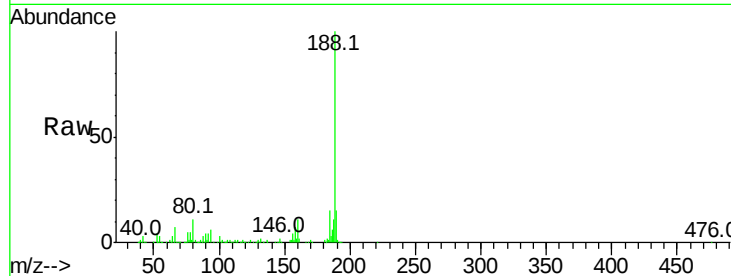




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011212.D
Acq: 11 Aug 2017 21:43

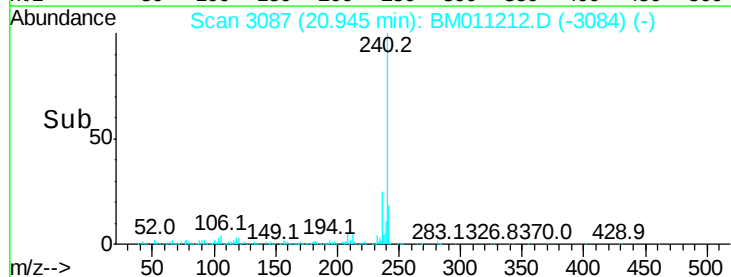
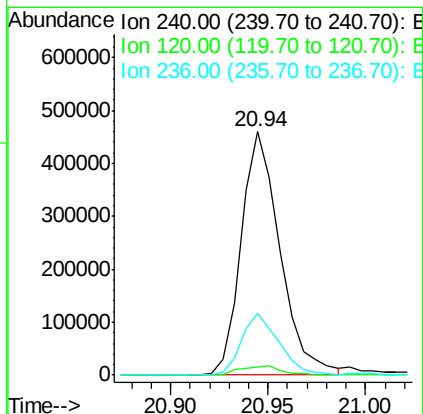
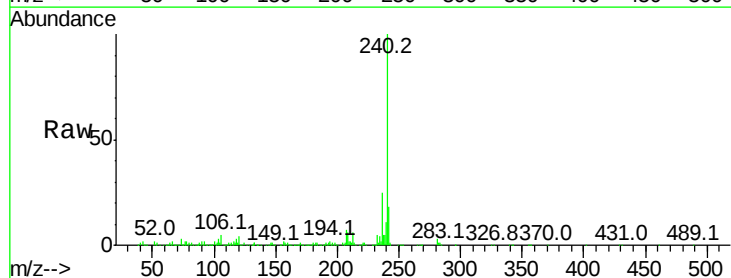
Instrument :
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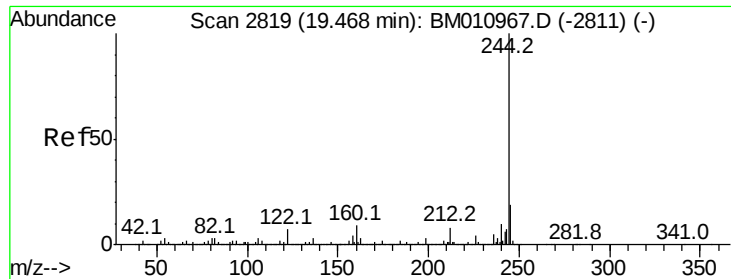
Tot Ion:188 Resp: 539617
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 10.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011212.D
Acq: 11 Aug 2017 21:43

Tgt Ion:240 Resp: 631840
Ion Ratio Lower Upper
240 100
120 3.6 8.2 12.2#
236 25.2 20.0 30.0

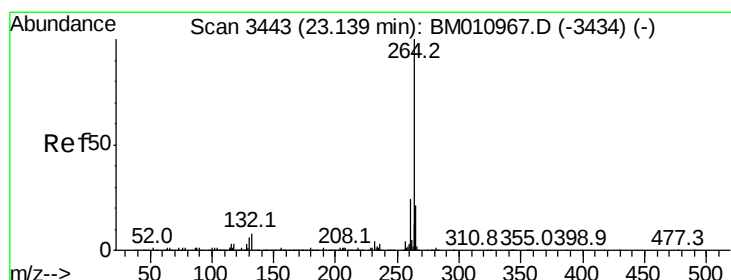
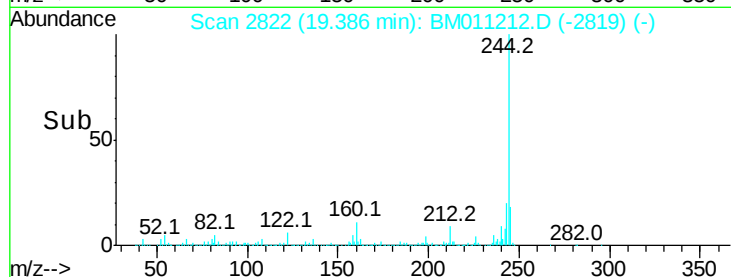
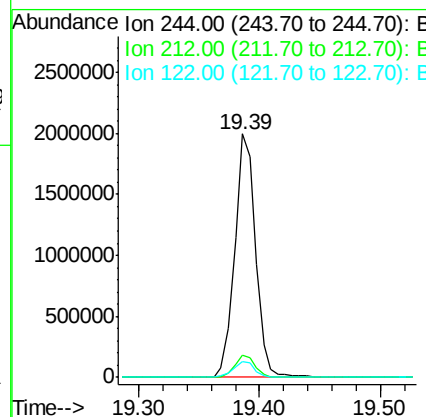
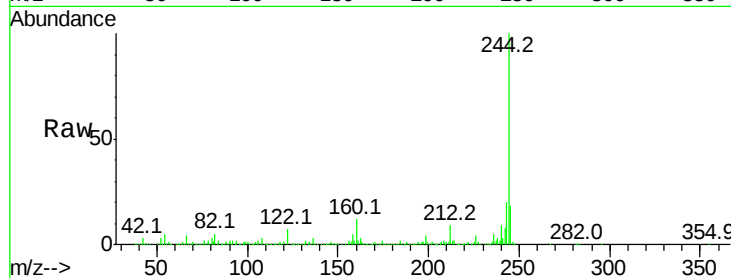




#78
 Terphenyl-d14
 Concen: 75.681 ng
 RT: 19.39 min Scan# 2822
 Delta R.T. -0.08 min
 Lab File: BM011212.D
 Acq: 11 Aug 2017 21:43

Instrument :
 BNA_M
 ClientSampleID :
 PB101443TB

Tot Ion:244 Resp: 2414011
 Ion Ratio Lower Upper
 244 100
 212 9.0 4.9 7.3#
 122 6.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. -0.12 min
 Lab File: BM011212.D
 Acq: 11 Aug 2017 21:43

Tgt Ion:264 Resp: 703950
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 22.3 17.3 25.9

