

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072617\
 Data File : BM010978.D
 Acq On : 26 Jul 2017 19:38
 Operator : SJ/JU
 Sample : PB100831BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100831BL

Quant Time: Jul 27 08:47:04 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	7.39	152	546169	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	2121043	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	1353936	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	3173207	20.00	ng	0.00
75) Chrysene-d12	21.03	240	2558951	20.00	ng	0.00
86) Perylene-d12	23.14	264	1804186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	2390420	73.99	ng	0.00
7) Phenol-d6	6.60	99	3238880	70.56	ng	0.00
23) Nitrobenzene-d5	8.54	82	2565550	45.40	ng	0.00
41) 2,4,6-Tribromophenol	15.56	330	1476253	68.03	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	5237064	48.51	ng	0.00
78) Terphenyl-d14	19.47	244	6288021	48.68	ng	0.00

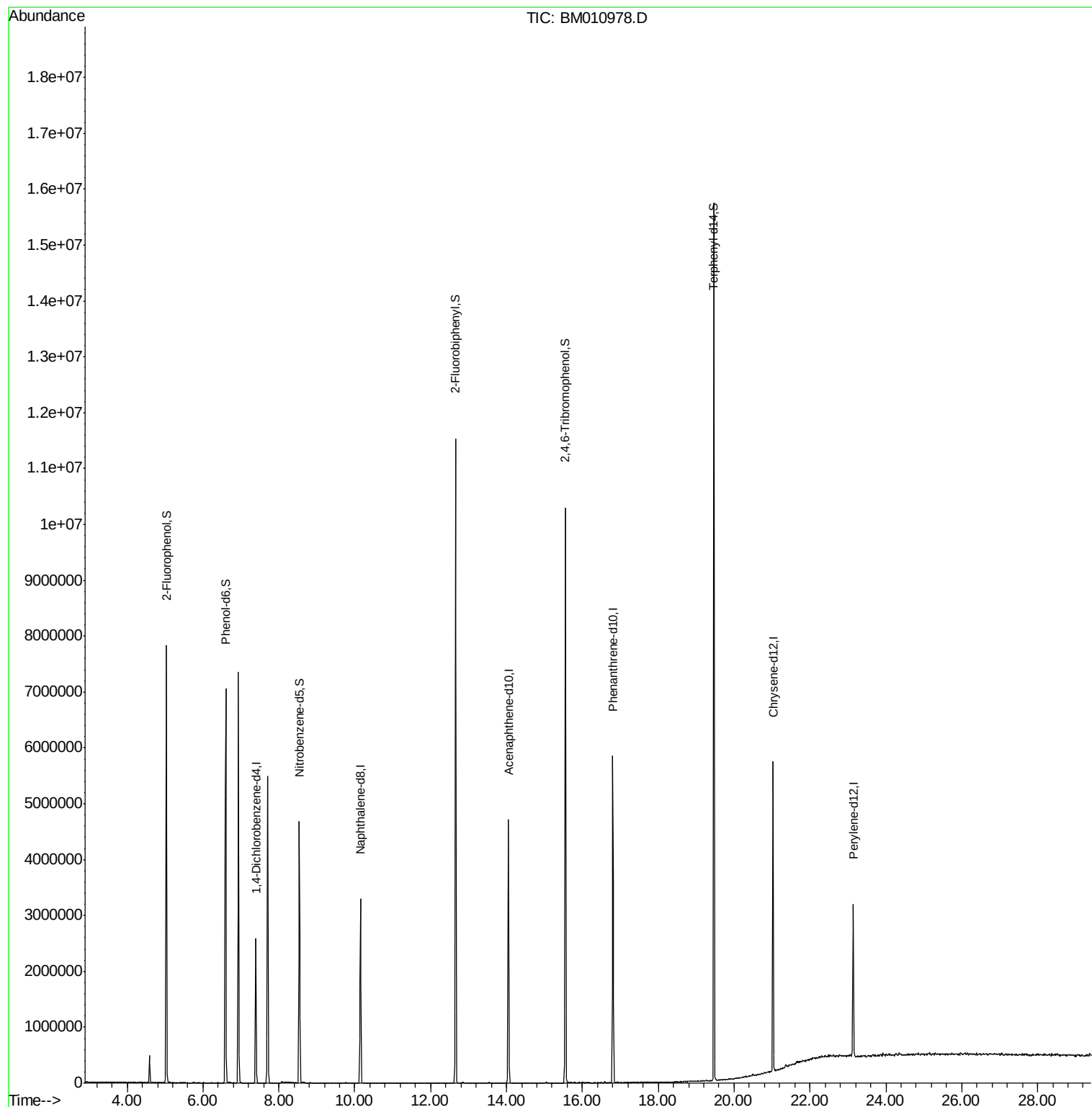
Target Compounds	Qvalue
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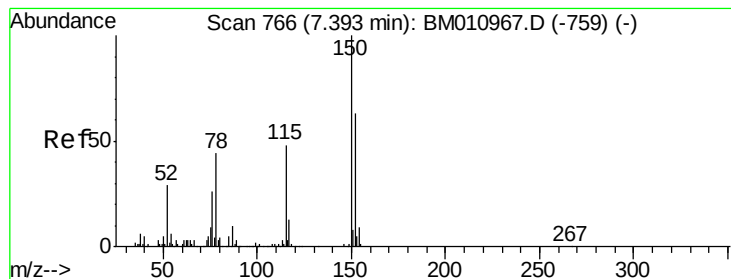
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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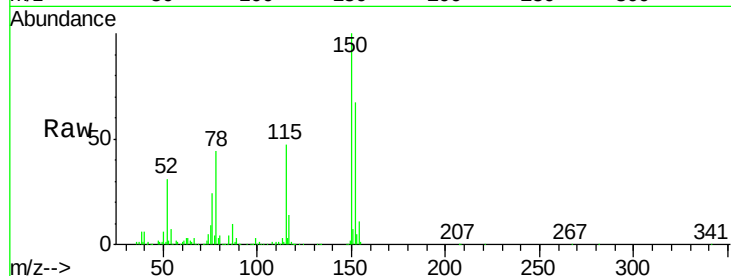


#1

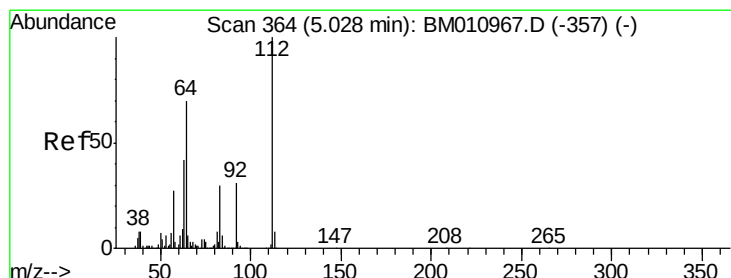
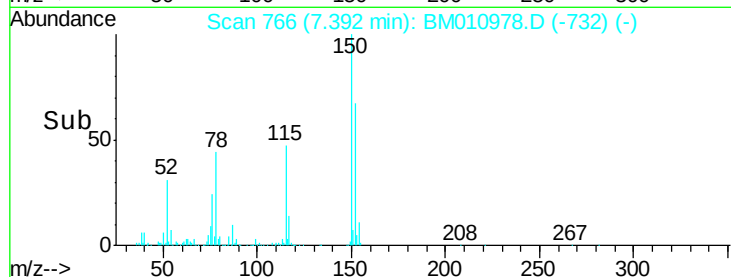
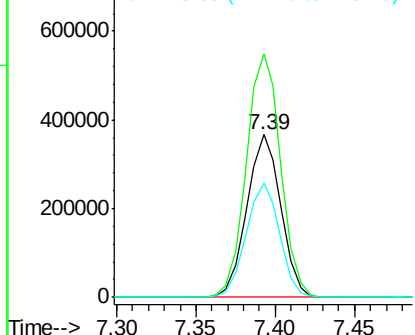
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 766
Delta R.T. -0.00 min
Lab File: BM010978.D
Acq: 26 Jul 2017 19:38

Instrument :
BNA_M
ClientSampleId :
PB100831BL

Tgt Ion:152 Resp: 546169
Ion Ratio Lower Upper
152 100
150 149.7 119.5 179.3
115 70.1 43.0 64.4#



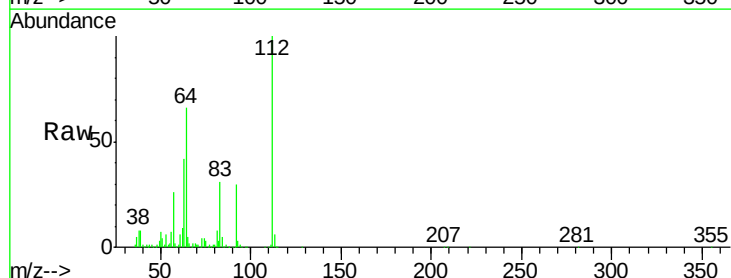
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



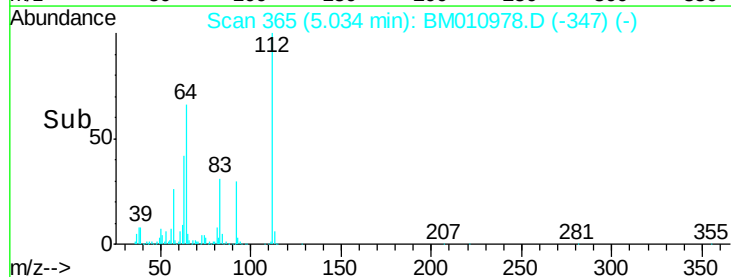
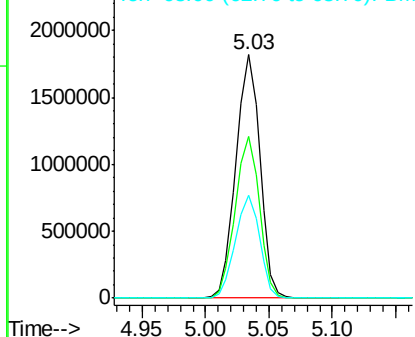
#5

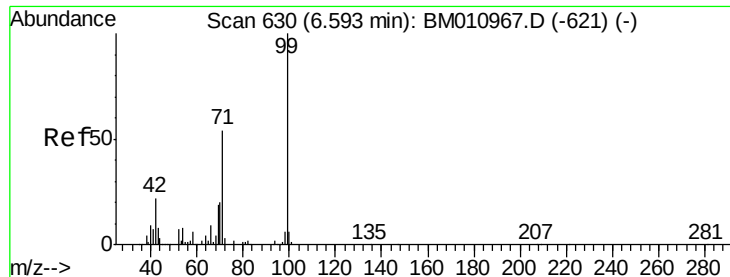
2-Fluorophenol
Concen: 73.986 ng
RT: 5.03 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM010978.D
Acq: 26 Jul 2017 19:38

Tgt Ion:112 Resp: 2390420
Ion Ratio Lower Upper
112 100
64 66.5 38.6 57.8#
63 42.2 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: 70.555 ng

RT: 6.60 min Scan# 631

Delta R.T. 0.01 min

Lab File: BM010978.D

Acq: 26 Jul 2017 19:38

Instrument :

BNA_M

ClientSampleId :

PB100831BL

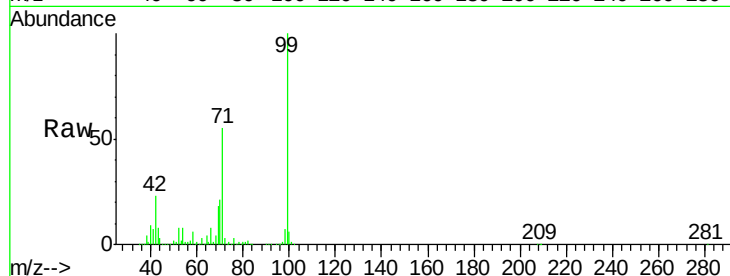
Tgt Ion: 99 Resp: 3238880

Ion Ratio Lower Upper

99 100

42 22.7 11.0 16.4#

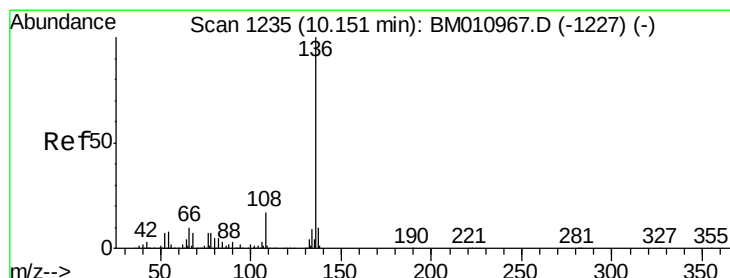
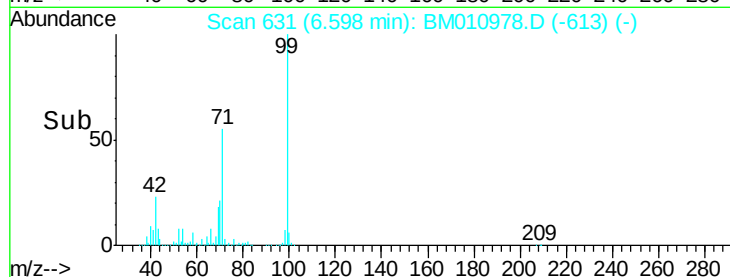
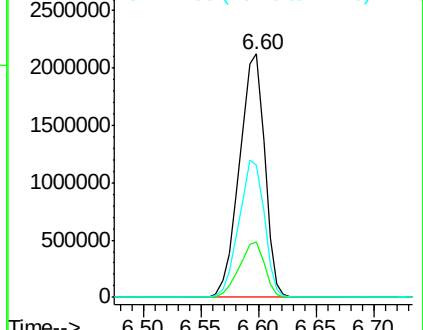
71 54.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BM010978.D

Acq: 26 Jul 2017 19:38

Tgt Ion: 136 Resp: 2121043

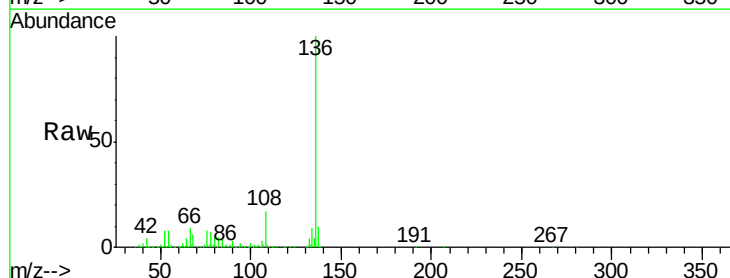
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 8.1 4.6 6.8#

68 5.8 3.7 5.5#

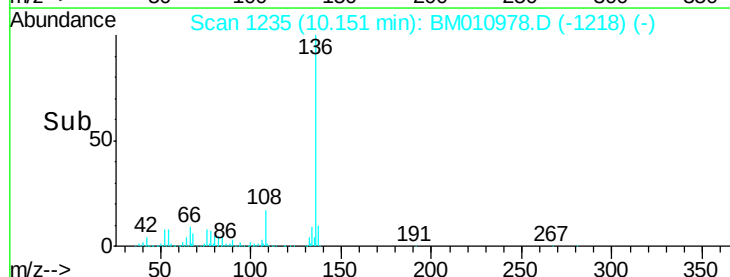
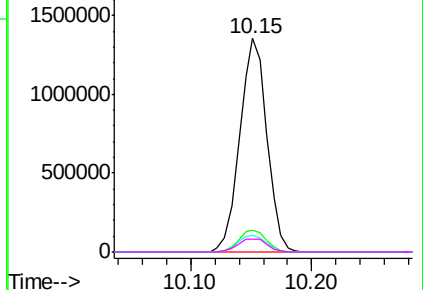


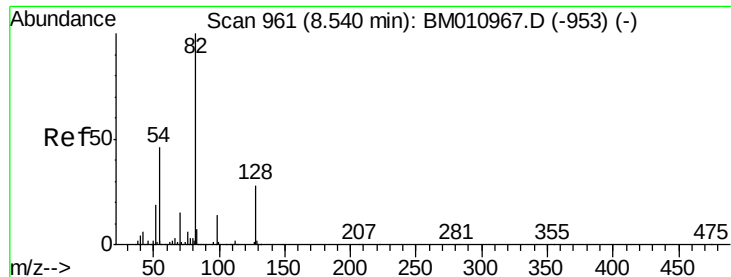
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)

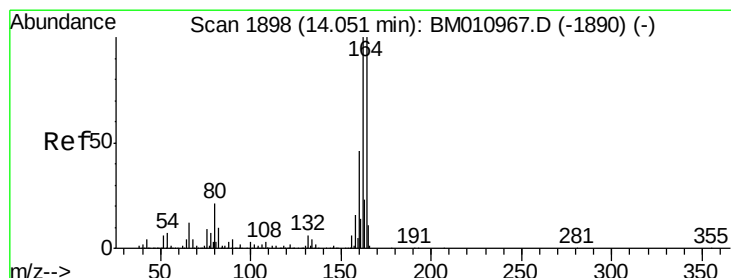
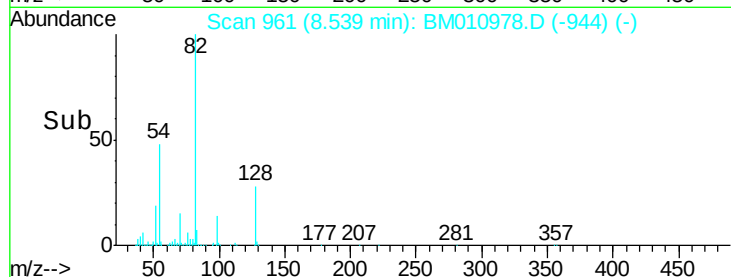
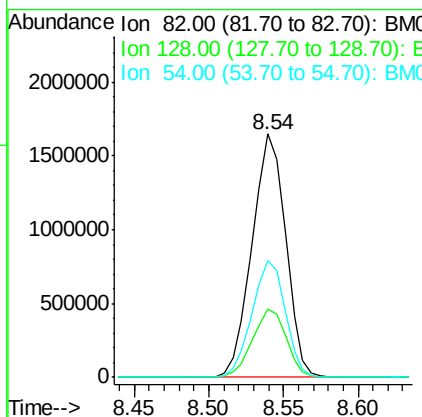
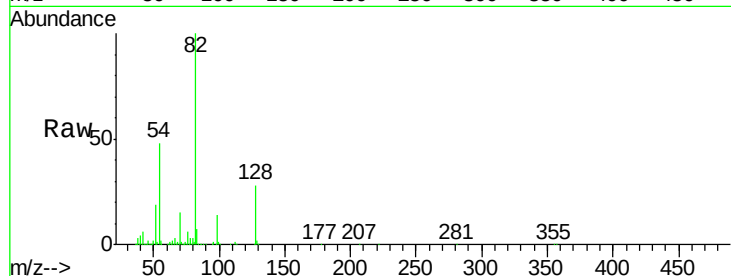




#23
 Nitrobenzene-d5
 Concen: 45.397 ng
 RT: 8.54 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BM010978.D
 Acq: 26 Jul 2017 19:38

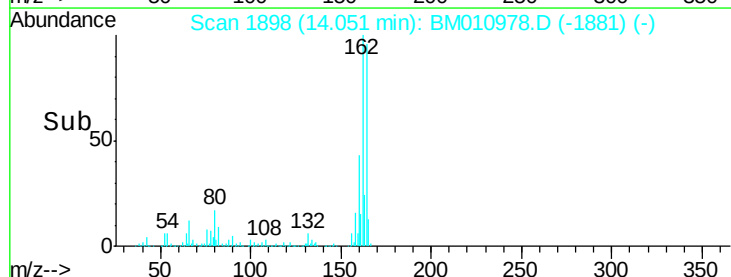
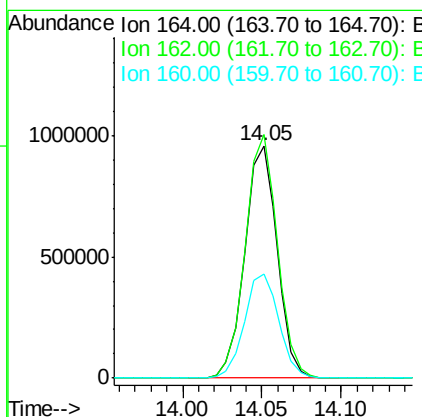
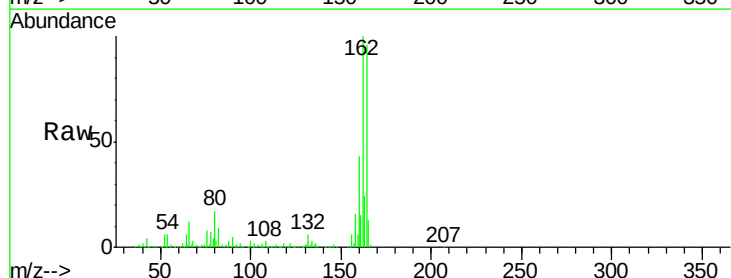
Instrument :
 BNA_M
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 PB100831BL

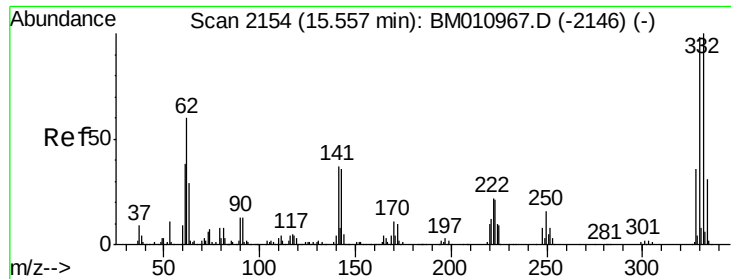
Tgt Ion: 82 Resp: 2565550
 Ion Ratio Lower Upper
 82 100
 128 27.9 32.8 49.2#
 54 48.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.05 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BM010978.D
 Acq: 26 Jul 2017 19:38

Tgt Ion: 164 Resp: 1353936
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.4 123.6
 160 44.6 35.8 53.6

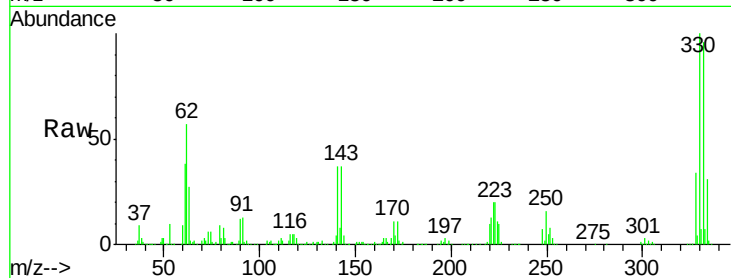




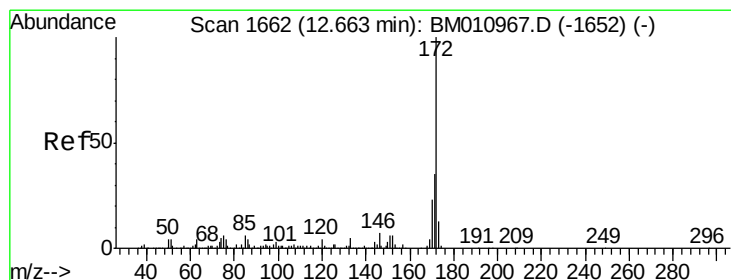
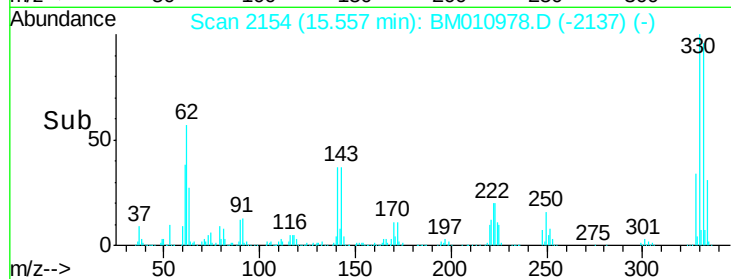
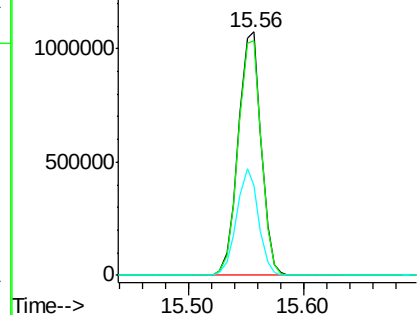
#41
 2,4,6-Tribromophenol
 Concen: 68.028 ng
 RT: 15.56 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BM010978.D
 Acq: 26 Jul 2017 19:38

Instrument :
 BNA_M
 ClientSampleID :
 PB100831BL

Tgt Ion:330 Resp: 1476253
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 41.9 0.0 0.0#

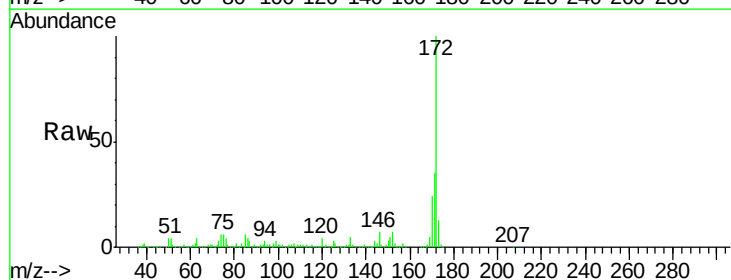


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

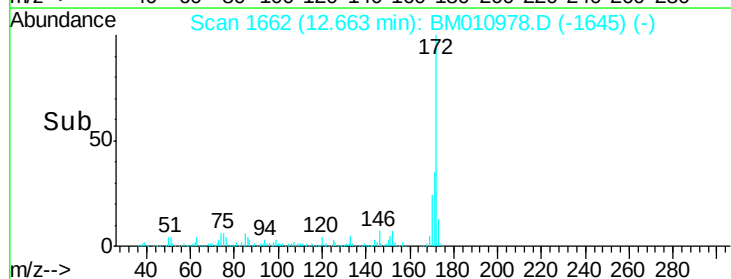
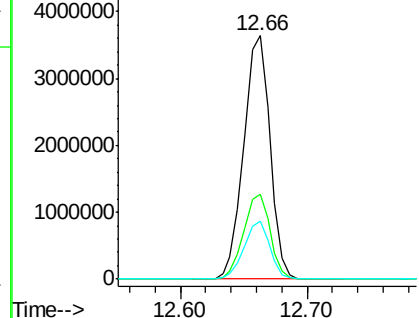


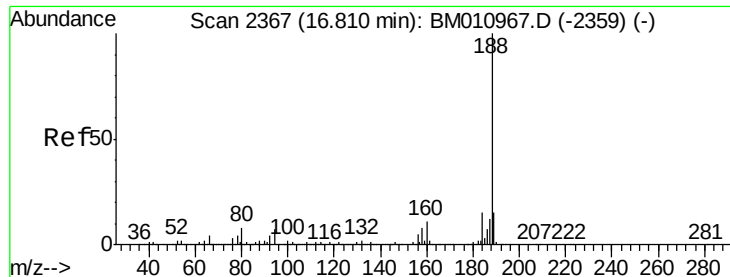
#44
 2-Fluorobiphenyl
 Concen: 48.510 ng
 RT: 12.66 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM010978.D
 Acq: 26 Jul 2017 19:38

Tgt Ion:172 Resp: 5237064
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.6 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

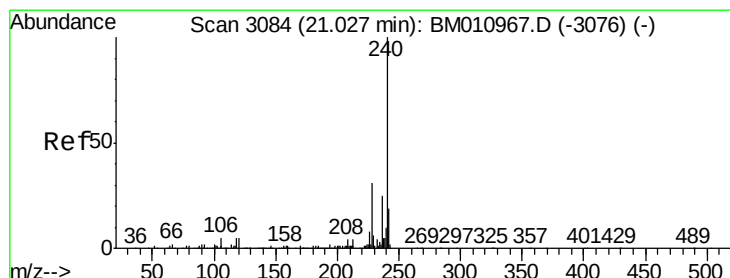
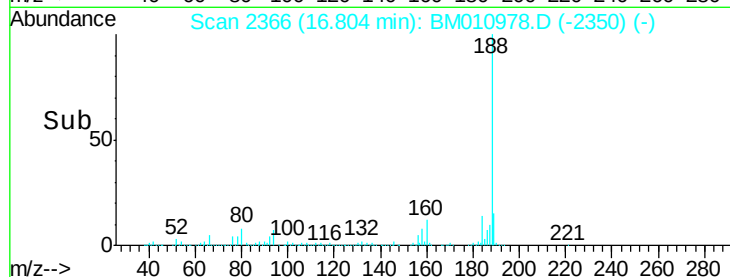
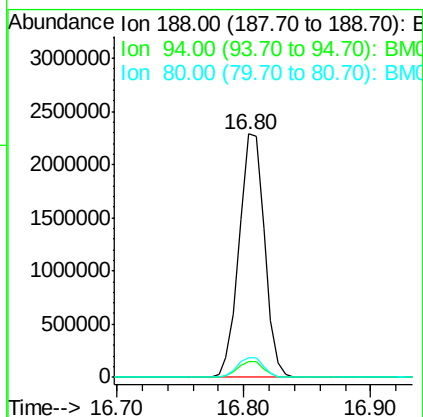
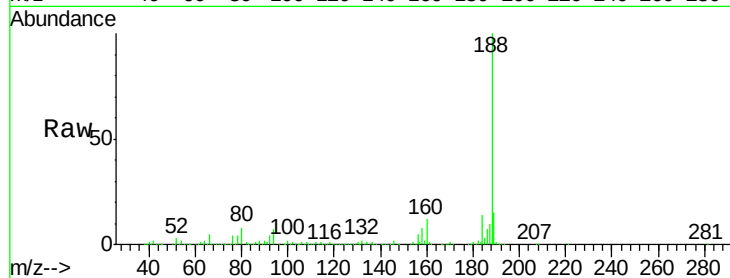




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM010978.D
Acq: 26 Jul 2017 19:38

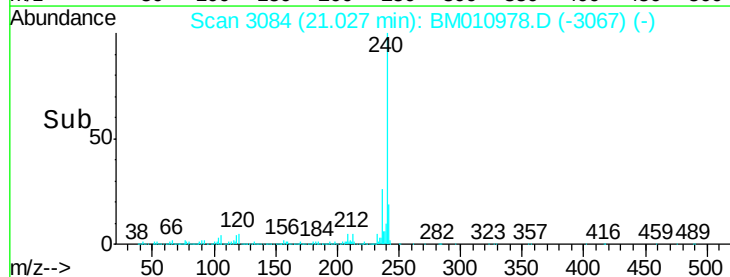
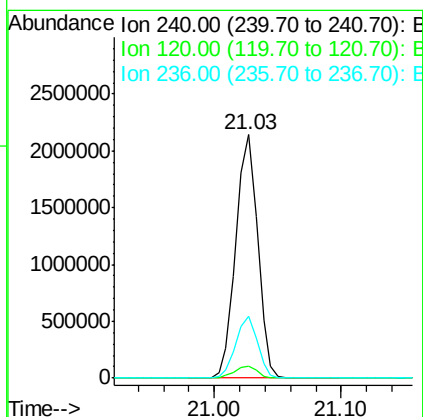
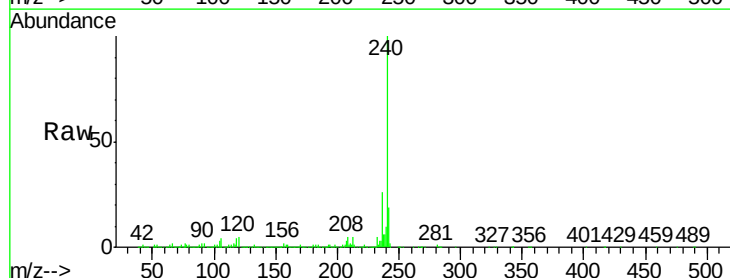
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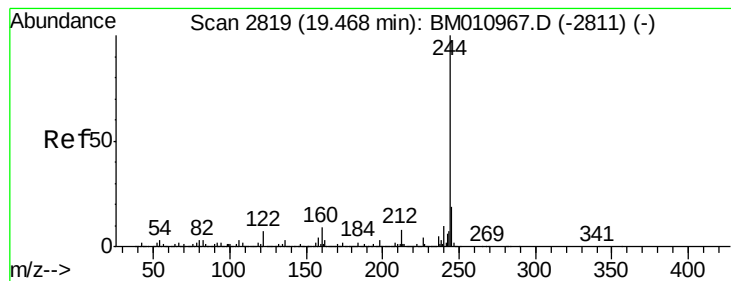
Tgt Ion:188 Resp: 3173207
Ion Ratio Lower Upper
188 100
94 6.6 8.7 13.1#
80 7.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3084
Delta R.T. -0.00 min
Lab File: BM010978.D
Acq: 26 Jul 2017 19:38

Tgt Ion:240 Resp: 2558951
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 25.6 20.0 30.0





#78

Terphenyl-d14

Concen: 48.675 ng

RT: 19.47 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BM010978.D

Acq: 26 Jul 2017 19:38

Instrument :

BNA_M

ClientSampleId :

PB100831BL

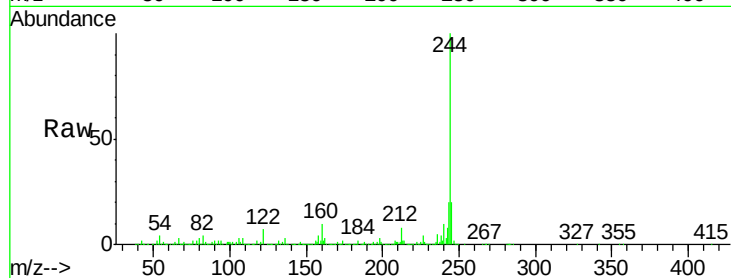
Tgt Ion:244 Resp: 6288021

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

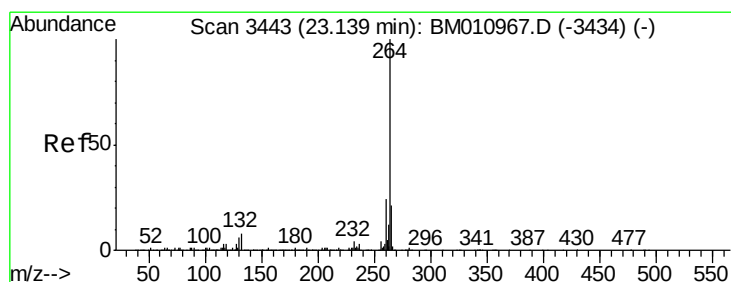
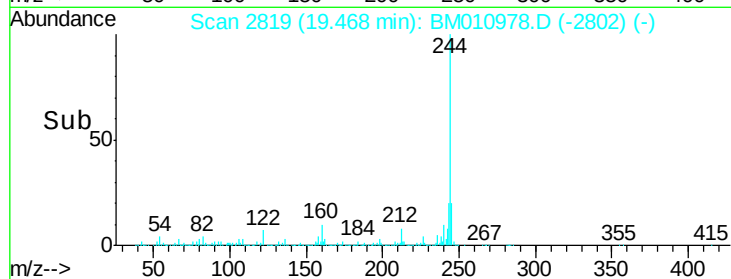
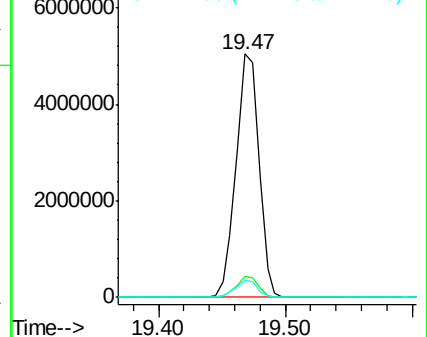
122 7.0 6.2 9.4



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: 23.14 min Scan# 3443

Delta R.T. -0.00 min

Lab File: BM010978.D

Acq: 26 Jul 2017 19:38

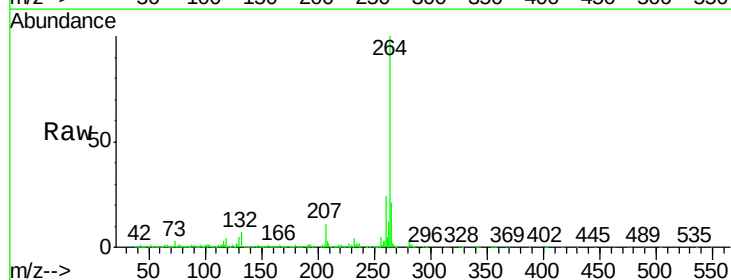
Tgt Ion:264 Resp: 1804186

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.1 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

