

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072617\
 Data File : BM010983.D
 Acq On : 26 Jul 2017 22:37
 Operator : SJ/JU
 Sample : PB100891BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BL

Quant Time: Jul 27 08:48:58 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

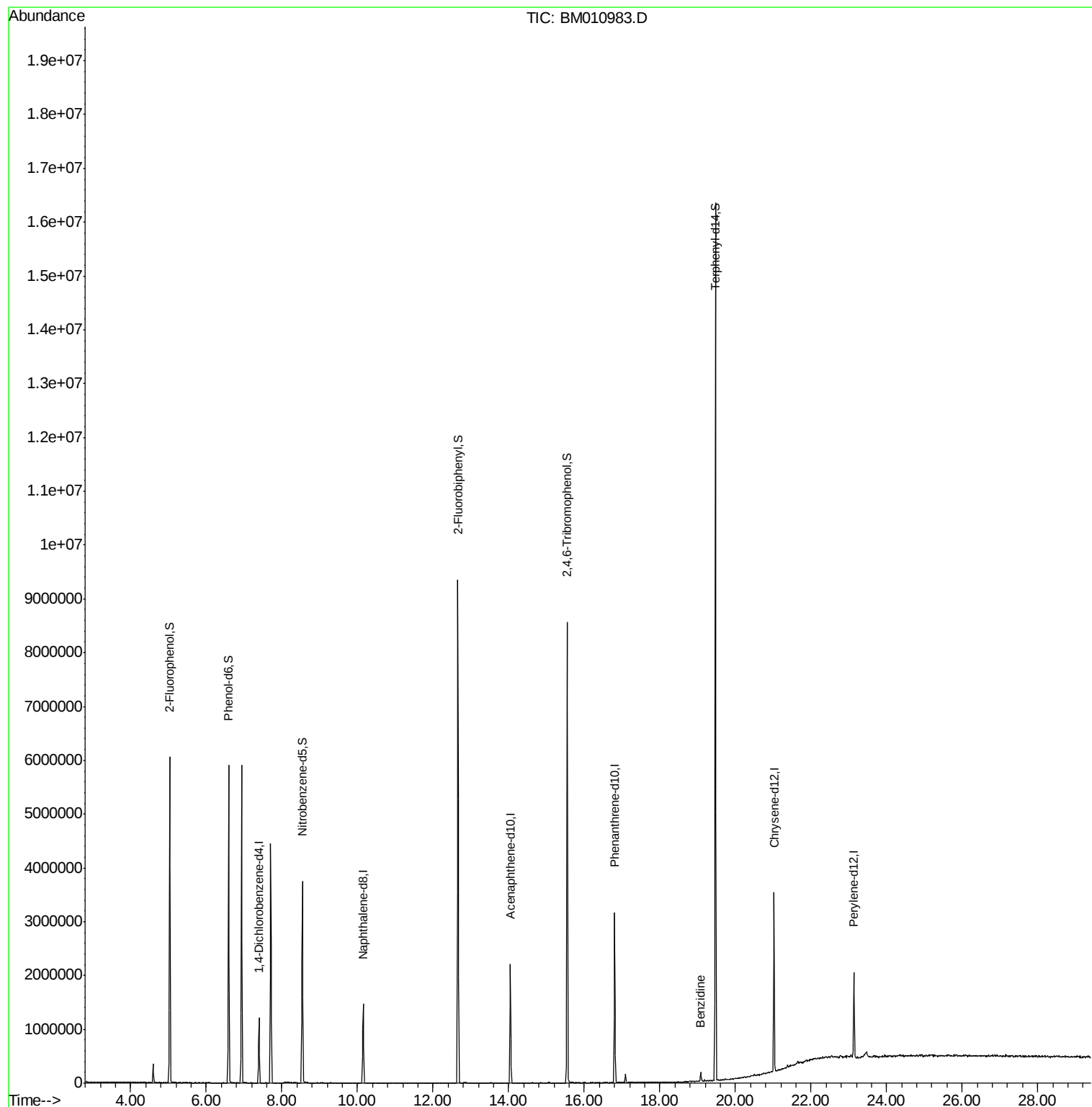
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	257965	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	968723	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	641831	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1619109	20.00	ng	0.00
75) Chrysene-d12	21.02	240	1594117	20.00	ng	0.00
86) Perylene-d12	23.13	264	1086259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1882860	123.38	ng	0.00
7) Phenol-d6	6.59	99	2563186	118.22	ng	0.00
23) Nitrobenzene-d5	8.54	82	2040958	79.07	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1199128	116.57	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	4182612	81.73	ng	0.00
78) Terphenyl-d14	19.47	244	6164218	76.60	ng	0.00
Target Compounds						
76) Benzidine	19.09	184	103429	2.712	ng	Qvalue 97

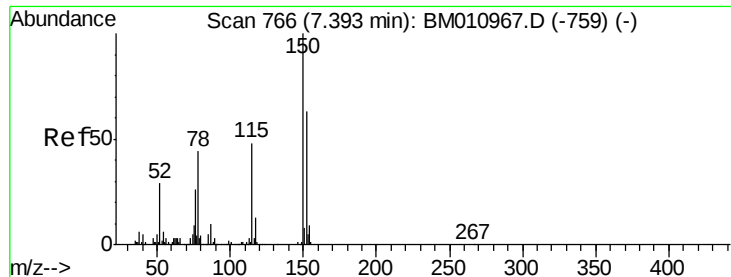
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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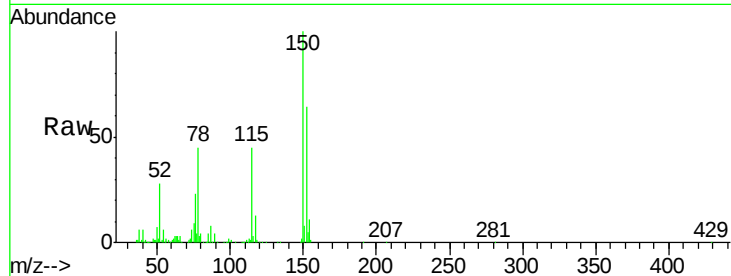


#1

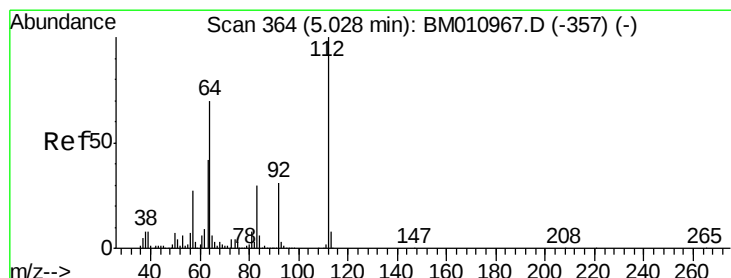
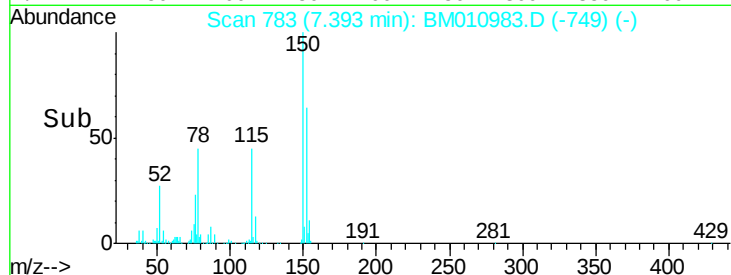
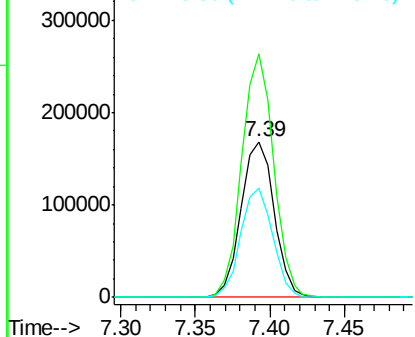
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 783
Delta R.T. 0.00 min
Lab File: BM010983.D
Acq: 26 Jul 2017 22:37

Instrument :
BNA_M
ClientSampleId :
PB100891BL

Tgt Ion:152 Resp: 257965
Ion Ratio Lower Upper
152 100
150 156.7 119.5 179.3
115 70.4 43.0 64.4#



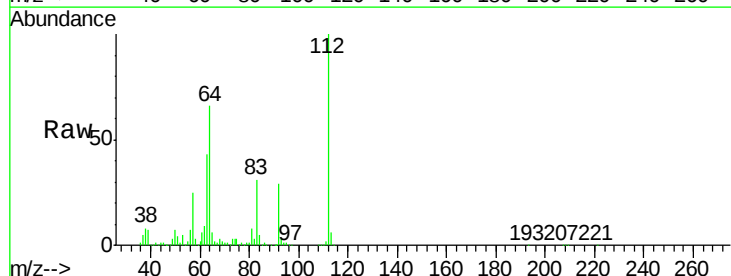
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



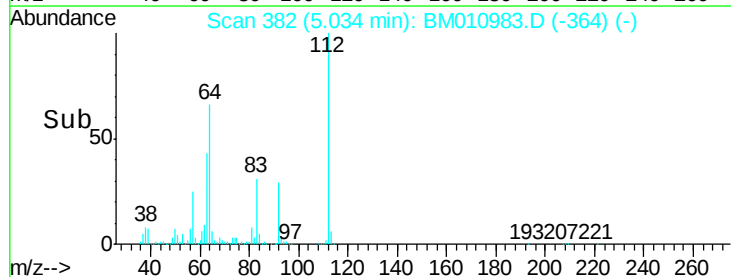
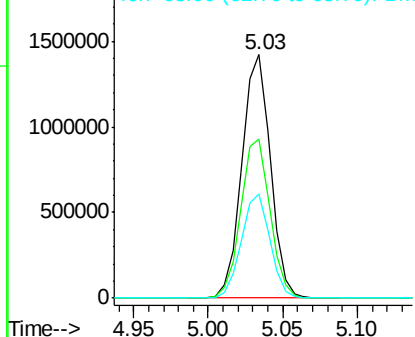
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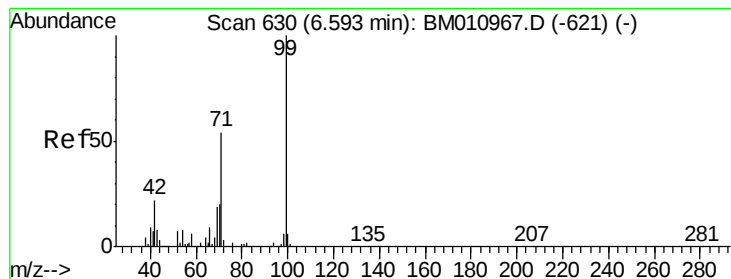
2-Fluorophenol
Concen: 123.383 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM010983.D
Acq: 26 Jul 2017 22:37

Tgt Ion:112 Resp: 1882860
Ion Ratio Lower Upper
112 100
64 65.6 38.6 57.8#
63 42.7 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: 118.217 ng

RT: 6.59 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM010983.D

Acq: 26 Jul 2017 22:37

Instrument :

BNA_M

ClientSampleId :

PB100891BL

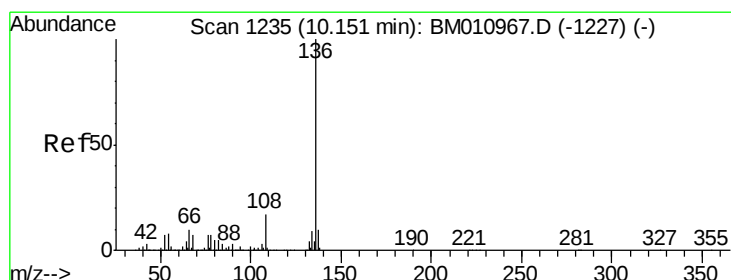
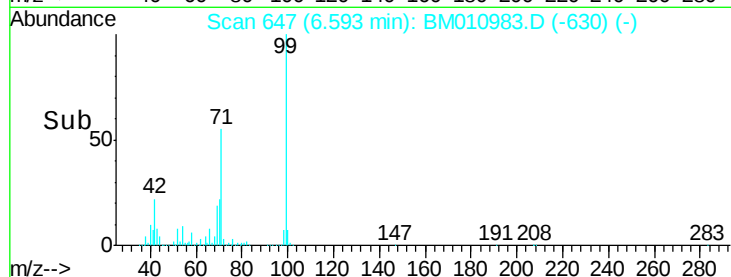
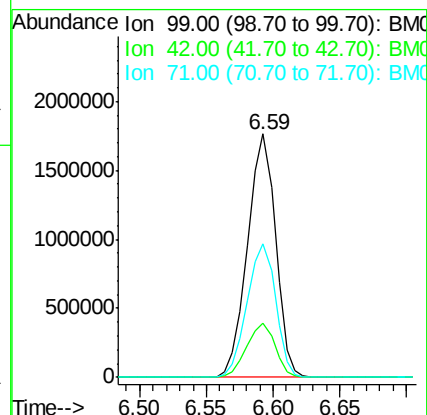
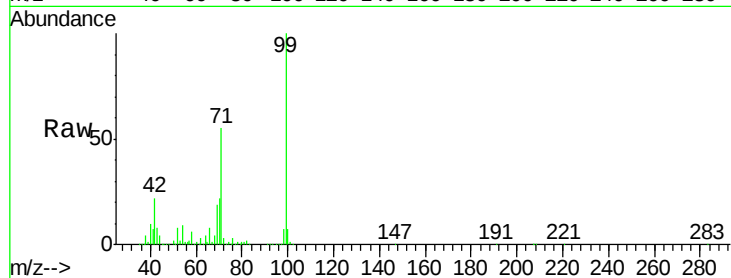
Tgt Ion: 99 Resp: 2563186

Ion Ratio Lower Upper

99 100

42 22.2 11.0 16.4#

71 55.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM010983.D

Acq: 26 Jul 2017 22:37

Tgt Ion: 136 Resp: 968723

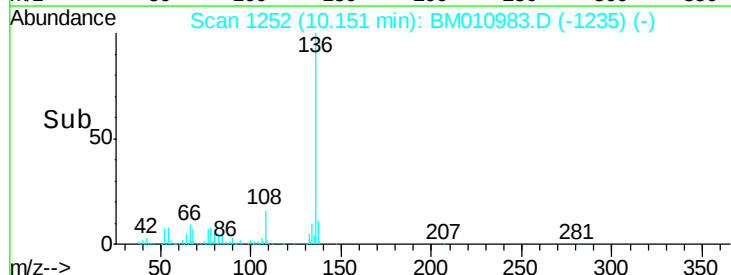
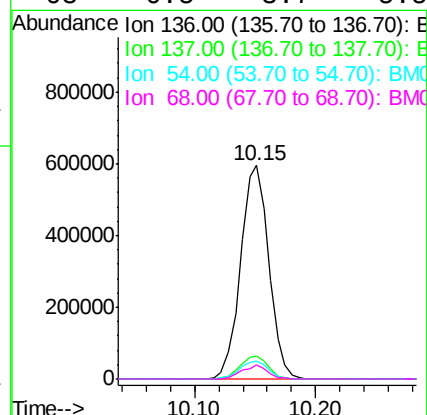
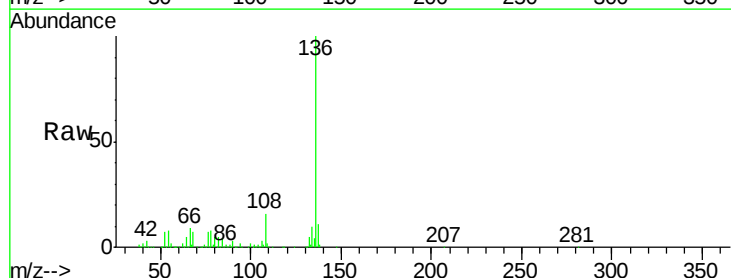
Ion Ratio Lower Upper

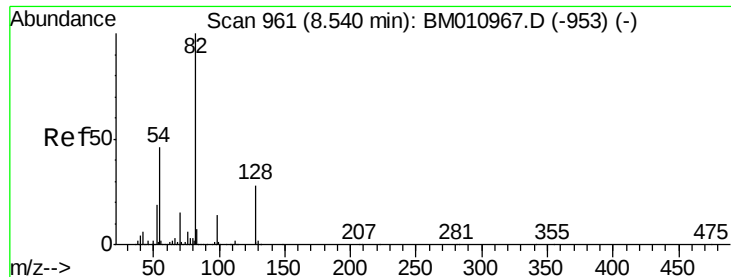
136 100

137 11.1 8.7 13.1

54 8.3 4.6 6.8#

68 6.5 3.7 5.5#

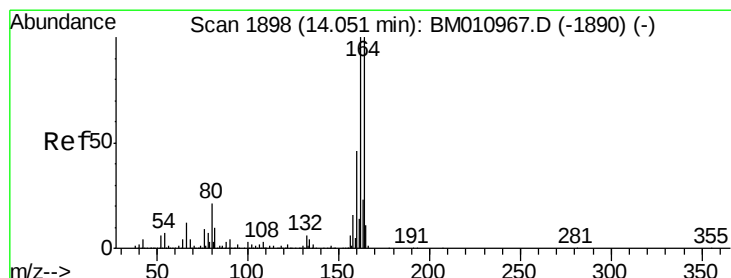
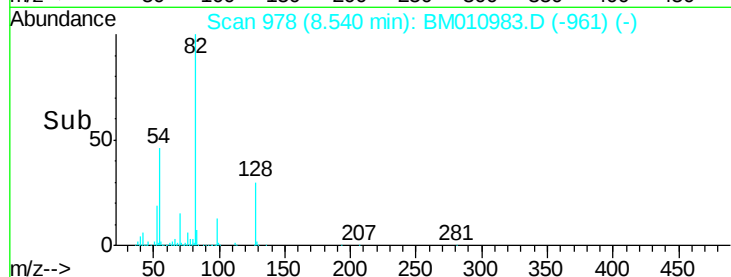
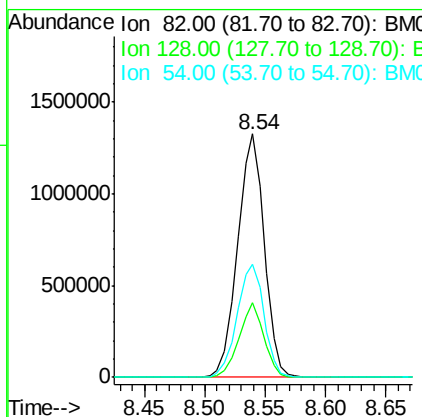
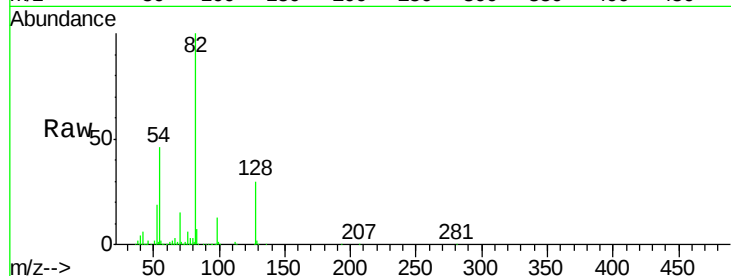




#23
 Nitrobenzene-d5
 Concen: 79.074 ng
 RT: 8.54 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BM010983.D
 Acq: 26 Jul 2017 22:37

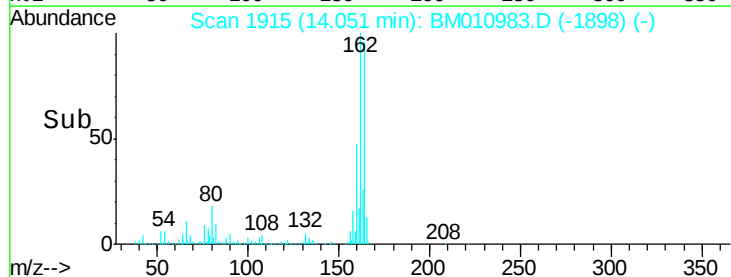
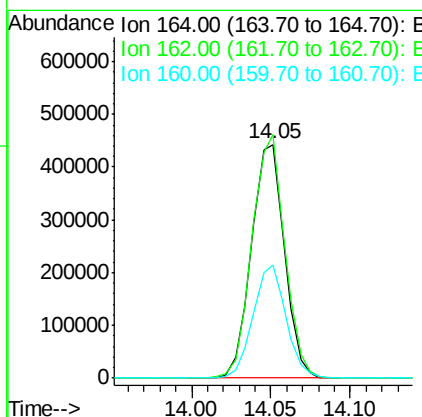
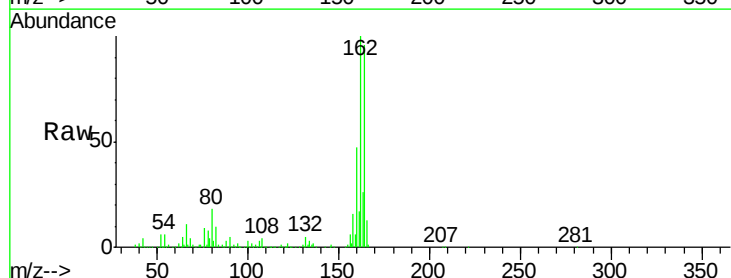
Instrument :
 BNA_M
 ClientSampleId :
 PB100891BL

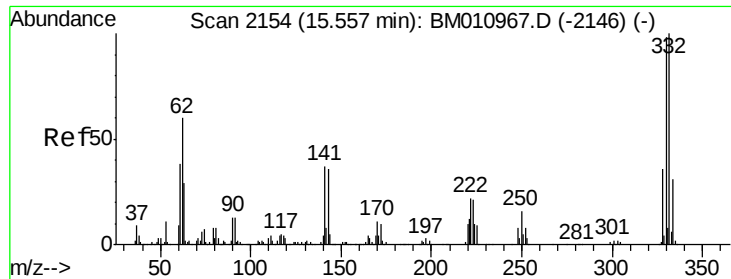
Tgt Ion: 82 Resp: 2040958
 Ion Ratio Lower Upper
 82 100
 128 30.4 32.8 49.2#
 54 46.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.05 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BM010983.D
 Acq: 26 Jul 2017 22:37

Tgt Ion: 164 Resp: 641831
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.4 123.6
 160 48.6 35.8 53.6

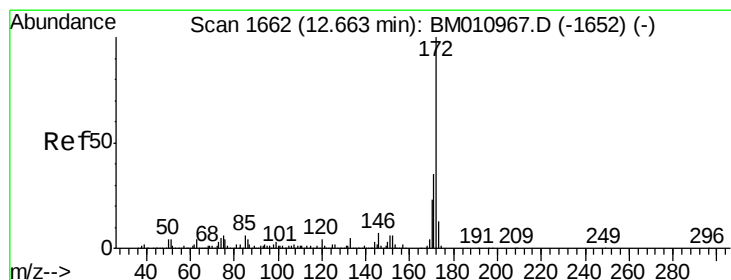
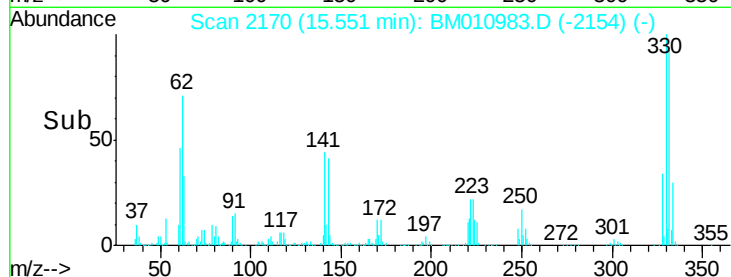
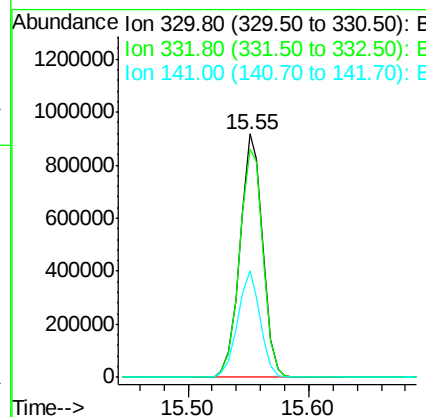
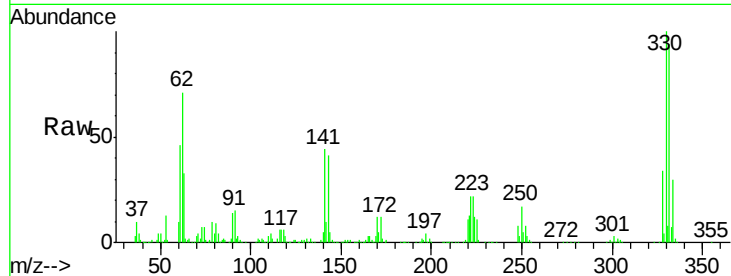




#41
 2,4,6-Tribromophenol
 Concen: 116.565 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM010983.D
 Acq: 26 Jul 2017 22:37

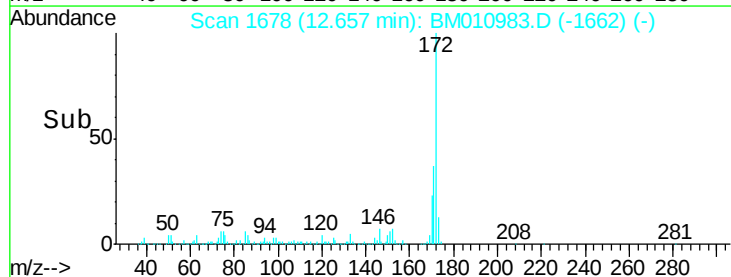
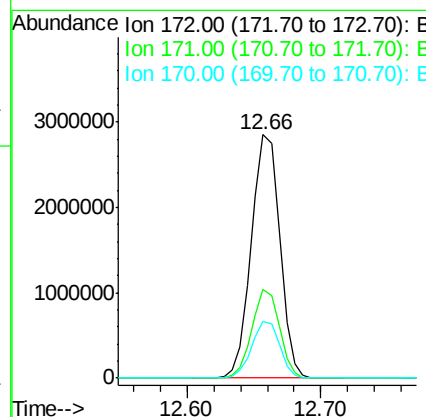
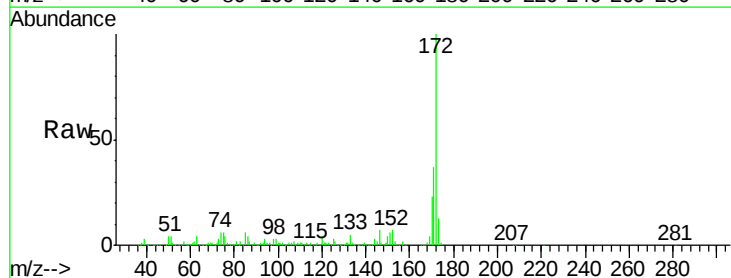
Instrument :
 BNA_M
 ClientSampleId :
 PB100891BL

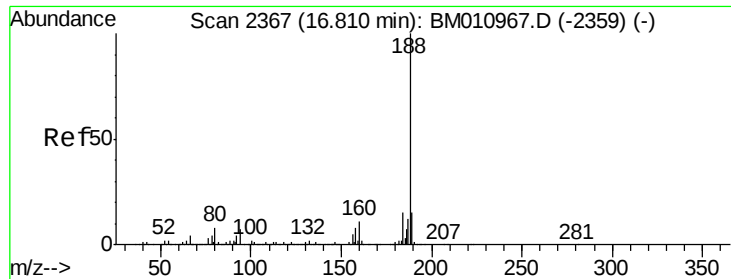
Tgt Ion:330 Resp: 1199128
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 43.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 81.728 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM010983.D
 Acq: 26 Jul 2017 22:37

Tgt Ion:172 Resp: 4182612
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.5 42.7
 170 23.1 18.8 28.2

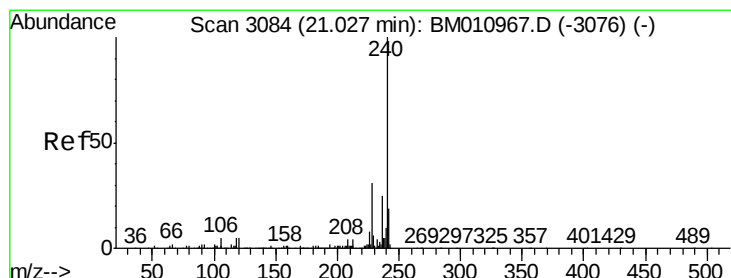
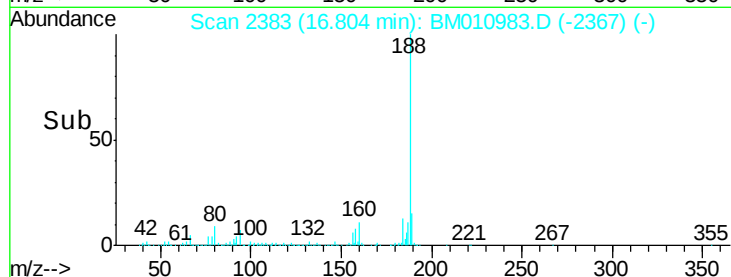
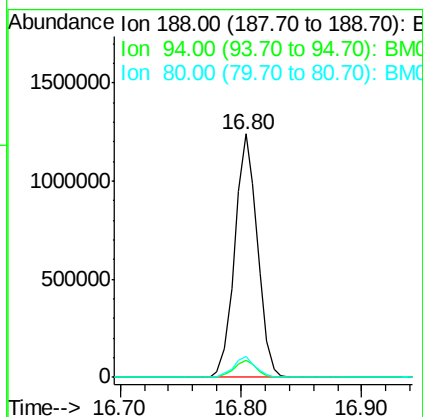
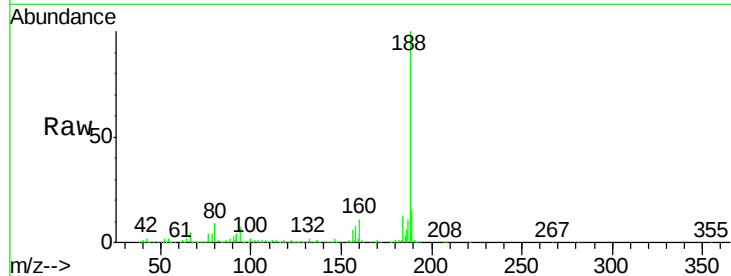




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM010983.D
Acq: 26 Jul 2017 22:37

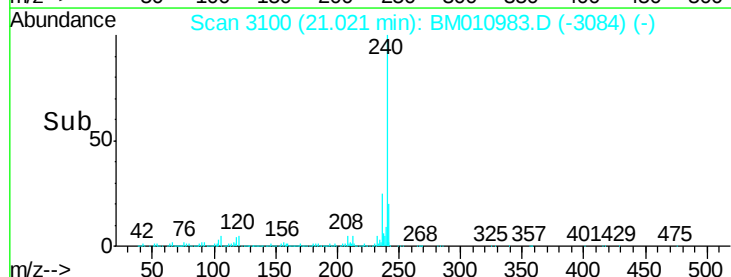
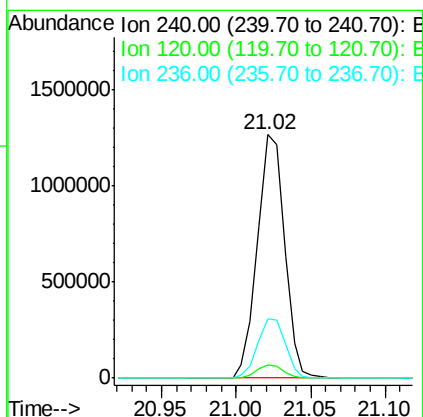
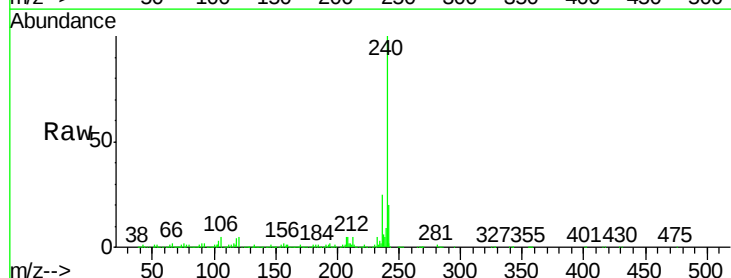
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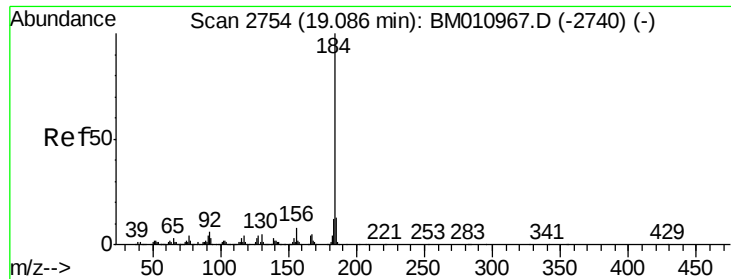
Tgt Ion:188 Resp: 1619109
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 8.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM010983.D
Acq: 26 Jul 2017 22:37

Tgt Ion:240 Resp: 1594117
Ion Ratio Lower Upper
240 100
120 5.4 8.2 12.2#
236 24.5 20.0 30.0





#76

Benzidine

Concen: 2.712 ng

RT: 19.09 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BM010983.D

Acq: 26 Jul 2017 22:37

Instrument :

BNA_M

ClientSampleId :

PB100891BL

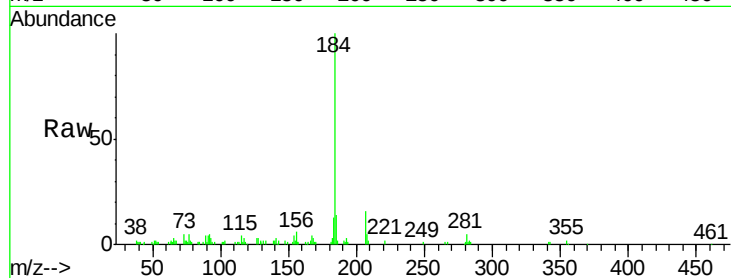
Tgt Ion:184 Resp: 103429

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

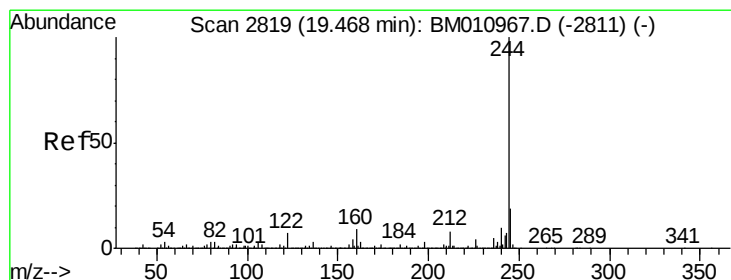
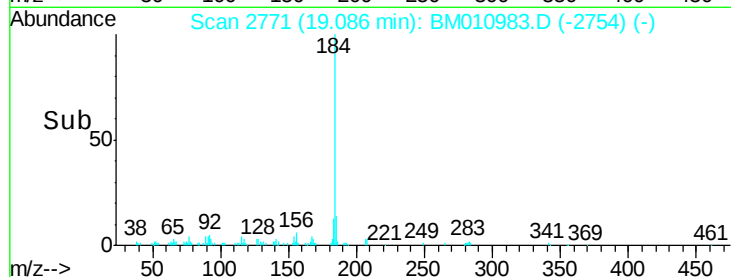
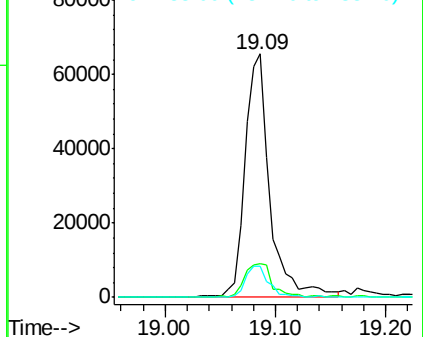
183 13.0 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 76.597 ng

RT: 19.47 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BM010983.D

Acq: 26 Jul 2017 22:37

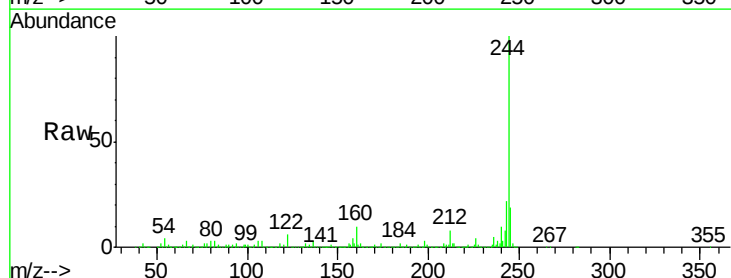
Tgt Ion:244 Resp: 6164218

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

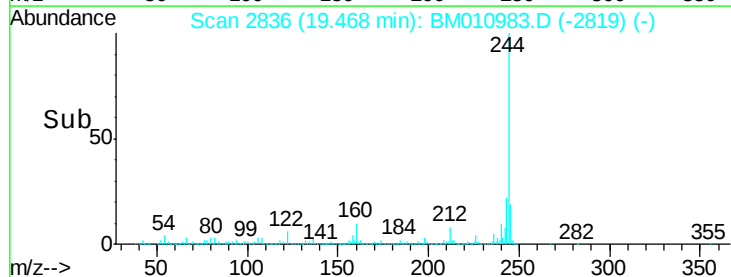
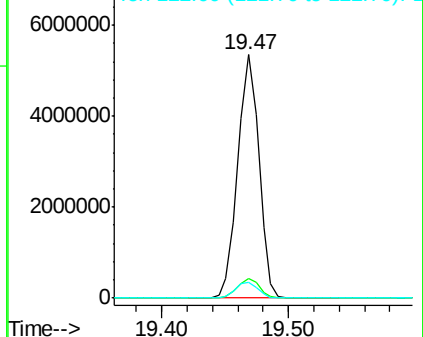
122 6.5 6.2 9.4

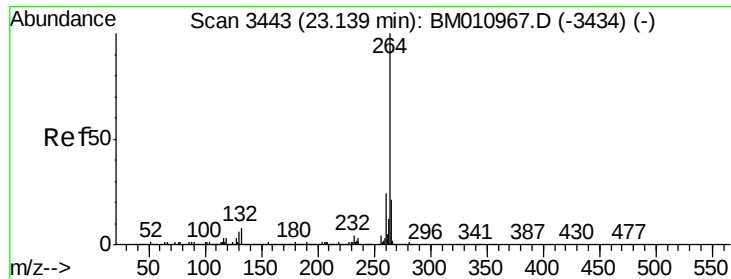


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM010983.D

Acq: 26 Jul 2017 22:37

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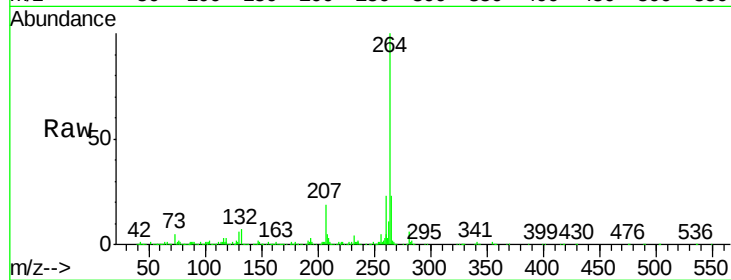
Tgt Ion:264 Resp: 1086259

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 23.1 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

