

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011164.D
 Acq On : 07 Aug 2017 22:19
 Operator : SJ/JU
 Sample : I4610-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-02-080317-E

Quant Time: Aug 08 01:03:48 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

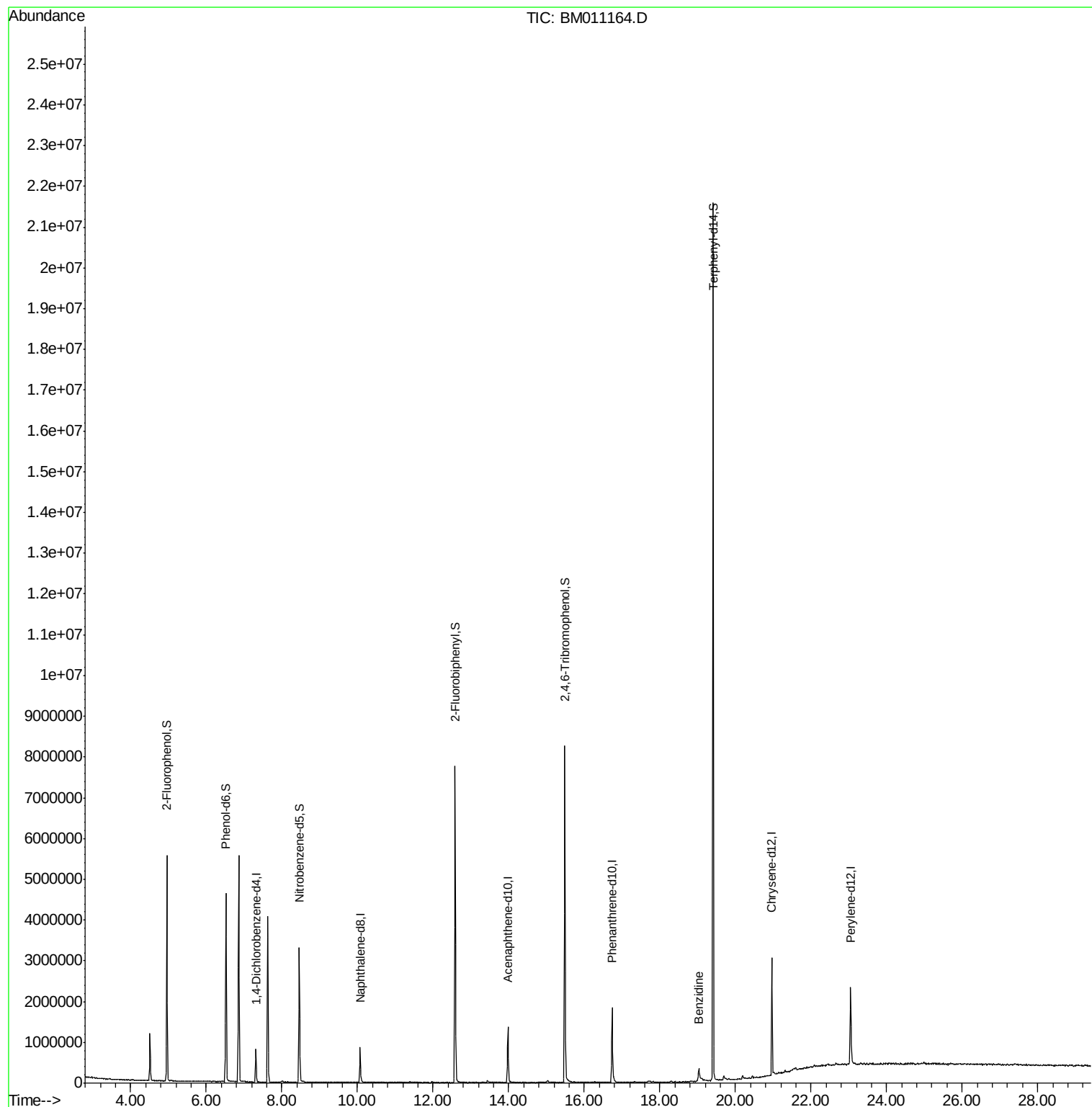
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	147597	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	517637	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	393177	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1025114	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1450410	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1431507	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1423089	162.99	ng	-0.07
7) Phenol-d6	6.52	99	1814575	146.27	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1796653	130.27	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1090500	173.05	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	3244687	103.50	ng	-0.08
78) Terphenyl-d14	19.41	244	7383026	100.83	ng	-0.06
Target Compounds						
76) Benzidine	19.03	184	274957	7.92	ng	Qvalue 97

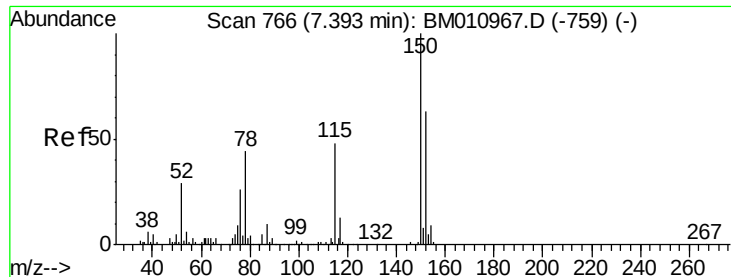
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.31 min Scan# 769

Delta R.T. -0.08 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

Instrument :

BNA_M

ClientSampleId :

PL-02-080317-E

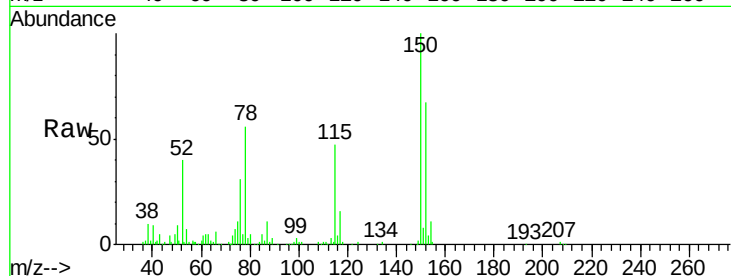
Tot Ion:152 Resp: 147597

Ion Ratio Lower Upper

152 100

150 149.4 119.5 179.3

115 70.0 43.0 64.4#

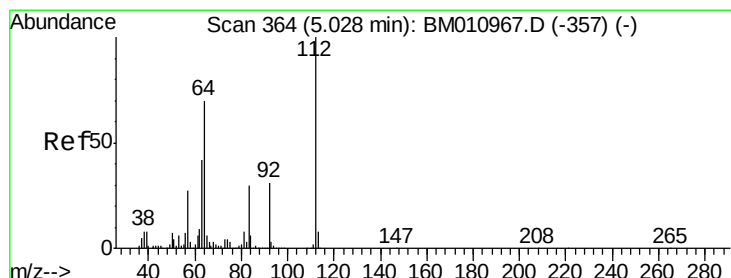
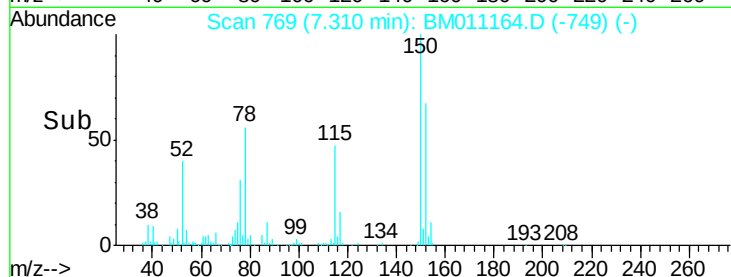
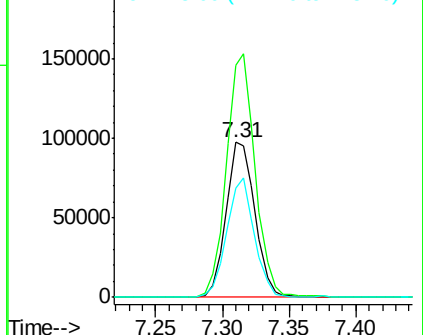


Abundance

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: 162.99 ng

RT: 4.96 min Scan# 369

Delta R.T. -0.07 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

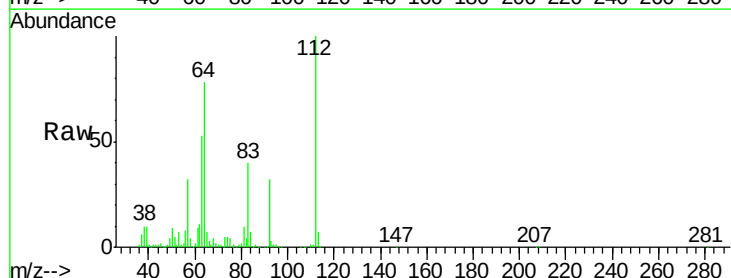
Tgt Ion:112 Resp: 1423089

Ion Ratio Lower Upper

112 100

64 78.4 38.6 57.8#

63 53.2 19.3 28.9#

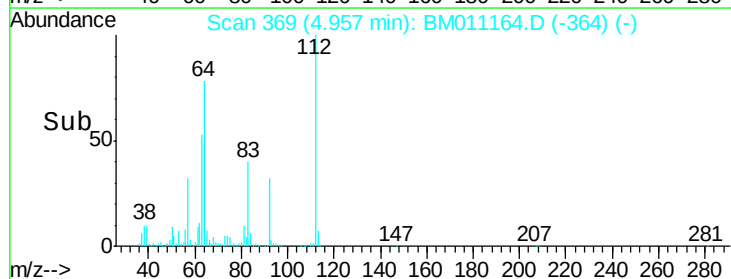
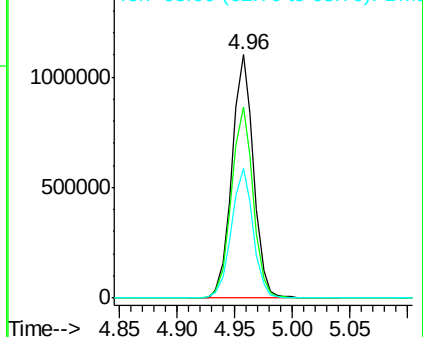


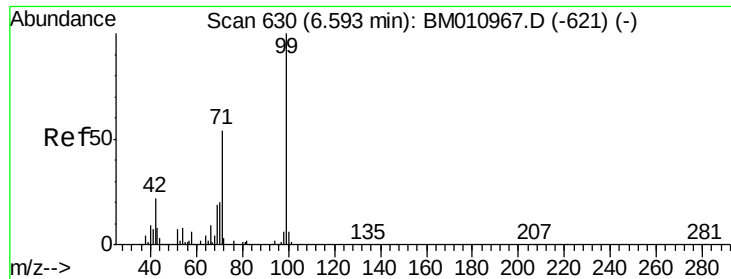
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): E

Ion 63.00 (62.70 to 63.70): E





#7

Phenol-d6

Concen: 146.27 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

Instrument :

BNA_M

ClientSampleId :

PL-02-080317-E

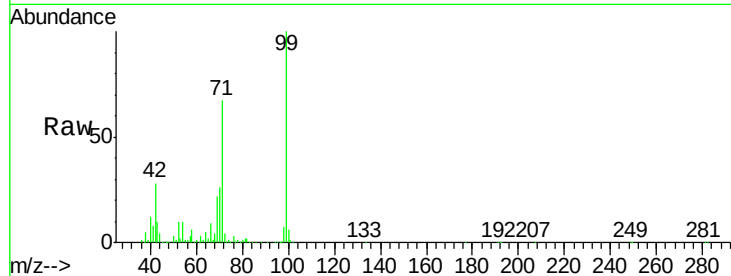
Tot Ion: 99 Resp: 1814575

Ion Ratio Lower Upper

99 100

42 28.0 11.0 16.4#

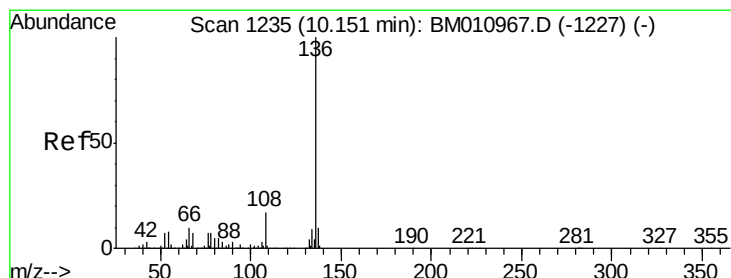
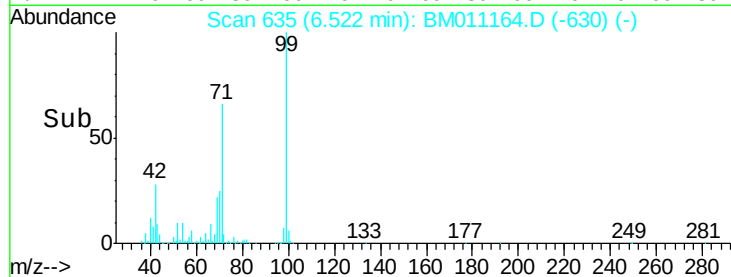
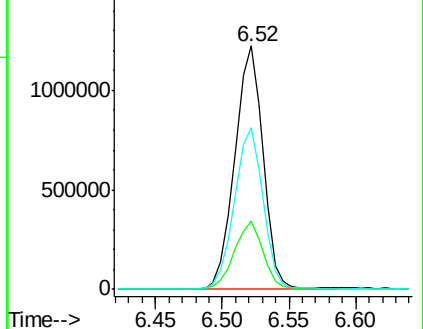
71 66.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011164.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011164.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011164.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

Tgt Ion: 136 Resp: 517637

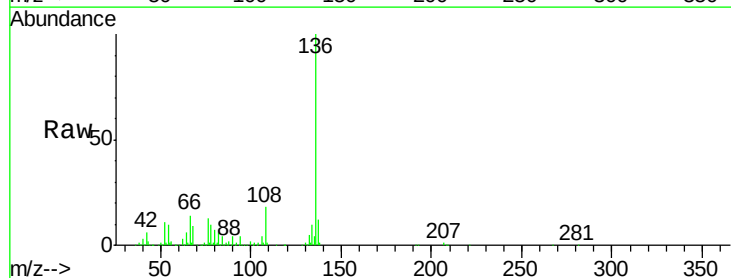
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 9.9 4.6 6.8#

68 8.7 3.7 5.5#

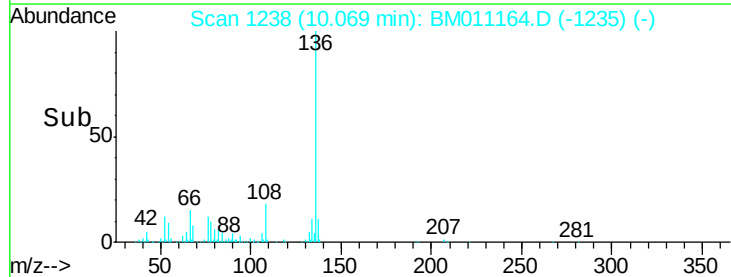
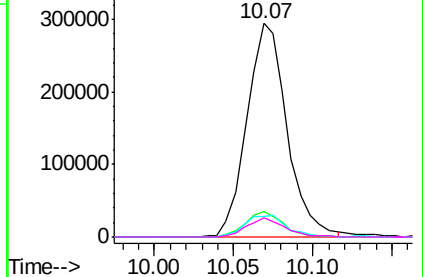


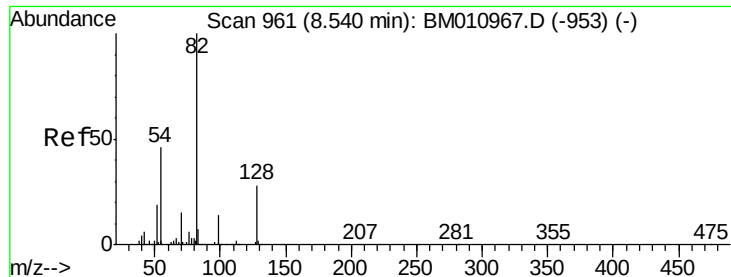
Abundance Ion 136.00 (135.70 to 136.70): BM011164.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011164.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011164.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011164.D (-1235) (-)

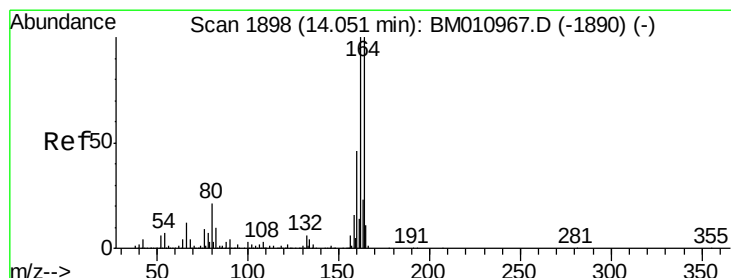
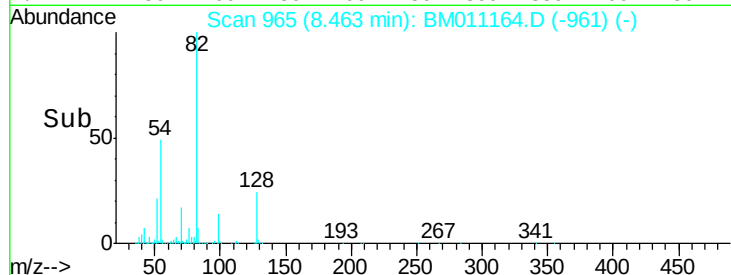
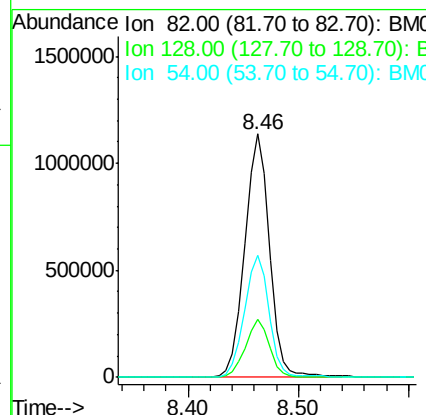
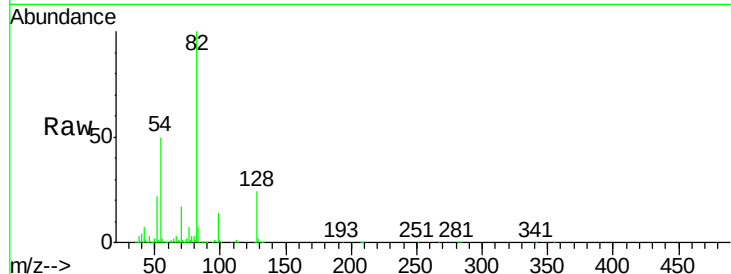




#23
 Nitrobenzene-d5
 Concen: 130.27 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011164.D
 Acq: 07 Aug 2017 22:19

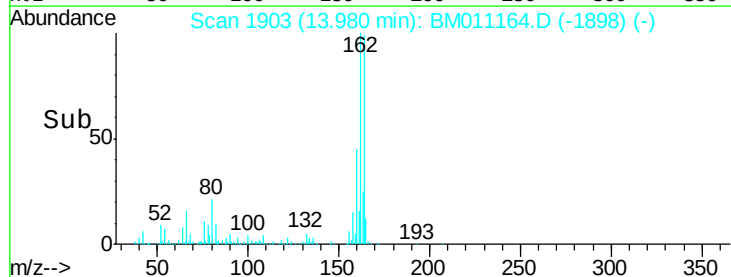
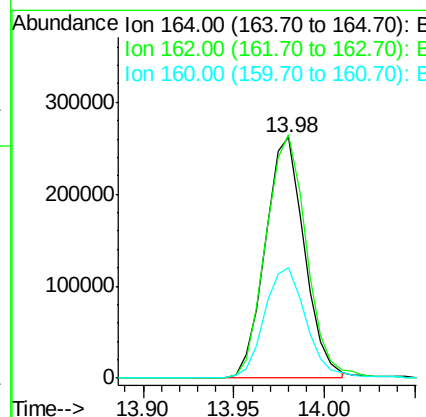
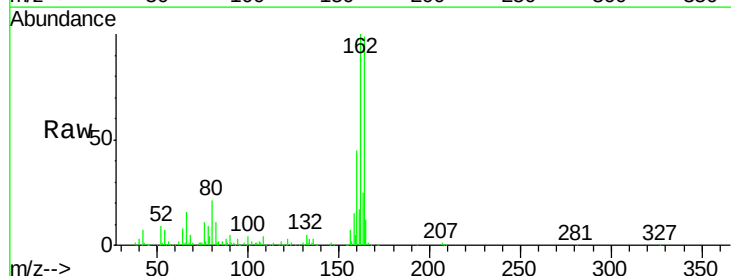
Instrument :
 BNA_M
 ClientSampleId :
 PL-02-080317-E

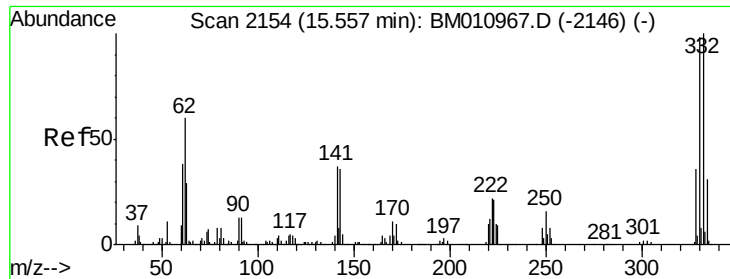
Tot Ion	82	Resp	1796653
Ion	Ratio	Lower	Upper
82	100		
128	23.8	32.8	49.2#
54	50.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011164.D
 Acq: 07 Aug 2017 22:19

Tgt Ion	164	Resp	393177
Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.4	123.6
160	45.7	35.8	53.6

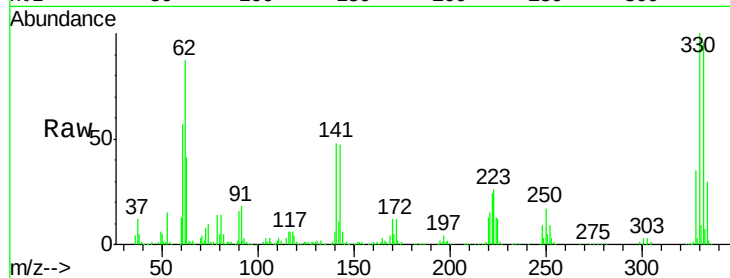




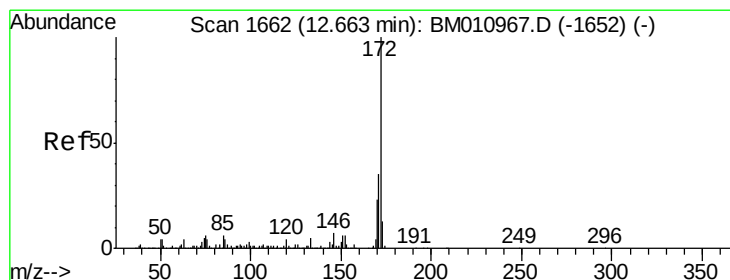
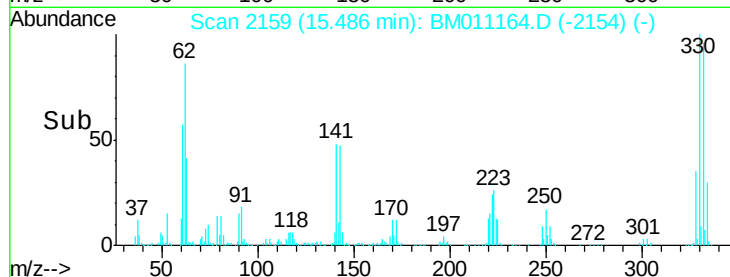
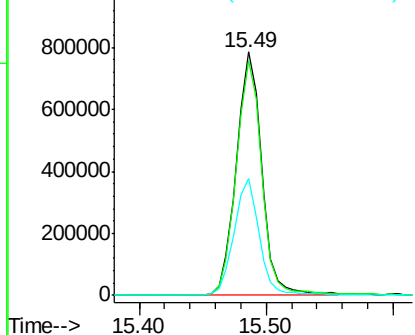
#41
 2,4,6-Tribromophenol
 Concen: 173.05 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011164.D
 Acq: 07 Aug 2017 22:19

Instrument :
 BNA_M
 ClientSampleId :
 PL-02-080317-E

Tot Ion:330 Resp: 1090500
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 47.3 0.0 0.0#

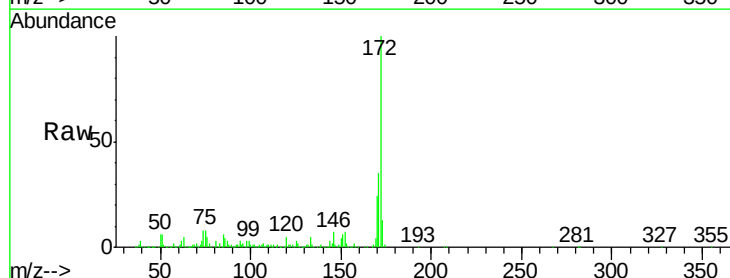


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

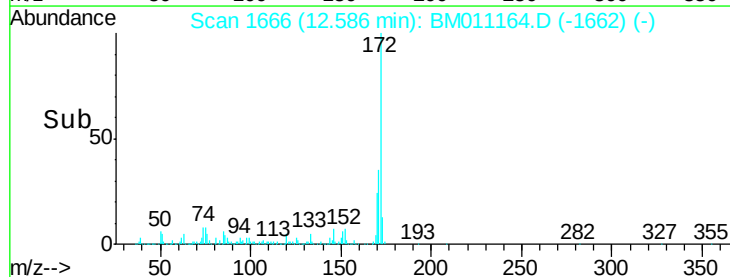
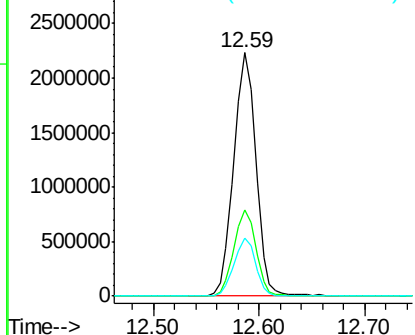


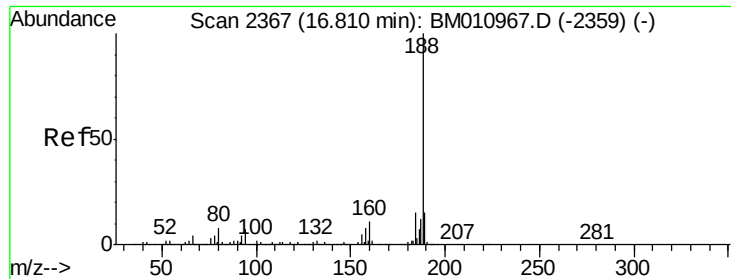
#44
 2-Fluorobiphenyl
 Concen: 103.50 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011164.D
 Acq: 07 Aug 2017 22:19

Tgt Ion:172 Resp: 3244687
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

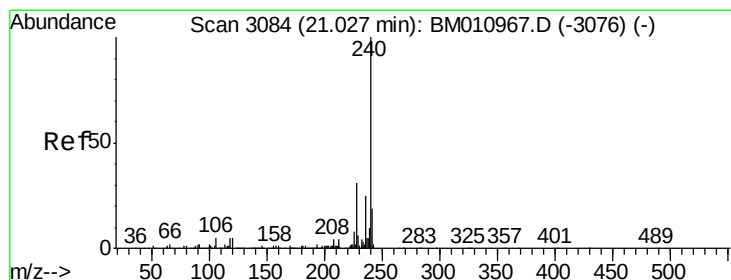
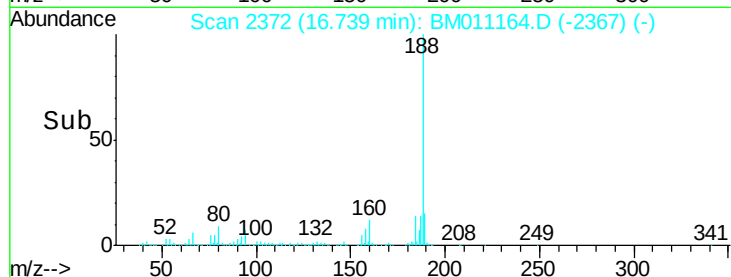
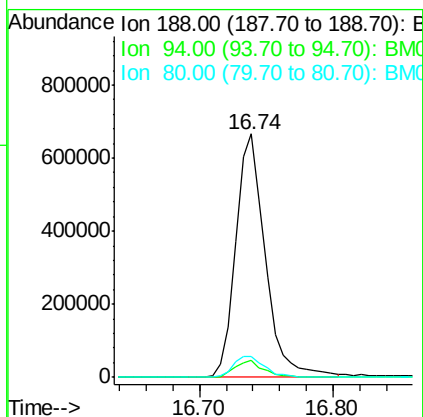
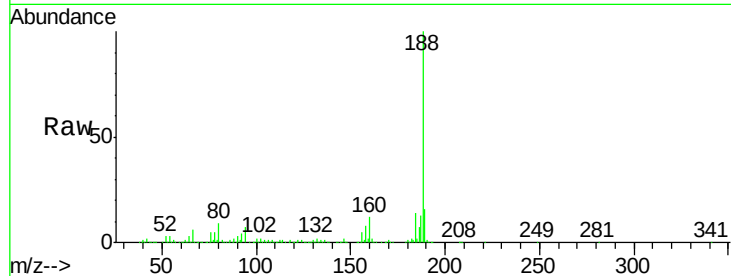




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011164.D
Acq: 07 Aug 2017 22:19

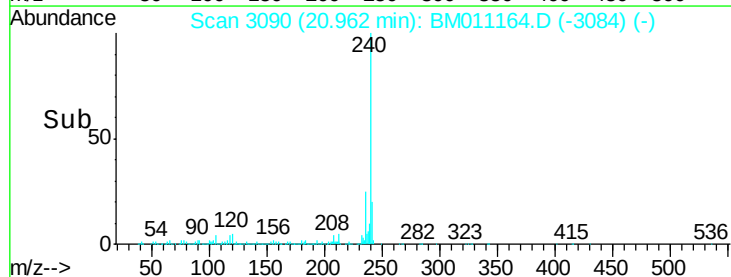
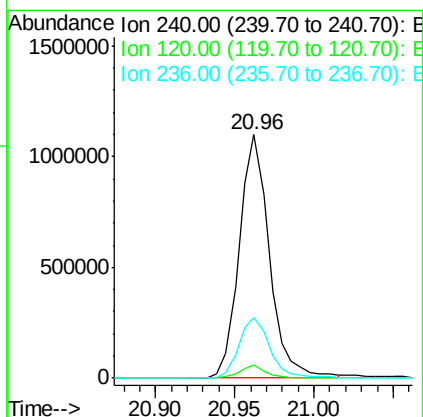
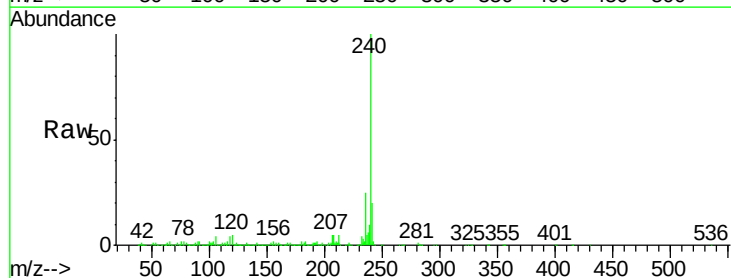
Instrument :
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ClientSampleId :
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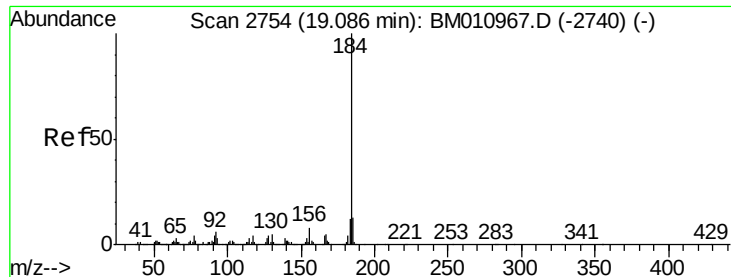
Tot Ion:188 Resp: 1025114
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 8.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011164.D
Acq: 07 Aug 2017 22:19

Tgt Ion:240 Resp: 1450410
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 24.9 20.0 30.0





#76

Benzidine

Concen: 7.92 ng

RT: 19.03 min Scan# 2762

Delta R.T. -0.05 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

Instrument :

BNA_M

ClientSampleId :

PL-02-080317-E

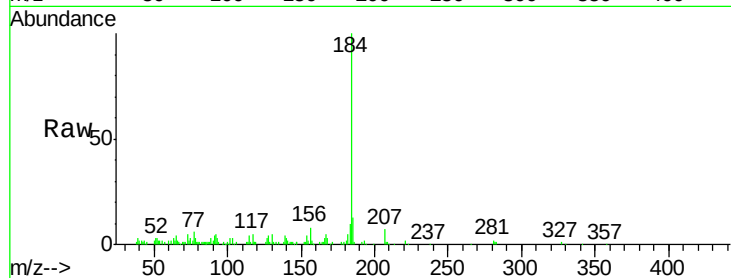
Tot Ion:184 Resp: 274957

Ion Ratio Lower Upper

184 100

185 13.3 11.3 16.9

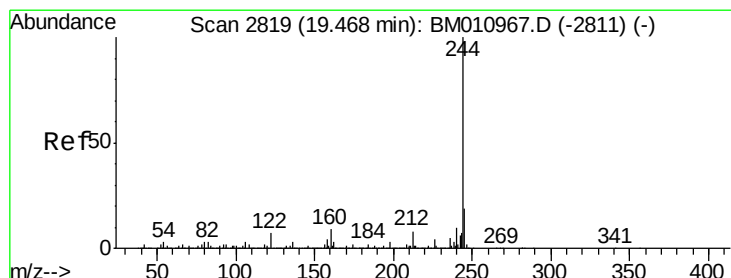
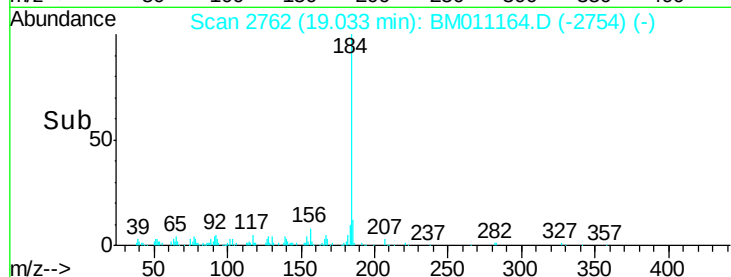
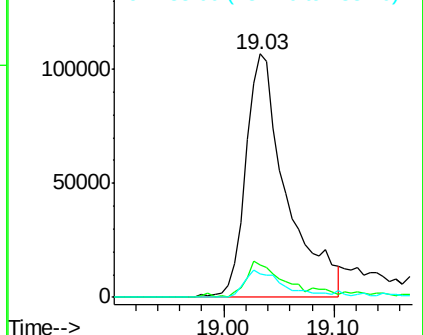
183 9.6 8.9 13.3



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: 100.83 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

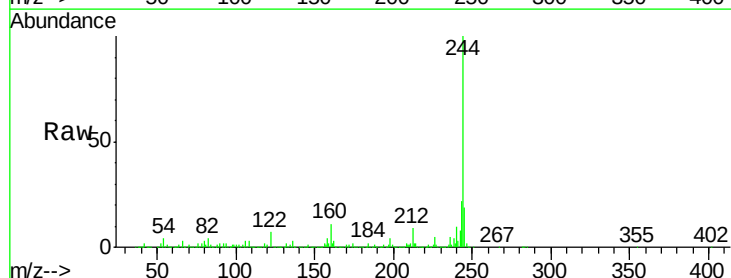
Tgt Ion:244 Resp: 7383026

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

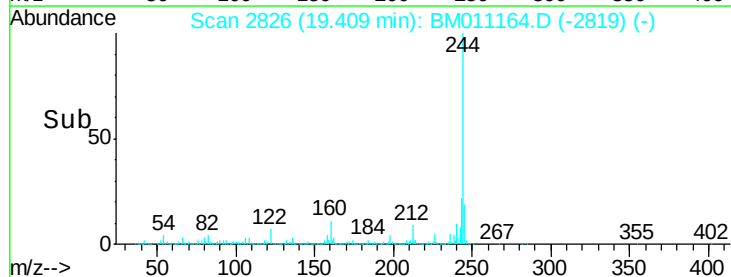
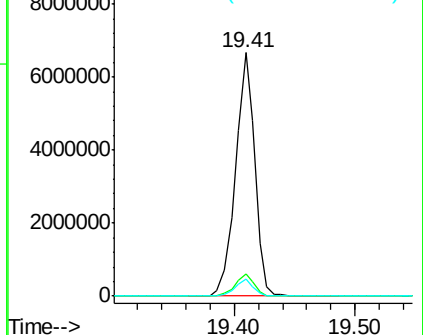
122 6.8 6.2 9.4

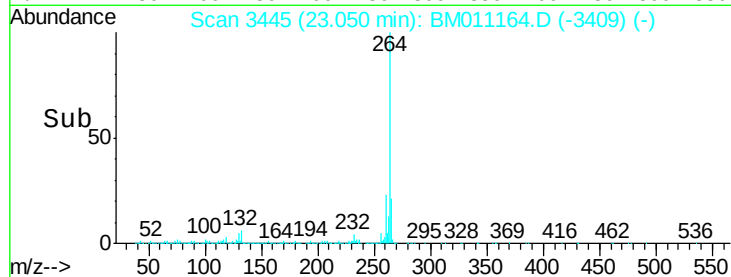
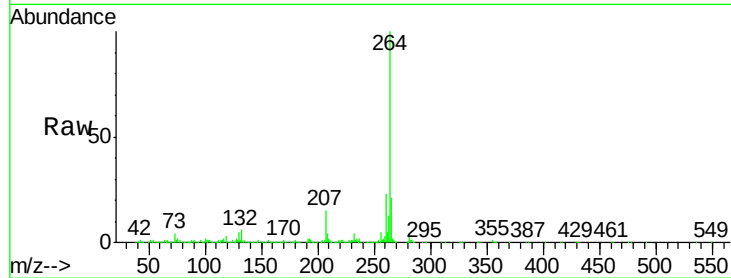
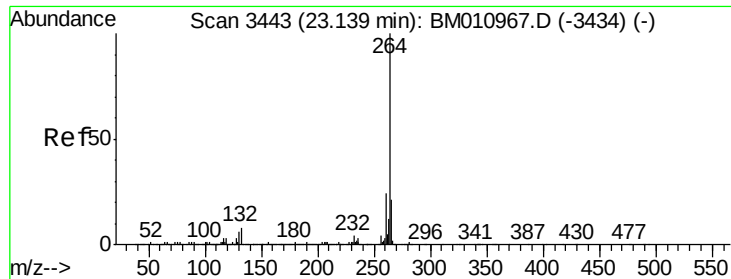


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.05 min Scan# 3445
Delta R.T. -0.09 min
Lab File: BM011164.D
Acq: 07 Aug 2017 22:19

Instrument :
BNA_M
ClientSampleId :
PL-02-080317-E

Tot Ion:264 Resp: 1431507

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.2	17.3	25.9

