

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011092.D
 Acq On : 02 Aug 2017 11:30
 Operator : SJ/JU
 Sample : I4497-04RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 02 23:16:22 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

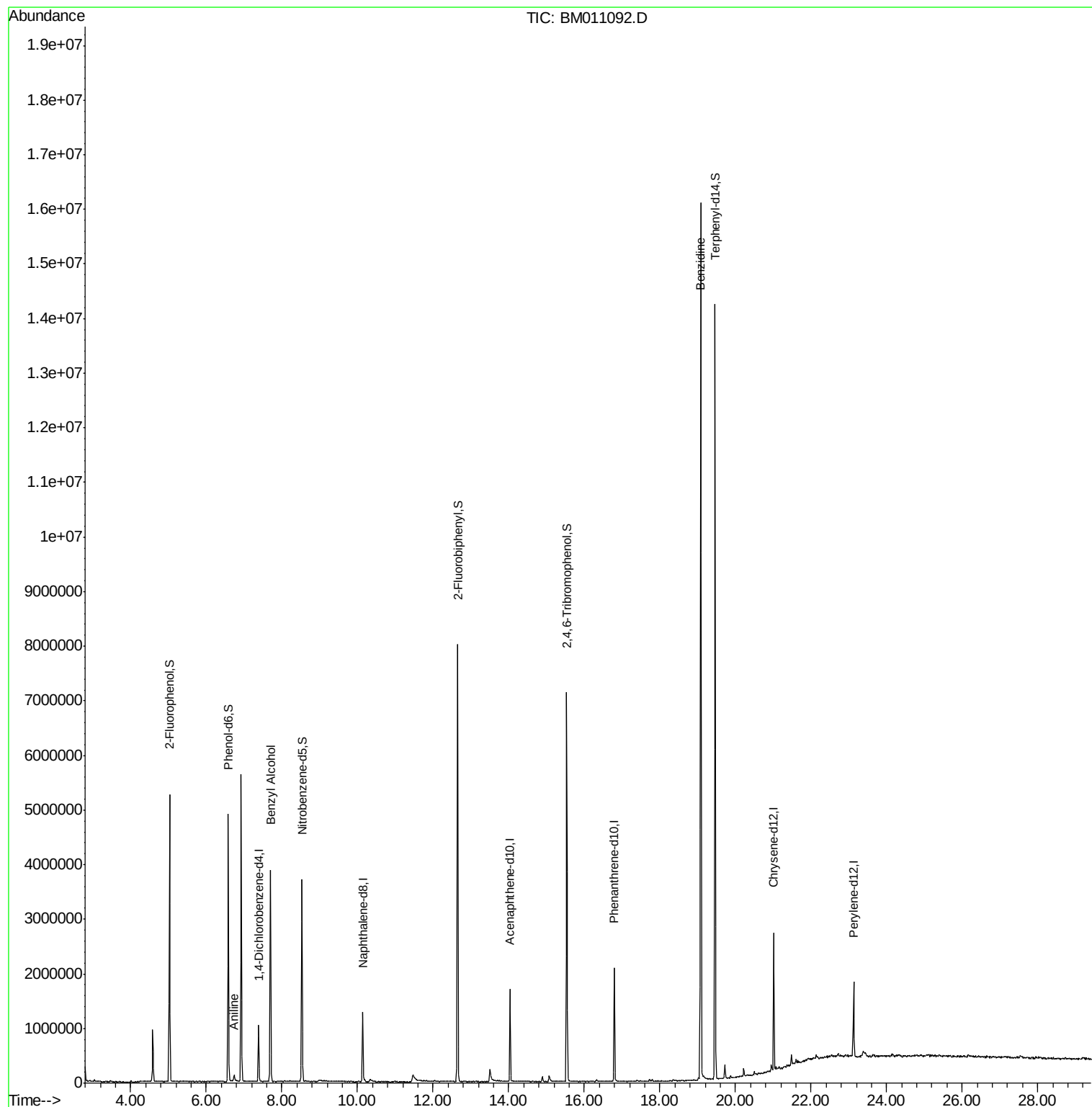
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	199556	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	770670	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	463583	20.00	ng	-0.01
63) Phenanthrene-d10	16.79	188	1104057	20.00	ng	-0.02
75) Chrysene-d12	21.02	240	1125369	20.00	ng	-0.01
86) Perylene-d12	23.13	264	955199	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1621613	137.37	ng	0.00
7) Phenol-d6	6.58	99	2086074	124.37	ng	-0.01
23) Nitrobenzene-d5	8.53	82	2051159	99.89	ng	-0.01
41) 2,4,6-Tribromophenol	15.55	330	984959	132.56	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3553343	96.13	ng	-0.01
78) Terphenyl-d14	19.46	244	5182604	91.22	ng	0.00
Target Compounds						
6) Aniline	6.73	93	80431	3.80	ng	# 88
15) Benzyl Alcohol	7.70	79	35589	2.21	ng	# 44
76) Benzidine	19.09	184	7833672	290.98	ng	99

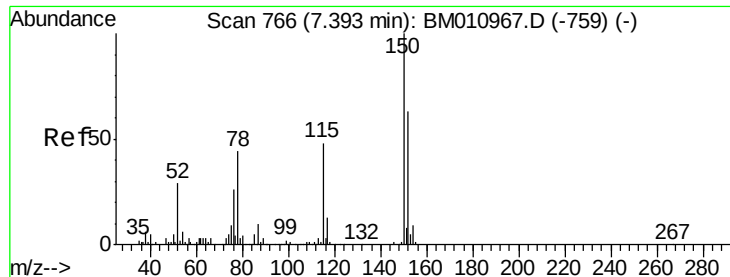
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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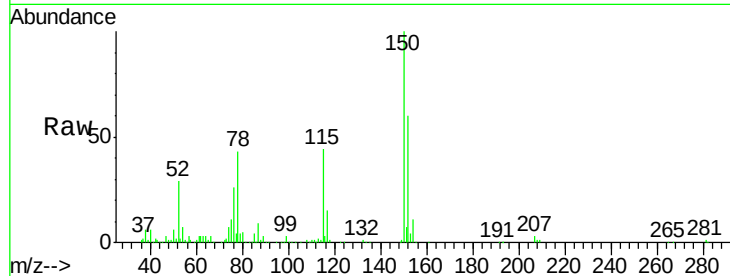


#1

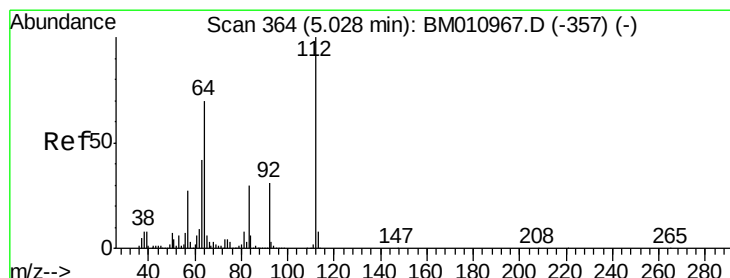
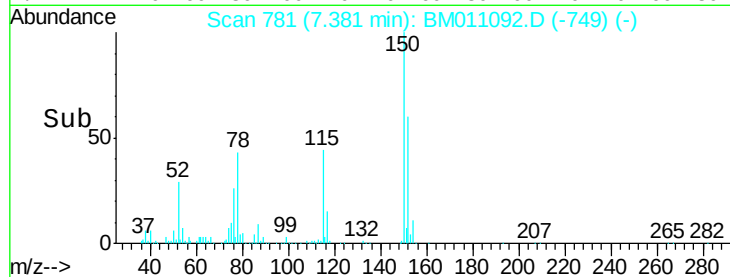
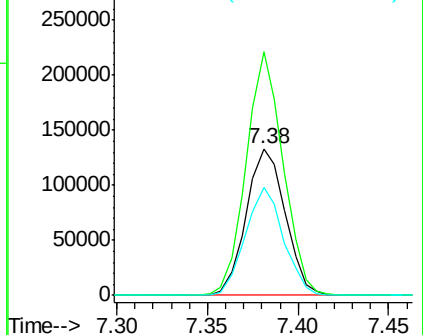
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 199556
Ion Ratio Lower Upper
152 100
150 165.8 119.5 179.3
115 73.4 43.0 64.4#



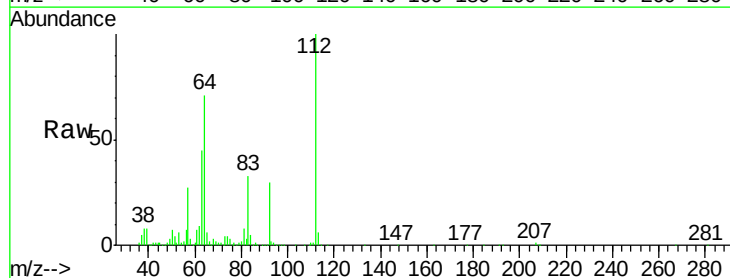
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



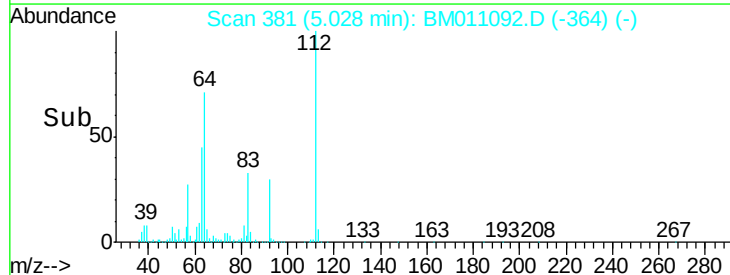
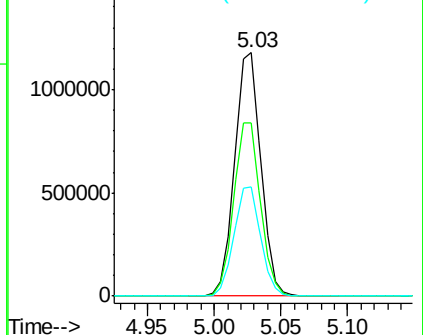
#5

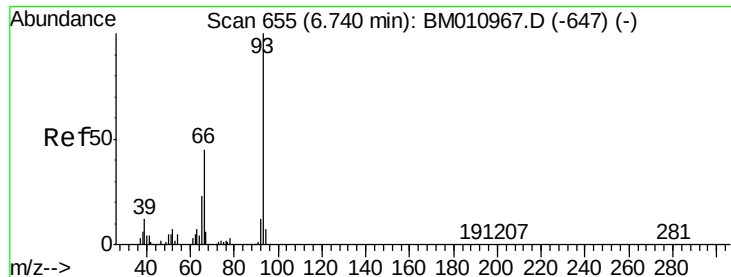
2-Fluorophenol
Concen: 137.37 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Tgt Ion:112 Resp: 1621613
Ion Ratio Lower Upper
112 100
64 71.2 38.6 57.8#
63 44.6 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





#6

Aniline

Concen: 3.80 ng

RT: 6.73 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM011092.D

Acq: 02 Aug 2017 11:30

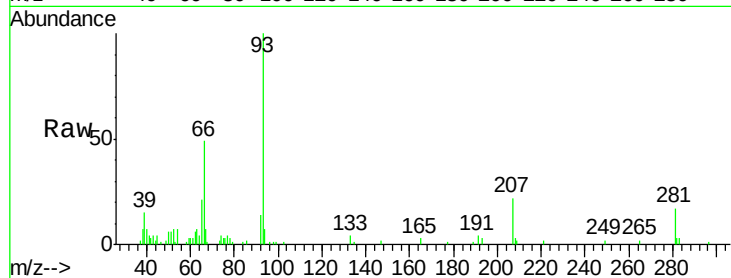
Instrument :

BNA_M

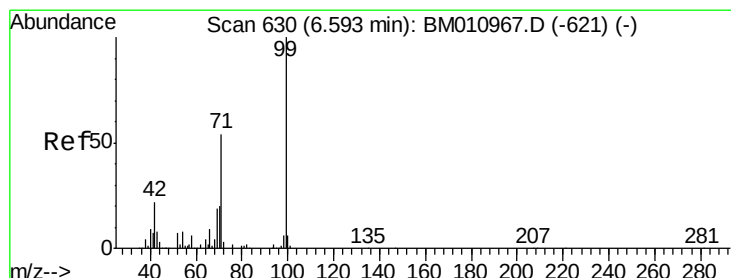
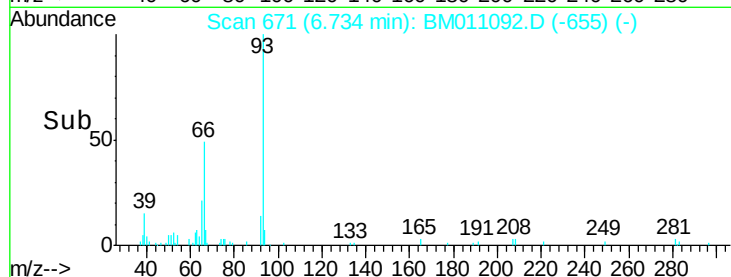
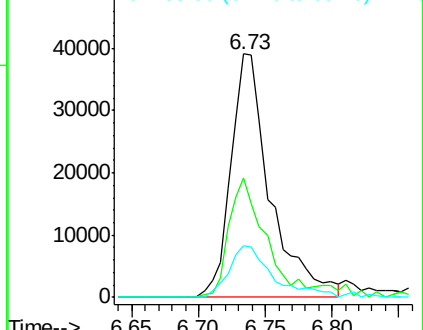
ClientSampleId :

Tot Ion: 93 Resp: 80431

Ion	Ratio	Lower	Upper
93	100		
66	49.2	30.8	46.2#
65	21.0	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BM011092.D (-655) (-)



#7

Phenol-d6

Concen: 124.37 ng

RT: 6.58 min Scan# 645

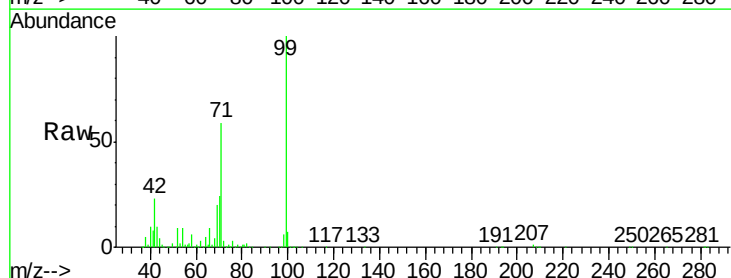
Delta R.T. -0.01 min

Lab File: BM011092.D

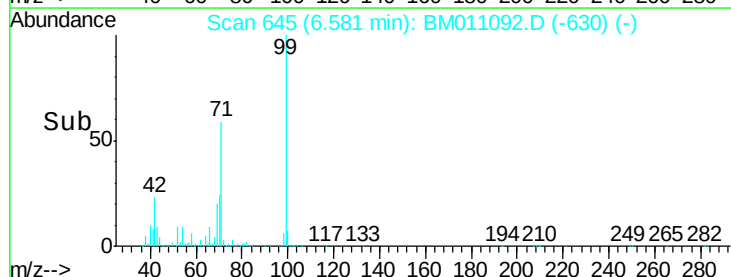
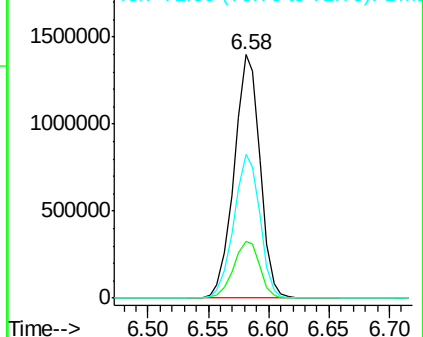
Acq: 02 Aug 2017 11:30

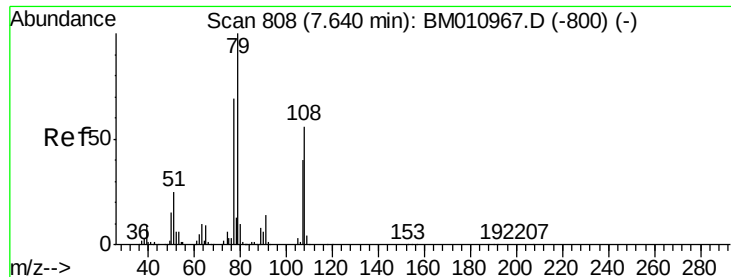
Tgt Ion: 99 Resp: 2086074

Ion	Ratio	Lower	Upper
99	100		
42	23.4	11.0	16.4#
71	59.1	23.4	35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011092.D (-630) (-)





#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 7.70 min Scan# 835

Delta R.T. 0.06 min

Lab File: BM011092.D

Acq: 02 Aug 2017 11:30

Instrument :

BNA_M

ClientSampled :

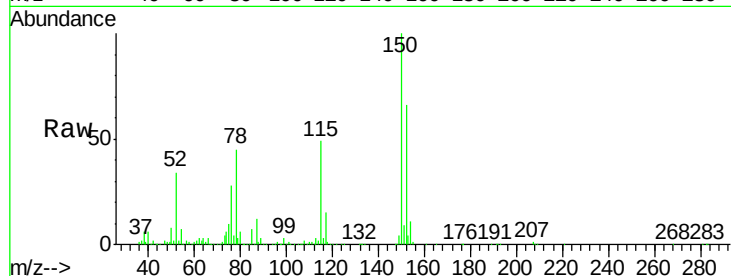
Tot Ion: 79 Resp: 35589

Ion Ratio Lower Upper

79 100

108 44.7 65.0 97.4#

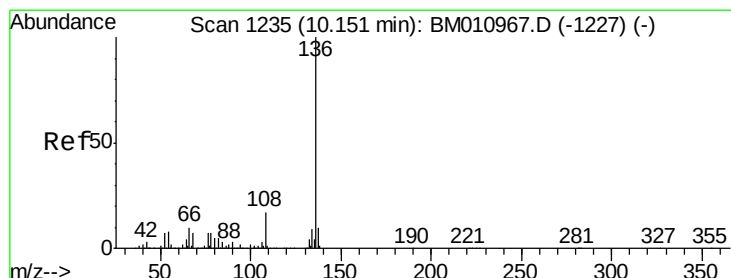
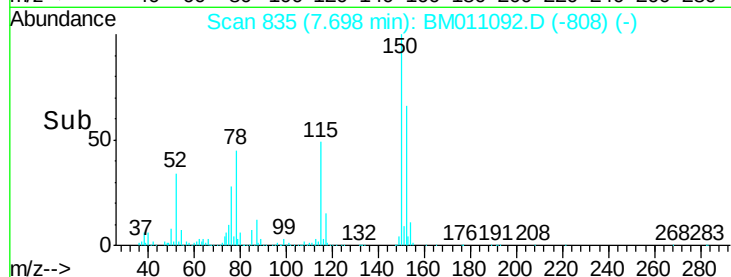
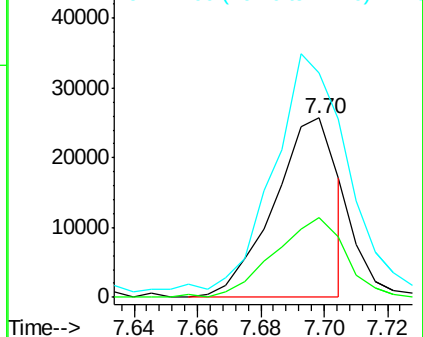
77 125.1 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM011092.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM011092.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM011092.D (-808) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.14 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM011092.D

Acq: 02 Aug 2017 11:30

Tgt Ion: 136 Resp: 770670

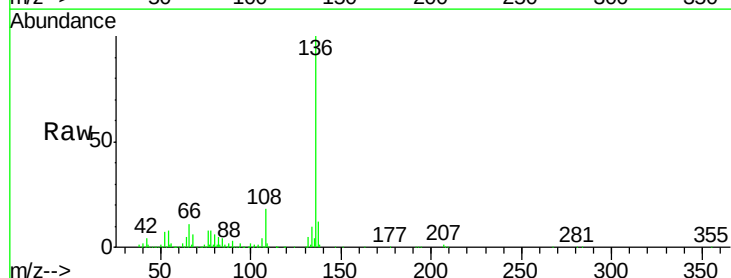
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 7.9 4.6 6.8#

68 6.4 3.7 5.5#

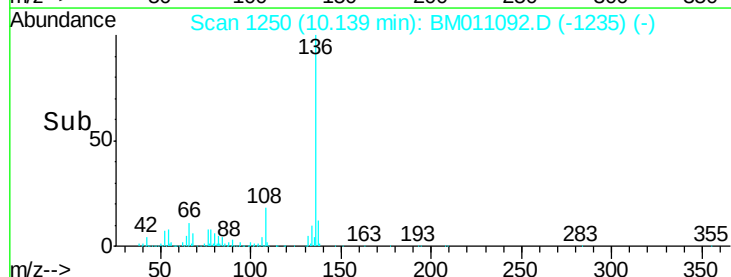
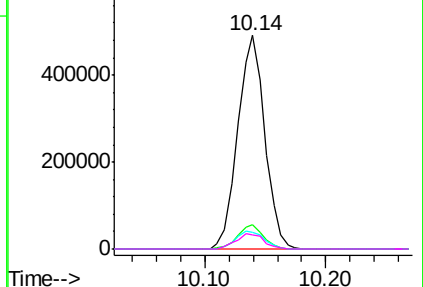


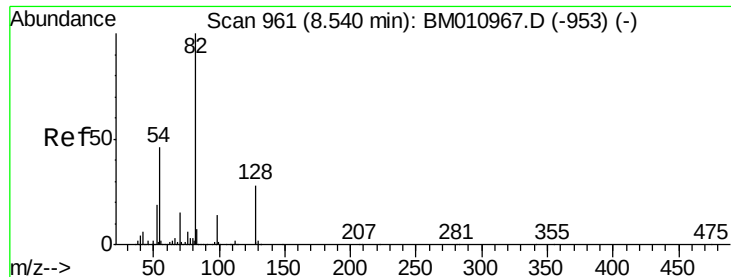
Abundance Ion 136.00 (135.70 to 136.70): BM011092.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011092.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011092.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011092.D (-1235) (-)

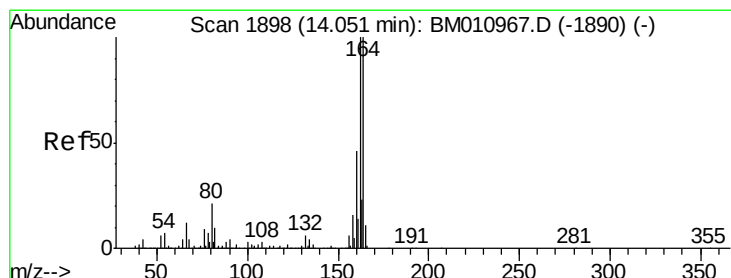
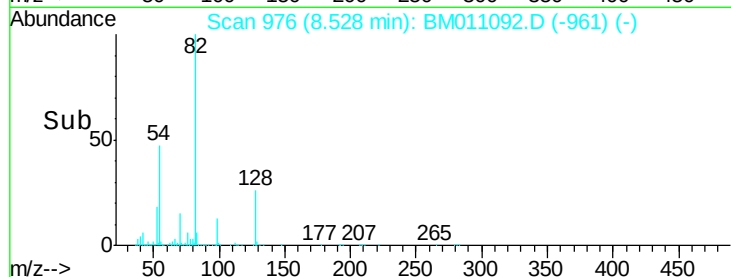
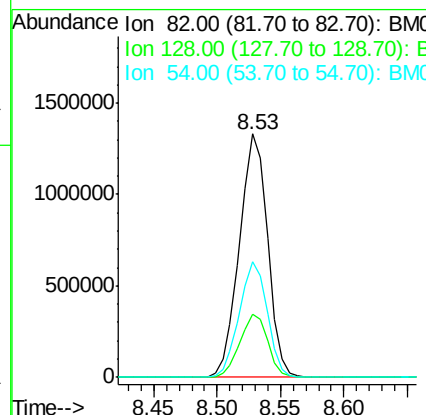
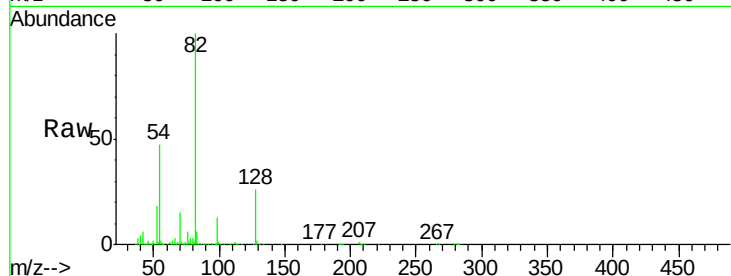




#23
Nitrobenzene-d5
Concen: 99.89 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

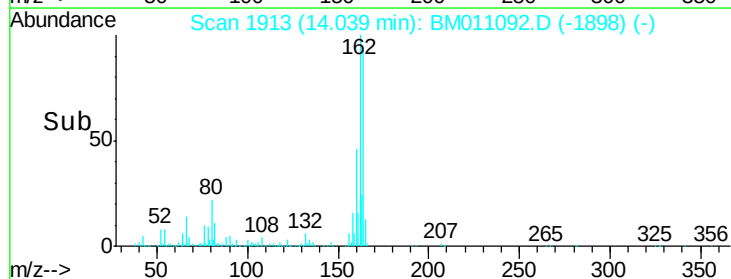
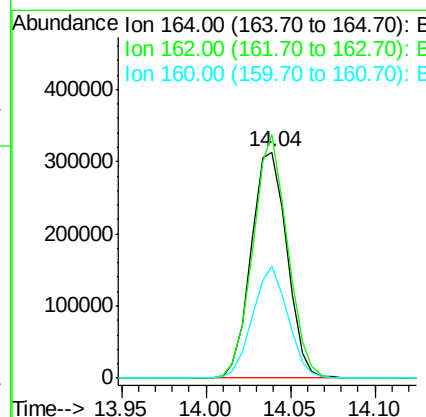
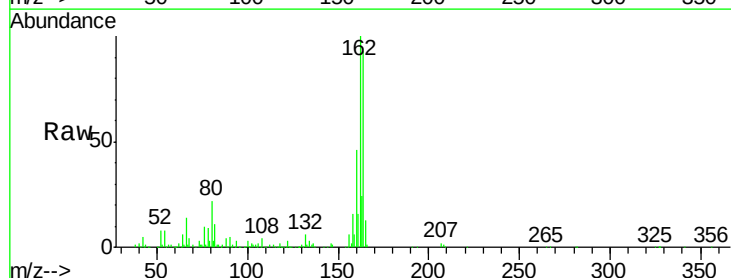
Instrument :
BNA_M
ClientSampleId :

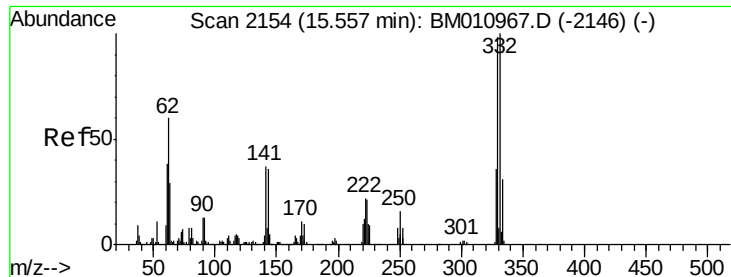
Tot Ion: 82 Resp: 2051159
Ion Ratio Lower Upper
82 100
128 26.0 32.8 49.2#
54 47.3 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.04 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Tgt Ion:164 Resp: 463583
Ion Ratio Lower Upper
164 100
162 107.8 82.4 123.6
160 49.7 35.8 53.6

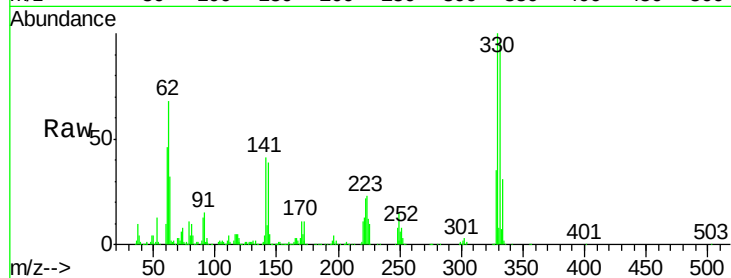




#41
 2,4,6-Tribromophenol
 Concen: 132.56 ng
 RT: 15.55 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011092.D
 Acq: 02 Aug 2017 11:30

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	45.0	0.0	0.0#

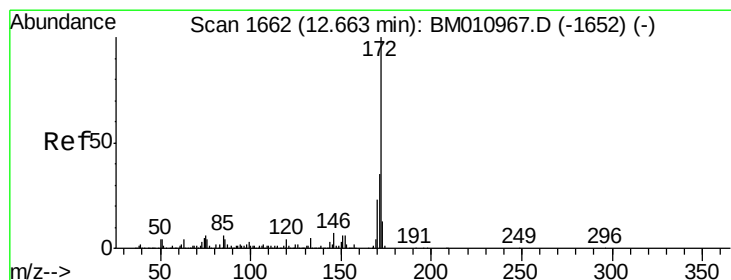
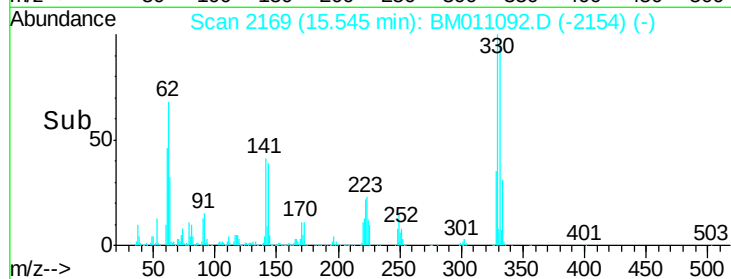
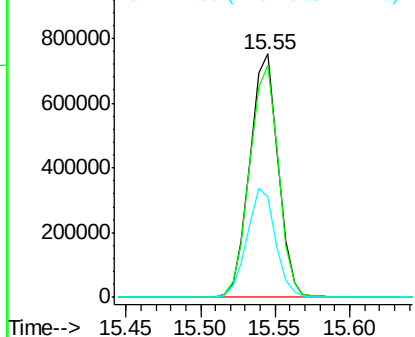


Abundance

Ion 329.80 (329.50 to 330.50): E

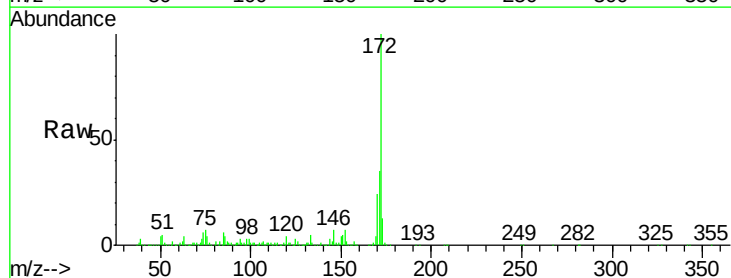
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.13 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011092.D
 Acq: 02 Aug 2017 11:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.7	18.8	28.2

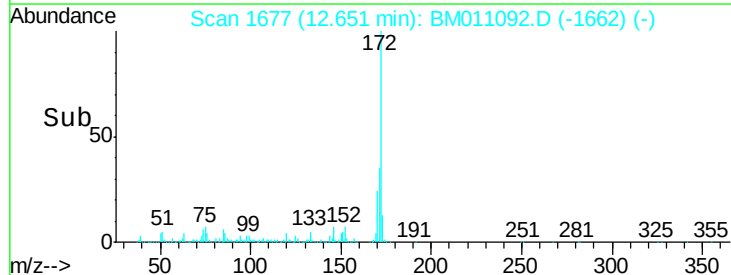
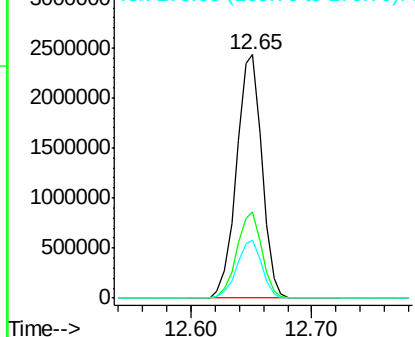


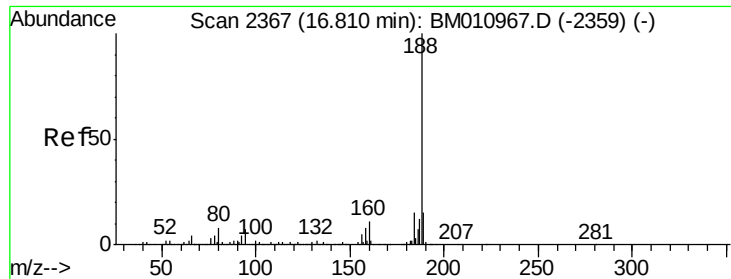
Abundance

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

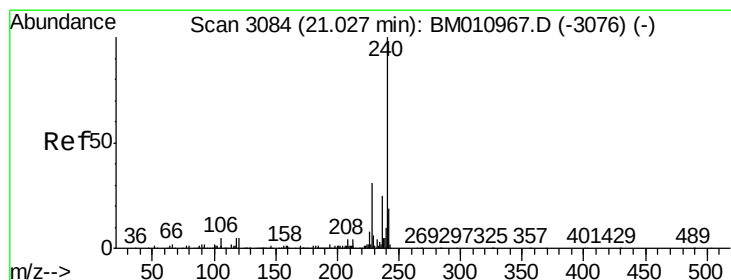
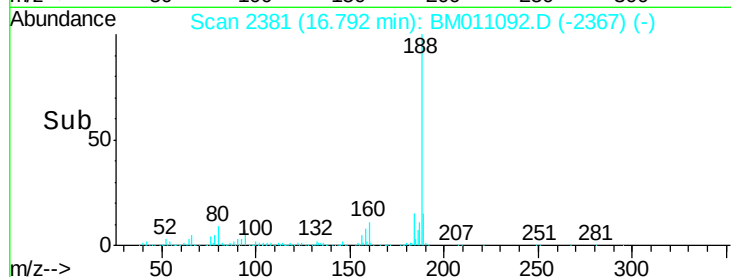
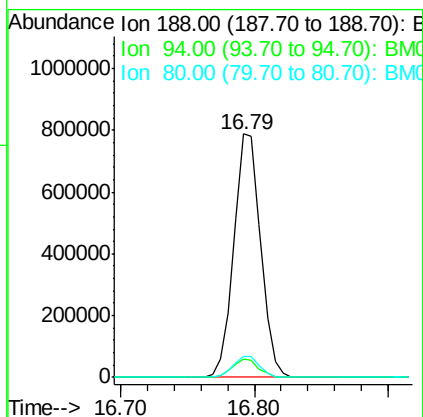
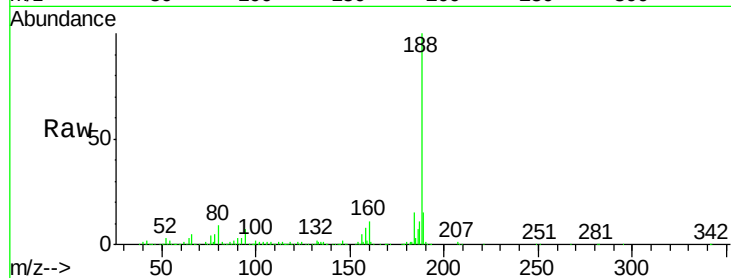




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.79 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

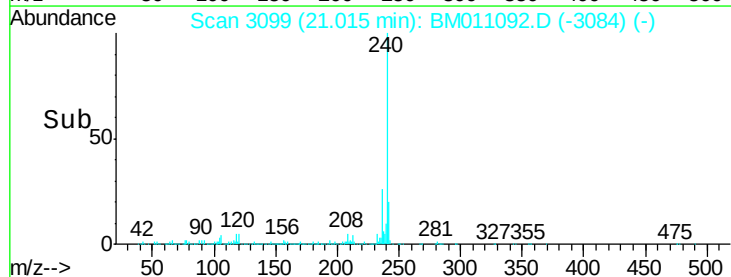
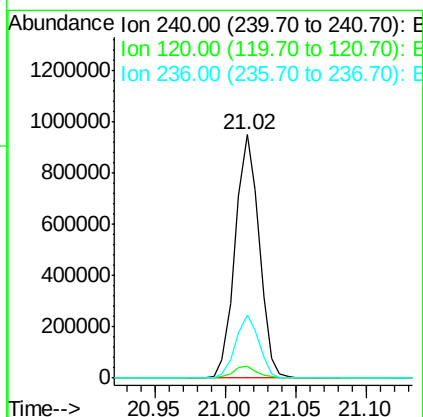
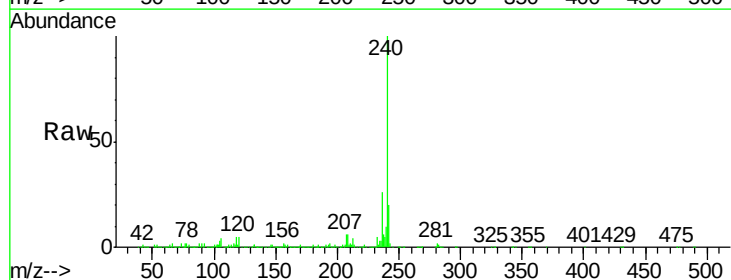
Instrument :
BNA_M
ClientSampleId :

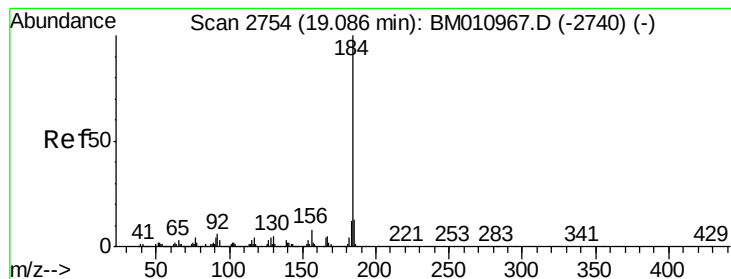
Tot Ion:188 Resp: 1104057
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 8.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Tgt Ion:240 Resp: 1125369
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 26.0 20.0 30.0





#76

Benzidine

Concen: 290.98 ng

RT: 19.09 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BM011092.D

Acq: 02 Aug 2017 11:30

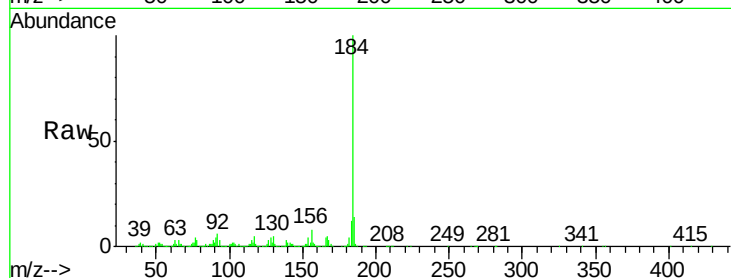
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 7833672

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.3	16.9
183	11.6	8.9	13.3

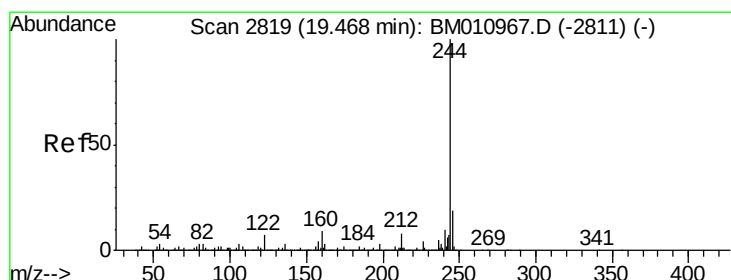
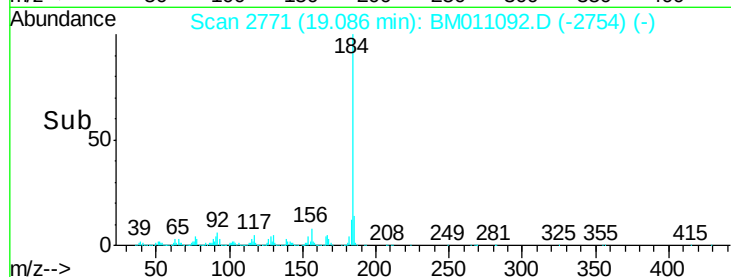
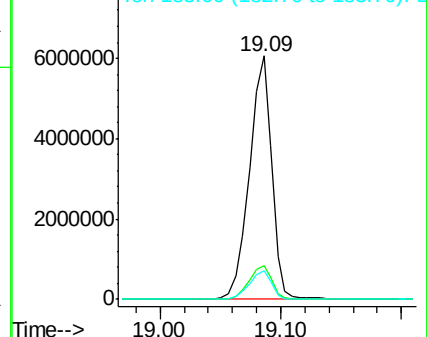


Abundance

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: 91.22 ng

RT: 19.46 min Scan# 2835

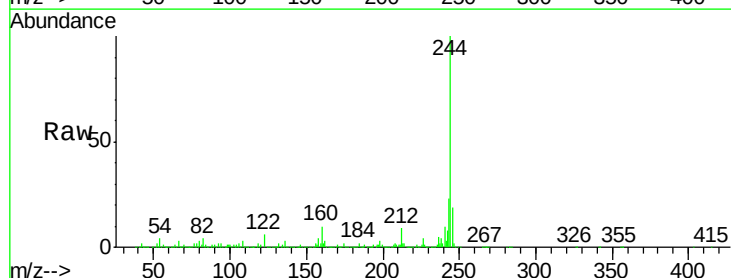
Delta R.T. -0.01 min

Lab File: BM011092.D

Acq: 02 Aug 2017 11:30

Tgt Ion:244 Resp: 5182604

Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.9	7.3#
122	6.5	6.2	9.4

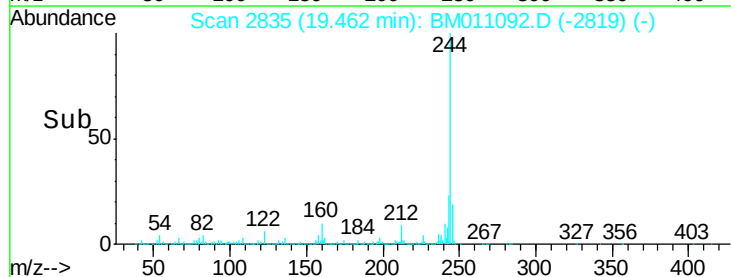
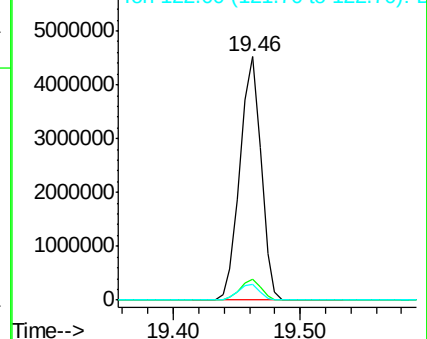


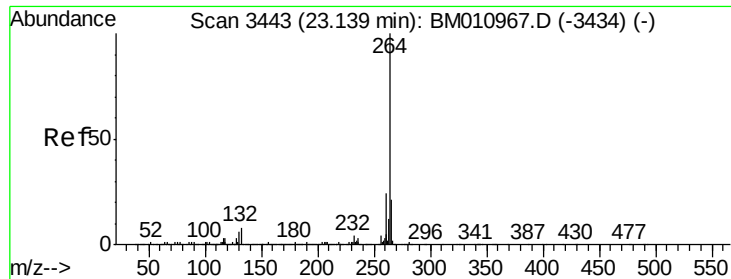
Abundance

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

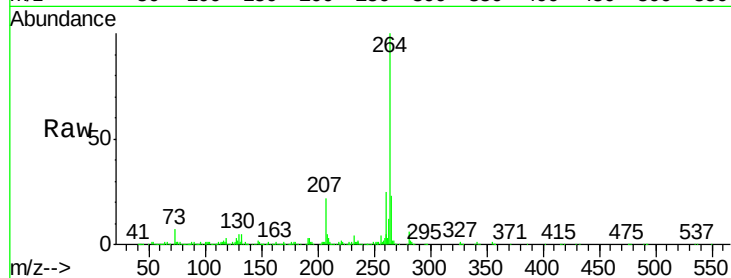




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.13 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM011092.D
Acq: 02 Aug 2017 11:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	22.7	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

