

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011412.D
 Acq On : 02 Sep 2017 13:05
 Operator : SJ/JU
 Sample : I5073-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-2-COMP

Quant Time: Sep 04 02:59:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

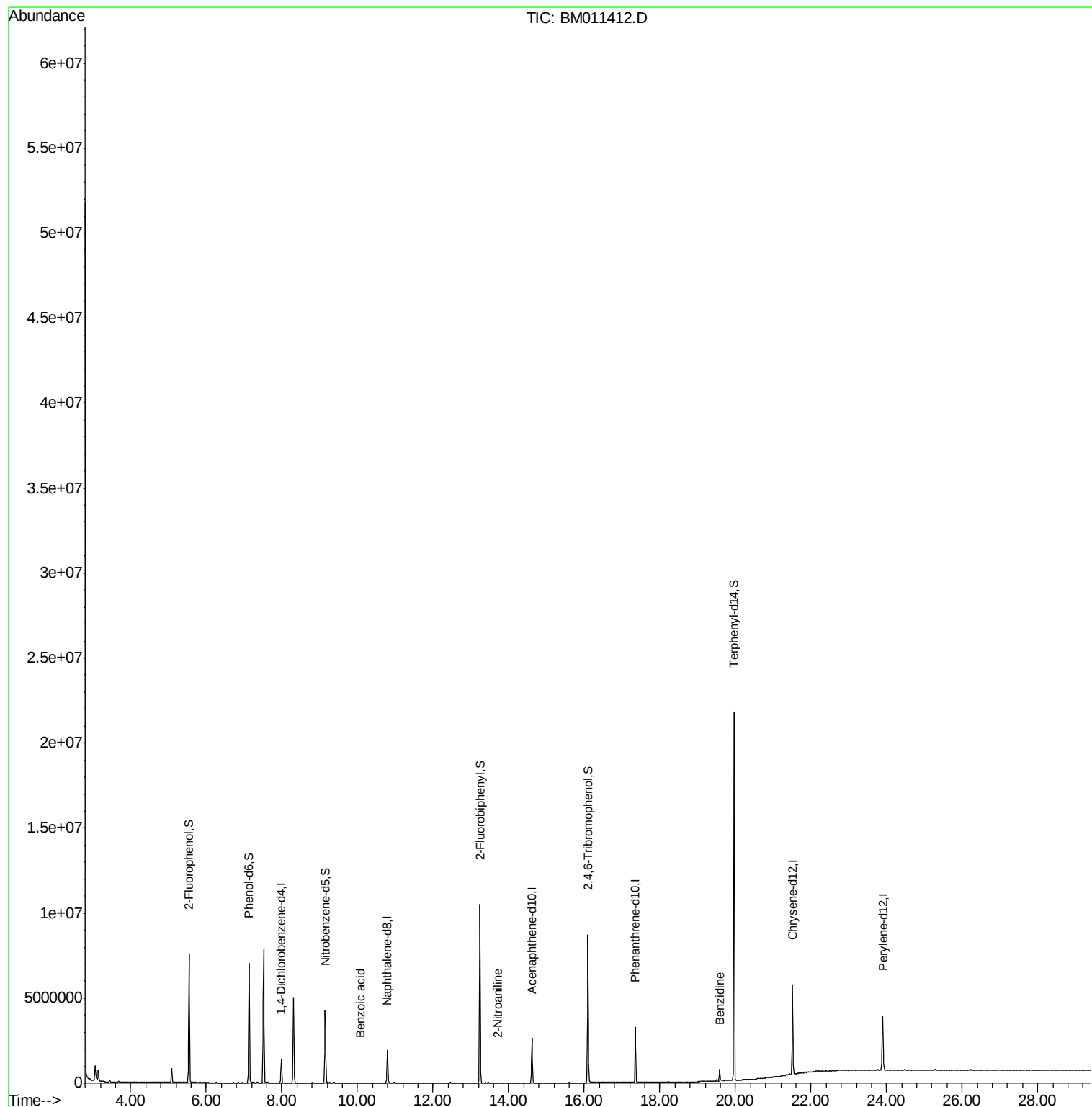
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	382176	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	1565707	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	839532	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	1896280	20.00	ng	0.00
75) Chrysene-d12	21.52	240	2339365	20.00	ng	-0.02
86) Perylene-d12	23.90	264	2266967	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3071760	135.29	ng	0.00
7) Phenol-d6	7.13	99	3746377	119.00	ng	0.00
23) Nitrobenzene-d5	9.15	82	2258602	95.06	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1315477	135.43	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	5341404	91.71	ng	-0.01
78) Terphenyl-d14	19.96	244	8313211	88.17	ng	-0.01
Target Compounds						
32) Benzoic acid	10.06	122	152	6.548	ng	# 43
47) 2-Nitroaniline	13.71	65	226	5.449	ng	# 1
76) Benzidine	19.59	184	402990	8.728	ng	98

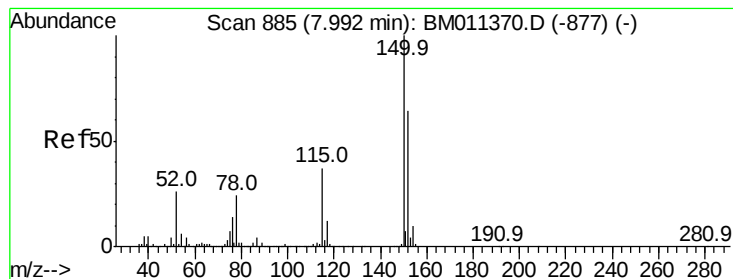
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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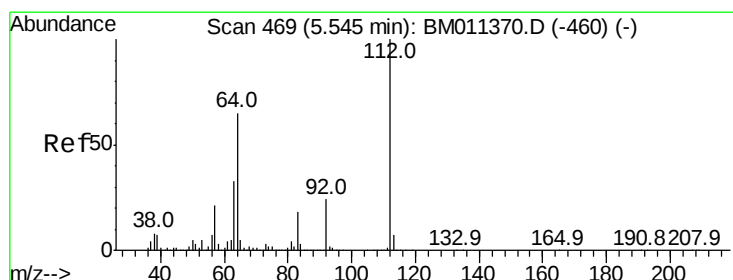
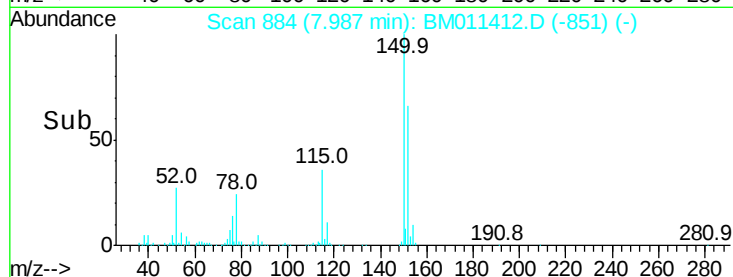
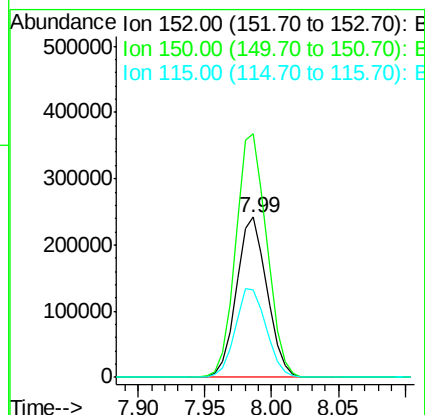
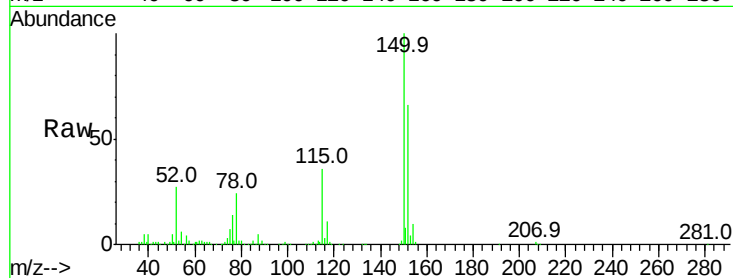


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011412.D
Acq: 02 Sep 2017 13:05

Instrument :
BNA_M
ClientSampleId :
TP-1-2-COMP

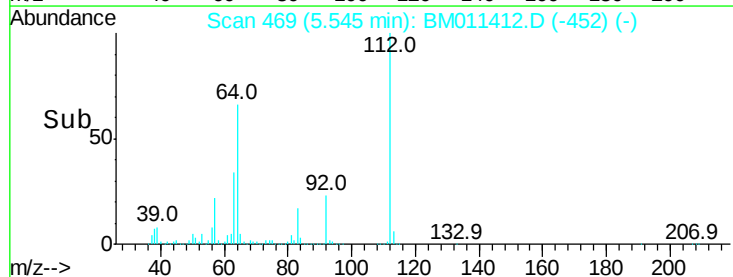
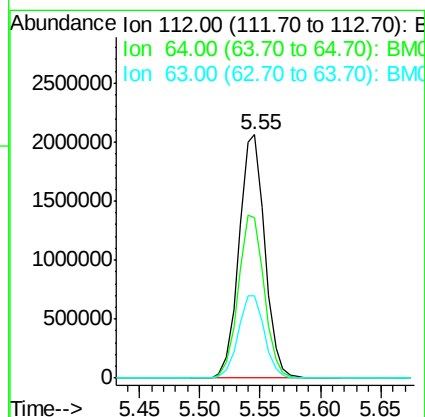
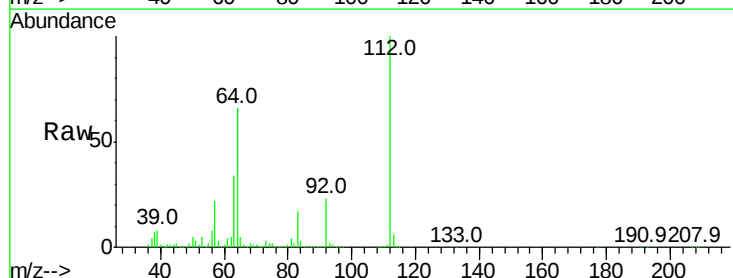
Tot Ion:152 Resp: 382176
Ion Ratio Lower Upper
152 100
150 151.9 119.5 179.3
115 54.9 43.0 64.4

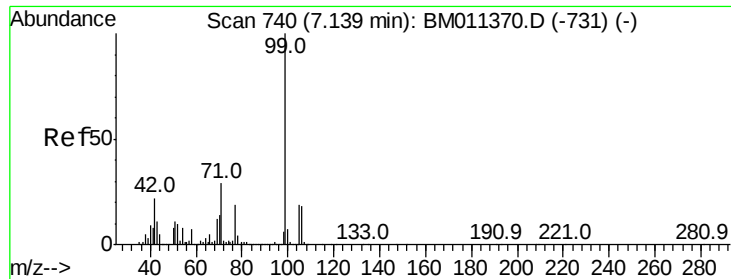


#5

2-Fluorophenol
Concen: 135.294 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011412.D
Acq: 02 Sep 2017 13:05

Tgt Ion:112 Resp: 3071760
Ion Ratio Lower Upper
112 100
64 66.1 38.6 57.8#
63 33.9 19.3 28.9#





#7

Phenol-d6

Concen: 119.000 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

Instrument :

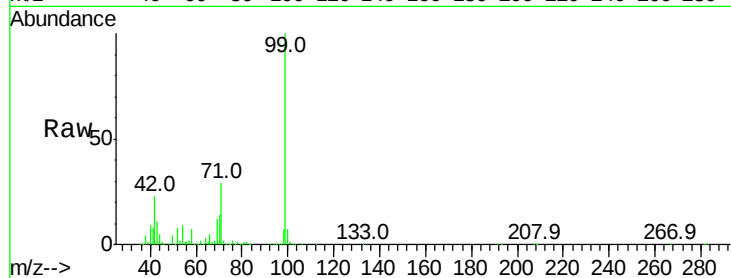
BNA_M

ClientSampleId :

TP-1-2-COMP

Tot Ion: 99 Resp: 3746377

Ion	Ratio	Lower	Upper
99	100		
42	23.2	11.0	16.4#
71	29.0	23.4	35.2

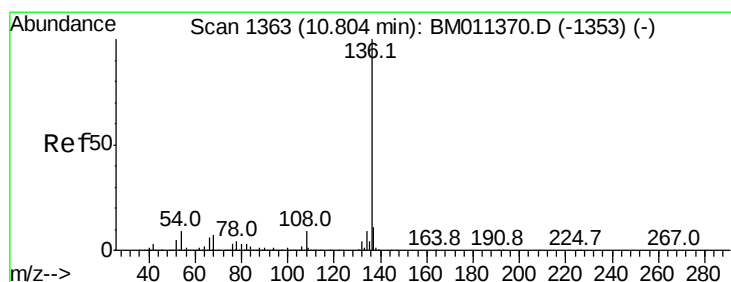
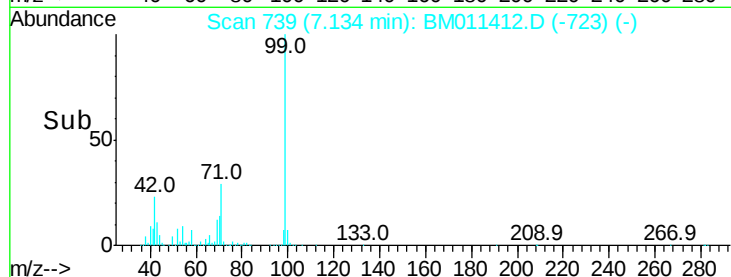
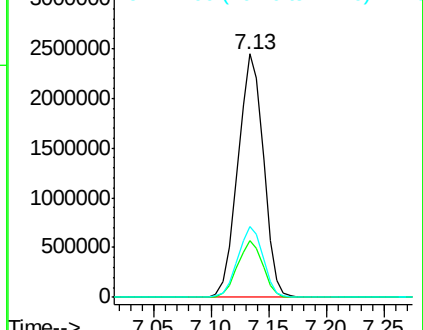


Abundance

Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)

Ion 42.00 (41.70 to 42.70): BM011370.D (-731) (-)

Ion 71.00 (70.70 to 71.70): BM011370.D (-731) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

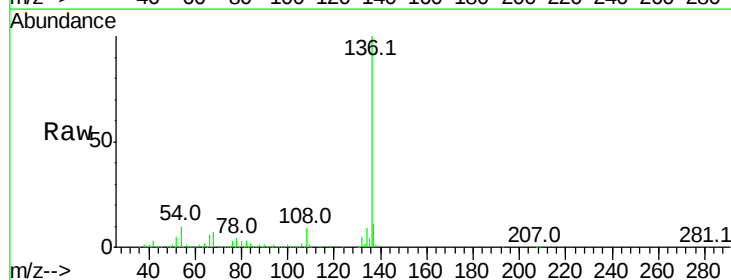
Delta R.T. -0.01 min

Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

Tgt Ion: 136 Resp: 1565707

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.8	4.6	6.8#
68	7.3	3.7	5.5#



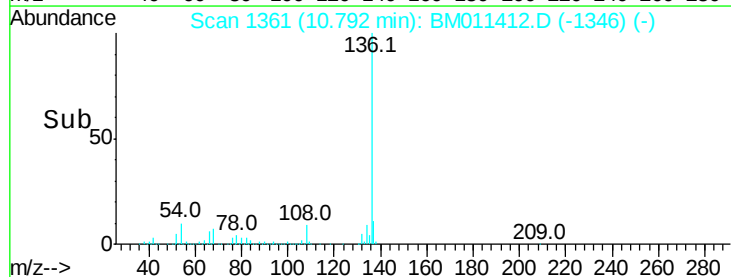
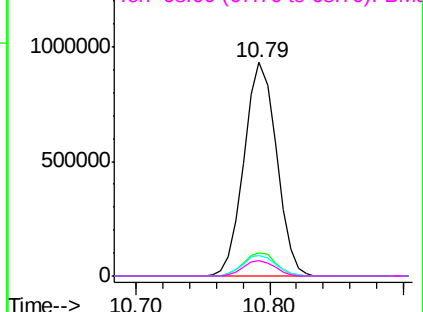
Abundance

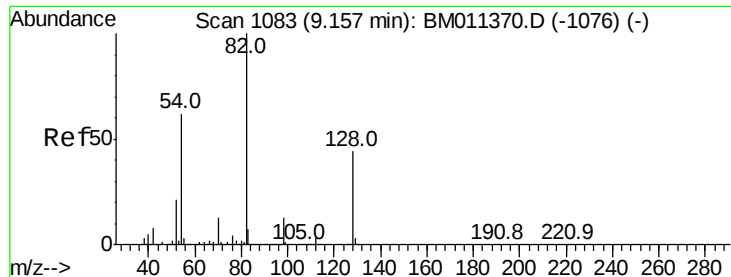
Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

Ion 137.00 (136.70 to 137.70): BM011370.D (-1353) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1353) (-)

Ion 68.00 (67.70 to 68.70): BM011370.D (-1353) (-)





#23

Nitrobenzene-d5

Concen: 95.061 ng

RT: 9.15 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

Instrument :

BNA_M

ClientSampleId :

TP-1-2-COMP

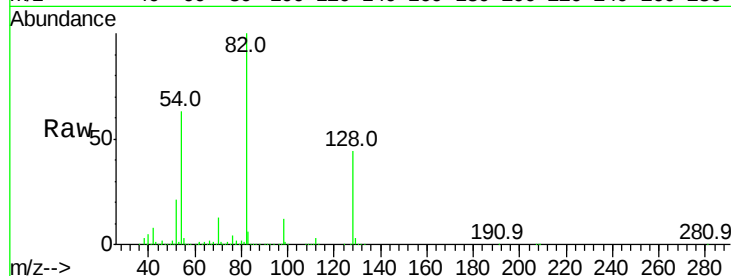
Tot Ion: 82 Resp: 2258602

Ion Ratio Lower Upper

82 100

128 44.1 32.8 49.2

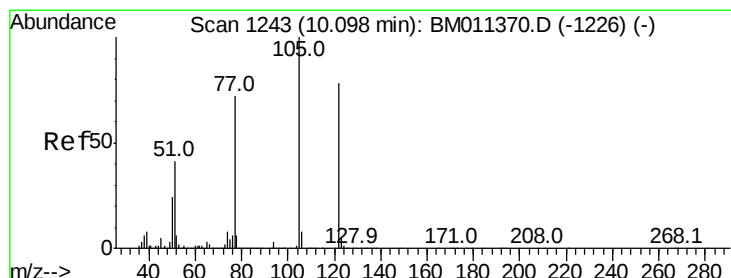
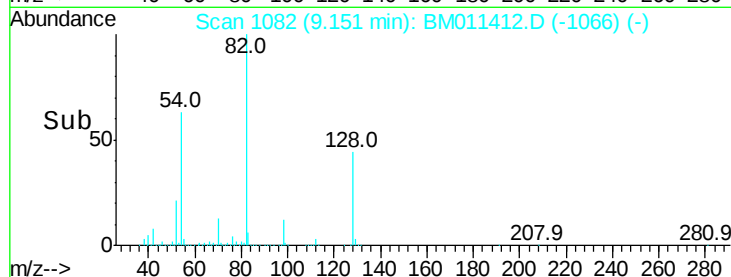
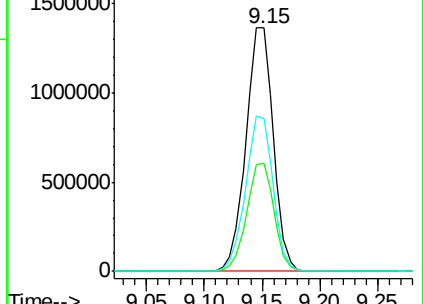
54 62.7 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM011412.D (-1066) (-)

Ion 128.00 (127.70 to 128.70): BM011412.D (-1066) (-)

Ion 54.00 (53.70 to 54.70): BM011412.D (-1066) (-)



#32

Benzoic acid

Concen: 6.548 ng

RT: 10.06 min Scan# 1237

Delta R.T. -0.04 min

Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

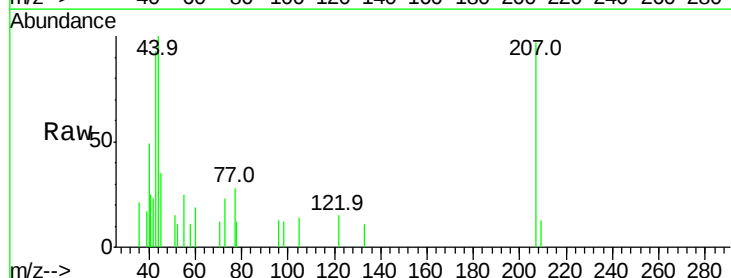
Tgt Ion: 122 Resp: 152

Ion Ratio Lower Upper

122 100

105 95.4 99.9 139.9#

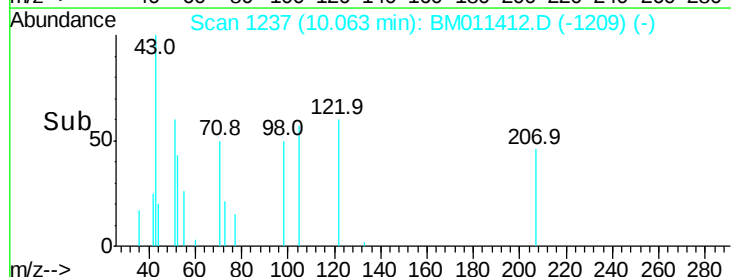
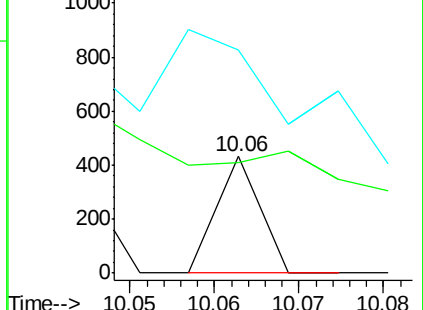
77 192.3 73.7 113.7#

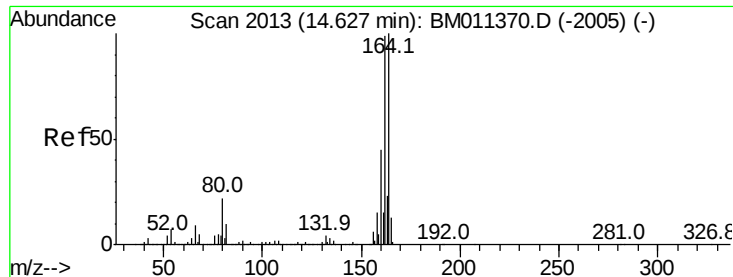


Abundance Ion 122.00 (121.70 to 122.70): BM011412.D (-1209) (-)

Ion 105.00 (104.70 to 105.70): BM011412.D (-1209) (-)

Ion 77.00 (76.70 to 77.70): BM011412.D (-1209) (-)

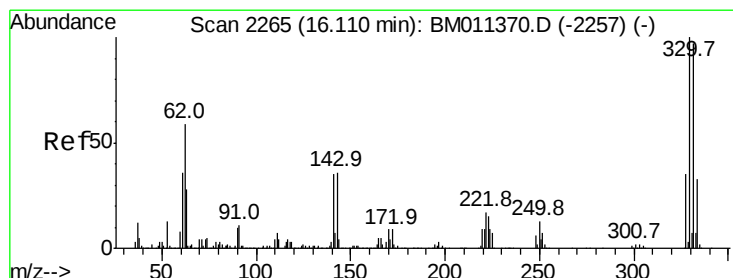
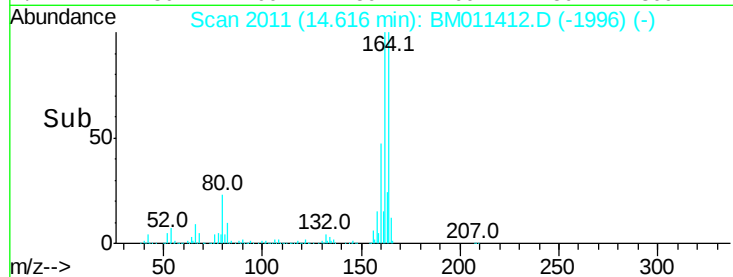
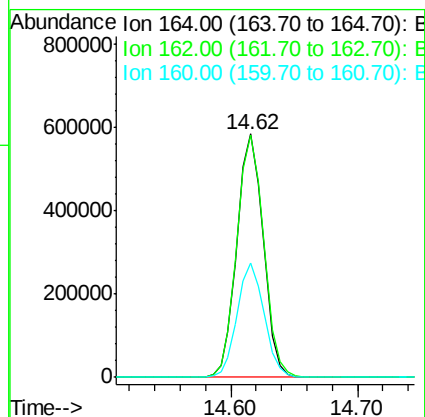
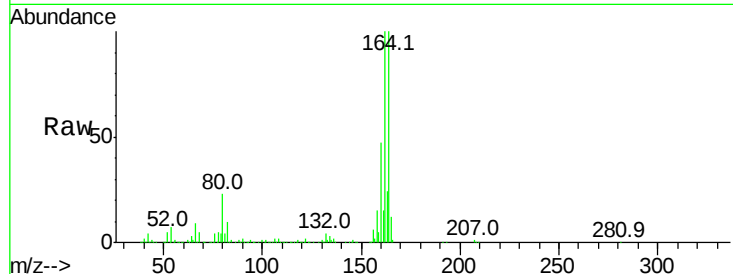




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM011412.D
Acq: 02 Sep 2017 13:05

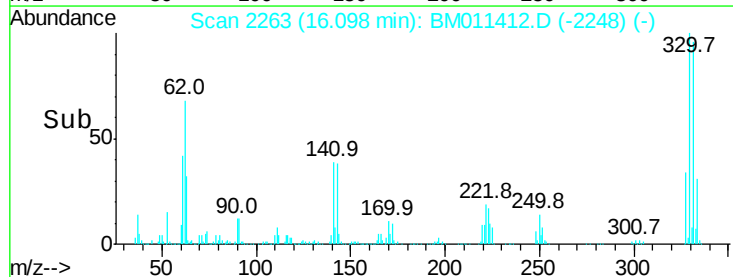
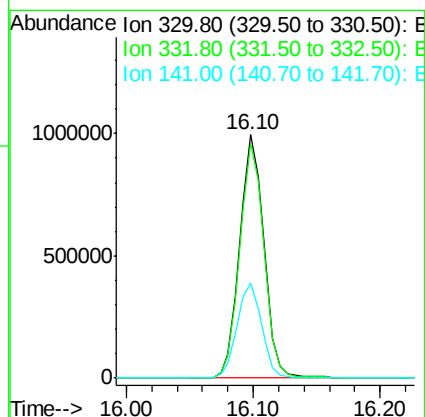
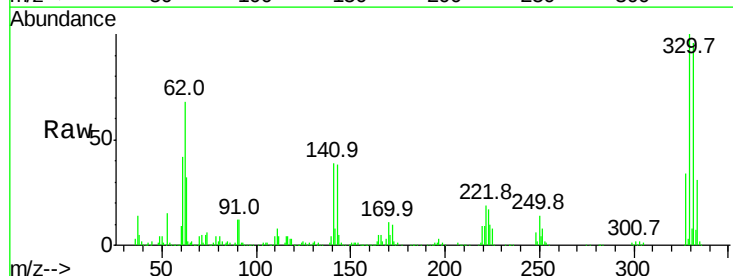
Instrument :
BNA_M
ClientSampleId :
TP-1-2-COMP

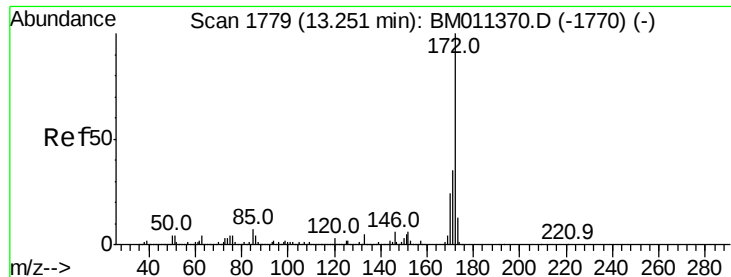
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.4	123.6
160	46.7	35.8	53.6



#41
2,4,6-Tribromophenol
Concen: 135.434 ng
RT: 16.10 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM011412.D
Acq: 02 Sep 2017 13:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	39.7	0.0	0.0#





#44

2-Fluorobiphenyl

Concen: 91.712 ng

RT: 13.24 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

Instrument :

BNA_M

ClientSampleId :

TP-1-2-COMP

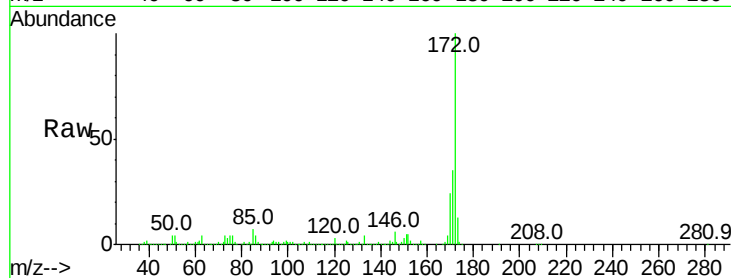
Tot Ion:172 Resp: 5341404

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.8	18.8	28.2

172 100

171 34.9 28.5 42.7

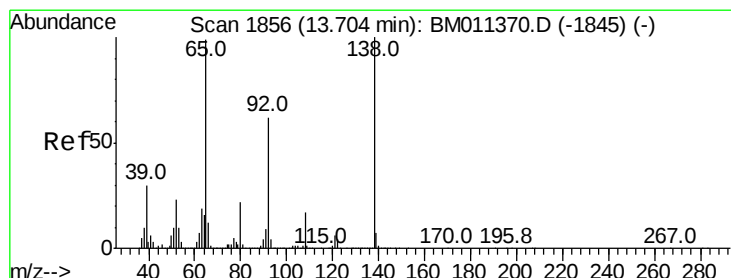
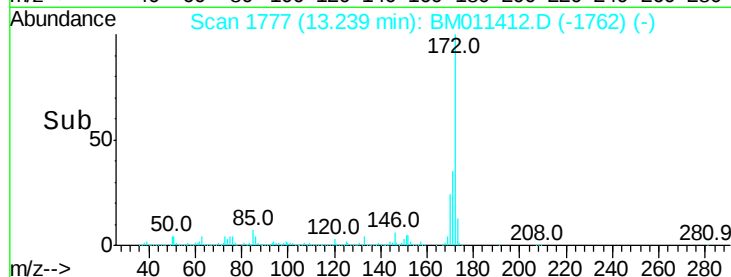
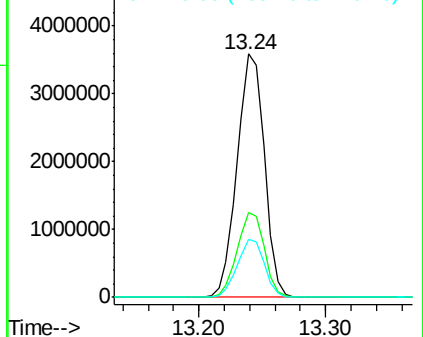
170 23.8 18.8 28.2



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



#47

2-Nitroaniline

Concen: 5.449 ng

RT: 13.71 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

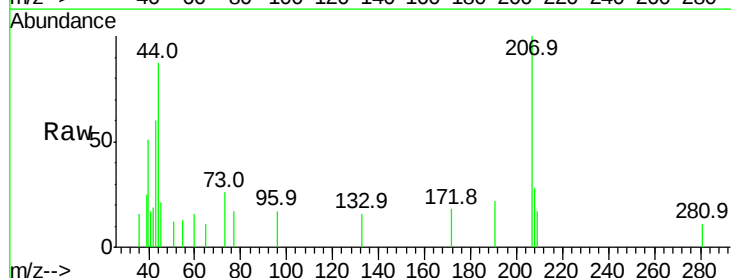
Tgt Ion: 65 Resp: 226

Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#

65 100

92 0.0 59.1 88.7#

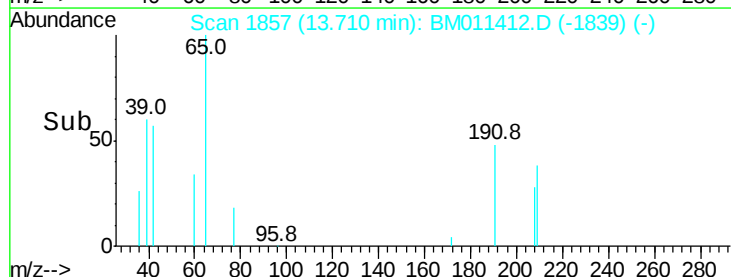
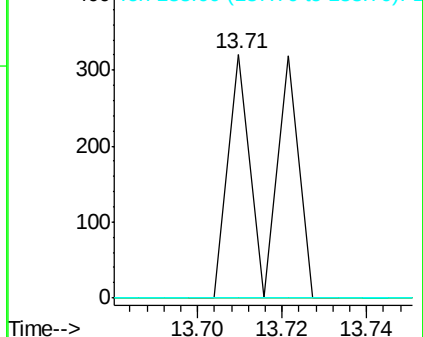
138 0.0 93.9 140.9#

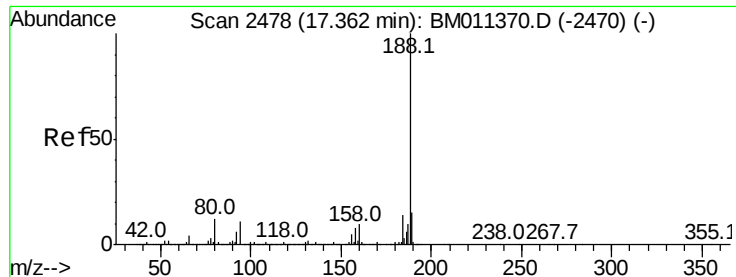


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

Instrument :

BNA_M

ClientSampleId :

TP-1-2-COMP

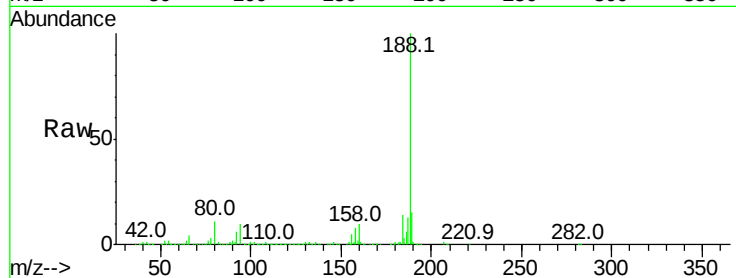
Tot Ion:188 Resp: 1896280

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

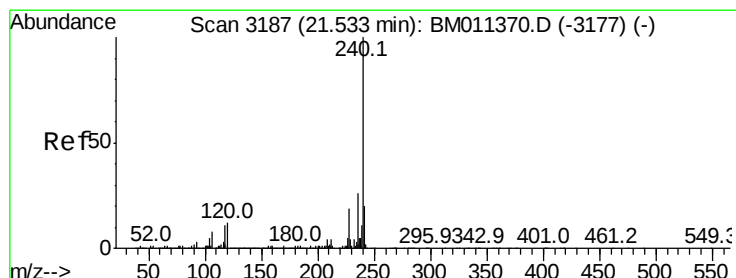
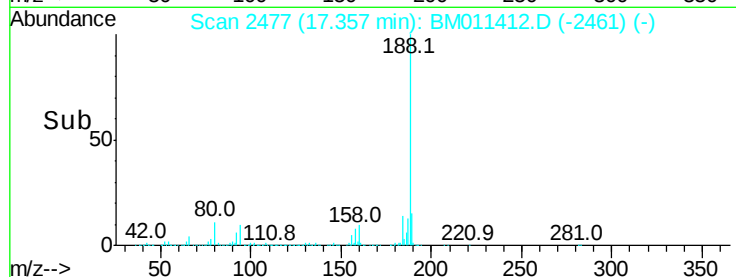
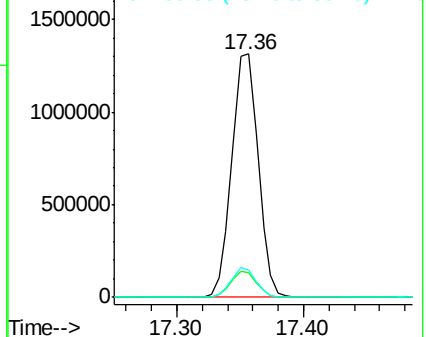
80 11.3 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

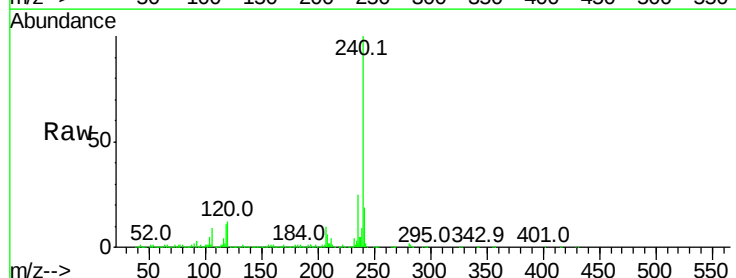
Tgt Ion:240 Resp: 2339365

Ion Ratio Lower Upper

240 100

120 12.0 8.2 12.2

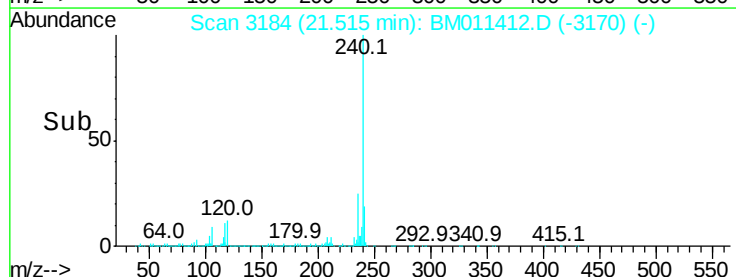
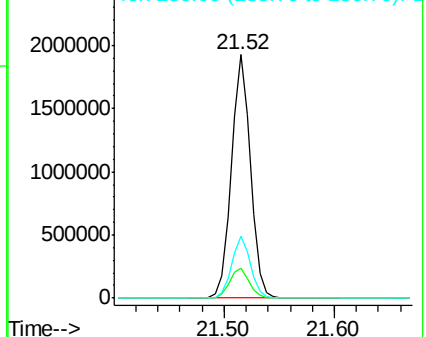
236 25.3 20.0 30.0

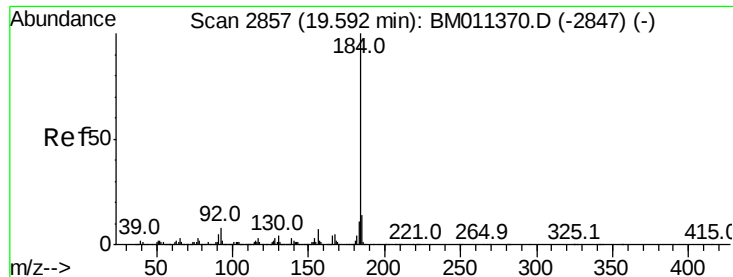


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 8.728 ng

RT: 19.59 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

Instrument :

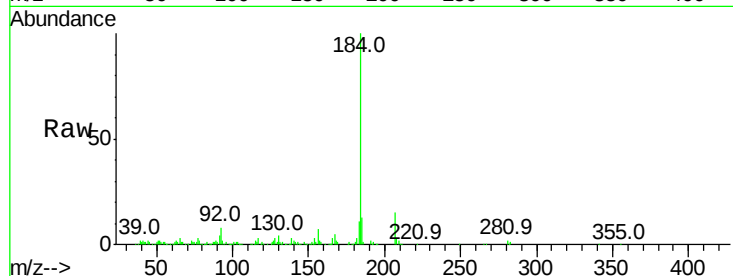
BNA_M

ClientSampleId :

TP-1-2-COMP

Tot Ion:184 Resp: 402990

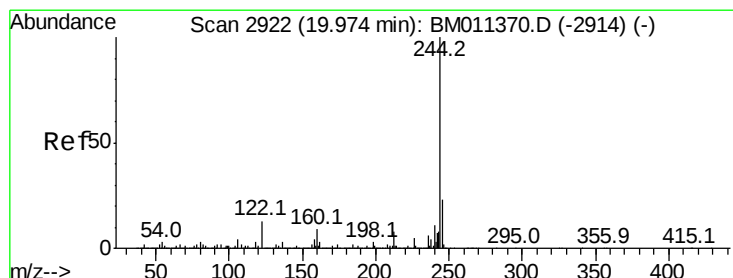
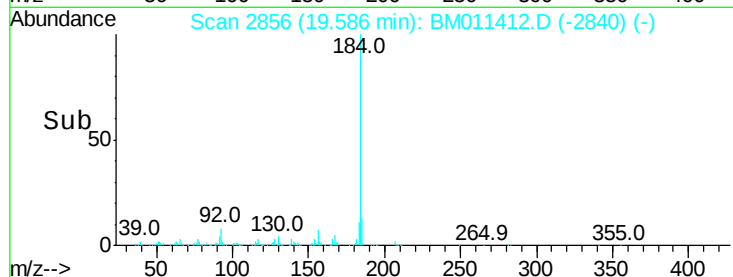
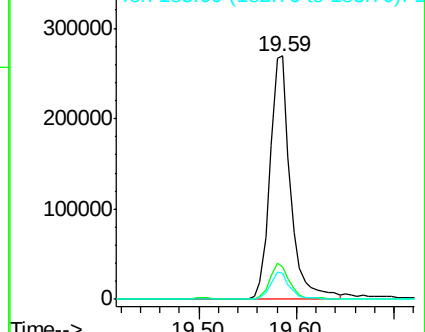
Ion	Ratio	Lower	Upper
184	100		
185	13.1	11.3	16.9
183	10.6	8.9	13.3



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: 88.173 ng

RT: 19.96 min Scan# 2920

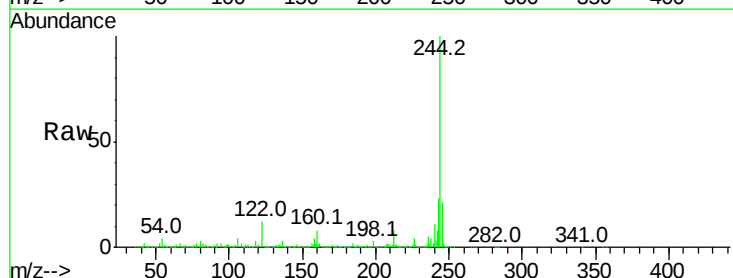
Delta R.T. -0.01 min

Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

Tgt Ion:244 Resp: 8313211

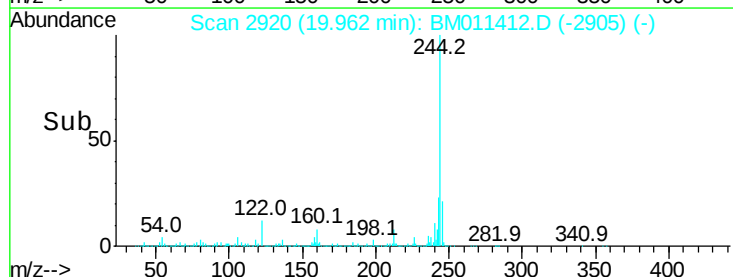
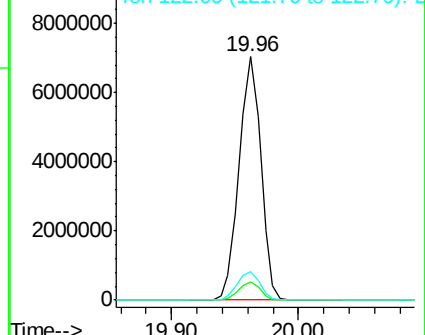
Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	12.0	6.2	9.4#

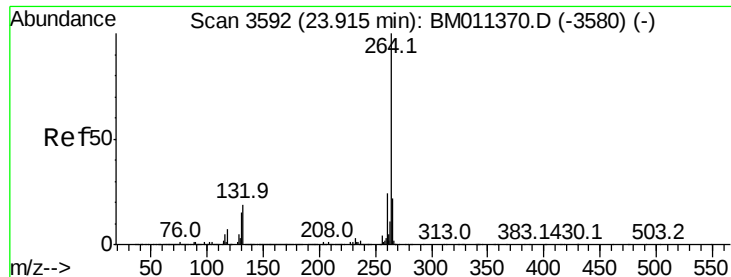


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



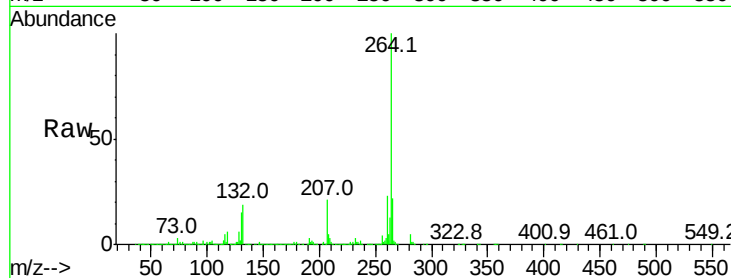


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BM011412.D
Acq: 02 Sep 2017 13:05

Instrument :
BNA_M
ClientSampleId :
TP-1-2-COMP

Tot Ion: 264 Resp: 2266967

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.9	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

