

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021318\
 Data File : BM014225.D
 Acq On : 13 Feb 2018 17:33
 Operator : SJ/JU
 Sample : J1518-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 14 04:17:23 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

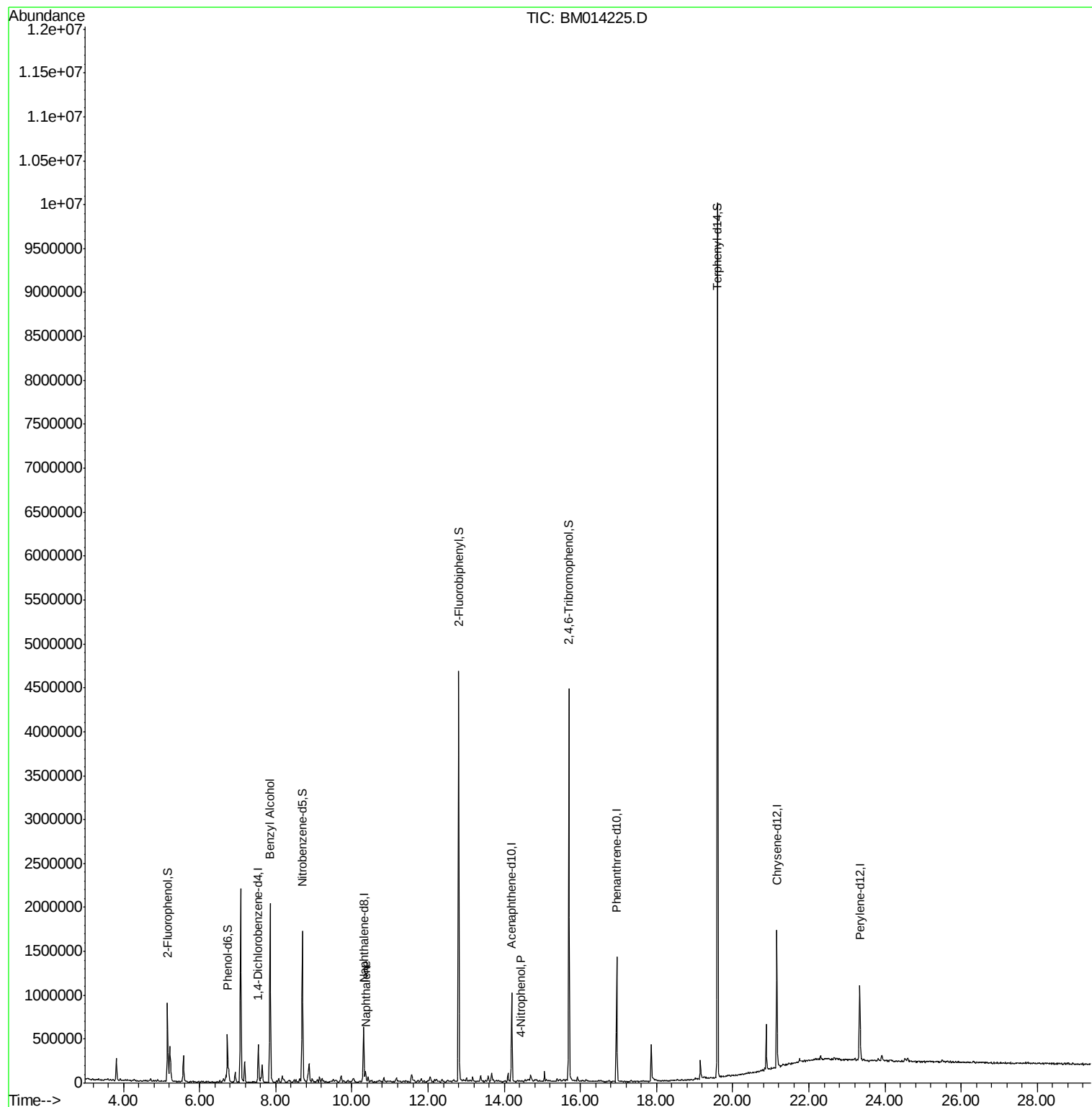
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	93512	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	417815	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	296140	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	745622	20.00	ng	0.00
75) Chrysene-d12	21.16	240	753395	20.00	ng	0.00
86) Perylene-d12	23.33	264	580569	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	320494	59.74	ng	0.00
7) Phenol-d6	6.73	99	253951	33.42	ng	-0.01
23) Nitrobenzene-d5	8.70	82	864346	92.40	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	585621	139.36	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	2040785	86.02	ng	0.00
78) Terphenyl-d14	19.60	244	4055728	105.19	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.85	79	16969	2.41	ng	# 33
31) Naphthalene	10.36	128	46088	2.01	ng	95
55) 4-Nitrophenol	14.43	139	117	5.82	ng	# 1

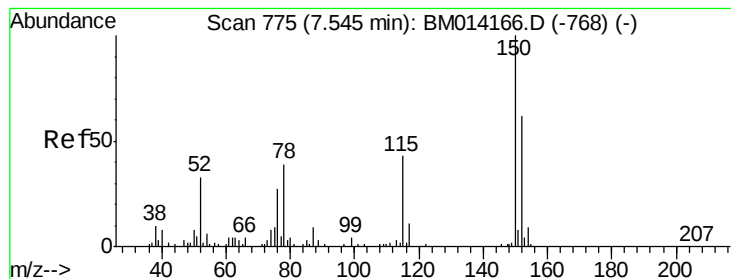
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 774

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

Instrument :

BNA_M

ClientSampled :

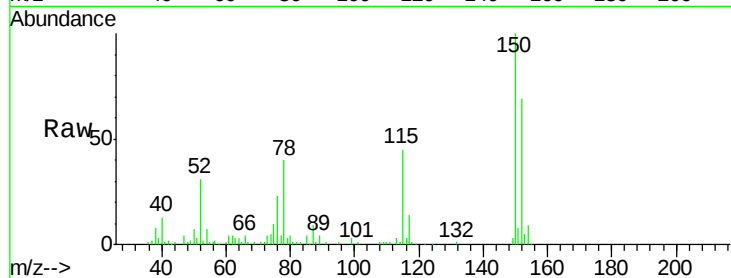
Tot Ion:152 Resp: 93512

Ion Ratio Lower Upper

152 100

150 144.0 119.5 179.3

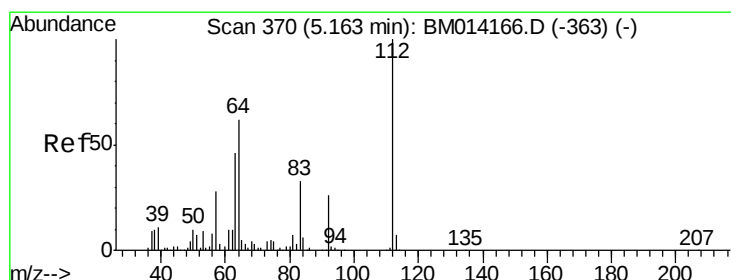
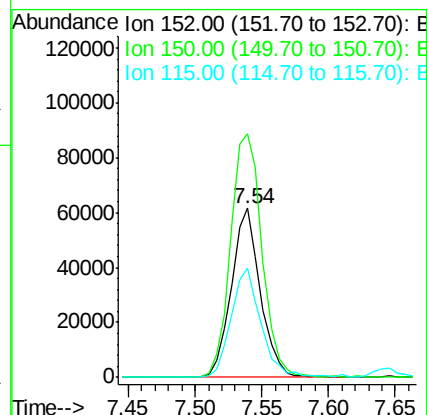
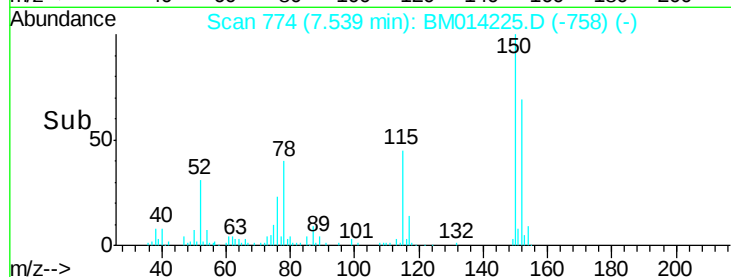
115 64.9 43.0 64.4#



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: 59.74 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

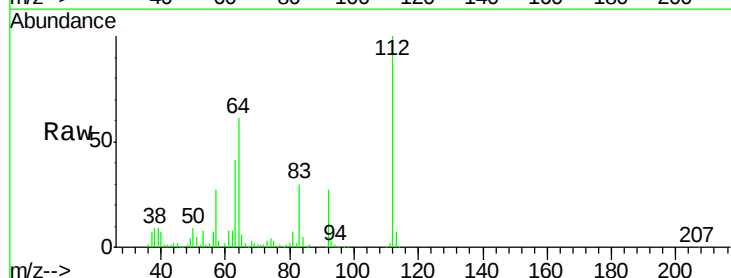
Tgt Ion:112 Resp: 320494

Ion Ratio Lower Upper

112 100

64 61.0 38.6 57.8#

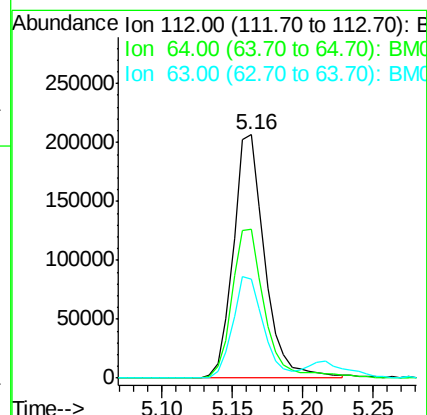
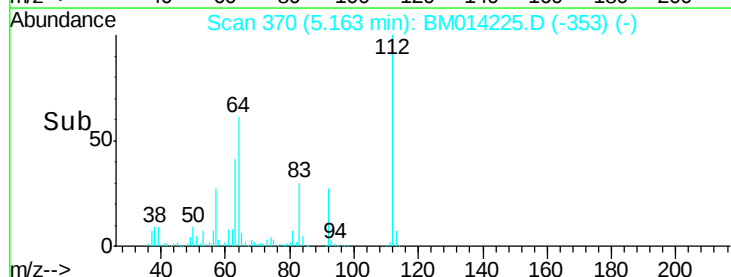
63 40.9 19.3 28.9#

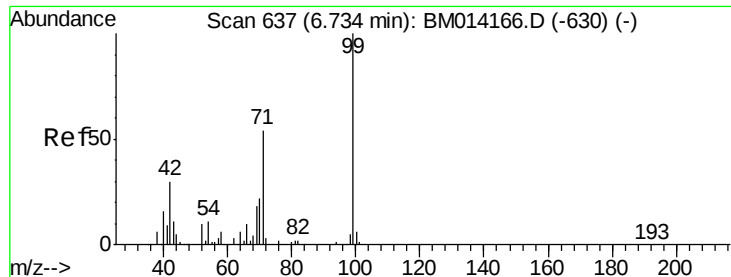


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 33.42 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

Instrument :

BNA_M

ClientSampleId :

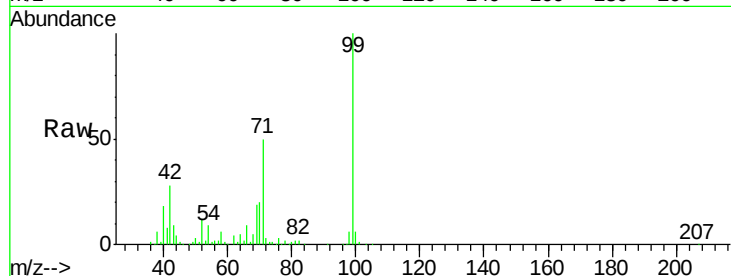
Tot Ion: 99 Resp: 253951

Ion Ratio Lower Upper

99 100

42 28.1 11.0 16.4#

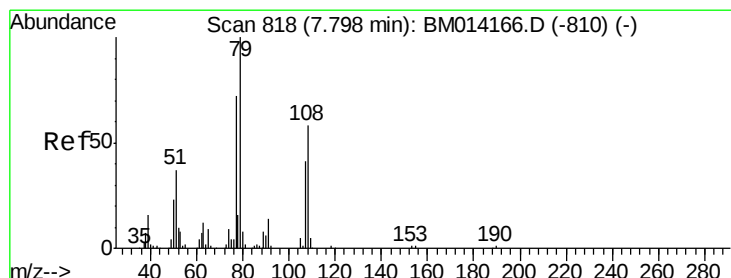
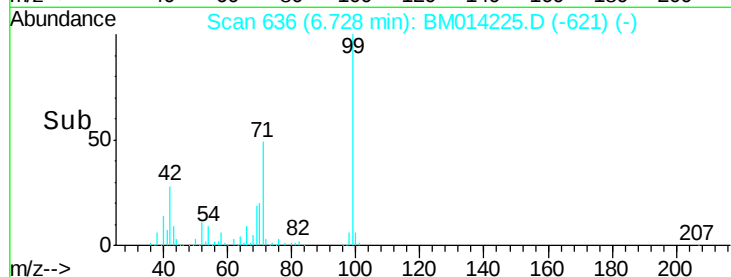
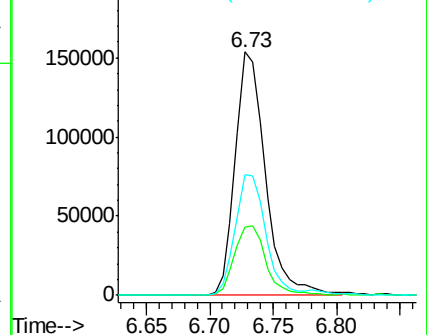
71 49.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014166.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014166.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014166.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.41 ng

RT: 7.85 min Scan# 827

Delta R.T. 0.05 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

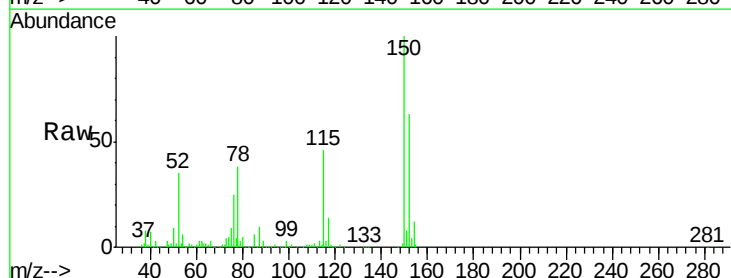
Tgt Ion: 79 Resp: 16969

Ion Ratio Lower Upper

79 100

108 50.3 65.0 97.4#

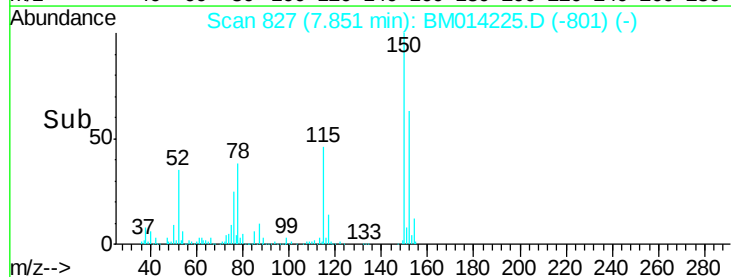
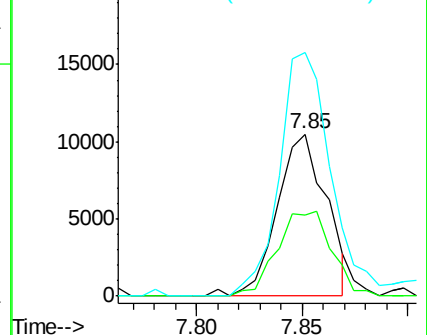
77 150.5 53.0 79.6#

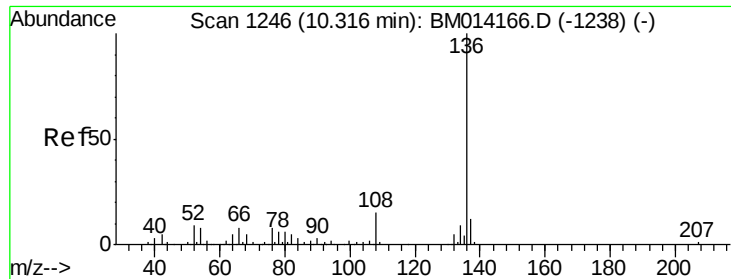


Abundance Ion 79.00 (78.70 to 79.70): BM014166.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM014166.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM014166.D (-810) (-)

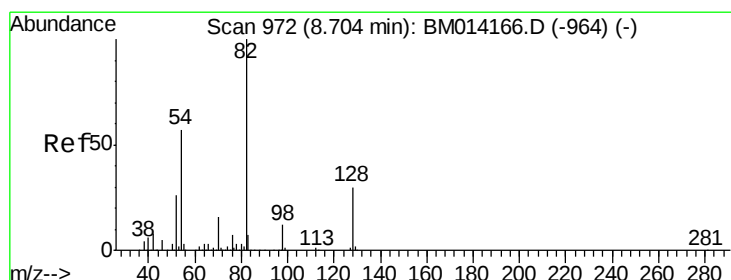
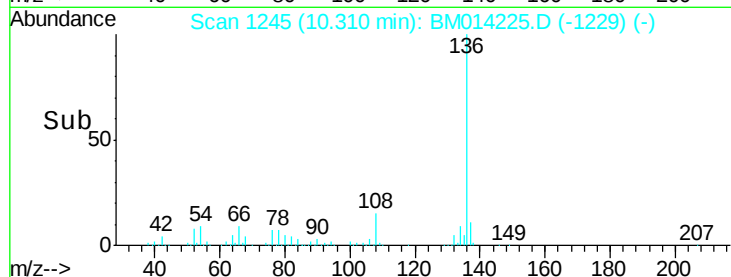
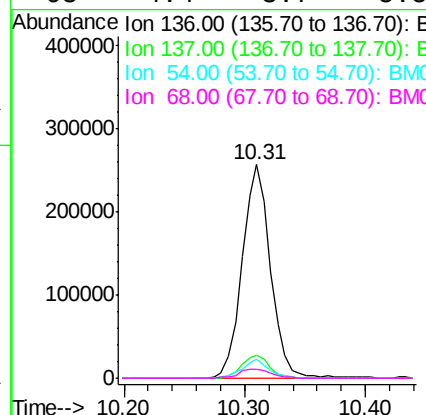
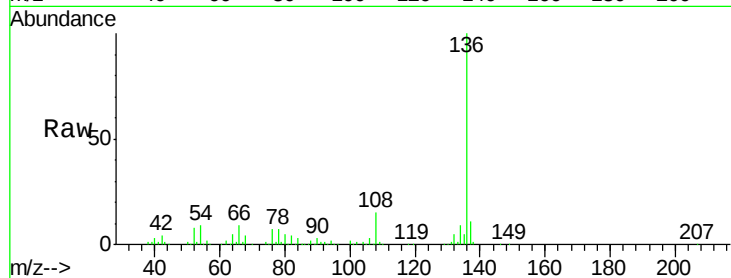




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

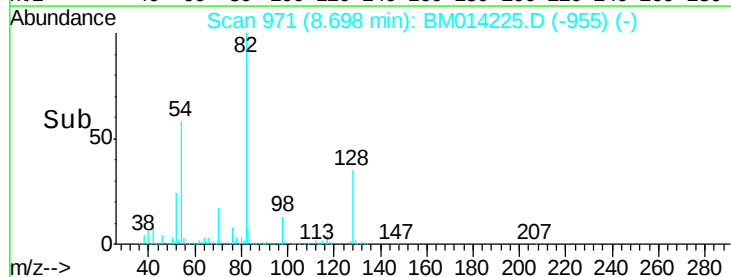
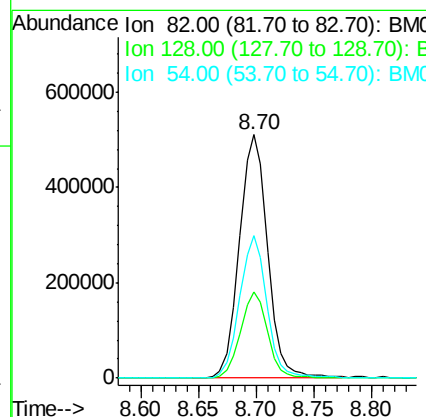
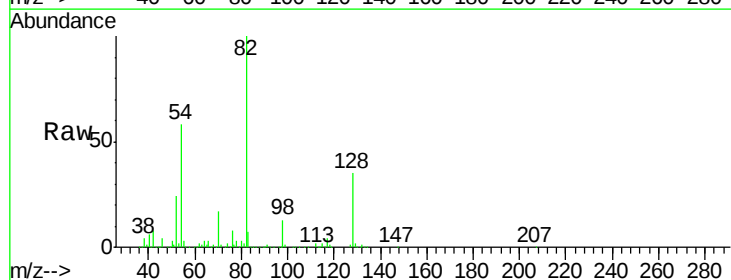
Instrument :
BNA_M
ClientSampleId :

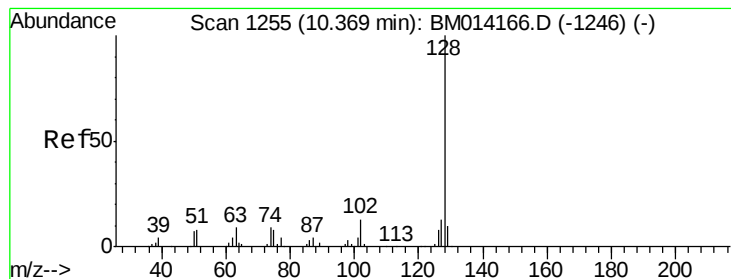
Tot Ion:136	Resp:	417815
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	8.7	4.6 6.8#
68	4.4	3.7 5.5



#23
Nitrobenzene-d5
Concen: 92.40 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Tgt Ion: 82	Resp:	864346
Ion Ratio	Lower	Upper
82	100	
128	35.4	32.8 49.2
54	58.3	40.6 60.8





#31

Naphthalene

Concen: 2.01 ng

RT: 10.36 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

Instrument :

BNA_M

ClientSampleId :

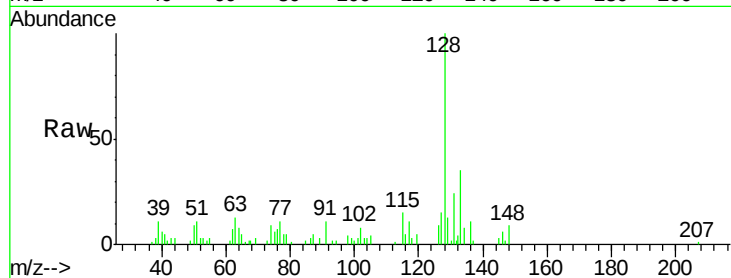
Tot Ion:128 Resp: 46088

Ion Ratio Lower Upper

128 100

129 13.3 8.9 13.3

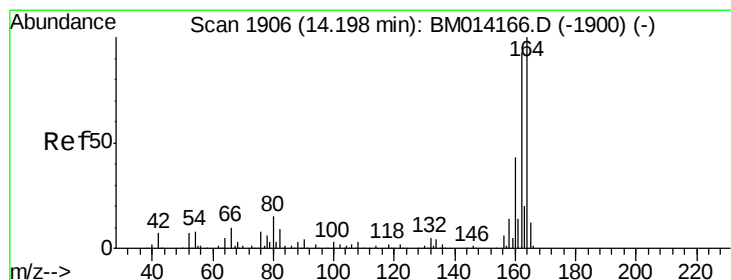
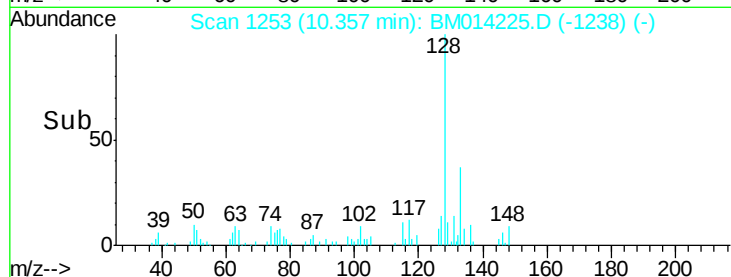
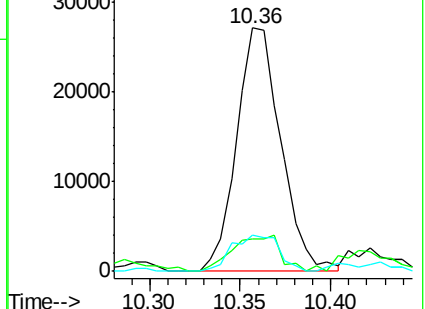
127 15.1 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

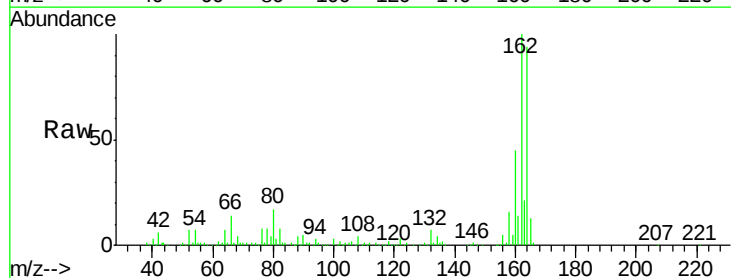
Tgt Ion:164 Resp: 296140

Ion Ratio Lower Upper

164 100

162 106.3 82.4 123.6

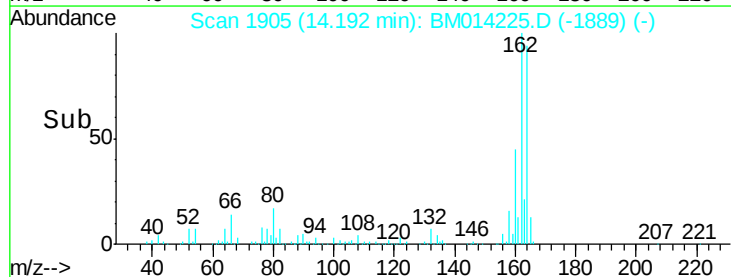
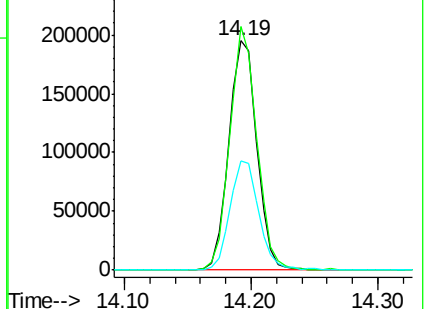
160 47.8 35.8 53.6

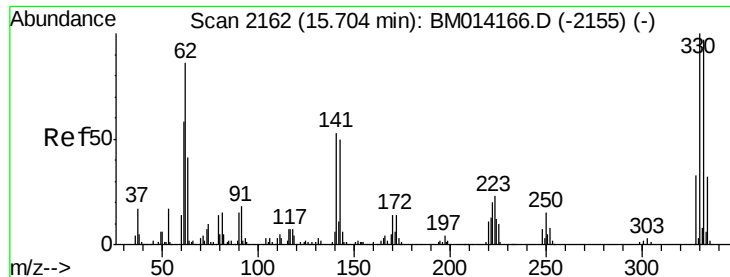


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

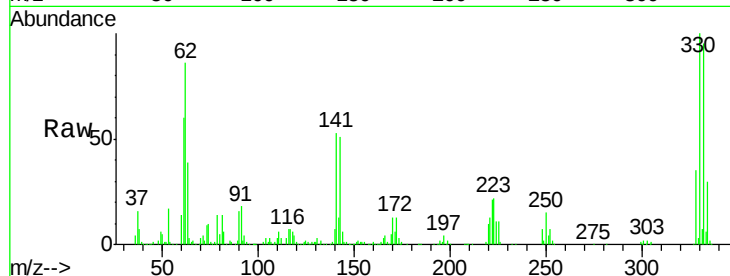




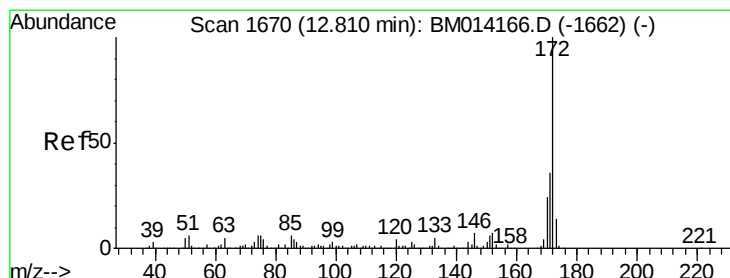
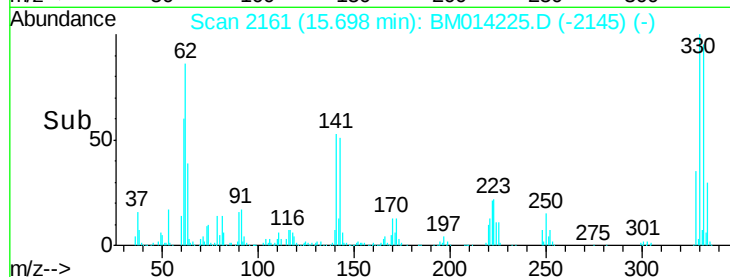
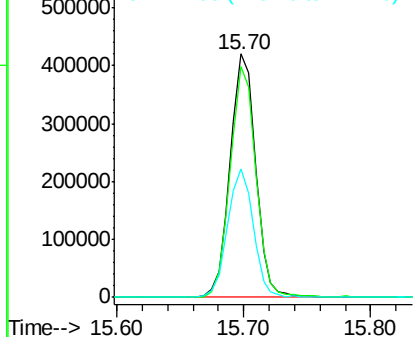
#41
 2,4,6-Tribromophenol
 Concen: 139.36 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM014225.D
 Acq: 13 Feb 2018 17:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 585621
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 53.4 0.0 0.0#

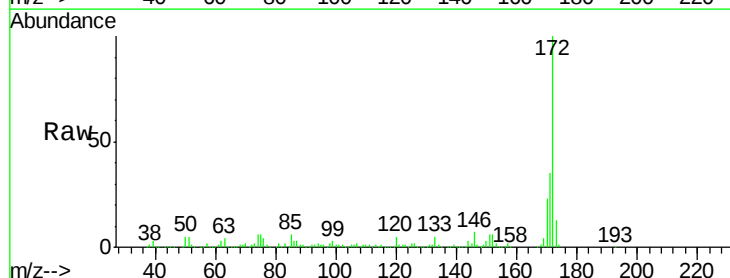


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

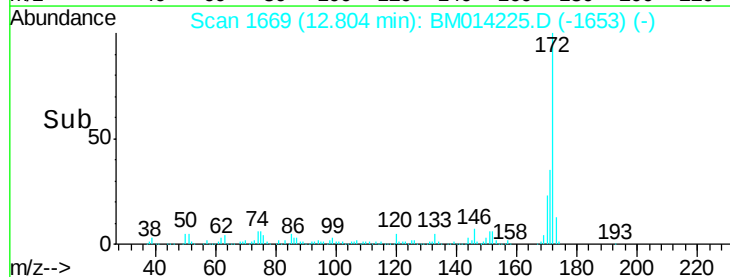
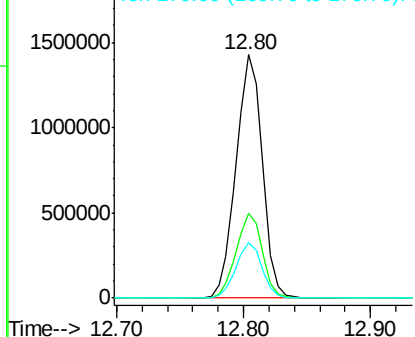


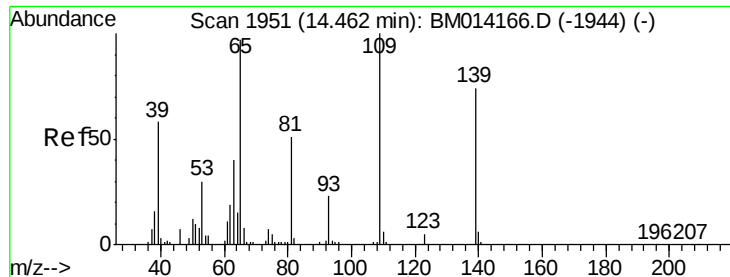
#44
 2-Fluorobiphenyl
 Concen: 86.02 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM014225.D
 Acq: 13 Feb 2018 17:33

Tgt Ion:172 Resp: 2040785
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.0 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

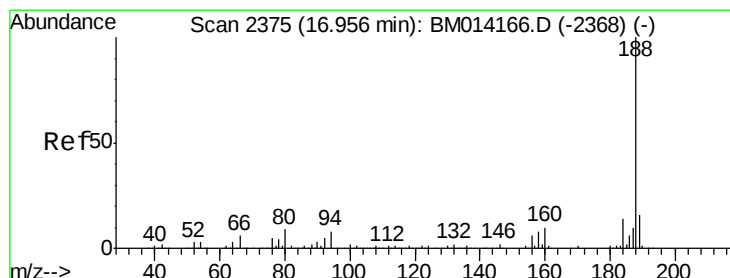
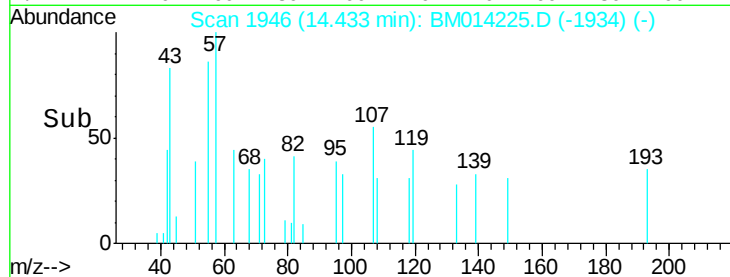
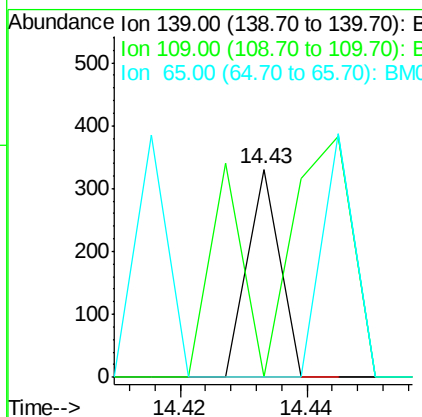
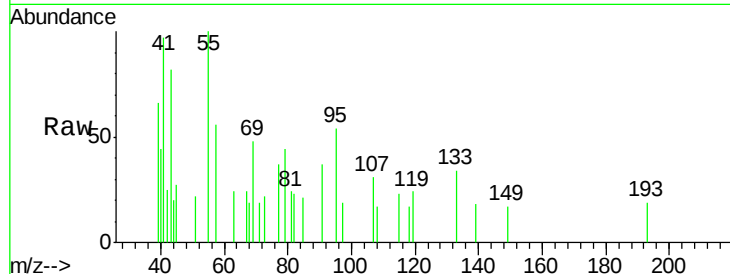




#55
4-Nitrophenol
Concen: 5.82 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.03 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

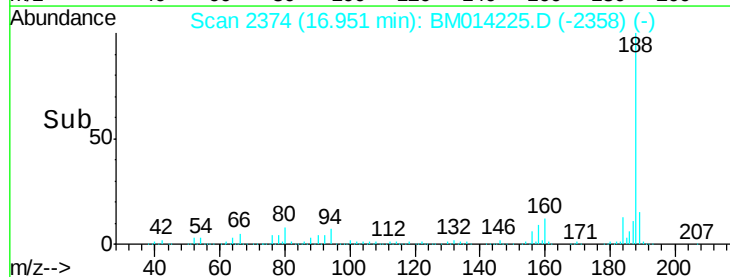
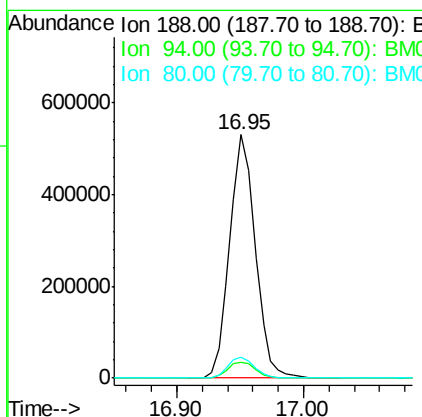
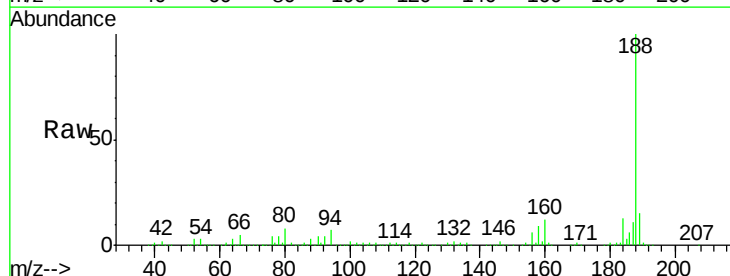
Instrument :
BNA_M
ClientSampled :

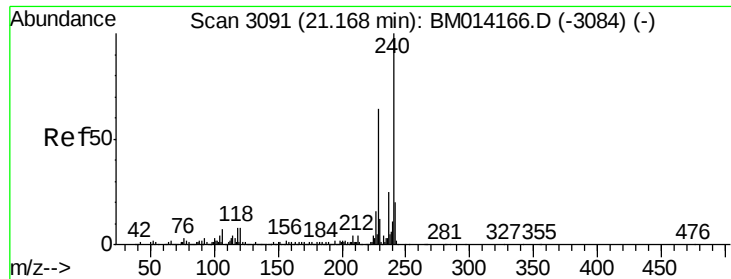
Tot Ion:139 Resp: 117
Ion Ratio Lower Upper
139 100
109 0.0 130.0 170.0#
65 0.0 130.0 170.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Tgt Ion:188 Resp: 745622
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 8.3 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

Instrument :

BNA_M

ClientSampleId :

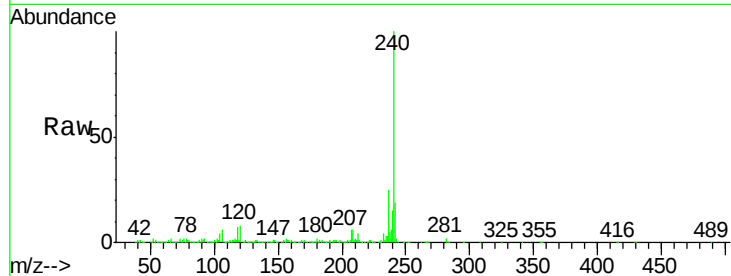
Tot Ion:240 Resp: 753395

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

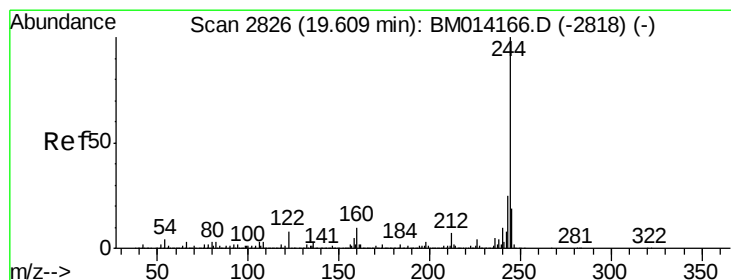
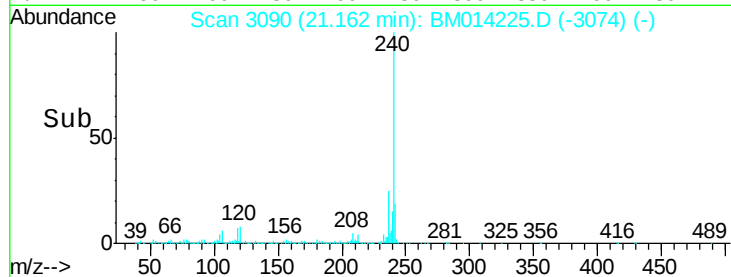
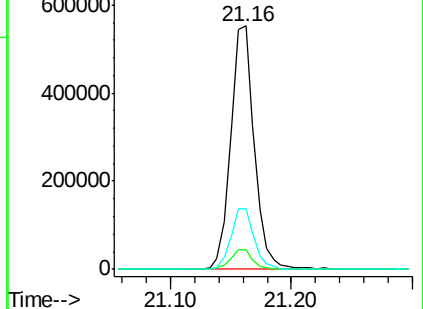
236 24.7 20.0 30.0



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



#78

Terphenyl-d14

Concen: 105.19 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

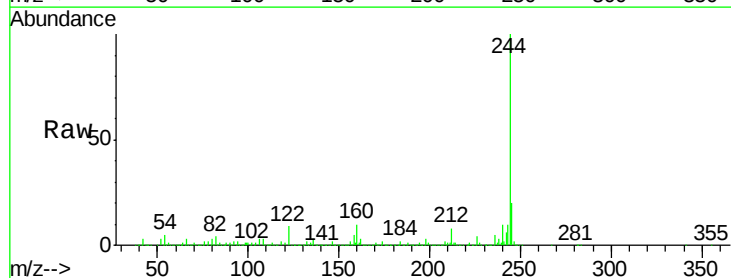
Tgt Ion:244 Resp: 4055728

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

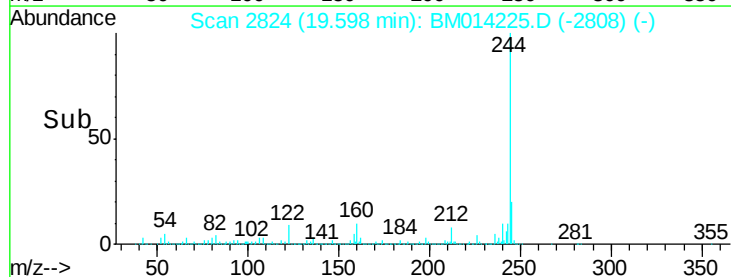
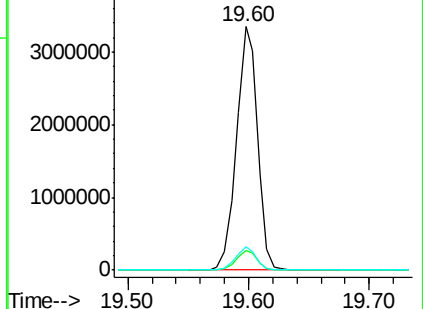
122 9.4 6.2 9.4#

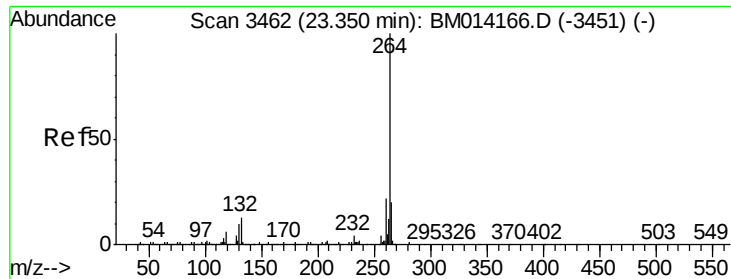


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

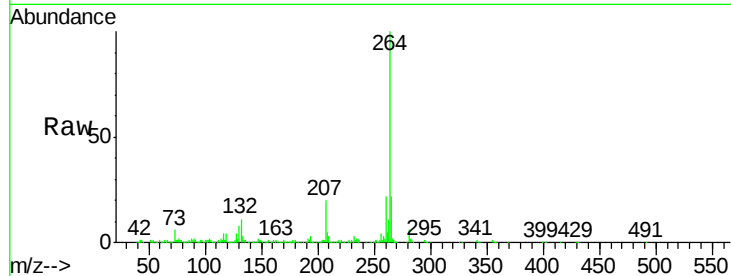




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.33 min Scan# 3459
 Delta R.T. -0.01 min
 Lab File: BM014225.D
 Acq: 13 Feb 2018 17:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	27.8
265	22.3	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

