

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
 Data File : BF077018.D
 Acq On : 22 Jan 2015 18:30
 Operator : TP/IZ
 Sample : G1136-06
 Misc : S
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 00:55:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 00:19:18 2015
 Response via : Initial Calibration

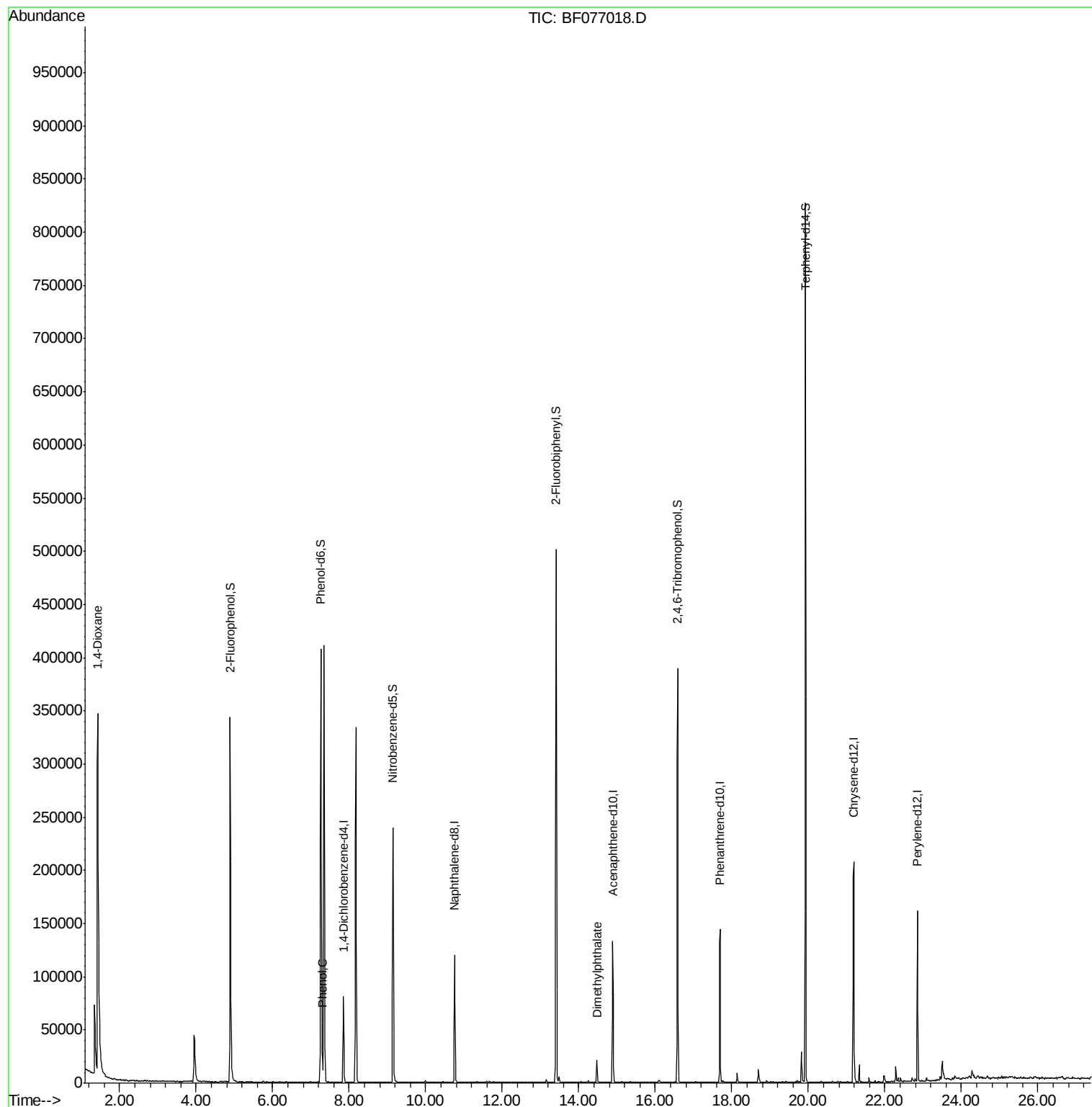
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	22876	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	94174	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	52343	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	86673	20.00	ng	0.00
75) Chrysene-d12	21.19	240	83395	20.00	ng	0.00
86) Perylene-d12	22.85	264	74817	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	182675	131.29	ng	0.00
7) Phenol-d6	7.26	99	242847	138.36	ng	0.00
23) Nitrobenzene-d5	9.14	82	148102	87.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	60210	141.71	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	301389	87.63	ng	-0.01
78) Terphenyl-d14	19.92	244	315758	87.17	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.43	88	18199	30.55	ng	# 12
10) Phenol	7.29	94	8441	4.53	ng	79
49) Dimethylphthalate	14.48	163	18988	5.12	ng	# 96

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

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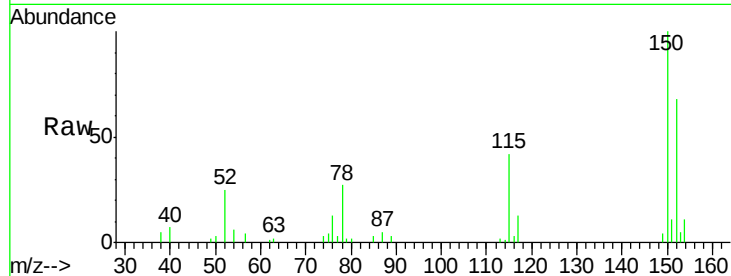


#1

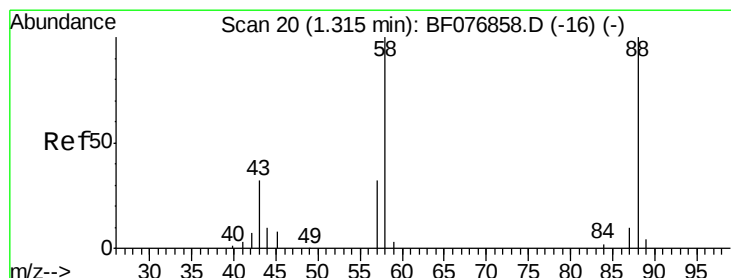
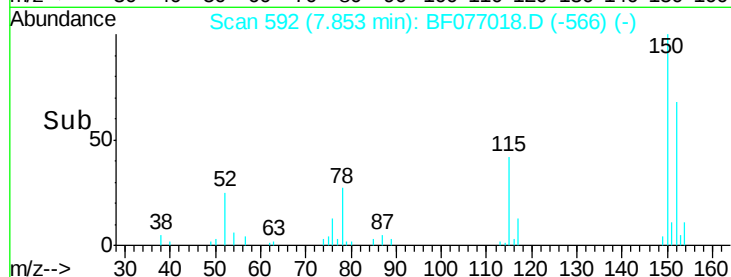
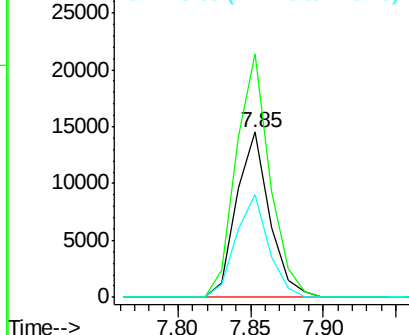
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF077018.D
Acq: 22 Jan 2015 18:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 22876
Ion Ratio Lower Upper
152 100
150 147.4 121.7 182.5
115 62.6 47.0 70.6



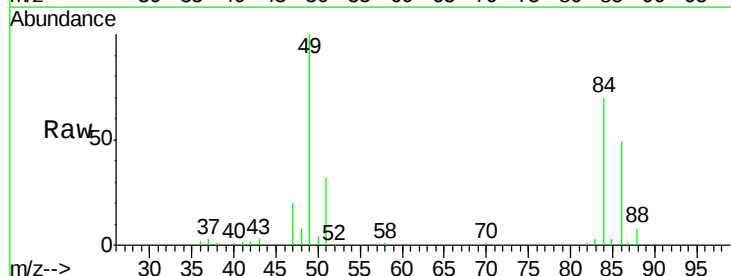
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



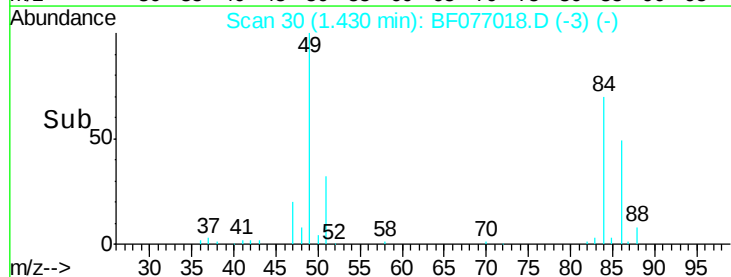
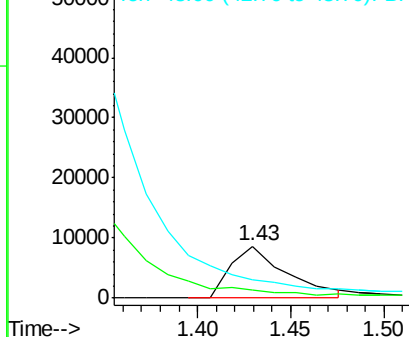
#2

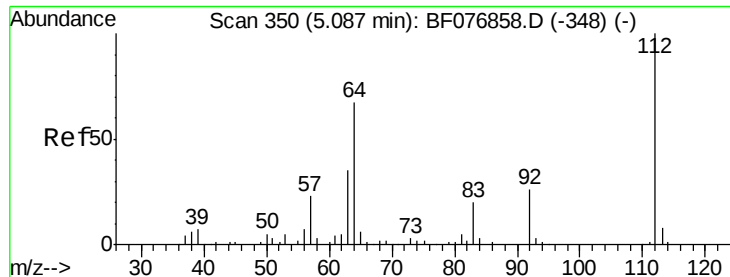
1,4-Dioxane
Concen: 30.55 ng
RT: 1.43 min Scan# 30
Delta R.T. 0.21 min
Lab File: BF077018.D
Acq: 22 Jan 2015 18:30

Tgt Ion: 88 Resp: 18199
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 131.29 ng

RT: 4.89 min Scan# 333

Delta R.T. -0.00 min

Lab File: BF077018.D

Acq: 22 Jan 2015 18:30

Instrument :

BNA_F

ClientSampled :

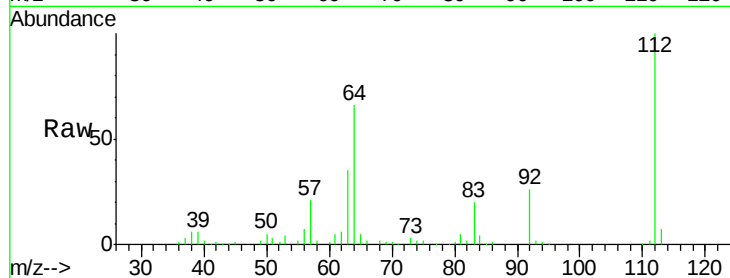
Tot Ion: 112 Resp: 182675

Ion Ratio Lower Upper

112 100

64 66.3 54.2 81.4

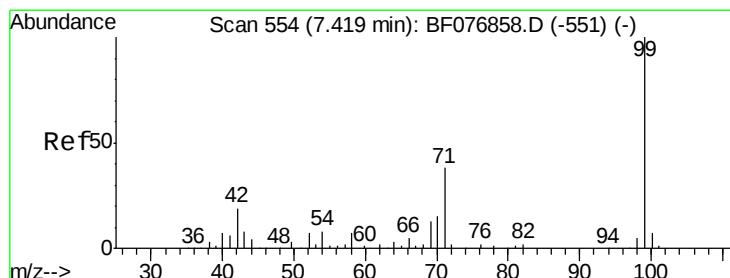
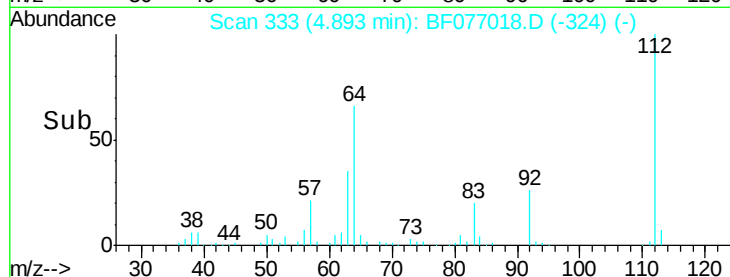
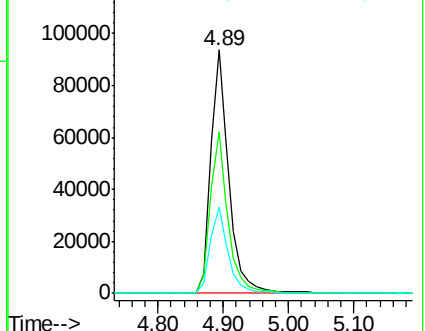
63 35.1 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 138.36 ng

RT: 7.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF077018.D

Acq: 22 Jan 2015 18:30

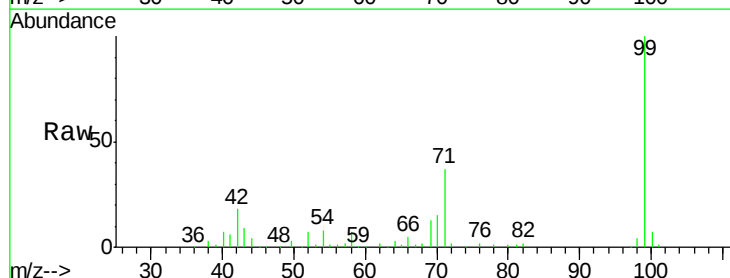
Tgt Ion: 99 Resp: 242847

Ion Ratio Lower Upper

99 100

42 17.8 15.0 22.4

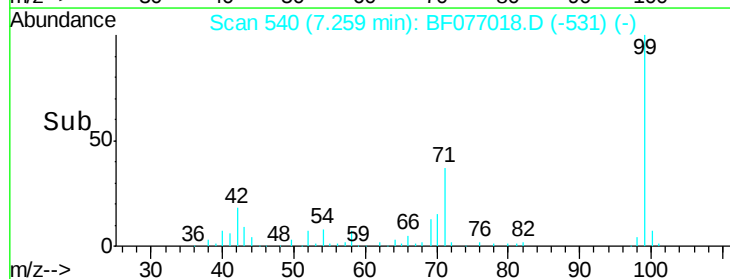
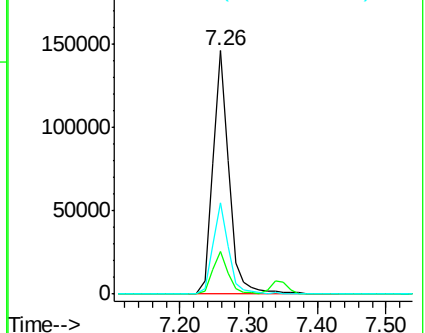
71 37.5 30.5 45.7

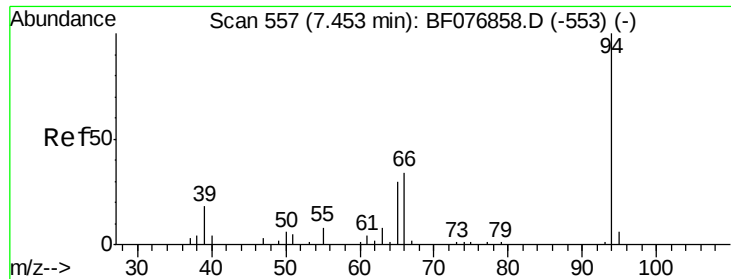


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 4.53 ng

RT: 7.29 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF077018.D

Acq: 22 Jan 2015 18:30

Instrument :

BNA_F

ClientSampleId :

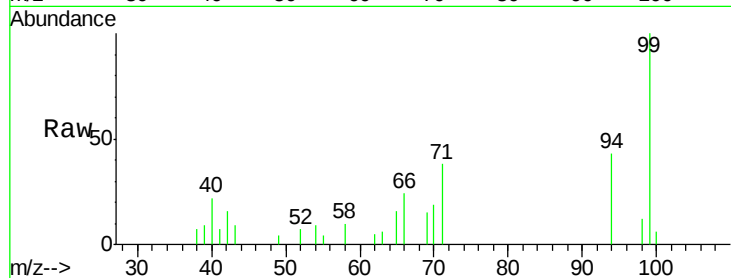
Tot Ion: 94 Resp: 8441

Ion Ratio Lower Upper

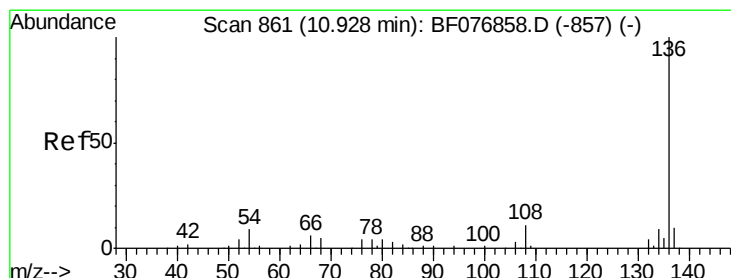
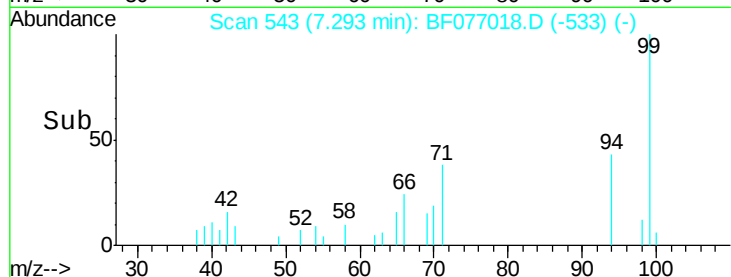
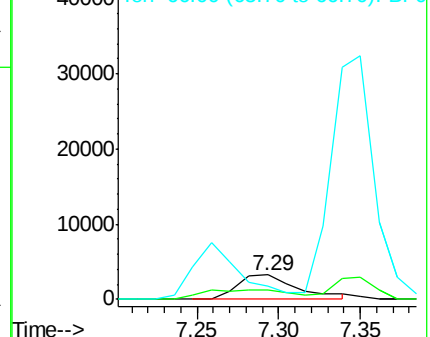
94 100

65 38.2 11.3 51.3

66 56.4 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF077018.D

Acq: 22 Jan 2015 18:30

Tgt Ion: 136 Resp: 94174

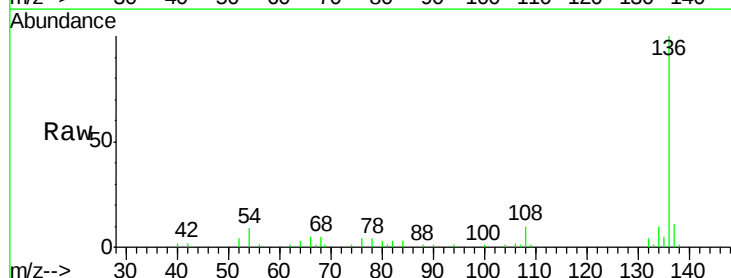
Ion Ratio Lower Upper

136 100

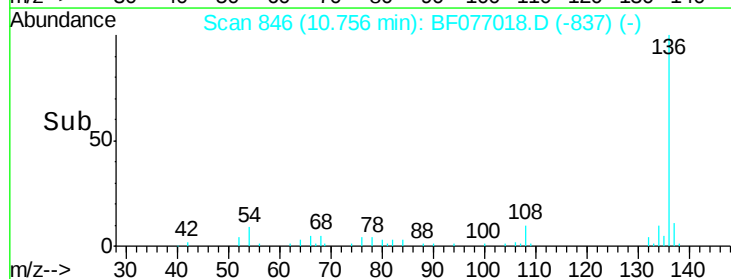
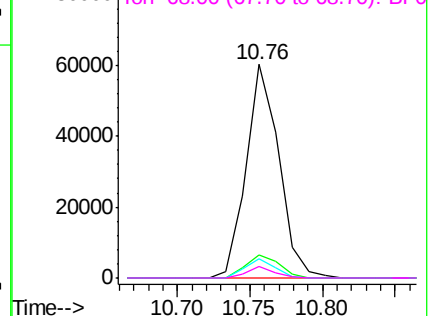
137 10.9 8.1 12.1

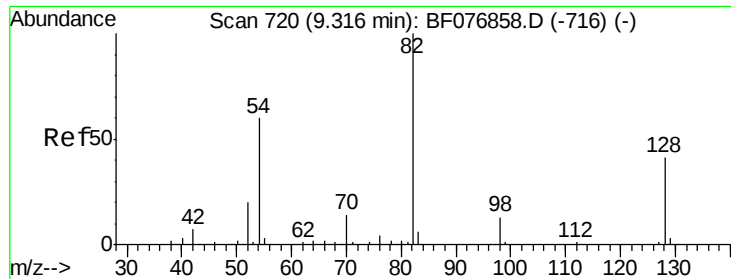
54 8.7 7.0 10.4

68 5.9 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

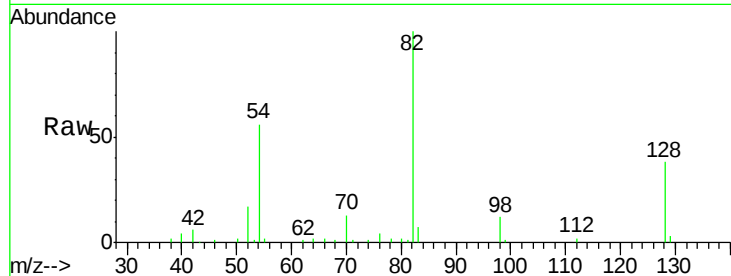




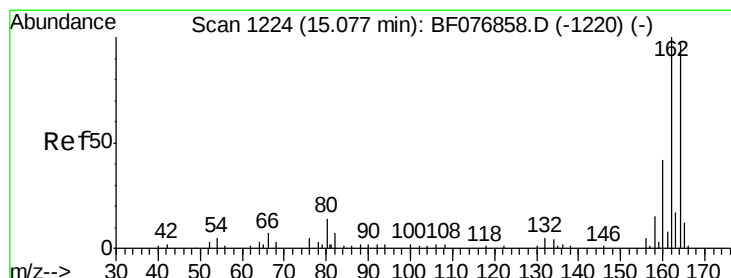
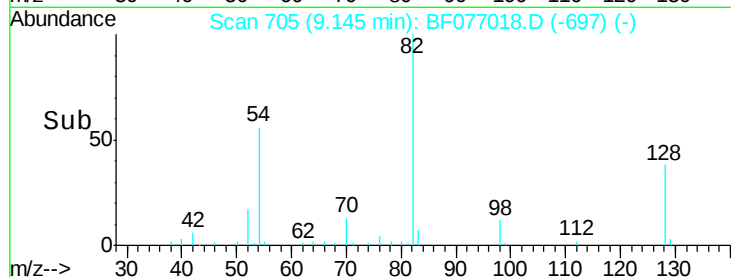
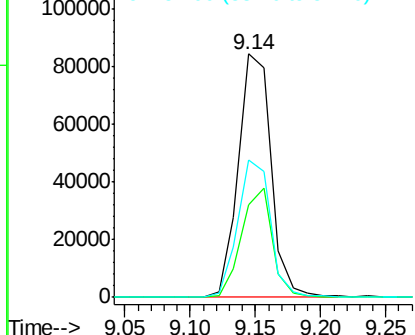
#23
 Nitrobenzene-d5
 Concen: 87.13 ng
 RT: 9.14 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077018.D
 Acq: 22 Jan 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 148102
 Ion Ratio Lower Upper
 82 100
 128 37.8 33.1 49.7
 54 56.3 48.3 72.5

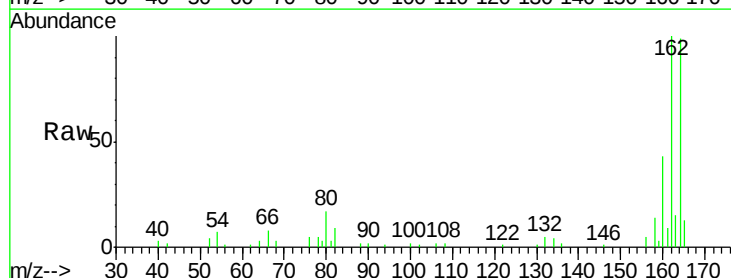


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

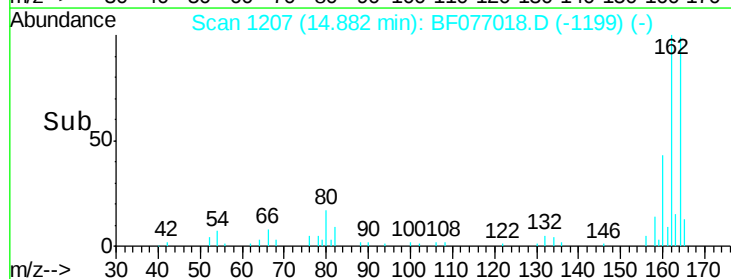
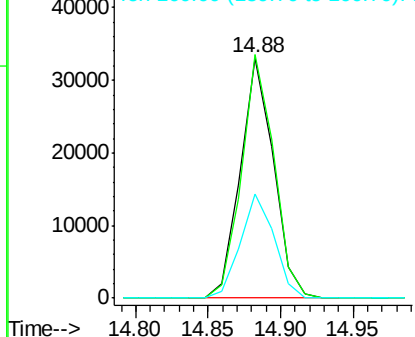


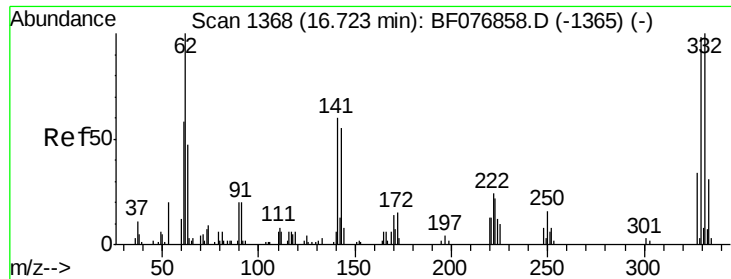
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF077018.D
 Acq: 22 Jan 2015 18:30

Tgt Ion:164 Resp: 52343
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.4 123.6
 160 43.3 34.8 52.2



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: 141.71 ng

RT: 16.59 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF077018.D

Acq: 22 Jan 2015 18:30

Instrument :

BNA_F

ClientSampleId :

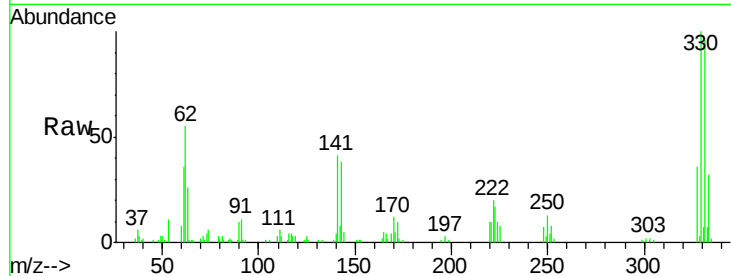
Tot Ion:330 Resp: 60210

Ion Ratio Lower Upper

330 100

332 97.6 77.8 116.6

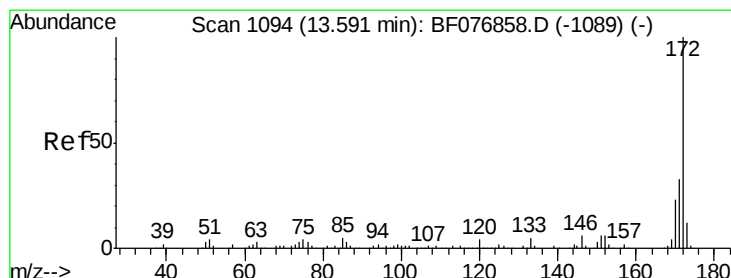
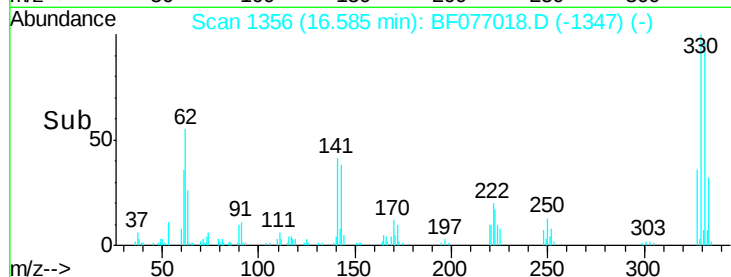
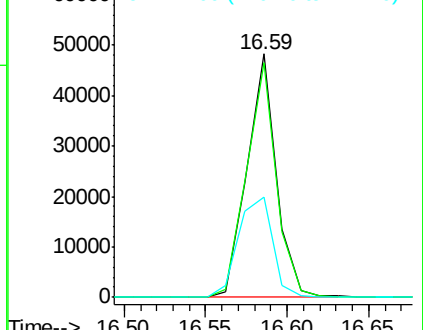
141 48.3 38.5 57.7



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: 87.63 ng

RT: 13.41 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF077018.D

Acq: 22 Jan 2015 18:30

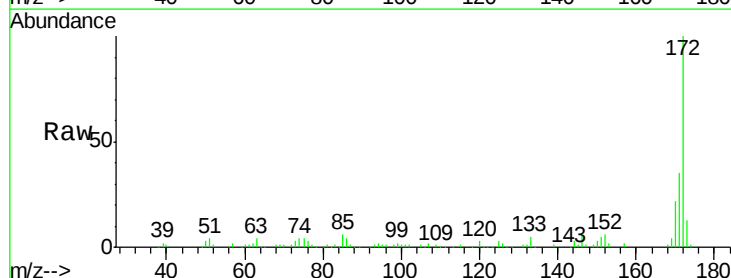
Tgt Ion:172 Resp: 301389

Ion Ratio Lower Upper

172 100

171 34.7 26.6 40.0

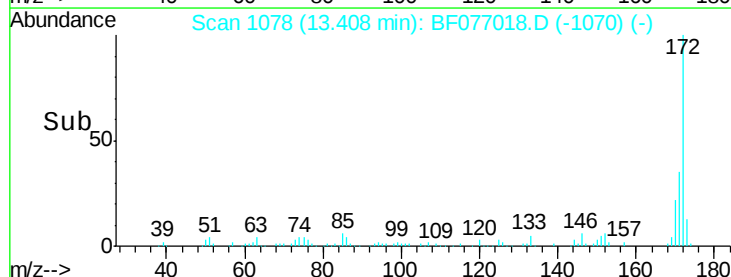
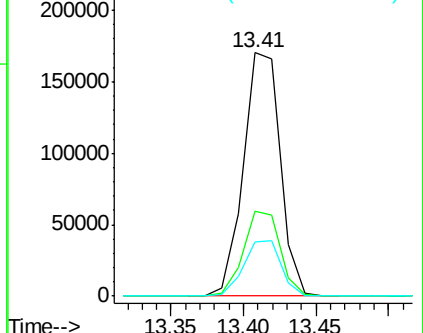
170 22.2 18.0 27.0

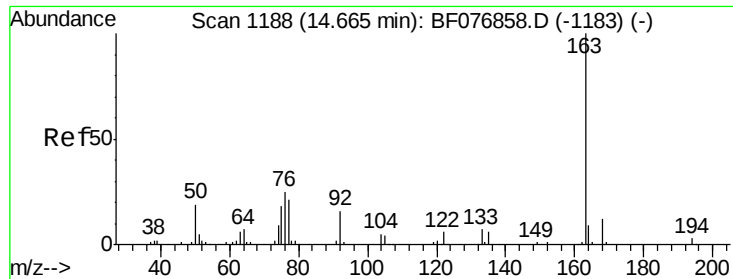


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

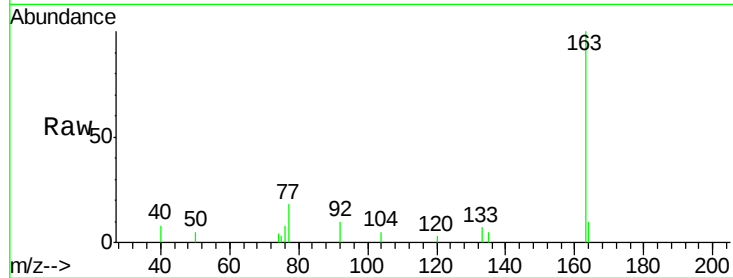




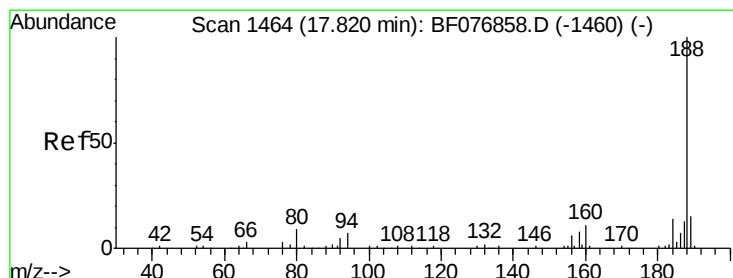
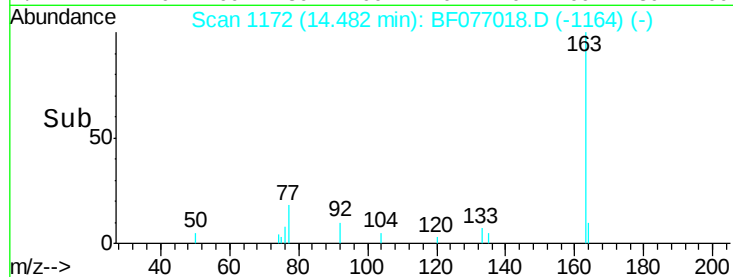
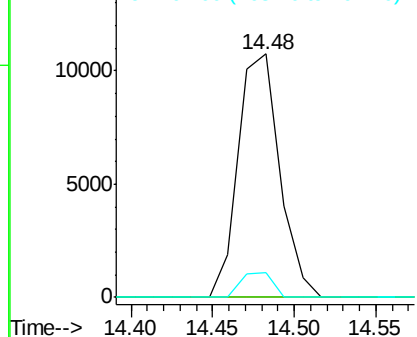
#49
Dimethylphthalate
Concen: 5.12 ng
RT: 14.48 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF077018.D
Acq: 22 Jan 2015 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 18988
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 9.9 7.5 11.3

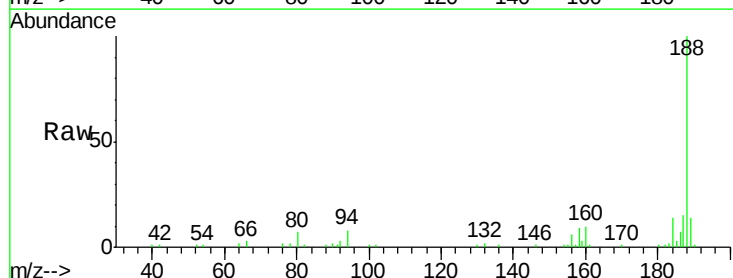


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

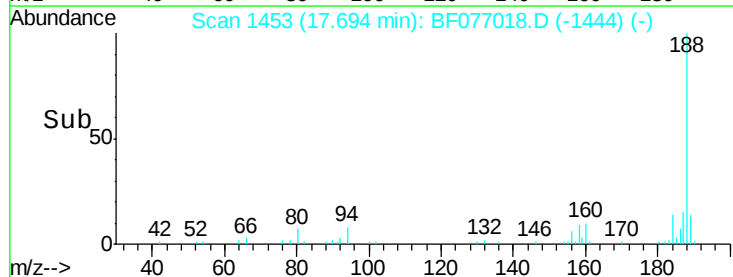
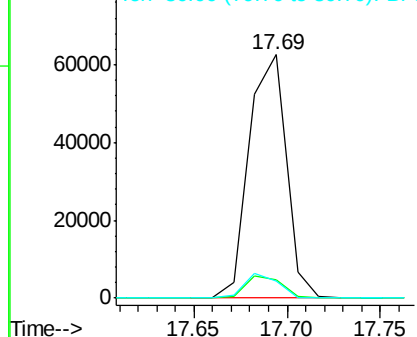


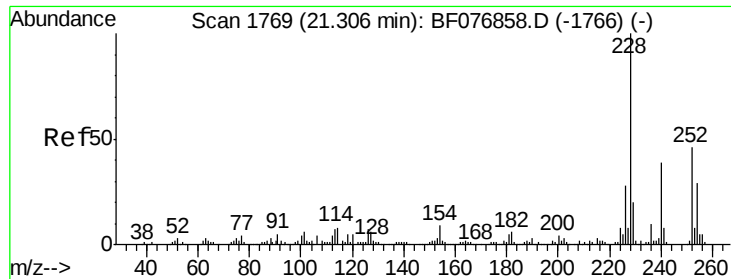
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.69 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF077018.D
Acq: 22 Jan 2015 18:30

Tgt Ion:188 Resp: 86673
Ion Ratio Lower Upper
188 100
94 7.7 6.0 9.0
80 6.8 6.9 10.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

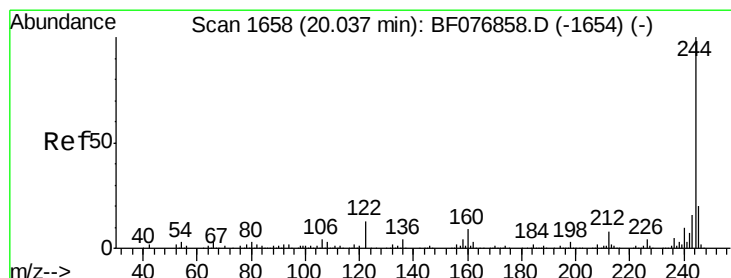
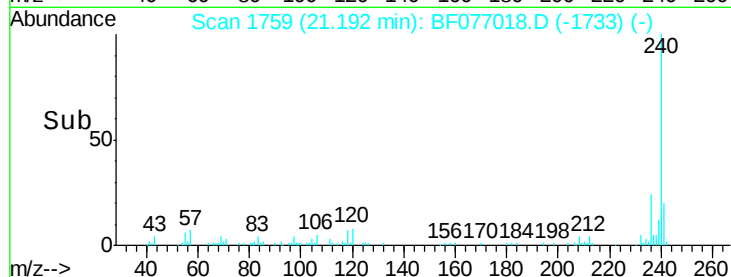
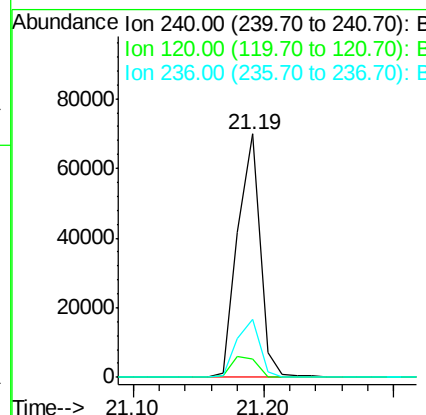
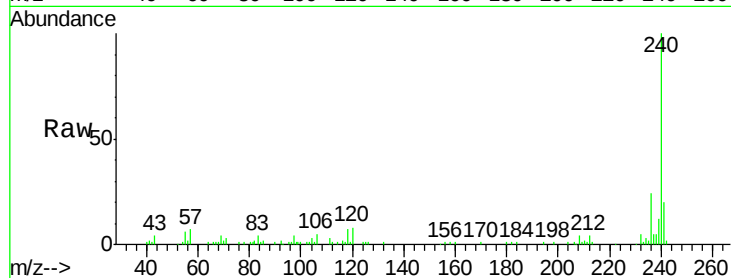




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.19 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BF077018.D
Acq: 22 Jan 2015 18:30

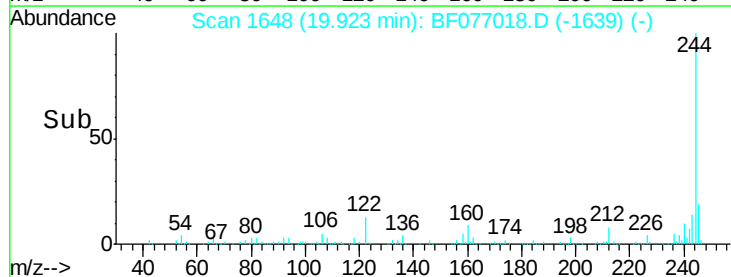
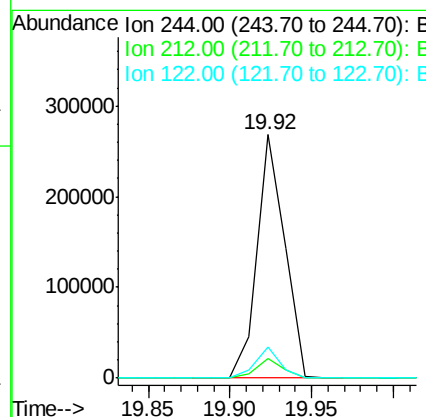
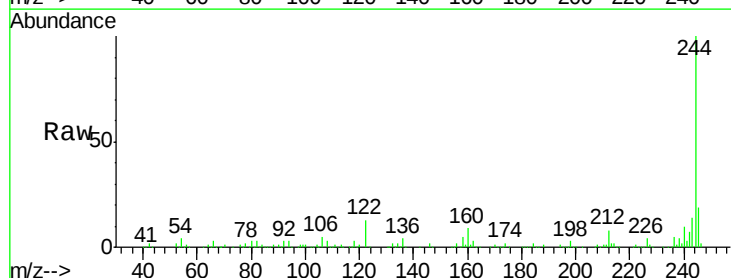
Instrument :
BNA_F
ClientSampleId :

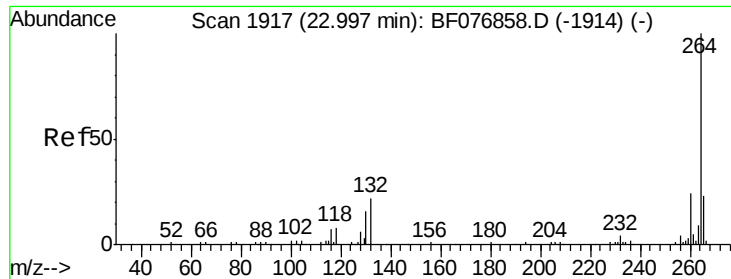
Tot Ion:240 Resp: 83395
Ion Ratio Lower Upper
240 100
120 7.7 10.4 15.6#
236 23.6 20.2 30.2



#78
Terphenyl-d14
Concen: 87.17 ng
RT: 19.92 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BF077018.D
Acq: 22 Jan 2015 18:30

Tgt Ion:244 Resp: 315758
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 13.0 10.1 15.1

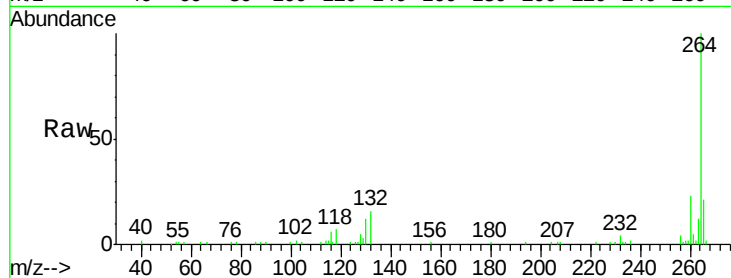




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.85 min Scan# 1904
 Delta R.T. -0.03 min
 Lab File: BF077018.D
 Acq: 22 Jan 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 74817
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.3 18.1 27.1



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

