

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
 Data File : BF077017.D
 Acq On : 22 Jan 2015 17:56
 Operator : TP/IZ
 Sample : G1136-04
 Misc : S
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 00:49:35 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

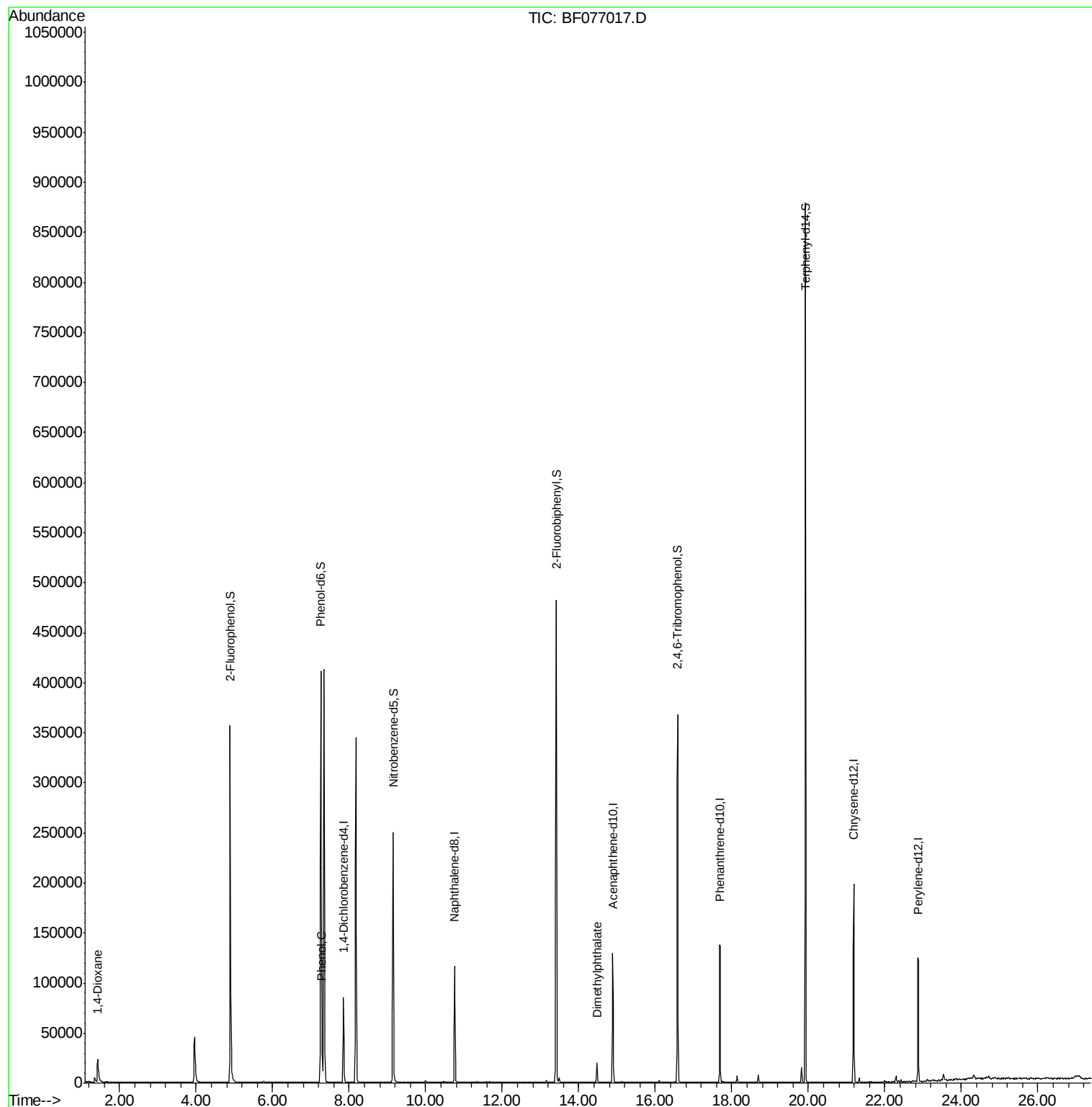
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	22947	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	94557	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	49329	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	85750	20.00	ng	0.00
75) Chrysene-d12	21.19	240	83076	20.00	ng	0.00
86) Perylene-d12	22.87	264	75195	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	188897	135.34	ng	0.00
7) Phenol-d6	7.26	99	240279	136.47	ng	0.00
23) Nitrobenzene-d5	9.16	82	146477	85.82	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	57306	143.12	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	298980	92.24	ng	0.00
78) Terphenyl-d14	19.92	244	316753	87.78	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.43	88	1249	2.09	ng	# 12
10) Phenol	7.28	94	8372	4.48	ng	# 71
49) Dimethylphthalate	14.48	163	16970	4.85	ng	97

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

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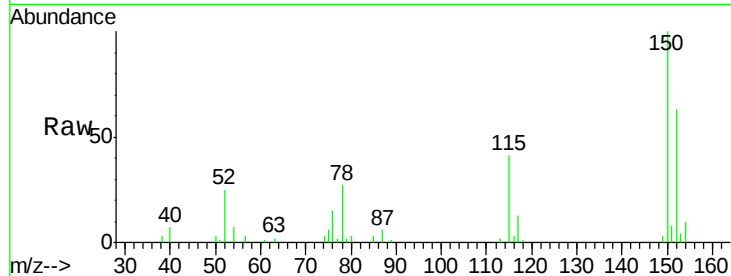


#1

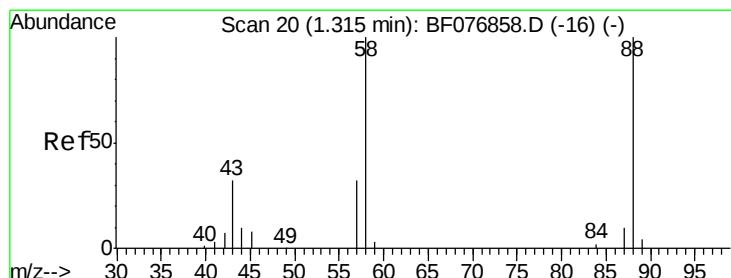
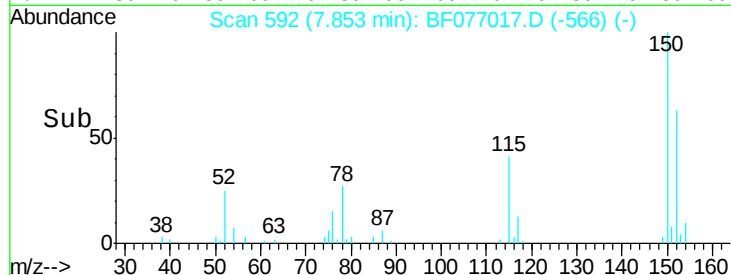
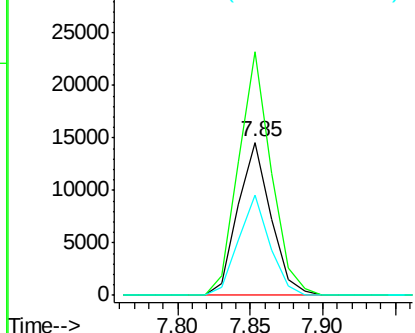
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077017.D
Acq: 22 Jan 2015 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 22947
Ion Ratio Lower Upper
152 100
150 158.8 121.7 182.5
115 65.4 47.0 70.6



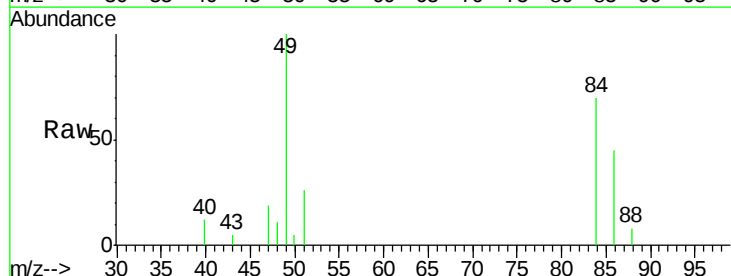
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



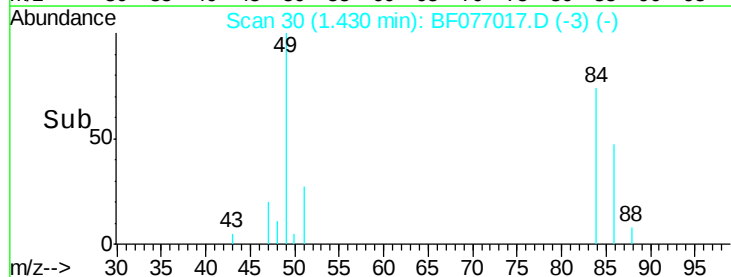
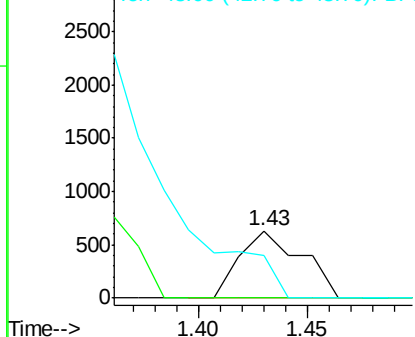
#2

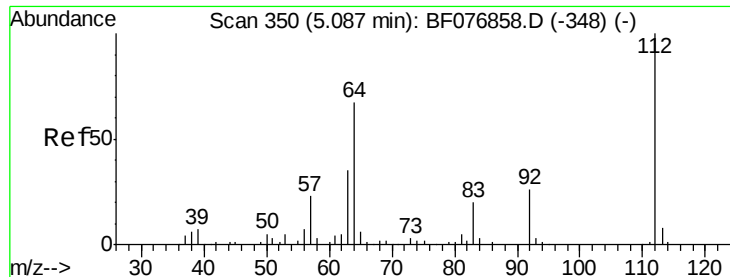
1,4-Dioxane
Concen: 2.09 ng
RT: 1.43 min Scan# 30
Delta R.T. 0.21 min
Lab File: BF077017.D
Acq: 22 Jan 2015 17:56

Tgt Ion: 88 Resp: 1249
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: 135.34 ng

RT: 4.89 min Scan# 333

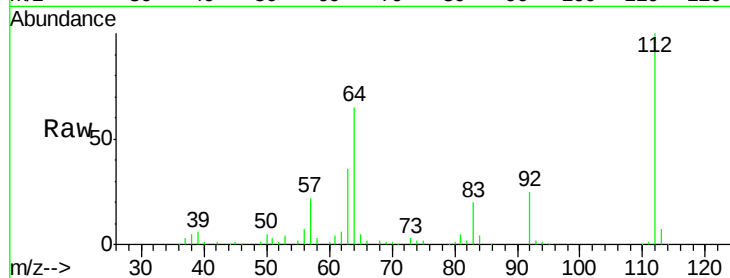
Delta R.T. 0.00 min

Lab File: BF077017.D

Acq: 22 Jan 2015 17:56

Instrument :
BNA_F
ClientSampleId :

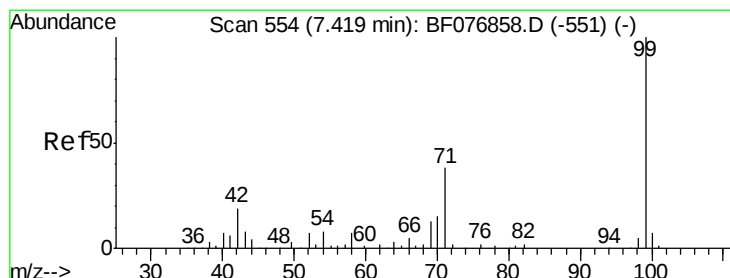
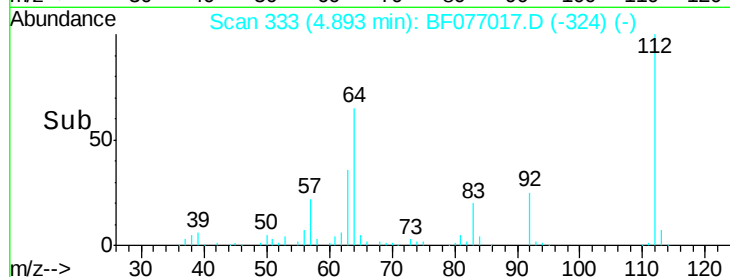
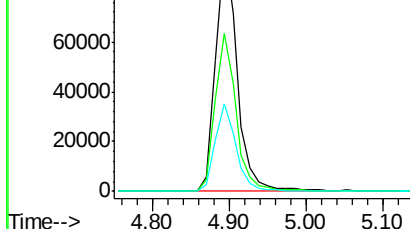
Tot Ion:	112	Resp:	188897
Ion	Ratio	Lower	Upper
112	100		
64	64.8	54.2	81.4
63	36.1	28.4	42.6



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: 136.47 ng

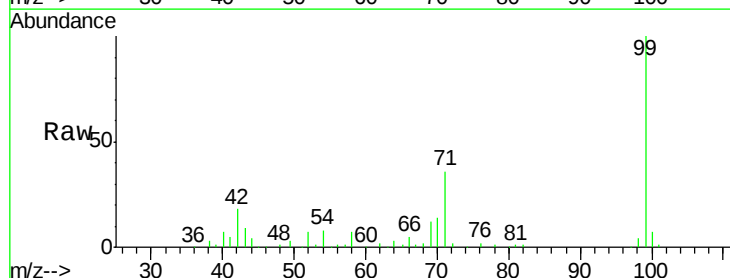
RT: 7.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077017.D

Acq: 22 Jan 2015 17:56

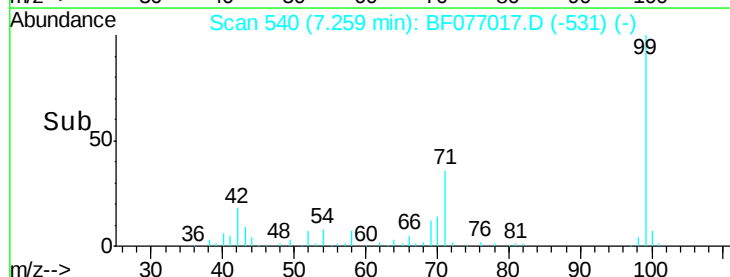
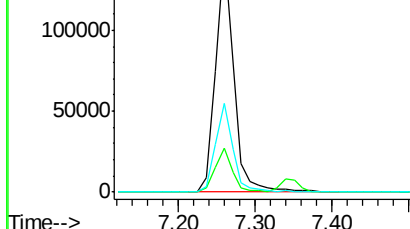
Tgt Ion:	99	Resp:	240279
Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.4
71	36.4	30.5	45.7

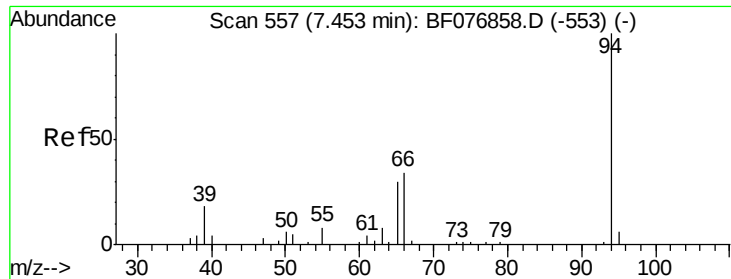


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

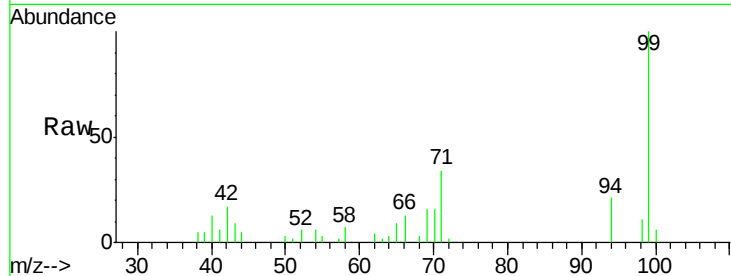




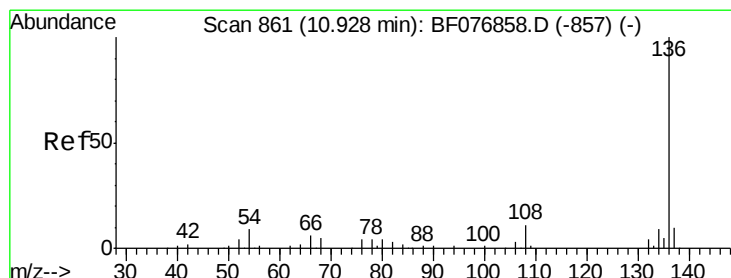
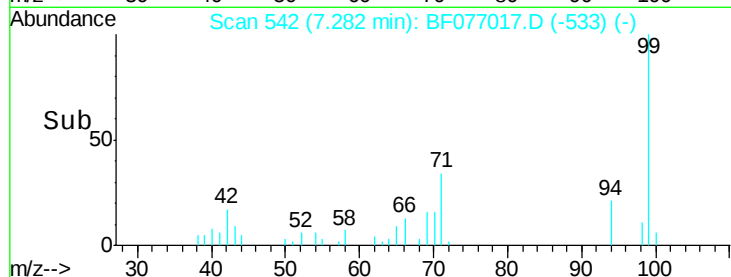
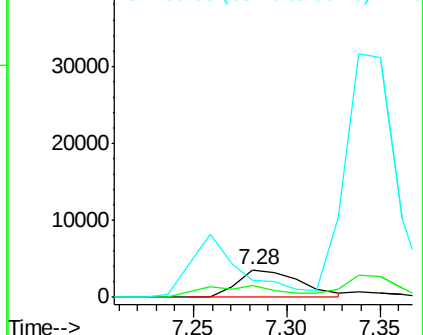
#10
Phenol
Concen: 4.48 ng
RT: 7.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF077017.D
Acq: 22 Jan 2015 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 8372
Ion Ratio Lower Upper
94 100
65 41.8 11.3 51.3
66 62.6 19.5 59.5#

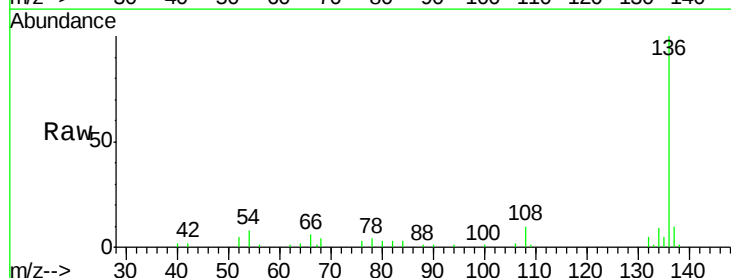


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

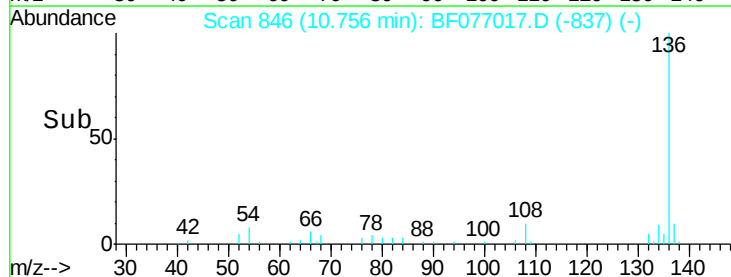
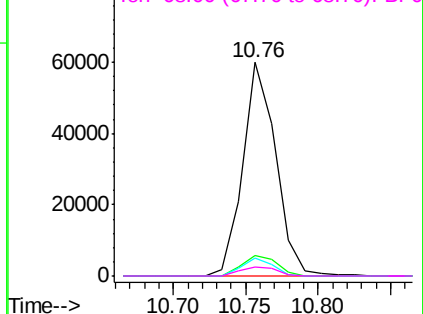


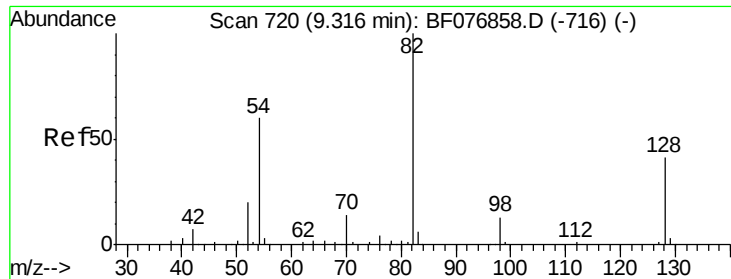
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077017.D
Acq: 22 Jan 2015 17:56

Tgt Ion: 136 Resp: 94557
Ion Ratio Lower Upper
136 100
137 9.6 8.1 12.1
54 8.2 7.0 10.4
68 4.2 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: 85.82 ng

RT: 9.16 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF077017.D

Acq: 22 Jan 2015 17:56

Instrument :

BNA_F

ClientSampleId :

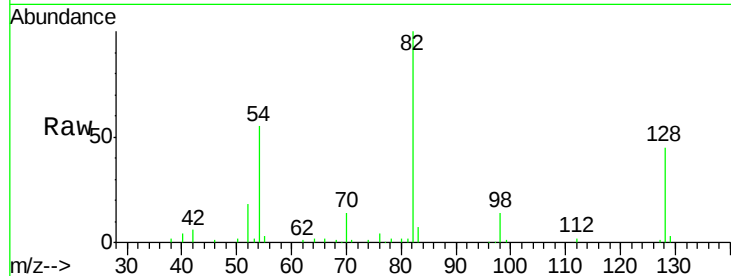
Tot Ion: 82 Resp: 146477

Ion Ratio Lower Upper

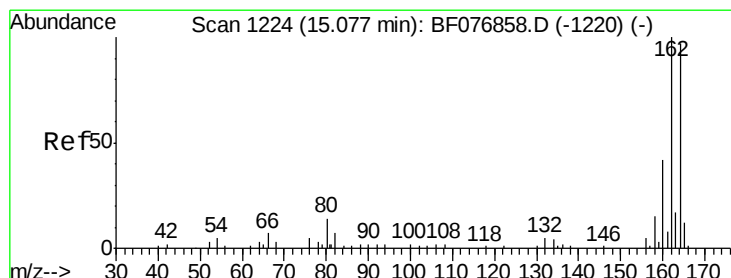
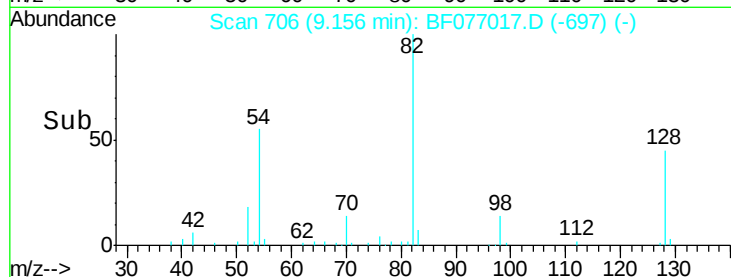
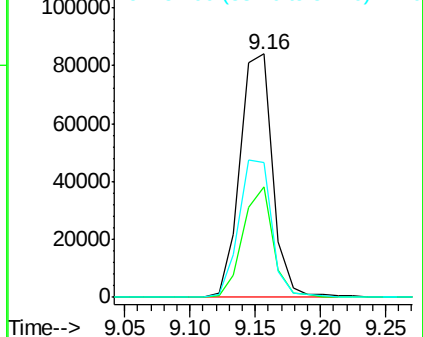
82 100

128 45.4 33.1 49.7

54 55.4 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
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: BF077017.D

Acq: 22 Jan 2015 17:56

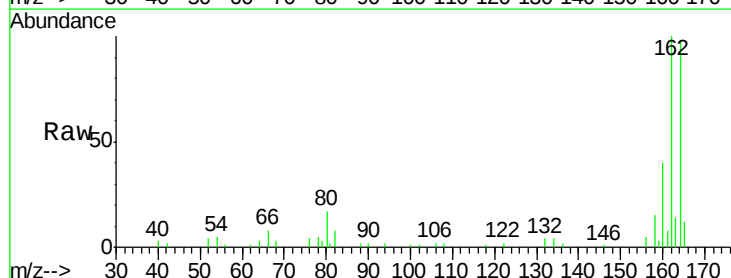
Tgt Ion:164 Resp: 49329

Ion Ratio Lower Upper

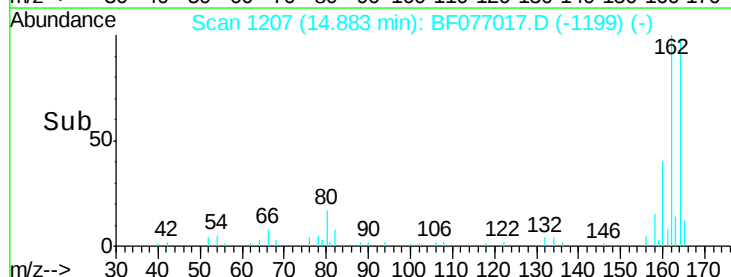
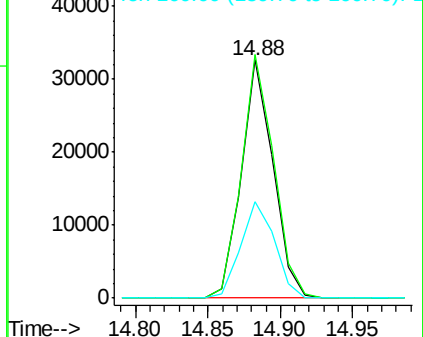
164 100

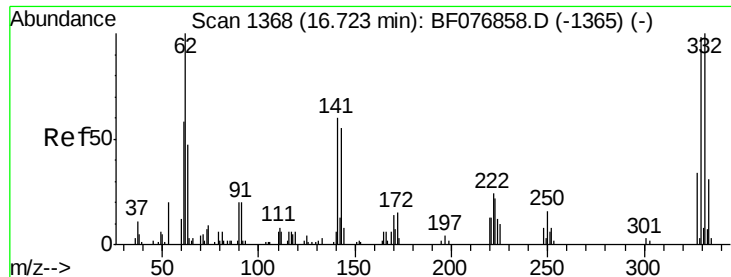
162 102.3 82.4 123.6

160 40.6 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: 143.12 ng

RT: 16.59 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF077017.D

Acq: 22 Jan 2015 17:56

Instrument :

BNA_F

ClientSampleId :

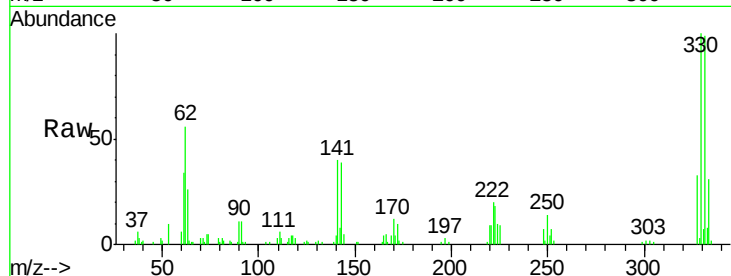
Tot Ion:330 Resp: 57306

Ion Ratio Lower Upper

330 100

332 97.9 77.8 116.6

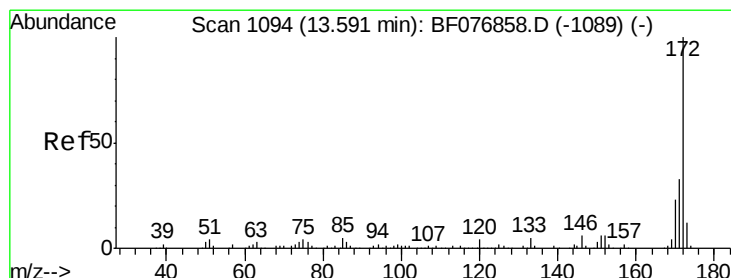
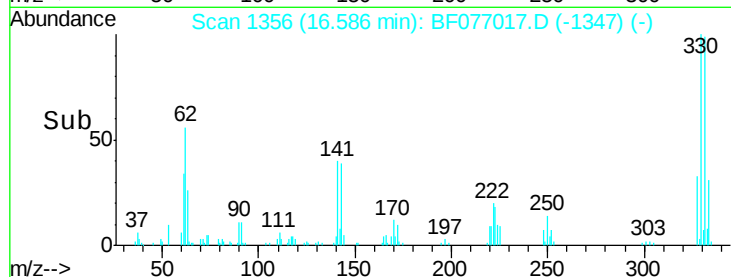
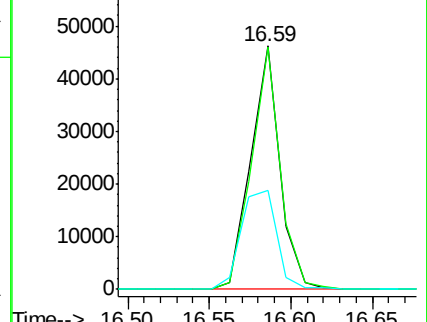
141 49.6 38.5 57.7



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: 92.24 ng

RT: 13.42 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF077017.D

Acq: 22 Jan 2015 17:56

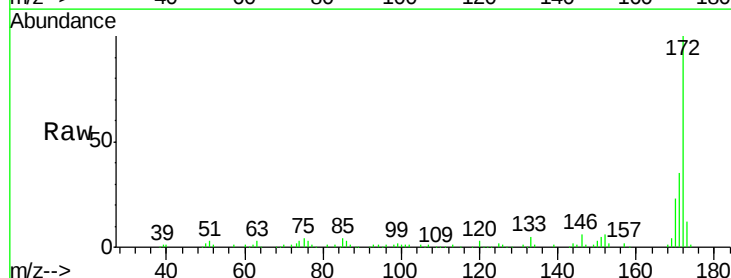
Tgt Ion:172 Resp: 298980

Ion Ratio Lower Upper

172 100

171 35.1 26.6 40.0

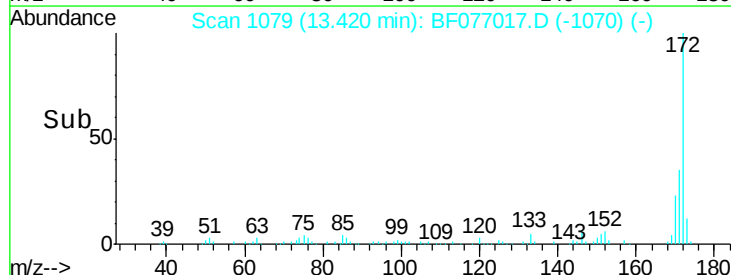
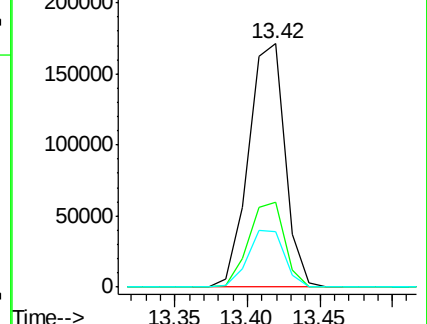
170 22.7 18.0 27.0

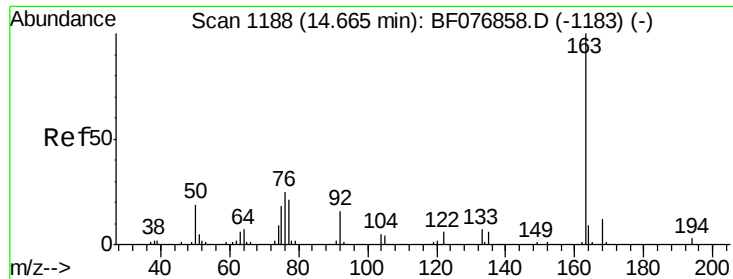


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

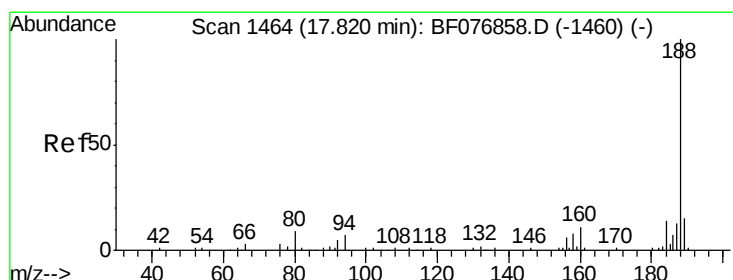
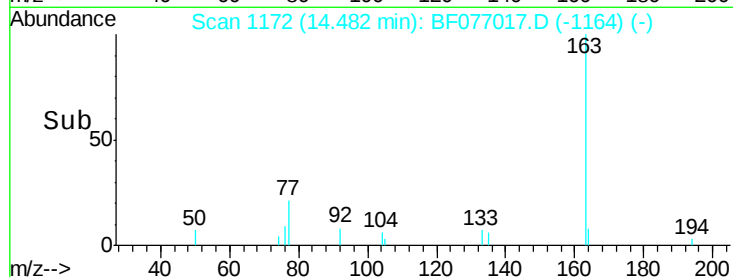
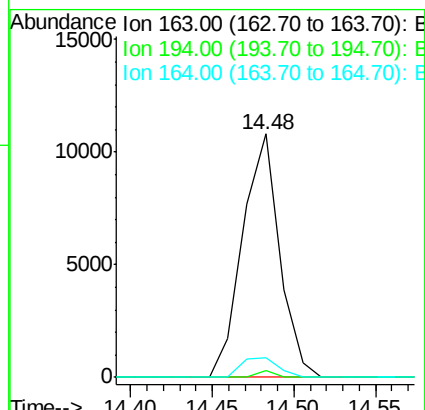
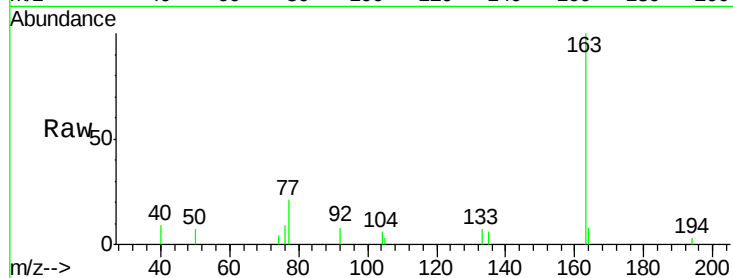




#49
Dimethylphthalate
Concen: 4.85 ng
RT: 14.48 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF077017.D
Acq: 22 Jan 2015 17:56

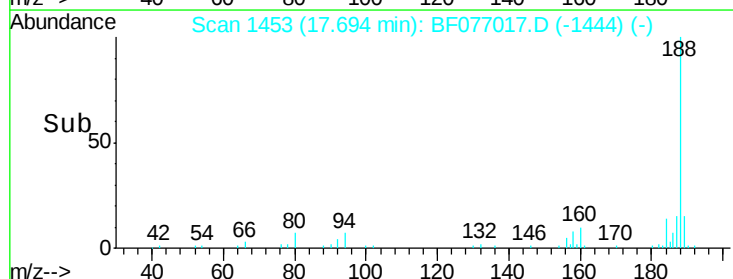
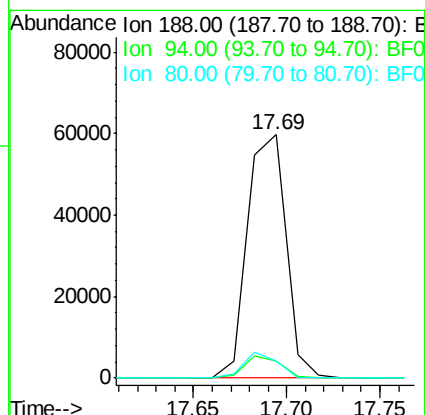
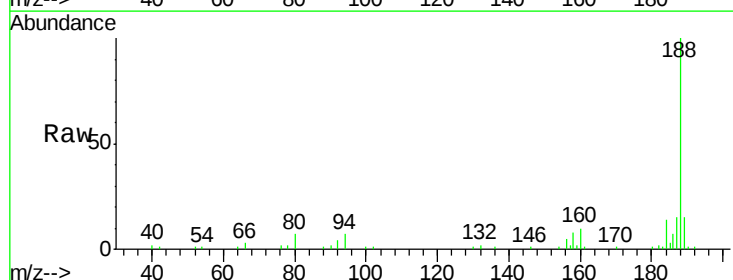
Instrument :
BNA_F
ClientSampleId :

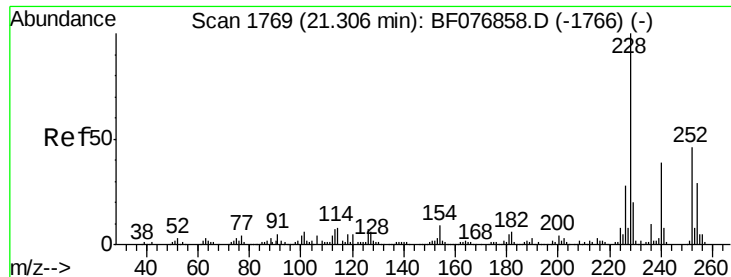
Tot Ion:163 Resp: 16970
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 8.0 7.5 11.3



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.69 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF077017.D
Acq: 22 Jan 2015 17:56

Tgt Ion:188 Resp: 85750
Ion Ratio Lower Upper
188 100
94 6.9 6.0 9.0
80 7.0 6.9 10.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.19 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BF077017.D

Acq: 22 Jan 2015 17:56

Instrument :

BNA_F

ClientSampleId :

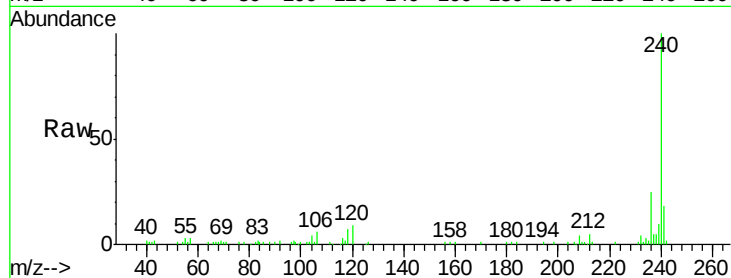
Tot Ion:240 Resp: 83076

Ion Ratio Lower Upper

240 100

120 9.4 10.4 15.6#

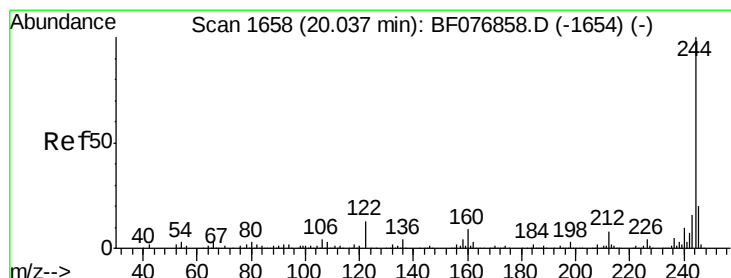
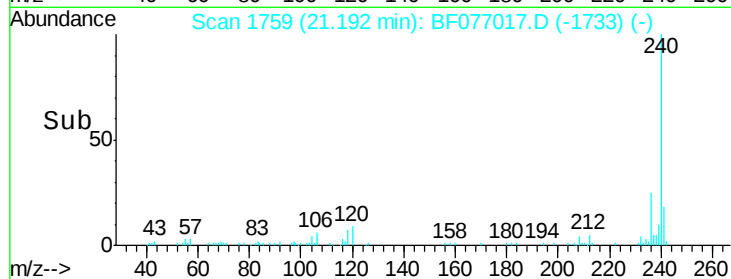
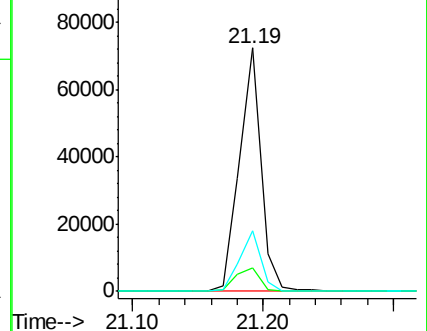
236 24.6 20.2 30.2



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: 87.78 ng

RT: 19.92 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF077017.D

Acq: 22 Jan 2015 17:56

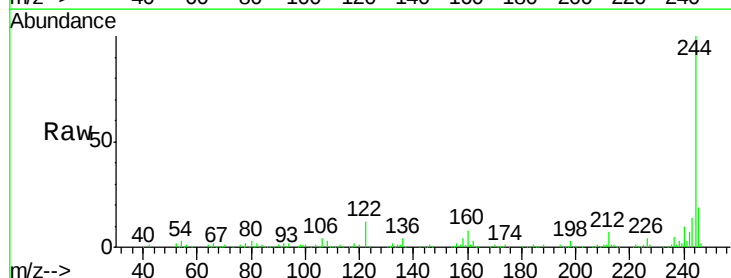
Tgt Ion:244 Resp: 316753

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

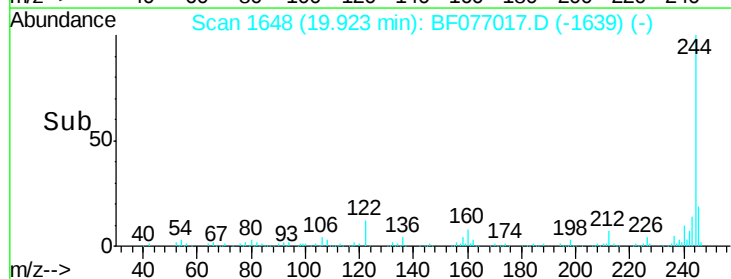
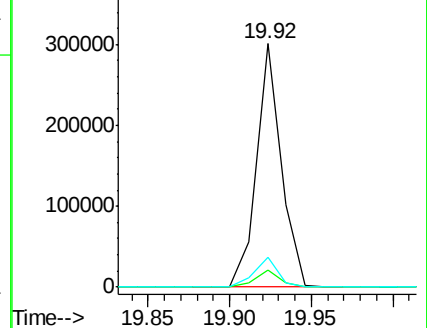
122 12.2 10.1 15.1

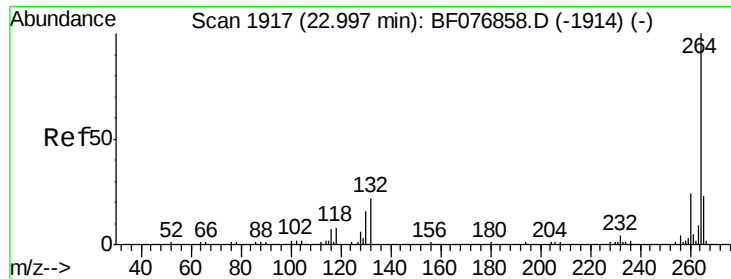


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

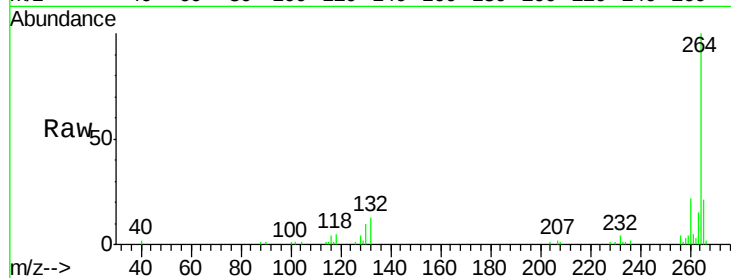




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.87 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF077017.D
 Acq: 22 Jan 2015 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 75195
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.4
 265 21.4 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

