

Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF011315\
 Data File : BF076852.D
 Acq On : 13 Jan 2015 20:19
 Operator : IZ / TP
 Sample : G1069-01
 Misc : S DOD
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 10:47:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

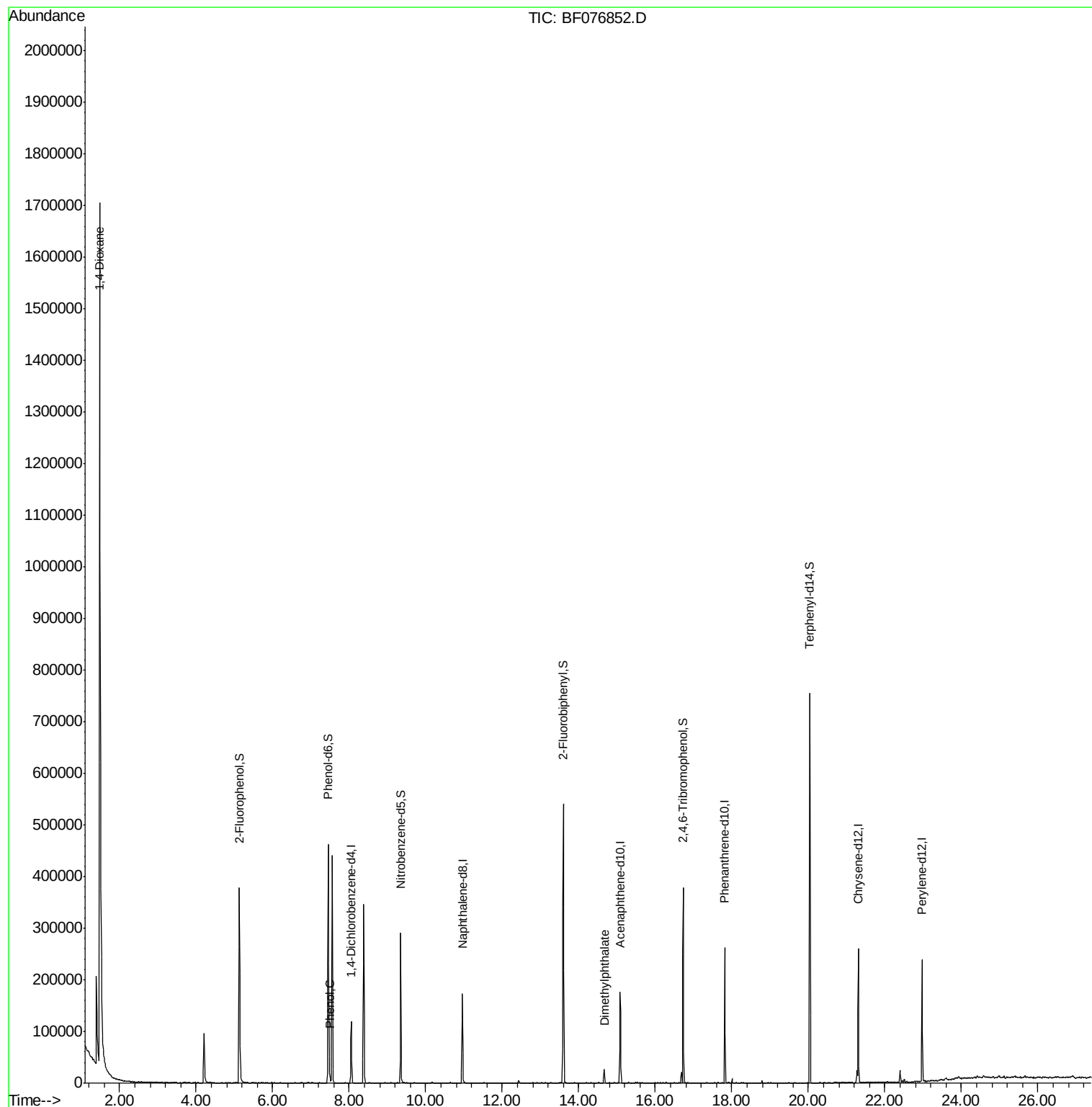
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	31203	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	134400	20.00	ng	-0.03
38) Acenaphthene-d10	15.08	164	72101	20.00	ng	-0.06
63) Phenanthrene-d10	17.82	188	120442	20.00	ng	-0.03
75) Chrysene-d12	21.31	240	115633	20.00	ng	-0.05
86) Perylene-d12	22.97	264	107656	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	188747	100.94	ng	-0.05
7) Phenol-d6	7.45	99	246016	104.50	ng	-0.05
23) Nitrobenzene-d5	9.35	82	150966	62.42	ng	-0.03
41) 2,4,6-Tribromophenol	16.73	330	51494	85.57	ng	-0.05
44) 2-Fluorobiphenyl	13.60	172	286715	58.53	ng	-0.05
78) Terphenyl-d14	20.04	244	258845	49.15	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.48	88	70125	87.94	ng	Qvalue # 14
10) Phenol	7.49	94	5982	2.33	ng	84
49) Dimethylphthalate	14.67	163	21860	4.17	ng	100

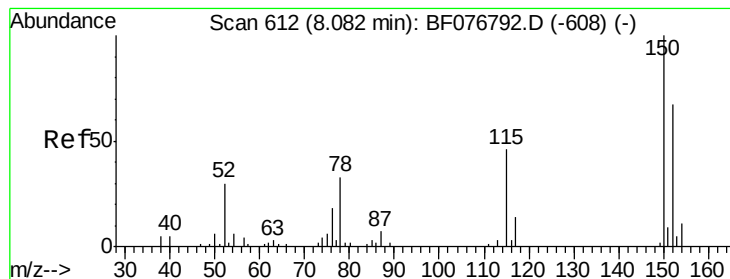
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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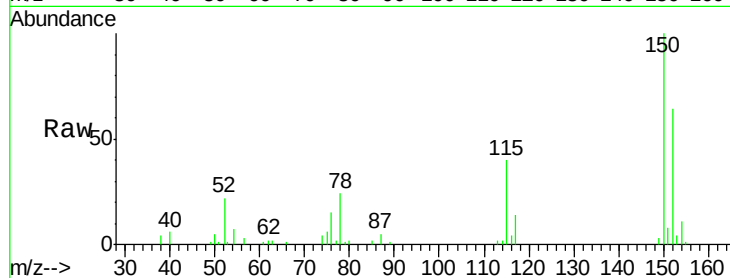


#1

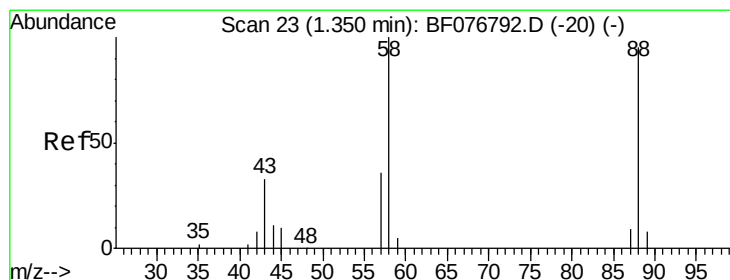
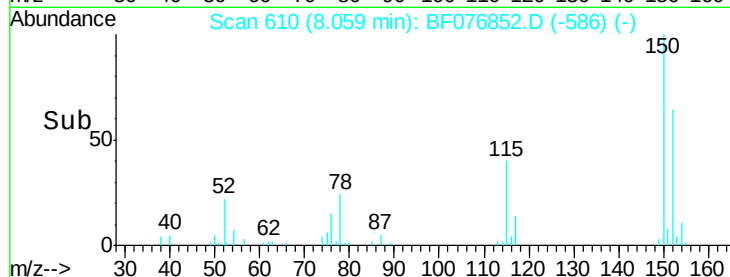
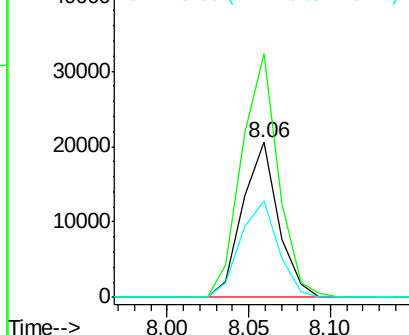
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 31203
Ion Ratio Lower Upper
152 100
150 157.3 119.5 179.3
115 62.2 54.6 81.8



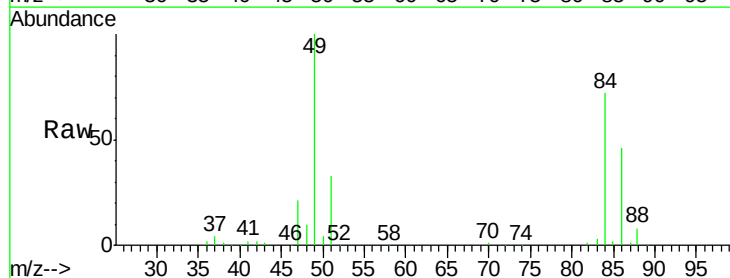
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



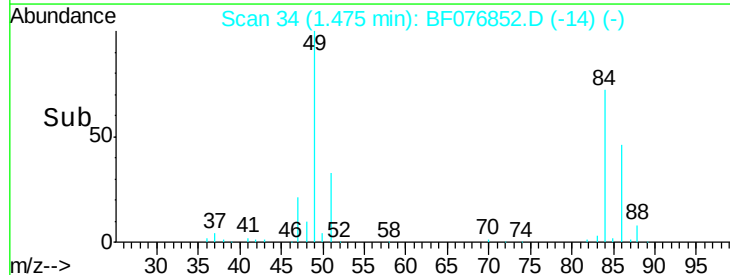
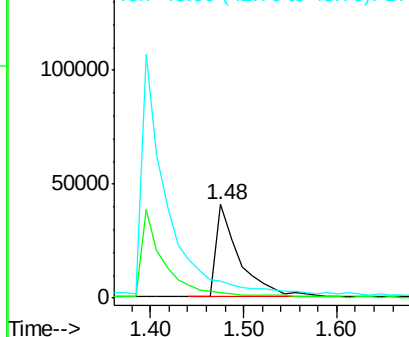
#2

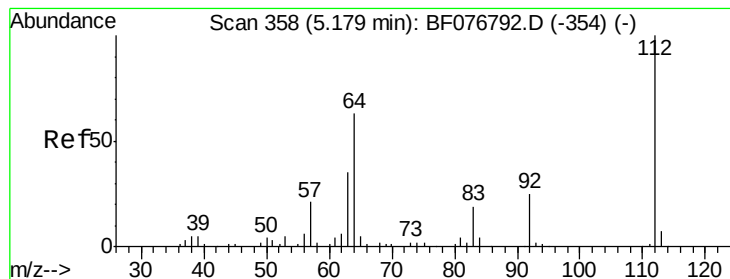
1,4-Dioxane
Concen: 87.94 ng
RT: 1.48 min Scan# 34
Delta R.T. 0.13 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Tgt Ion: 88 Resp: 70125
Ion Ratio Lower Upper
88 100
58 0.0 72.4 108.6#
43 0.0 24.0 36.0#



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: 100.94 ng

RT: 5.13 min Scan# 354

Delta R.T. -0.05 min

Lab File: BF076852.D

Acq: 13 Jan 2015 20:19

Instrument :

BNA_F

ClientSampled :

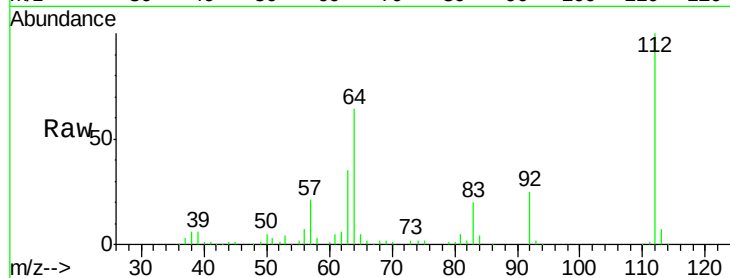
Tot Ion:112 Resp: 188747

Ion Ratio Lower Upper

112 100

64 64.0 50.2 75.4

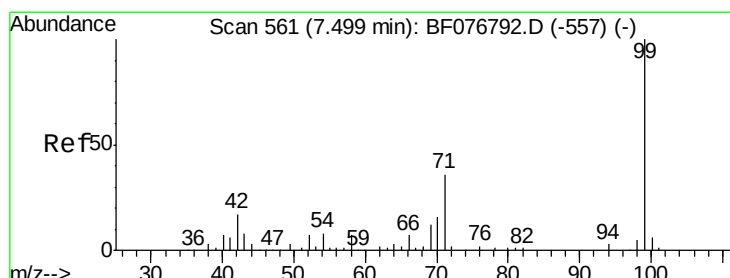
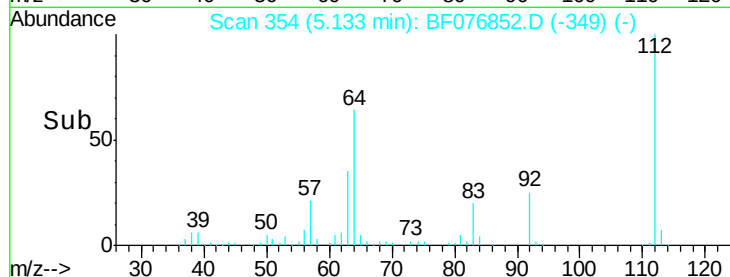
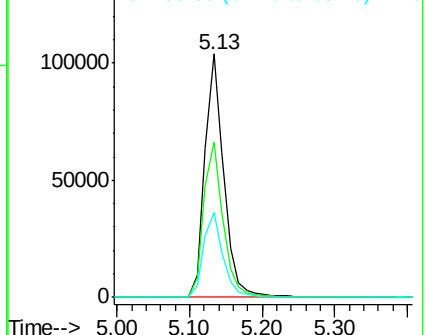
63 35.1 27.8 41.6



Abundance Ion 112.00 (111.70 to 112.70): BFO

Ion 64.00 (63.70 to 64.70): BFO

Ion 63.00 (62.70 to 63.70): BFO



#7

Phenol-d6

Concen: 104.50 ng

RT: 7.45 min Scan# 557

Delta R.T. -0.05 min

Lab File: BF076852.D

Acq: 13 Jan 2015 20:19

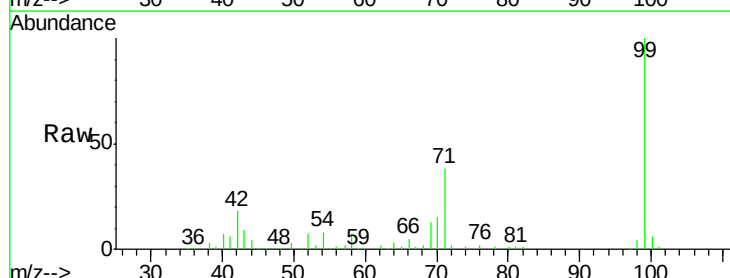
Tgt Ion: 99 Resp: 246016

Ion Ratio Lower Upper

99 100

42 18.3 13.3 19.9

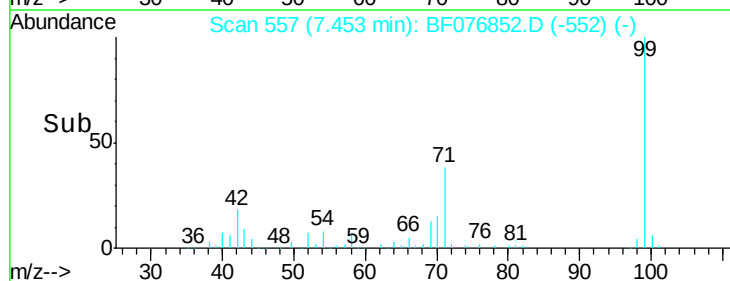
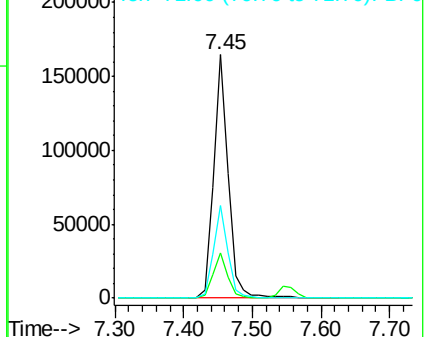
71 38.2 29.2 43.8

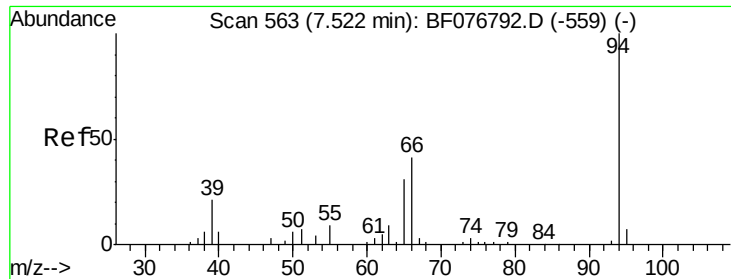


Abundance Ion 99.00 (98.70 to 99.70): BFO

Ion 42.00 (41.70 to 42.70): BFO

Ion 71.00 (70.70 to 71.70): BFO

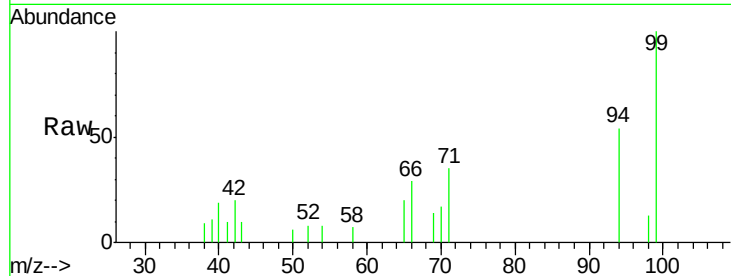




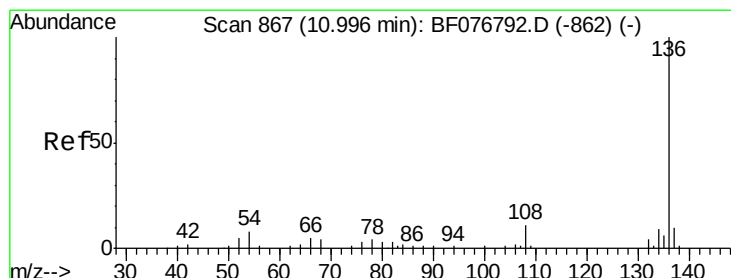
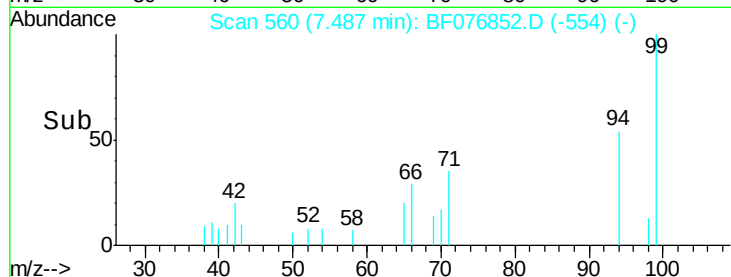
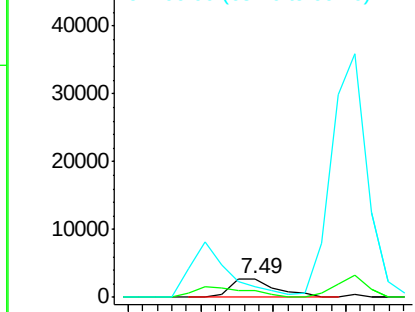
#10
Phenol
Concen: 2.33 ng
RT: 7.49 min Scan# 560
Delta R.T. -0.03 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Instrument :
BNA_F
ClientSampled :

Tot Ion: 94 Resp: 5982
Ion Ratio Lower Upper
94 100
65 38.1 11.6 51.6
66 54.3 22.3 62.3

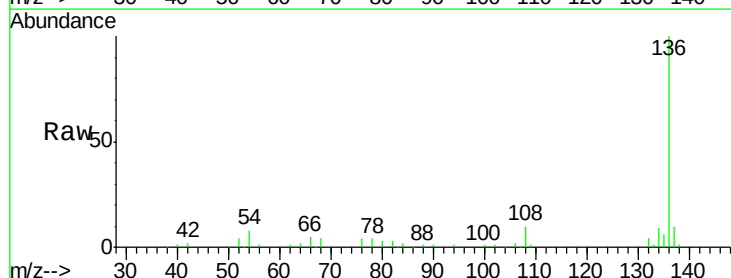


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

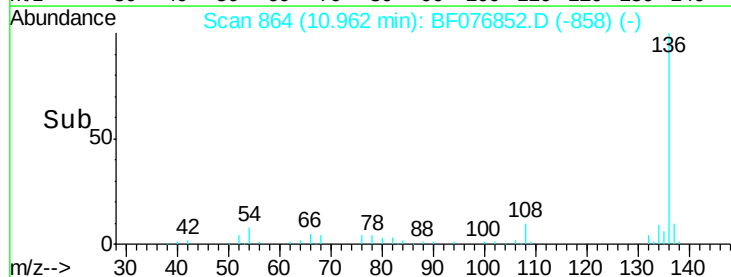
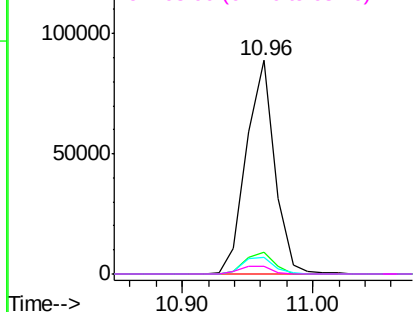


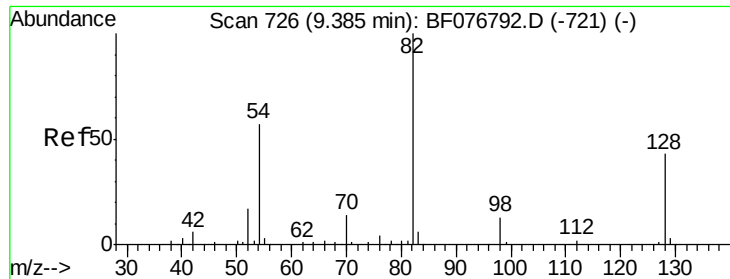
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 864
Delta R.T. -0.03 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Tgt Ion: 136 Resp: 134400
Ion Ratio Lower Upper
136 100
137 10.2 8.1 12.1
54 7.5 6.3 9.5
68 3.9 3.4 5.0



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

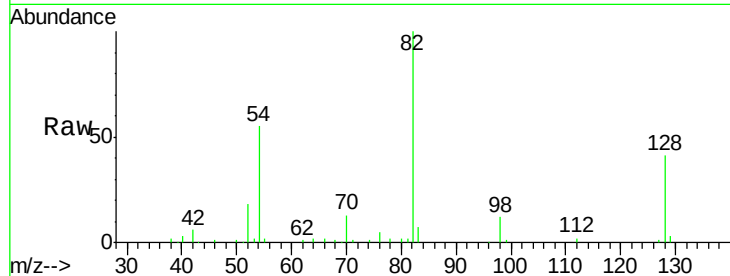




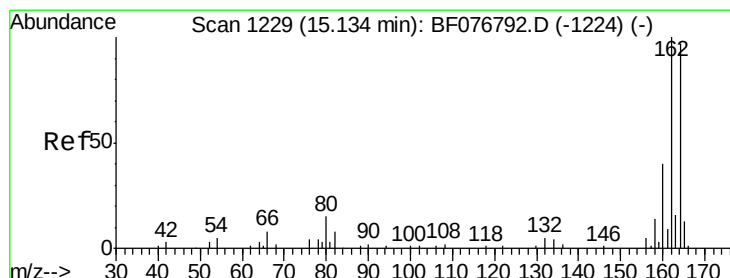
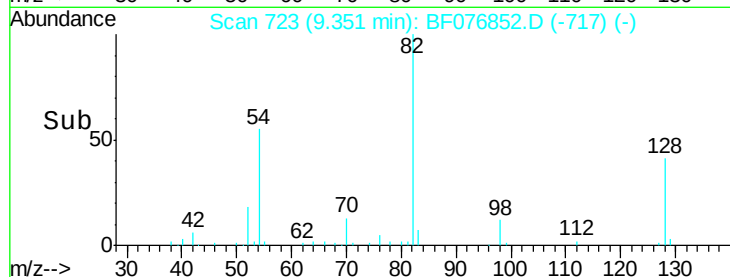
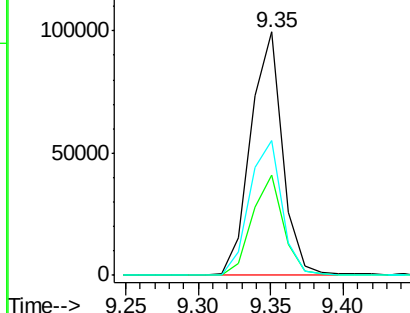
#23
 Nitrobenzene-d5
 Concen: 62.42 ng
 RT: 9.35 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF076852.D
 Acq: 13 Jan 2015 20:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	150966
Ion Ratio	Lower	Upper	
82	100		
128	41.4	34.0	51.0
54	55.3	45.6	68.4

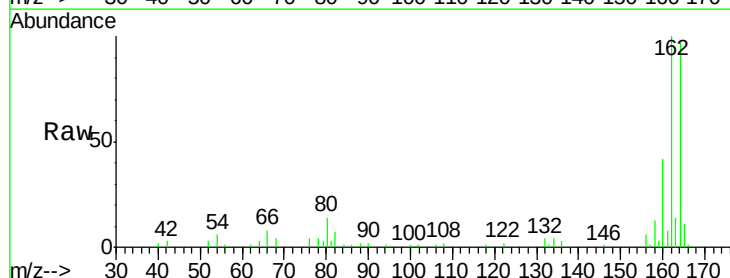


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

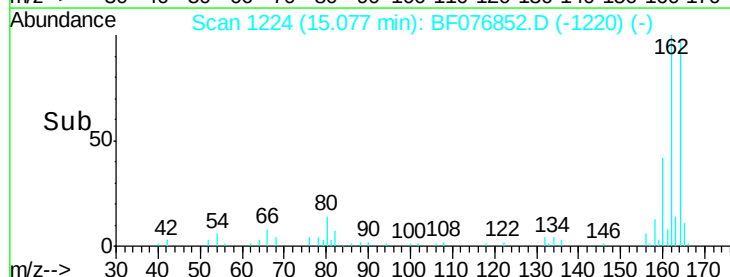
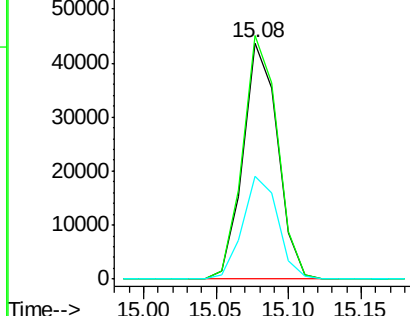


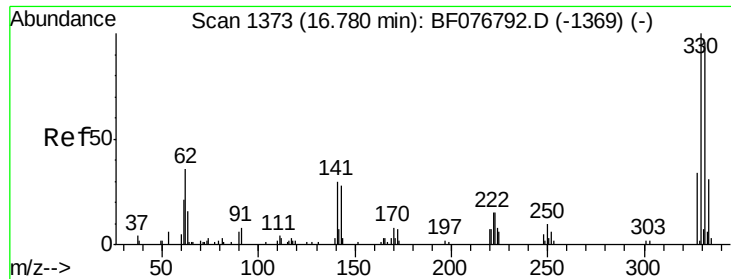
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.08 min Scan# 1224
 Delta R.T. -0.06 min
 Lab File: BF076852.D
 Acq: 13 Jan 2015 20:19

Tgt Ion	164	Resp	72101
Ion Ratio	Lower	Upper	
164	100		
162	103.0	82.5	123.7
160	43.4	33.1	49.7



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: 85.57 ng

RT: 16.73 min Scan# 1369

Delta R.T. -0.05 min

Lab File: BF076852.D

Acq: 13 Jan 2015 20:19

Instrument :

BNA_F

ClientSampleId :

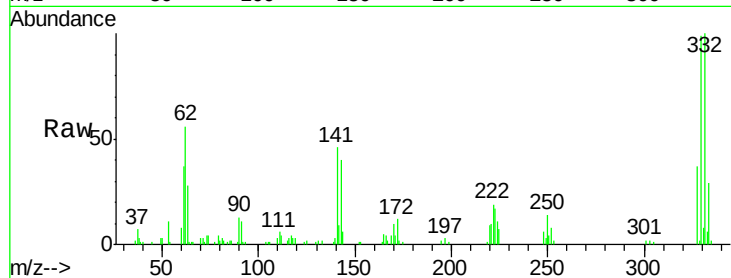
Tot Ion:330 Resp: 51494

Ion Ratio Lower Upper

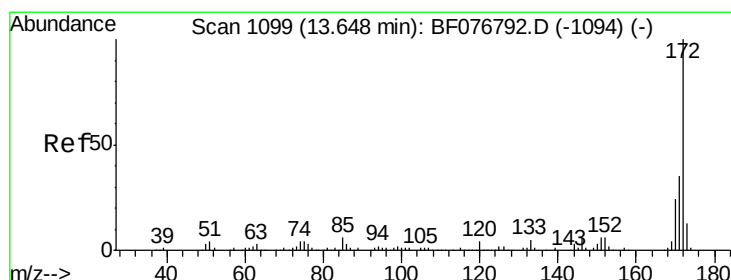
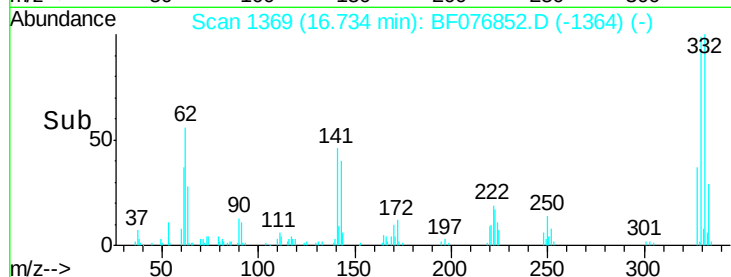
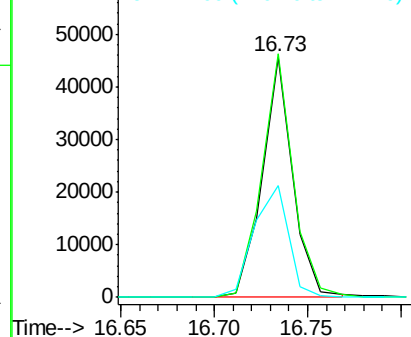
330 100

332 104.6 74.8 112.2

141 53.4 42.4 63.6



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: 58.53 ng

RT: 13.60 min Scan# 1095

Delta R.T. -0.05 min

Lab File: BF076852.D

Acq: 13 Jan 2015 20:19

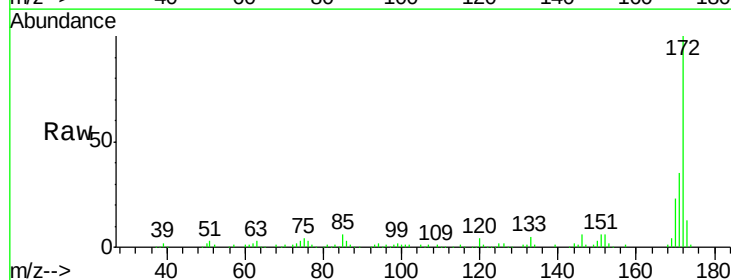
Tgt Ion:172 Resp: 286715

Ion Ratio Lower Upper

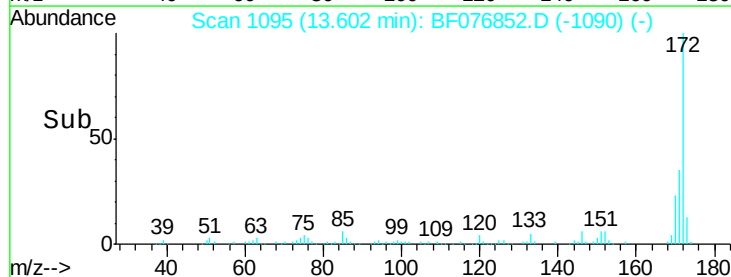
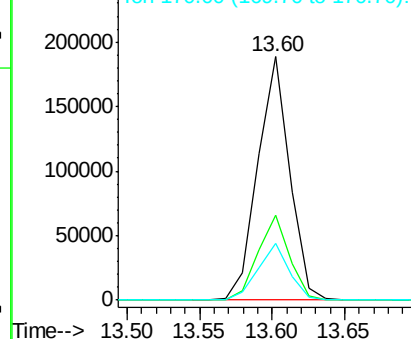
172 100

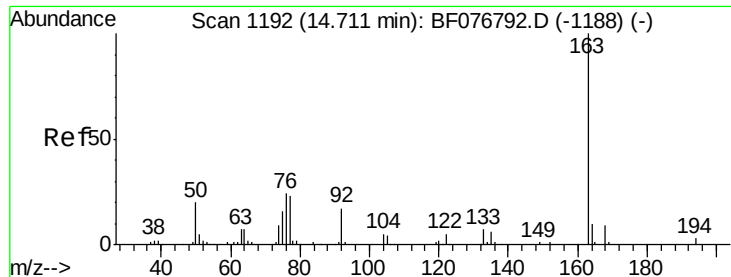
171 34.7 27.8 41.8

170 23.3 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





#49

Dimethylphthalate

Concen: 4.17 ng

RT: 14.67 min Scan# 1188

Delta R.T. -0.05 min

Lab File: BF076852.D

Acq: 13 Jan 2015 20:19

Instrument :

BNA_F

ClientSampleId :

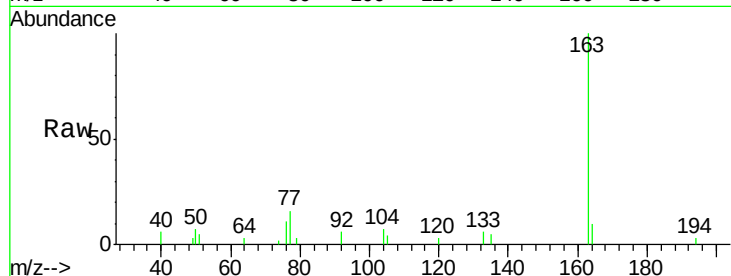
Tot Ion:163 Resp: 21860

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

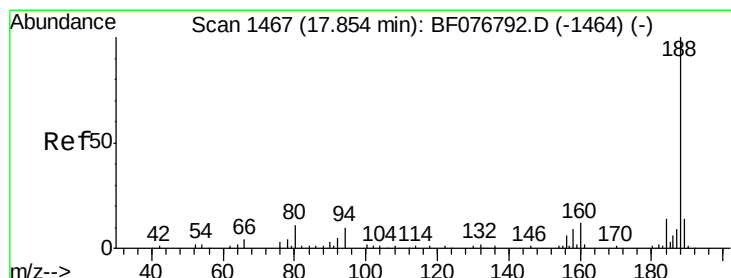
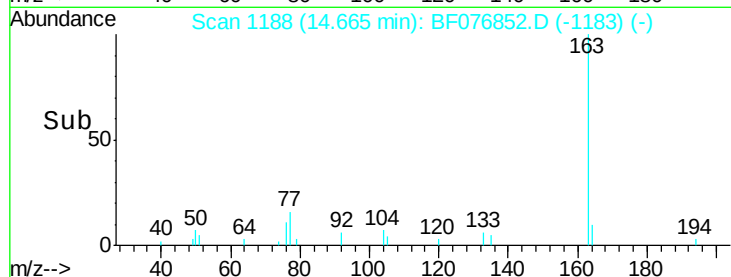
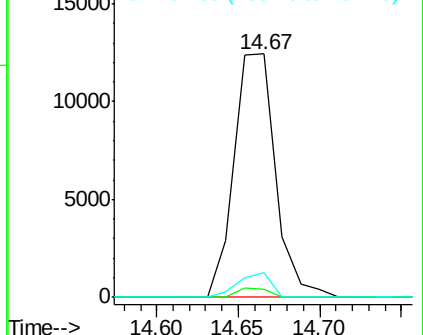
164 10.3 8.3 12.5



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: 17.82 min Scan# 1464

Delta R.T. -0.03 min

Lab File: BF076852.D

Acq: 13 Jan 2015 20:19

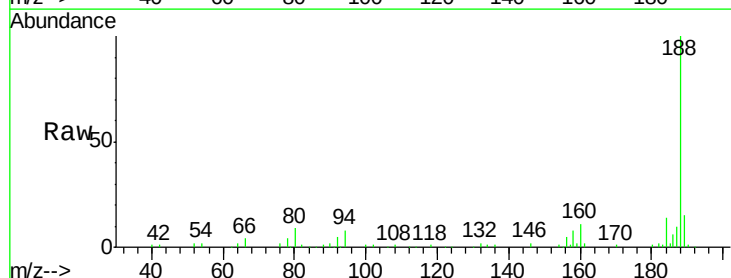
Tgt Ion:188 Resp: 120442

Ion Ratio Lower Upper

188 100

94 8.2 7.8 11.6

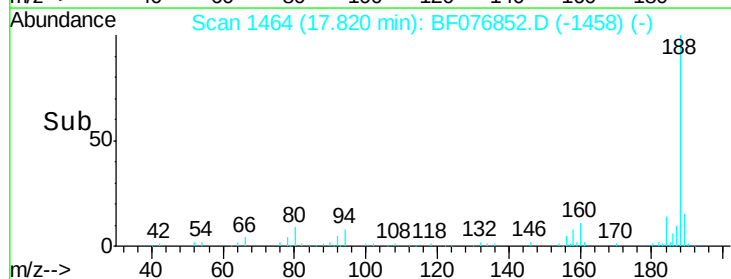
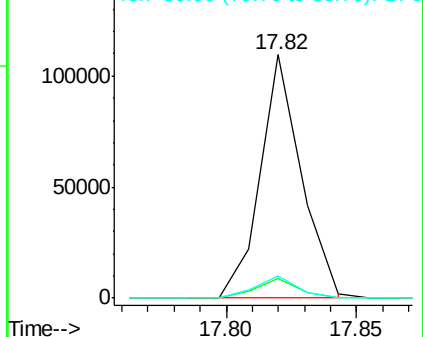
80 8.9 8.6 13.0

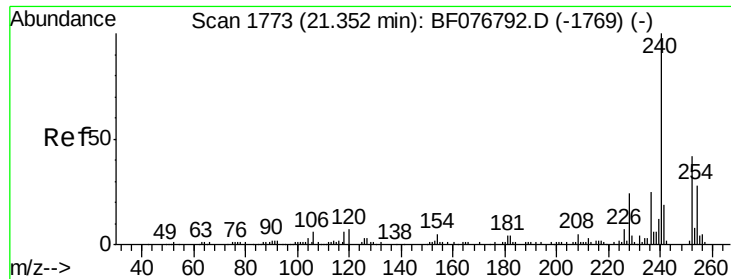


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

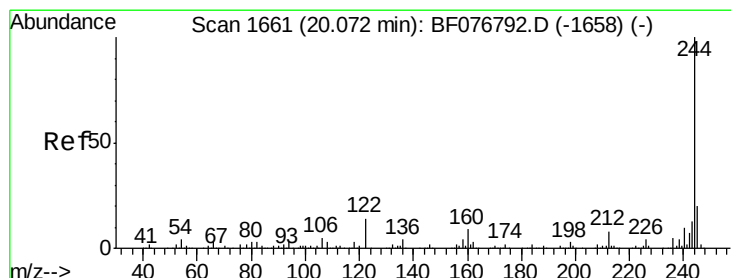
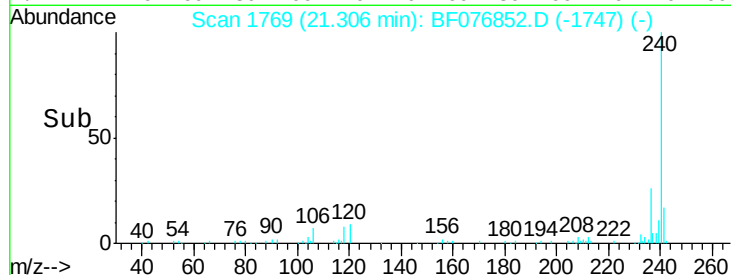
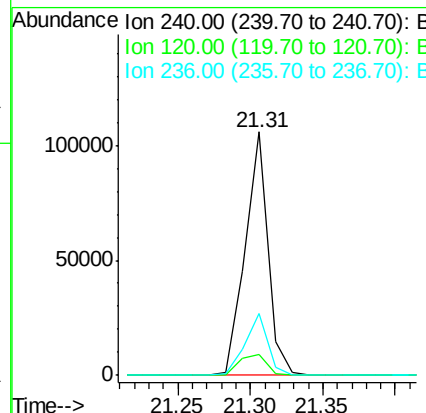
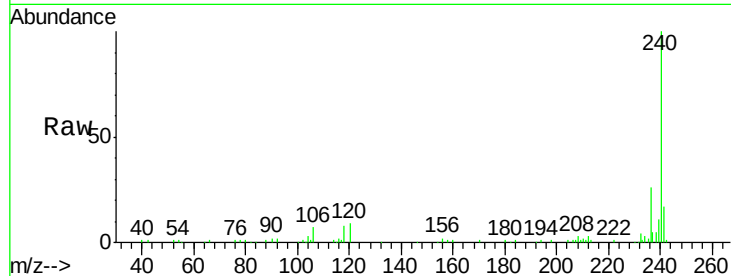




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. -0.05 min
 Lab File: BF076852.D
 Acq: 13 Jan 2015 20:19

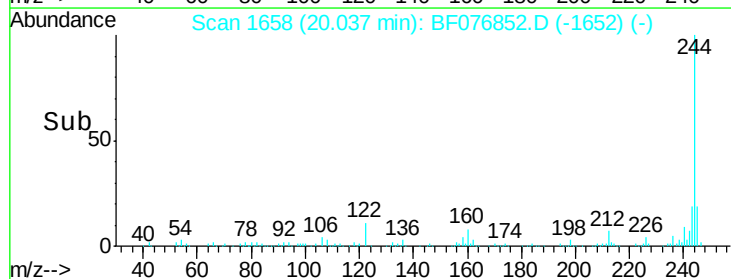
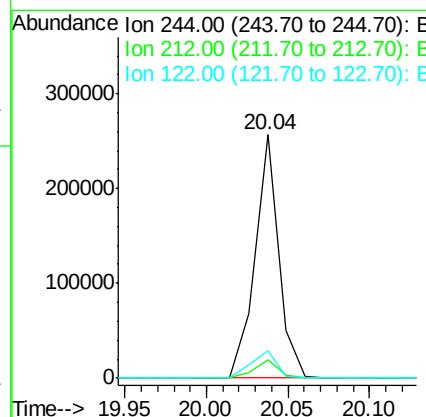
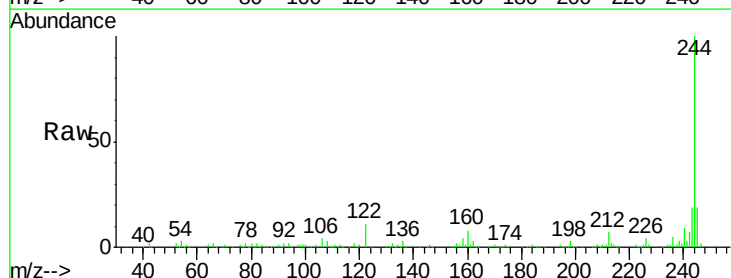
Instrument :
 BNA_F
 ClientSampleID :

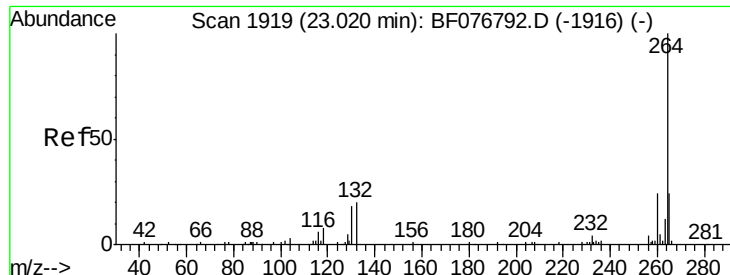
Tot Ion:240 Resp: 115633
 Ion Ratio Lower Upper
 240 100
 120 8.8 5.7 8.5#
 236 25.6 19.7 29.5



#78
 Terphenyl-d14
 Concen: 49.15 ng
 RT: 20.04 min Scan# 1658
 Delta R.T. -0.03 min
 Lab File: BF076852.D
 Acq: 13 Jan 2015 20:19

Tgt Ion:244 Resp: 258845
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 11.1 11.3 16.9#

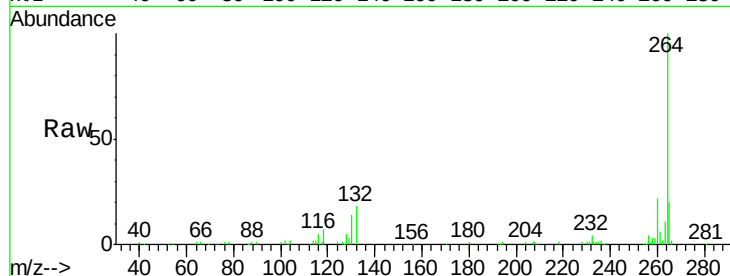




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.97 min Scan# 1915
Delta R.T. -0.05 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.4	29.0
265	20.2	18.9	28.3



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

