

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
 Data File : BF079248.D
 Acq On : 14 May 2015 23:12
 Operator : TP/IZ
 Sample : G2201-03DL 25X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUMP1DL

Quant Time: May 15 03:53:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 02:17:41 2015
 Response via : Initial Calibration

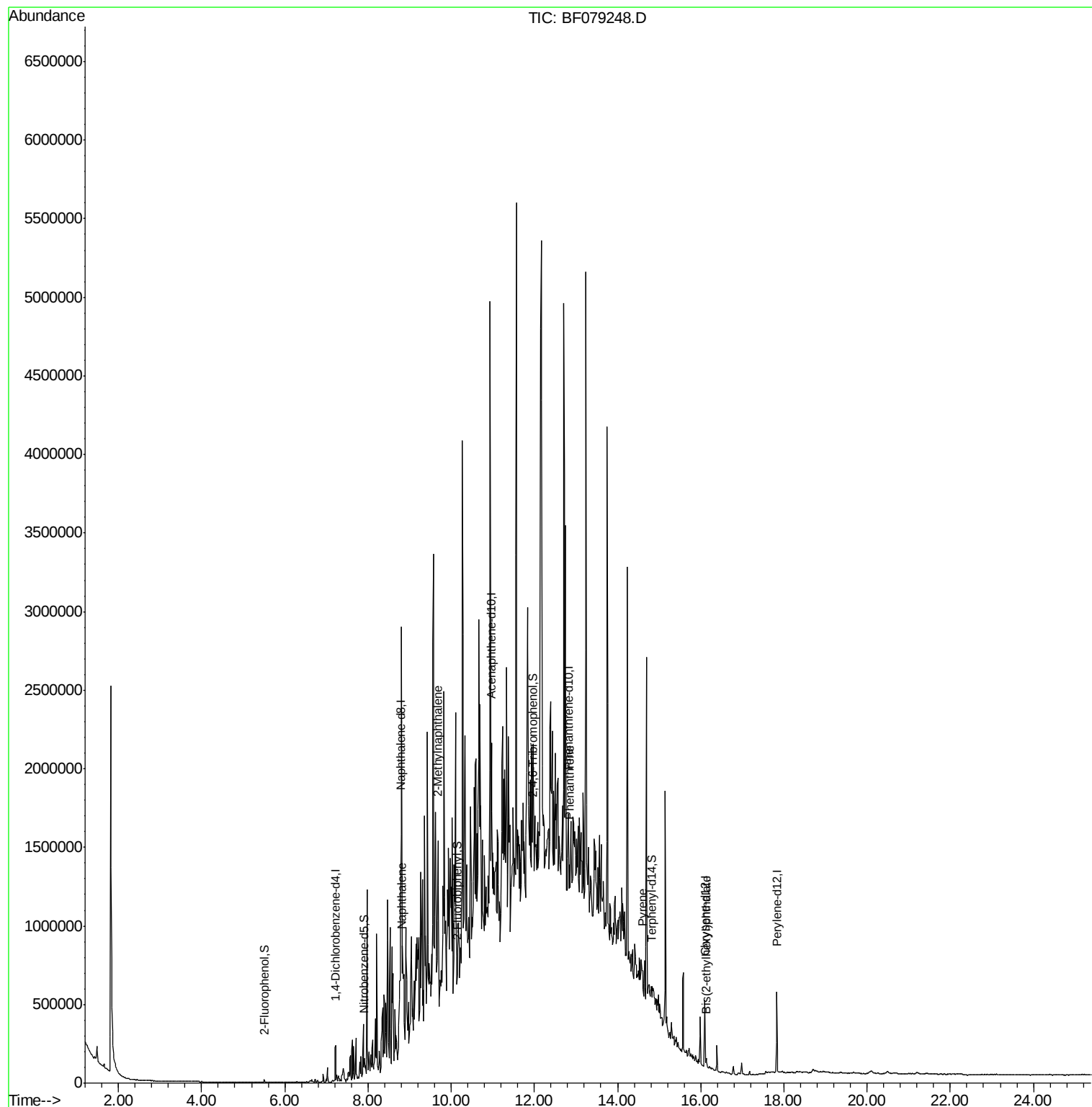
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	50892	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	202393	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	98047	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	199733	20.00	ng	0.01
75) Chrysene-d12	16.10	240	207114	20.00	ng	-0.14
86) Perylene-d12	17.83	264	213430	20.00	ng	-0.47
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	7502m	2.54	ng	0.00
7) Phenol-d6	6.79	99	6476	1.66	ng	0.00
23) Nitrobenzene-d5	7.91	82	17192	4.88	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	5725	5.40	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	27939	3.97	ng	-0.01
78) Terphenyl-d14	14.81	244	28895m	3.34	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.82	128	29493m	3.06	ng	
37) 2-Methylnaphthalene	9.68	142	244868	36.64	ng	97
70) Phenanthrene	12.85	178	84687	7.58	ng	# 94
77) Pyrene	14.61	202	38967m	3.26	ng	
83) Bis(2-ethylhexyl)phthalate	16.14	149	15998	2.02	ng	97

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

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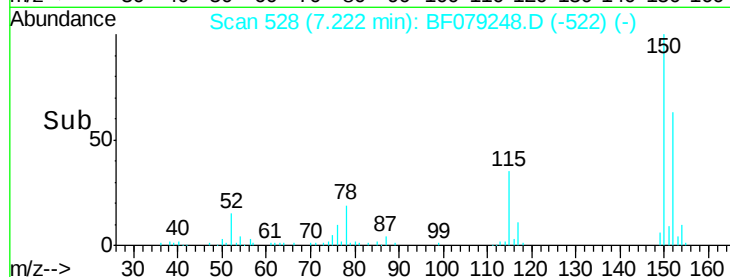
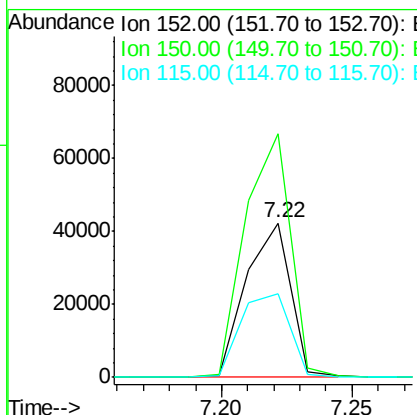
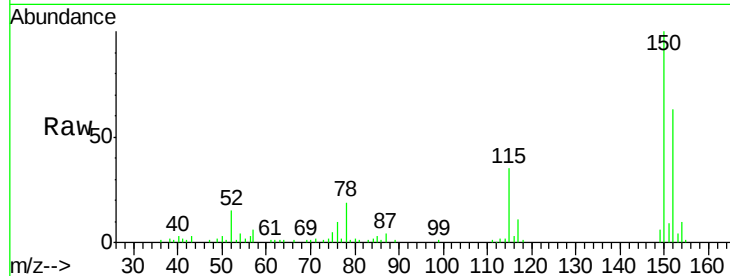




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF079248.D
 Acq: 14 May 2015 23:12

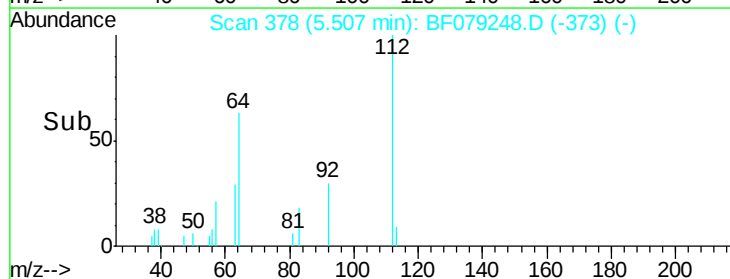
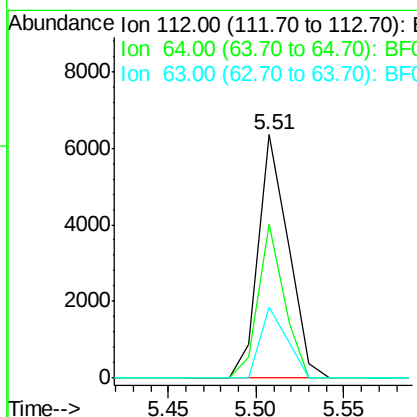
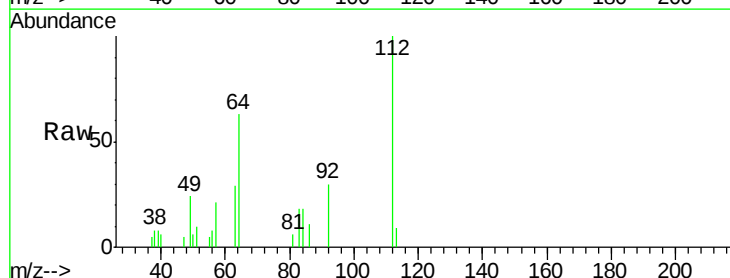
Instrument :
 BNA_F
 ClientSampleId :
 SUMP1DL

Tot Ion:152 Resp: 50892
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.8 185.8
 115 54.5 49.4 74.0



#5
 2-Fluorophenol
 Concen: 2.54 ng m
 RT: 5.51 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: BF079248.D
 Acq: 14 May 2015 23:12

Tgt Ion:112 Resp: 7502
 Ion Ratio Lower Upper
 112 100
 64 63.0 44.2 66.2
 63 29.2 22.7 34.1





#7

Phenol-d6

Concen: 1.66 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF079248.D

Acq: 14 May 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SUMP1DL

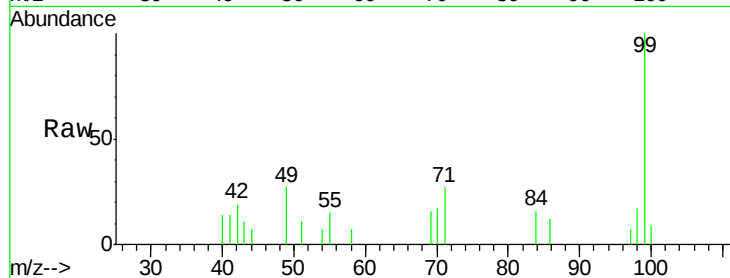
Tot Ion: 99 Resp: 6476

Ion Ratio Lower Upper

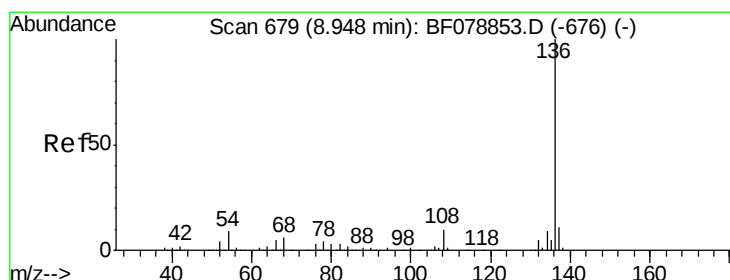
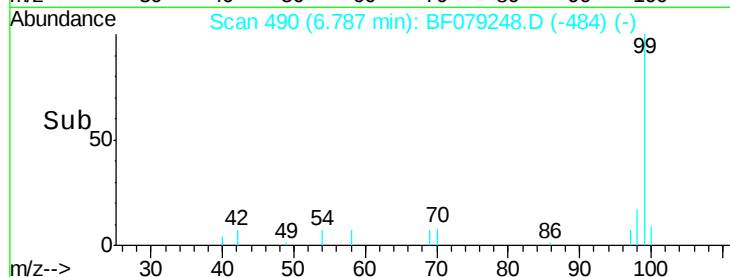
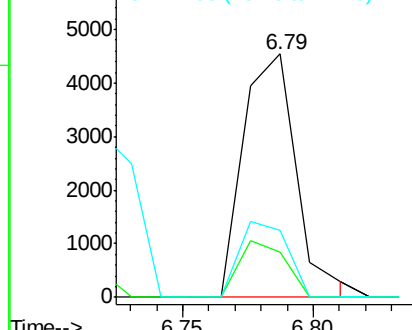
99 100

42 18.6 17.1 25.7

71 27.3 26.3 39.5



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF079248.D

Acq: 14 May 2015 23:12

Tgt Ion: 136 Resp: 202393

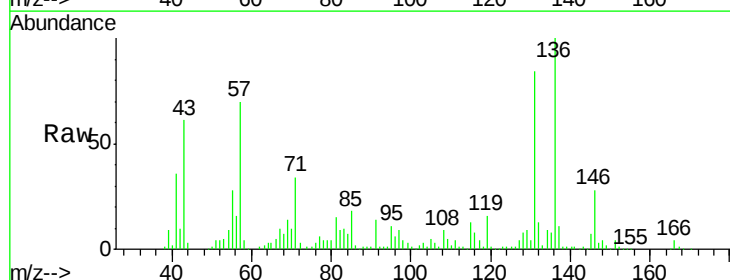
Ion Ratio Lower Upper

136 100

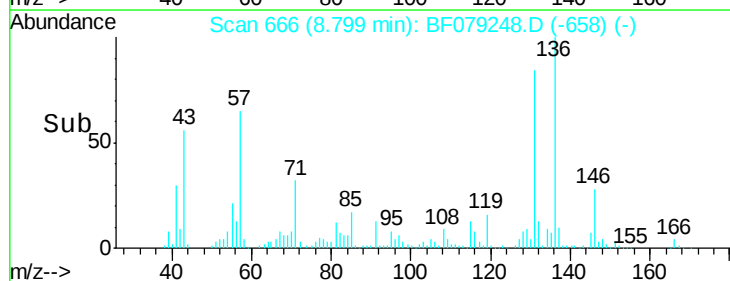
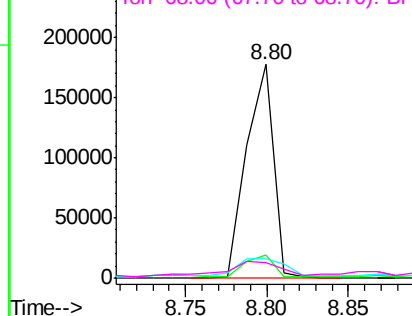
137 10.9 8.8 13.2

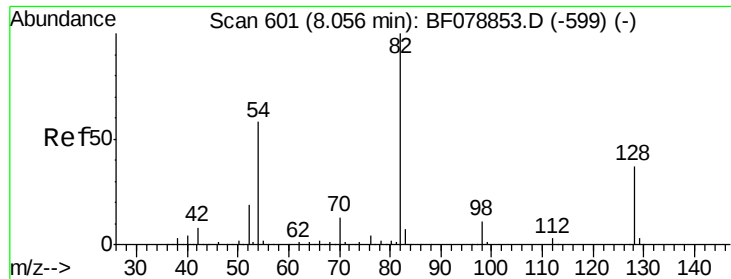
54 9.0 6.9 10.3

68 7.4 4.9 7.3#



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

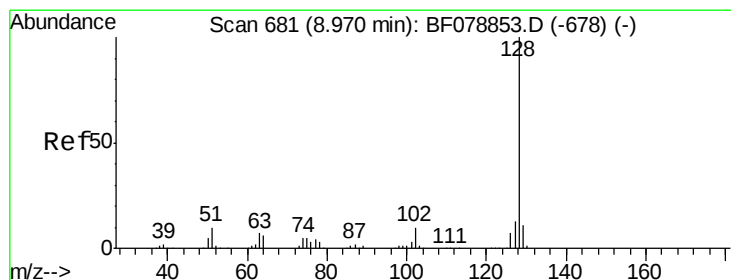
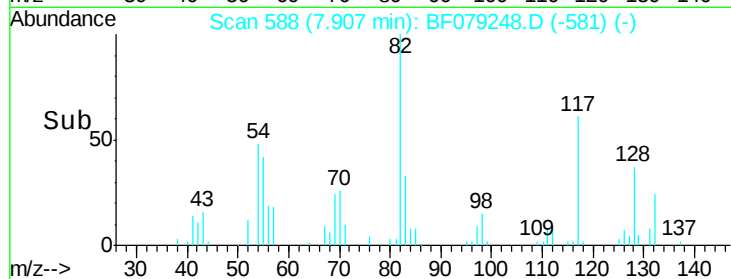
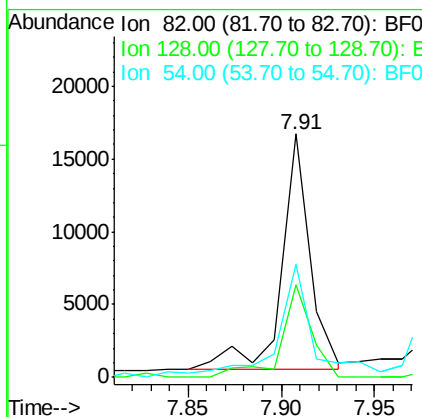
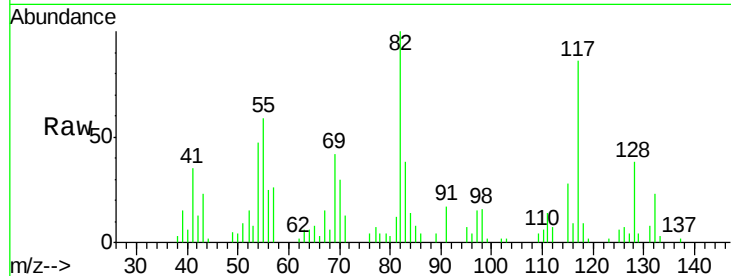




#23
 Nitrobenzene-d5
 Concen: 4.88 ng
 RT: 7.91 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF079248.D
 Acq: 14 May 2015 23:12

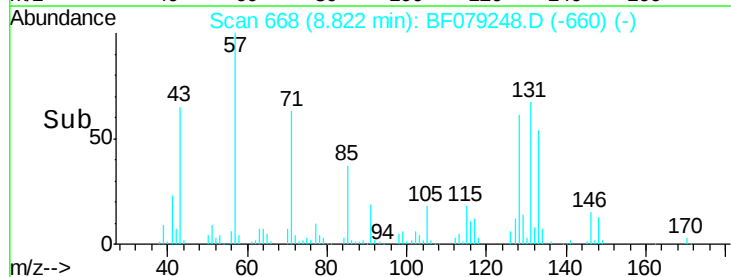
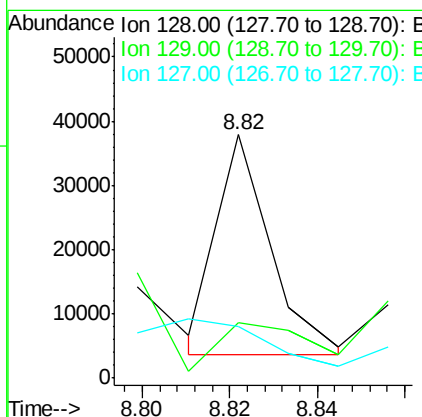
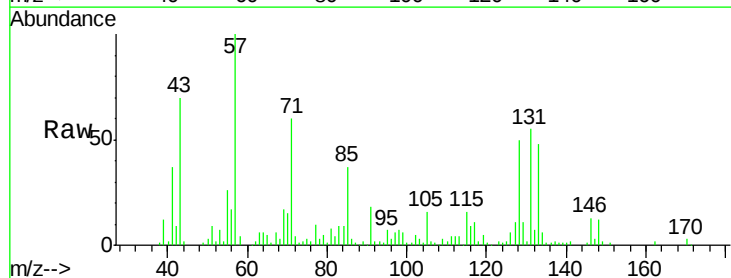
Instrument :
 BNA_F
 ClientSampleID :
 SUMP1DL

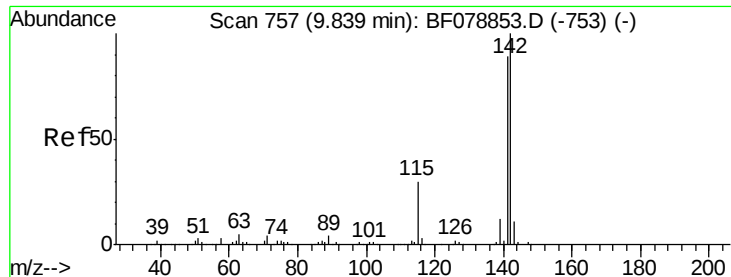
Tot Ion: 82 Resp: 17192
 Ion Ratio Lower Upper
 82 100
 128 38.1 29.7 44.5
 54 46.6 46.2 69.4



#31
 Naphthalene
 Concen: 3.06 ng m
 RT: 8.82 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF079248.D
 Acq: 14 May 2015 23:12

Tgt Ion:128 Resp: 29493
 Ion Ratio Lower Upper
 128 100
 129 22.6 9.2 13.8#
 127 21.0 10.3 15.5#

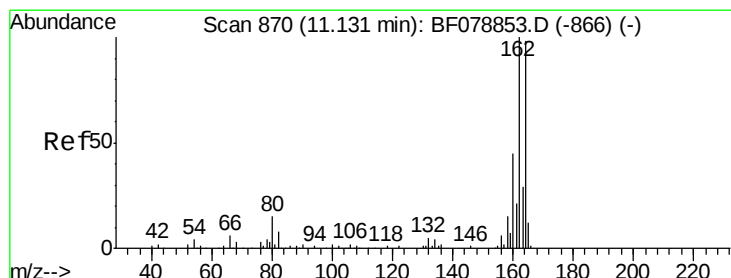
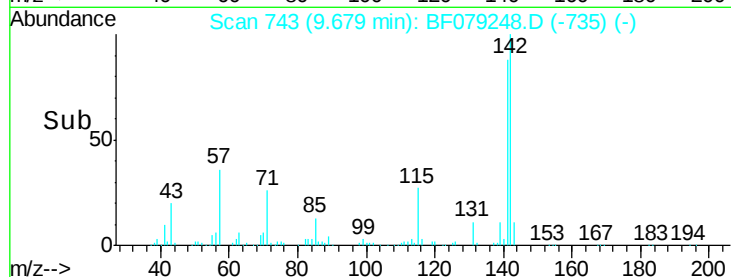
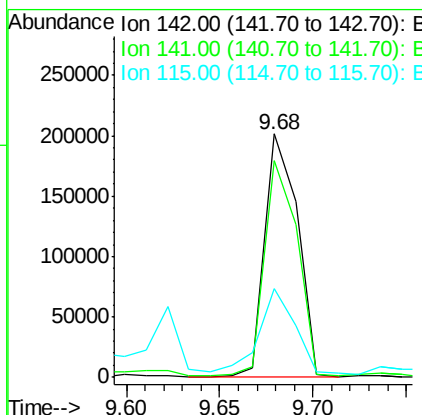
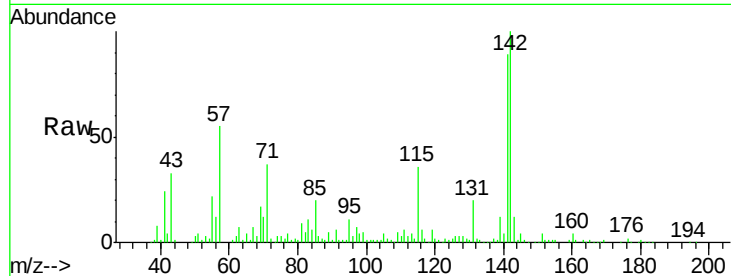




#37
2-Methylnaphthalene
Concen: 36.64 ng
RT: 9.68 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF079248.D
Acq: 14 May 2015 23:12

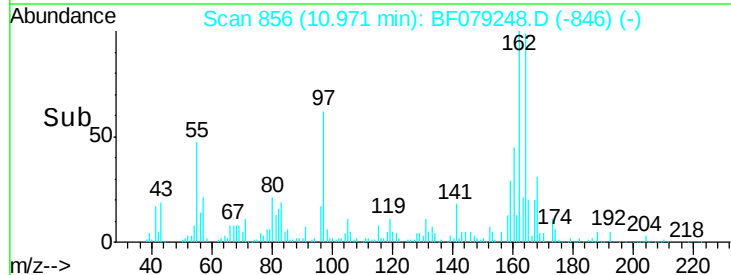
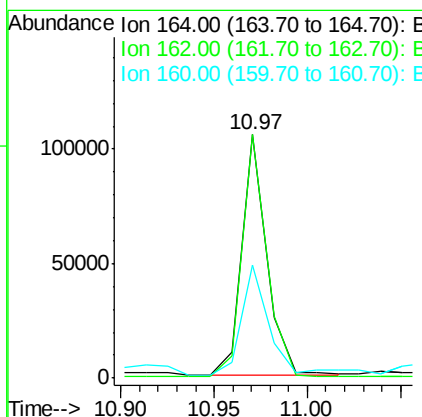
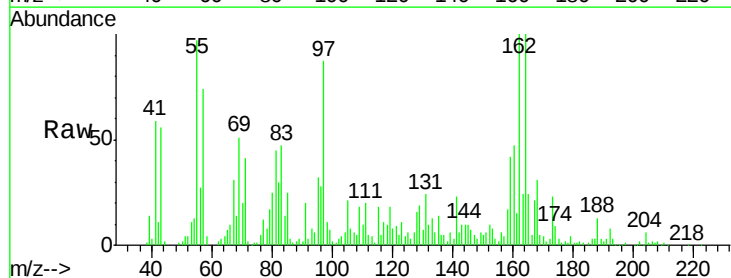
Instrument :
BNA_F
ClientSampleId :
SUMP1DL

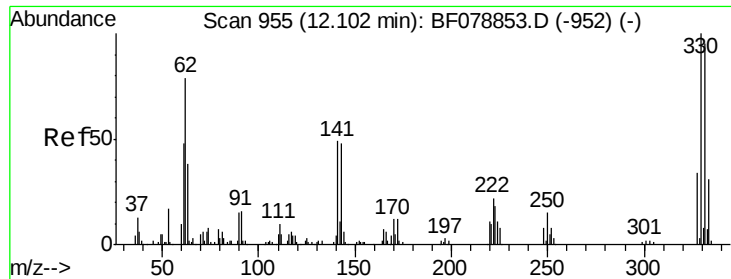
Tot Ion:142 Resp: 244868
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4
115 36.3 24.2 36.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF079248.D
Acq: 14 May 2015 23:12

Tgt Ion:164 Resp: 98047
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 46.7 36.6 54.8

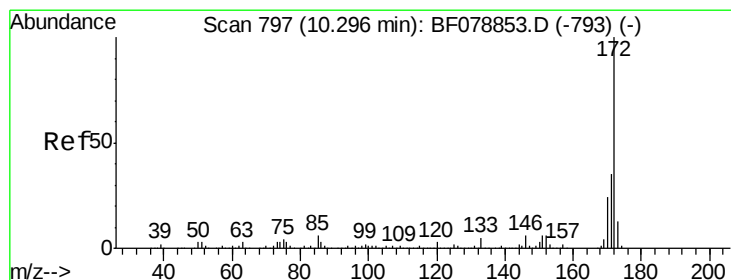
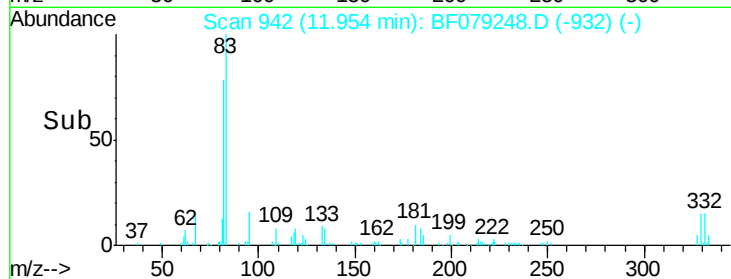
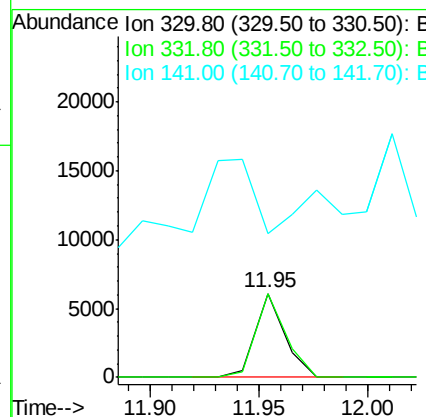
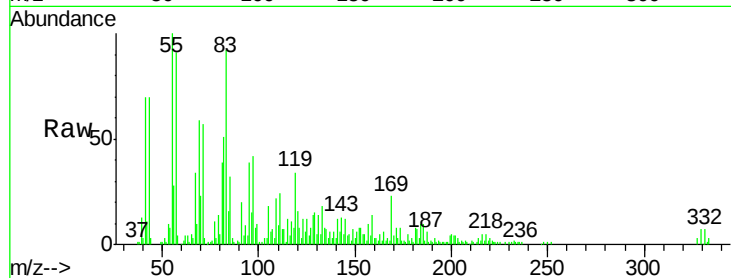




#41
 2,4,6-Tribromophenol
 Concen: 5.40 ng
 RT: 11.95 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF079248.D
 Acq: 14 May 2015 23:12

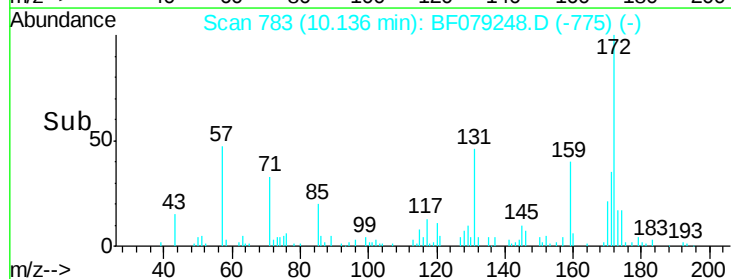
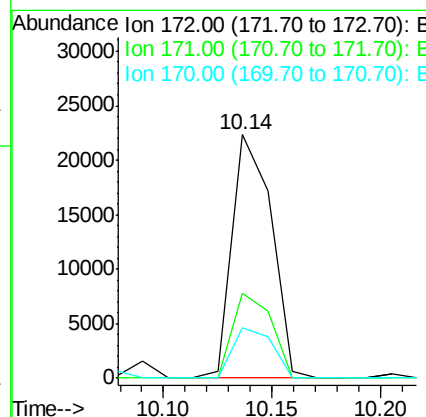
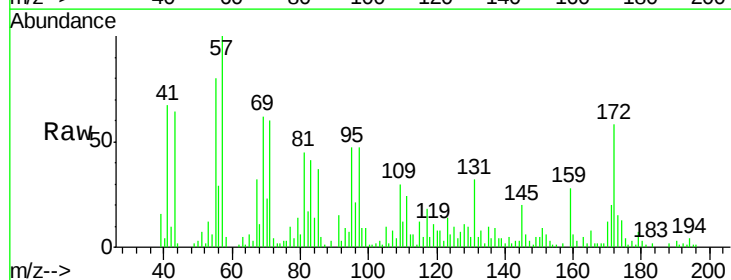
Instrument :
 BNA_F
 ClientSampled :
 SUMP1DL

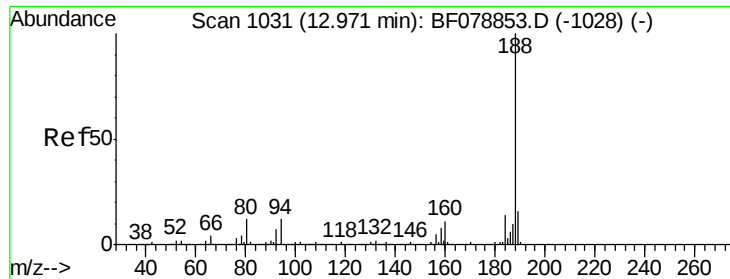
Tot Ion:330 Resp: 5725
 Ion Ratio Lower Upper
 330 100
 332 102.0 76.9 115.3
 141 110.4 27.8 41.8#



#44
 2-Fluorobiphenyl
 Concen: 3.97 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF079248.D
 Acq: 14 May 2015 23:12

Tgt Ion:172 Resp: 27939
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.3 42.5
 170 20.8 19.4 29.2

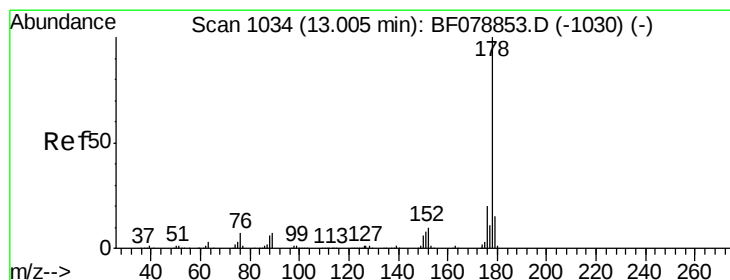
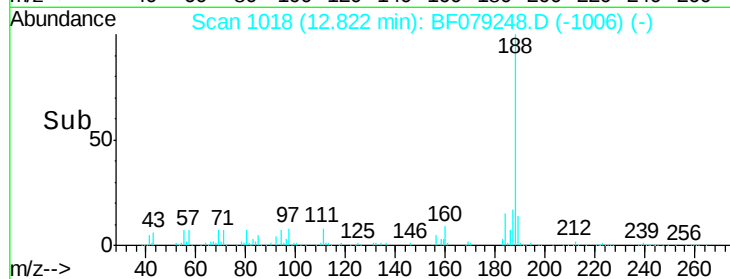
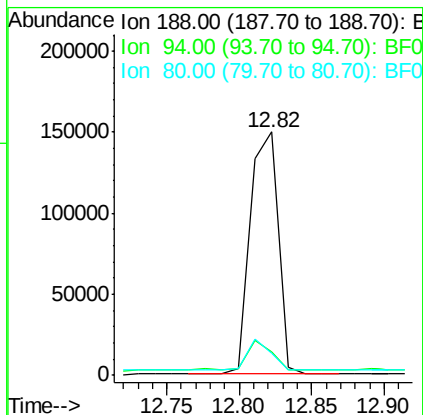
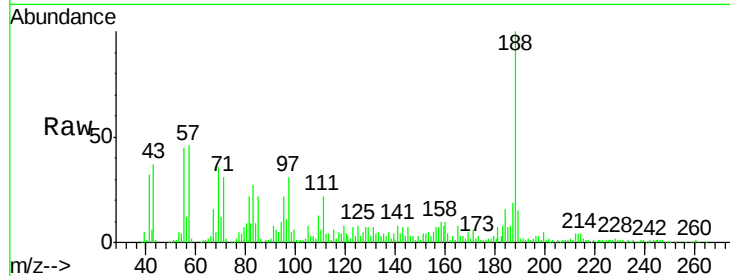




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF079248.D
Acq: 14 May 2015 23:12

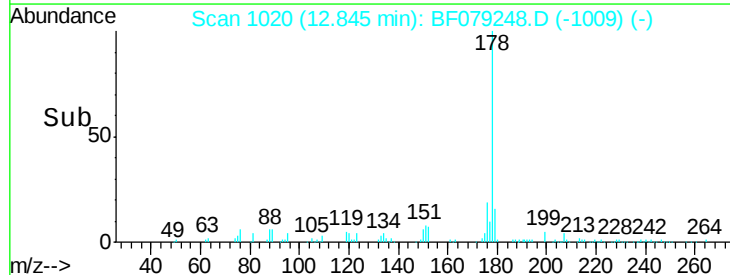
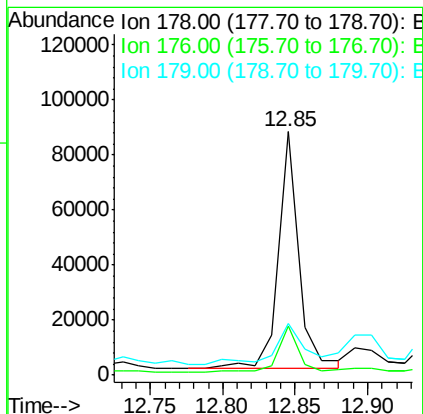
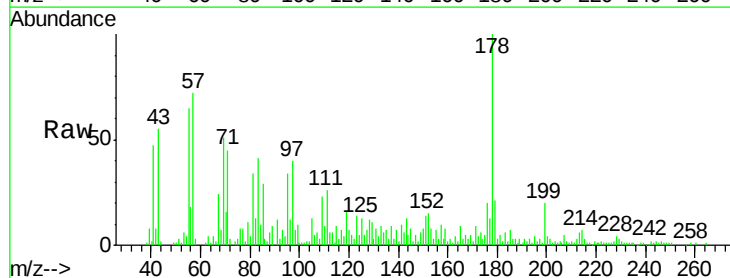
Instrument :
BNA_F
ClientSampleId :
SUMP1DL

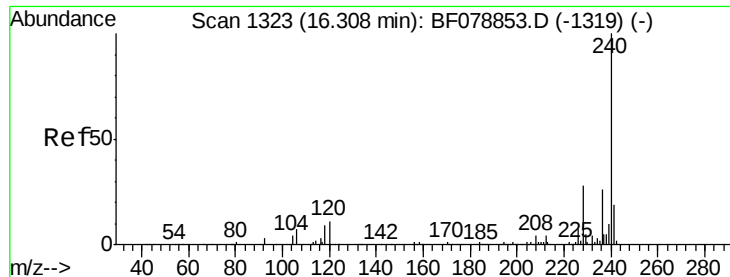
Tot Ion:188 Resp: 199733
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.0
80 9.2 9.8 14.6#



#70
Phenanthrene
Concen: 7.58 ng
RT: 12.85 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF079248.D
Acq: 14 May 2015 23:12

Tgt Ion:178 Resp: 84687
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 21.0 12.2 18.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.10 min Scan# 1305

Delta R.T. -0.14 min

Lab File: BF079248.D

Acq: 14 May 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SUMP1DL

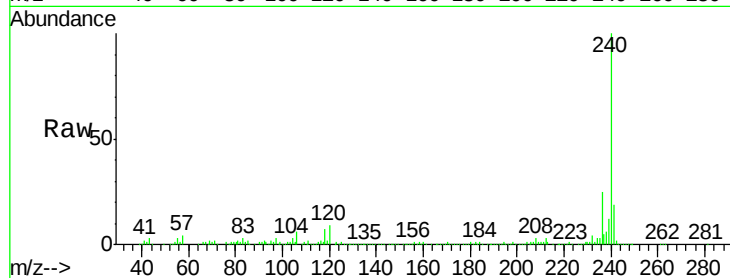
Tot Ion:240 Resp: 207114

Ion Ratio Lower Upper

240 100

120 9.1 8.6 12.8

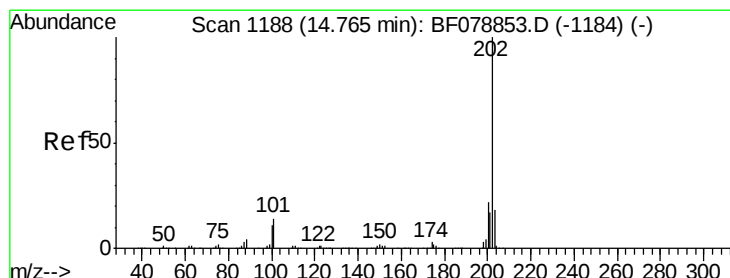
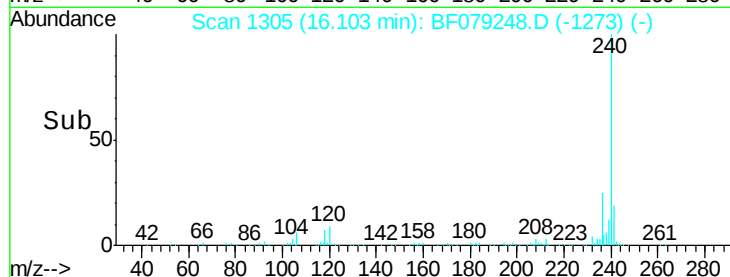
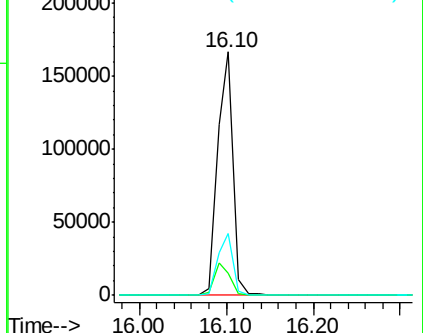
236 25.5 21.0 31.6



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



#77

Pyrene

Concen: 3.26 ng m

RT: 14.61 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF079248.D

Acq: 14 May 2015 23:12

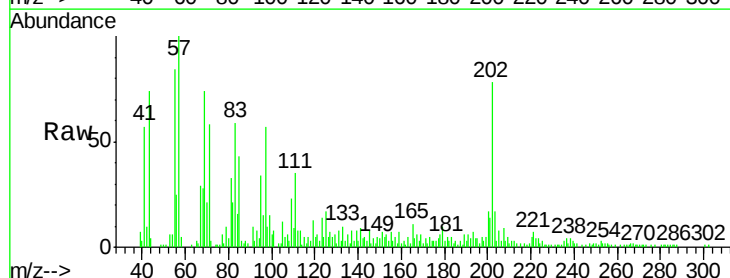
Tgt Ion:202 Resp: 38967

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

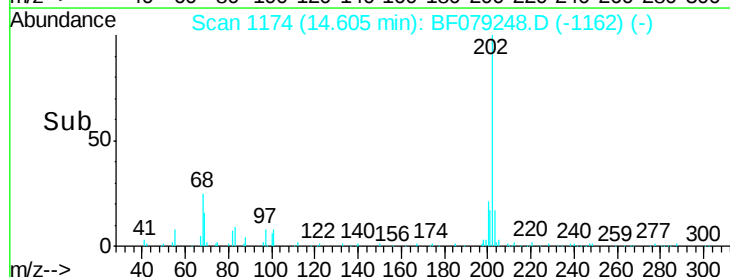
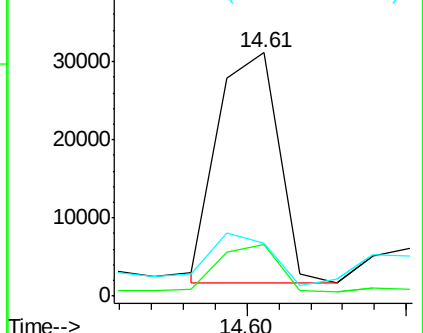
203 21.9 14.7 22.1

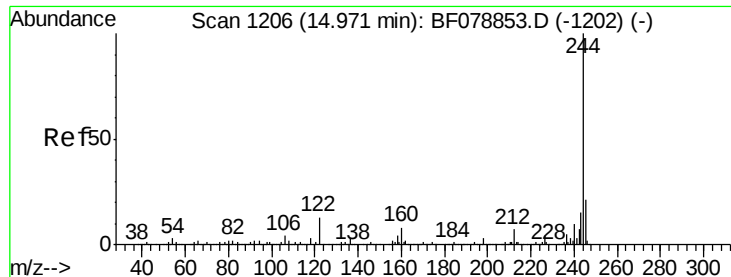


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 3.34 ng/mL

RT: 14.81 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF079248.D

Acq: 14 May 2015 23:12

Instrument :

BNA_F

ClientSampleID :

SUMP1DL

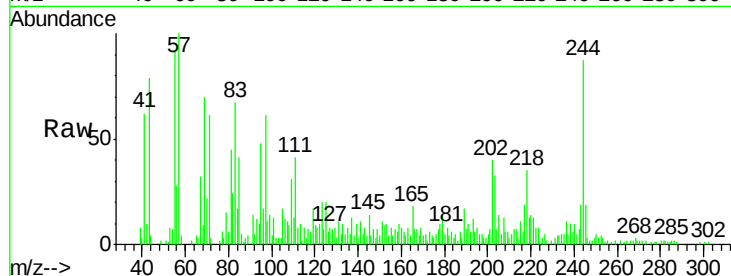
Tot Ion:244 Resp: 28895

Ion Ratio Lower Upper

244 100

212 8.3 5.6 8.4

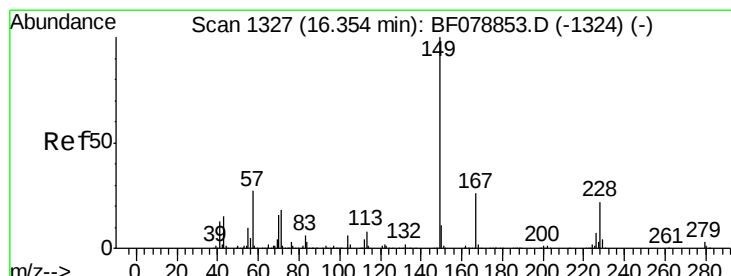
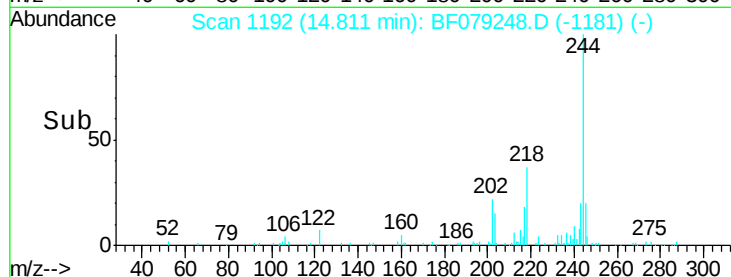
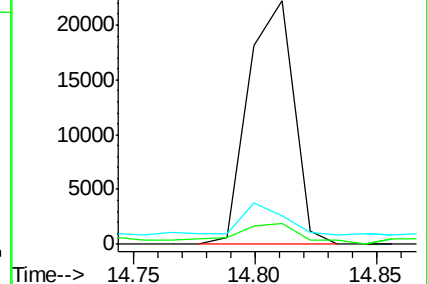
122 11.6 10.5 15.7



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.02 ng/mL

RT: 16.14 min Scan# 1308

Delta R.T. -0.17 min

Lab File: BF079248.D

Acq: 14 May 2015 23:12

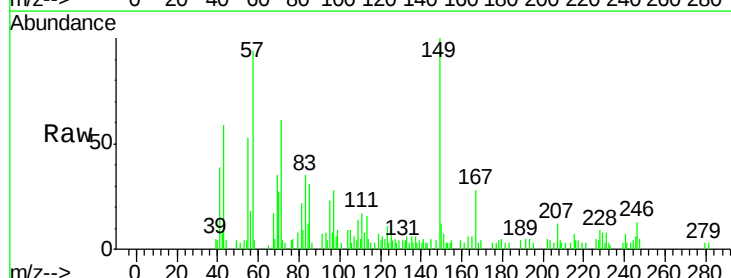
Tgt Ion:149 Resp: 15998

Ion Ratio Lower Upper

149 100

167 28.3 21.2 31.8

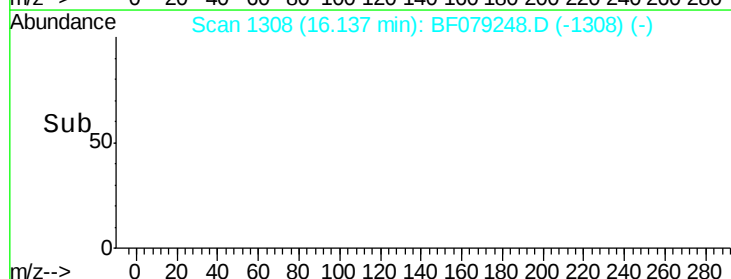
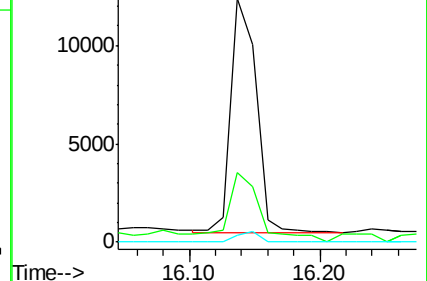
279 2.8 2.6 4.0

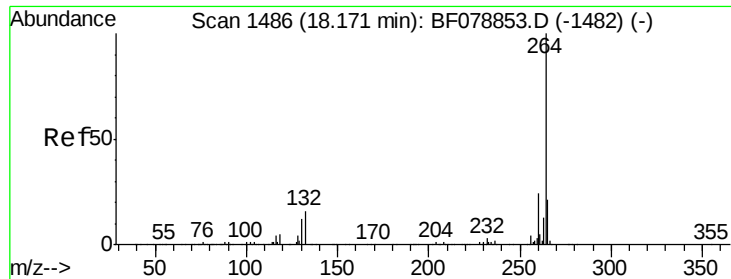


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.83 min Scan# 1456
Delta R.T. -0.47 min
Lab File: BF079248.D
Acq: 14 May 2015 23:12

Instrument :
BNA_F
ClientSampleId :
SUMP1DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.2	25.8

