

Data Path : Z:\HPCHEM1\BNA_F\Data\BF021115\
 Data File : BF077282.D
 Acq On : 12 Feb 2015 11:19
 Operator : TP/IZ
 Sample : G1280-01 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1501222551-52-53-COMP

Quant Time: Feb 18 16:18:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	26156	20.00	ng	-0.05
21) Naphthalene-d8	10.46	136	111295	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	54531	20.00	ng	-0.05
63) Phenanthrene-d10	17.48	188	98220	20.00	ng	-0.02
75) Chrysene-d12	20.99	240	95041	20.00	ng	-0.02
86) Perylene-d12	22.66	264	87562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.62	112	1858	1.17	ng	0.03
7) Phenol-d6	7.05	99	6366	3.17	ng	0.03
23) Nitrobenzene-d5	8.88	82	2497	1.24	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.12	172	7391	2.06	ng	-0.05
78) Terphenyl-d14	19.73	244	8346	2.02	ng	-0.02

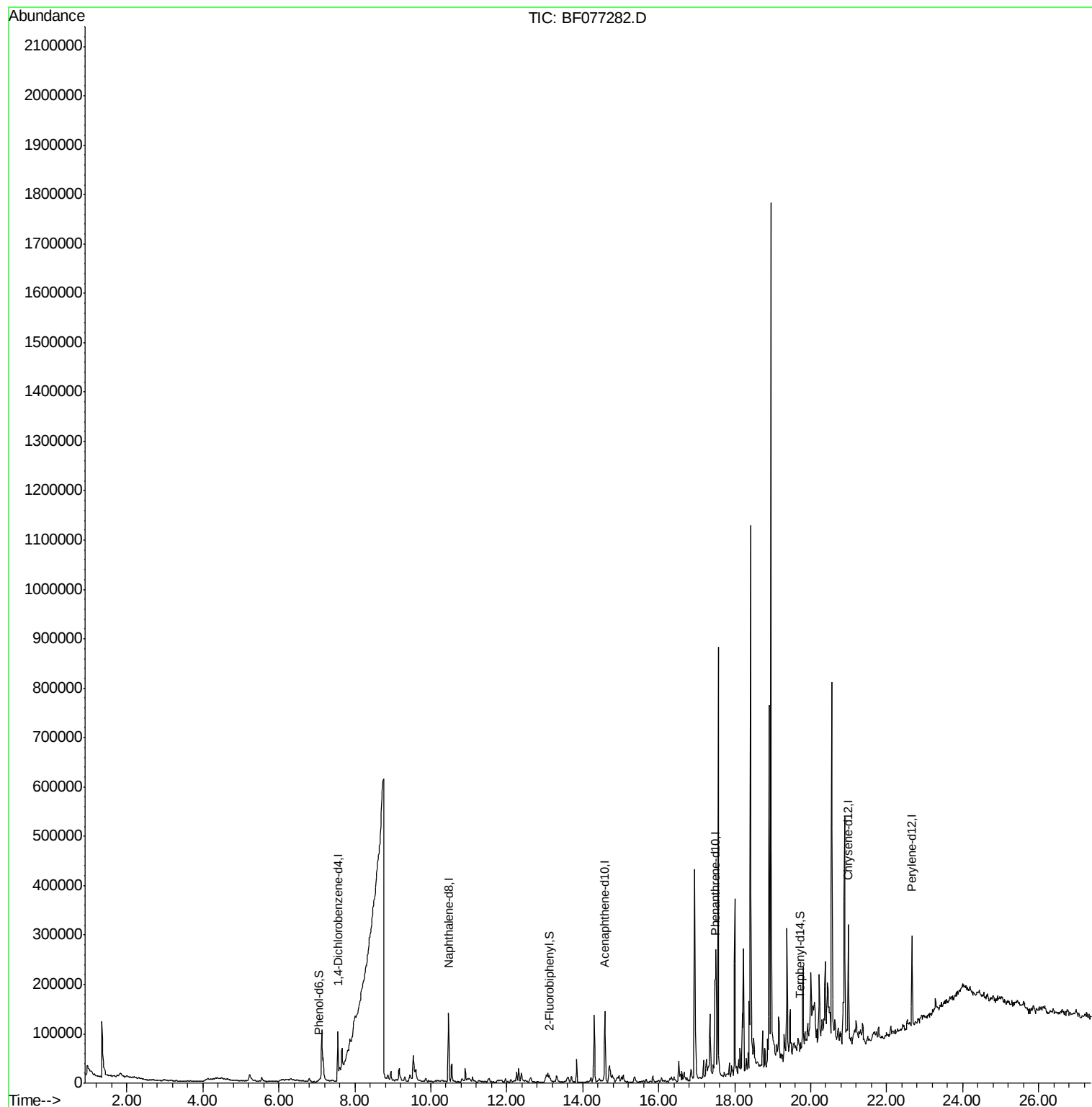
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.05 min

Lab File: BF077282.D

Acq: 12 Feb 2015 11:19

Instrument :

BNA_F

ClientSampleId :

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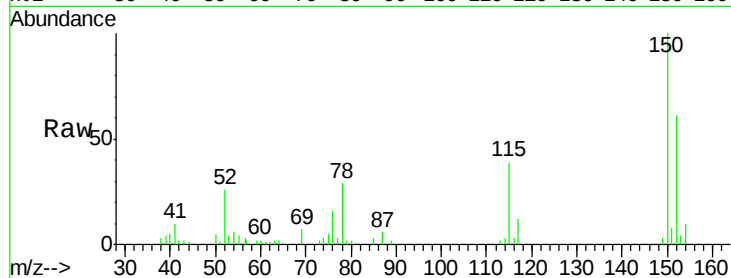
Tgt Ion:152 Resp: 26156

Ion Ratio Lower Upper

152 100

150 162.9 121.7 182.5

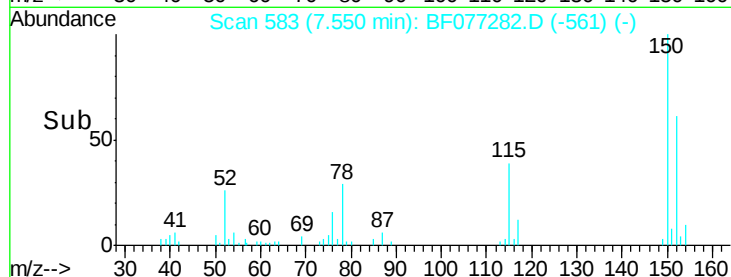
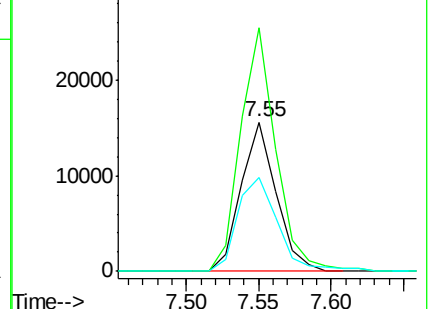
115 63.1 47.0 70.6



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



#5

2-Fluorophenol

Concen: 1.17 ng

RT: 4.62 min Scan# 327

Delta R.T. 0.03 min

Lab File: BF077282.D

Acq: 12 Feb 2015 11:19

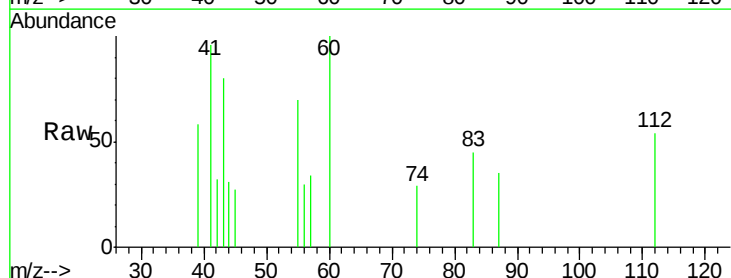
Tgt Ion:112 Resp: 1858

Ion Ratio Lower Upper

112 100

64 0.0 54.2 81.4#

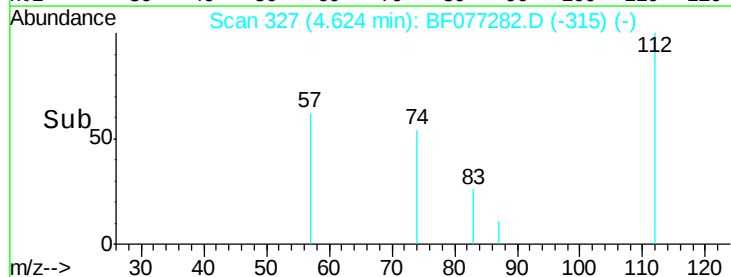
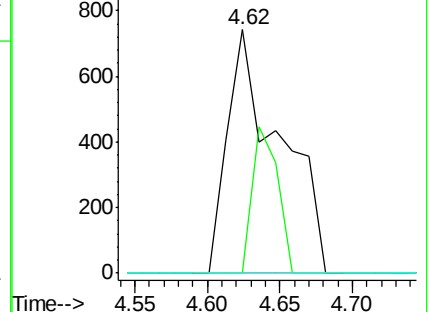
63 0.0 28.4 42.6#



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: 3.17 ng

RT: 7.05 min Scan# 539

Delta R.T. 0.03 min

Lab File: BF077282.D

Acq: 12 Feb 2015 11:19

Instrument :

BNA_F

ClientSampleId :

1501222551-52-53-COMP

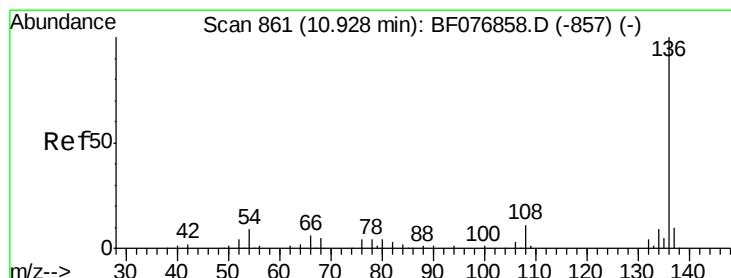
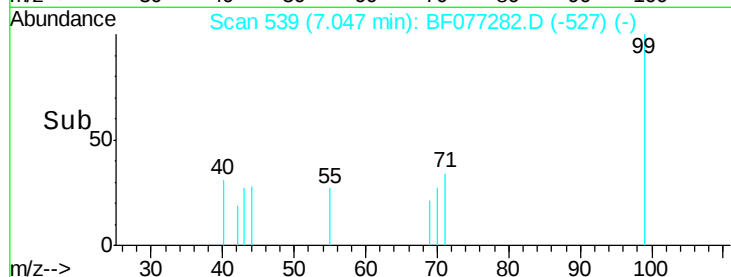
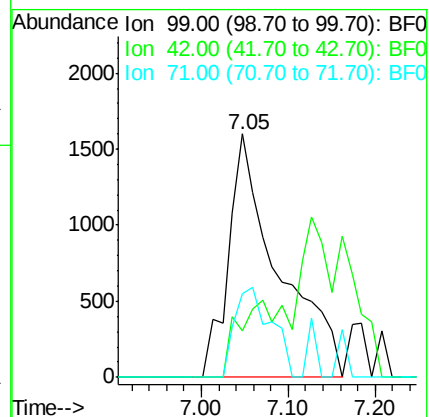
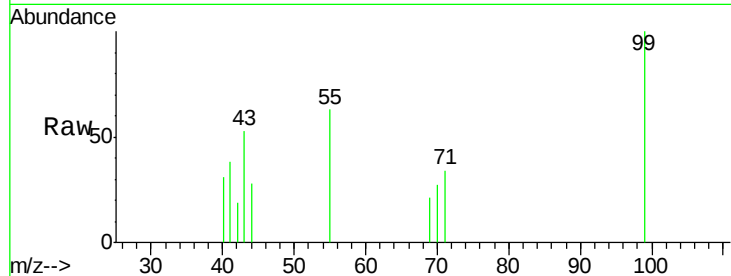
Tgt Ion: 99 Resp: 6366

Ion Ratio Lower Upper

99 100

42 19.1 15.0 22.4

71 34.3 30.5 45.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.46 min Scan# 838

Delta R.T. -0.03 min

Lab File: BF077282.D

Acq: 12 Feb 2015 11:19

Tgt Ion: 136 Resp: 111295

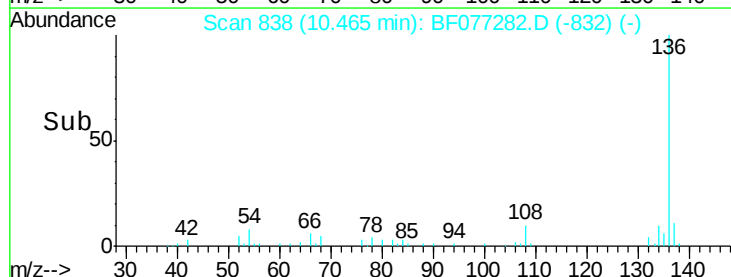
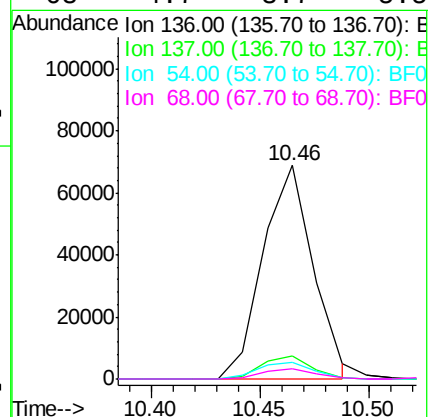
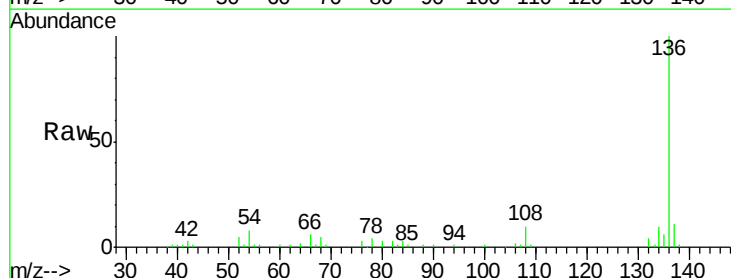
Ion Ratio Lower Upper

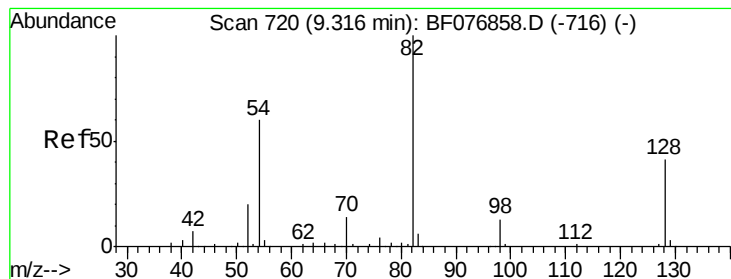
136 100

137 10.6 8.1 12.1

54 7.9 7.0 10.4

68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 1.24 ng

RT: 8.88 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF077282.D

Acq: 12 Feb 2015 11:19

Instrument :

BNA_F

ClientSampleId :

1501222551-52-53-COMP

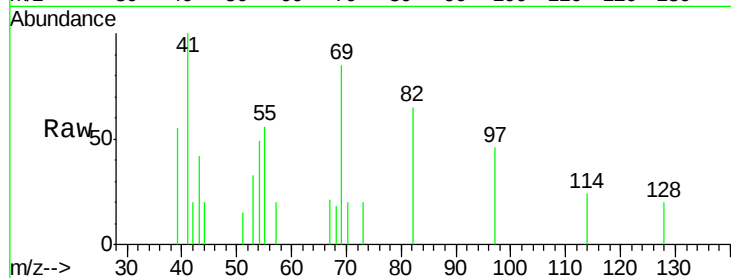
Tgt Ion: 82 Resp: 2497

Ion Ratio Lower Upper

82 100

128 31.3 33.1 49.7#

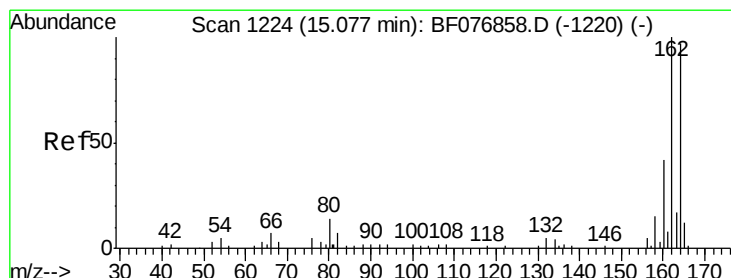
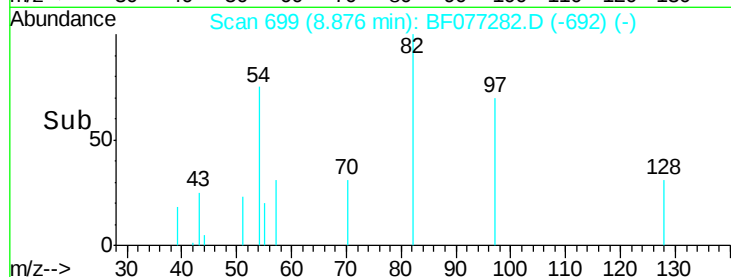
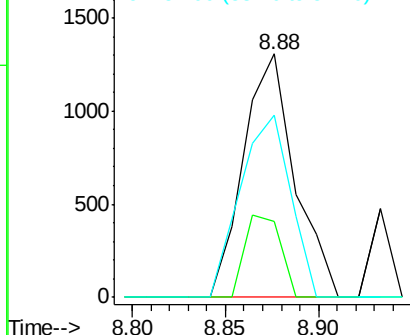
54 74.7 48.3 72.5#



Abundance Ion 82.00 (81.70 to 82.70): BF076858.D (-716) (-)

Ion 128.00 (127.70 to 128.70): BF076858.D (-716) (-)

Ion 54.00 (53.70 to 54.70): BF076858.D (-716) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.58 min Scan# 1198

Delta R.T. -0.05 min

Lab File: BF077282.D

Acq: 12 Feb 2015 11:19

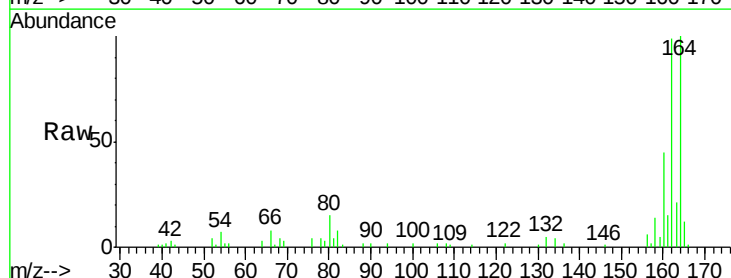
Tgt Ion: 164 Resp: 54531

Ion Ratio Lower Upper

164 100

162 99.3 82.4 123.6

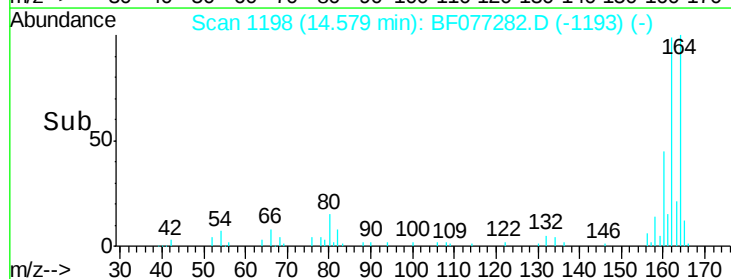
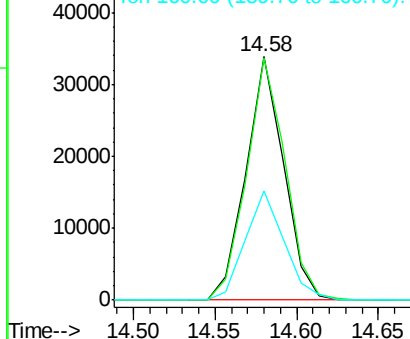
160 44.9 34.8 52.2

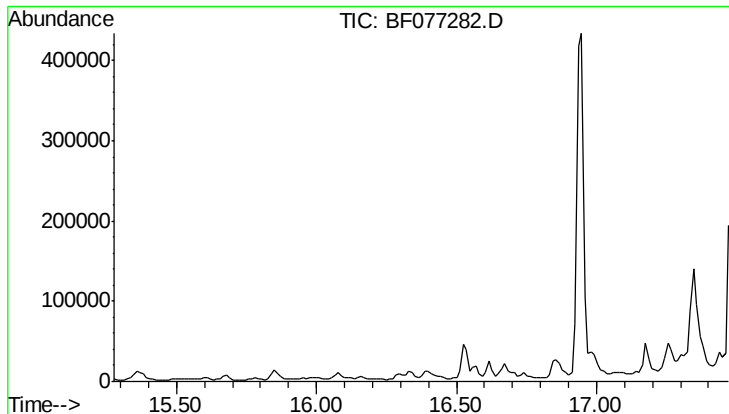


Abundance Ion 164.00 (163.70 to 164.70): BF076858.D (-1220) (-)

Ion 162.00 (161.70 to 162.70): BF076858.D (-1220) (-)

Ion 160.00 (159.70 to 160.70): BF076858.D (-1220) (-)

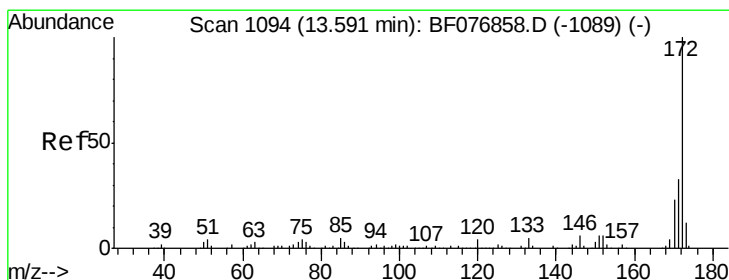
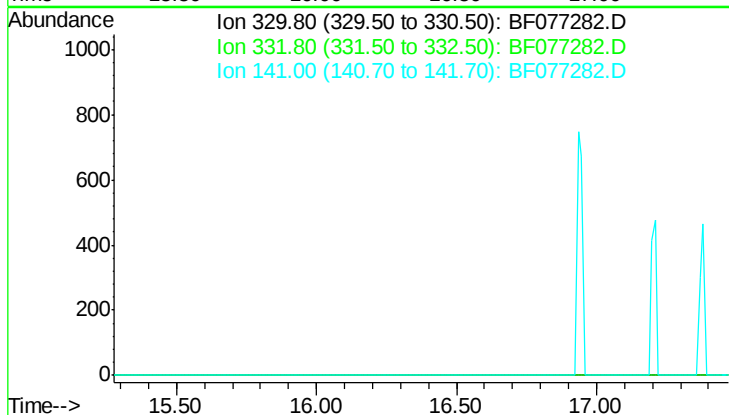




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.37 min
 Lab File: BF077282.D
 Acq: 12 Feb 2015 11:19

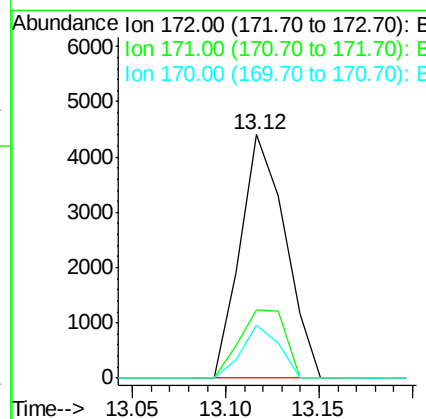
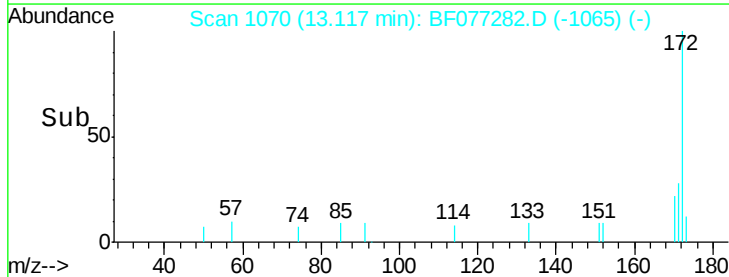
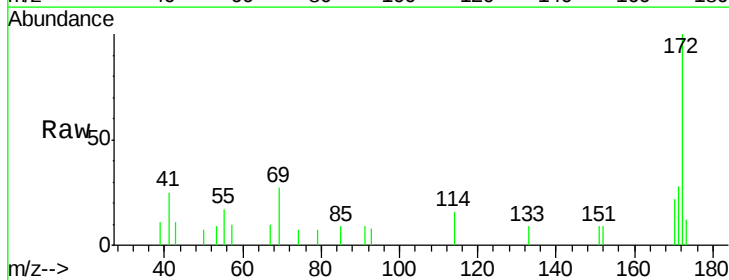
Instrument :
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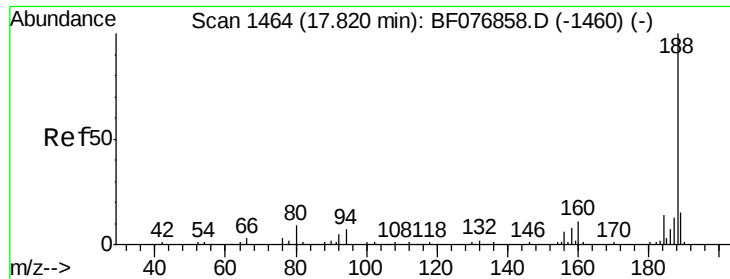
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 97.2
 141 48.1



#44
 2-Fluorobiphenyl
 Concen: 2.06 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. -0.05 min
 Lab File: BF077282.D
 Acq: 12 Feb 2015 11:19

Tgt Ion: 172 Resp: 7391
 Ion Ratio Lower Upper
 172 100
 171 28.0 26.6 40.0
 170 21.8 18.0 27.0

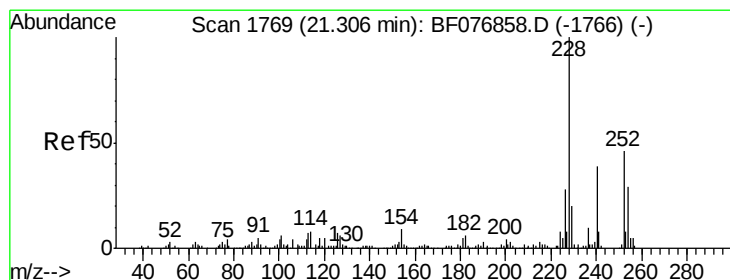
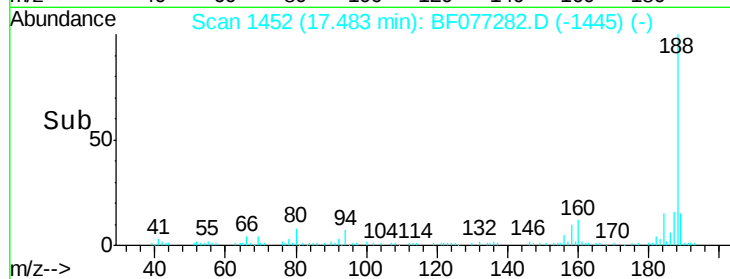
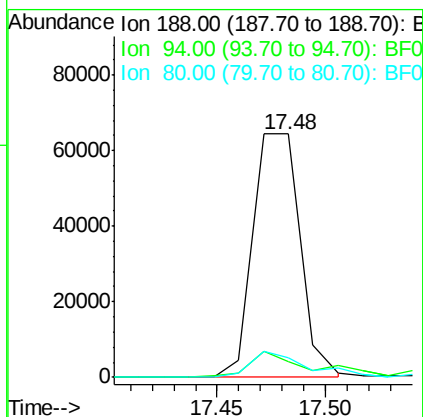
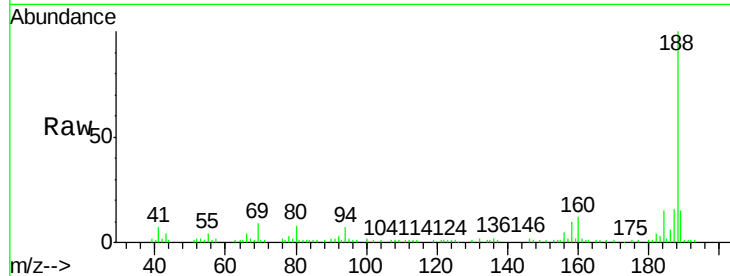




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF077282.D
Acq: 12 Feb 2015 11:19

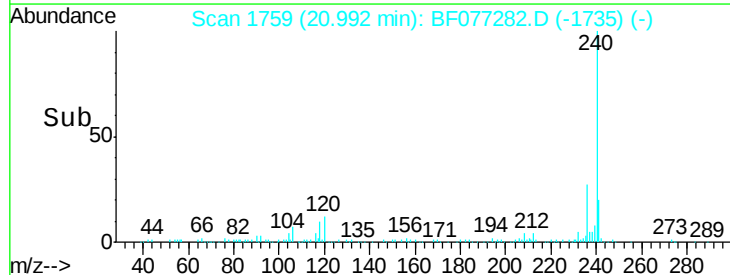
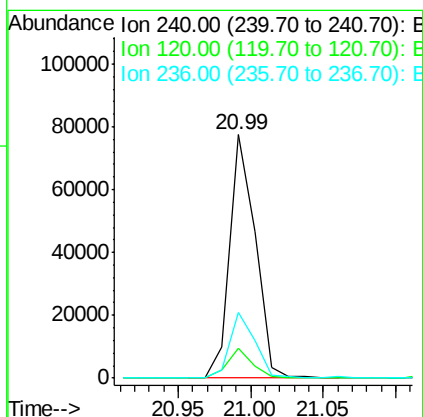
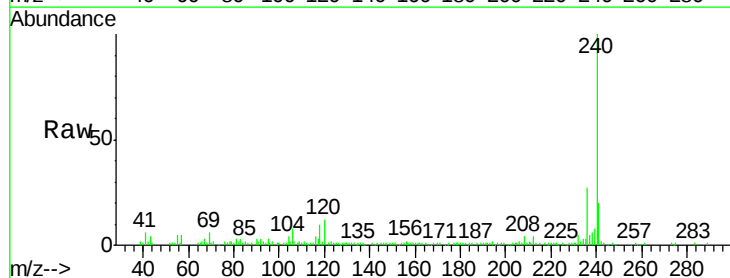
Instrument :
BNA_F
ClientSampleId :
1501222551-52-53-COMP

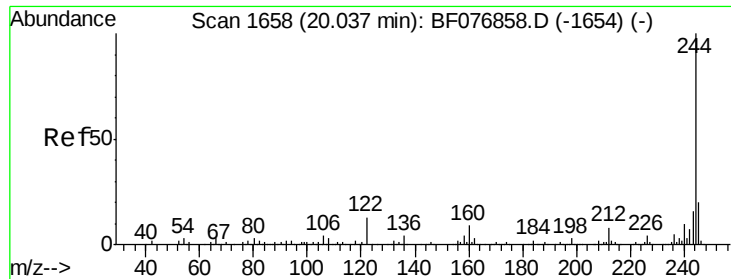
Tgt Ion:188 Resp: 98220
Ion Ratio Lower Upper
188 100
94 6.5 6.0 9.0
80 8.3 6.9 10.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.99 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BF077282.D
Acq: 12 Feb 2015 11:19

Tgt Ion:240 Resp: 95041
Ion Ratio Lower Upper
240 100
120 12.1 10.4 15.6
236 27.2 20.2 30.2

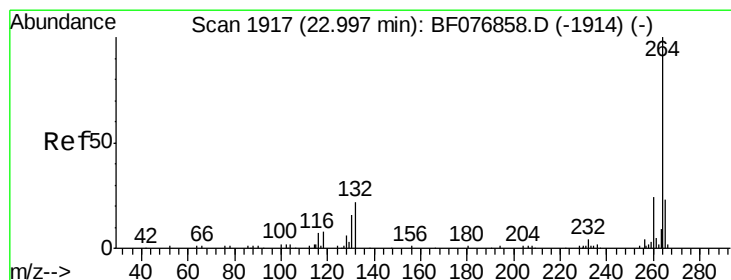
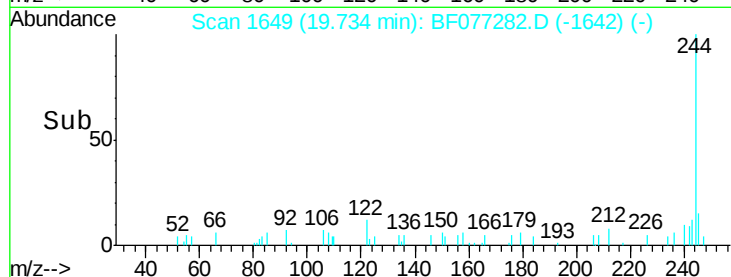
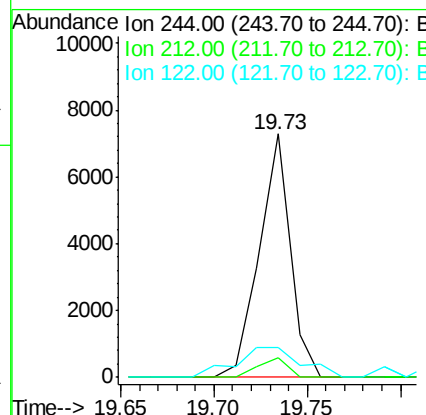
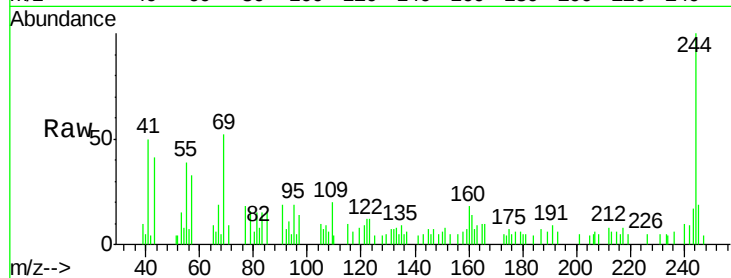




#78
 Terphenyl-d14
 Concen: 2.02 ng
 RT: 19.73 min Scan# 1649
 Delta R.T. -0.02 min
 Lab File: BF077282.D
 Acq: 12 Feb 2015 11:19

Instrument :
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 1501222551-52-53-COMP

Tgt Ion: 244 Resp: 8346
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 12.5 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.66 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BF077282.D
 Acq: 12 Feb 2015 11:19

Tgt Ion: 264 Resp: 87562
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 21.3 18.1 27.1

