

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078405.D
 Acq On : 10 Apr 2015 17:58
 Operator : TP/IZ
 Sample : PB82509BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BL

Quant Time: Apr 11 00:47:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

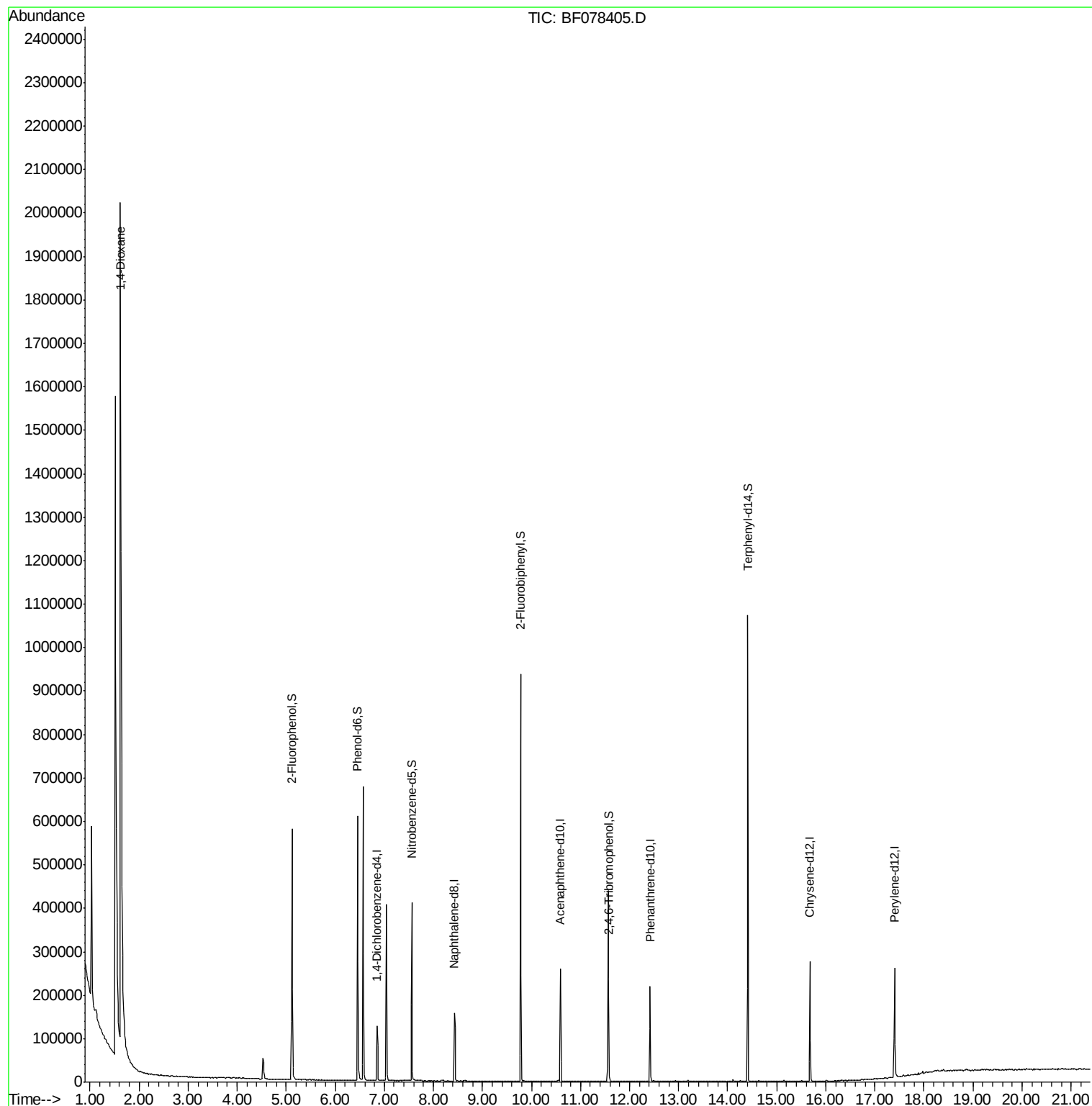
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	25437	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	101272	20.00	ng	-0.01
38) Acenaphthene-d10	10.59	164	51698	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	101785	20.00	ng	0.00
75) Chrysene-d12	15.68	240	114032	20.00	ng	-0.01
86) Perylene-d12	17.40	264	114092	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	199532	129.33	ng	0.00
7) Phenol-d6	6.45	99	245416	126.93	ng	-0.01
23) Nitrobenzene-d5	7.56	82	147765	88.44	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	61562	143.58	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	303997	84.05	ng	0.00
78) Terphenyl-d14	14.41	244	389447	77.17	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.62	88	82124	117.72	ng	Qvalue # 23

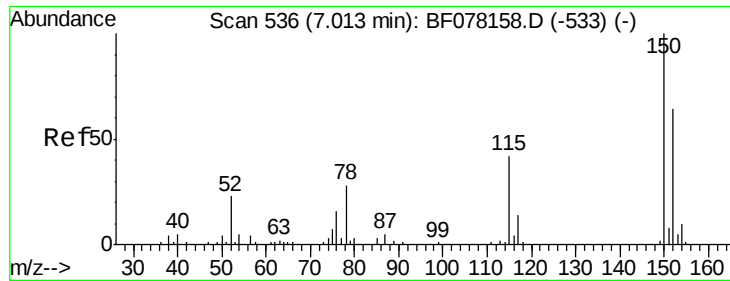
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF078405.D

Acq: 10 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB82775BL

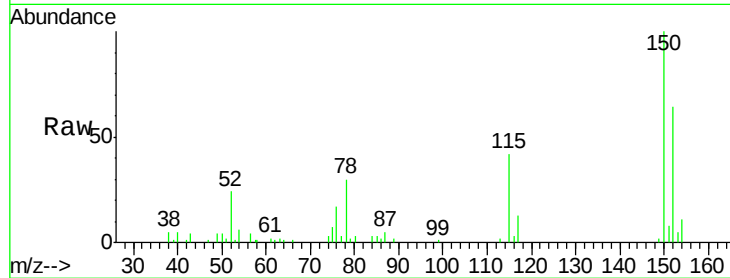
Tgt Ion:152 Resp: 25437

Ion Ratio Lower Upper

152 100

150 156.7 125.9 188.9

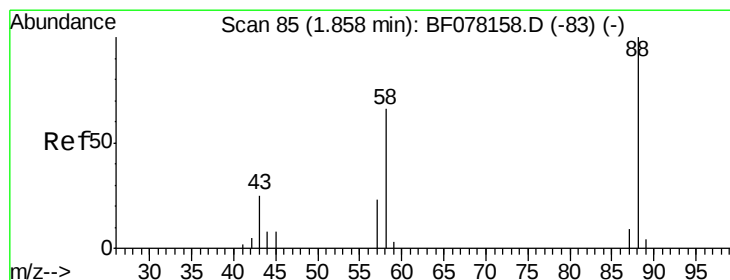
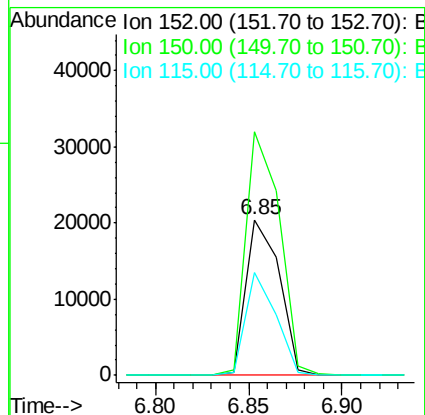
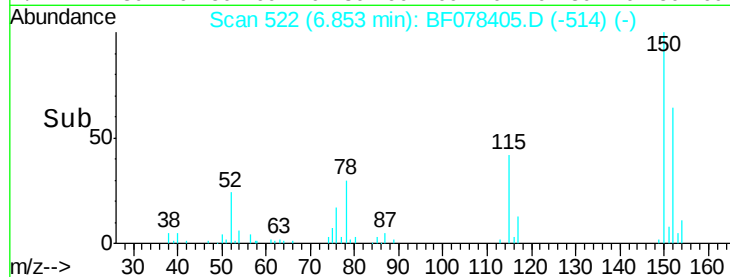
115 66.3 52.7 79.1



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: 117.72 ng

RT: 1.62 min Scan# 64

Delta R.T. -0.02 min

Lab File: BF078405.D

Acq: 10 Apr 2015 17:58

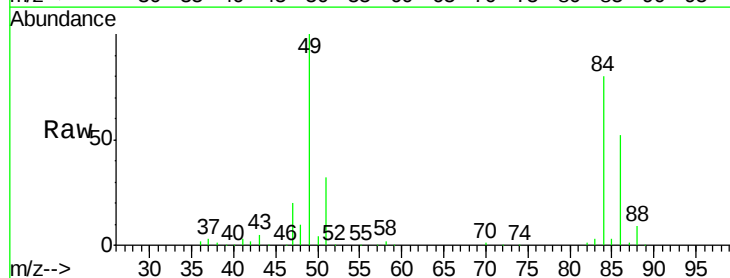
Tgt Ion: 88 Resp: 82124

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

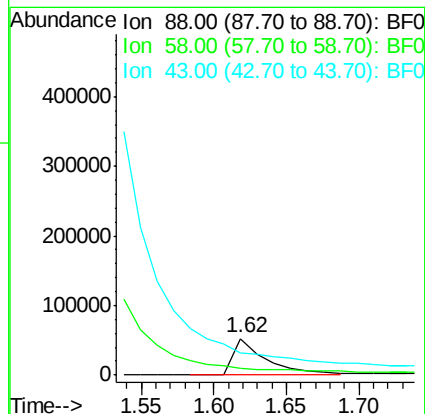
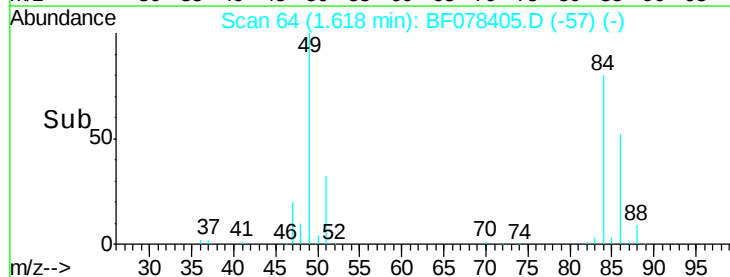
43 0.0 21.4 32.2#

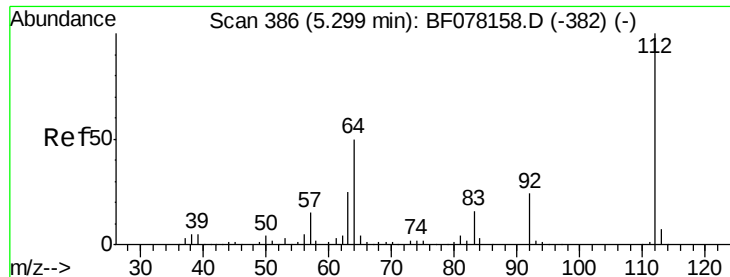


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 129.33 ng

RT: 5.12 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078405.D

Acq: 10 Apr 2015 17:58

Instrument :

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PB82775BL

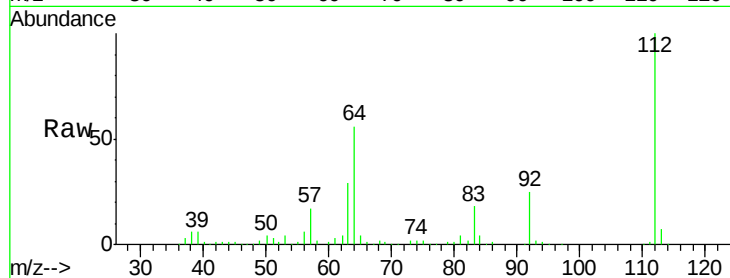
Tgt Ion: 112 Resp: 199532

Ion Ratio Lower Upper

112 100

64 56.2 39.9 59.9

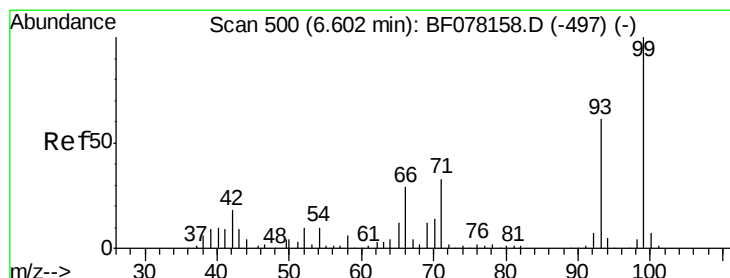
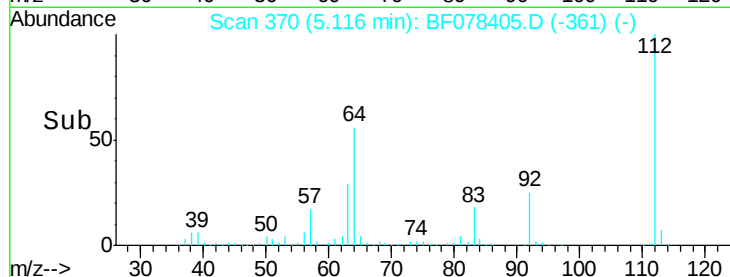
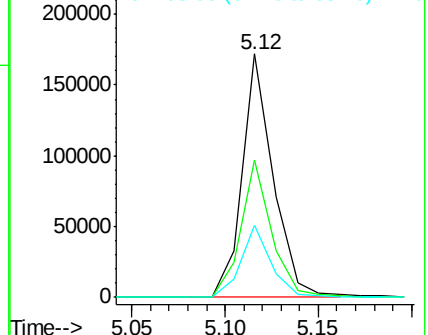
63 29.4 20.2 30.4



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: 126.93 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078405.D

Acq: 10 Apr 2015 17:58

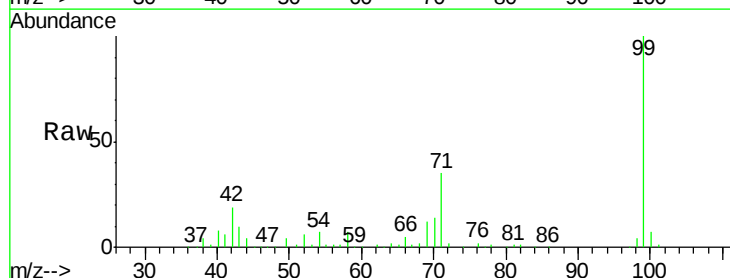
Tgt Ion: 99 Resp: 245416

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

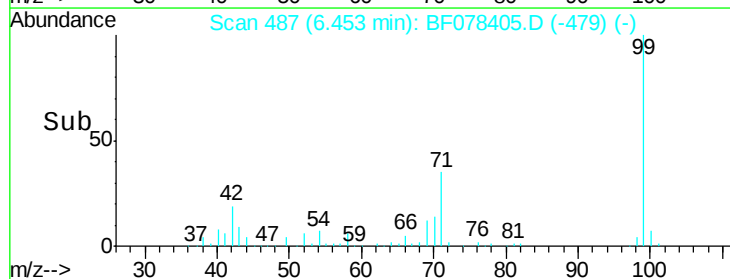
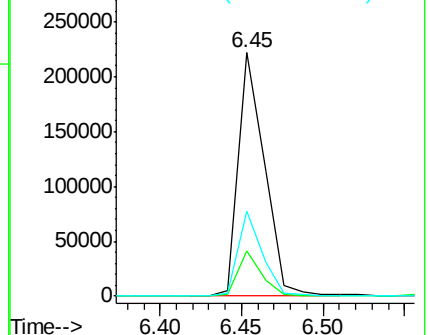
71 34.6 26.6 39.8



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: 8.43 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF078405.D

Acq: 10 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB82775BL

Tgt Ion:136 Resp: 101272

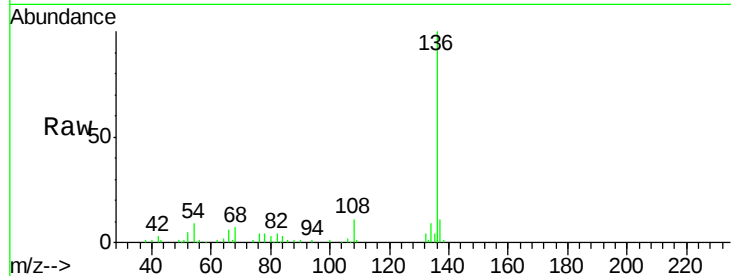
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 9.3 7.0 10.6

68 7.0 5.4 8.2

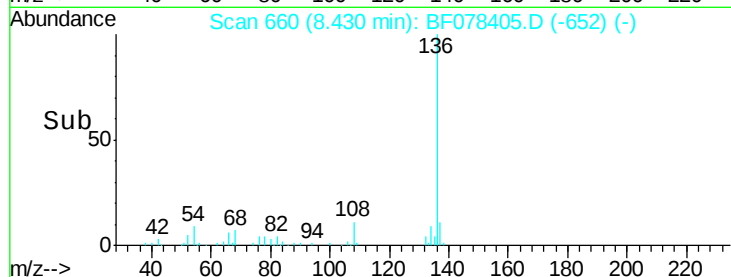


Abundance Ion 136.00 (135.70 to 136.70): E

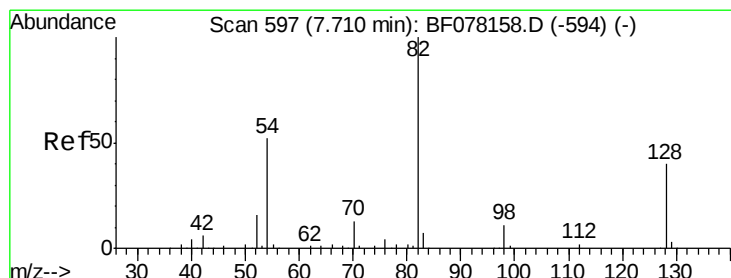
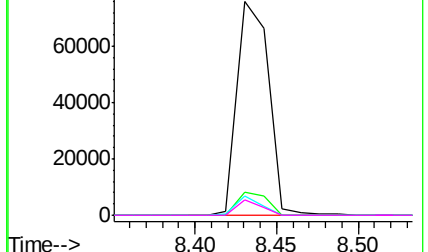
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 88.44 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078405.D

Acq: 10 Apr 2015 17:58

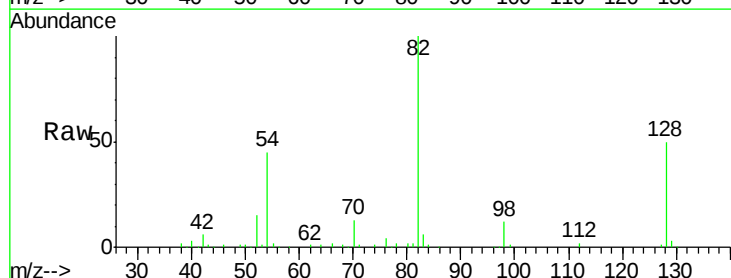
Tgt Ion: 82 Resp: 147765

Ion Ratio Lower Upper

82 100

128 50.3 31.8 47.8#

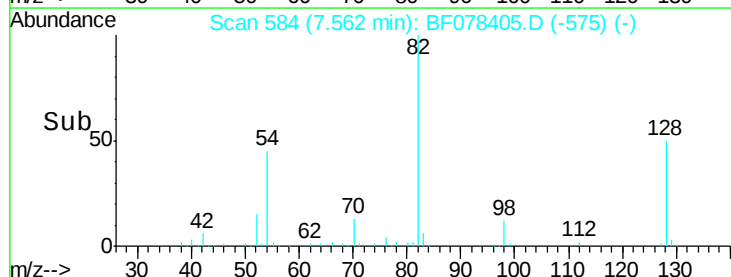
54 44.9 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

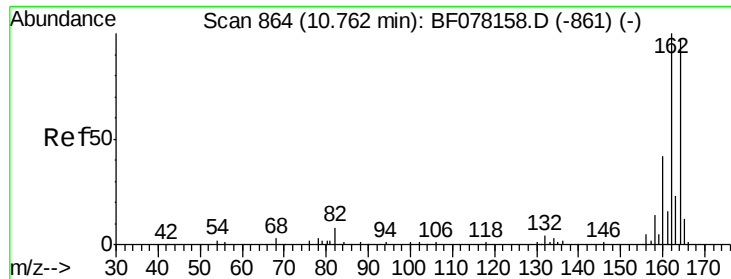
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

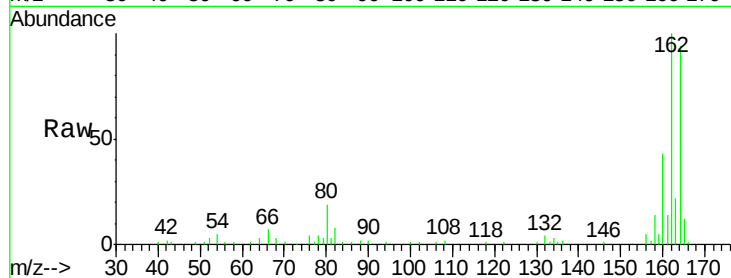




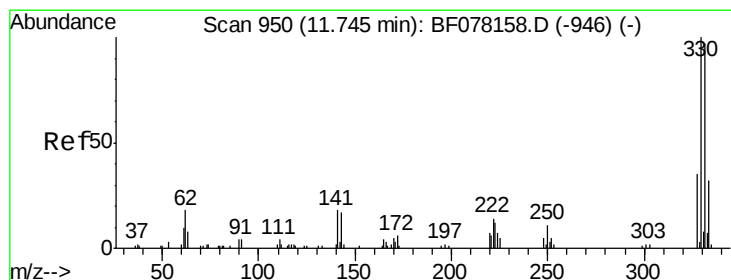
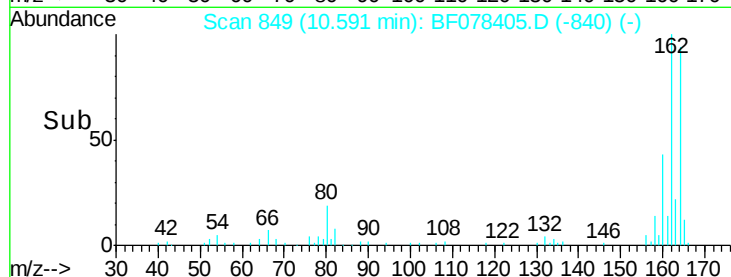
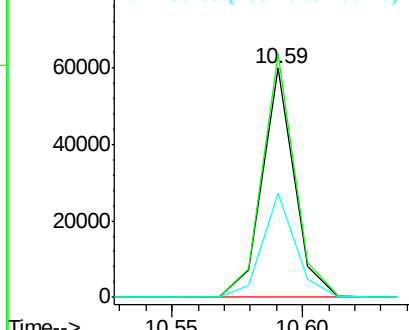
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF078405.D
 Acq: 10 Apr 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BL

Tgt Ion:164 Resp: 51698
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.2 123.2
 160 45.2 34.7 52.1

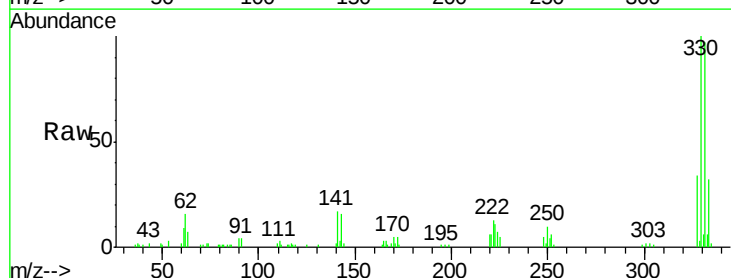


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

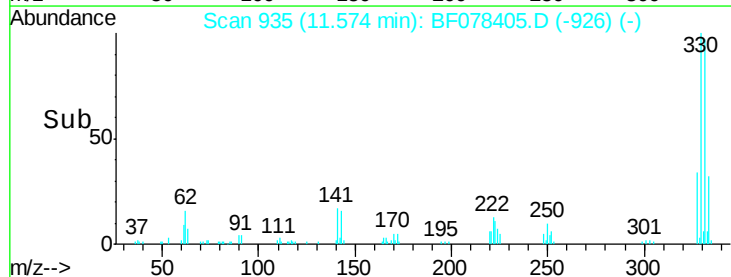
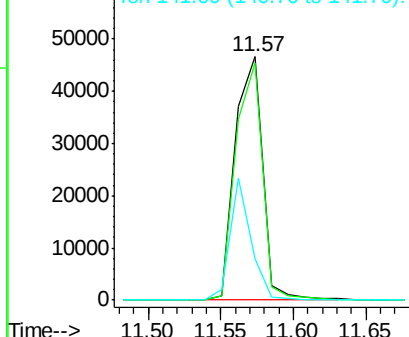


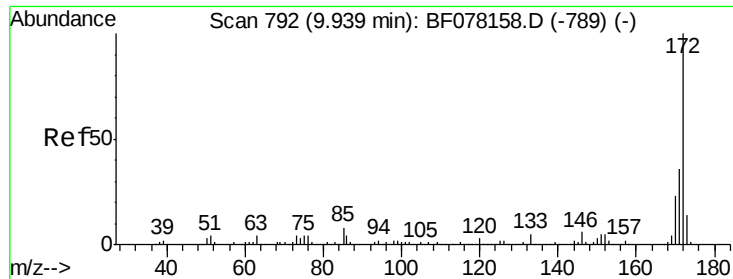
#41
 2,4,6-Tribromophenol
 Concen: 143.58 ng
 RT: 11.57 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF078405.D
 Acq: 10 Apr 2015 17:58

Tgt Ion:330 Resp: 61562
 Ion Ratio Lower Upper
 330 100
 332 94.9 78.6 117.8
 141 38.3 31.2 46.8



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

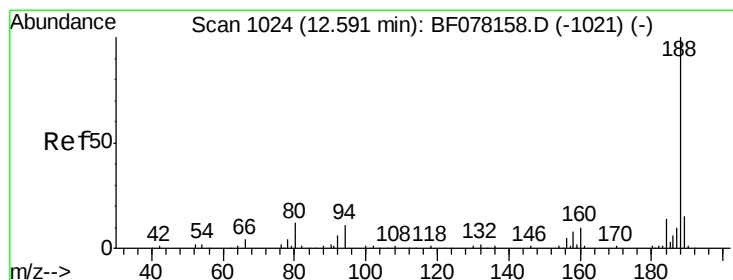
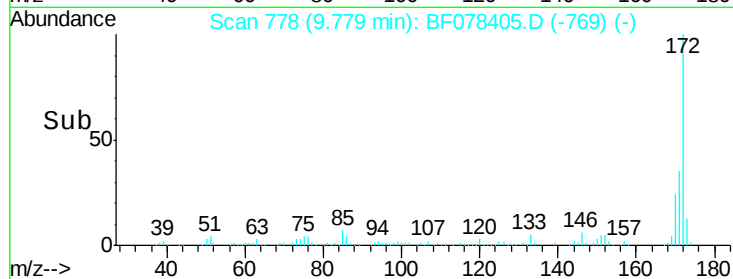
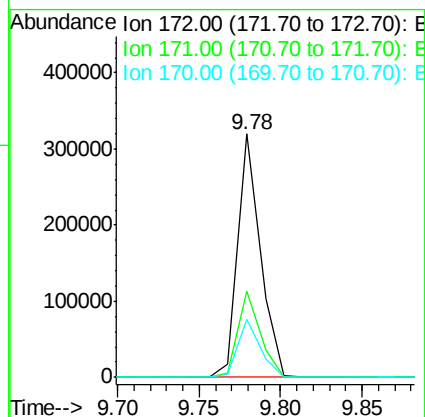
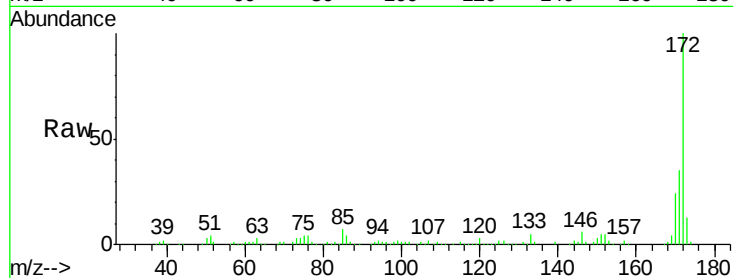




#44
 2-Fluorobiphenyl
 Concen: 84.05 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF078405.D
 Acq: 10 Apr 2015 17:58

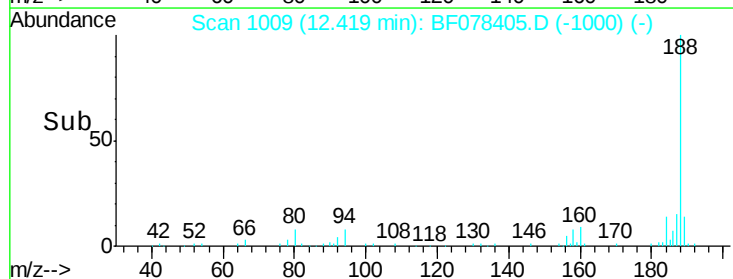
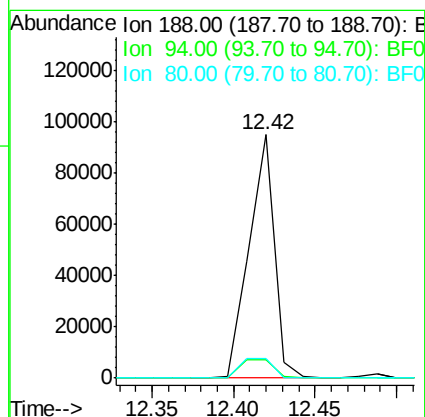
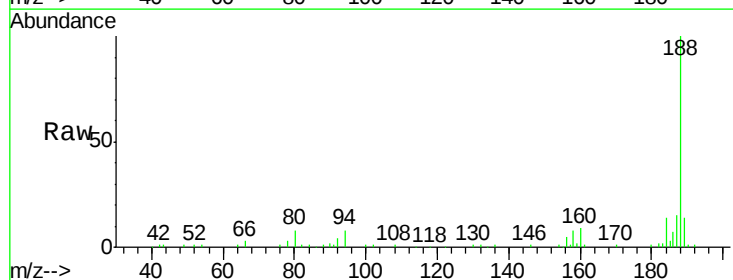
Instrument :
 BNA_F
 ClientSampleId :
 PB82775BL

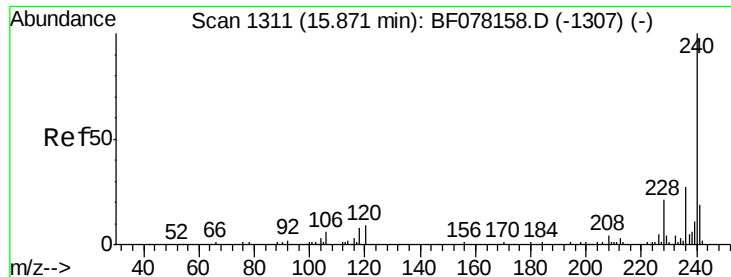
Tgt Ion:172 Resp: 303997
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.6 18.5 27.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078405.D
 Acq: 10 Apr 2015 17:58

Tgt Ion:188 Resp: 101785
 Ion Ratio Lower Upper
 188 100
 94 7.6 9.0 13.4#
 80 8.3 9.5 14.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.68 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF078405.D

Acq: 10 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB82775BL

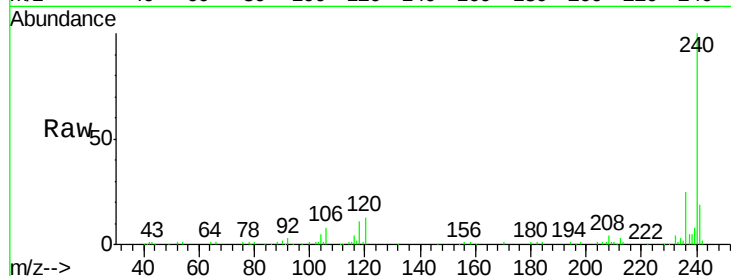
Tgt Ion:240 Resp: 114032

Ion Ratio Lower Upper

240 100

120 12.9 7.1 10.7#

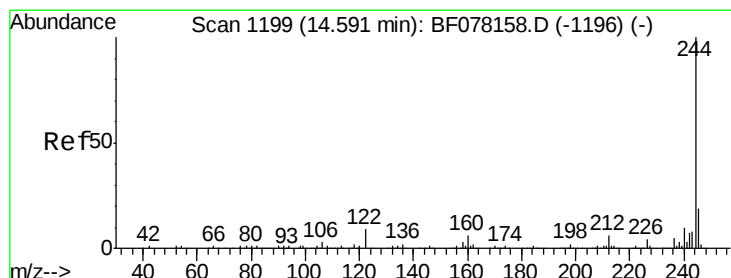
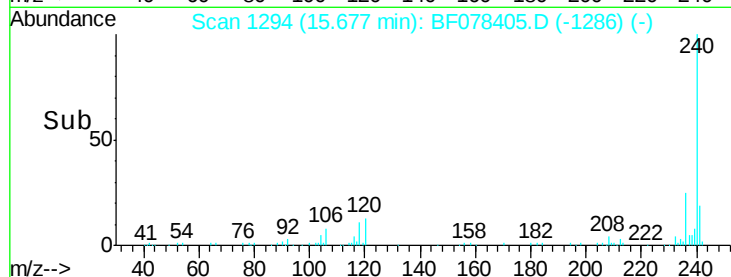
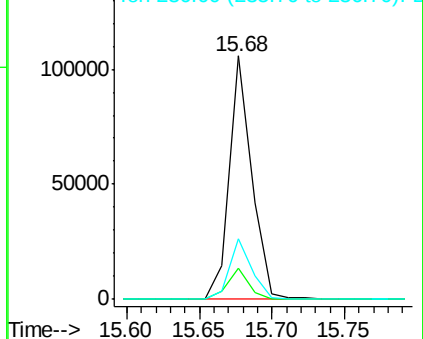
236 25.1 21.4 32.2



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: 77.17 ng

RT: 14.41 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF078405.D

Acq: 10 Apr 2015 17:58

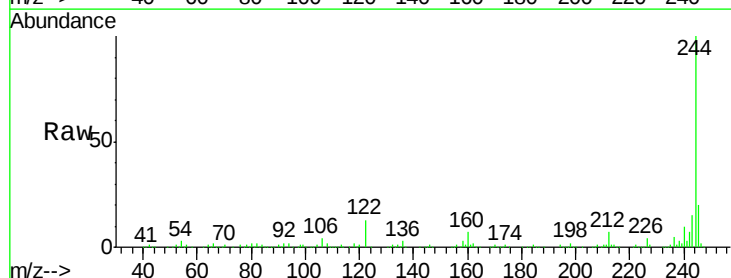
Tgt Ion:244 Resp: 389447

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

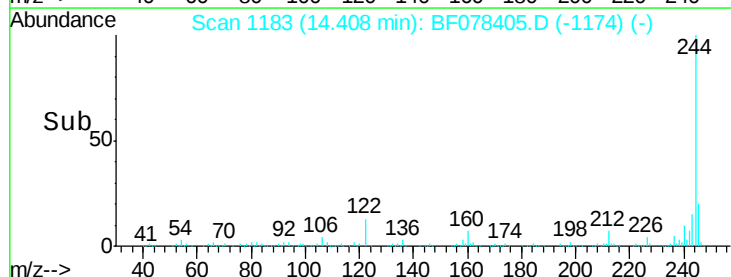
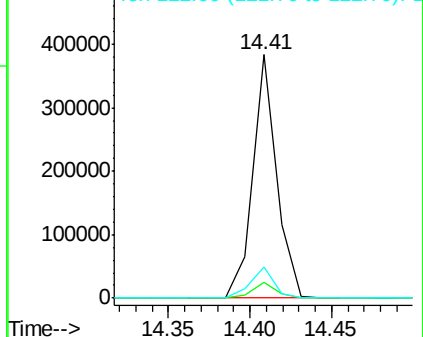
122 12.5 7.1 10.7#

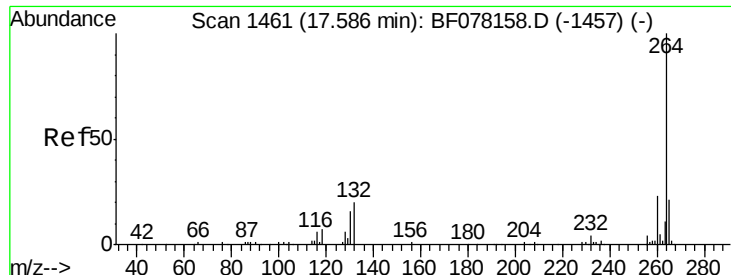


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

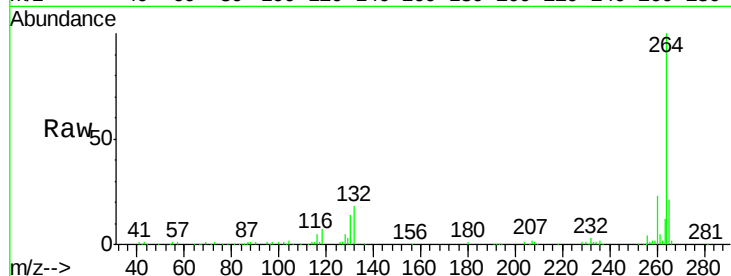




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.40 min Scan# 1445
Delta R.T. -0.05 min
Lab File: BF078405.D
Acq: 10 Apr 2015 17:58

Instrument :
BNA_F
ClientSampleId :
PB82775BL

Tgt Ion: 264 Resp: 114092
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.2 17.0 25.6



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

