

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
 Data File : BF078842.D
 Acq On : 30 Apr 2015 7:04
 Operator : TP/IZ
 Sample : G2021-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-5-10

Quant Time: Apr 30 07:57:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 07:36:56 2015
 Response via : Initial Calibration

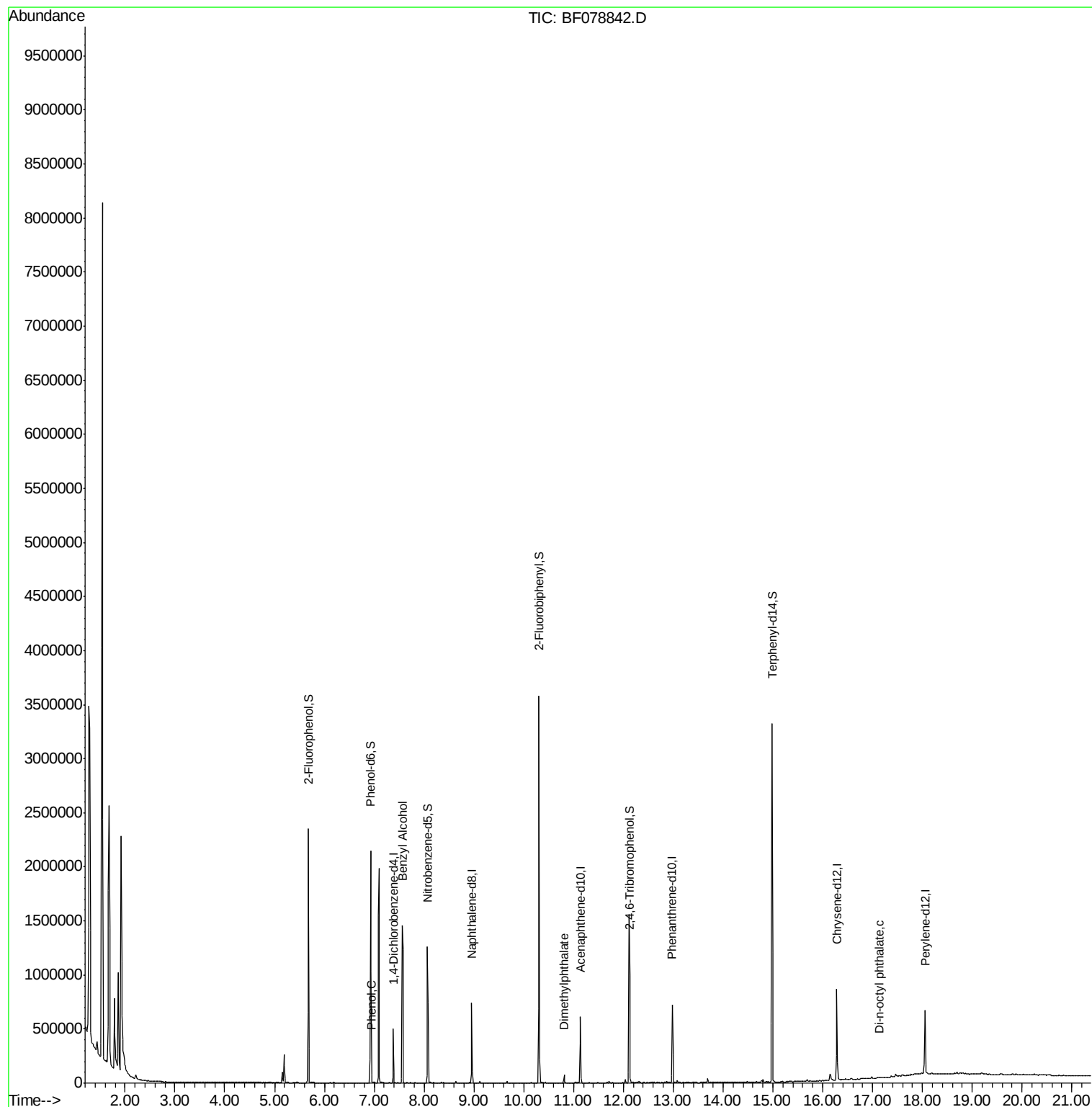
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	72568	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	312259	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	150115	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	281754	20.00	ng	0.00
75) Chrysene-d12	16.29	240	311374	20.00	ng	0.00
86) Perylene-d12	18.06	264	340811	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	657123	166.32	ng	0.01
7) Phenol-d6	6.92	99	846326	160.39	ng	0.00
23) Nitrobenzene-d5	8.07	82	481631	111.05	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	244540	162.48	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	1045800	95.40	ng	0.00
78) Terphenyl-d14	14.98	244	1203770	92.07	ng	0.00
Target Compounds						
10) Phenol	6.95	94	25805	4.14	ng	Qvalue 95
15) Benzyl Alcohol	7.56	79	9578	2.44	ng	# 53
49) Dimethylphthalate	10.81	163	30989	2.90	ng	98
84) Di-n-octyl phthalate	17.13	149	479	6.96	ng	# 100

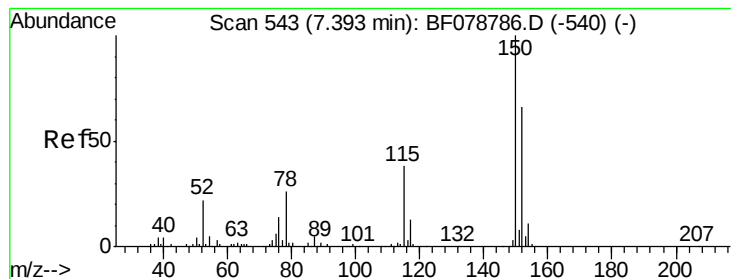
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

Instrument :

BNA_F

ClientSampleId :

PS-25-5-10

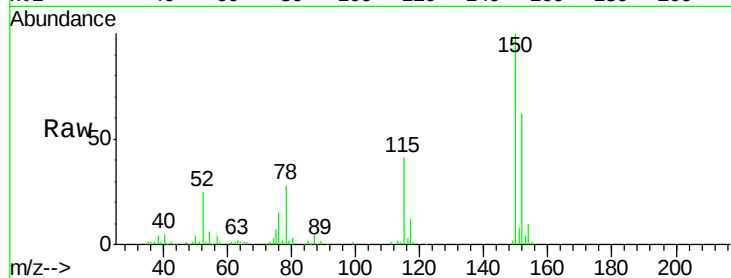
Tgt Ion:152 Resp: 72568

Ion Ratio Lower Upper

152 100

150 161.1 122.0 183.0

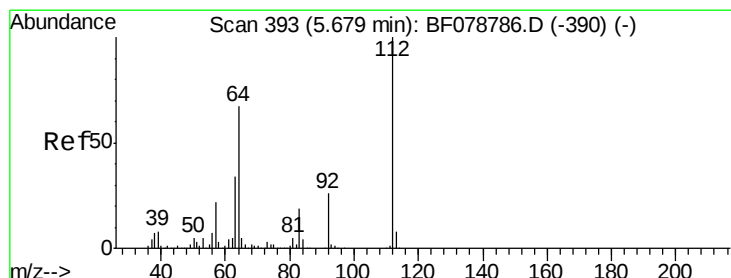
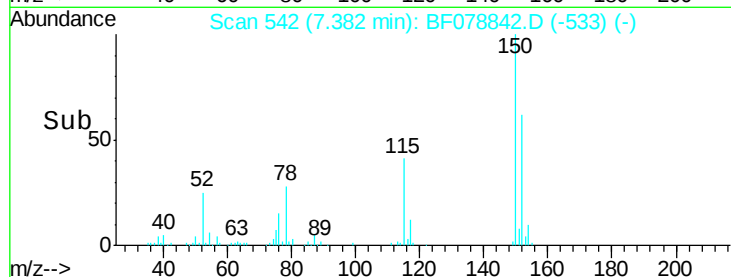
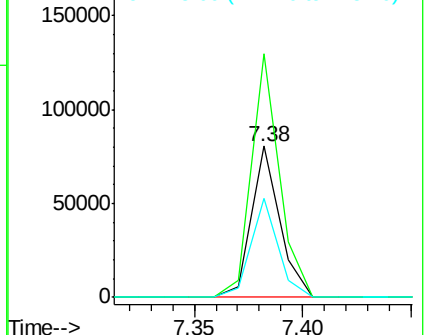
115 65.6 46.3 69.5



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: 166.32 ng

RT: 5.68 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

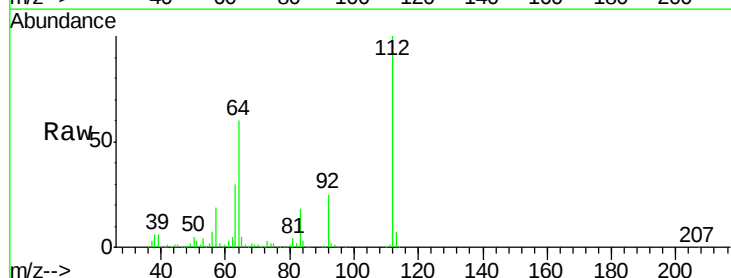
Tgt Ion:112 Resp: 657123

Ion Ratio Lower Upper

112 100

64 60.2 53.5 80.3

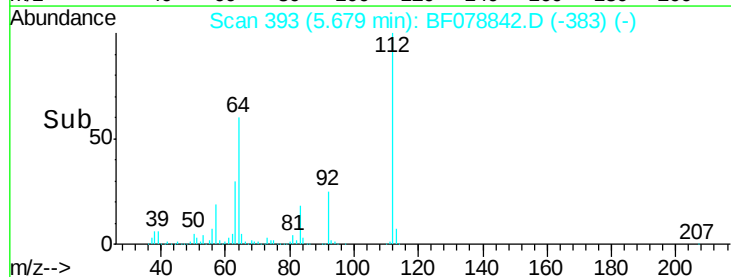
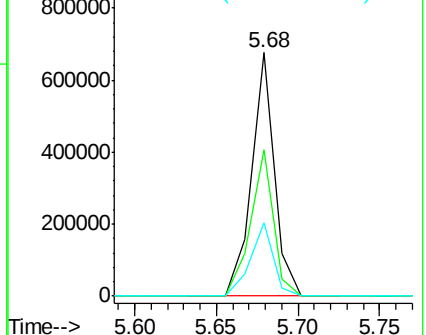
63 29.9 27.5 41.3

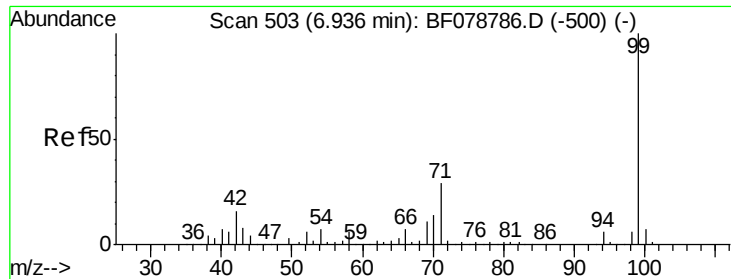


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 160.39 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

Instrument :

BNA_F

ClientSampleId :

PS-25-5-10

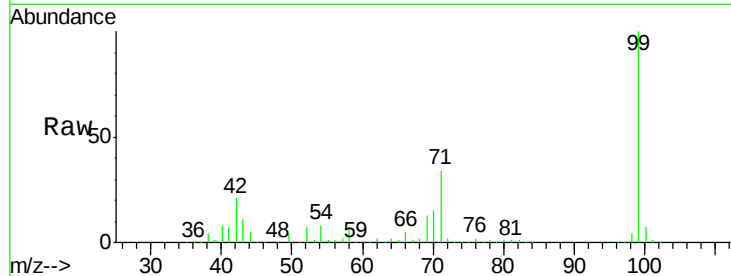
Tgt Ion: 99 Resp: 846326

Ion Ratio Lower Upper

99 100

42 21.2 12.8 19.2#

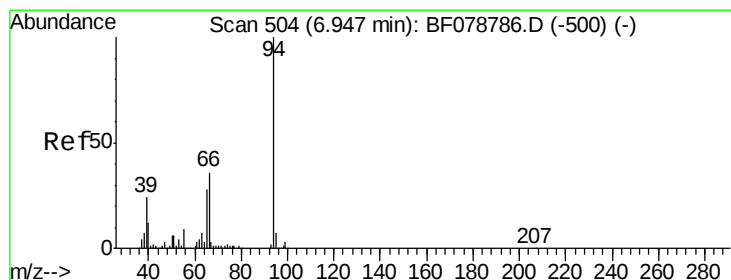
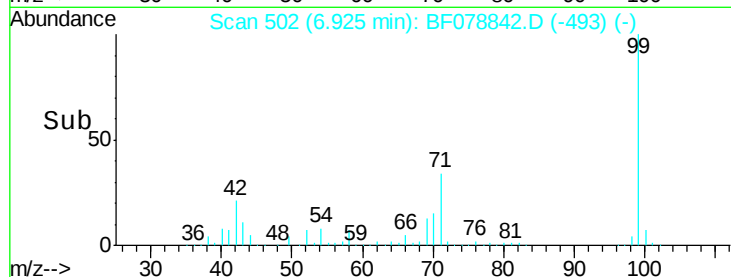
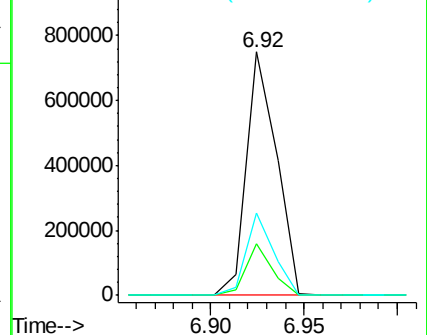
71 33.9 23.4 35.2



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: 4.14 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

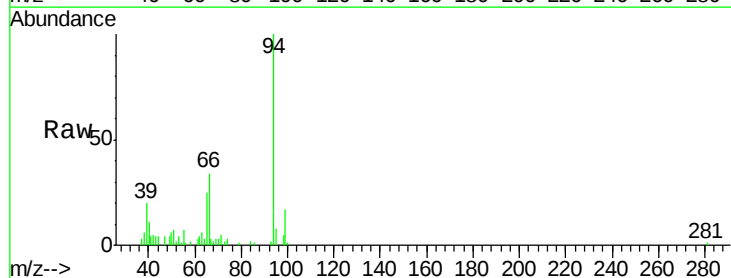
Tgt Ion: 94 Resp: 25805

Ion Ratio Lower Upper

94 100

65 24.7 8.5 48.5

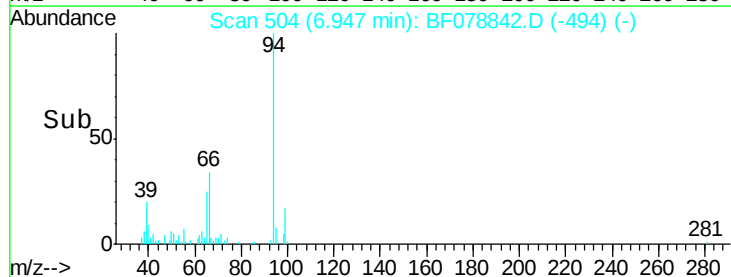
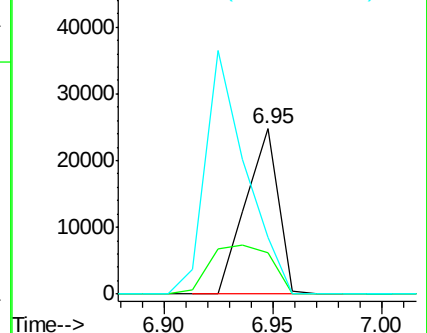
66 34.3 16.0 56.0

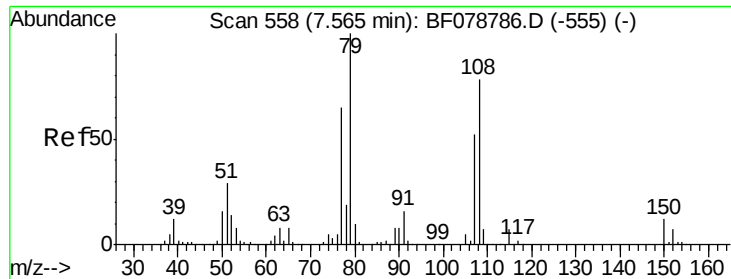


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.44 ng

RT: 7.56 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

Instrument :

BNA_F

ClientSampled :

PS-25-5-10

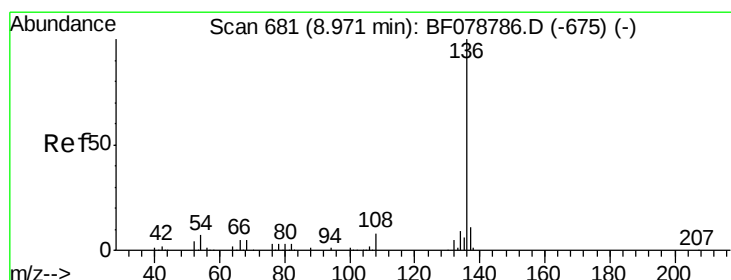
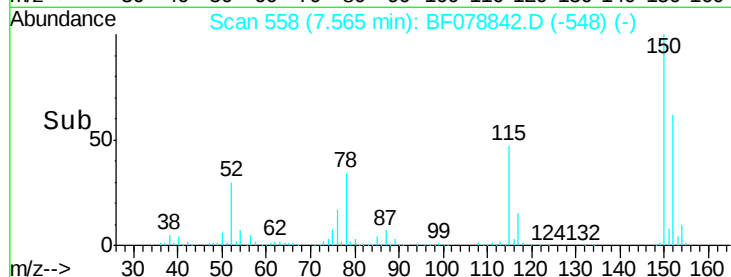
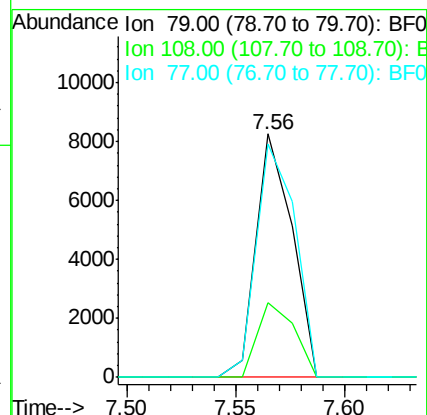
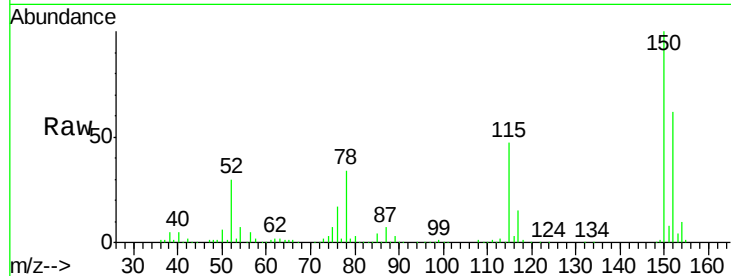
Tgt Ion: 79 Resp: 9578

Ion Ratio Lower Upper

79 100

108 30.5 62.5 93.7#

77 95.8 52.2 78.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

Tgt Ion: 136 Resp: 312259

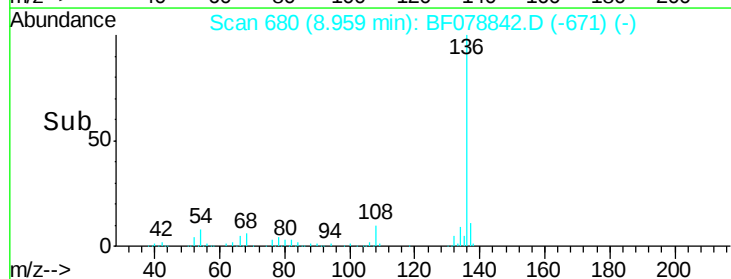
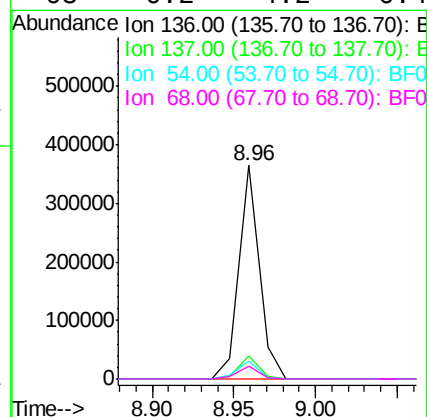
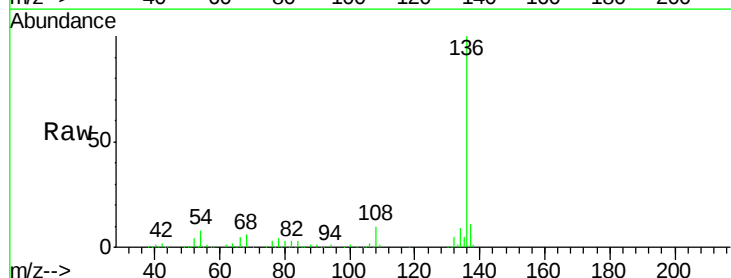
Ion Ratio Lower Upper

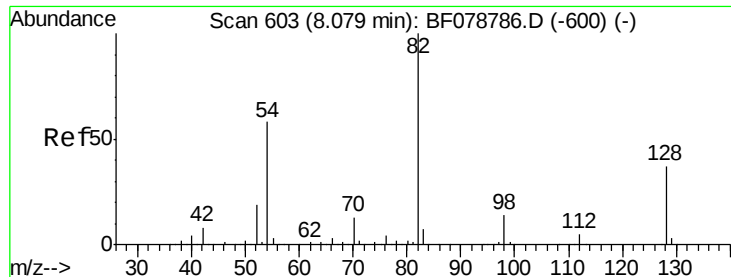
136 100

137 10.6 8.7 13.1

54 8.4 5.8 8.8

68 6.2 4.2 6.4

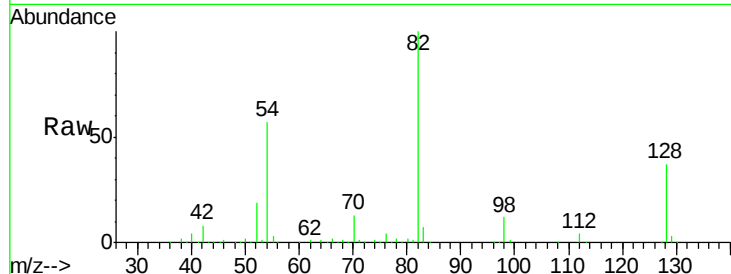




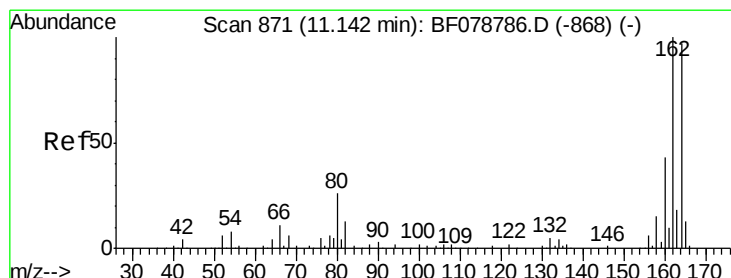
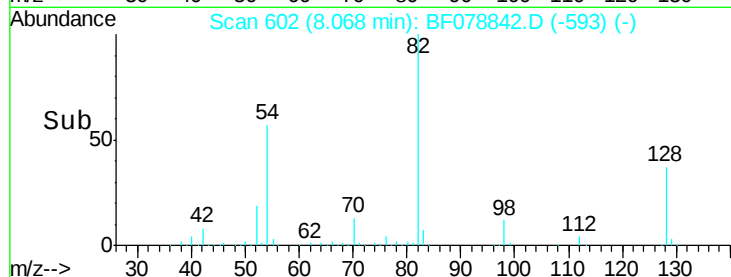
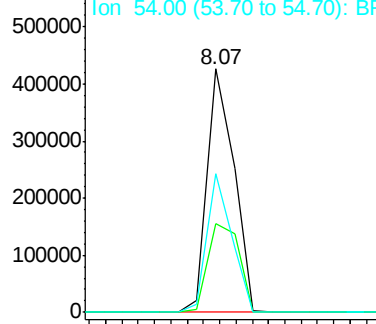
#23
 Nitrobenzene-d5
 Concen: 111.05 ng
 RT: 8.07 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF078842.D
 Acq: 30 Apr 2015 7:04

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-5-10

Tgt Ion: 82 Resp: 481631
 Ion Ratio Lower Upper
 82 100
 128 36.7 30.0 45.0
 54 57.2 46.4 69.6

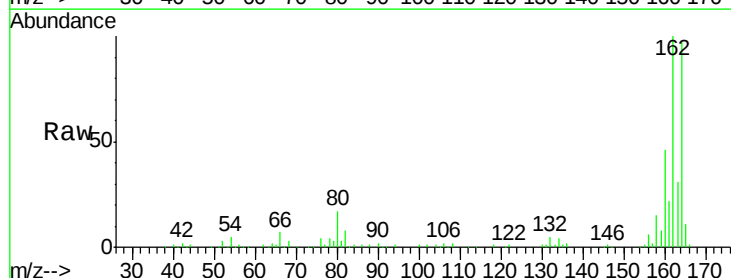


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

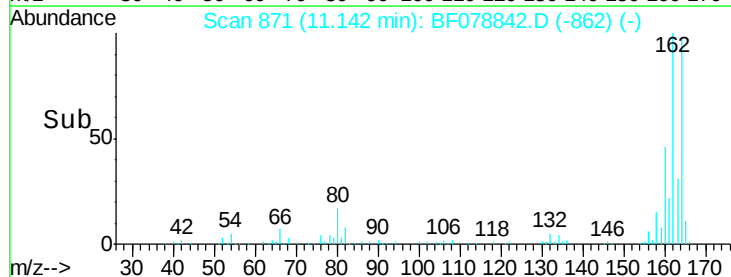
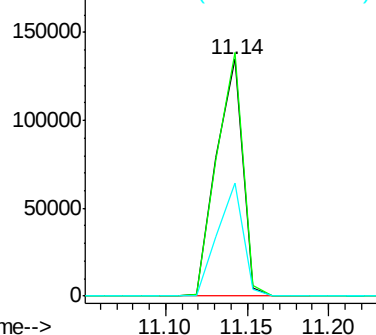


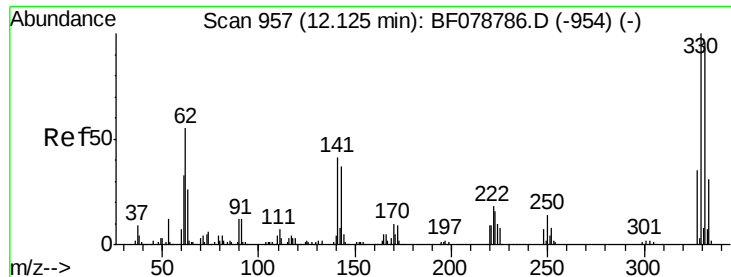
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF078842.D
 Acq: 30 Apr 2015 7:04

Tgt Ion: 164 Resp: 150115
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.7 124.1
 160 47.5 35.8 53.8



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

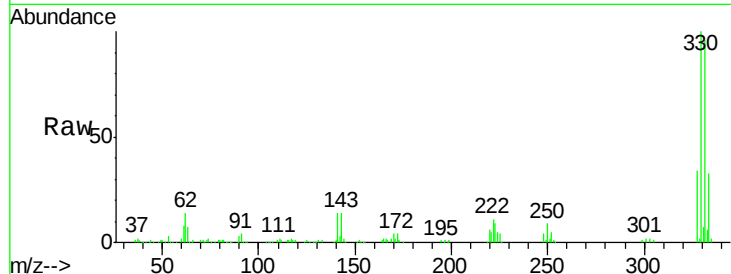




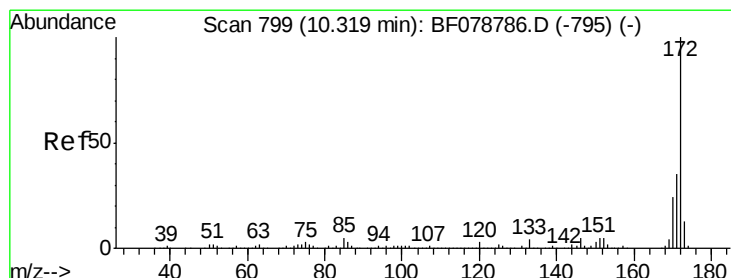
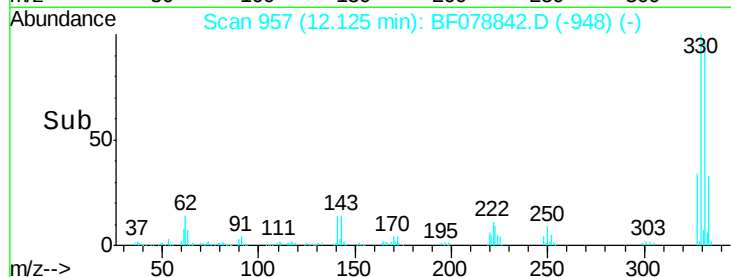
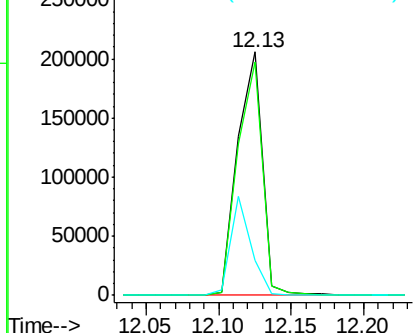
#41
 2,4,6-Tribromophenol
 Concen: 162.48 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078842.D
 Acq: 30 Apr 2015 7:04

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-5-10

Tgt Ion:330 Resp: 244540
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 33.7 0.0 0.0#

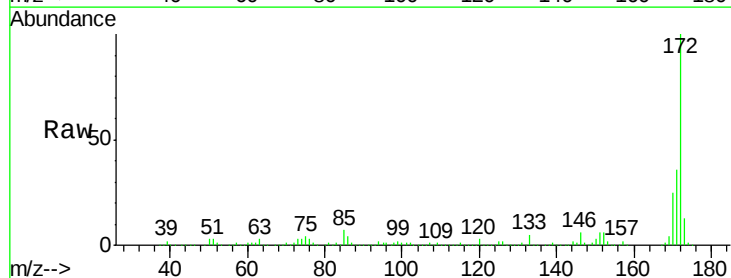


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

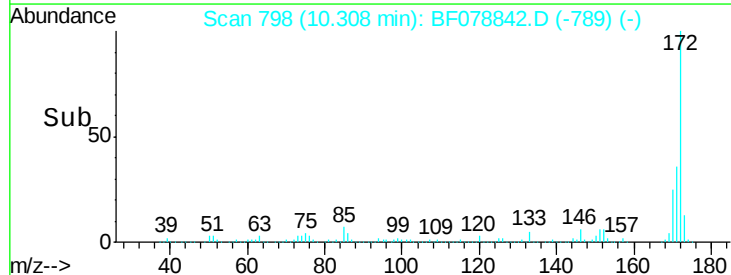
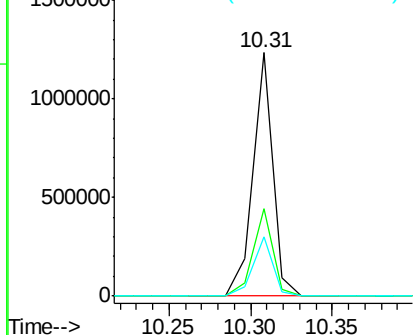


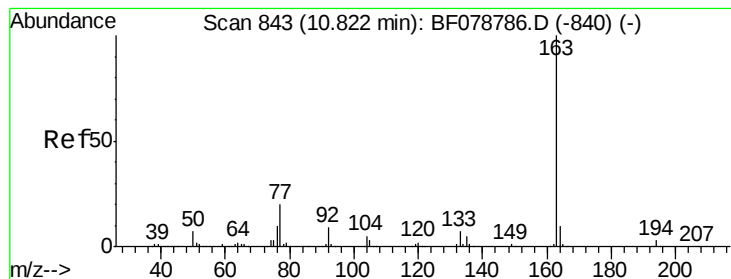
#44
 2-Fluorobiphenyl
 Concen: 95.40 ng
 RT: 10.31 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF078842.D
 Acq: 30 Apr 2015 7:04

Tgt Ion:172 Resp: 1045800
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.9 41.9
 170 24.6 19.4 29.0



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: 2.90 ng

RT: 10.81 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

Instrument :

BNA_F

ClientSampleId :

PS-25-5-10

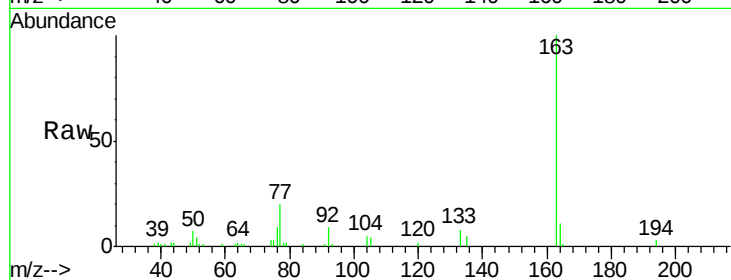
Tgt Ion:163 Resp: 30989

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

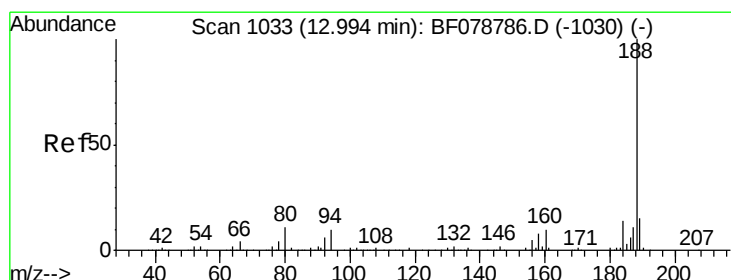
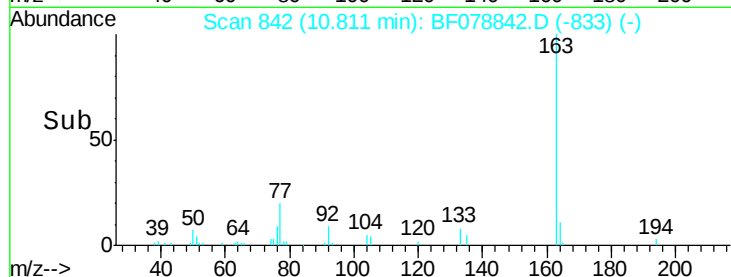
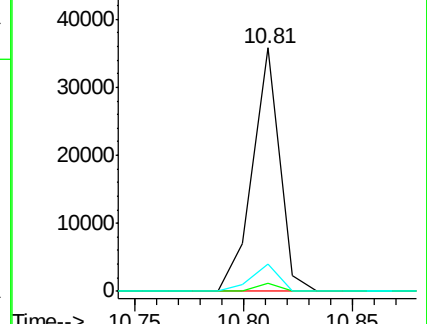
164 11.0 8.1 12.1



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: 12.98 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

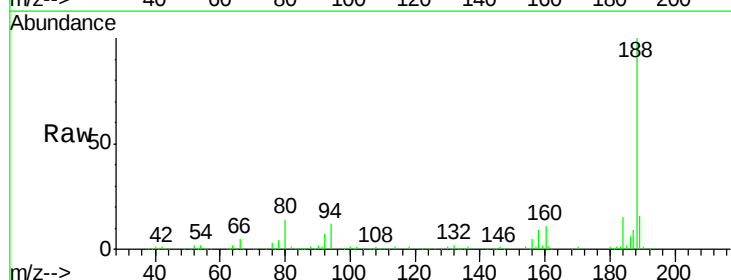
Tgt Ion:188 Resp: 281754

Ion Ratio Lower Upper

188 100

94 12.4 8.2 12.2#

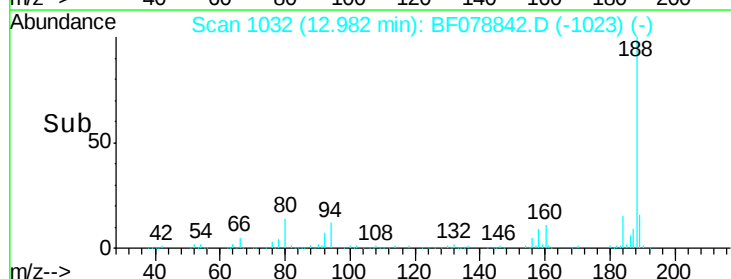
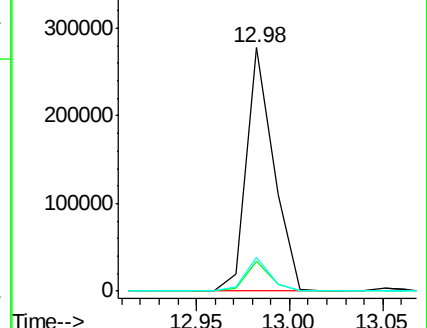
80 13.6 8.9 13.3#

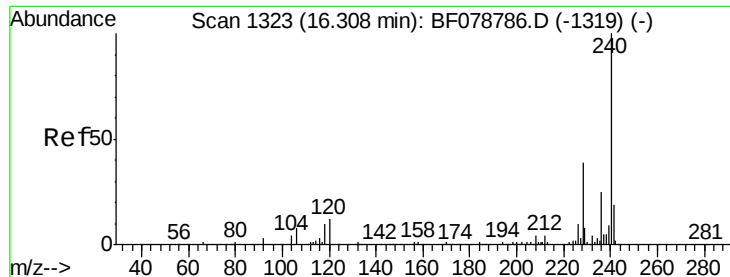


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.29 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

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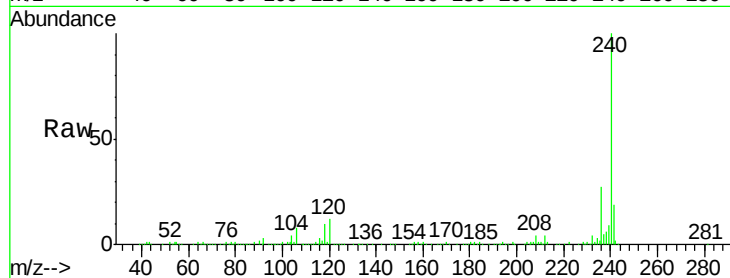
Tgt Ion:240 Resp: 311374

Ion Ratio Lower Upper

240 100

120 11.7 9.7 14.5

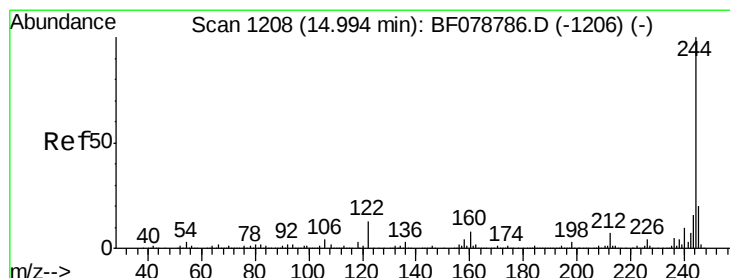
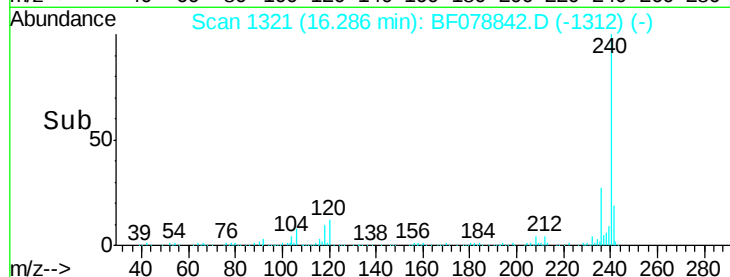
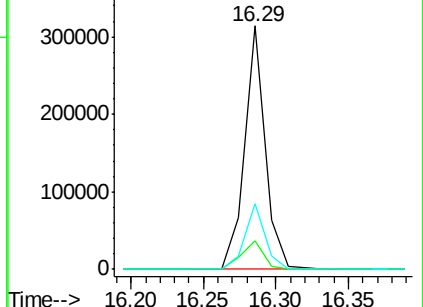
236 26.7 20.2 30.4



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: 92.07 ng

RT: 14.98 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

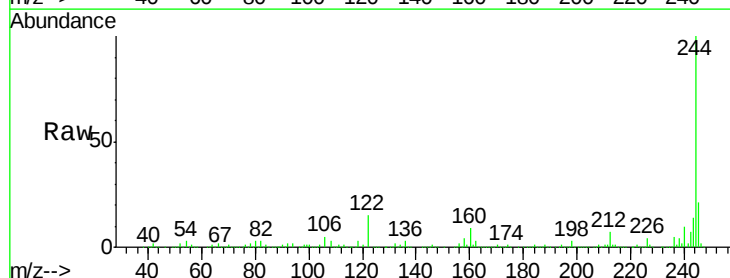
Tgt Ion:244 Resp: 1203770

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

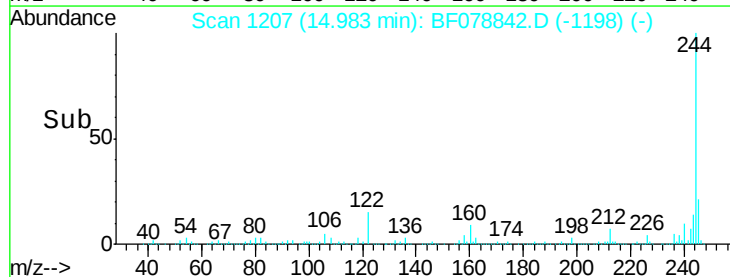
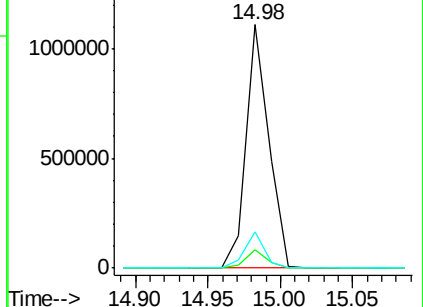
122 15.0 10.3 15.5

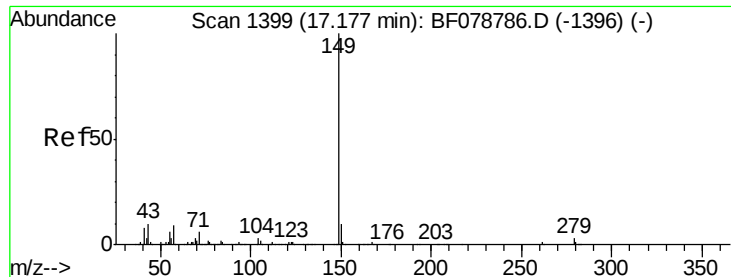


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Di-n-octyl phthalate

Concen: 6.96 ng

RT: 17.13 min Scan# 1395

Delta R.T. 0.02 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

Instrument :

BNA_F

ClientSampleId :

PS-25-5-10

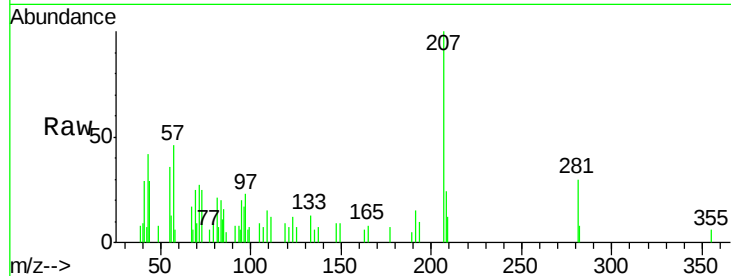
Tgt Ion:149 Resp: 479

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

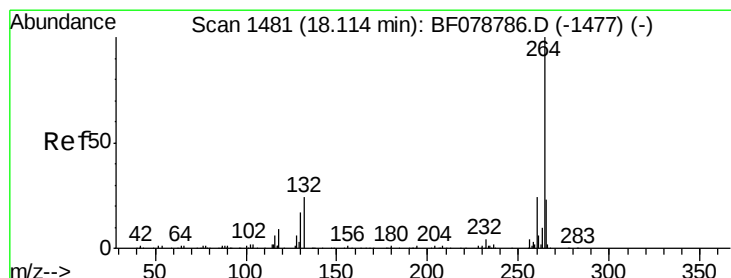
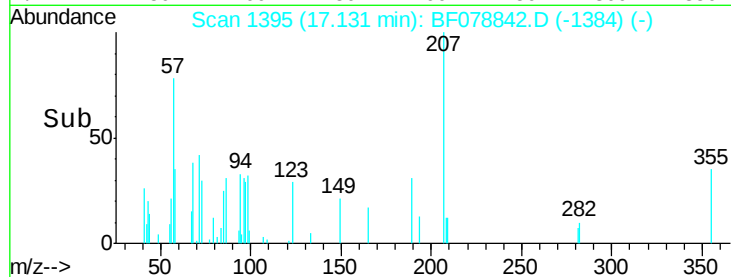
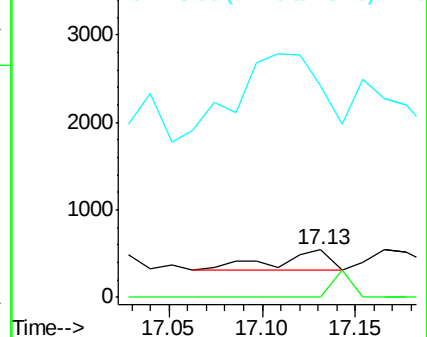
43 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.06 min Scan# 1476

Delta R.T. 0.05 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

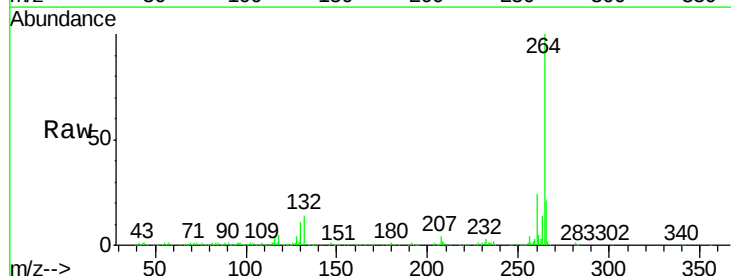
Tgt Ion:264 Resp: 340811

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 20.5 18.3 27.5



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

