

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078381.D
 Acq On : 10 Apr 2015 4:00
 Operator : TP/IZ
 Sample : G1782-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB06

Quant Time: Apr 10 04:07:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 01:53:29 2015
 Response via : Initial Calibration

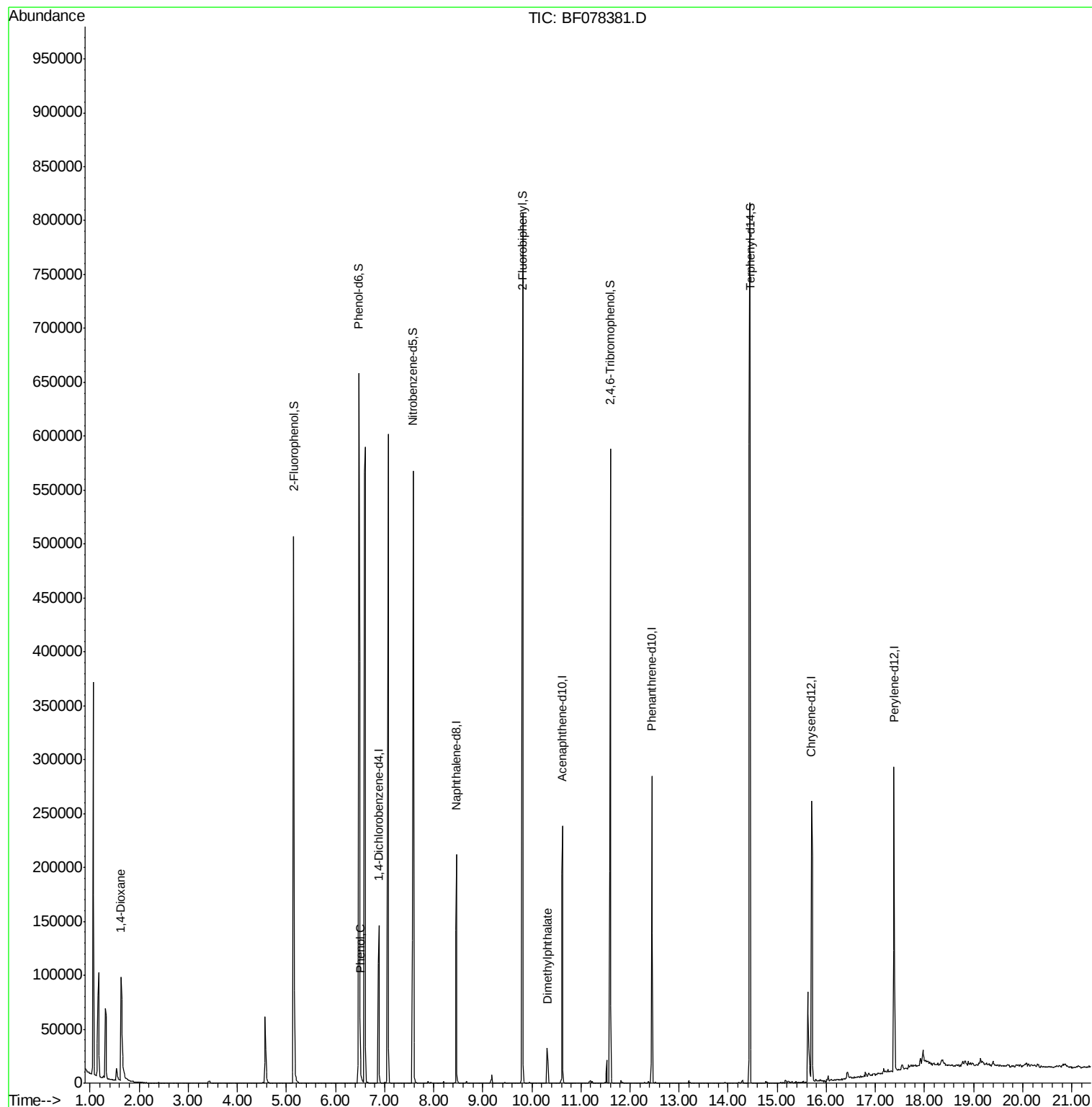
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	32609	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	132326	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	66291	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	129328	20.00	ng	0.00
75) Chrysene-d12	15.70	240	132598	20.00	ng	-0.01
86) Perylene-d12	17.38	264	129277	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	236726	119.69	ng	0.01
7) Phenol-d6	6.48	99	296890	119.78	ng	0.00
23) Nitrobenzene-d5	7.58	82	182568	83.63	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	71094	129.31	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	334804	72.19	ng	0.00
78) Terphenyl-d14	14.44	244	368479	62.79	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.63	88	4831	5.40	ng	Qvalue # 23
10) Phenol	6.50	94	7856	2.65	ng	89
49) Dimethylphthalate	10.32	163	18839	3.78	ng	98

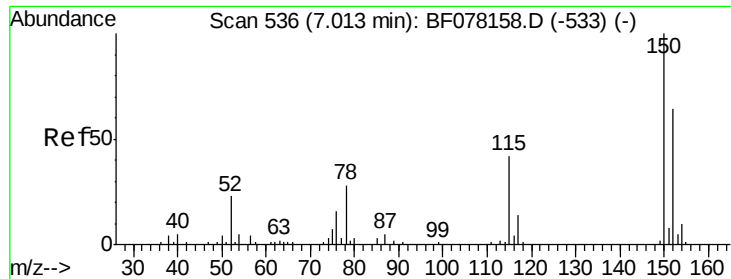
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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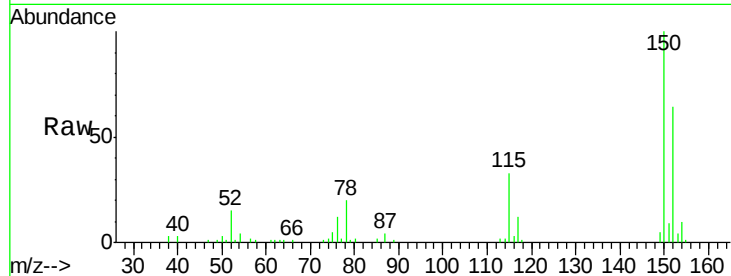




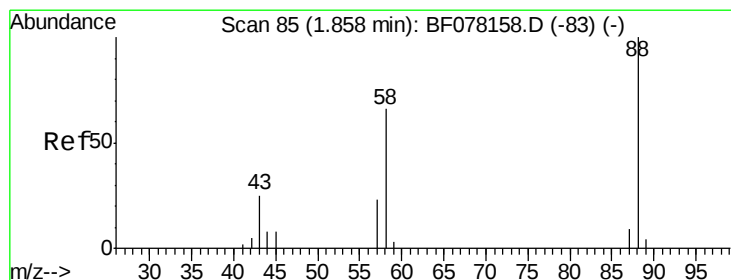
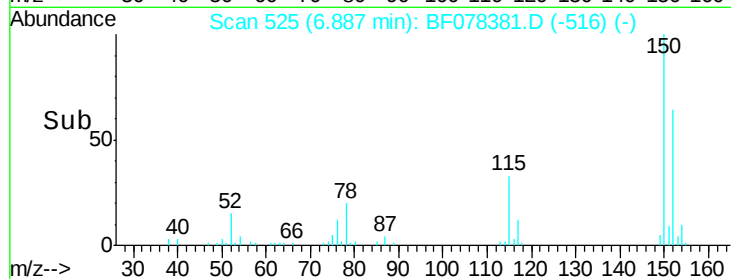
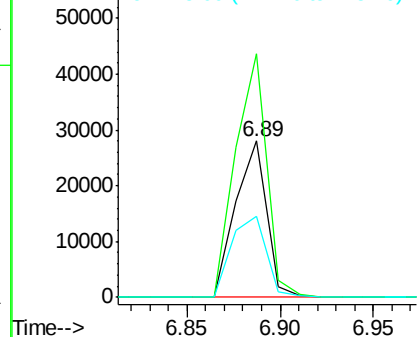
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF078381.D
 Acq: 10 Apr 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 SB06

Tgt Ion:152 Resp: 32609
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.9 188.9
 115 51.9 52.7 79.1#

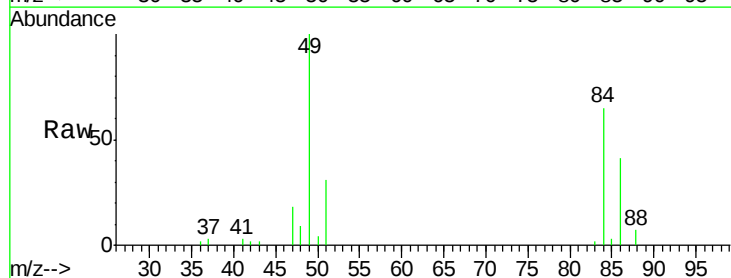


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

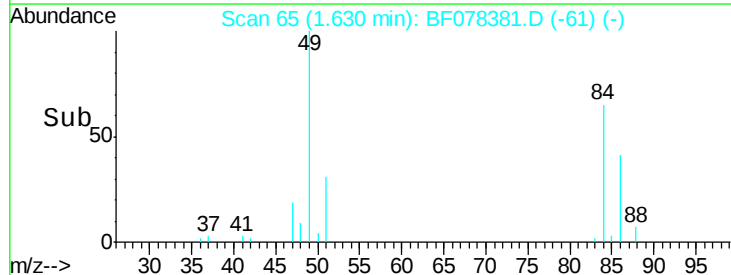
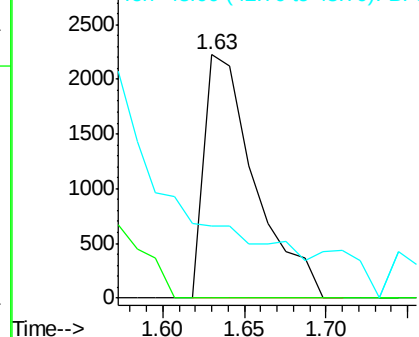


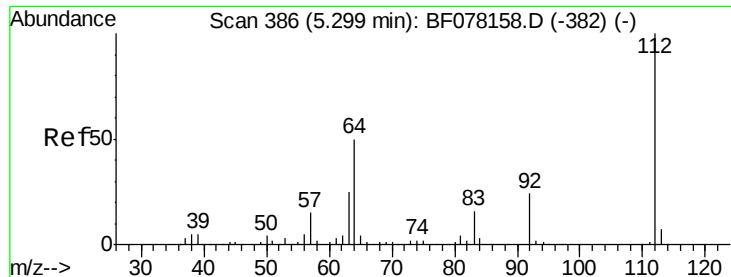
#2
 1,4-Dioxane
 Concen: 5.40 ng
 RT: 1.63 min Scan# 65
 Delta R.T. -0.06 min
 Lab File: BF078381.D
 Acq: 10 Apr 2015 4:00

Tgt Ion: 88 Resp: 4831
 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

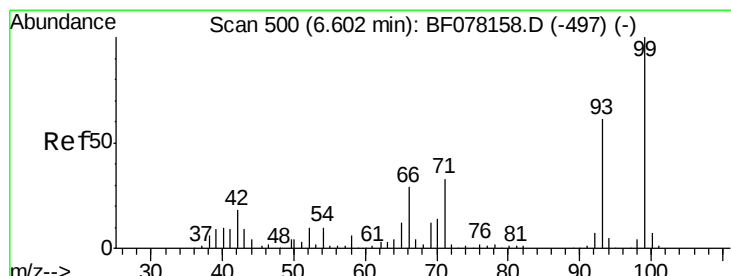
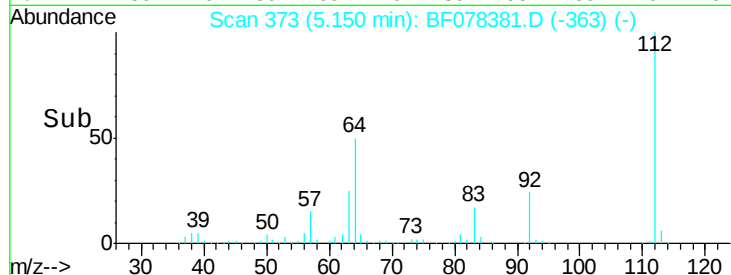
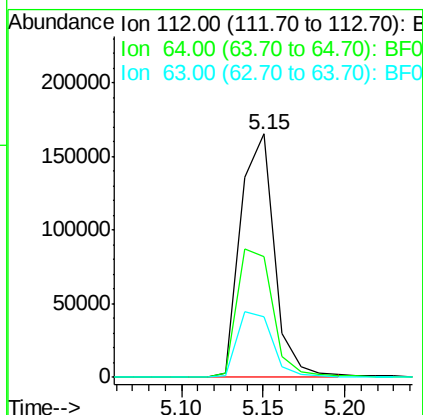
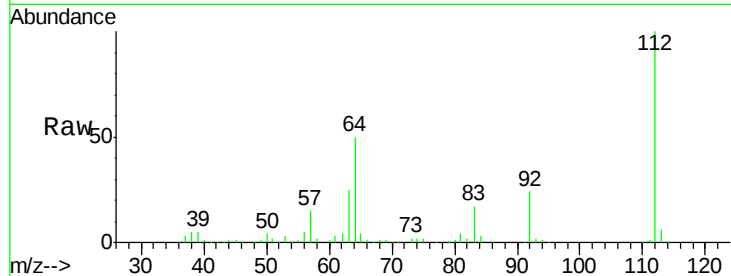




#5
 2-Fluorophenol
 Concen: 119.69 ng
 RT: 5.15 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: BF078381.D
 Acq: 10 Apr 2015 4:00

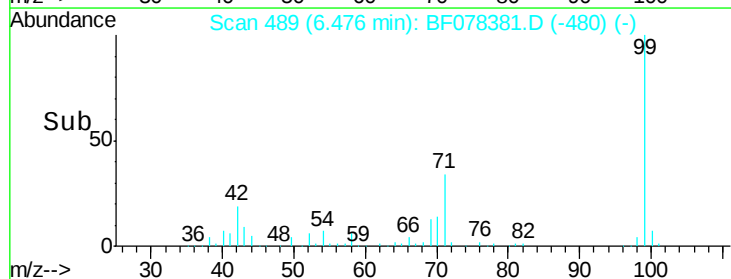
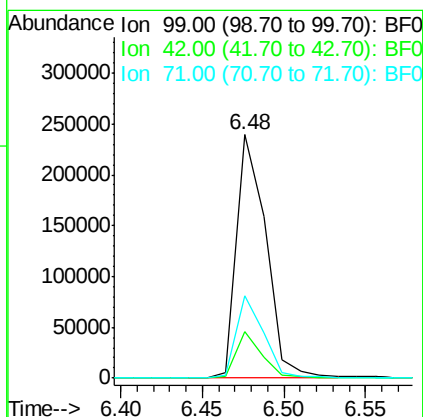
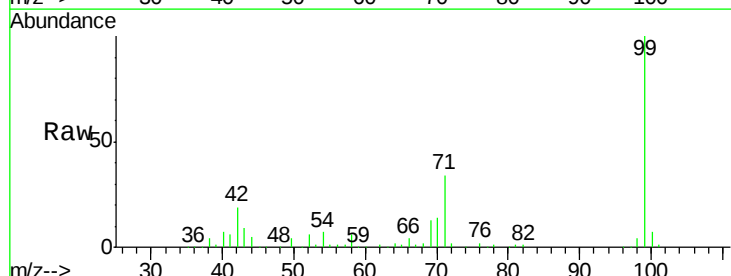
Instrument :
 BNA_F
 ClientSampled :
 SB06

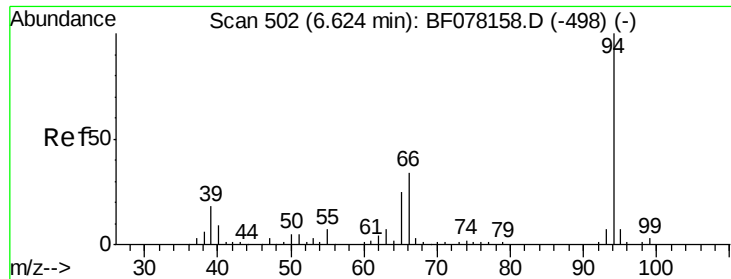
Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	39.9	59.9
63	25.1	20.2	30.4



#7
 Phenol-d6
 Concen: 119.78 ng
 RT: 6.48 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF078381.D
 Acq: 10 Apr 2015 4:00

Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.8	22.2
71	33.8	26.6	39.8





#10

Phenol

Concen: 2.65 ng

RT: 6.50 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF078381.D

Acq: 10 Apr 2015 4:00

Instrument :

BNA_F

ClientSampleId :

SB06

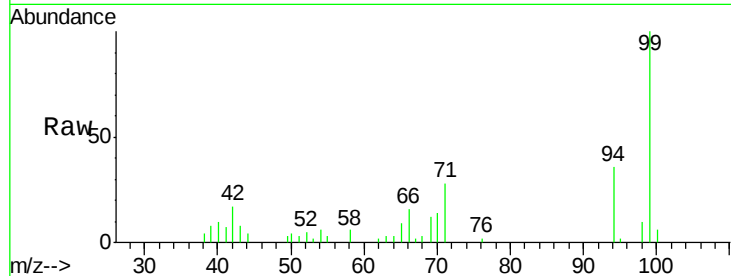
Tgt Ion: 94 Resp: 7856

Ion Ratio Lower Upper

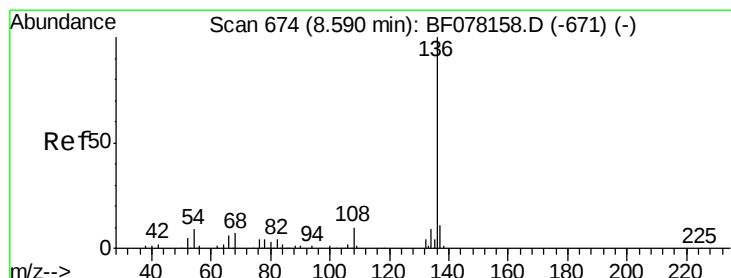
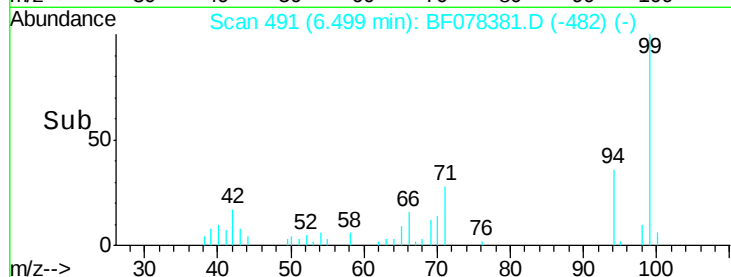
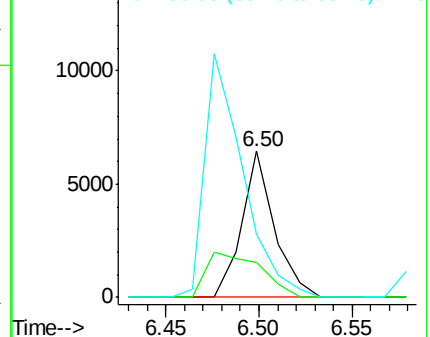
94 100

65 23.7 4.9 44.9

66 43.5 13.8 53.8



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: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF078381.D

Acq: 10 Apr 2015 4:00

Tgt Ion: 136 Resp: 132326

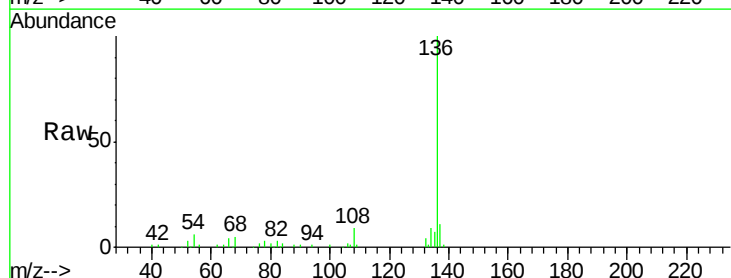
Ion Ratio Lower Upper

136 100

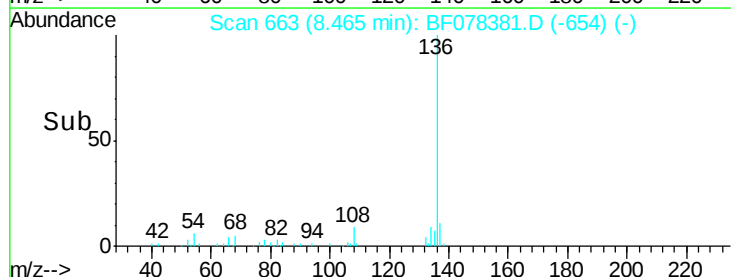
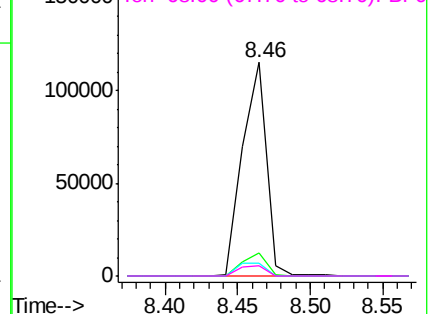
137 10.6 9.0 13.4

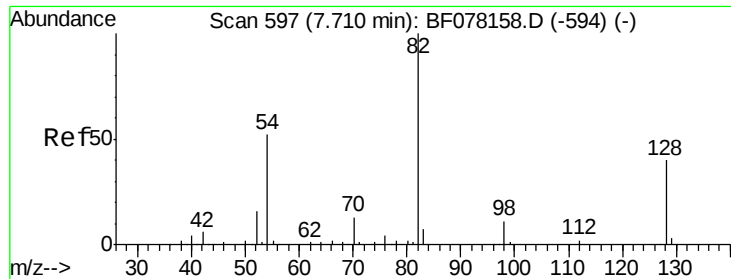
54 5.8 7.0 10.6#

68 4.7 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

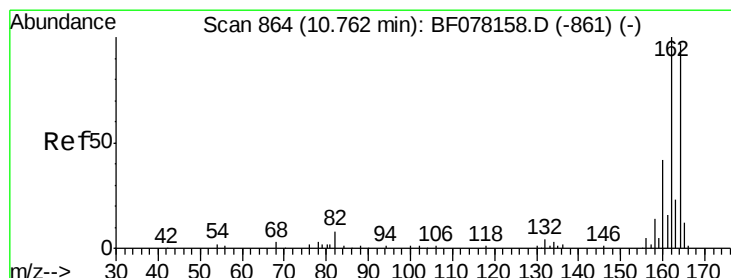
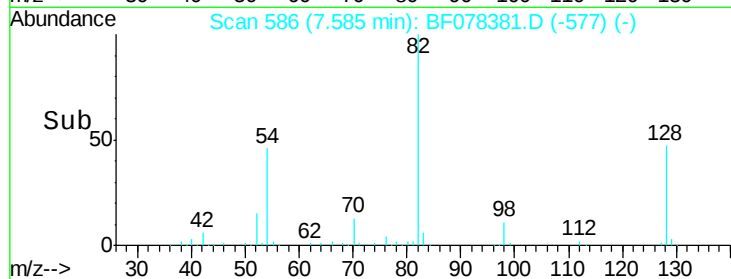
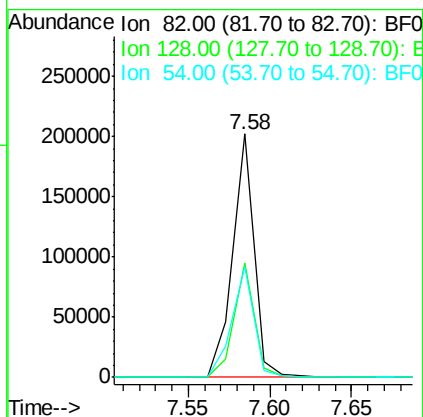
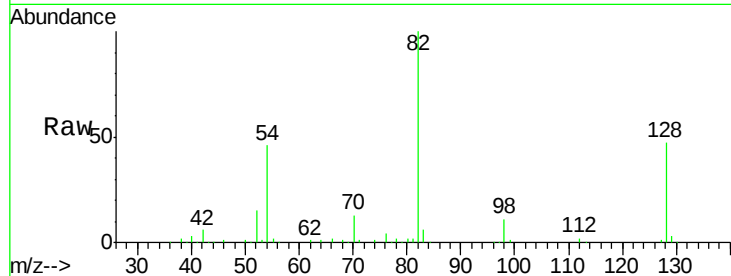




#23
 Nitrobenzene-d5
 Concen: 83.63 ng
 RT: 7.58 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF078381.D
 Acq: 10 Apr 2015 4:00

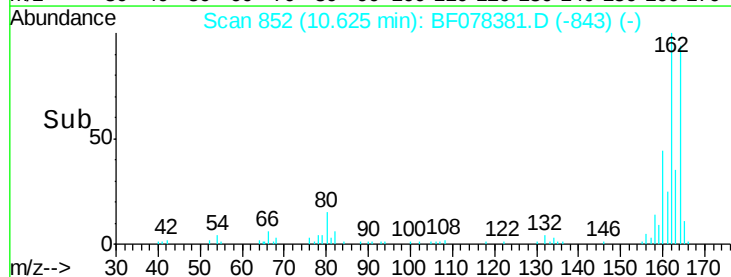
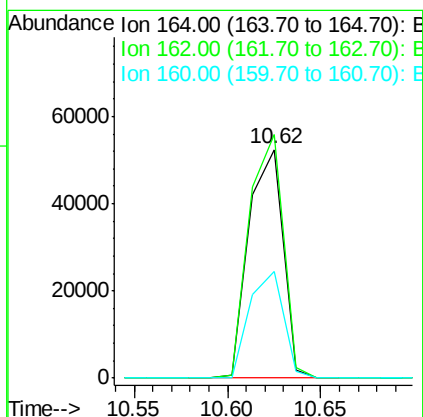
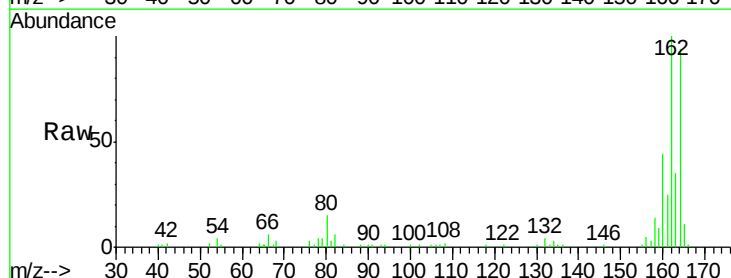
Instrument :
 BNA_F
 ClientSampled :
 SB06

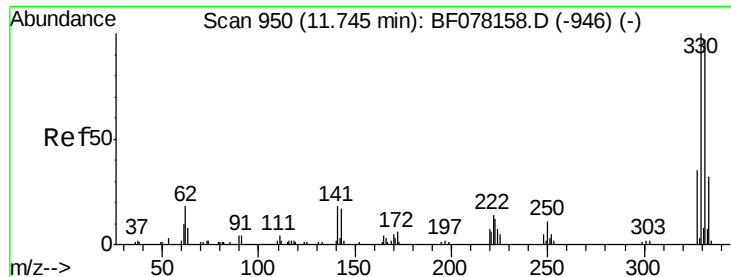
Tgt Ion: 82 Resp: 182568
 Ion Ratio Lower Upper
 82 100
 128 47.1 31.8 47.8
 54 45.6 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF078381.D
 Acq: 10 Apr 2015 4:00

Tgt Ion: 164 Resp: 66291
 Ion Ratio Lower Upper
 164 100
 162 106.6 82.2 123.2
 160 46.8 34.7 52.1

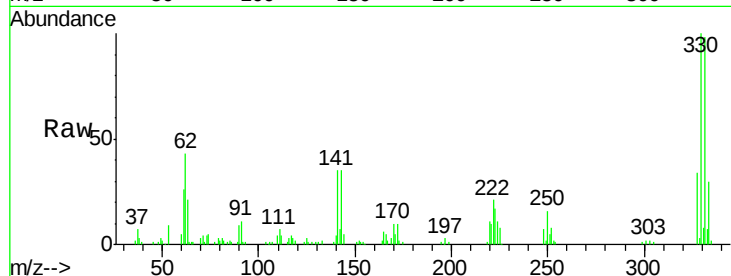




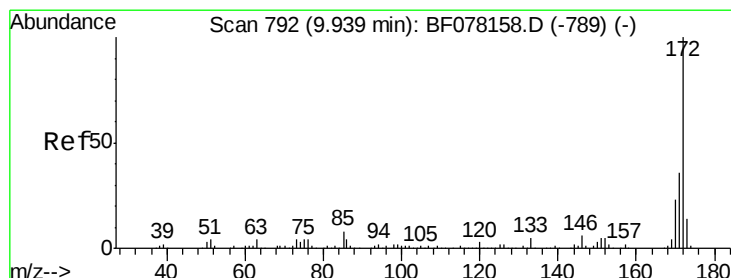
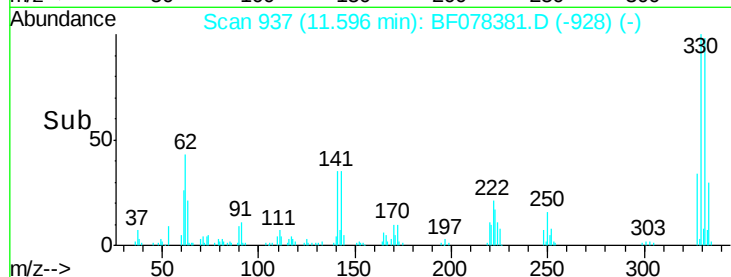
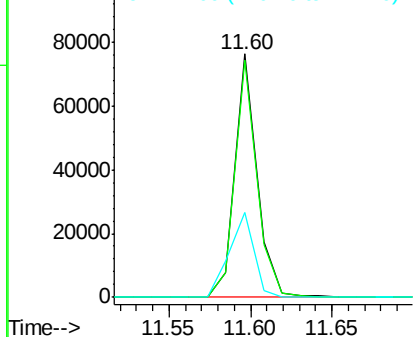
#41
 2,4,6-Tribromophenol
 Concen: 129.31 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF078381.D
 Acq: 10 Apr 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 SB06

Tgt Ion:330 Resp: 71094
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.6 117.8
 141 38.8 31.2 46.8

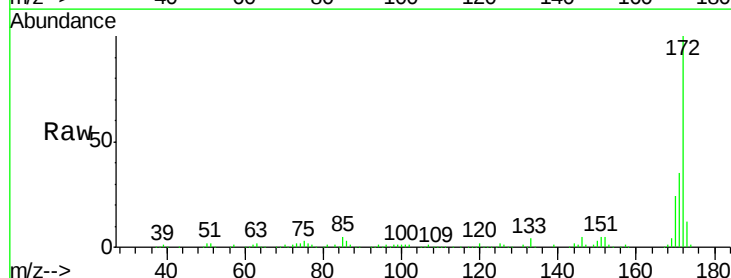


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

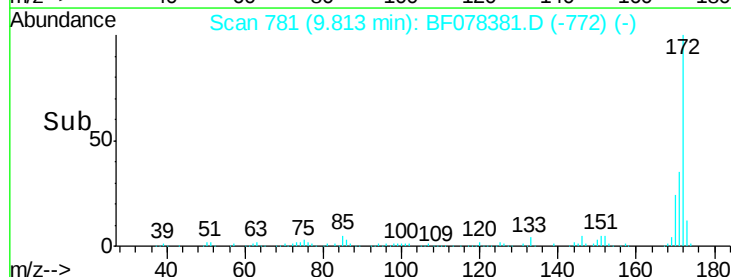
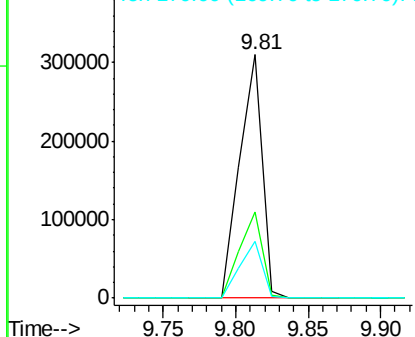


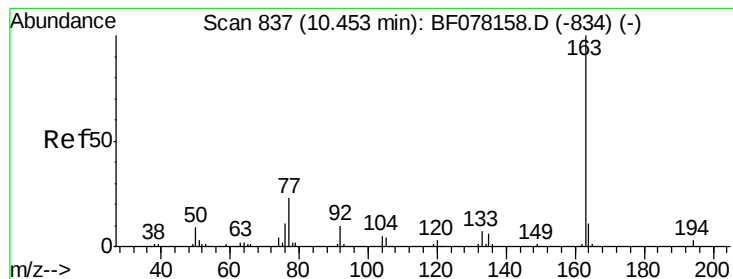
#44
 2-Fluorobiphenyl
 Concen: 72.19 ng
 RT: 9.81 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF078381.D
 Acq: 10 Apr 2015 4:00

Tgt Ion:172 Resp: 334804
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.5 18.5 27.7



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: 3.78 ng

RT: 10.32 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF078381.D

Acq: 10 Apr 2015 4:00

Instrument :

BNA_F

ClientSampleId :

SB06

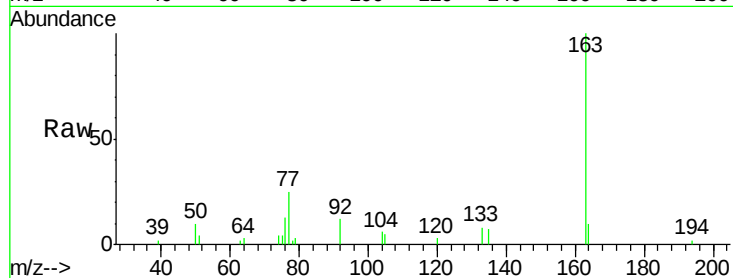
Tgt Ion:163 Resp: 18839

Ion Ratio Lower Upper

163 100

194 2.4 2.3 3.5

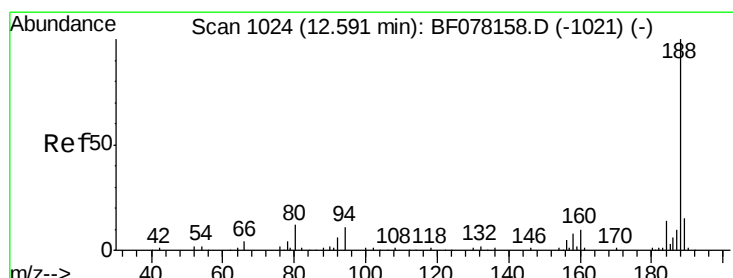
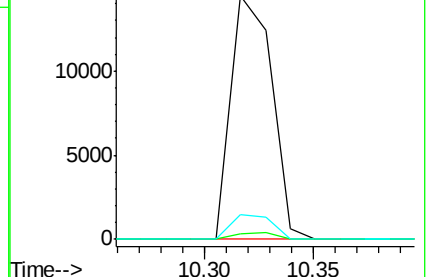
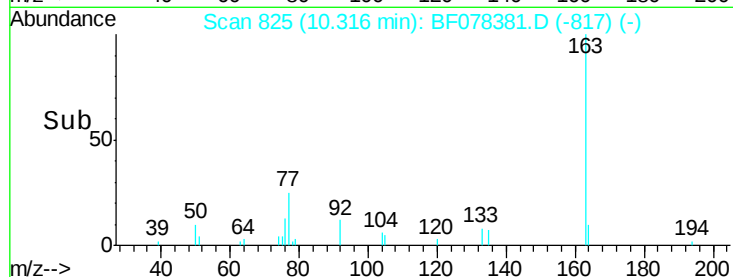
164 10.1 8.6 13.0



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: 12.44 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF078381.D

Acq: 10 Apr 2015 4:00

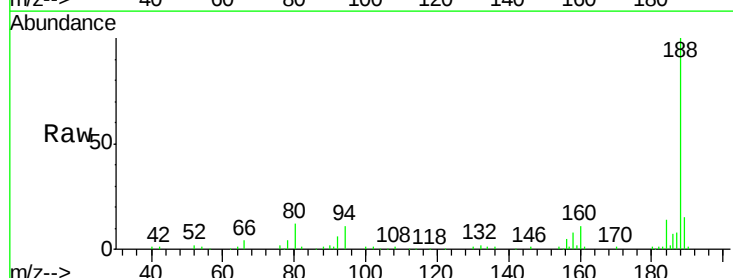
Tgt Ion:188 Resp: 129328

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

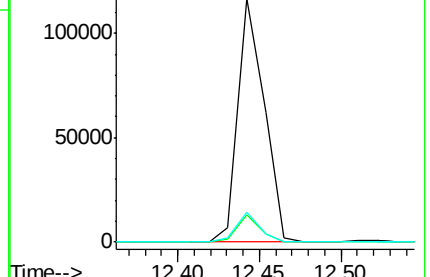
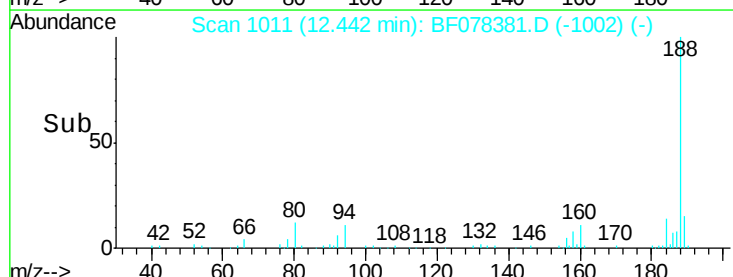
80 12.0 9.5 14.3

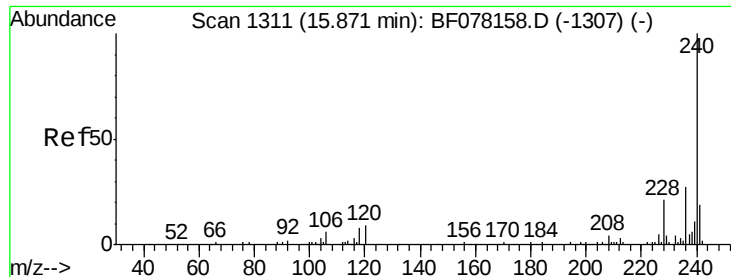


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.70 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF078381.D

Acq: 10 Apr 2015 4:00

Instrument :

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ClientSampleId :

SB06

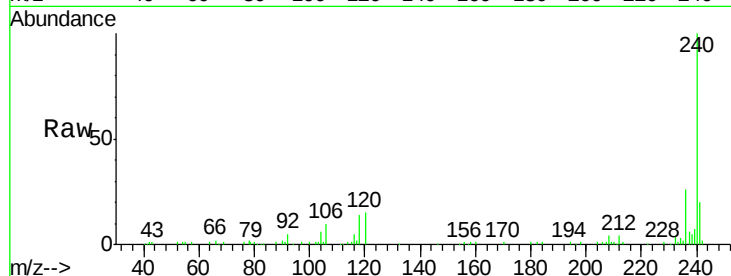
Tgt Ion:240 Resp: 132598

Ion Ratio Lower Upper

240 100

120 15.2 7.1 10.7#

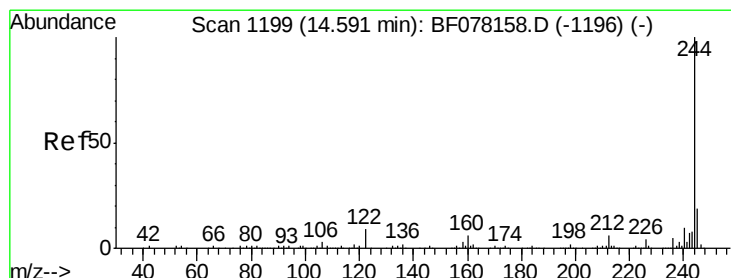
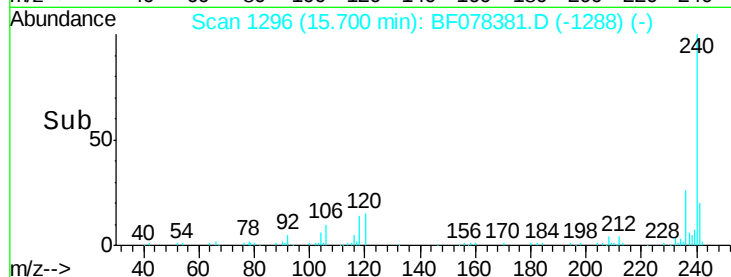
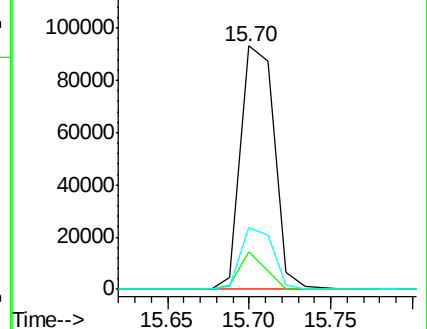
236 25.6 21.4 32.2



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: 62.79 ng

RT: 14.44 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF078381.D

Acq: 10 Apr 2015 4:00

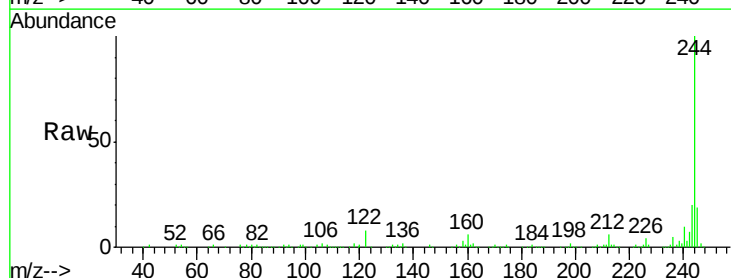
Tgt Ion:244 Resp: 368479

Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

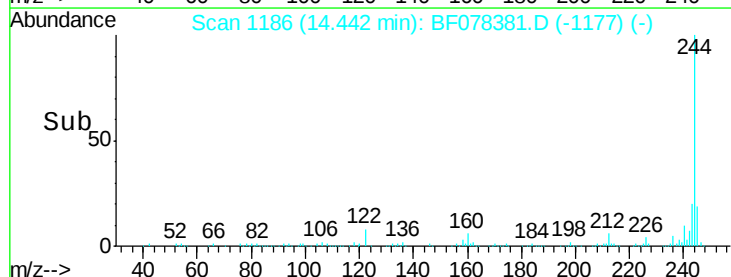
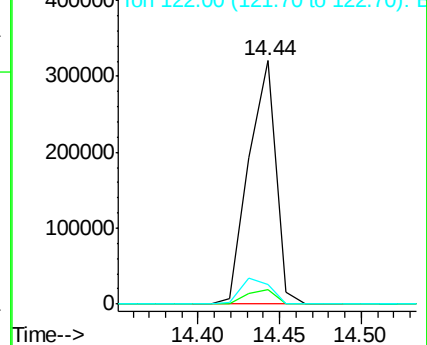
122 8.3 7.1 10.7

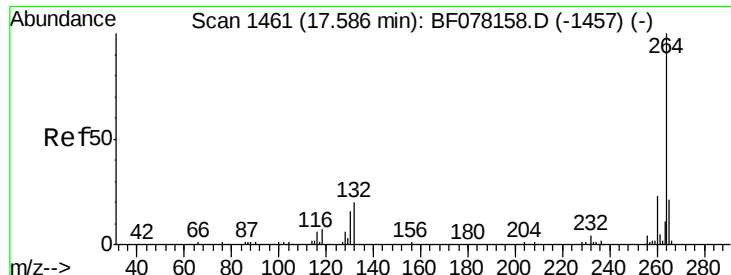


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

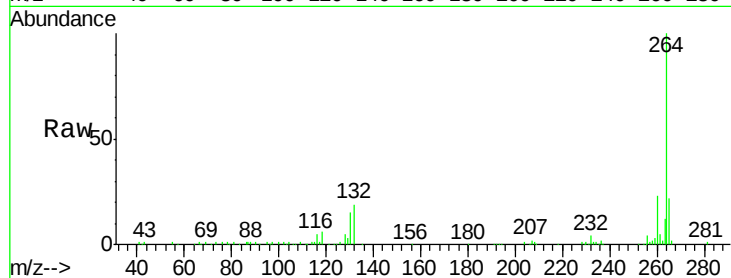




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.38 min Scan# 1443
Delta R.T. -0.03 min
Lab File: BF078381.D
Acq: 10 Apr 2015 4:00

Instrument :
BNA_F
ClientSampleId :
SB06

Tgt Ion: 264 Resp: 129277
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.8 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

