

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078386.D
 Acq On : 10 Apr 2015 6:22
 Operator : TP/IZ
 Sample : G1782-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04(1)

Quant Time: Apr 10 06:18:51 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

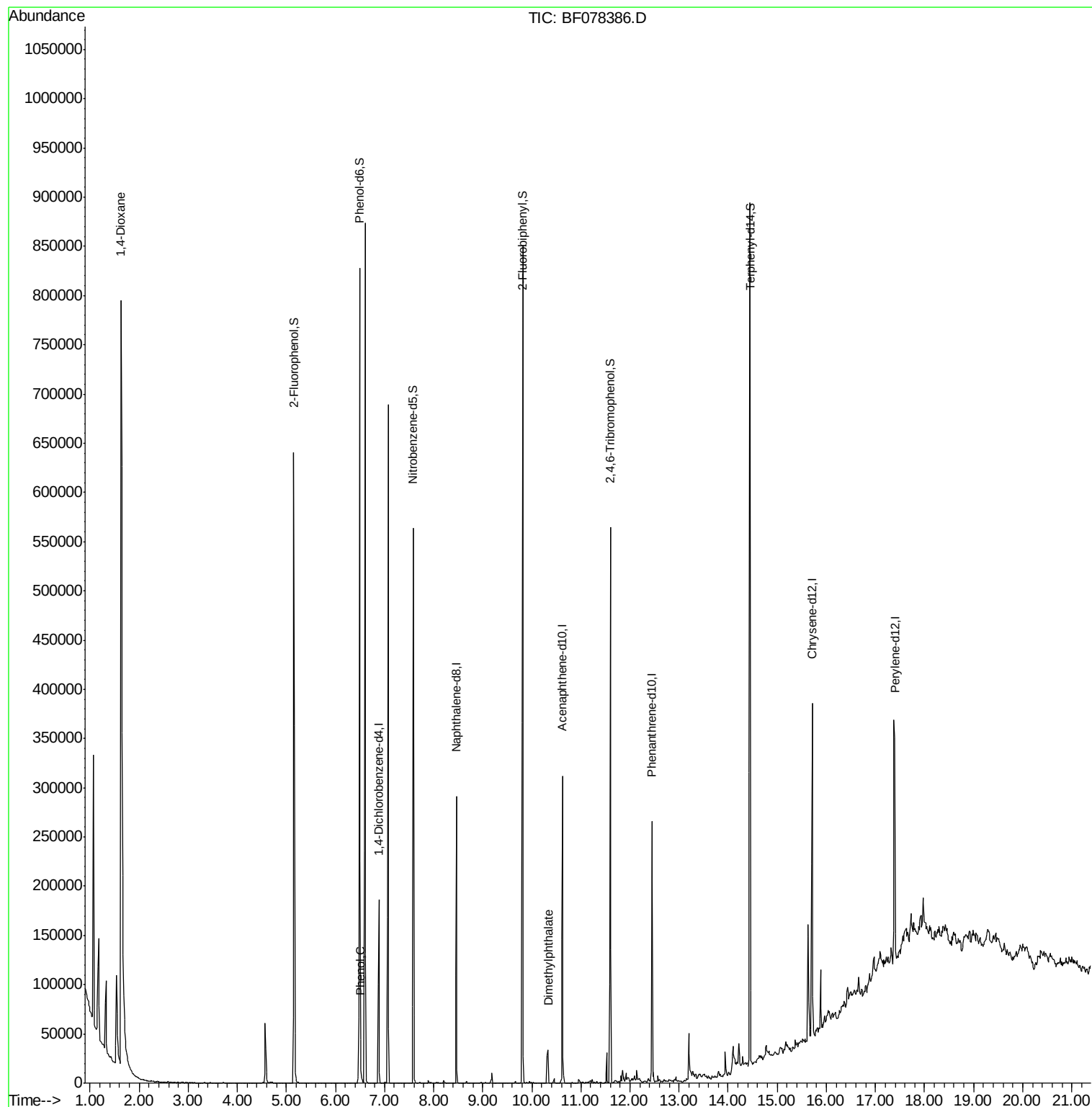
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	35568	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	146113	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	73105	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	139421	20.00	ng	0.00
75) Chrysene-d12	15.71	240	139841	20.00	ng	0.00
86) Perylene-d12	17.39	264	138600	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	236465	109.61	ng	0.01
7) Phenol-d6	6.49	99	294884	109.07	ng	0.01
23) Nitrobenzene-d5	7.58	82	170860	70.88	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	64821	106.91	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	307599	60.14	ng	0.00
78) Terphenyl-d14	14.44	244	305181	49.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.63	88	38491	39.46	ng	Qvalue # 23
10) Phenol	6.51	94	8148	2.52	ng	92
49) Dimethylphthalate	10.33	163	22021	4.01	ng	97

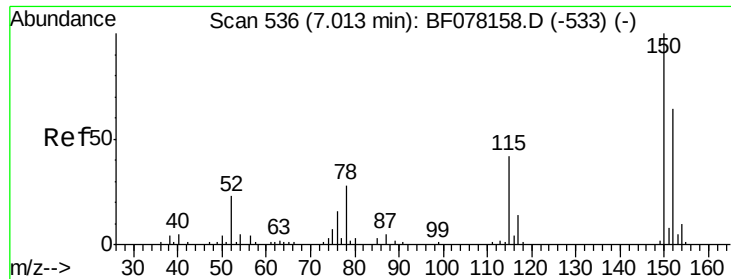
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF078386.D

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BNA_F

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SB04(1)

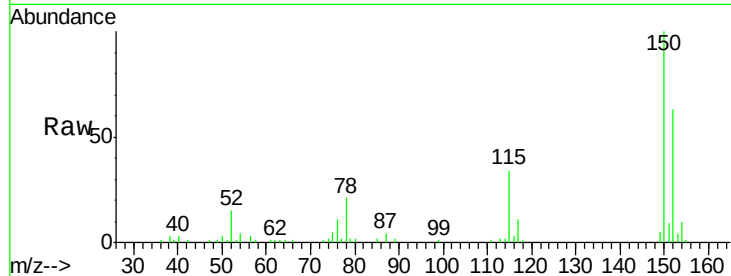
Tgt Ion:152 Resp: 35568

Ion Ratio Lower Upper

152 100

150 157.8 125.9 188.9

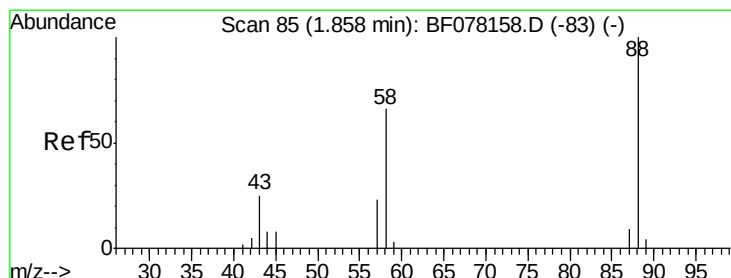
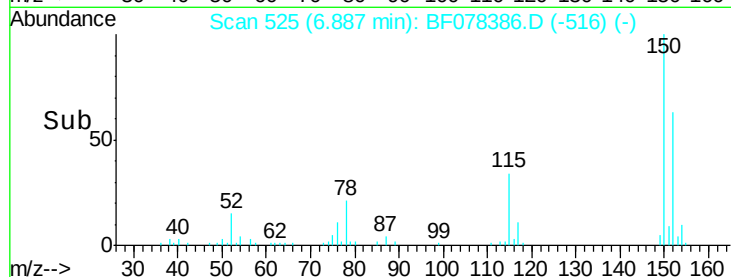
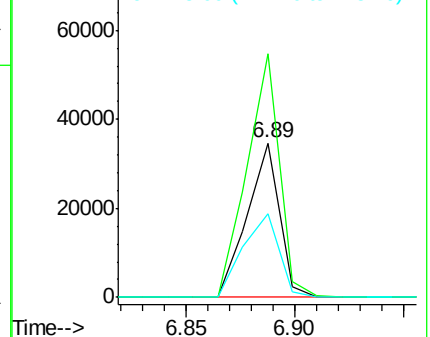
115 54.3 52.7 79.1



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: 39.46 ng

RT: 1.63 min Scan# 65

Delta R.T. -0.06 min

Lab File: BF078386.D

Acq: 10 Apr 2015 6:22

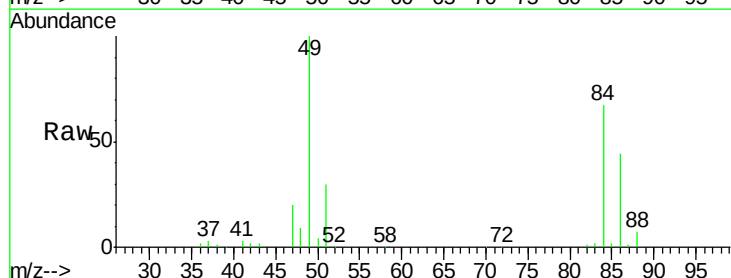
Tgt Ion: 88 Resp: 38491

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

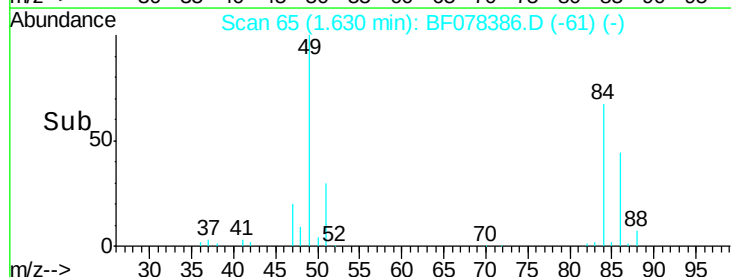
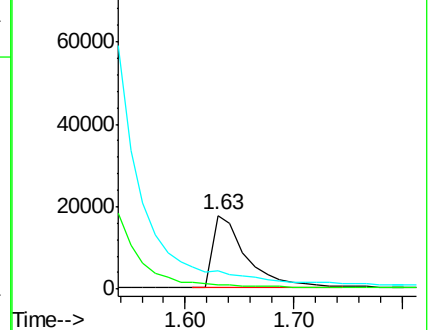
43 0.0 21.4 32.2#

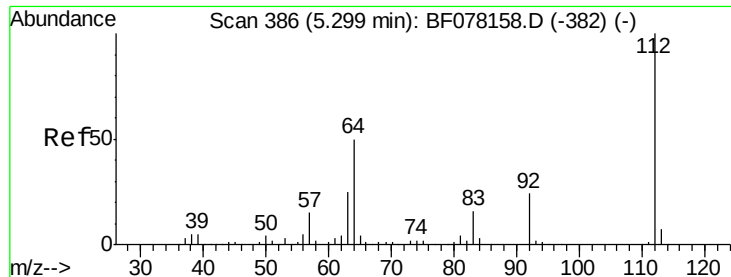


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 109.61 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF078386.D

Acq: 10 Apr 2015 6:22

Instrument :

BNA_F

ClientSampleId :

SB04(1)

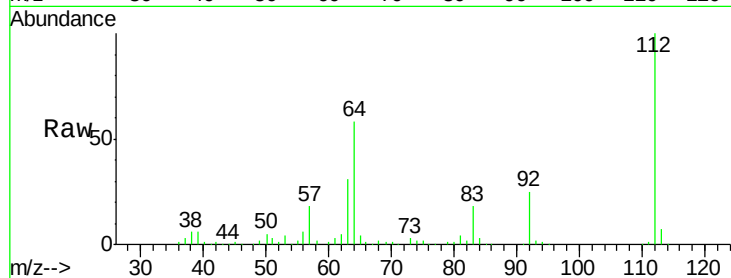
Tgt Ion: 112 Resp: 236465

Ion Ratio Lower Upper

112 100

64 58.5 39.9 59.9

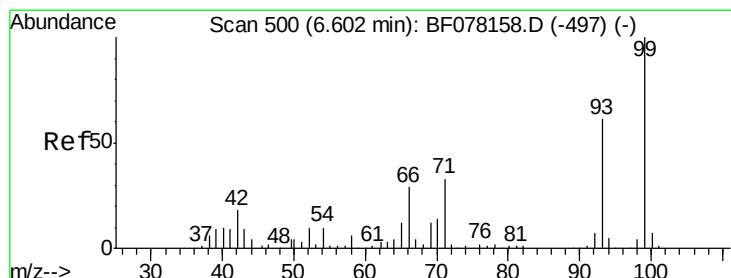
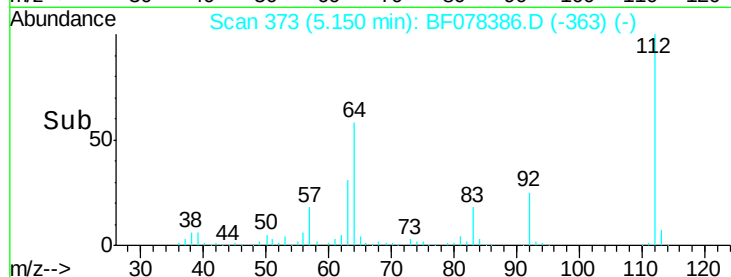
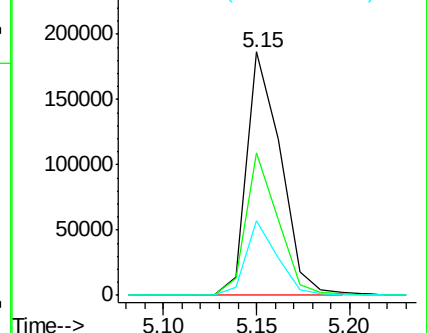
63 30.6 20.2 30.4#



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: 109.07 ng

RT: 6.49 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF078386.D

Acq: 10 Apr 2015 6:22

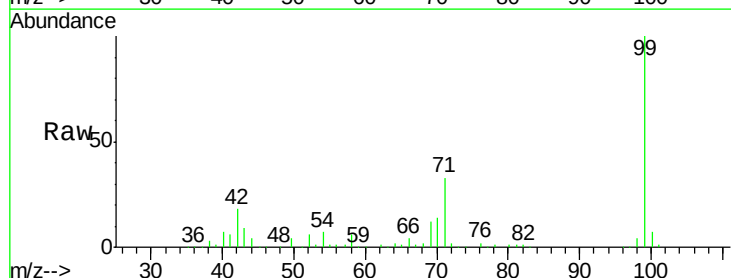
Tgt Ion: 99 Resp: 294884

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

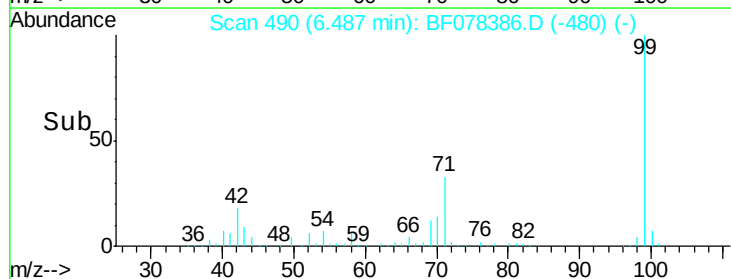
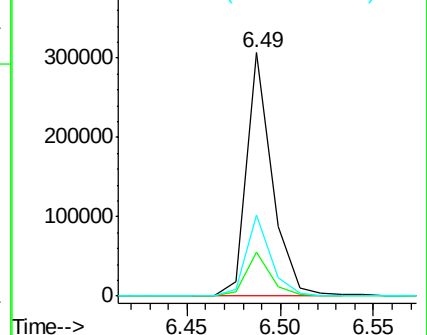
71 33.3 26.6 39.8

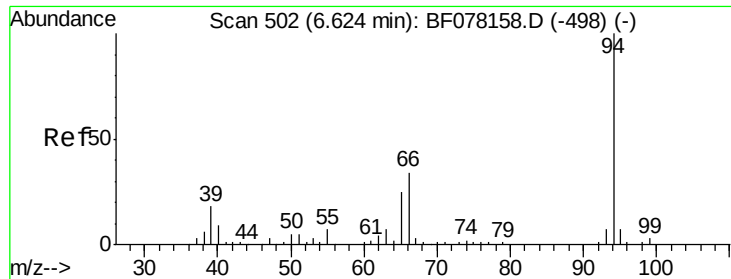


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

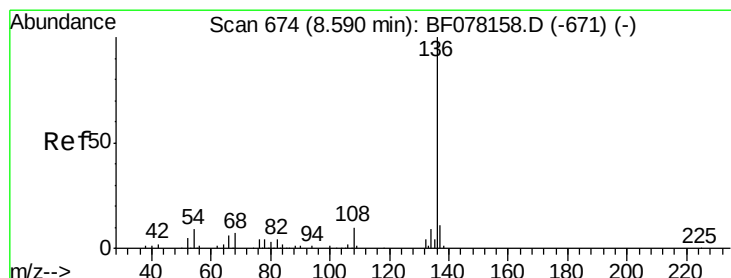
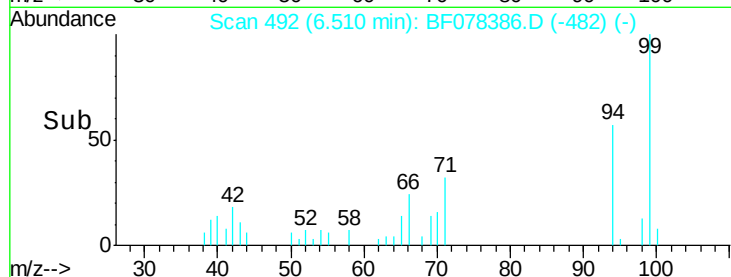
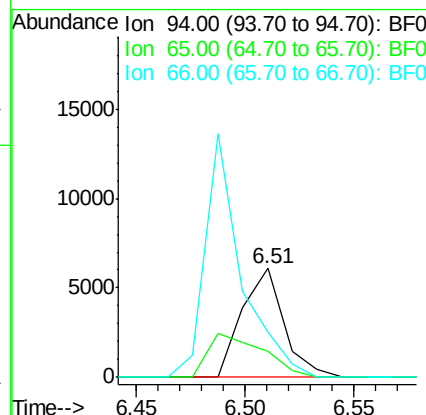
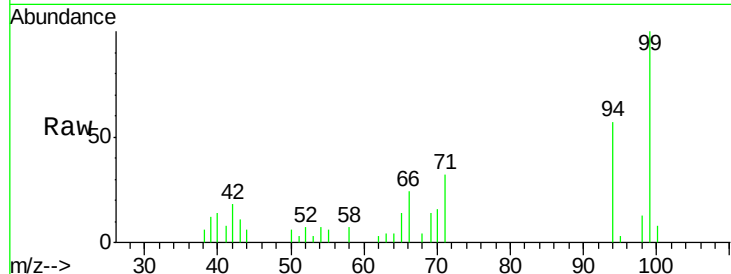




#10
Phenol
Concen: 2.52 ng
RT: 6.51 min Scan# 492
Delta R.T. 0.01 min
Lab File: BF078386.D
Acq: 10 Apr 2015 6:22

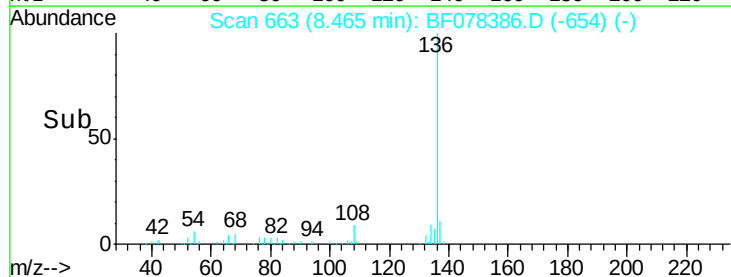
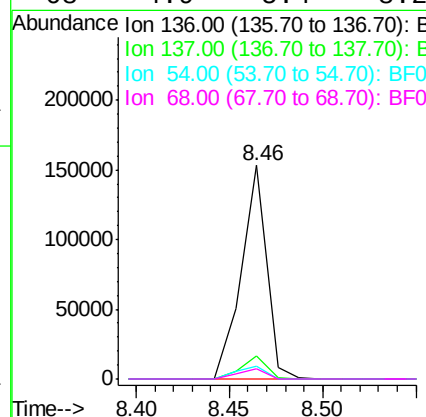
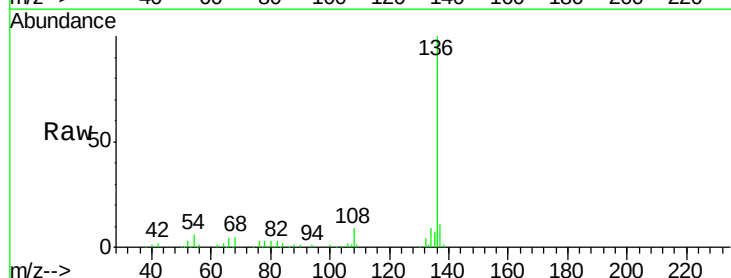
Instrument :
BNA_F
ClientSampleId :
SB04(1)

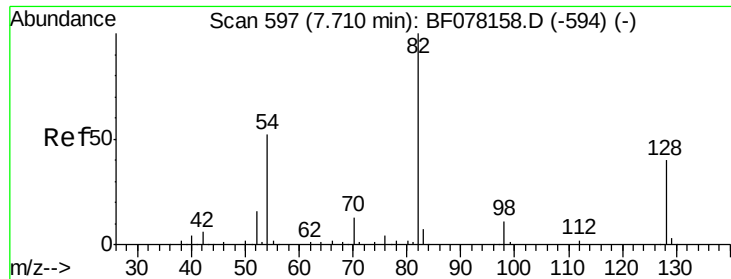
Tgt Ion: 94 Resp: 8148
Ion Ratio Lower Upper
94 100
65 23.8 4.9 44.9
66 41.3 13.8 53.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.46 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF078386.D
Acq: 10 Apr 2015 6:22

Tgt Ion: 136 Resp: 146113
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 5.8 7.0 10.6#
68 4.9 5.4 8.2#

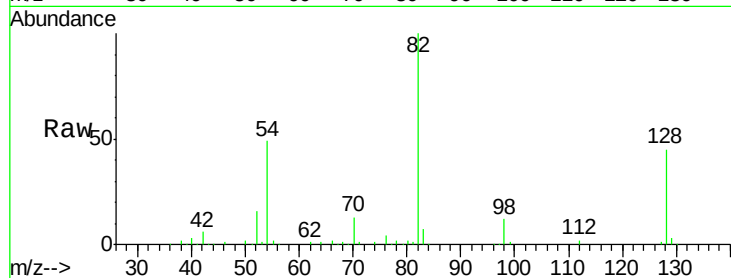




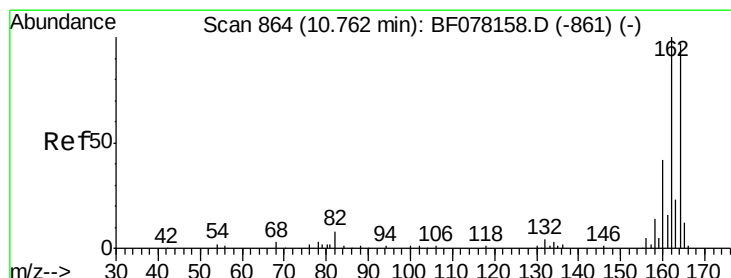
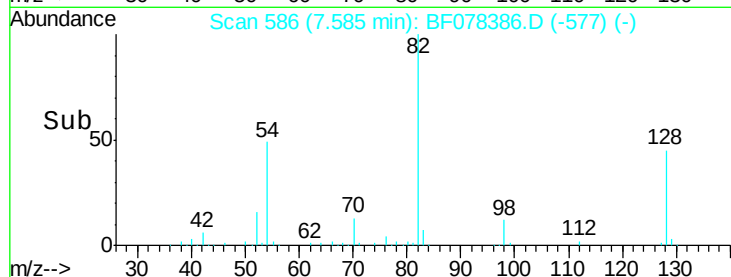
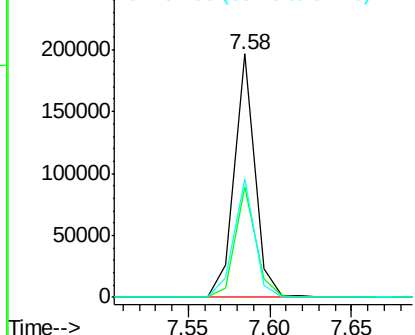
#23
 Nitrobenzene-d5
 Concen: 70.88 ng
 RT: 7.58 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF078386.D
 Acq: 10 Apr 2015 6:22

Instrument :
 BNA_F
 ClientSampled :
 SB04(1)

Tgt Ion: 82 Resp: 170860
 Ion Ratio Lower Upper
 82 100
 128 45.3 31.8 47.8
 54 48.7 41.5 62.3

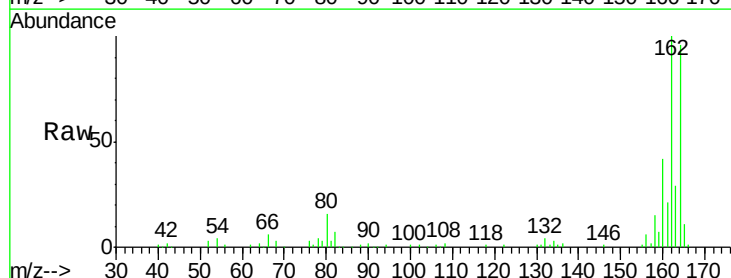


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

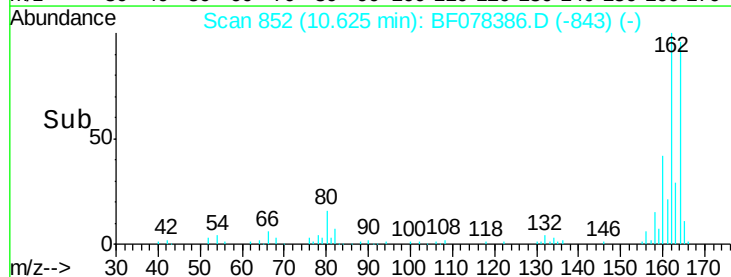
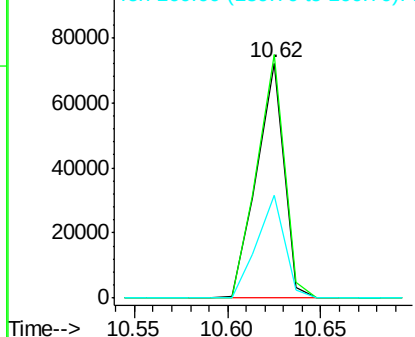


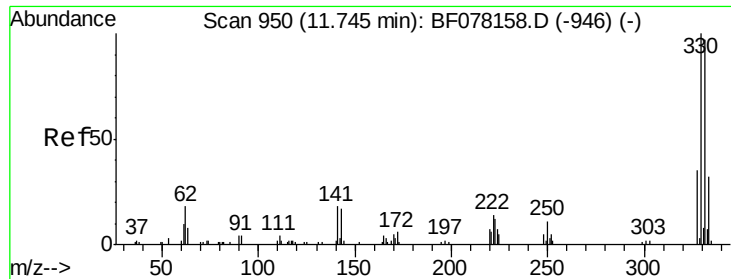
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF078386.D
 Acq: 10 Apr 2015 6:22

Tgt Ion: 164 Resp: 73105
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.2 123.2
 160 43.7 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

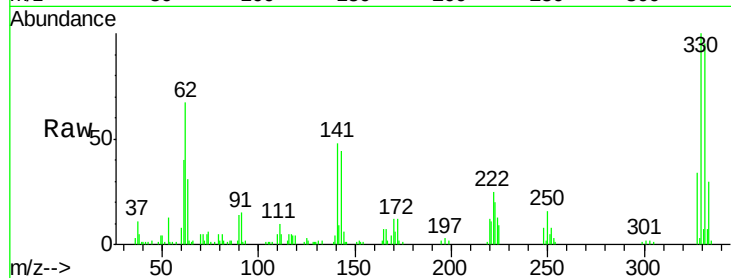




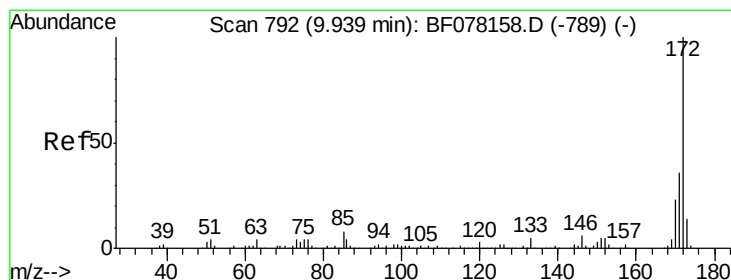
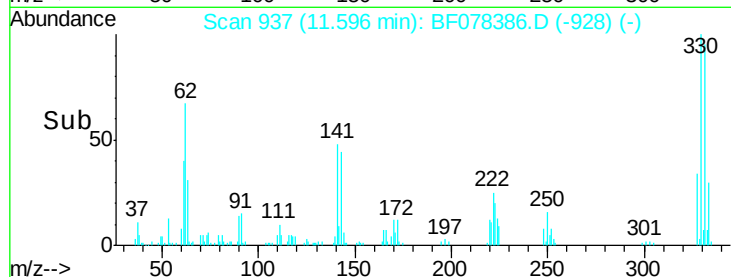
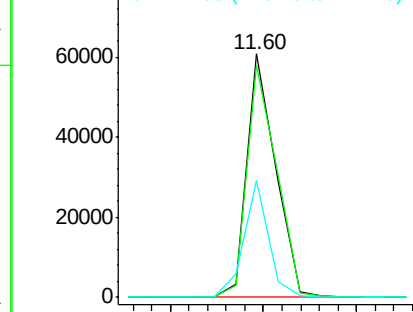
#41
 2,4,6-Tribromophenol
 Concen: 106.91 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF078386.D
 Acq: 10 Apr 2015 6:22

Instrument :
 BNA_F
 ClientSampleId :
 SB04(1)

Tgt Ion:330 Resp: 64821
 Ion Ratio Lower Upper
 330 100
 332 98.4 78.6 117.8
 141 41.5 31.2 46.8

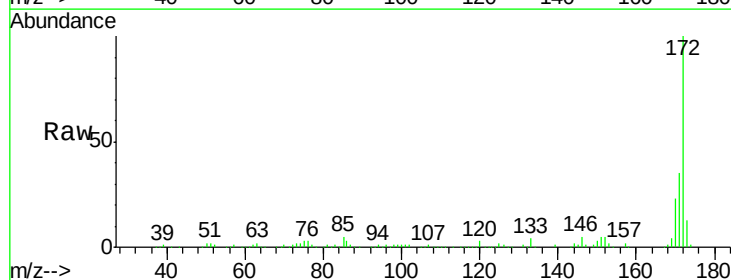


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

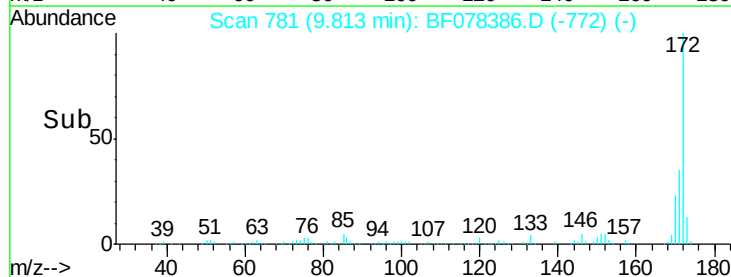
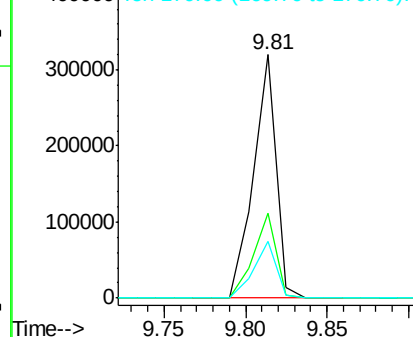


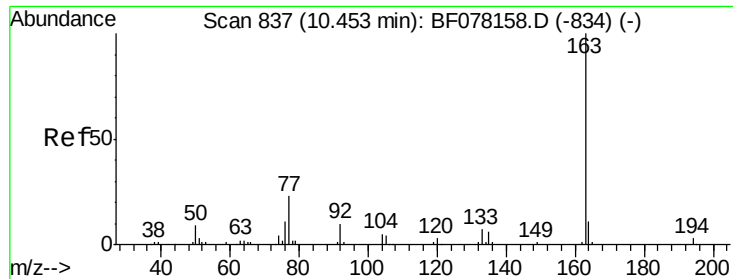
#44
 2-Fluorobiphenyl
 Concen: 60.14 ng
 RT: 9.81 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF078386.D
 Acq: 10 Apr 2015 6:22

Tgt Ion:172 Resp: 307599
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 42.8
 170 23.3 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

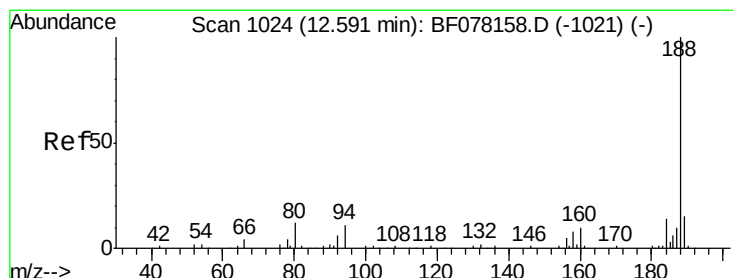
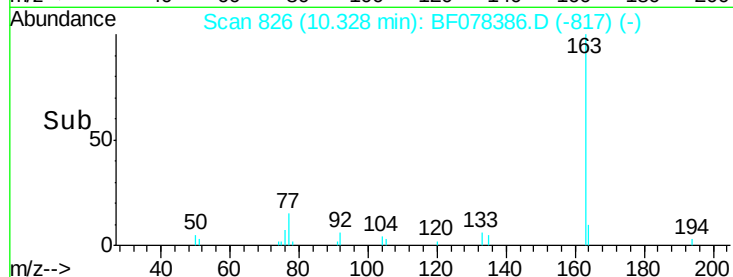
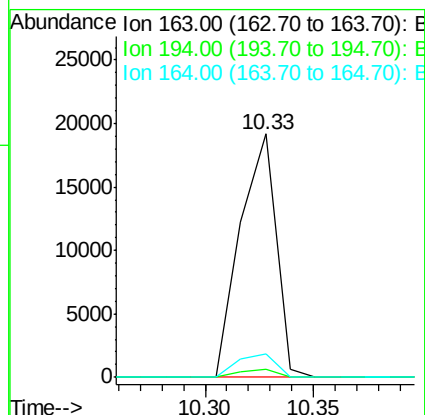
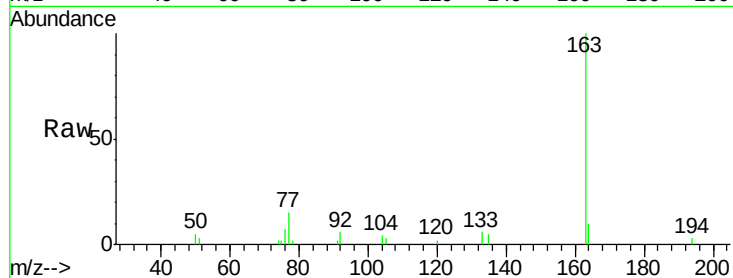




#49
Dimethylphthalate
Concen: 4.01 ng
RT: 10.33 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF078386.D
Acq: 10 Apr 2015 6:22

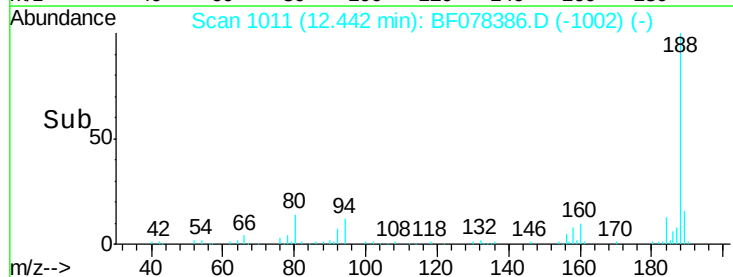
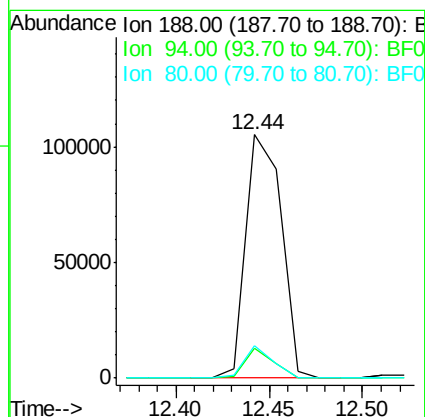
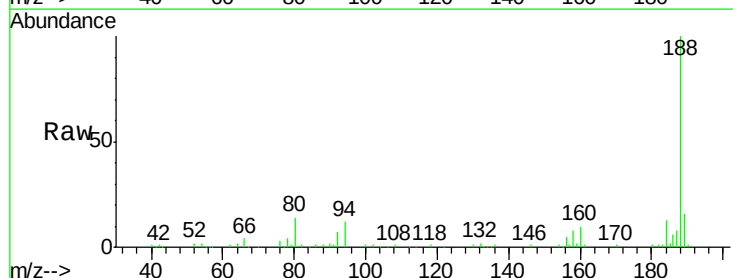
Instrument :
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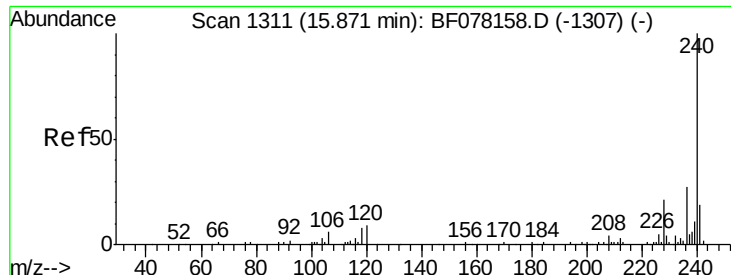
Tgt Ion:163 Resp: 22021
Ion Ratio Lower Upper
163 100
194 3.3 2.3 3.5
164 9.6 8.6 13.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.44 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF078386.D
Acq: 10 Apr 2015 6:22

Tgt Ion:188 Resp: 139421
Ion Ratio Lower Upper
188 100
94 12.3 9.0 13.4
80 13.6 9.5 14.3

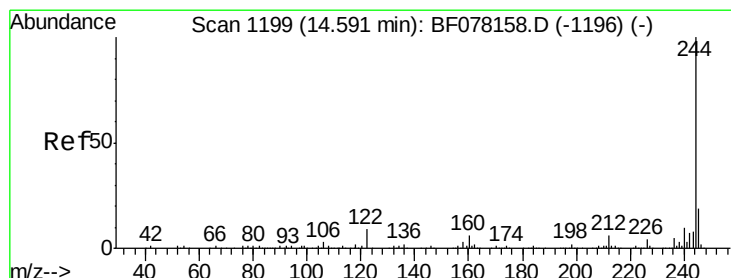
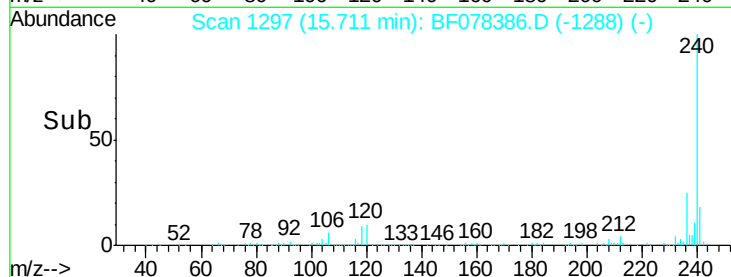
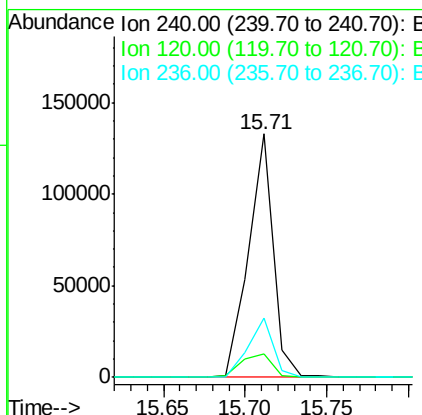
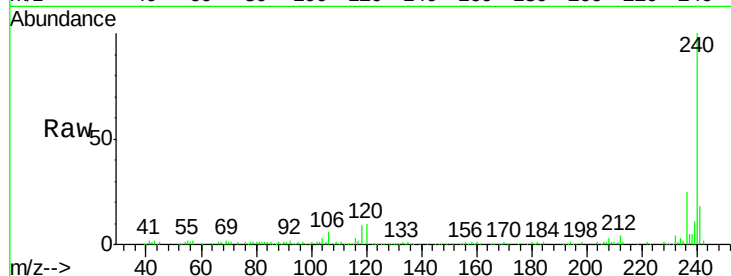




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF078386.D
Acq: 10 Apr 2015 6:22

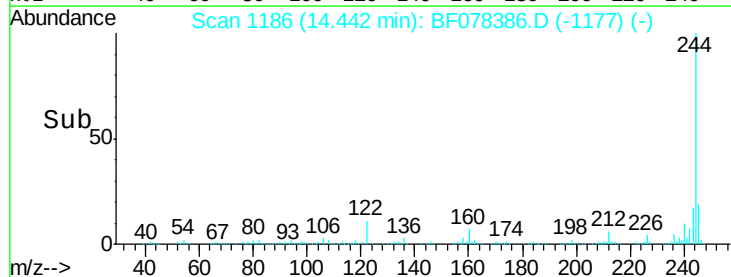
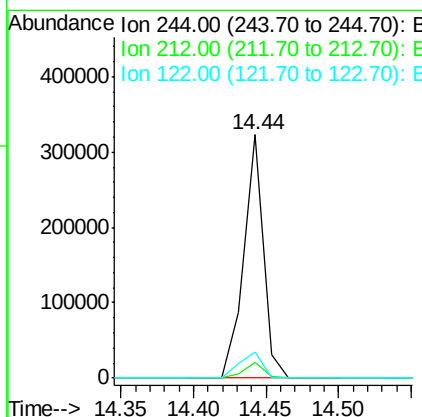
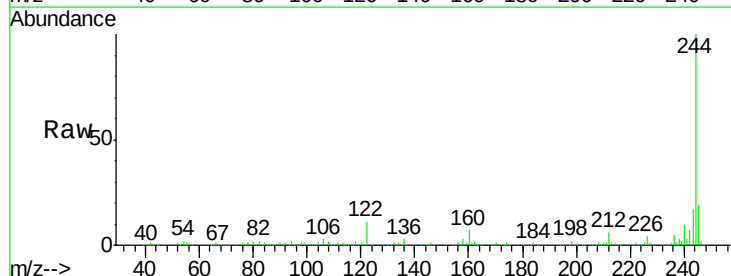
Instrument :
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SB04(1)

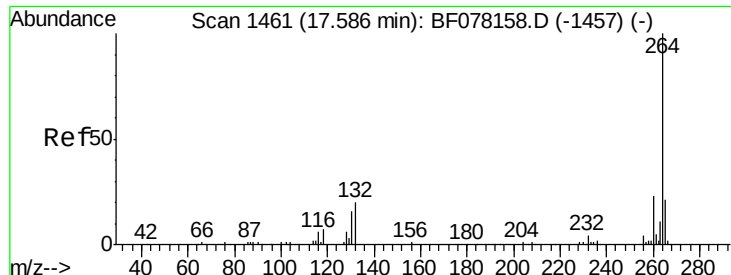
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.1	10.7
236	24.5	21.4	32.2



#78
Terphenyl-d14
Concen: 49.31 ng
RT: 14.44 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF078386.D
Acq: 10 Apr 2015 6:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	10.7	7.1	10.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.39 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF078386.D
Acq: 10 Apr 2015 6:22

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	20.9	17.0	25.6

