

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078464.D
 Acq On : 13 Apr 2015 17:10
 Operator : TP/IZ
 Sample : G1787-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD07C

Quant Time: Apr 14 01:22:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 01:02:55 2015
 Response via : Initial Calibration

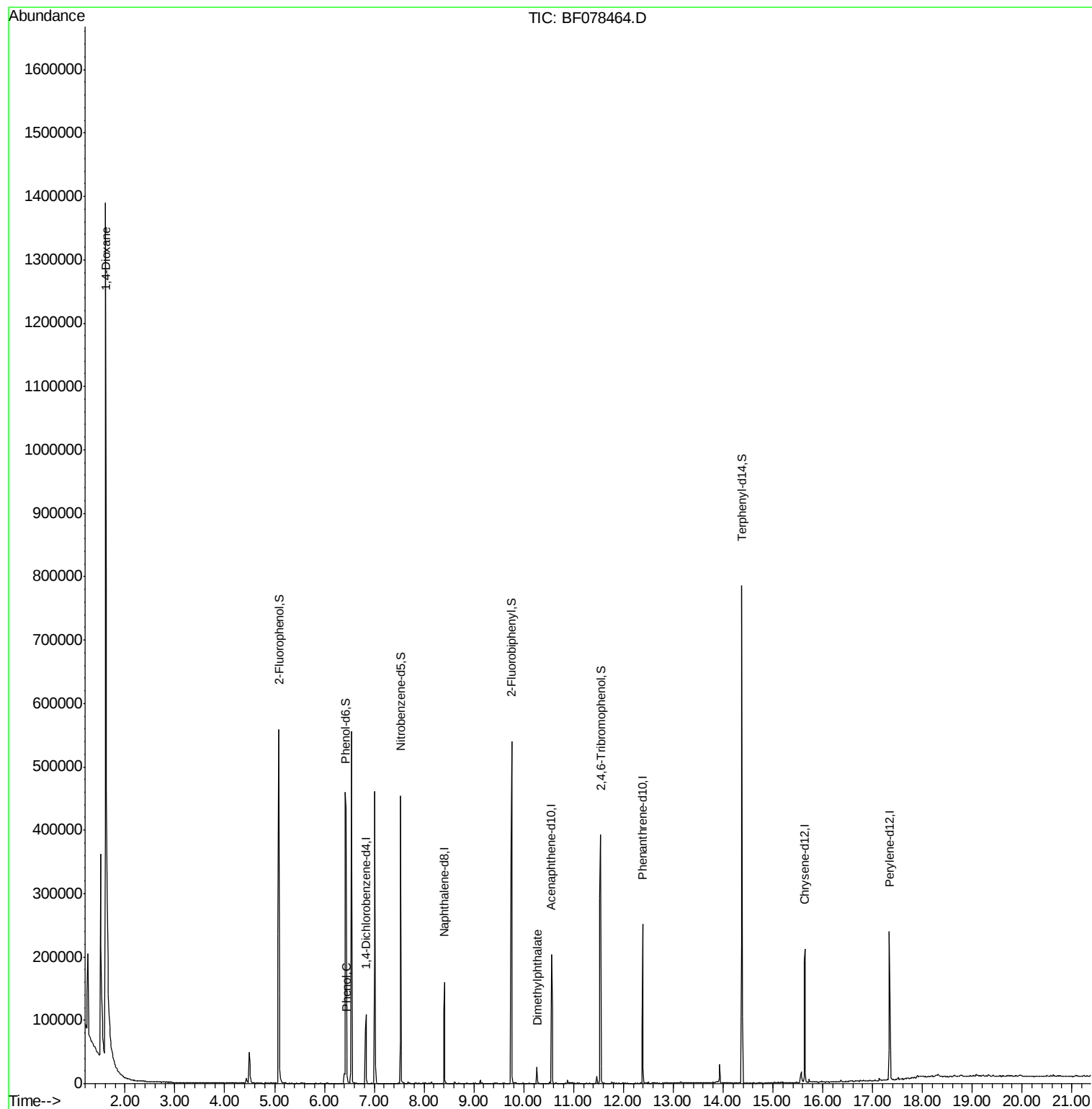
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	23937	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	100674	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	51397	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	103752	20.00	ng	0.00
75) Chrysene-d12	15.65	240	116381	20.00	ng	-0.01
86) Perylene-d12	17.34	264	112351	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	204956	141.17	ng	0.00
7) Phenol-d6	6.43	99	250479	137.67	ng	0.00
23) Nitrobenzene-d5	7.53	82	140918	84.84	ng	-0.01
41) 2,4,6-Tribromophenol	11.54	330	61181	143.53	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	230647	64.15	ng	0.00
78) Terphenyl-d14	14.38	244	278405	54.06	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.61	88	57010	86.84	ng	# 23
10) Phenol	6.44	94	6033	2.77	ng	90
49) Dimethylphthalate	10.27	163	17092	4.43	ng	# 97

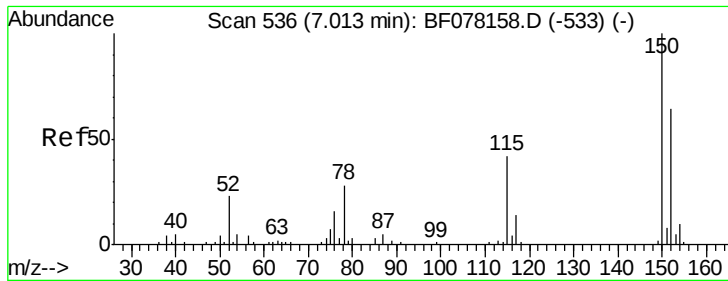
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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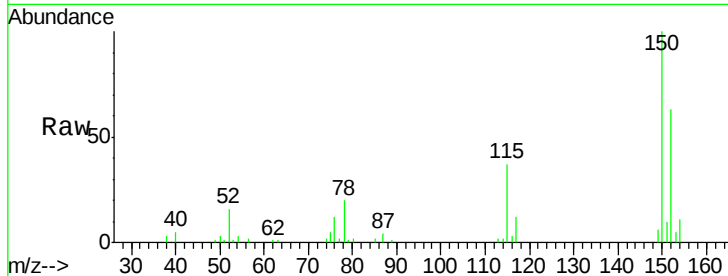


#1

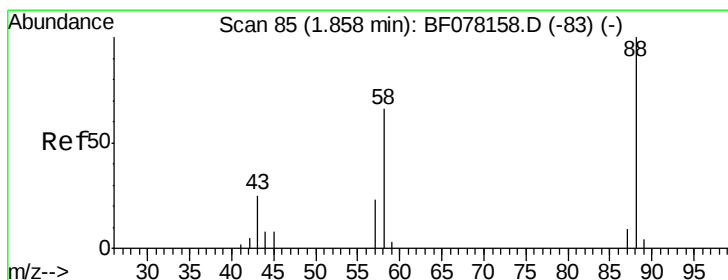
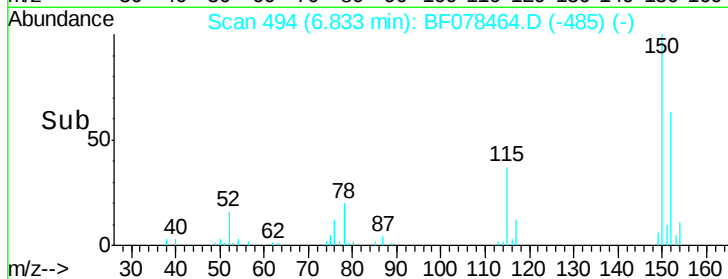
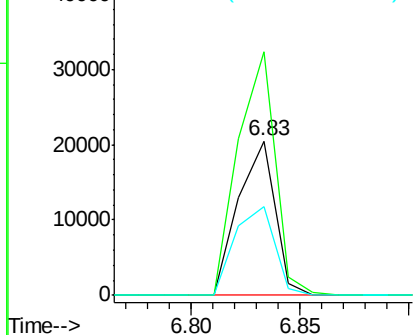
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF078464.D
Acq: 13 Apr 2015 17:10

Instrument :
BNA_F
ClientSampleId :
LS-SD07C

Tgt Ion:152 Resp: 23937
Ion Ratio Lower Upper
152 100
150 157.9 125.9 188.9
115 57.6 52.7 79.1



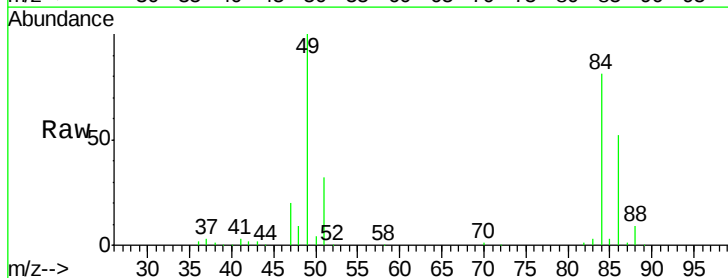
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



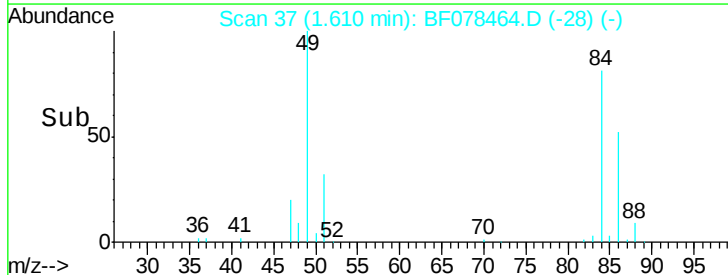
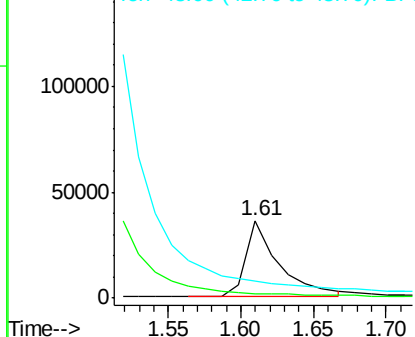
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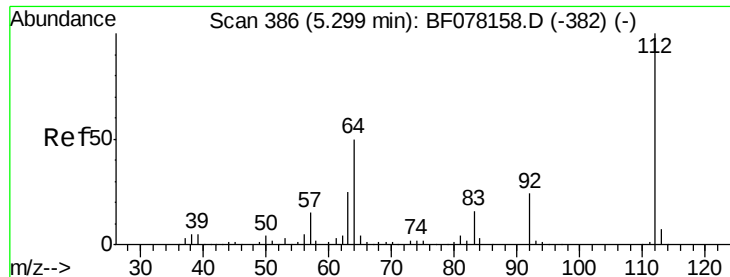
1,4-Dioxane
Concen: 86.84 ng
RT: 1.61 min Scan# 37
Delta R.T. 0.00 min
Lab File: BF078464.D
Acq: 13 Apr 2015 17:10

Tgt Ion: 88 Resp: 57010
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: 141.17 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.00 min

Lab File: BF078464.D

Acq: 13 Apr 2015 17:10

Instrument :

BNA_F

ClientSampleId :

LS-SD07C

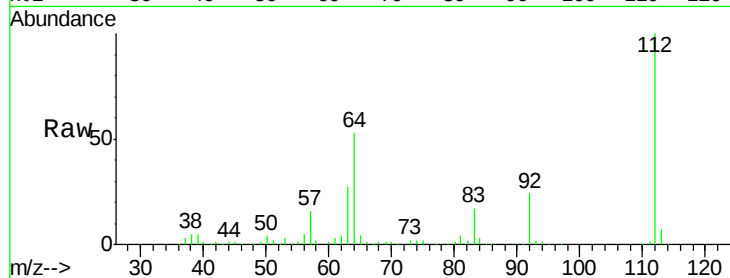
Tgt Ion: 112 Resp: 204956

Ion Ratio Lower Upper

112 100

64 53.2 39.9 59.9

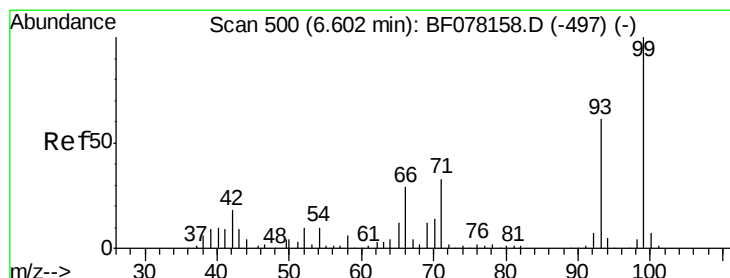
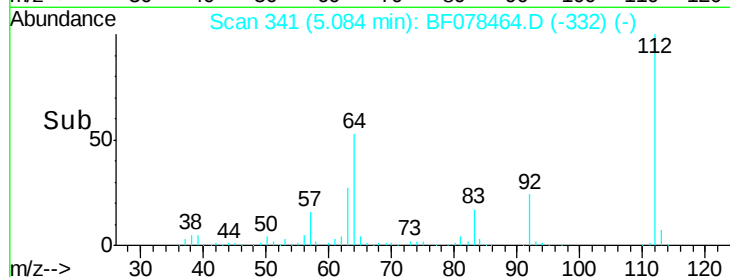
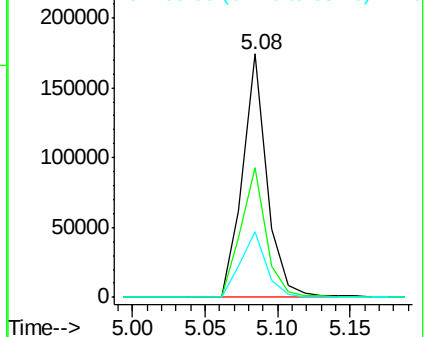
63 26.8 20.2 30.4



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: 137.67 ng

RT: 6.43 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF078464.D

Acq: 13 Apr 2015 17:10

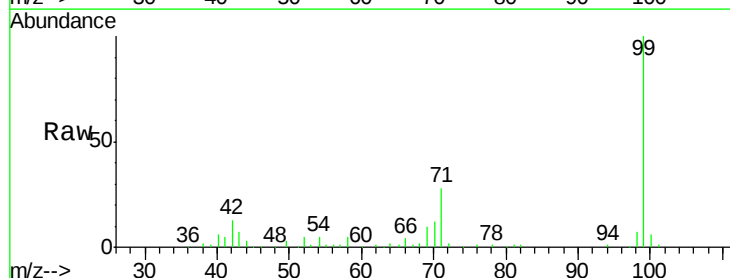
Tgt Ion: 99 Resp: 250479

Ion Ratio Lower Upper

99 100

42 13.3 14.8 22.2#

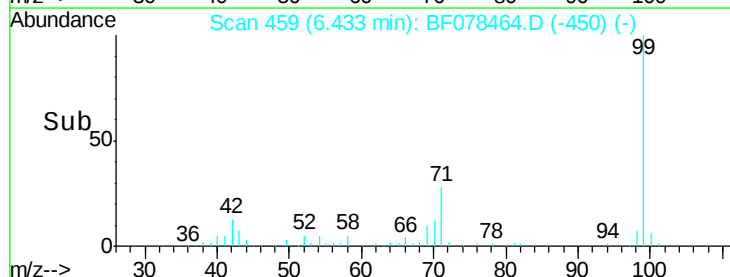
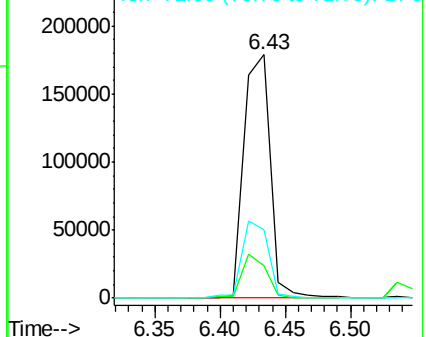
71 28.0 26.6 39.8

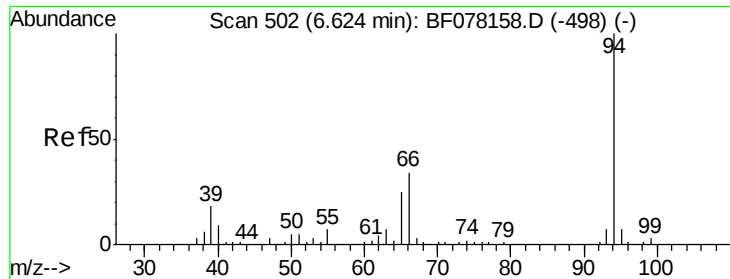


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.77 ng

RT: 6.44 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF078464.D

Acq: 13 Apr 2015 17:10

Instrument :

BNA_F

ClientSampleId :

LS-SD07C

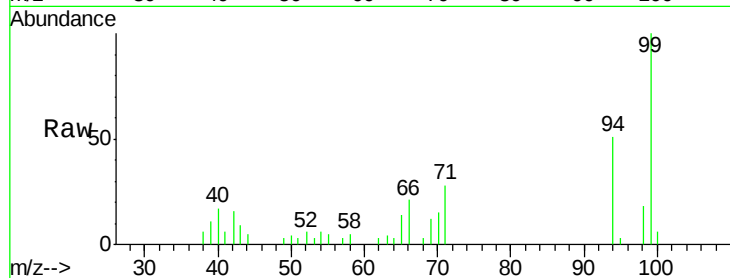
Tgt Ion: 94 Resp: 6033

Ion Ratio Lower Upper

94 100

65 27.5 4.9 44.9

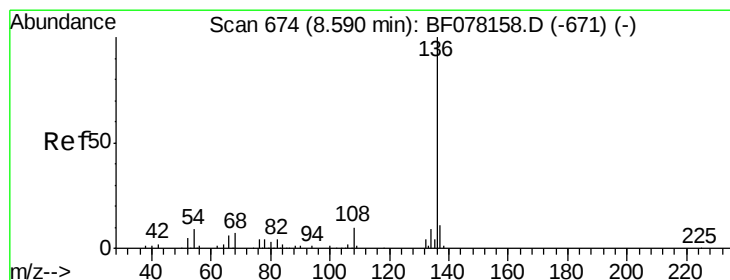
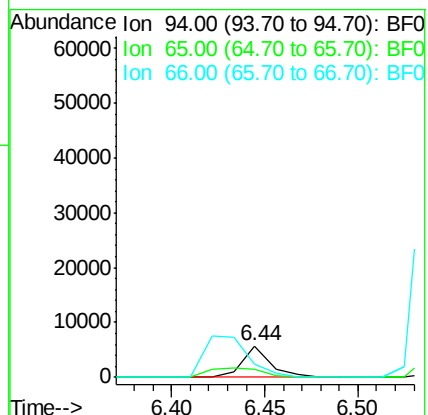
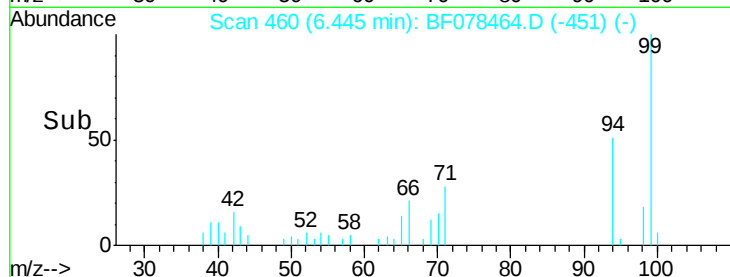
66 41.8 13.8 53.8



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: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF078464.D

Acq: 13 Apr 2015 17:10

Tgt Ion: 136 Resp: 100674

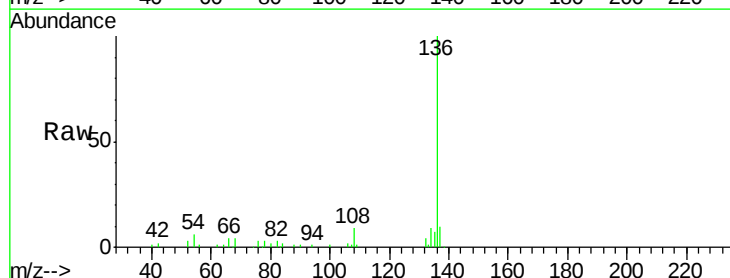
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 5.6 7.0 10.6#

68 4.4 5.4 8.2#

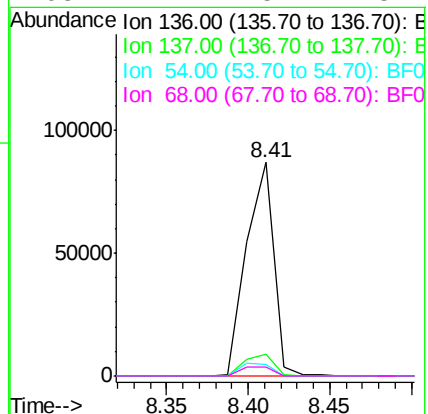
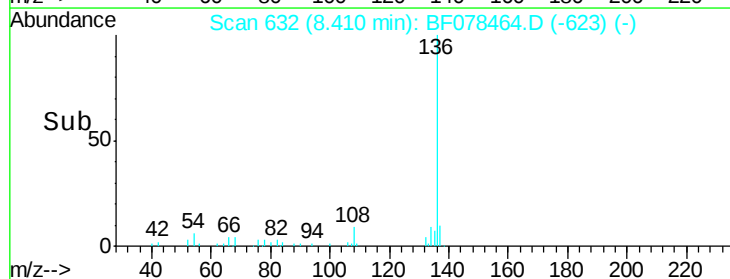


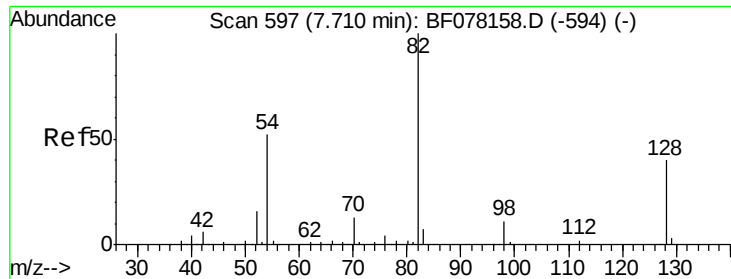
Abundance Ion 136.00 (135.70 to 136.70): E

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

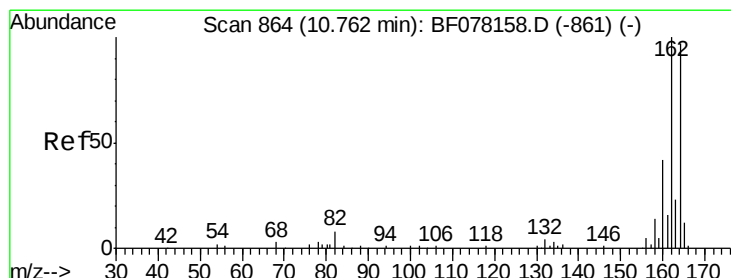
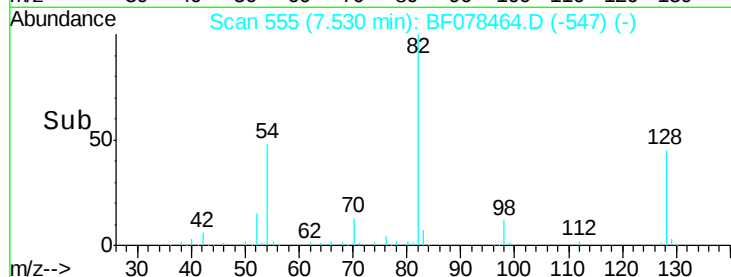
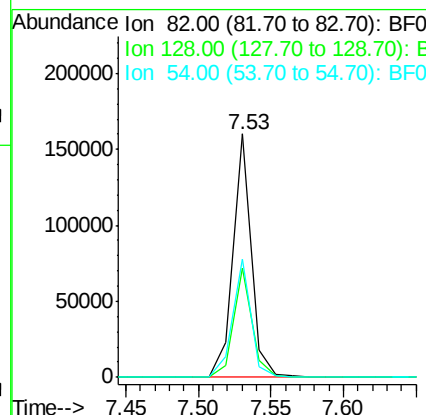
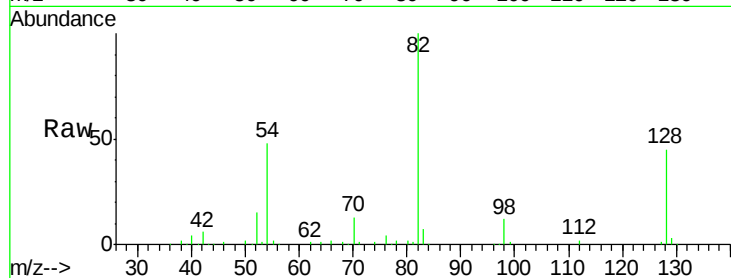




#23
 Nitrobenzene-d5
 Concen: 84.84 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF078464.D
 Acq: 13 Apr 2015 17:10

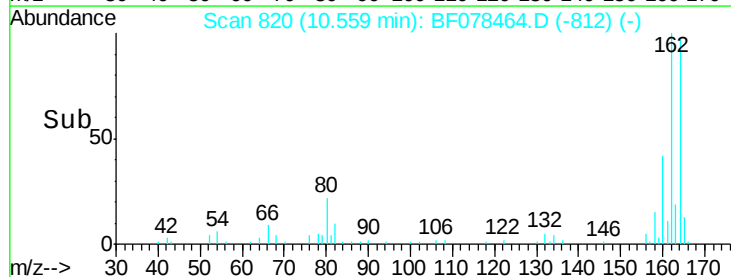
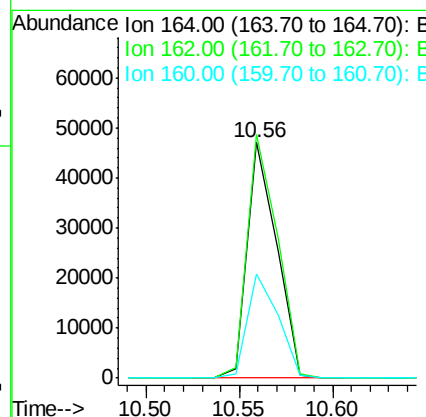
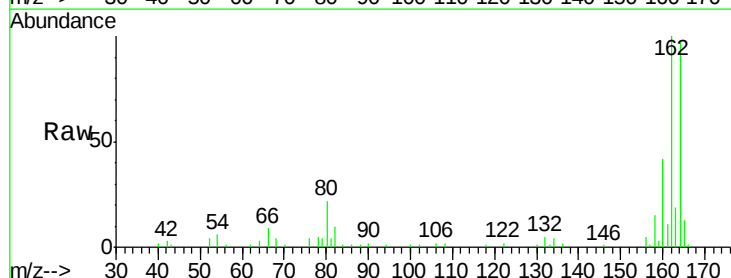
Instrument :
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 LS-SD07C

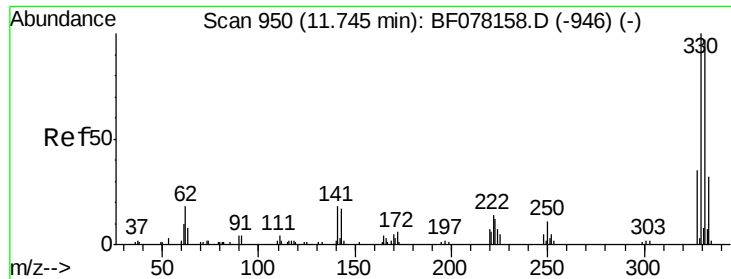
Tgt Ion: 82 Resp: 140918
 Ion Ratio Lower Upper
 82 100
 128 45.1 31.8 47.8
 54 48.4 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078464.D
 Acq: 13 Apr 2015 17:10

Tgt Ion: 164 Resp: 51397
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.2 123.2
 160 43.9 34.7 52.1

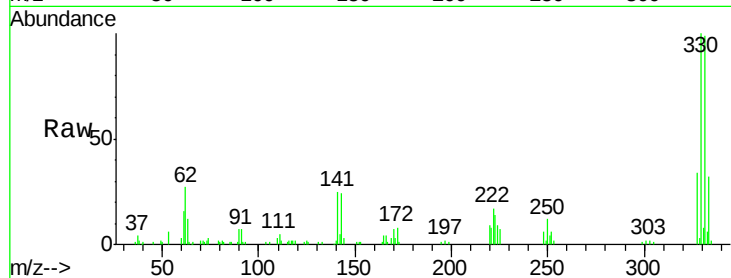




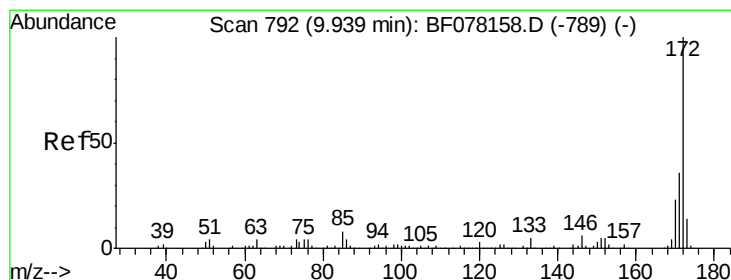
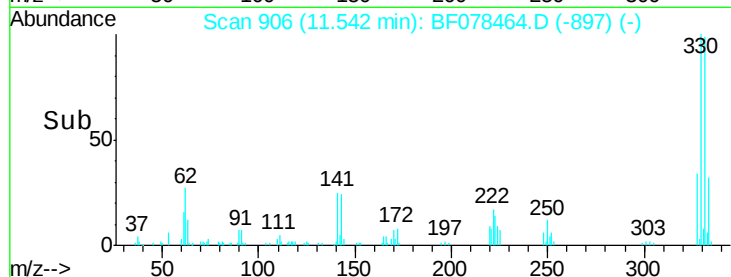
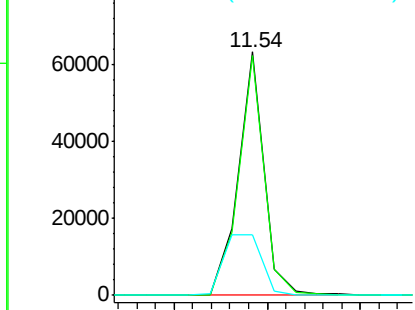
#41
 2,4,6-Tribromophenol
 Concen: 143.53 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078464.D
 Acq: 13 Apr 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD07C

Tgt Ion:330 Resp: 61181
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.6 117.8
 141 37.0 31.2 46.8

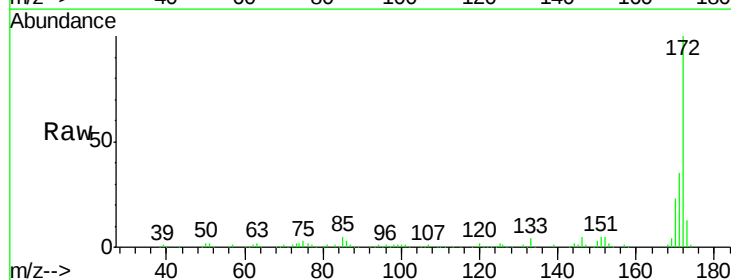


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

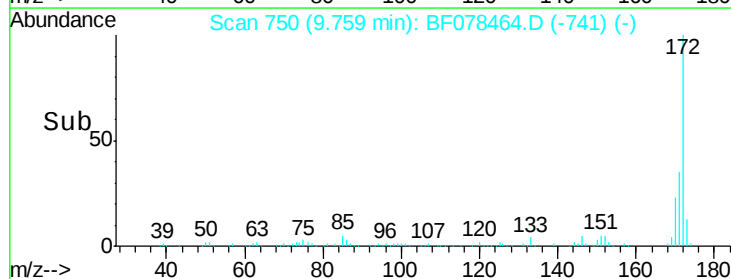
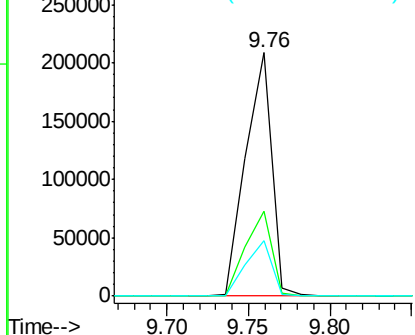


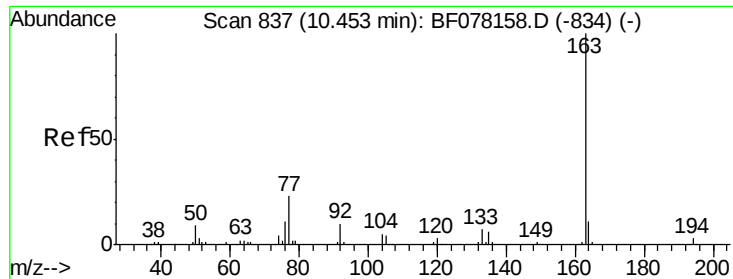
#44
 2-Fluorobiphenyl
 Concen: 64.15 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF078464.D
 Acq: 13 Apr 2015 17:10

Tgt Ion:172 Resp: 230647
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 22.9 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

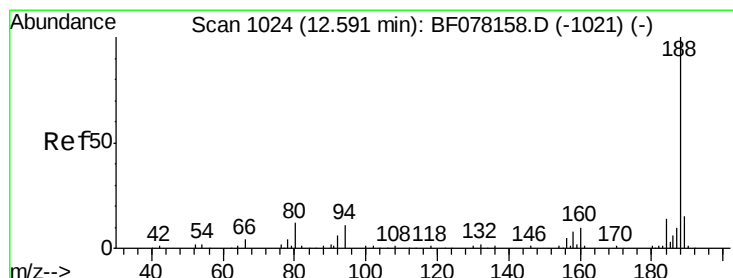
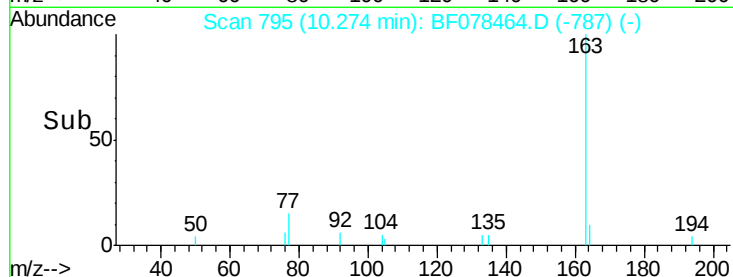
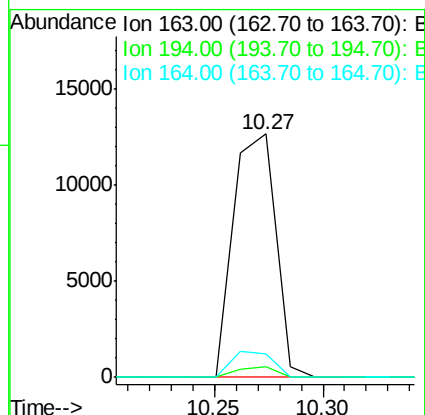
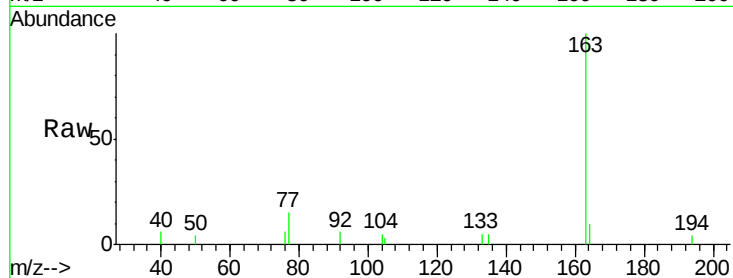




#49
Dimethylphthalate
Concen: 4.43 ng
RT: 10.27 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF078464.D
Acq: 13 Apr 2015 17:10

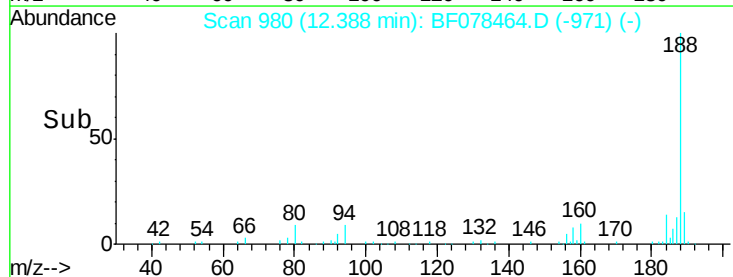
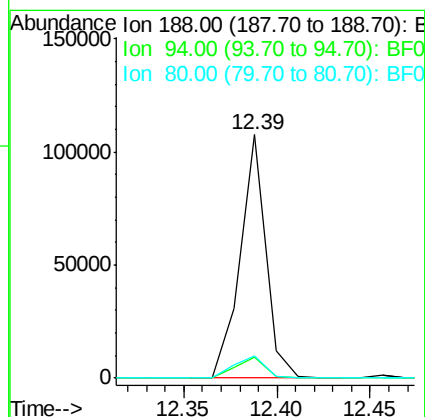
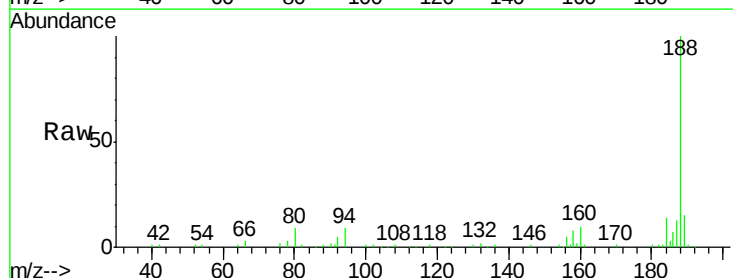
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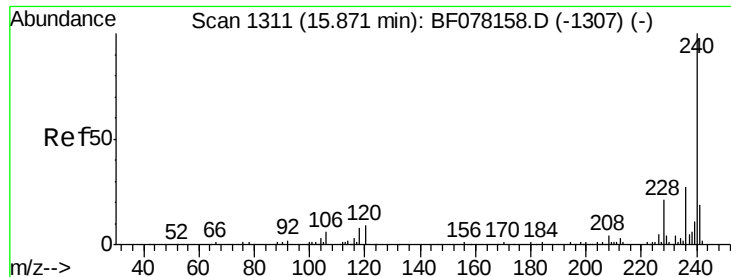
Tgt Ion:163 Resp: 17092
Ion Ratio Lower Upper
163 100
194 4.5 2.3 3.5#
164 9.6 8.6 13.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078464.D
Acq: 13 Apr 2015 17:10

Tgt Ion:188 Resp: 103752
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.4#
80 9.2 9.5 14.3#

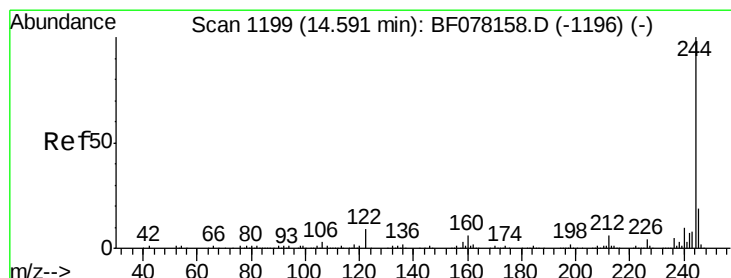
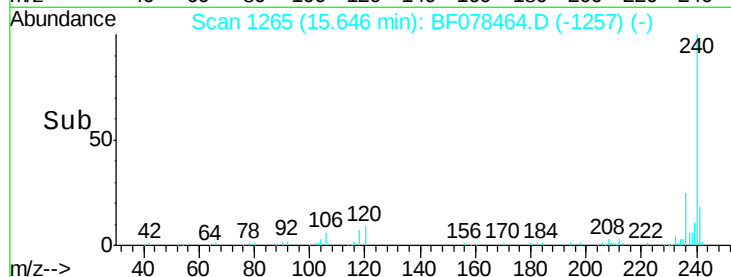
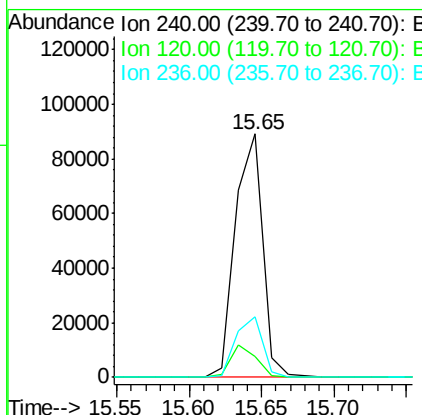
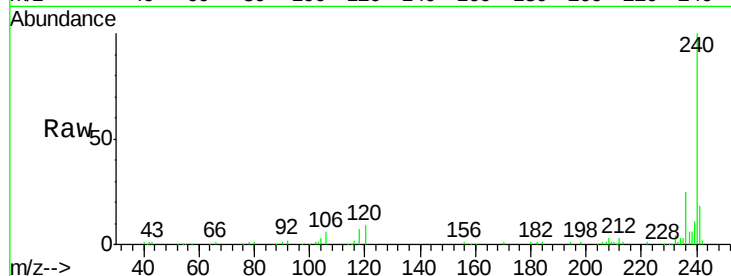




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF078464.D
 Acq: 13 Apr 2015 17:10

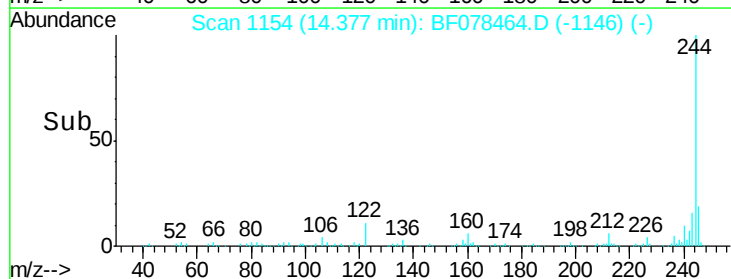
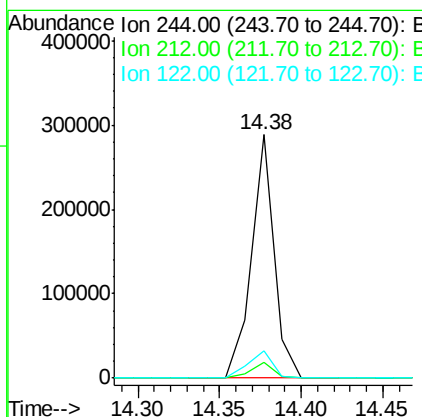
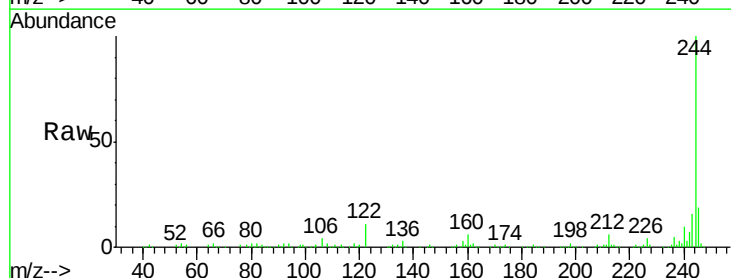
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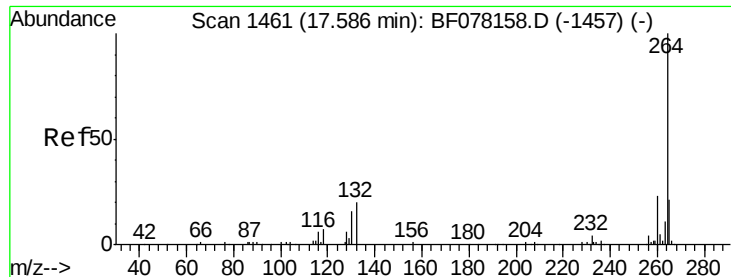
Tgt Ion: 240 Resp: 116381
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.1 10.7
 236 24.9 21.4 32.2



#78
 Terphenyl-d14
 Concen: 54.06 ng
 RT: 14.38 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF078464.D
 Acq: 13 Apr 2015 17:10

Tgt Ion: 244 Resp: 278405
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 11.2 7.1 10.7#

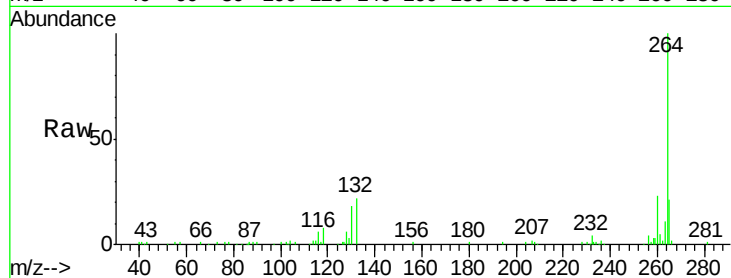




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.34 min Scan# 1413
Delta R.T. -0.06 min
Lab File: BF078464.D
Acq: 13 Apr 2015 17:10

Instrument :
BNA_F
ClientSampleId :
LS-SD07C

Tgt Ion: 264 Resp: 112351
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 20.8 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

