

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079575.D
 Acq On : 29 May 2015 22:30
 Operator : TP/IZ
 Sample : G2419-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: May 29 23:40:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

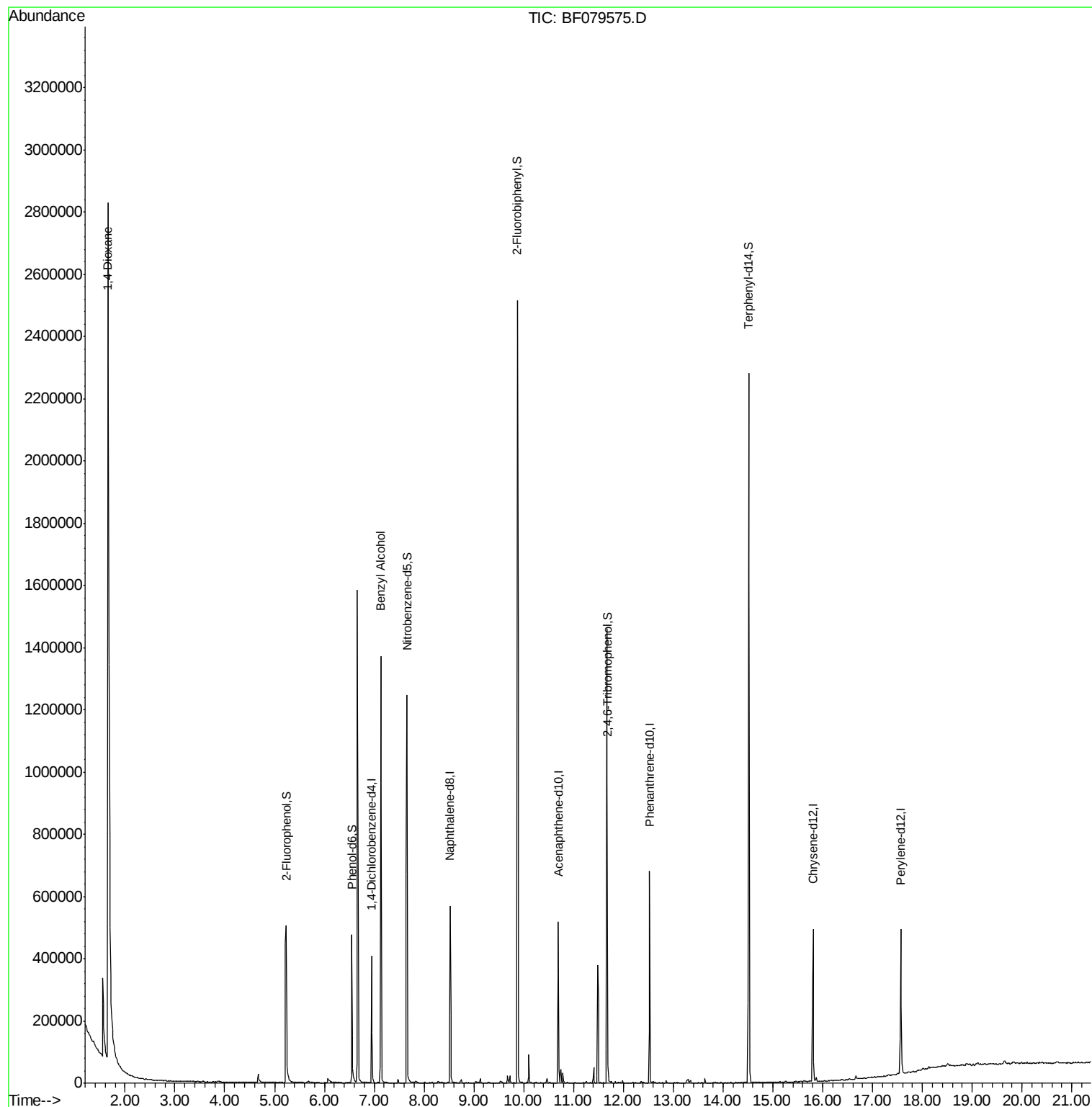
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72699	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	292615	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	137873	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	263231	20.00	ng	0.00
75) Chrysene-d12	15.81	240	230520	20.00	ng	-0.07
86) Perylene-d12	17.57	264	200293	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	255015	60.84	ng	0.00
7) Phenol-d6	6.55	99	200465	37.52	ng	0.00
23) Nitrobenzene-d5	7.66	82	495259	97.84	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	261024	172.37	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	980695	101.48	ng	-0.01
78) Terphenyl-d14	14.51	244	1038411	105.72	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.66	88	141289	70.86	ng	# 100
15) Benzyl Alcohol	7.13	79	7882	2.01	ng	# 41
73) Di-n-butylphthalate	13.29	149	7383	Below Cal	#	93
89) Benzo(a)pyrene	17.51	252	754	Below Cal	#	60
90) Dibenzo(a,h)anthracene	18.90	278	1882	Below Cal	#	74
91) Benzo(g,h,i)perylene	19.27	276	1620	Below Cal	#	51

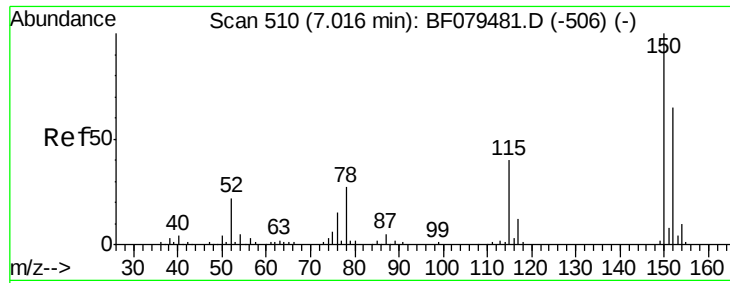
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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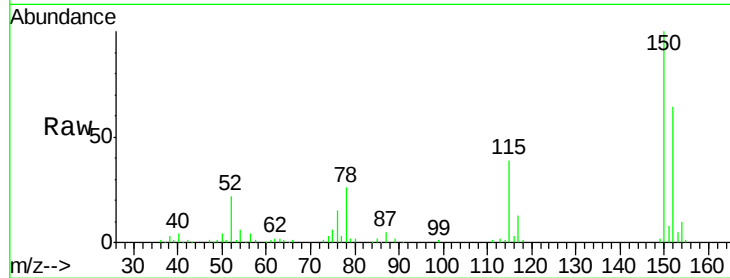




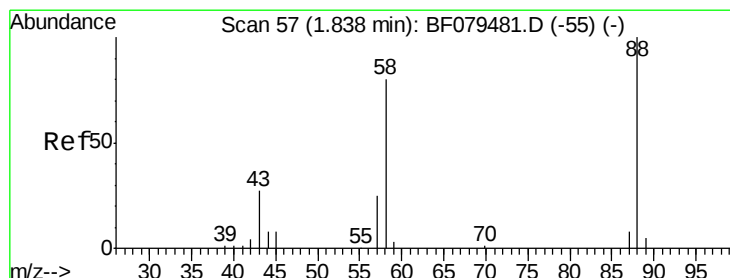
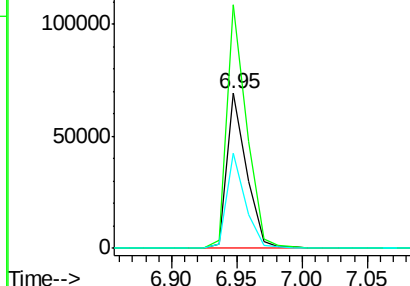
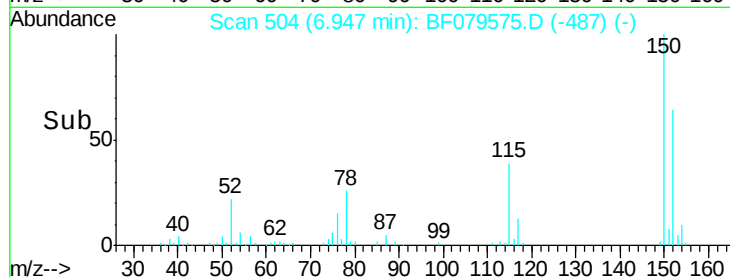
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF079575.D
 Acq: 29 May 2015 22:30

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tgt Ion:152 Resp: 72699
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.0 186.0
 115 61.2 49.6 74.4

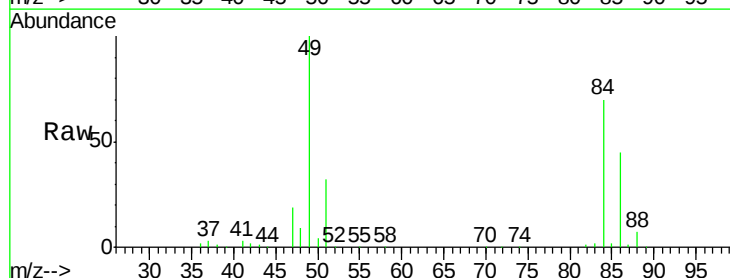


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

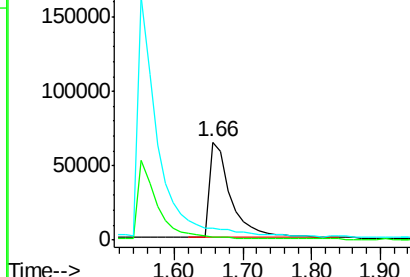
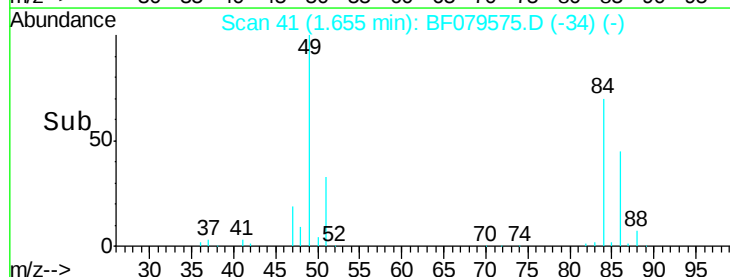


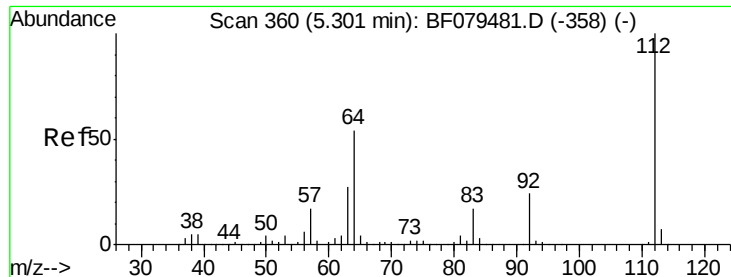
#2
 1,4-Dioxane
 Concen: 70.86 ng
 RT: 1.66 min Scan# 41
 Delta R.T. -0.11 min
 Lab File: BF079575.D
 Acq: 29 May 2015 22:30

Tgt Ion: 88 Resp: 141289
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0



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: 60.84 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079575.D

Acq: 29 May 2015 22:30

Instrument :

BNA_F

ClientSampleId :

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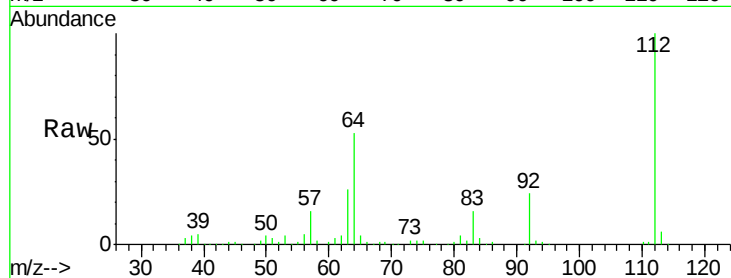
Tgt Ion: 112 Resp: 255015

Ion Ratio Lower Upper

112 100

64 52.9 43.5 65.3

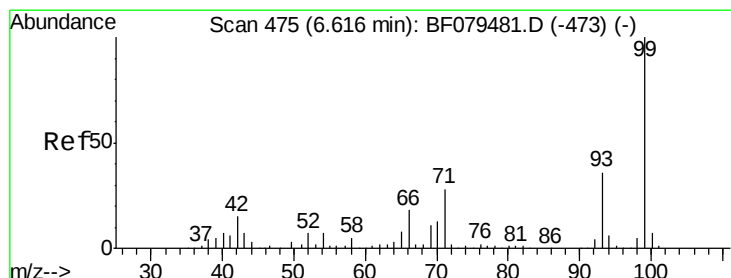
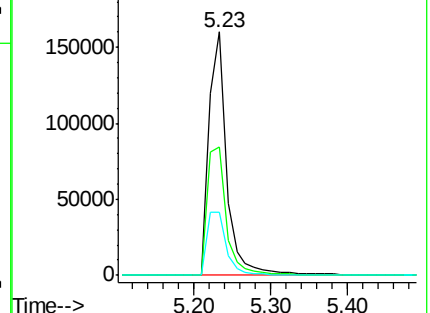
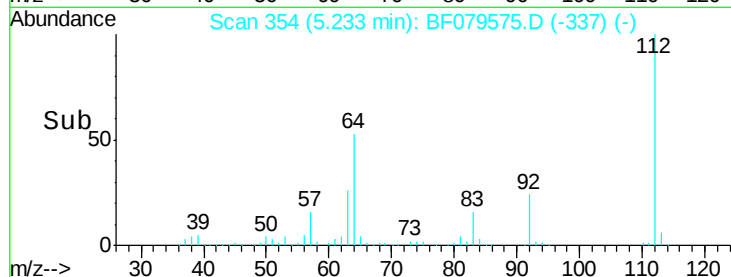
63 25.7 21.8 32.8



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: 37.52 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079575.D

Acq: 29 May 2015 22:30

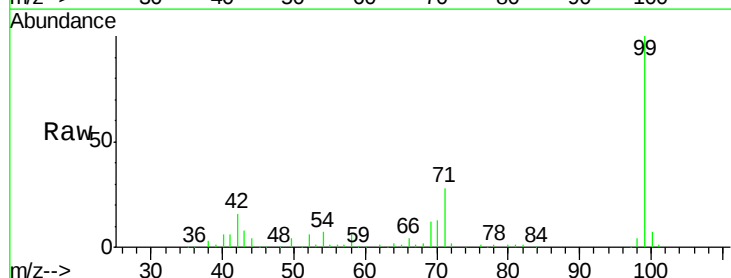
Tgt Ion: 99 Resp: 200465

Ion Ratio Lower Upper

99 100

42 15.9 11.9 17.9

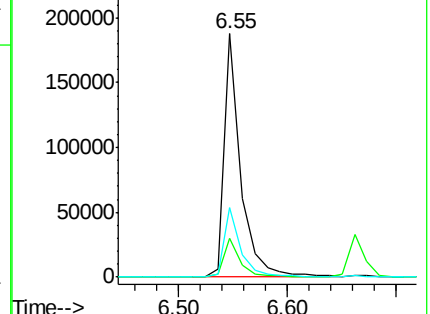
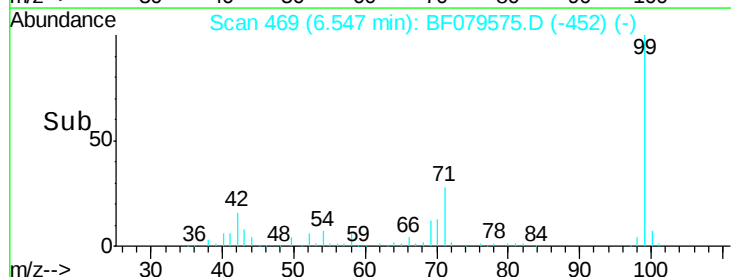
71 28.4 22.1 33.1

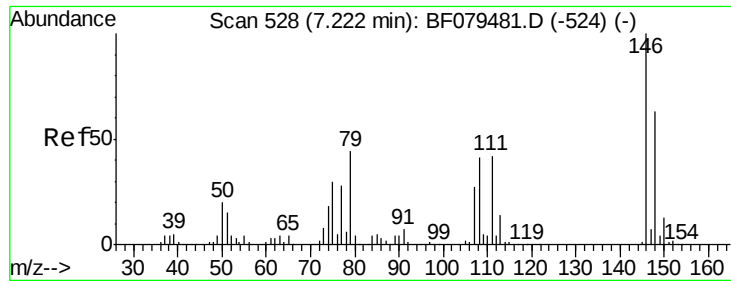


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.13 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF079575.D

Acq: 29 May 2015 22:30

Instrument :

BNA_F

ClientSampleId :

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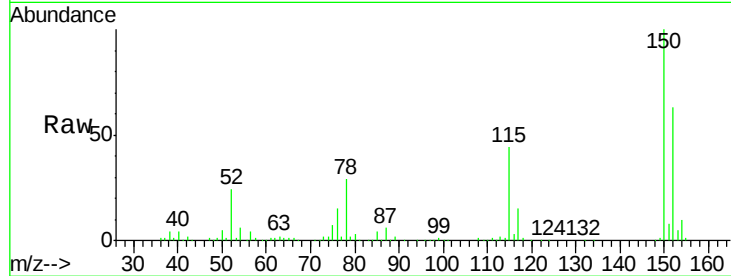
Tgt Ion: 79 Resp: 7882

Ion Ratio Lower Upper

79 100

108 27.6 73.7 110.5#

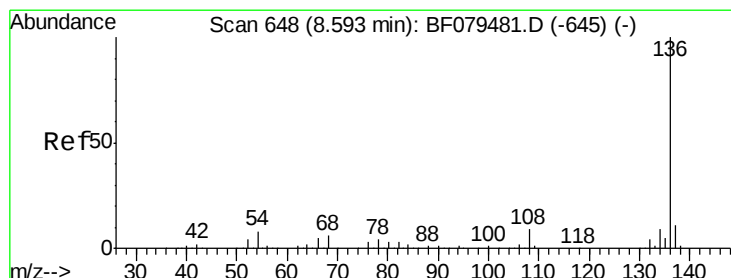
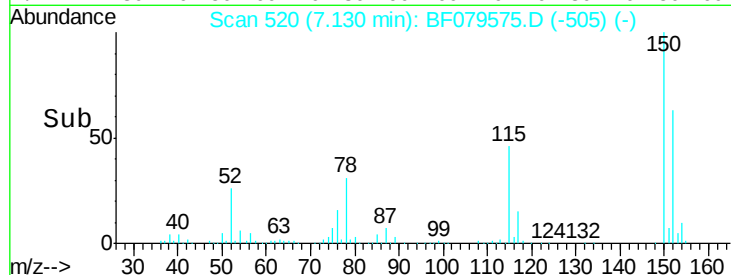
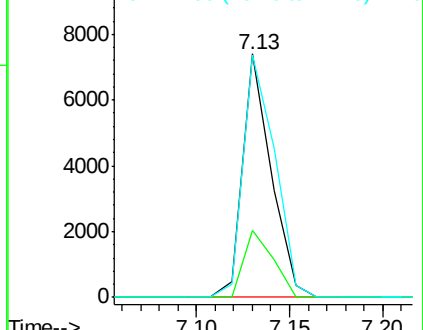
77 99.7 51.1 76.7#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079575.D

Acq: 29 May 2015 22:30

Tgt Ion: 136 Resp: 292615

Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.6 6.6 9.8

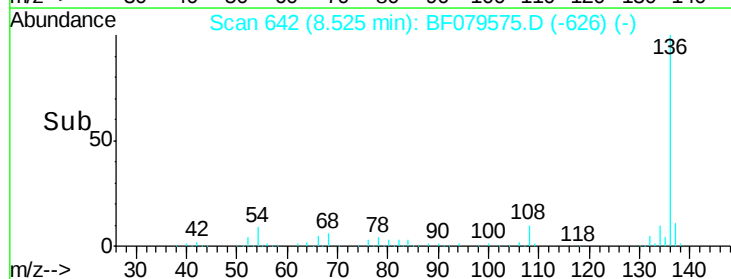
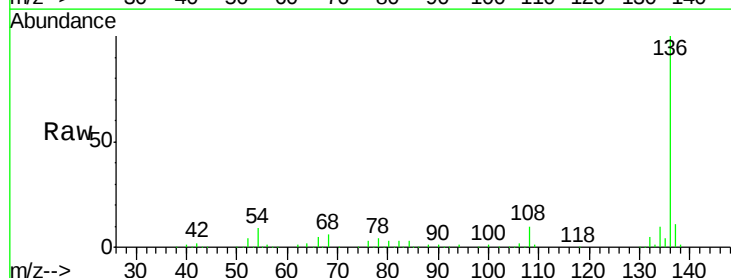
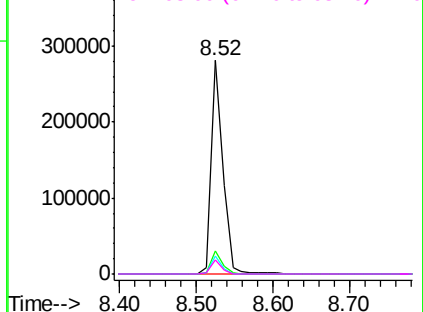
68 6.5 4.7 7.1

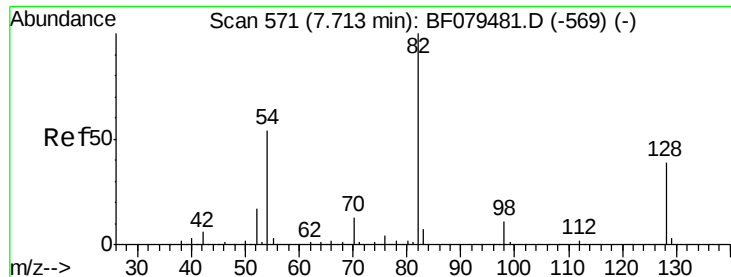
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

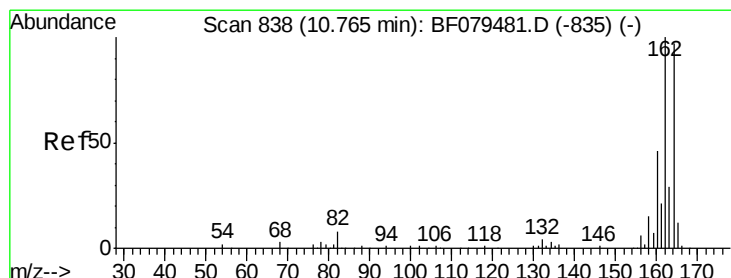
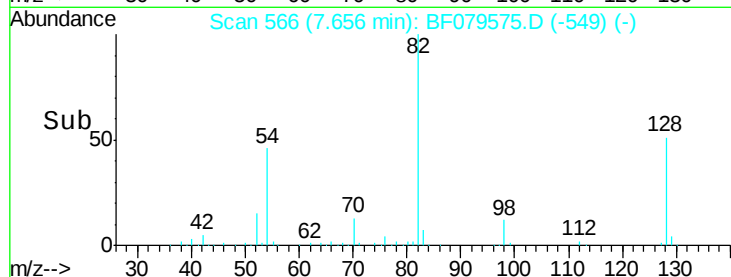
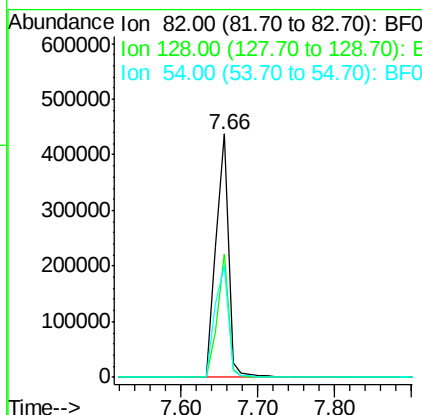
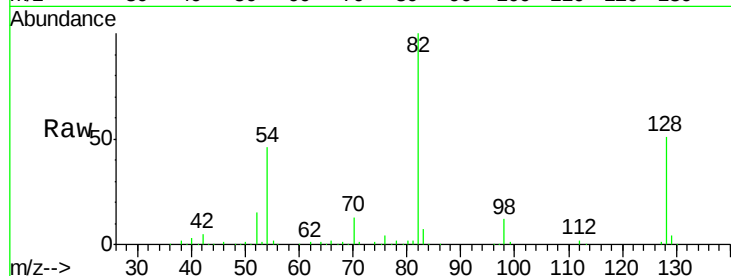




#23
 Nitrobenzene-d5
 Concen: 97.84 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF079575.D
 Acq: 29 May 2015 22:30

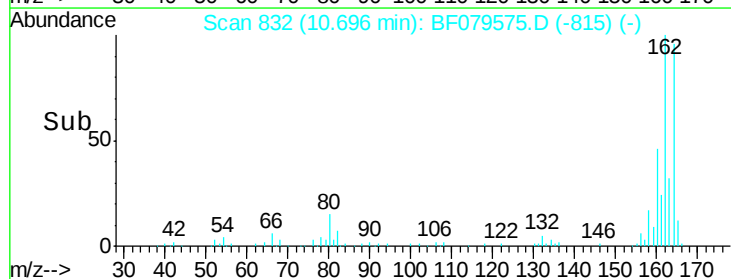
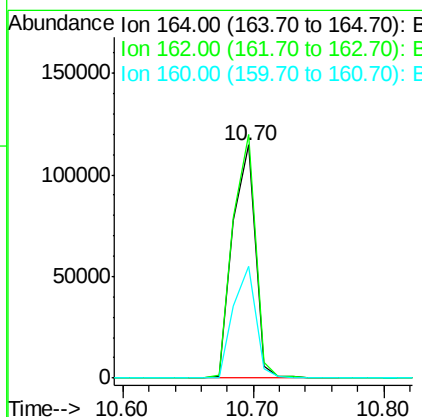
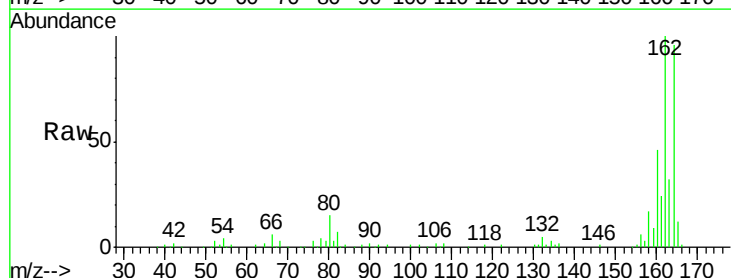
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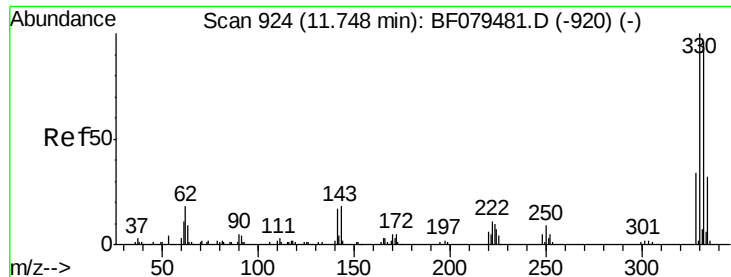
Tgt Ion: 82 Resp: 495259
 Ion Ratio Lower Upper
 82 100
 128 50.8 30.8 46.2#
 54 45.9 42.8 64.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF079575.D
 Acq: 29 May 2015 22:30

Tgt Ion: 164 Resp: 137873
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.6 124.0
 160 47.8 37.7 56.5

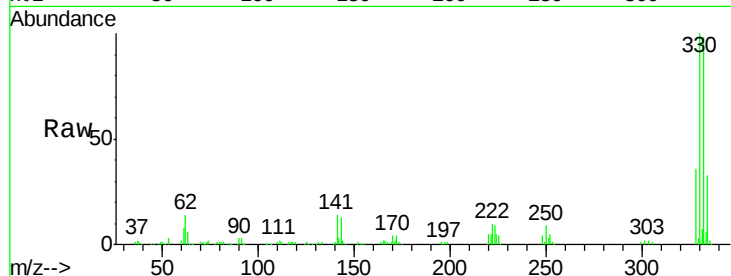




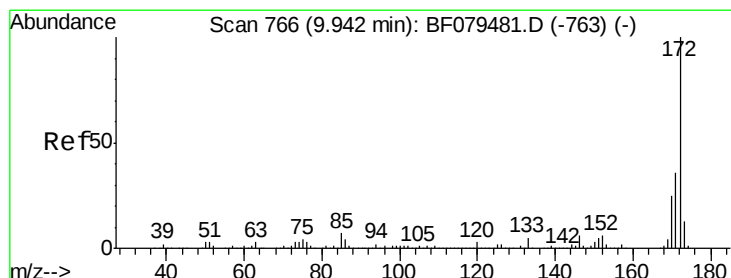
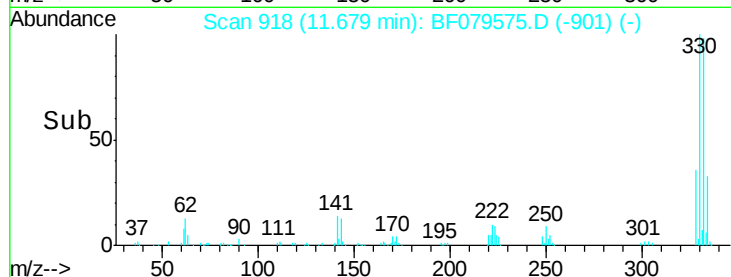
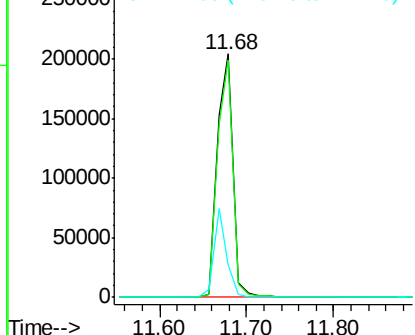
#41
 2,4,6-Tribromophenol
 Concen: 172.37 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF079575.D
 Acq: 29 May 2015 22:30

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 261024
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 29.6 0.0 0.0#

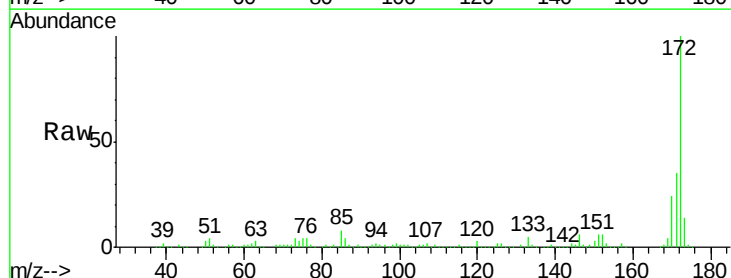


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

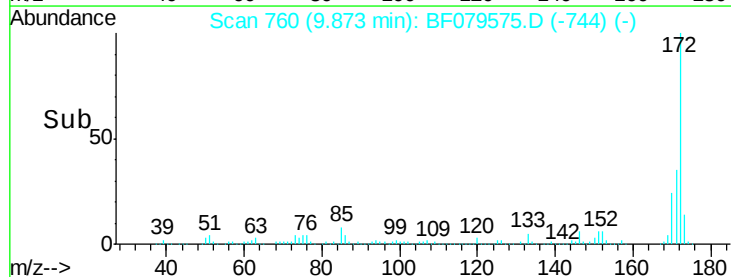
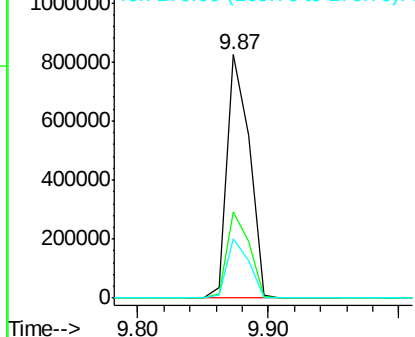


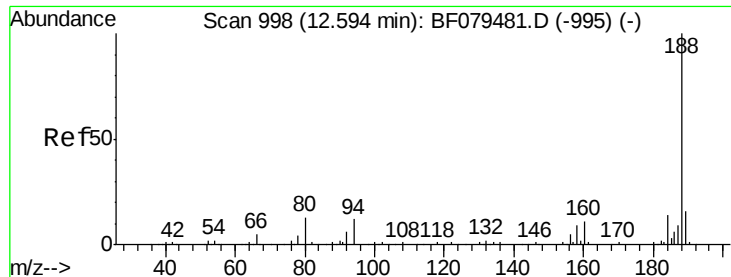
#44
 2-Fluorobiphenyl
 Concen: 101.48 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079575.D
 Acq: 29 May 2015 22:30

Tgt Ion:172 Resp: 980695
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 24.4 19.7 29.5



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

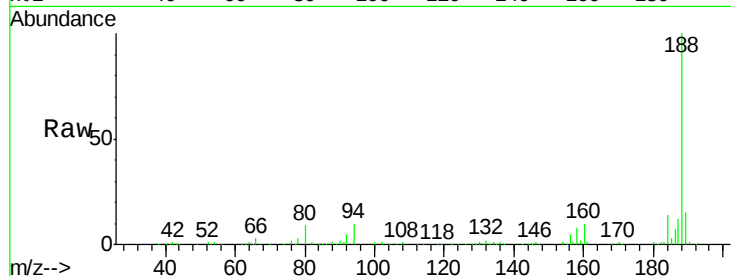




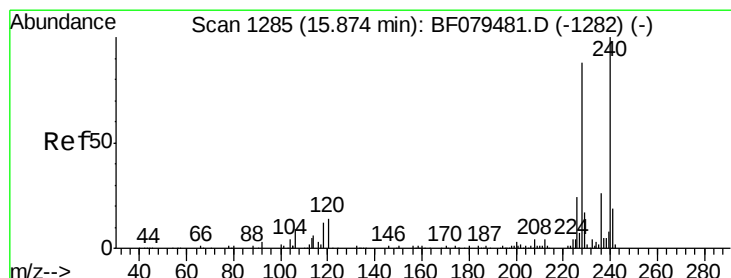
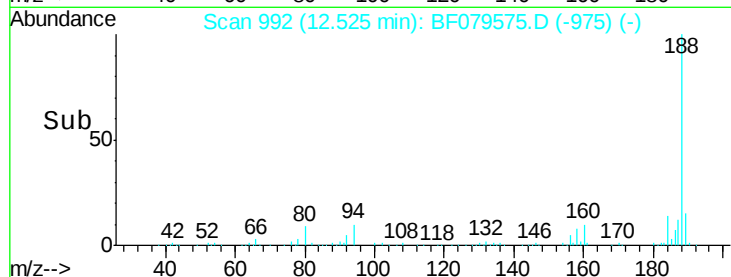
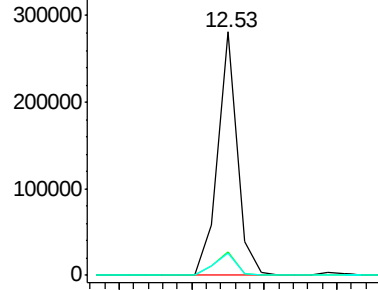
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF079575.D
Acq: 29 May 2015 22:30

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 263231
Ion Ratio Lower Upper
188 100
94 9.5 9.8 14.6#
80 9.2 10.5 15.7#

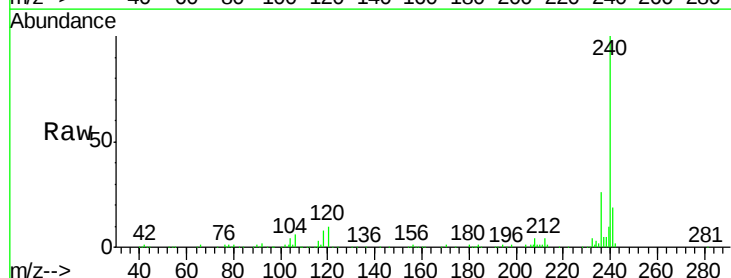


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

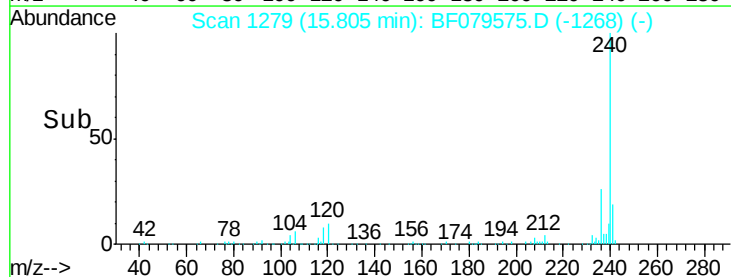
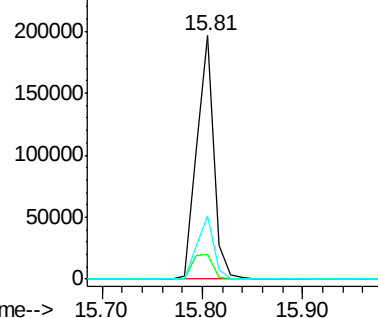


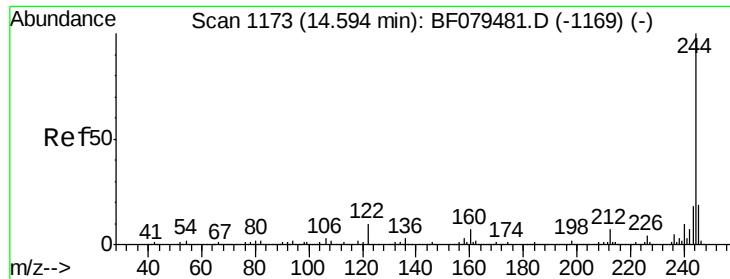
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF079575.D
Acq: 29 May 2015 22:30

Tgt Ion:240 Resp: 230520
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 26.0 21.0 31.6



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

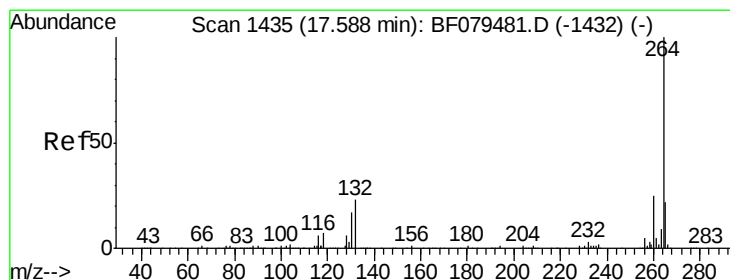
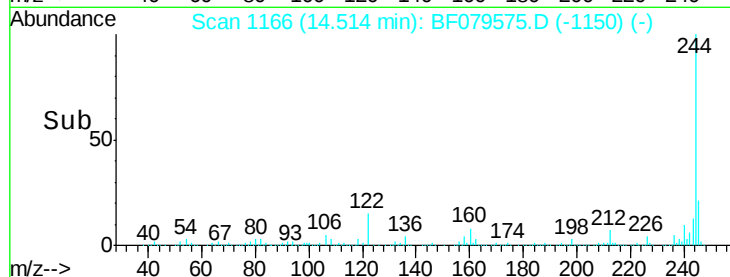
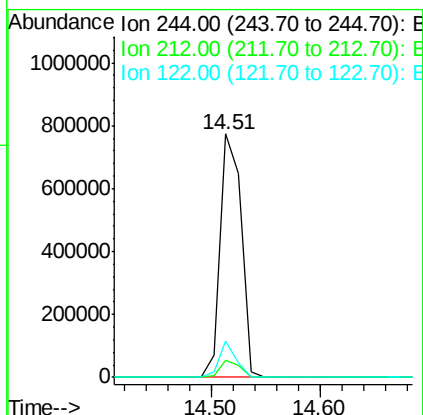
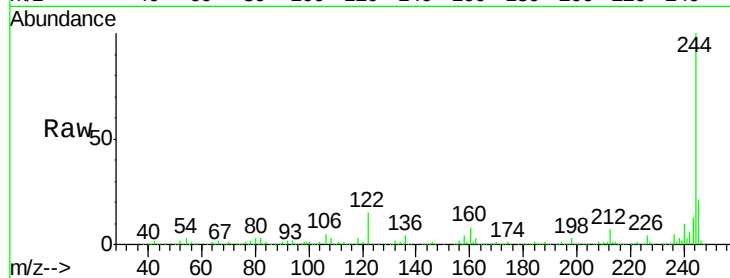




#78
 Terphenyl-d14
 Concen: 105.72 ng
 RT: 14.51 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF079575.D
 Acq: 29 May 2015 22:30

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1038411
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.2 7.8
 122 14.8 8.0 12.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1433
 Delta R.T. -0.24 min
 Lab File: BF079575.D
 Acq: 29 May 2015 22:30

Tgt Ion:264 Resp: 200293
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.8
 265 20.8 17.8 26.6

