

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082375.D
 Acq On : 20 Oct 2015 1:42
 Operator : UM/IZ
 Sample : G4084-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-7.5-8.0-092915

Quant Time: Oct 20 03:16:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 03:15:01 2015
 Response via : Initial Calibration

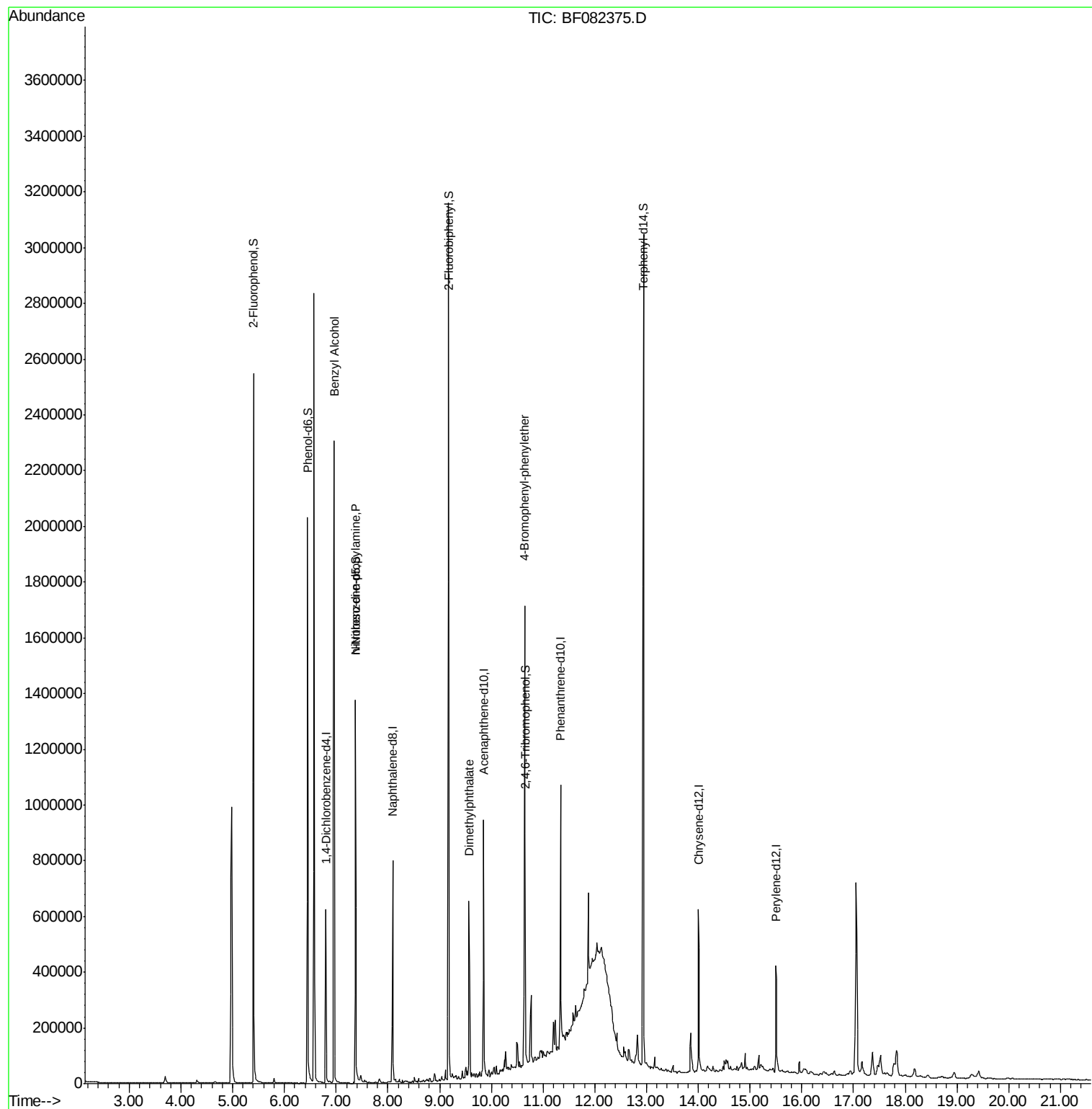
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98283	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	389907	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	197052	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	361712	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	293323	20.00	ng	-0.02
86) Perylene-d12	15.50	264	225980	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	775411	159.23	ng	0.01
7) Phenol-d6	6.45	99	955885	150.84	ng	-0.01
23) Nitrobenzene-d5	7.37	82	599607	103.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	235481	127.43	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1280494	107.77	ng	0.00
78) Terphenyl-d14	12.94	244	1146666	103.59	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.96	79	10883	2.49	ng	# 48
19) n-Nitroso-di-n-propylamine	7.37	70	78573	17.66	ng	# 79
49) Dimethylphthalate	9.57	163	339781	24.49	ng	99
55) 4-Nitrophenol	9.95	139	293	Below Cal	#	1
66) 4-Bromophenyl-phenylether	10.64	248	16834	4.65	ng	# 1

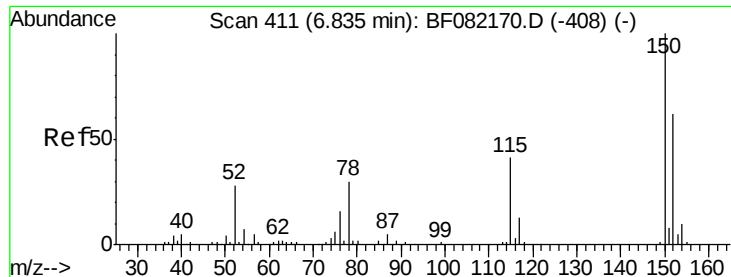
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 20 03:15:01 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF082375.D

Acq: 20 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SB-07-7.5-8.0-092915

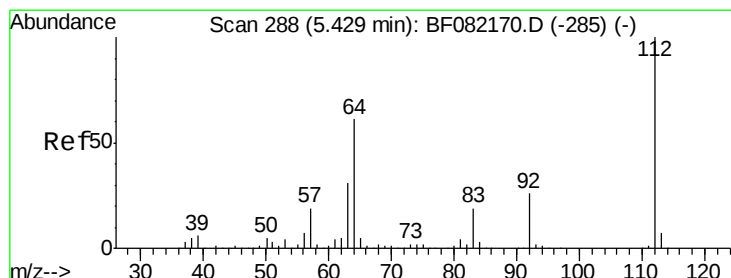
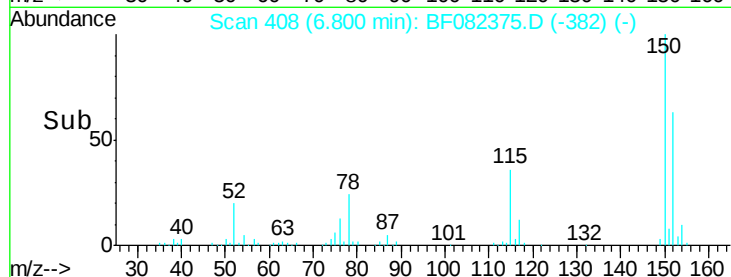
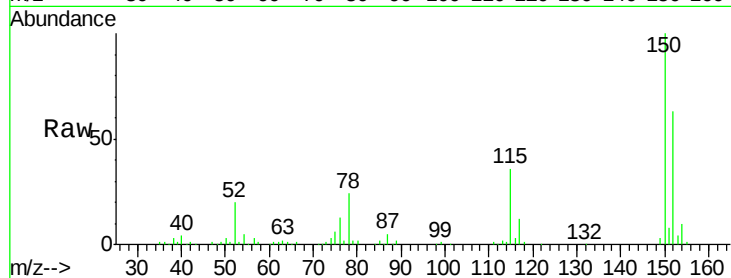
Tot Ion:152 Resp: 98283

Ion Ratio Lower Upper

152 100

150 157.6 129.0 193.4

115 56.9 52.1 78.1



#5

2-Fluorophenol

Concen: 159.23 ng

RT: 5.41 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF082375.D

Acq: 20 Oct 2015 1:42

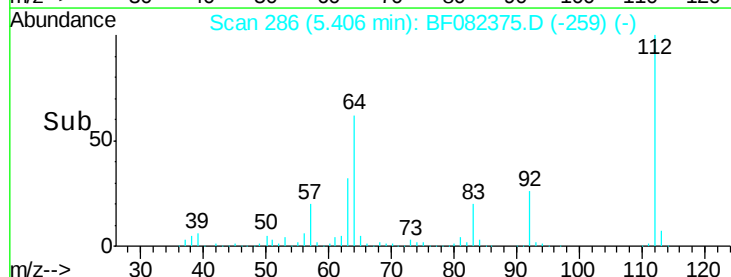
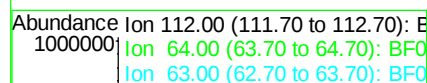
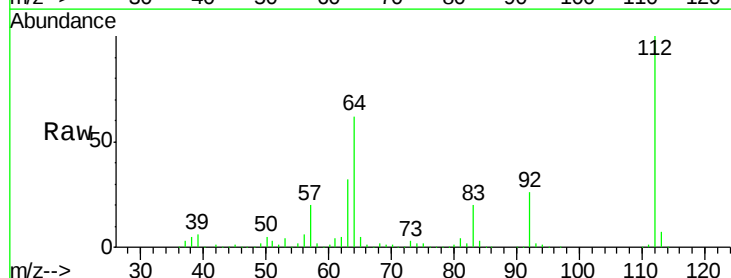
Tgt Ion:112 Resp: 775411

Ion Ratio Lower Upper

112 100

64 61.7 48.6 73.0

63 32.5 25.1 37.7





#7

Phenol-d6

Concen: 150.84 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF082375.D

Acq: 20 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SB-07-7.5-8.0-092915

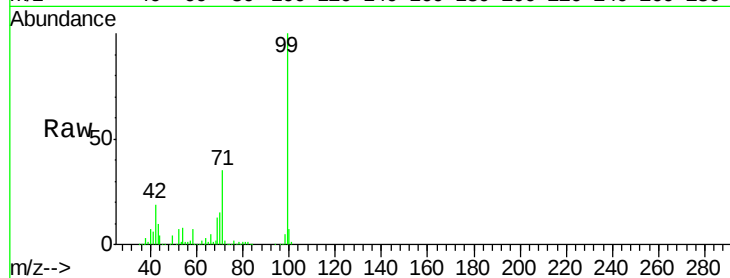
Tot Ion: 99 Resp: 955885

Ion Ratio Lower Upper

99 100

42 18.5 13.2 19.8

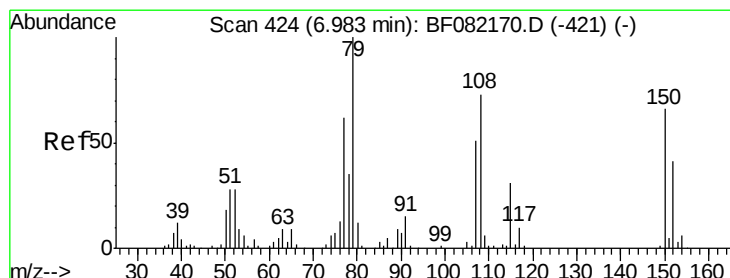
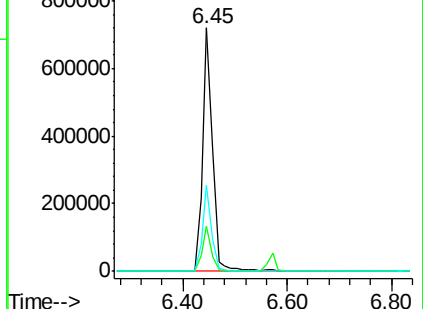
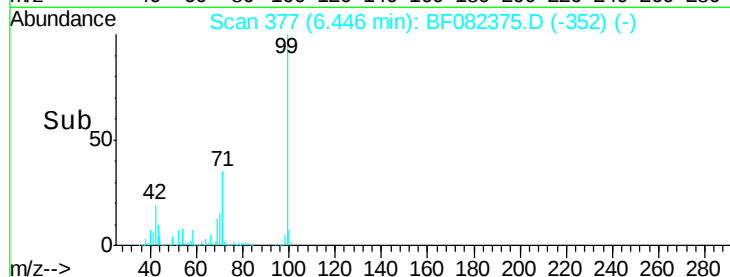
71 35.4 25.6 38.4



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: 2.49 ng

RT: 6.96 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF082375.D

Acq: 20 Oct 2015 1:42

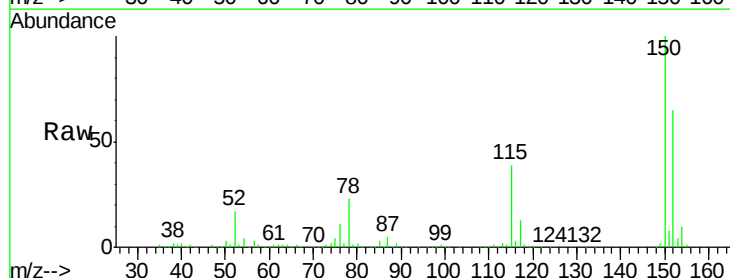
Tgt Ion: 79 Resp: 10883

Ion Ratio Lower Upper

79 100

108 28.7 58.4 87.6#

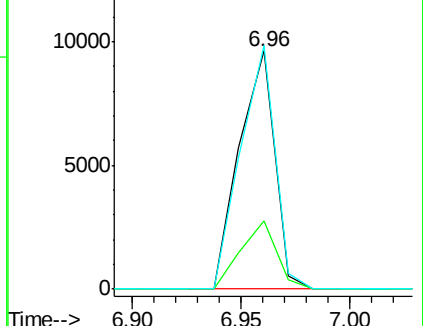
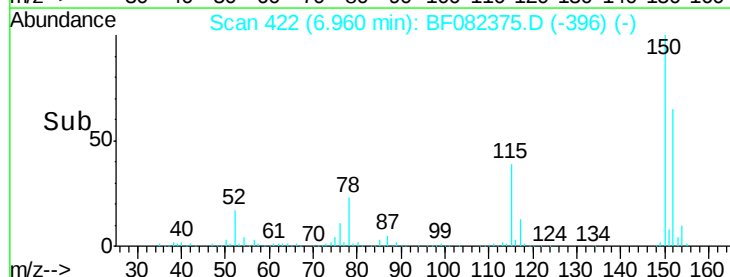
77 102.1 49.8 74.6#

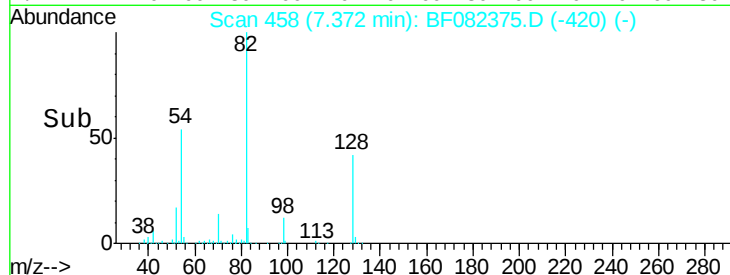
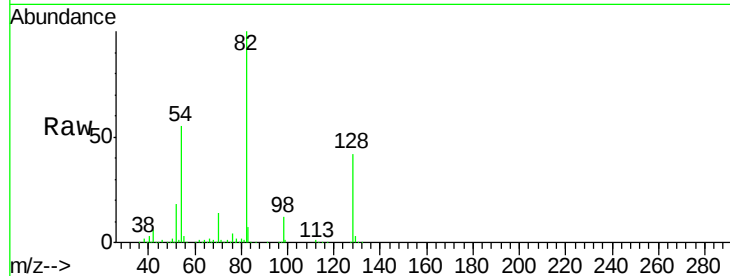
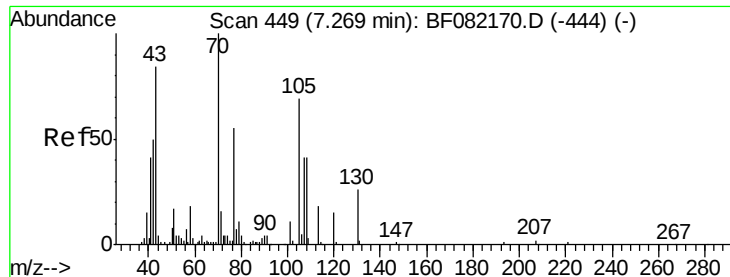


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.66 ng

RT: 7.37 min Scan# 458

Delta R.T. 0.14 min

Lab File: BF082375.D

Acq: 20 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SB-07-7.5-8.0-092915

Tot Ion: 70 Resp: 78573

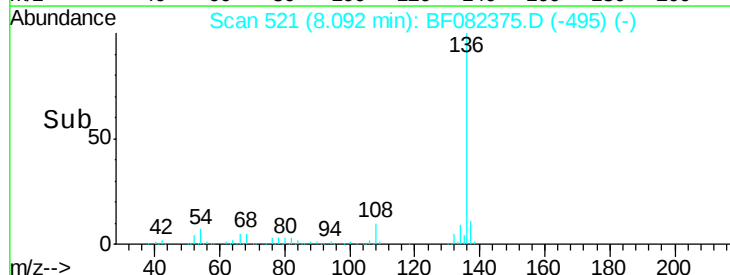
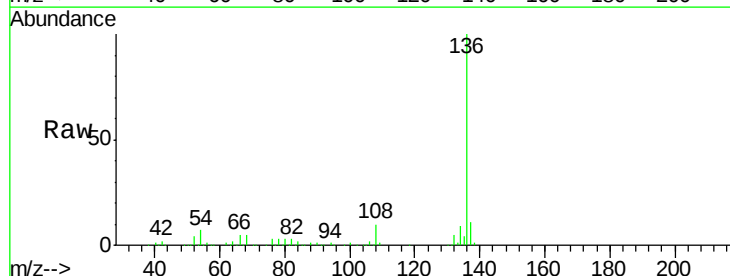
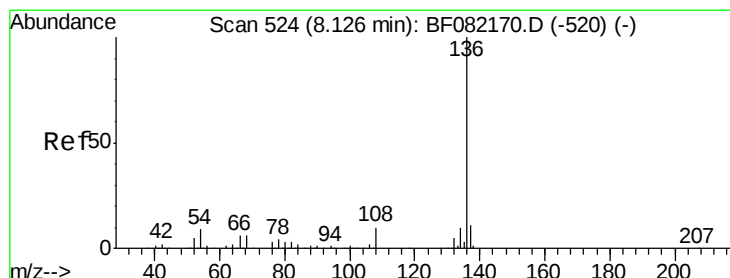
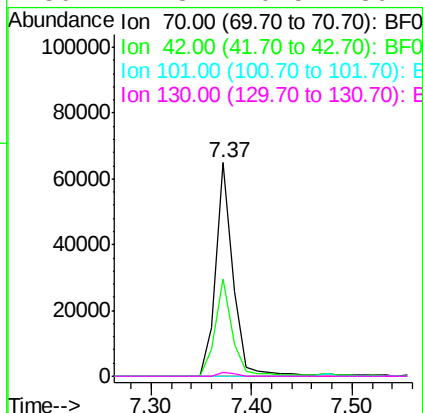
Ion Ratio Lower Upper

70 100

42 45.5 39.8 59.8

101 0.0 8.6 13.0#

130 1.8 20.5 30.7#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF082375.D

Acq: 20 Oct 2015 1:42

Tgt Ion: 136 Resp: 389907

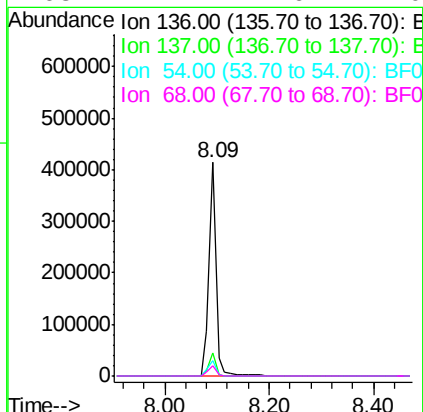
Ion Ratio Lower Upper

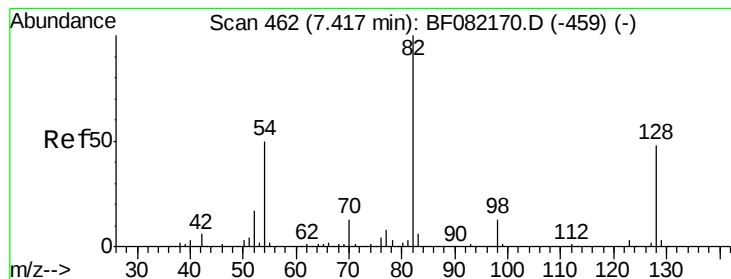
136 100

137 10.9 9.0 13.6

54 7.2 7.5 11.3#

68 4.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 103.27 ng

RT: 7.37 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF082375.D

Acq: 20 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SB-07-7.5-8.0-092915

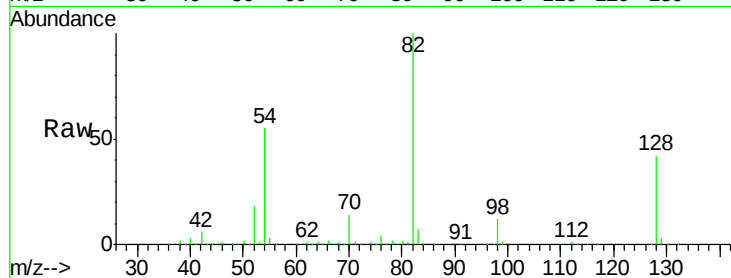
Tot Ion: 82 Resp: 599607

Ion Ratio Lower Upper

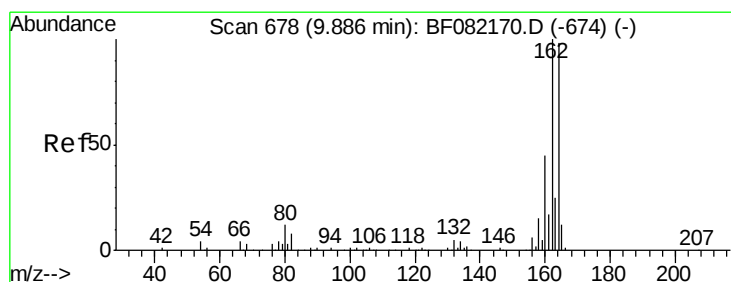
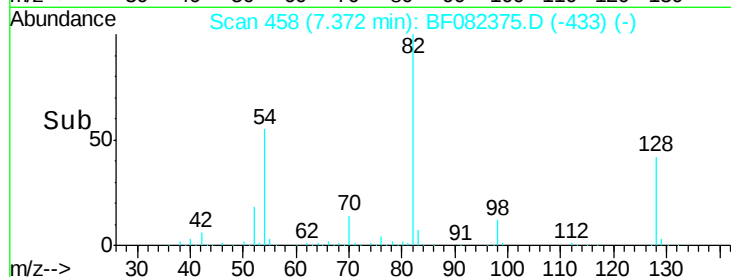
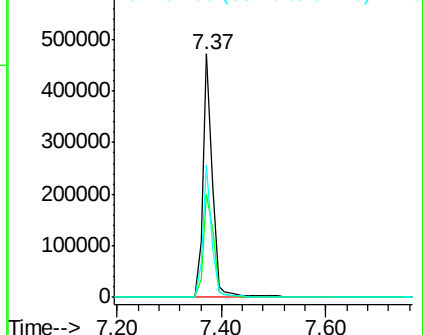
82 100

128 42.4 38.7 58.1

54 54.5 40.1 60.1



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: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082375.D

Acq: 20 Oct 2015 1:42

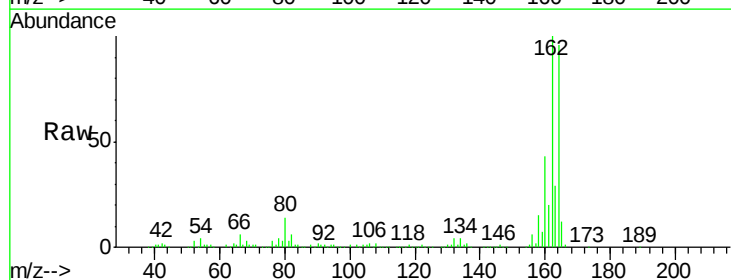
Tgt Ion:164 Resp: 197052

Ion Ratio Lower Upper

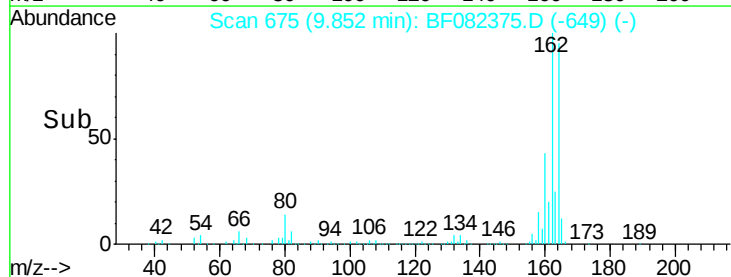
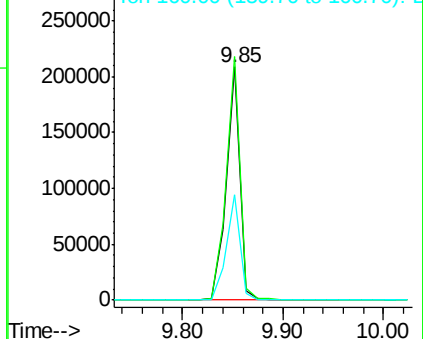
164 100

162 104.4 81.6 122.4

160 45.2 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

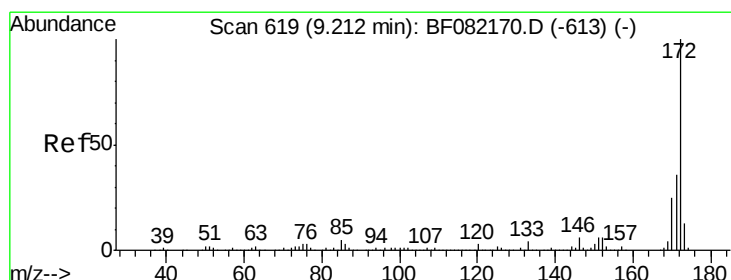
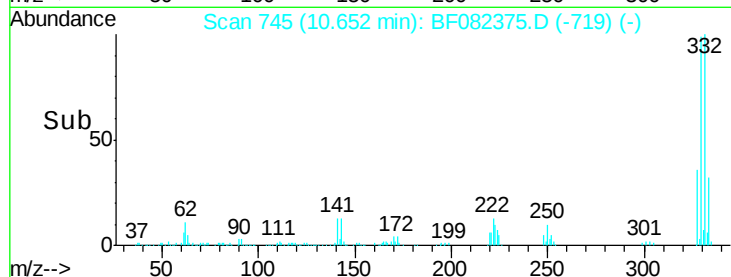
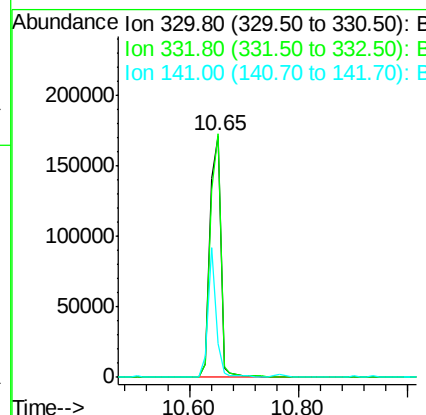
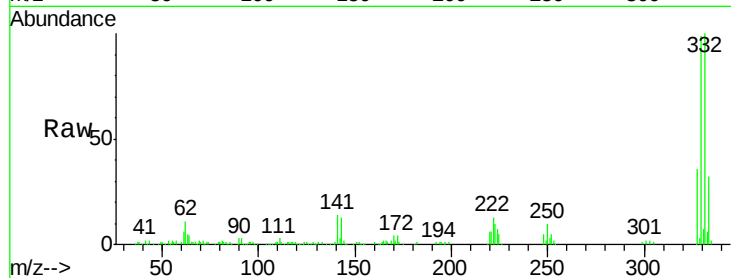




#41
 2,4,6-Tribromophenol
 Concen: 127.43 ng
 RT: 10.65 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF082375.D
 Acq: 20 Oct 2015 1:42

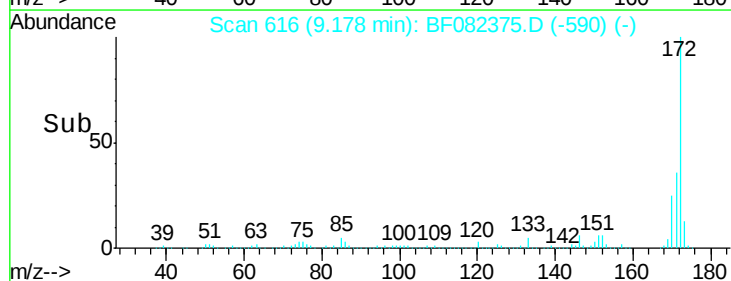
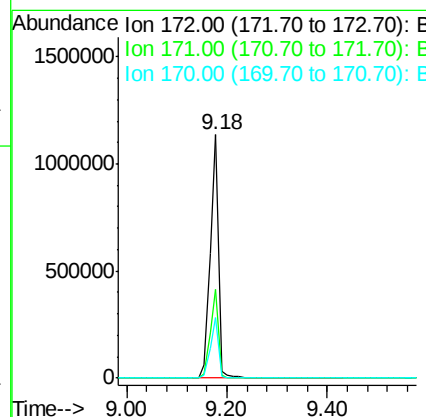
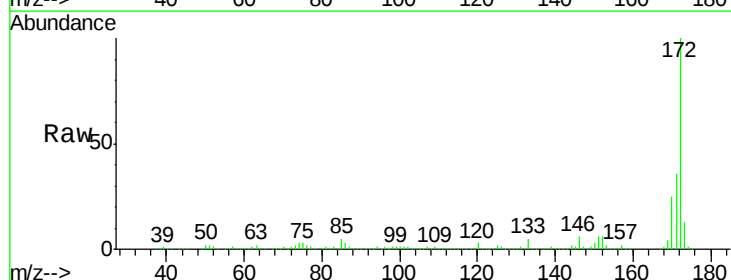
Instrument :
 BNA_F
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 SB-07-7.5-8.0-092915

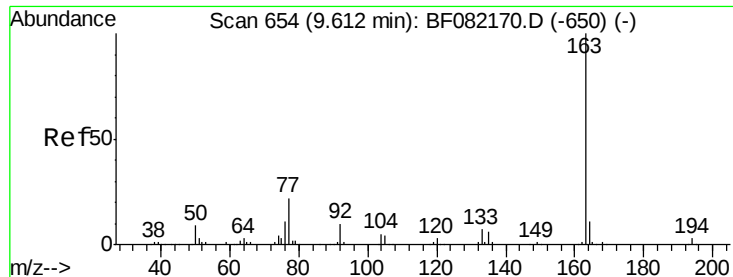
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	39.3	29.8	44.8



#44
 2-Fluorobiphenyl
 Concen: 107.77 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082375.D
 Acq: 20 Oct 2015 1:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.9	19.7	29.5

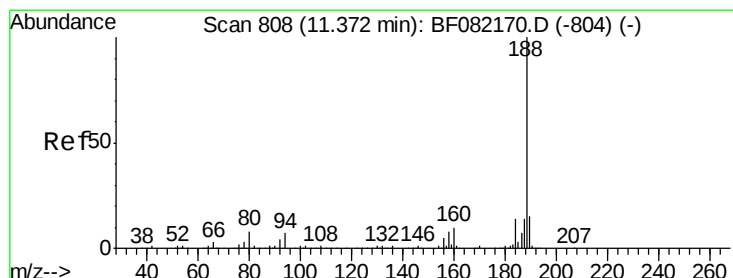
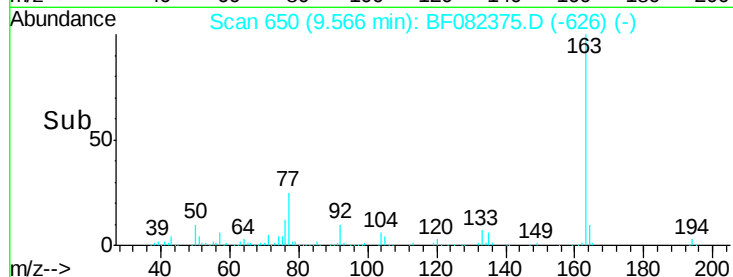
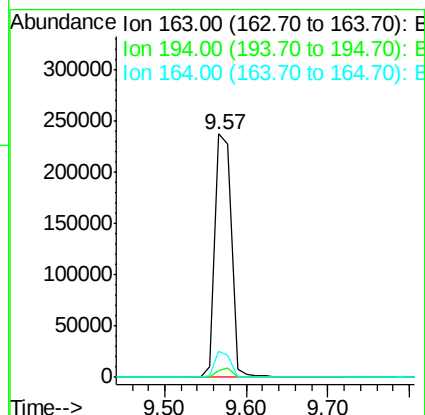
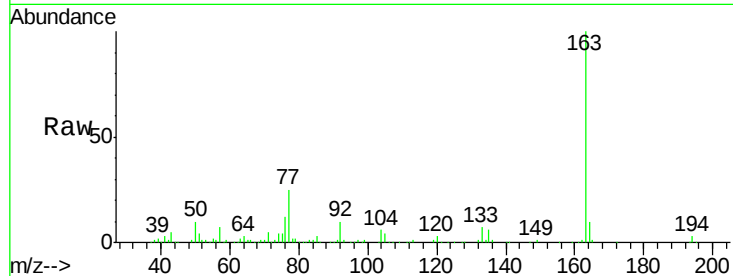




#49
Dimethylphthalate
Concen: 24.49 ng
RT: 9.57 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF082375.D
Acq: 20 Oct 2015 1:42

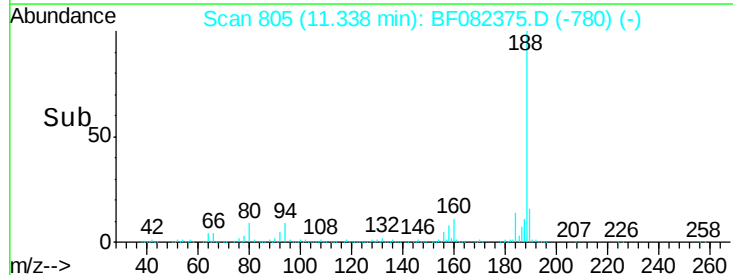
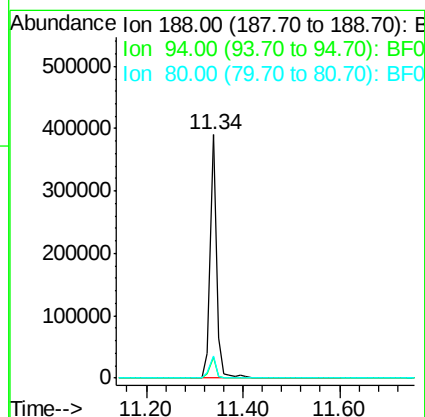
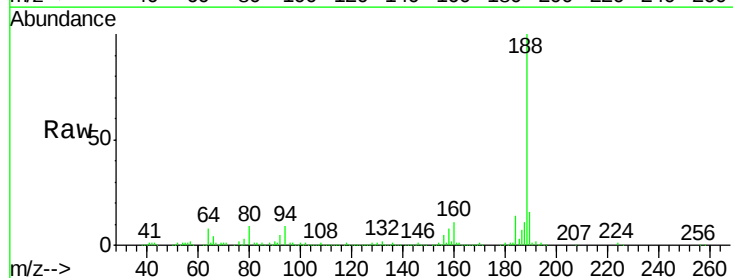
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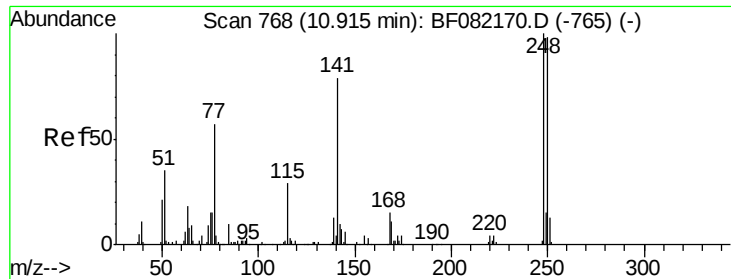
Tot Ion:163 Resp: 339781
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.5 8.5 12.7



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF082375.D
Acq: 20 Oct 2015 1:42

Tgt Ion:188 Resp: 361712
Ion Ratio Lower Upper
188 100
94 8.6 5.8 8.6
80 9.2 6.4 9.6

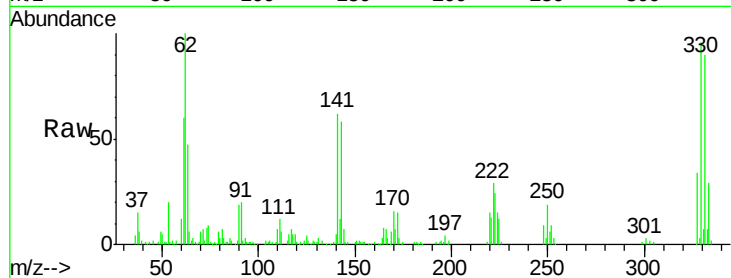




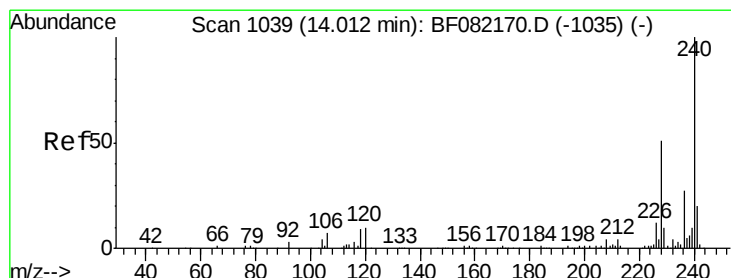
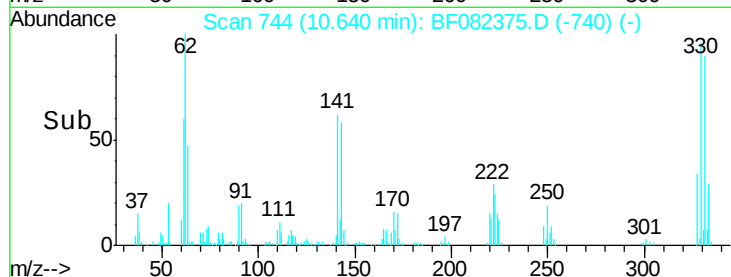
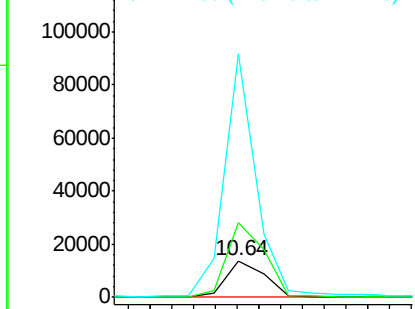
#66
4-Bromophenyl-phenylether
Concen: 4.65 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF082375.D
Acq: 20 Oct 2015 1:42

Instrument :
BNA_F
ClientSampleId :
SB-07-7.5-8.0-092915

Tot Ion:248 Resp: 16834
Ion Ratio Lower Upper
248 100
250 203.0 78.6 117.8#
141 666.8 63.3 94.9#

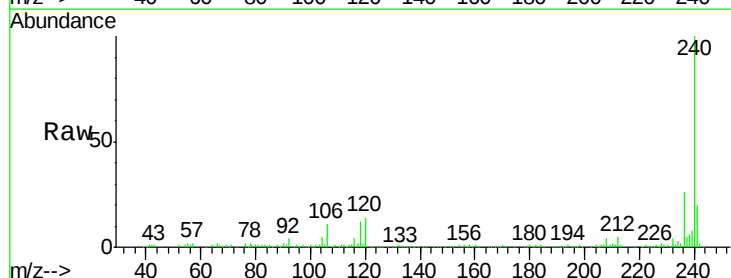


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

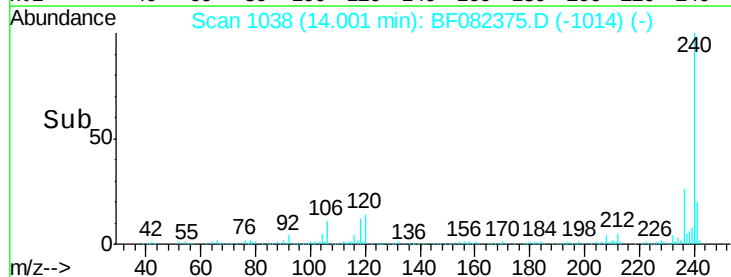
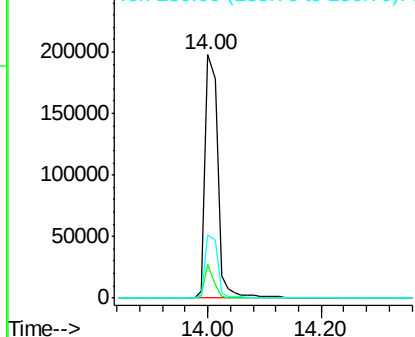


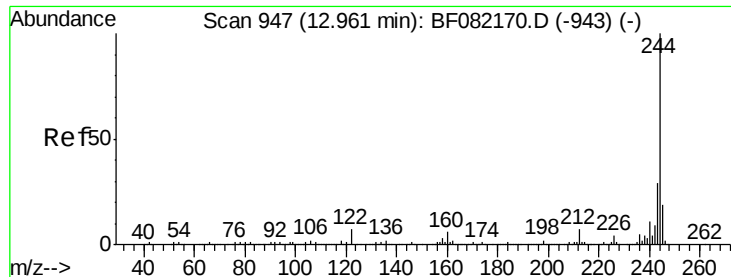
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF082375.D
Acq: 20 Oct 2015 1:42

Tgt Ion:240 Resp: 293323
Ion Ratio Lower Upper
240 100
120 14.0 8.1 12.1#
236 25.8 21.3 31.9



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: 103.59 ng

RT: 12.94 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF082375.D

Acq: 20 Oct 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SB-07-7.5-8.0-092915

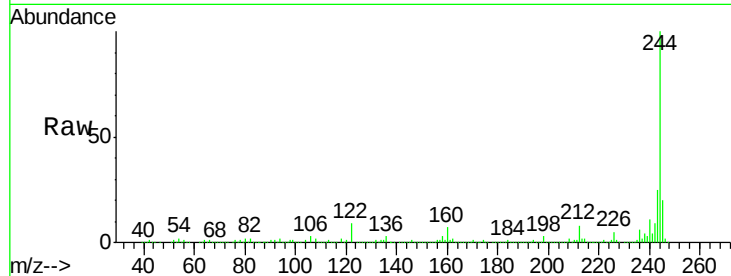
Tot Ion:244 Resp: 1146666

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

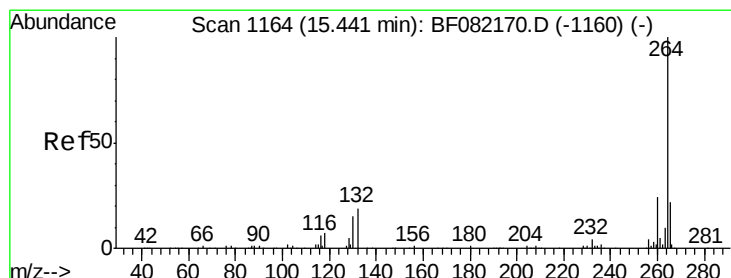
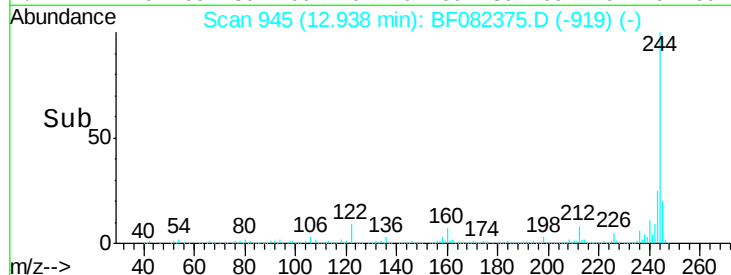
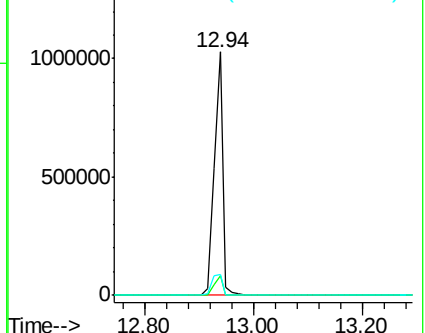
122 8.8 5.9 8.9



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: 15.50 min Scan# 1169

Delta R.T. -0.05 min

Lab File: BF082375.D

Acq: 20 Oct 2015 1:42

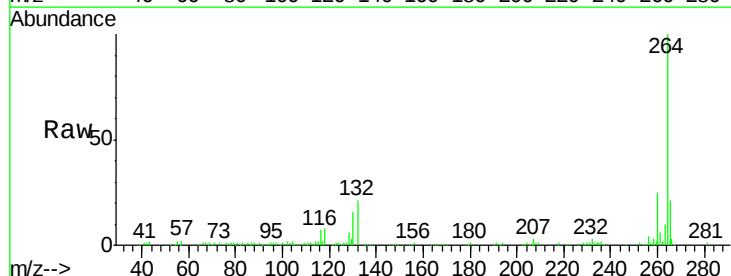
Tgt Ion:264 Resp: 225980

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.6

265 21.3 17.3 25.9



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

