

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
 Data File : BF082153.D
 Acq On : 9 Oct 2015 19:11
 Operator : UM/IZ
 Sample : G3970-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-STONE

Quant Time: Oct 10 03:29:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 22:47:26 2015
 Response via : Initial Calibration

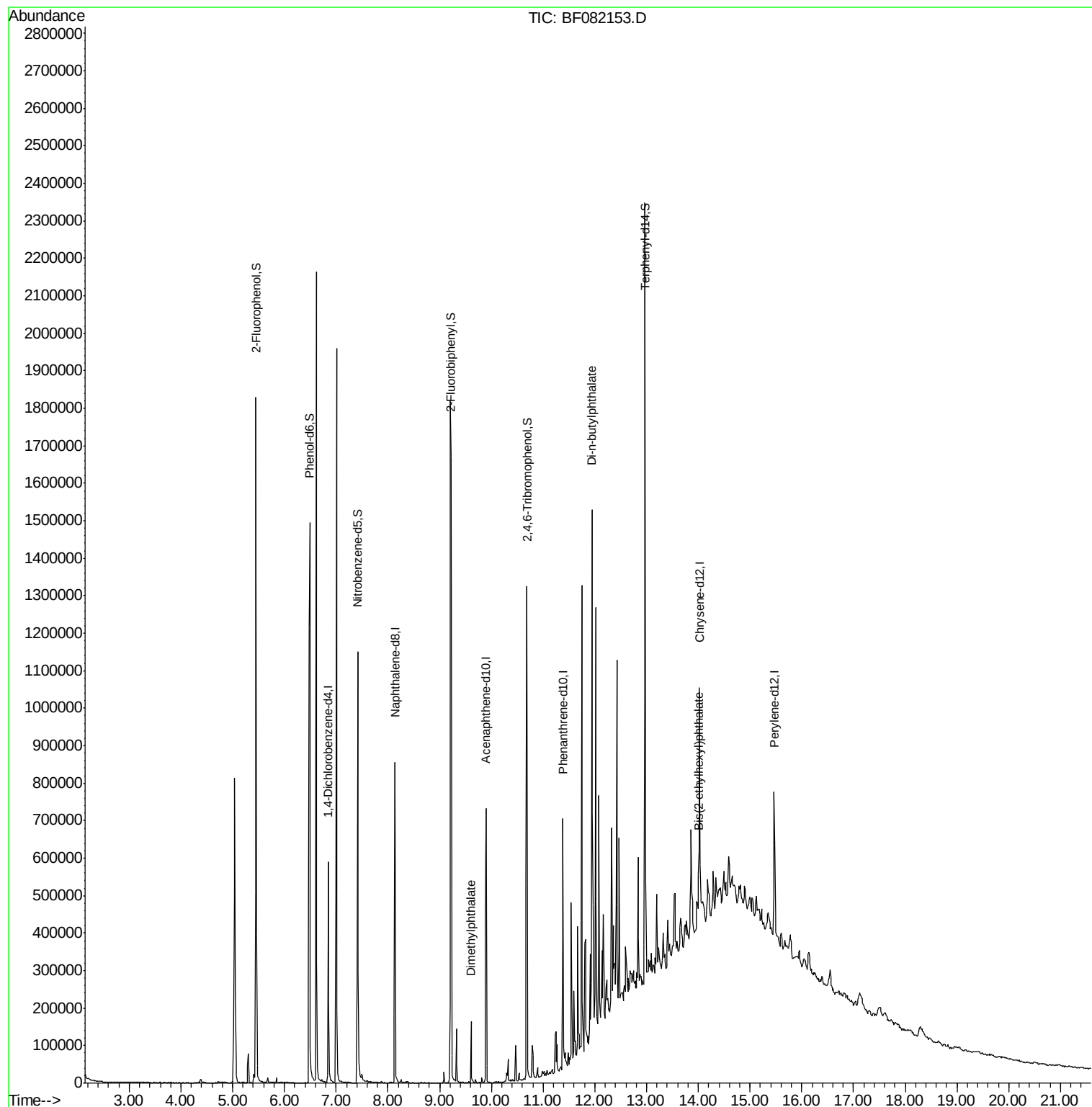
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105273	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	418701	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	189698	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	330200	20.00	ng	0.00
75) Chrysene-d12	14.02	240	251572	20.00	ng	-0.01
86) Perylene-d12	15.46	264	214654	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	562820	97.05	ng	0.01
7) Phenol-d6	6.49	99	794678	108.90	ng	0.00
23) Nitrobenzene-d5	7.42	82	461770	73.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	181151	94.29	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	944630	82.93	ng	0.00
78) Terphenyl-d14	12.97	244	742225	100.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	69397	5.30	ng	# 97
73) Di-n-butylphthalate	11.94	149	965626	62.95	ng	# 97
83) Bis(2-ethylhexyl)phthalate	14.00	149	34485	4.86	ng	# 92

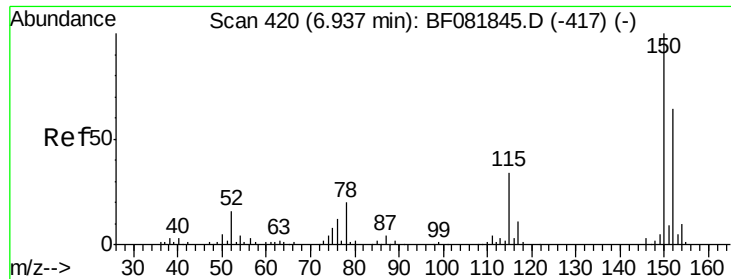
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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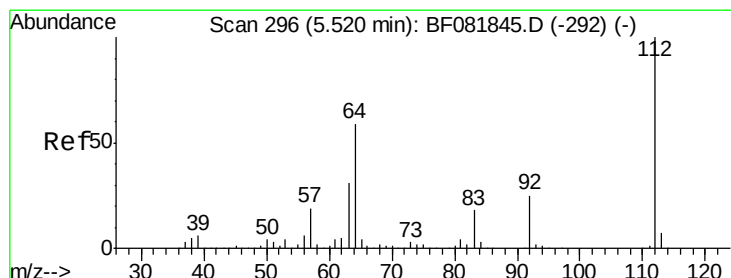
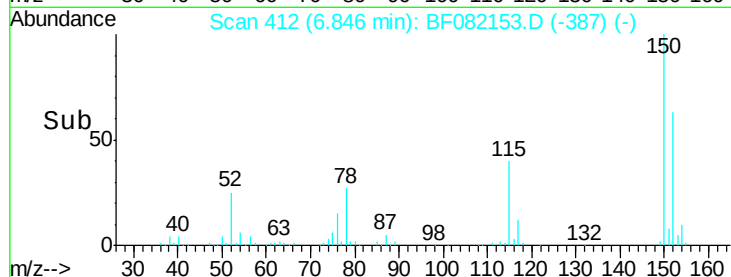
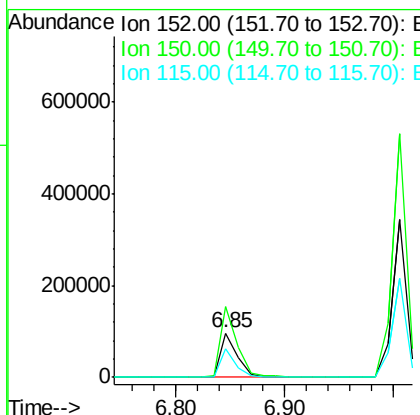
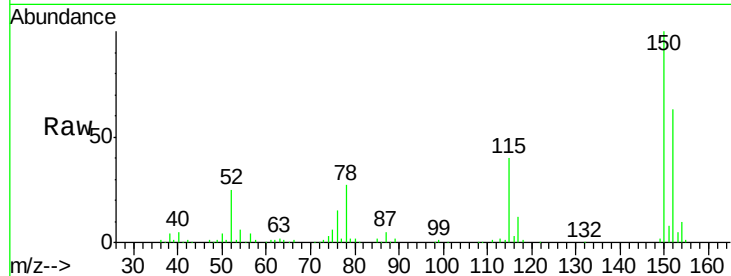




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: BF082153.D
 Acq: 9 Oct 2015 19:11

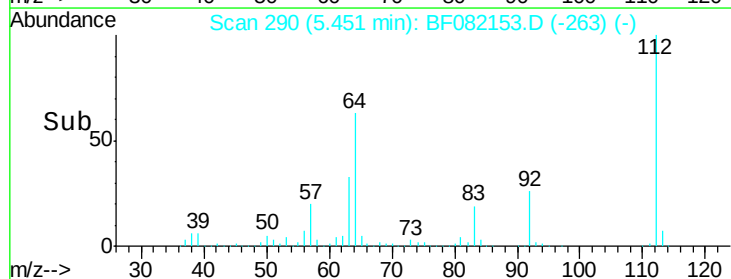
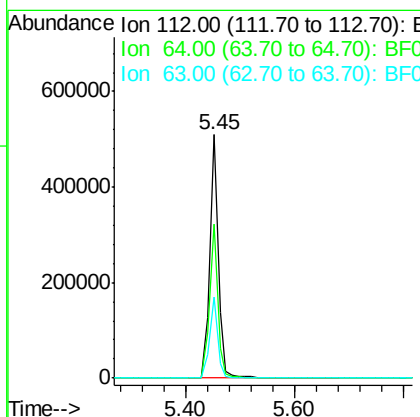
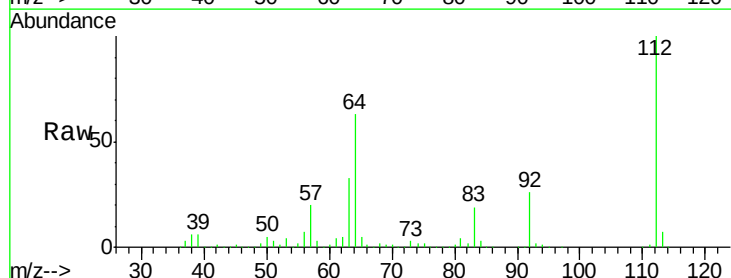
Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-STONE

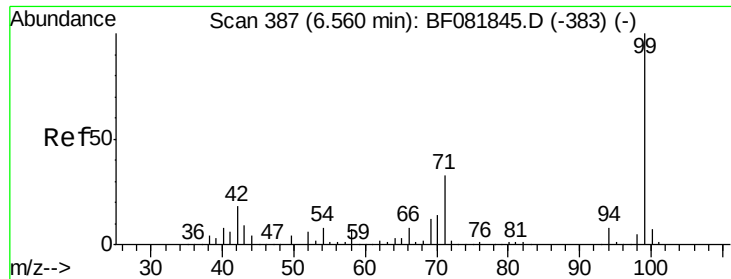
Tgt Ion:152 Resp: 105273
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.7 187.1
 115 63.4 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 97.05 ng
 RT: 5.45 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF082153.D
 Acq: 9 Oct 2015 19:11

Tgt Ion:112 Resp: 562820
 Ion Ratio Lower Upper
 112 100
 64 63.1 39.7 59.5#
 63 33.2 17.4 26.0#





#7

Phenol-d6

Concen: 108.90 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

Instrument :

BNA_F

ClientSampleId :

CRUSHED-STONE

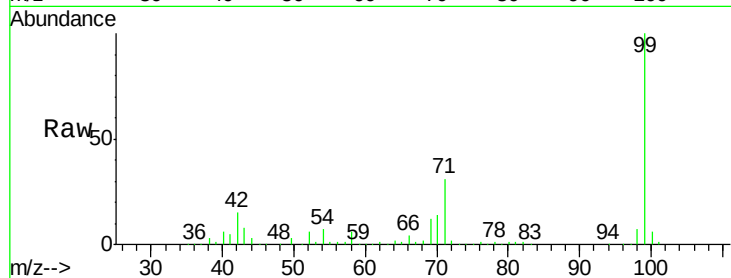
Tgt Ion: 99 Resp: 794678

Ion Ratio Lower Upper

99 100

42 14.9 13.7 20.5

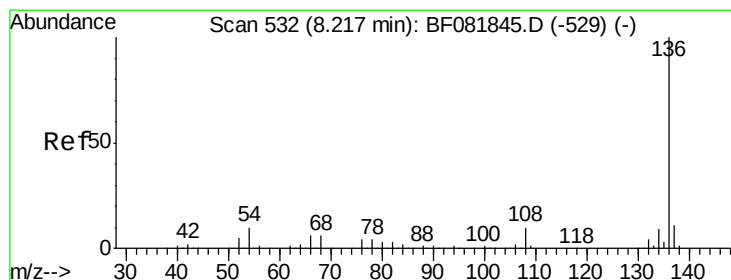
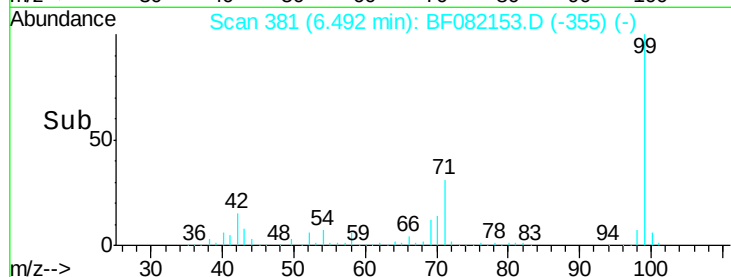
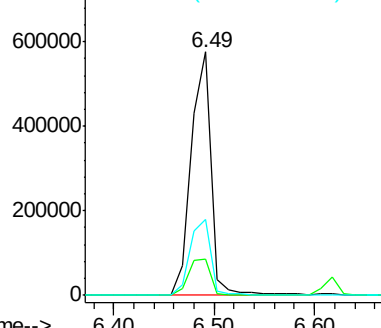
71 31.4 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

Tgt Ion: 136 Resp: 418701

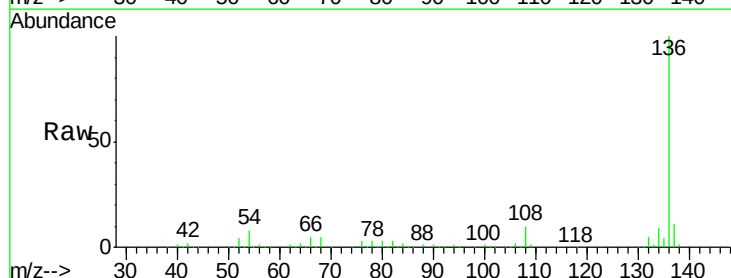
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.6 8.2 12.2#

68 4.8 5.8 8.6#

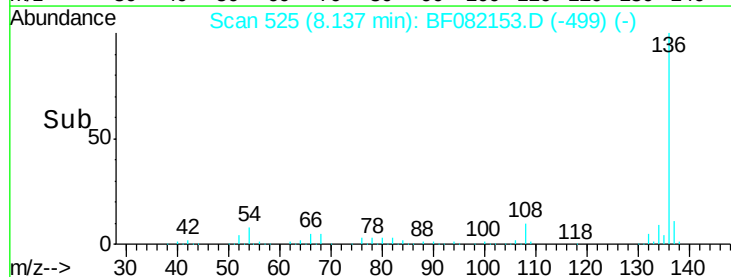
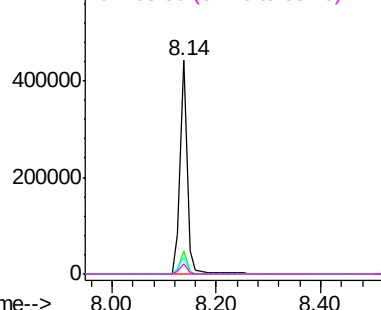


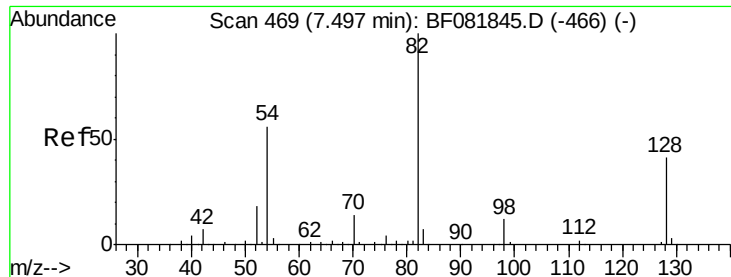
Abundance Ion 136.00 (135.70 to 136.70): E

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

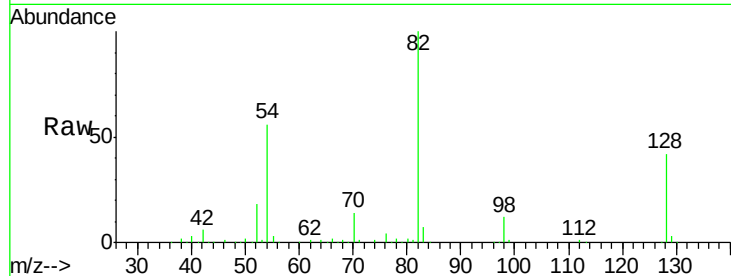




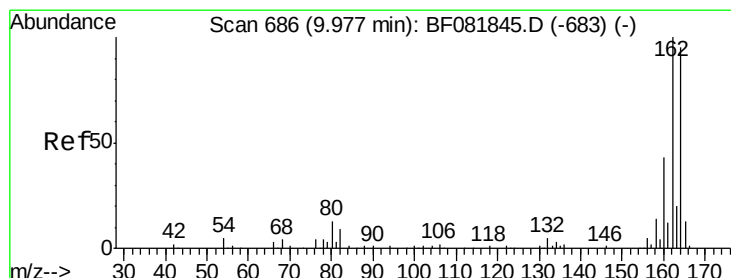
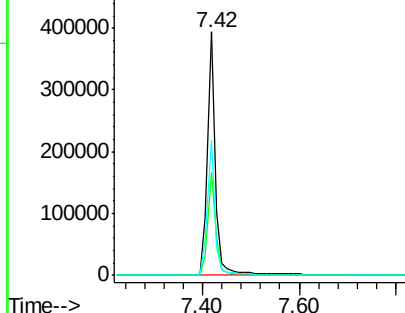
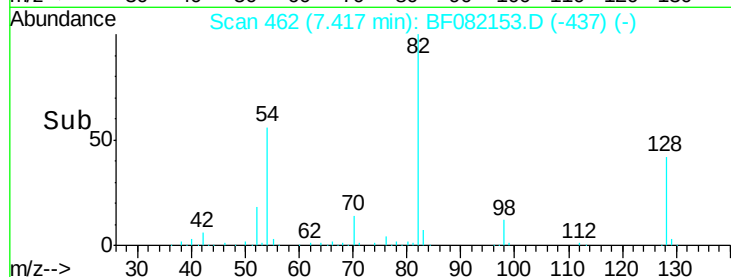
#23
 Nitrobenzene-d5
 Concen: 73.52 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF082153.D
 Acq: 9 Oct 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-STONE

Tgt Ion: 82 Resp: 461770
 Ion Ratio Lower Upper
 82 100
 128 42.3 51.0 76.6#
 54 55.5 47.5 71.3

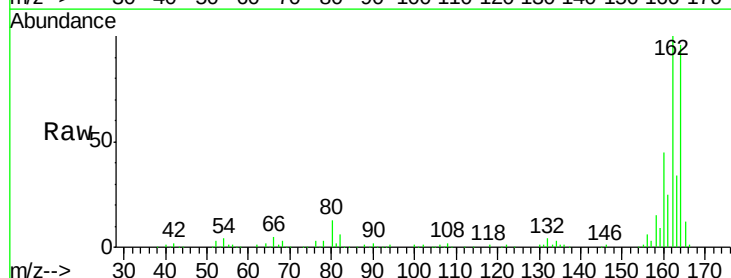


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

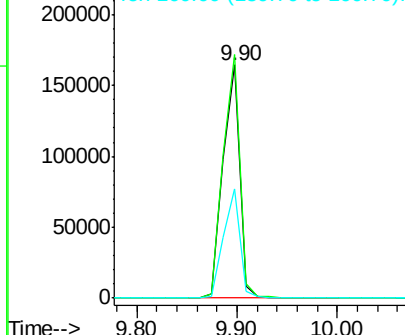
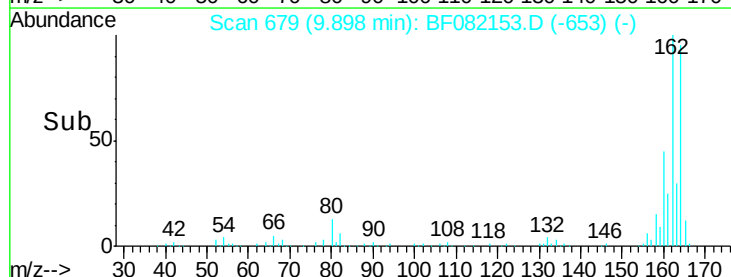


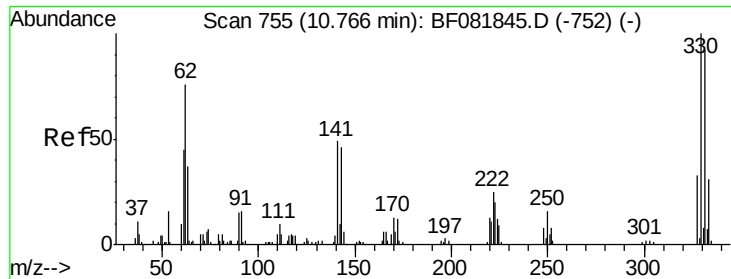
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF082153.D
 Acq: 9 Oct 2015 19:11

Tgt Ion: 164 Resp: 189698
 Ion Ratio Lower Upper
 164 100
 162 104.4 75.2 112.8
 160 47.0 31.5 47.3



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

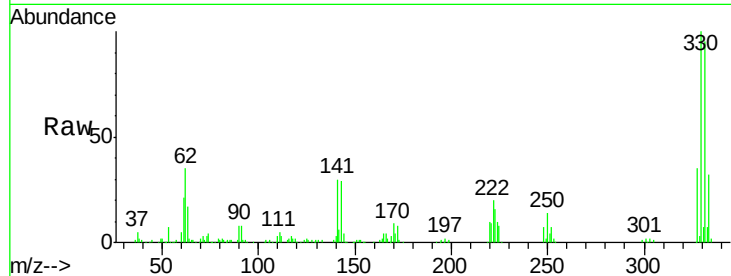




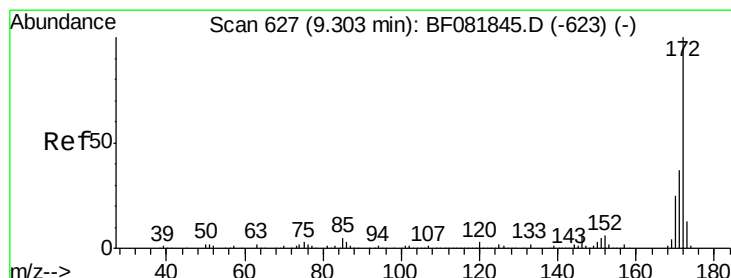
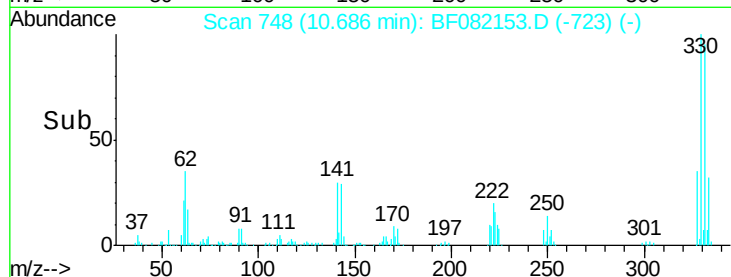
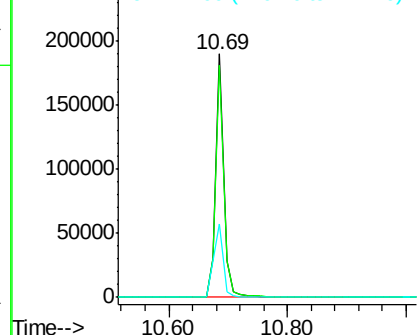
#41
 2,4,6-Tribromophenol
 Concen: 94.29 ng
 RT: 10.69 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF082153.D
 Acq: 9 Oct 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-STONE

Tgt Ion:330 Resp: 181151
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 35.5 29.7 44.5

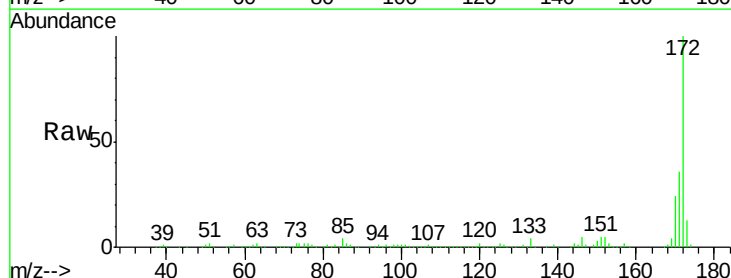


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

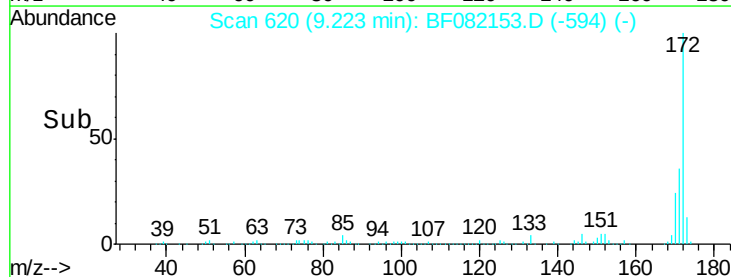
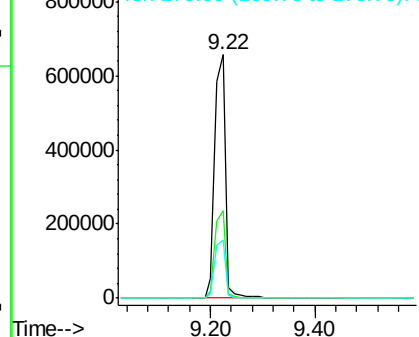


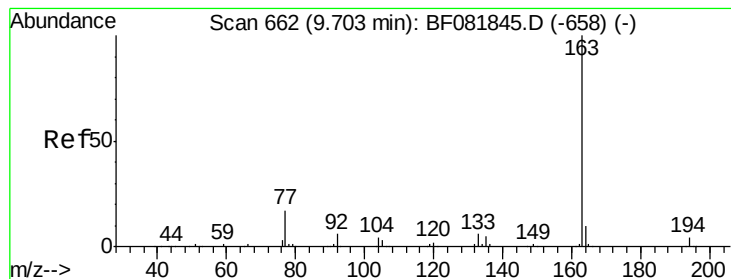
#44
 2-Fluorobiphenyl
 Concen: 82.93 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF082153.D
 Acq: 9 Oct 2015 19:11

Tgt Ion:172 Resp: 944630
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 23.8 17.4 26.2



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: 5.30 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

Instrument :

BNA_F

ClientSampleId :

CRUSHED-STONE

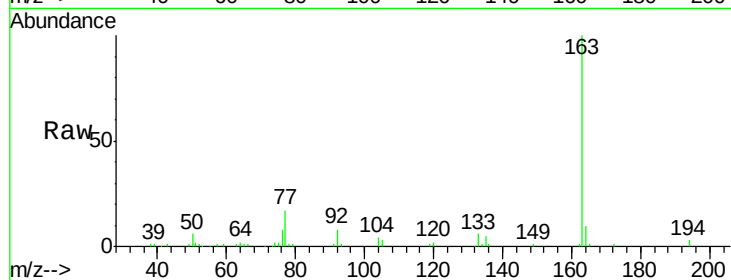
Tgt Ion:163 Resp: 69397

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

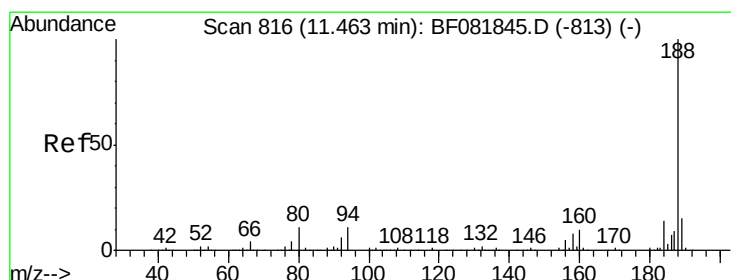
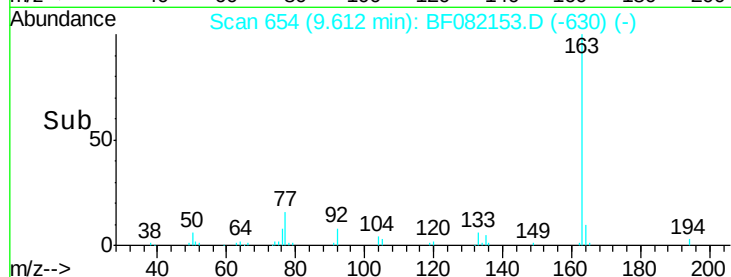
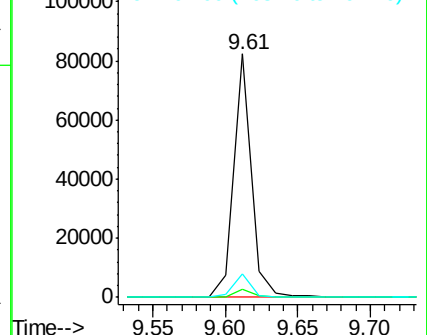
164 9.8 8.3 12.5



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: 11.38 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

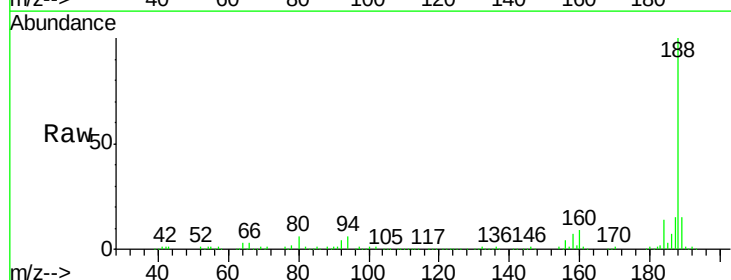
Tgt Ion:188 Resp: 330200

Ion Ratio Lower Upper

188 100

94 6.1 11.1 16.7#

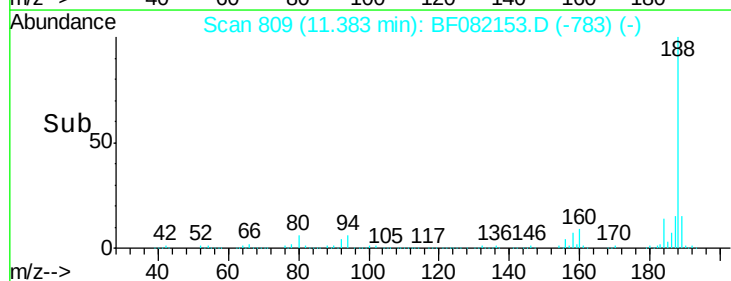
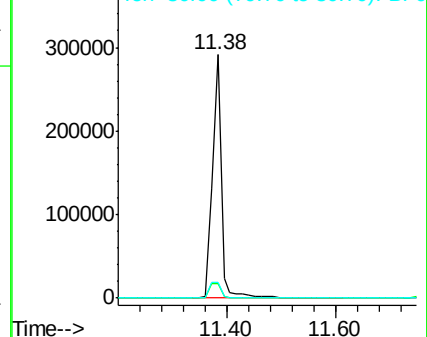
80 6.3 11.0 16.4#

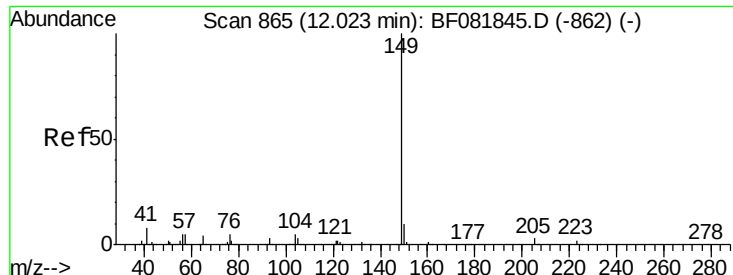


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 62.95 ng

RT: 11.94 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

Instrument :

BNA_F

ClientSampleId :

CRUSHED-STONE

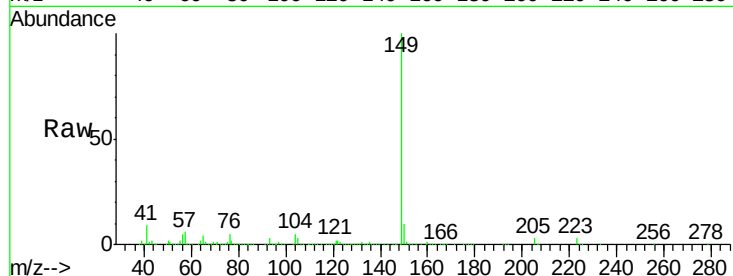
Tgt Ion:149 Resp: 965626

Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.2

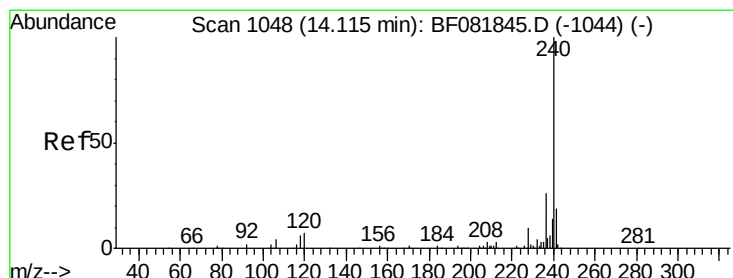
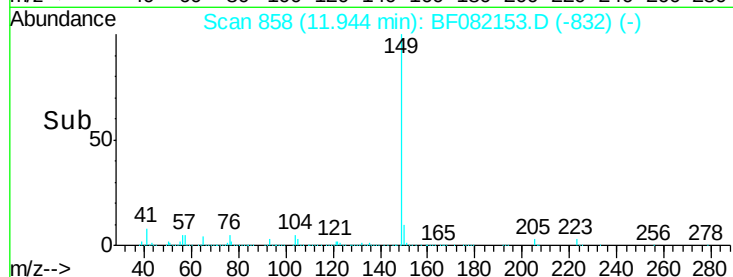
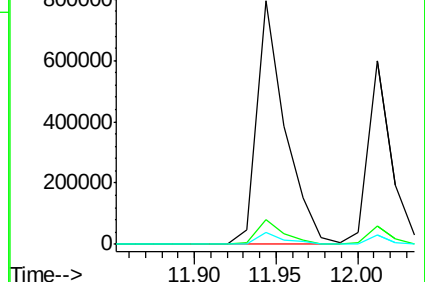
104 5.1 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

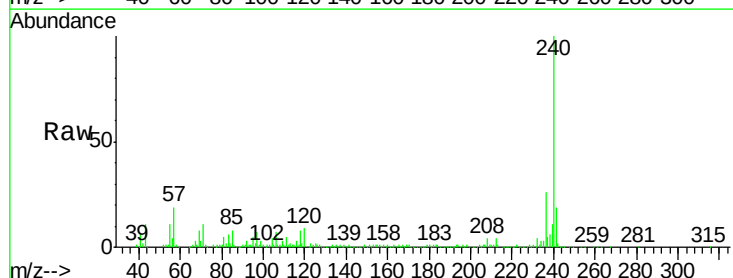
Tgt Ion:240 Resp: 251572

Ion Ratio Lower Upper

240 100

120 9.4 16.2 24.2#

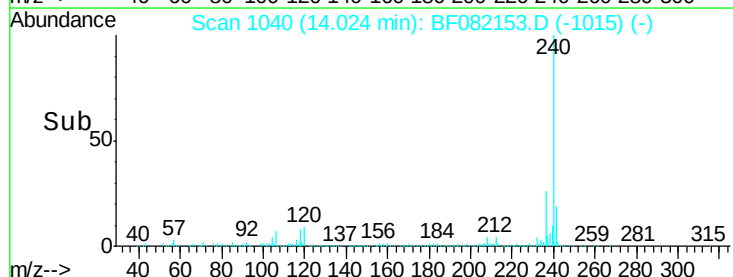
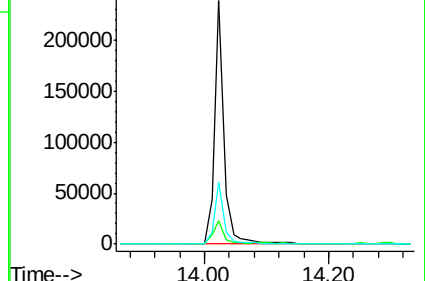
236 25.6 18.4 27.6

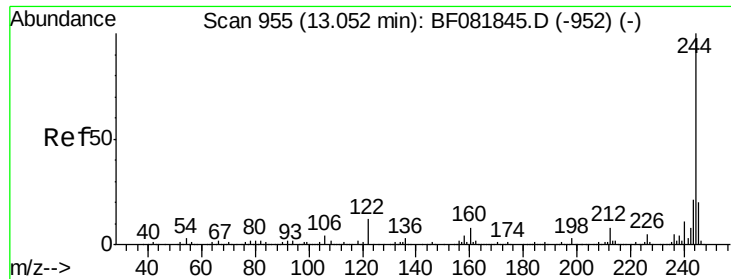


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.16 ng

RT: 12.97 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

Instrument :

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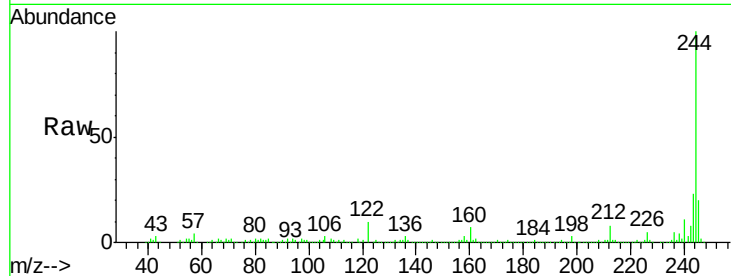
Tgt Ion:244 Resp: 742225

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

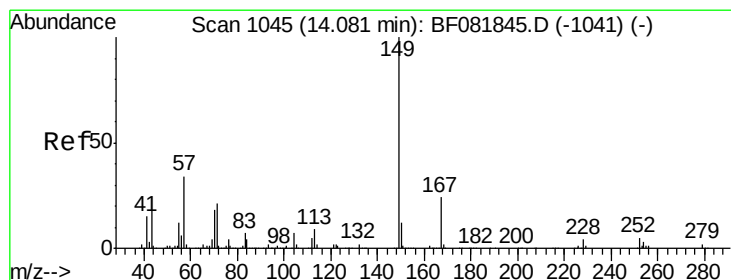
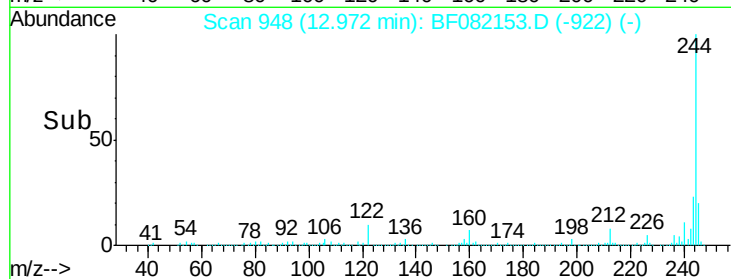
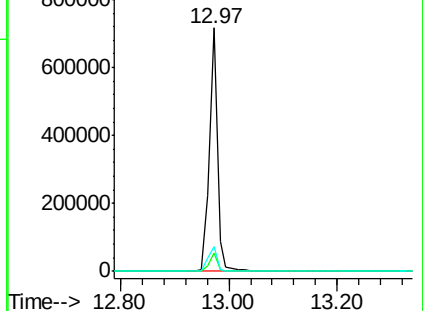
122 9.9 17.4 26.2#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.86 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

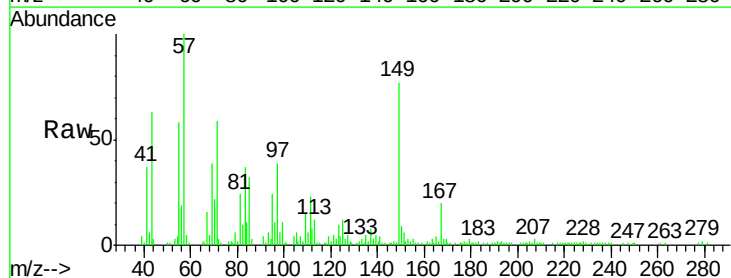
Tgt Ion:149 Resp: 34485

Ion Ratio Lower Upper

149 100

167 25.6 24.2 36.2

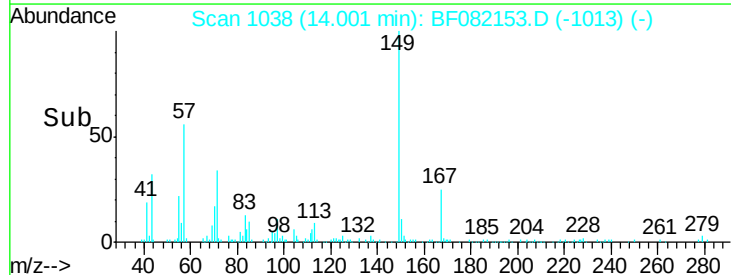
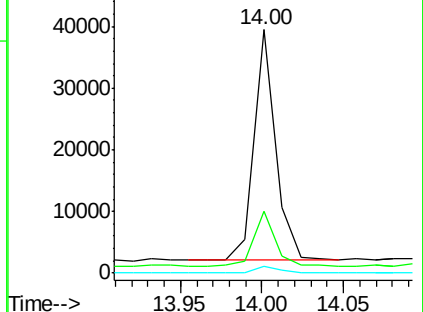
279 2.8 3.8 5.6#

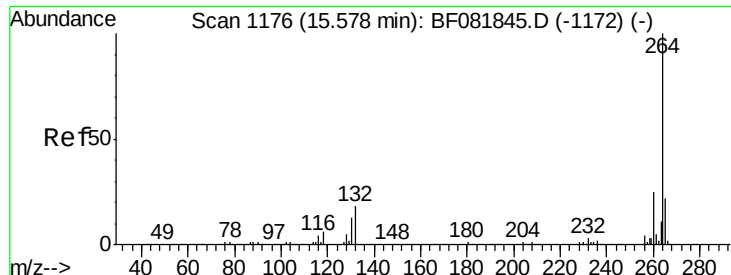


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

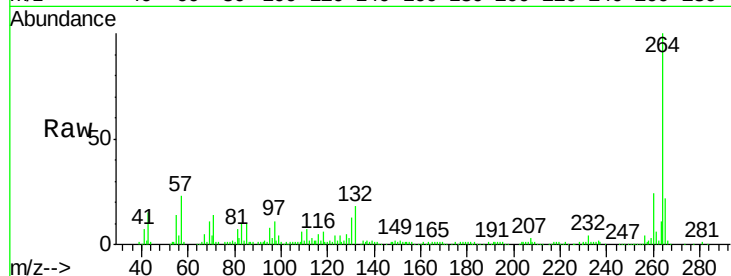




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF082153.D
Acq: 9 Oct 2015 19:11

Instrument :
BNA_F
ClientSampleId :
CRUSHED-STONE

Tgt Ion: 264 Resp: 214654
Ion Ratio Lower Upper
264 100
260 23.7 16.7 25.1
265 21.6 17.2 25.8



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

