

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081142.D
 Acq On : 21 Aug 2015 00:19
 Operator : UM/IZ
 Sample : G3254-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-9003

Quant Time: Aug 21 01:42:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

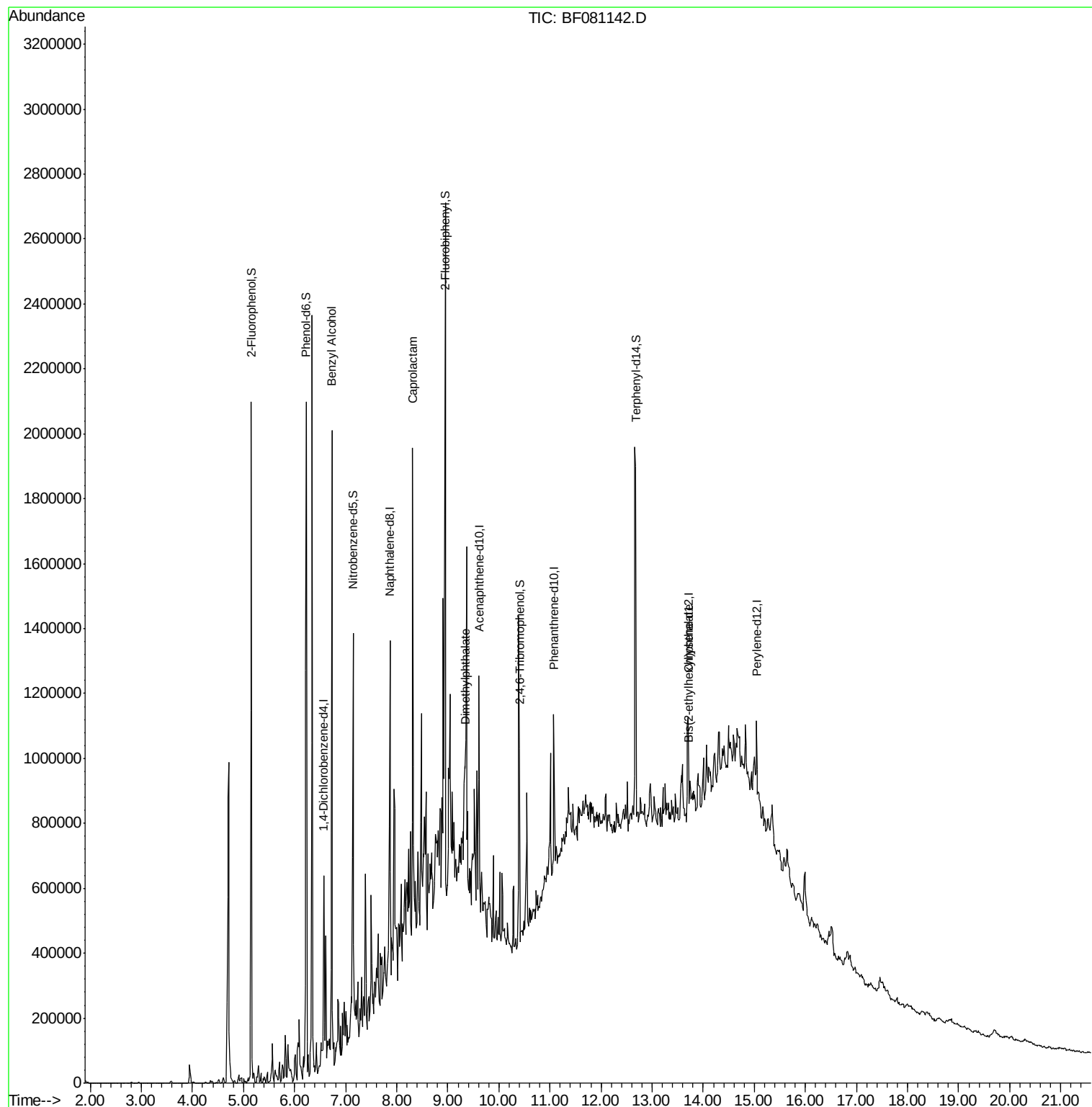
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	68599	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	280710	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	120569	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	207786	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	134734	20.00	ng	0.00
86) Perylene-d12	15.04	264	114533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	593049	130.03	ng	0.01
7) Phenol-d6	6.23	99	809542	136.04	ng	0.00
23) Nitrobenzene-d5	7.14	82	461951	75.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	136126	130.25	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	805675	87.56	ng	-0.01
78) Terphenyl-d14	12.68	244	547115	87.05	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.73	79	11393	2.37	ng	# 61
35) Caprolactam	8.31	113	26176	18.82	ng	# 10
49) Dimethylphthalate	9.34	163	140506	14.15	ng	98
83) Bis(2-ethylhexyl)phthalate	13.72	149	22294	3.70	ng	# 90

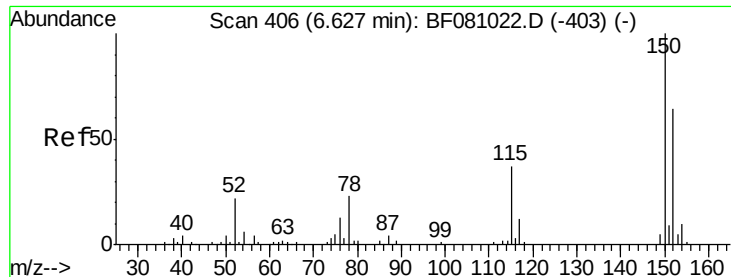
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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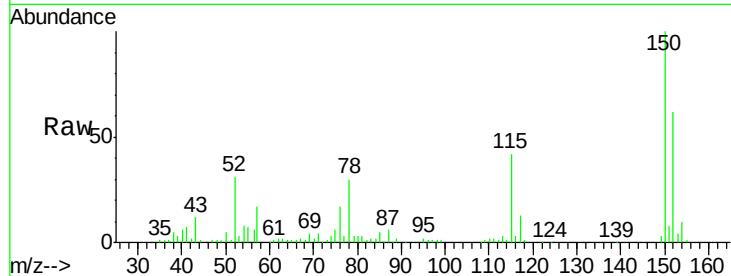


#1

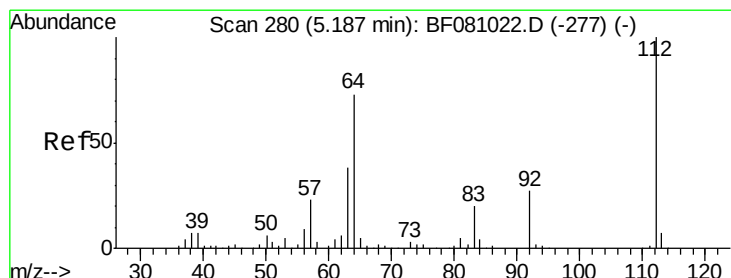
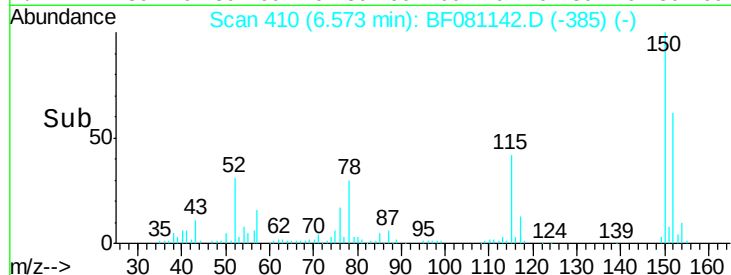
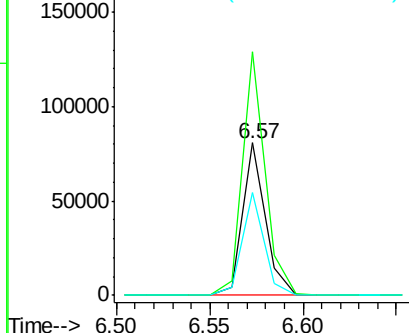
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF081142.D
Acq: 21 Aug 2015 00:19

Instrument :
BNA_F
ClientSampleId :
S8-9003

Tot Ion:152 Resp: 68599
Ion Ratio Lower Upper
152 100
150 160.0 123.8 185.6
115 67.3 52.1 78.1



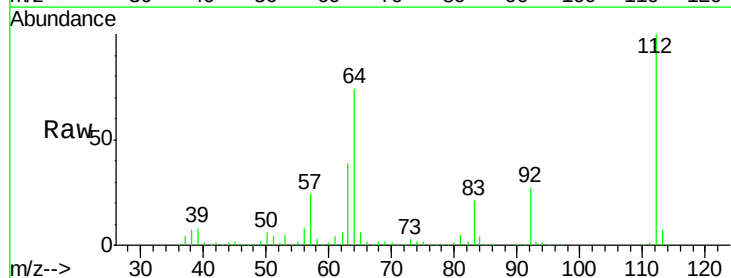
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



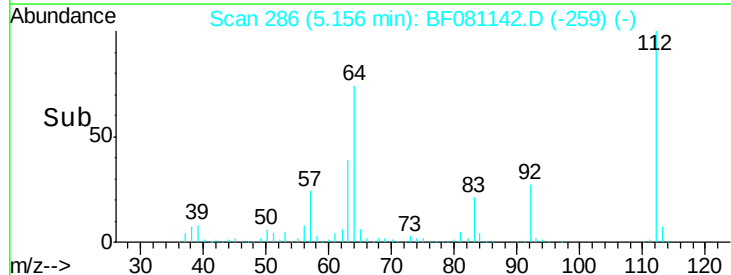
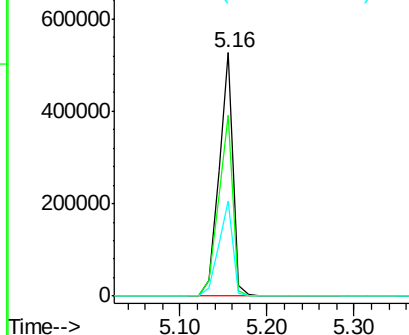
#5

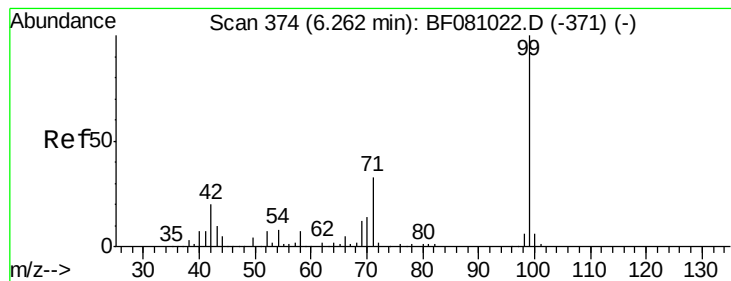
2-Fluorophenol
Concen: 130.03 ng
RT: 5.16 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF081142.D
Acq: 21 Aug 2015 00:19

Tgt Ion:112 Resp: 593049
Ion Ratio Lower Upper
112 100
64 74.4 66.9 100.3
63 39.1 38.1 57.1



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: 136.04 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF081142.D

Acq: 21 Aug 2015 00:19

Instrument :

BNA_F

ClientSampleId :

S8-9003

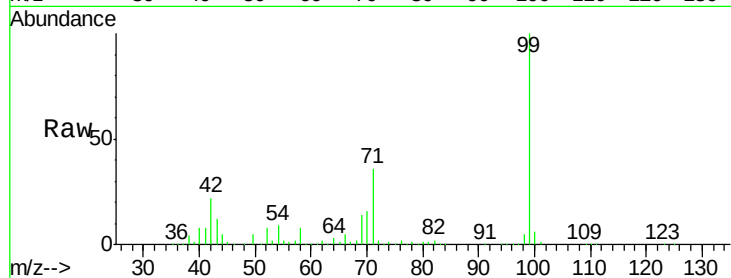
Tot Ion: 99 Resp: 809542

Ion Ratio Lower Upper

99 100

42 21.6 19.6 29.4

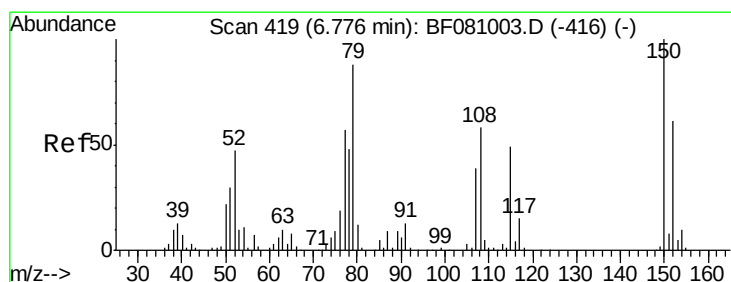
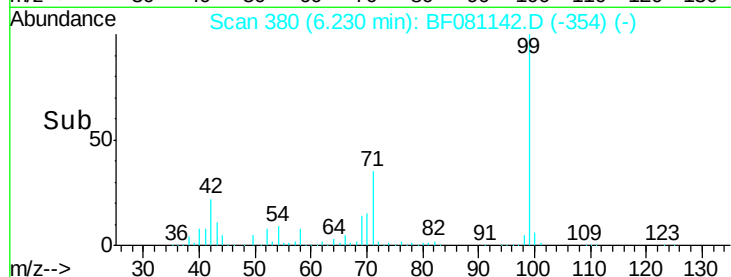
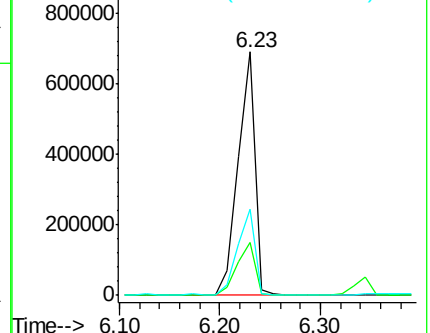
71 35.6 31.2 46.8



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



#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 6.73 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF081142.D

Acq: 21 Aug 2015 00:19

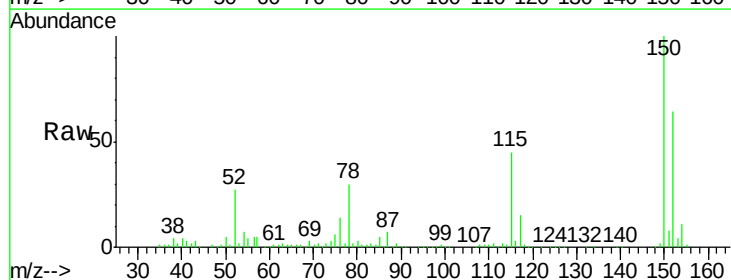
Tgt Ion: 79 Resp: 11393

Ion Ratio Lower Upper

79 100

108 26.1 49.4 74.2#

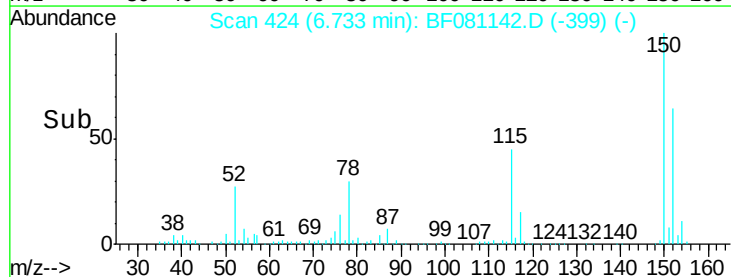
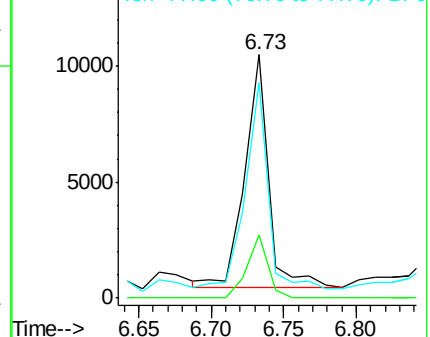
77 88.4 51.4 77.0#

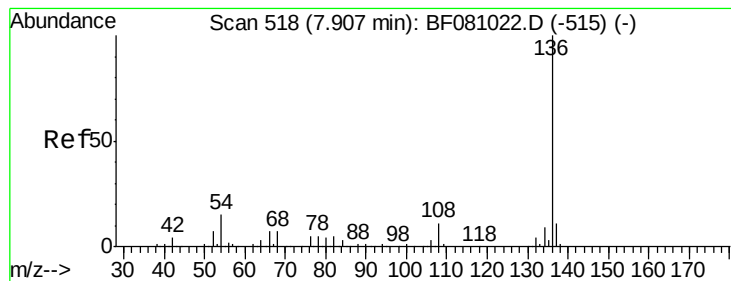


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 7.86 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF081142.D

Acq: 21 Aug 2015 00:19

Instrument :

BNA_F

ClientSampleId :

S8-9003

Tot Ion:136 Resp: 280710

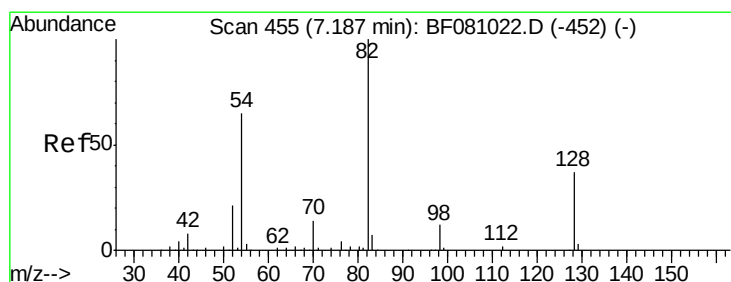
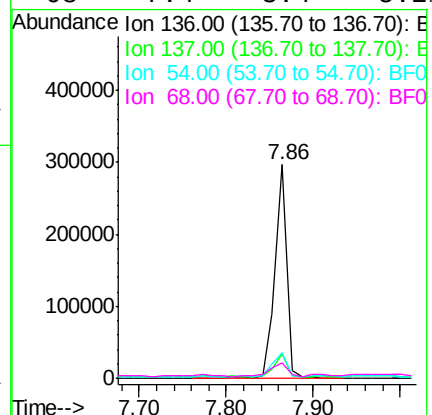
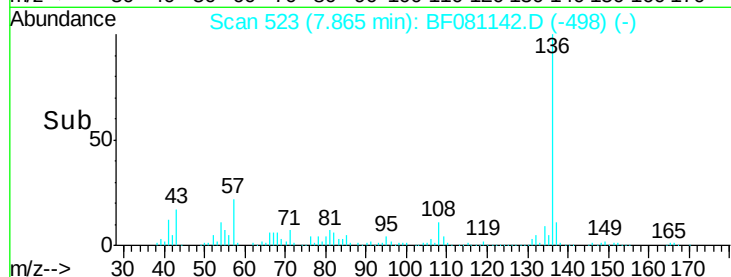
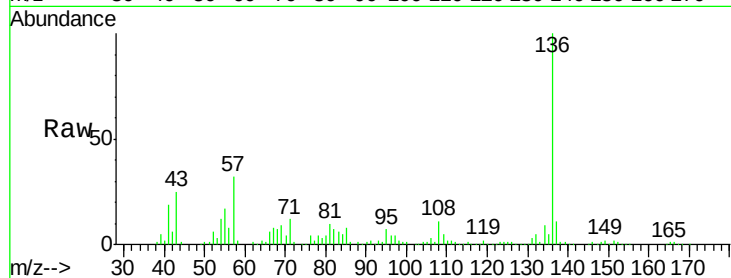
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.2

54 12.1 7.7 11.5#

68 7.4 3.4 5.2#



#23

Nitrobenzene-d5

Concen: 75.18 ng

RT: 7.14 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF081142.D

Acq: 21 Aug 2015 00:19

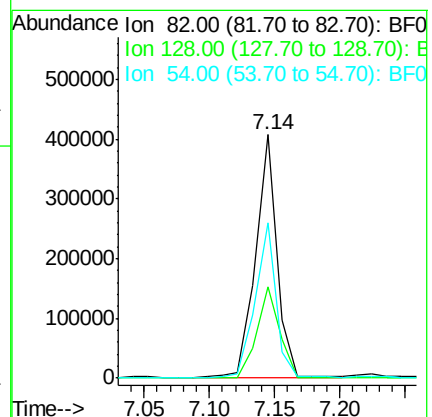
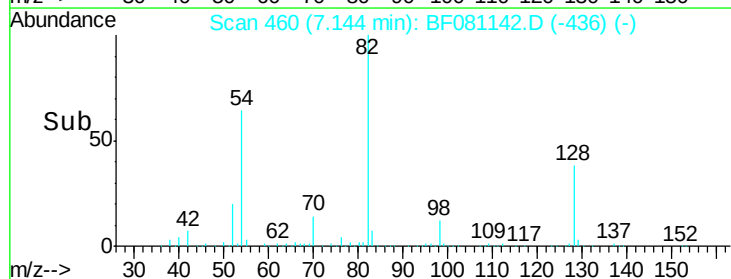
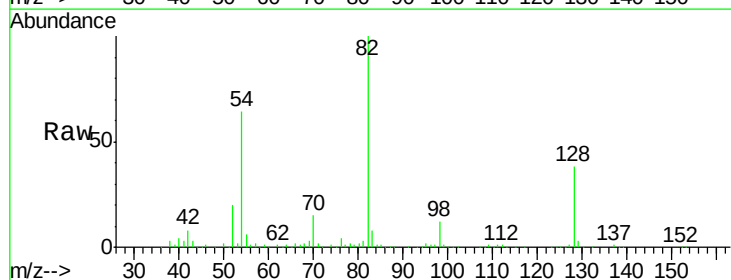
Tgt Ion: 82 Resp: 461951

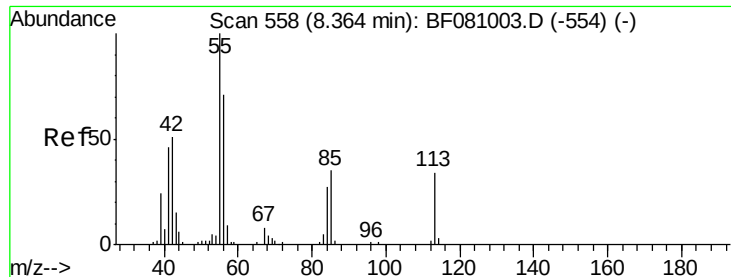
Ion Ratio Lower Upper

82 100

128 37.5 28.6 42.8

54 63.8 55.1 82.7





#35

Caprolactam

Concen: 18.82 ng

RT: 8.31 min Scan# 562

Delta R.T. -0.03 min

Lab File: BF081142.D

Acq: 21 Aug 2015 00:19

Instrument :

BNA_F

ClientSampleId :

S8-9003

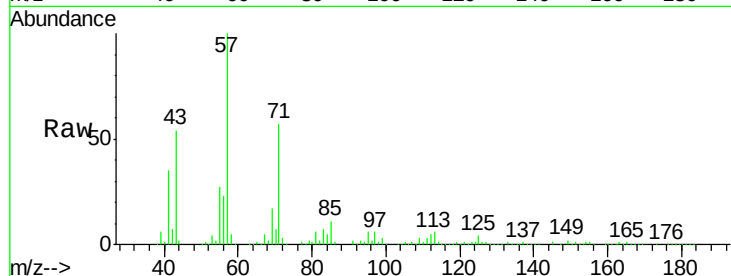
Tot Ion:113 Resp: 26176

Ion Ratio Lower Upper

113 100

55 460.9 280.4 320.4#

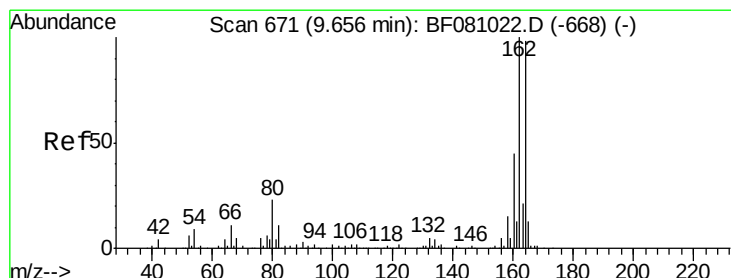
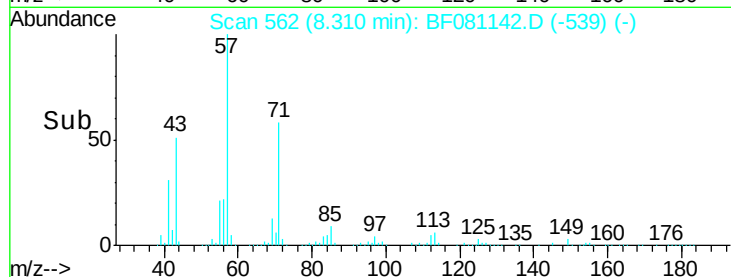
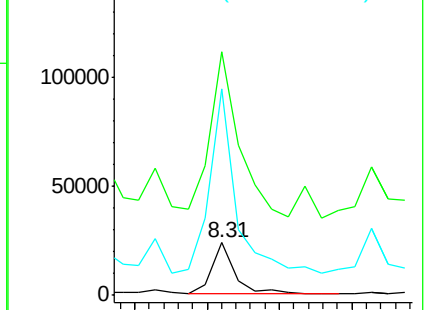
56 390.2 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF081142.D

Acq: 21 Aug 2015 00:19

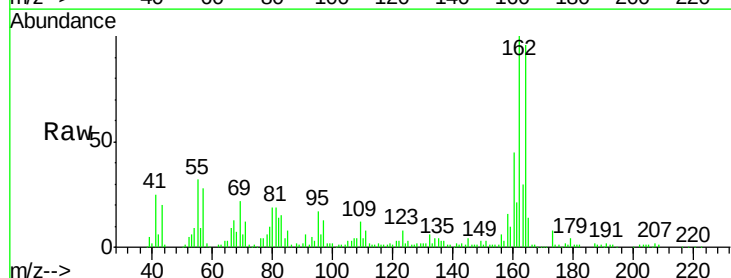
Tgt Ion:164 Resp: 120569

Ion Ratio Lower Upper

164 100

162 103.6 83.8 125.8

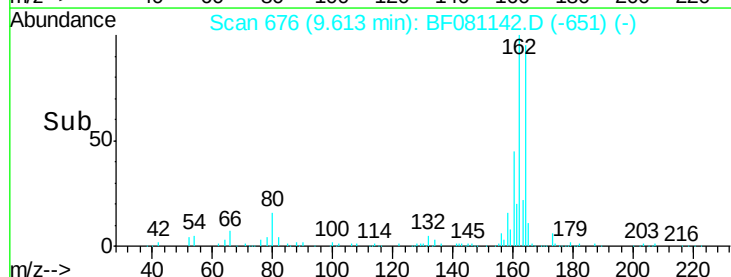
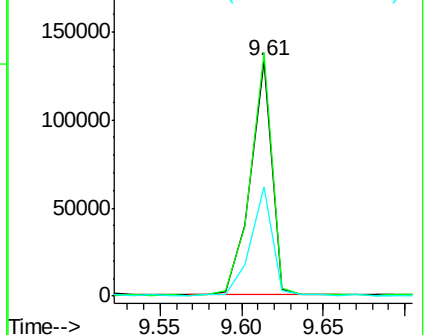
160 46.8 39.8 59.8

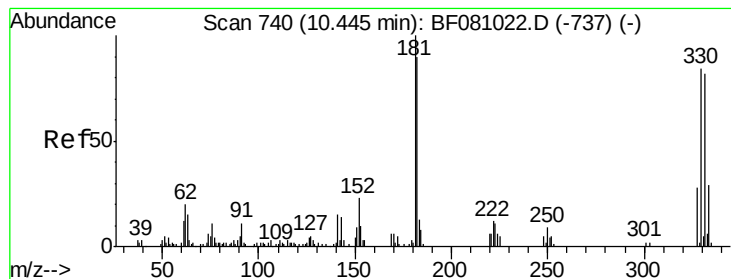


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 130.25 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF081142.D

Acq: 21 Aug 2015 00:19

Instrument :

BNA_F

ClientSampleId :

S8-9003

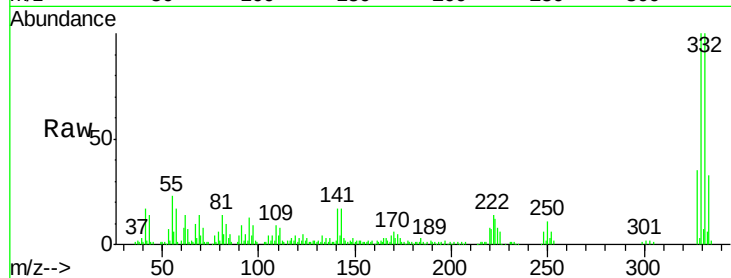
Tot Ion:330 Resp: 136126

Ion Ratio Lower Upper

330 100

332 98.3 77.3 115.9

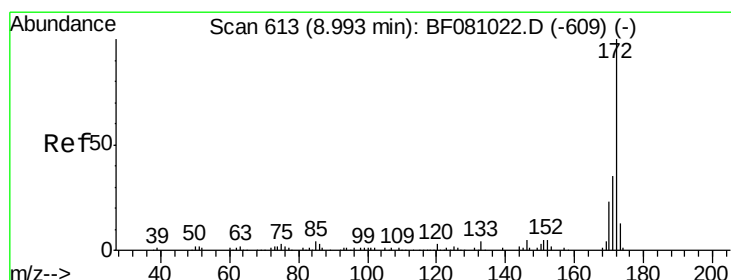
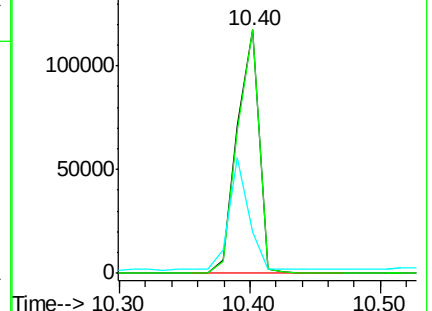
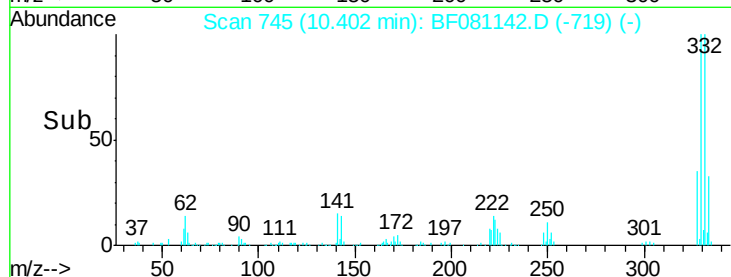
141 42.9 44.9 67.3#



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: 87.56 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF081142.D

Acq: 21 Aug 2015 00:19

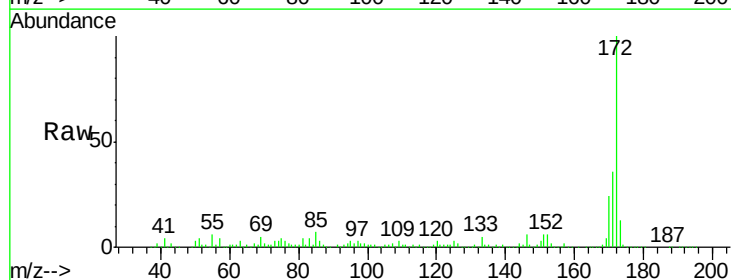
Tgt Ion:172 Resp: 805675

Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

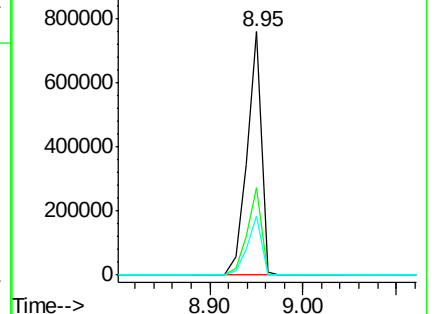
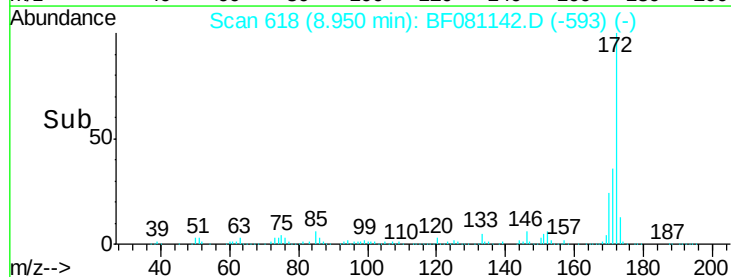
170 24.3 19.4 29.2

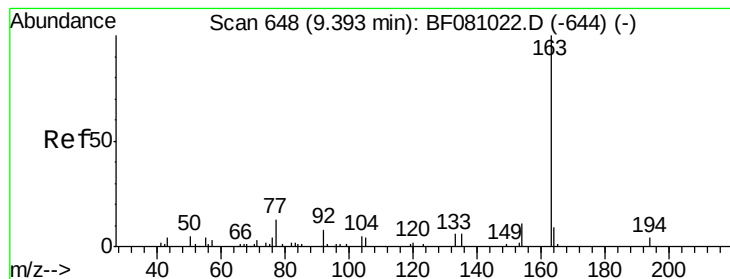


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.15 ng

RT: 9.34 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF081142.D

Acq: 21 Aug 2015 00:19

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ClientSampleId :

S8-9003

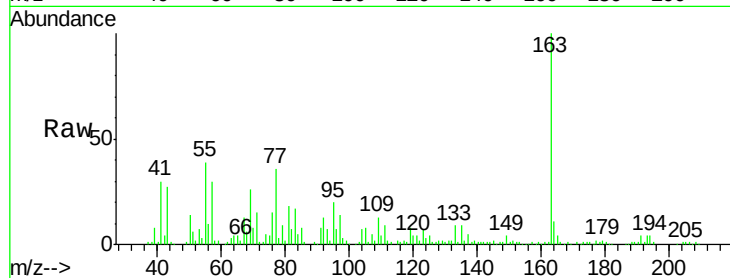
Tot Ion:163 Resp: 140506

Ion Ratio Lower Upper

163 100

194 3.7 2.5 3.7

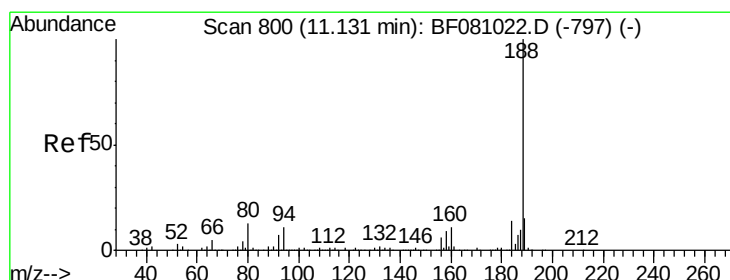
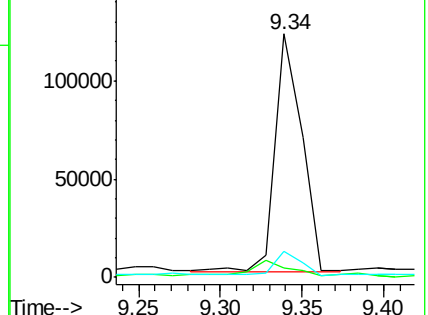
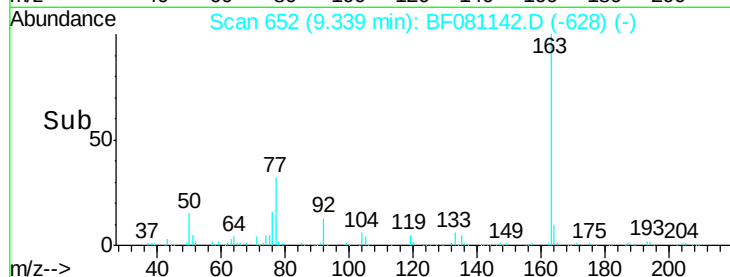
164 10.6 8.1 12.1



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: 11.08 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF081142.D

Acq: 21 Aug 2015 00:19

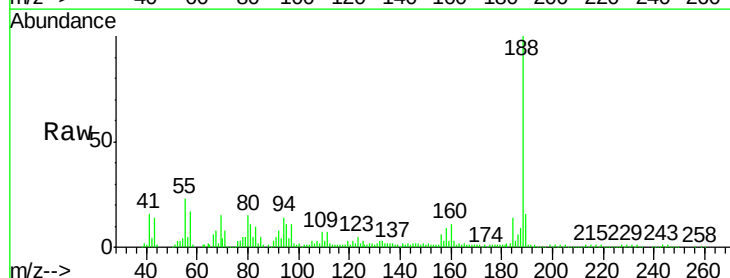
Tgt Ion:188 Resp: 207786

Ion Ratio Lower Upper

188 100

94 14.0 8.2 12.2#

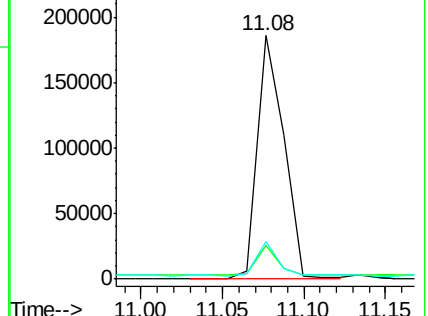
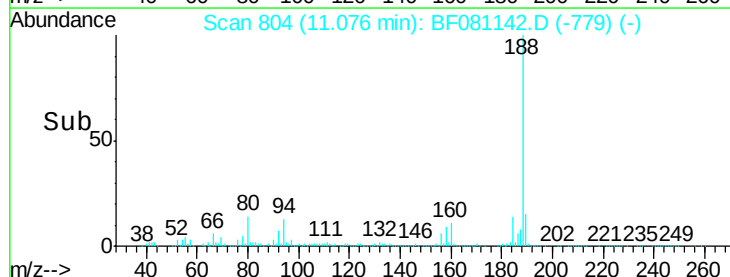
80 15.3 9.5 14.3#

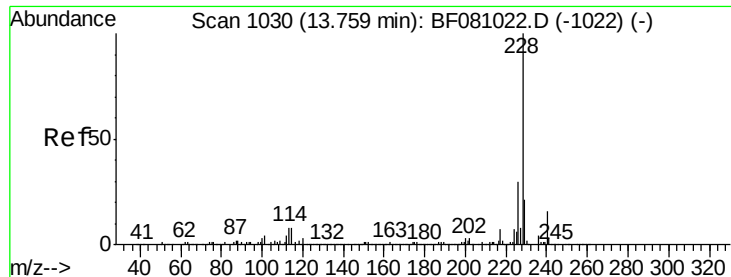


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF081142.D

Acq: 21 Aug 2015 00:19

Instrument :

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ClientSampleId :

S8-9003

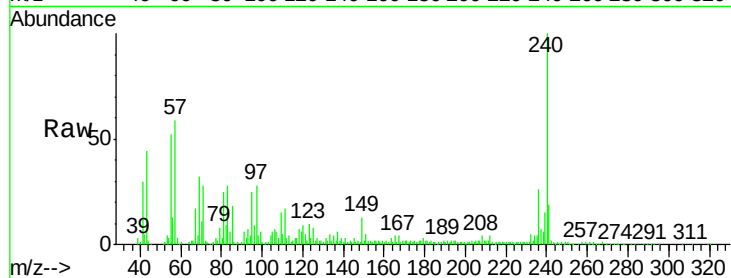
Tot Ion:240 Resp: 134734

Ion Ratio Lower Upper

240 100

120 9.0 5.6 8.4#

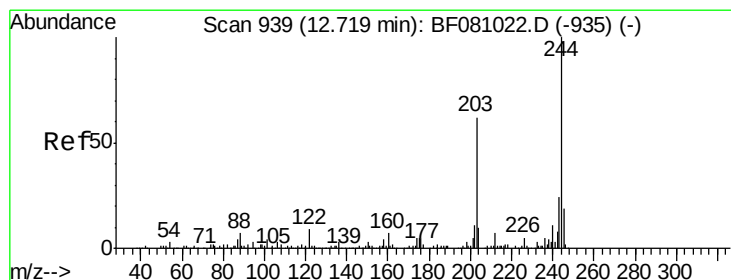
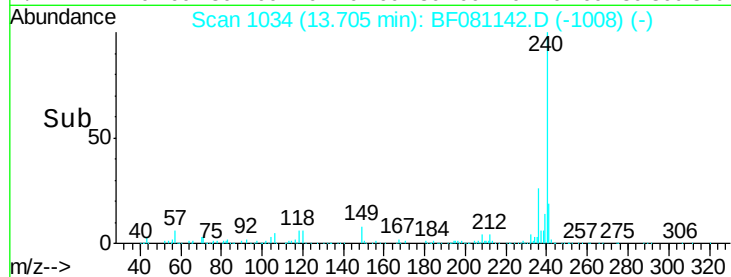
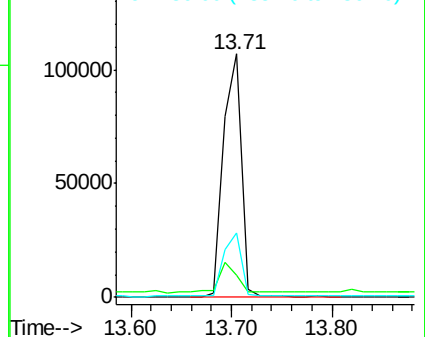
236 26.5 20.6 30.8



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: 87.05 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF081142.D

Acq: 21 Aug 2015 00:19

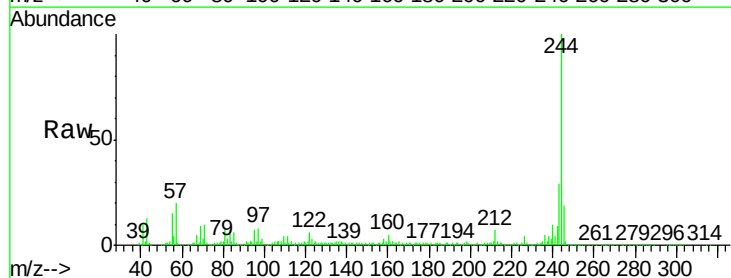
Tgt Ion:244 Resp: 547115

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

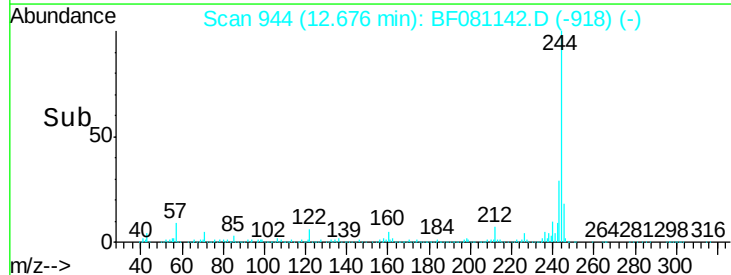
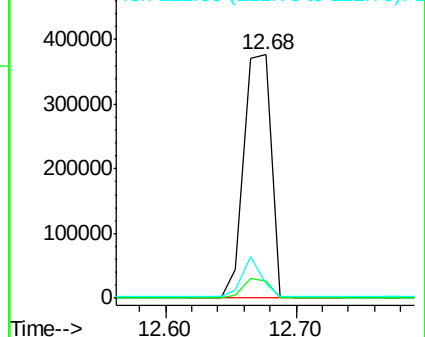
122 6.2 8.2 12.4#

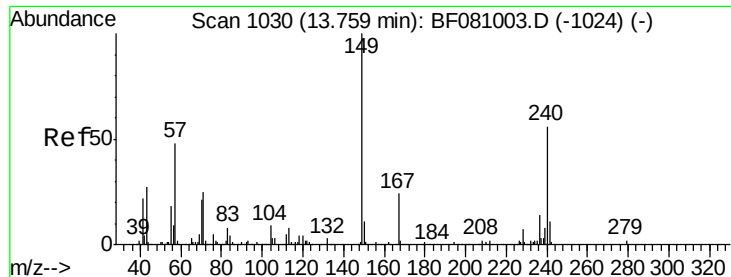


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

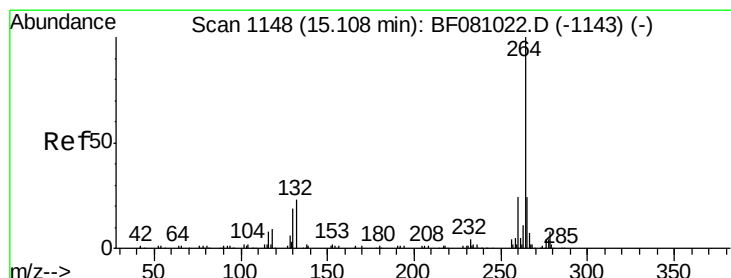
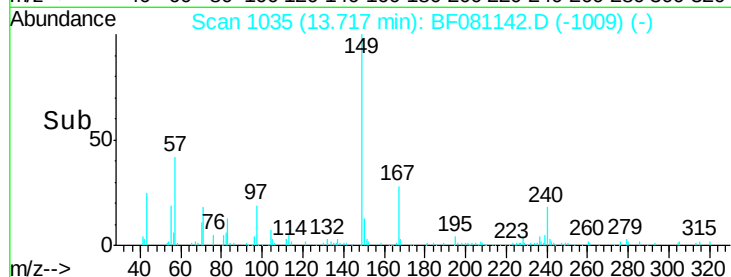
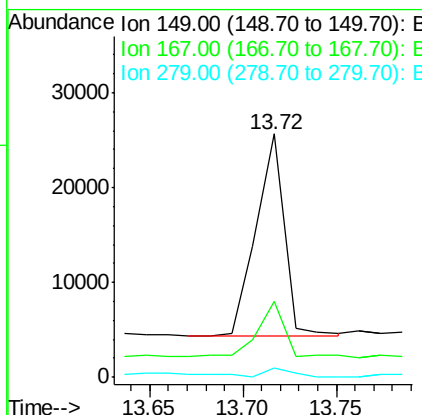
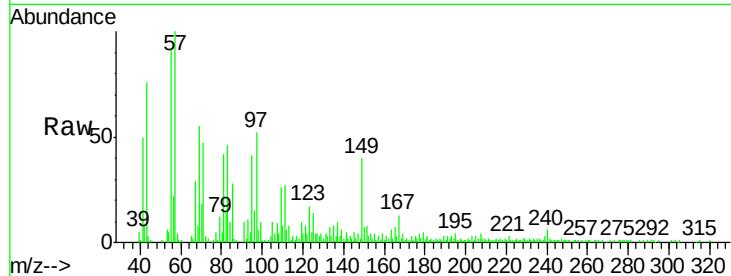




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.70 ng
 RT: 13.72 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF081142.D
 Acq: 21 Aug 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 S8-9003

Tot Ion:149 Resp: 22294
 Ion Ratio Lower Upper
 149 100
 167 31.2 20.7 31.1#
 279 3.6 2.2 3.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF081142.D
 Acq: 21 Aug 2015 00:19

Tgt Ion:264 Resp: 114533
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 21.6 17.5 26.3

