

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090915\
 Data File : BF081567.D
 Acq On : 9 Sep 2015 22:50
 Operator : UM/IZ
 Sample : G3582-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-I-8-001

Quant Time: Sep 10 04:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

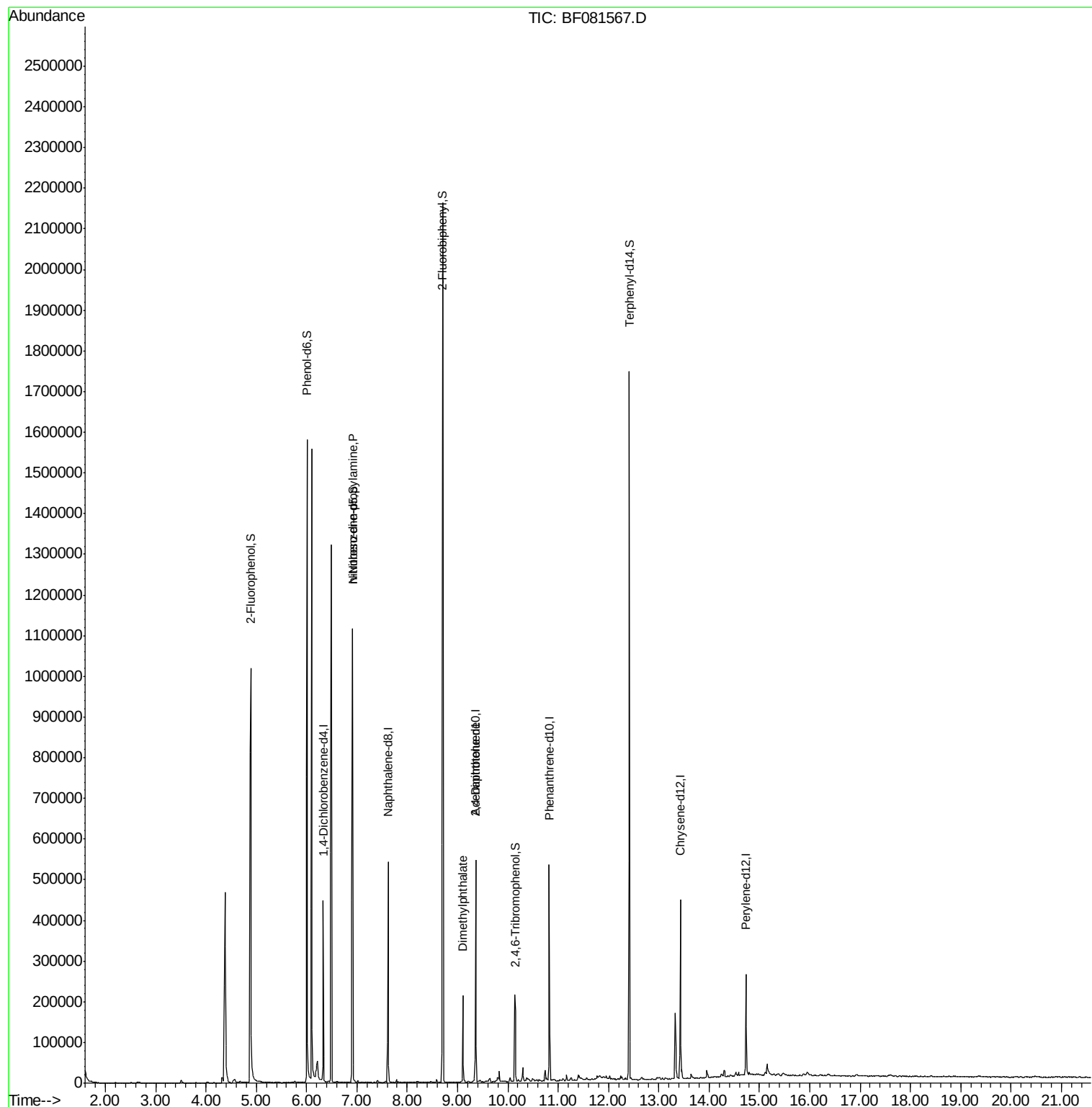
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	56672	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	218813	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	100353	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	185886	20.00	ng	-0.01
75) Chrysene-d12	13.43	240	145288	20.00	ng	-0.01
86) Perylene-d12	14.73	264	101767	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	355144	97.23	ng	0.02
7) Phenol-d6	6.01	99	521140	107.79	ng	0.00
23) Nitrobenzene-d5	6.91	82	366577	80.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.15	330	26370	29.51	ng	-0.01
44) 2-Fluorobiphenyl	8.71	172	635230	81.12	ng	0.00
78) Terphenyl-d14	12.41	244	495755	79.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.91	70	51279	15.58	ng	# 65
49) Dimethylphthalate	9.11	163	72246	9.27	ng	# 97
56) 2,4-Dinitrotoluene	9.36	165	12405	5.51	ng	# 33

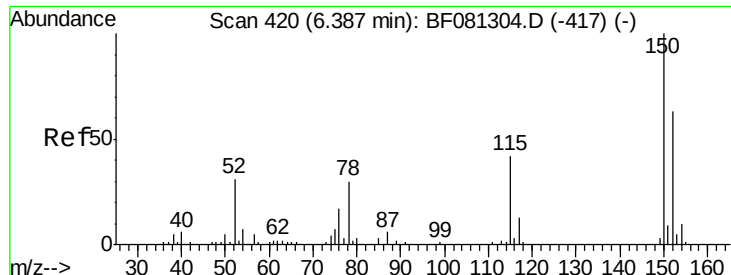
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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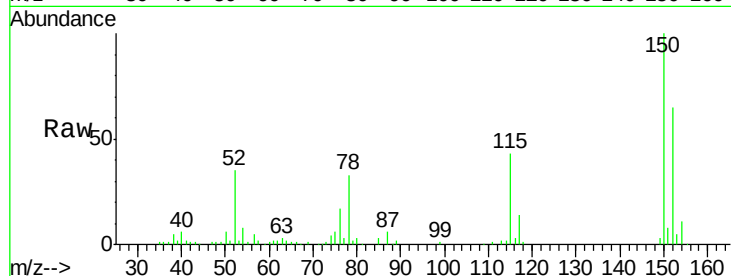


#1

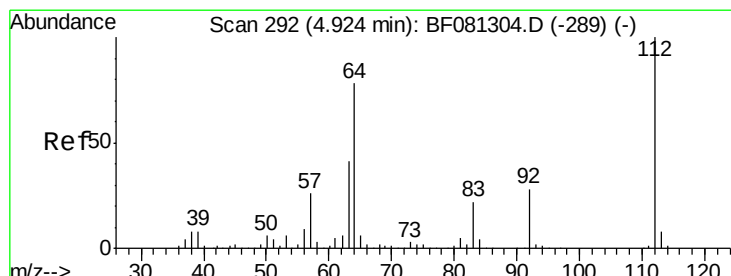
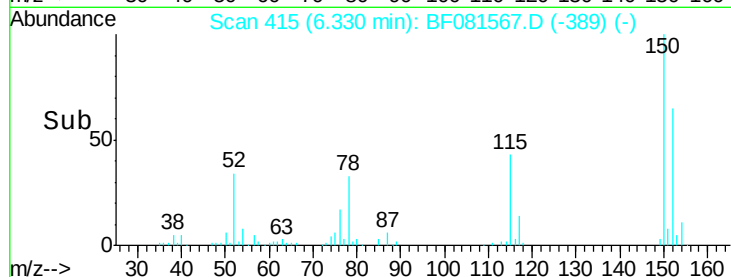
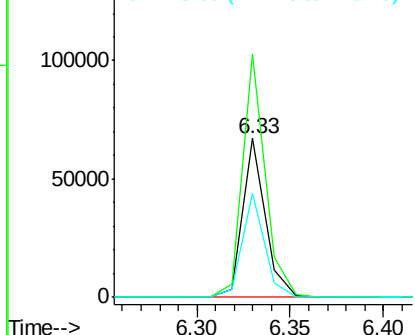
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF081567.D
Acq: 9 Sep 2015 22:50

Instrument :
BNA_F
ClientSampleId :
LIBERTY-I-8-001

Tot Ion:152 Resp: 56672
Ion Ratio Lower Upper
152 100
150 153.3 124.7 187.1
115 65.4 39.0 58.4#



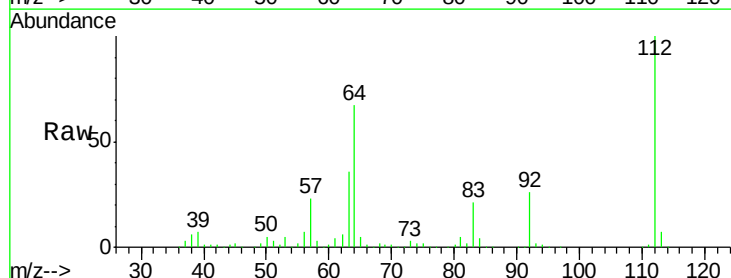
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



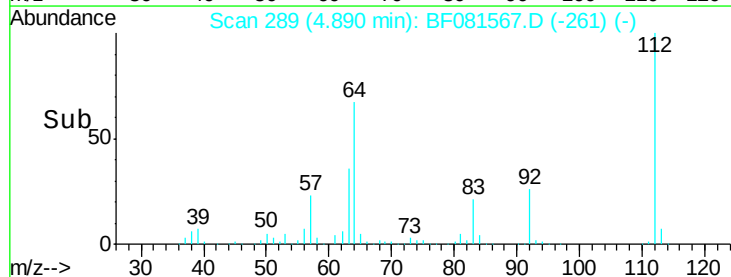
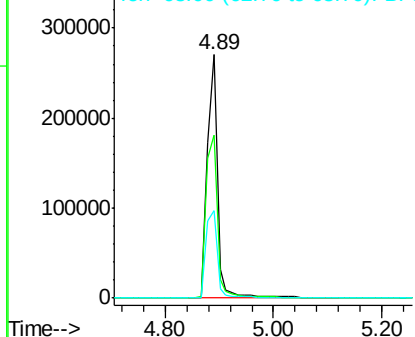
#5

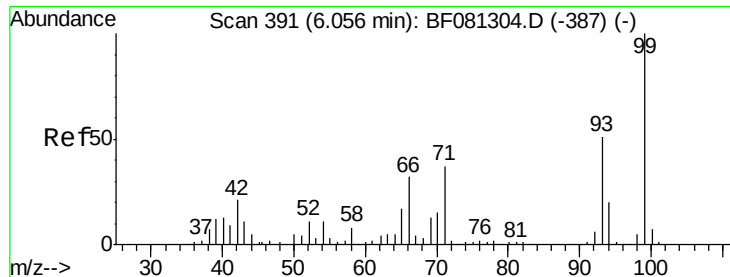
2-Fluorophenol
Concen: 97.23 ng
RT: 4.89 min Scan# 289
Delta R.T. 0.02 min
Lab File: BF081567.D
Acq: 9 Sep 2015 22:50

Tgt Ion:112 Resp: 355144
Ion Ratio Lower Upper
112 100
64 66.7 39.7 59.5#
63 35.9 17.4 26.0#



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: 107.79 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF081567.D

Acq: 9 Sep 2015 22:50

Instrument :

BNA_F

ClientSampleId :

LIBERTY-I-8-001

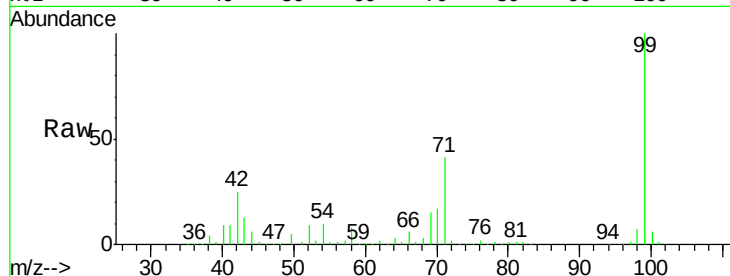
Tot Ion: 99 Resp: 521140

Ion Ratio Lower Upper

99 100

42 24.8 13.7 20.5#

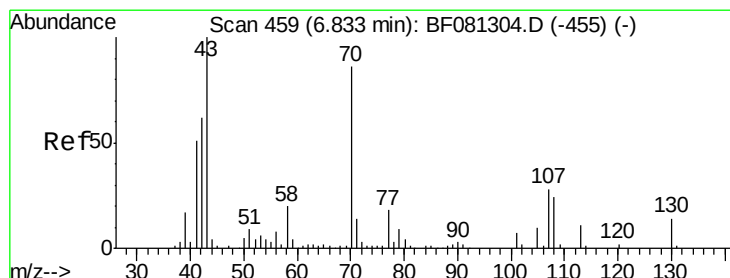
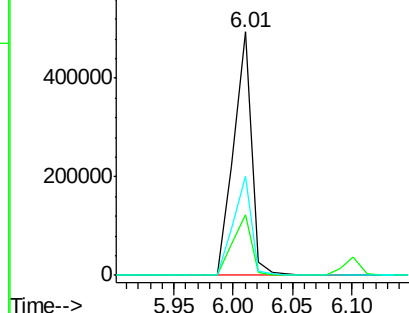
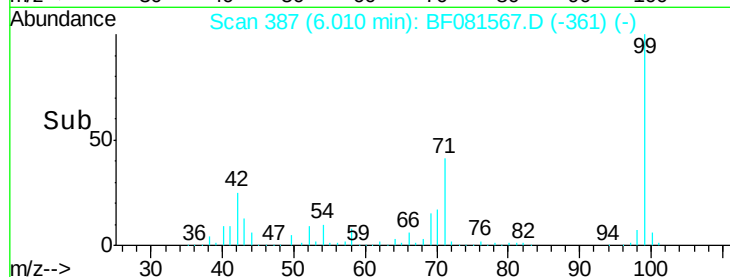
71 40.5 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.58 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.13 min

Lab File: BF081567.D

Acq: 9 Sep 2015 22:50

Tgt Ion: 70 Resp: 51279

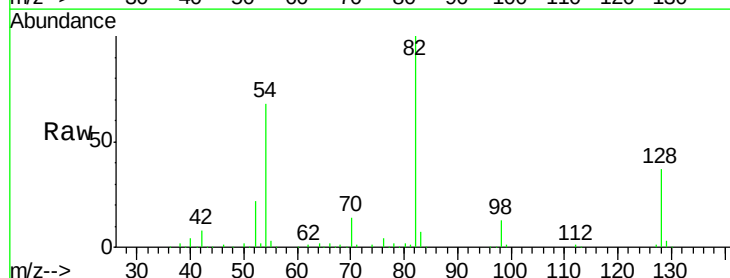
Ion Ratio Lower Upper

70 100

42 57.1 63.8 95.6#

101 0.0 9.2 13.8#

130 1.5 27.3 40.9#

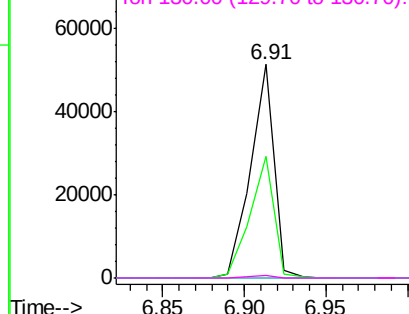
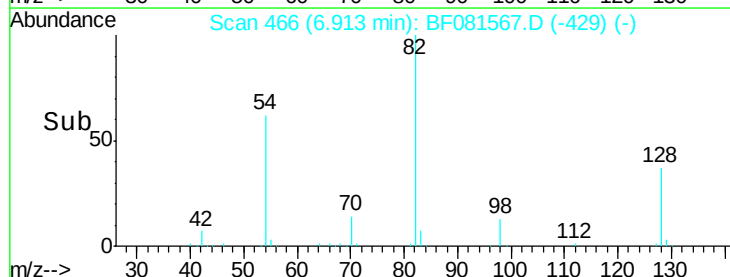


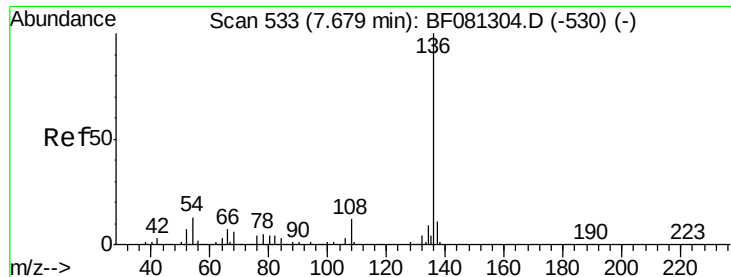
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF081567.D

Acq: 9 Sep 2015 22:50

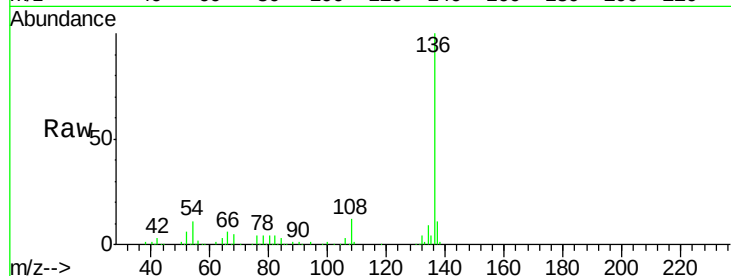
Instrument :

BNA_F

ClientSampleId :

LIBERTY-I-8-001

Tot Ion:136	Resp:	218813
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	11.3	8.2 12.2
68	5.3	5.8 8.6#

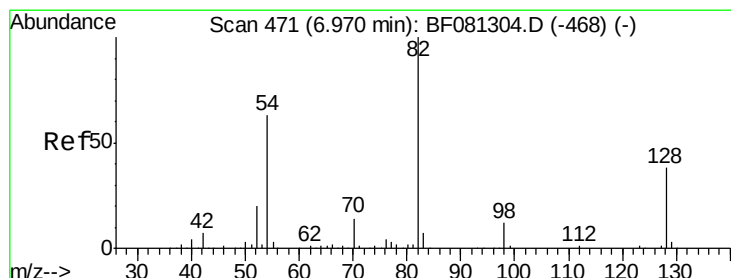
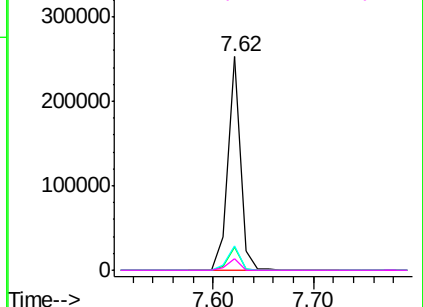
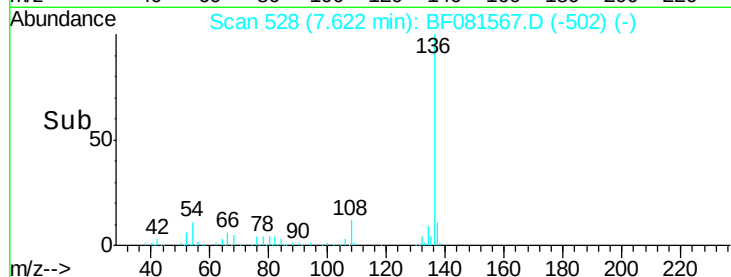


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.83 ng

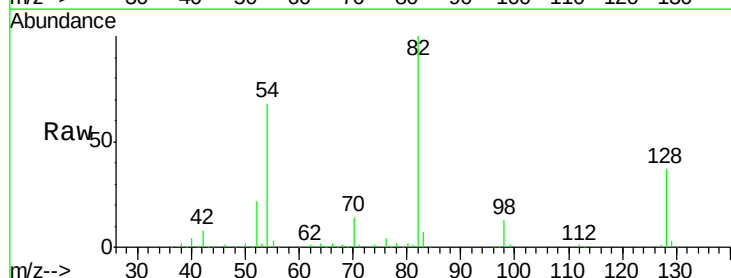
RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF081567.D

Acq: 9 Sep 2015 22:50

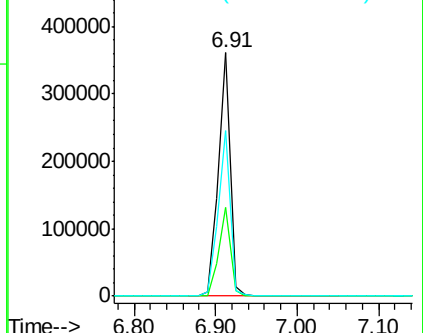
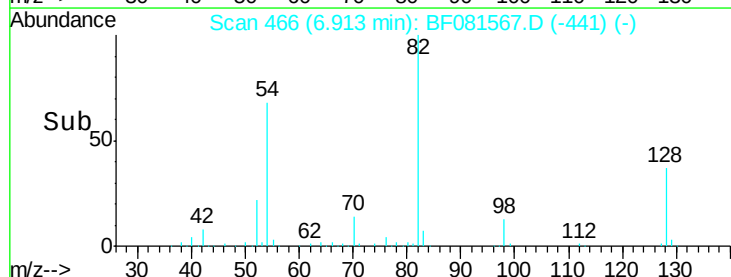
Tgt Ion: 82	Resp:	366577
Ion Ratio	Lower	Upper
82	100	
128	36.5	51.0 76.6#
54	67.9	47.5 71.3

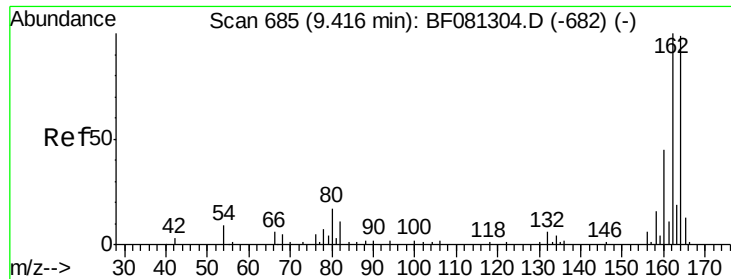


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF081567.D

Acq: 9 Sep 2015 22:50

Instrument :

BNA_F

ClientSampleId :

LIBERTY-I-8-001

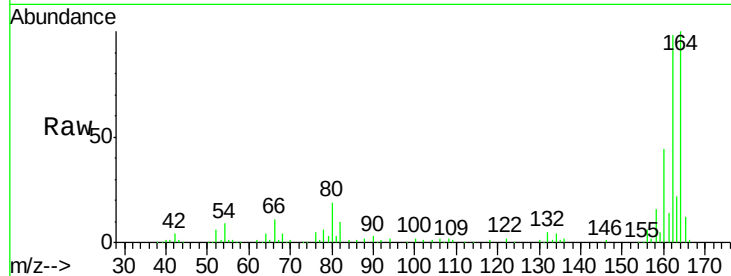
Tot Ion:164 Resp: 100353

Ion Ratio Lower Upper

164 100

162 97.6 75.2 112.8

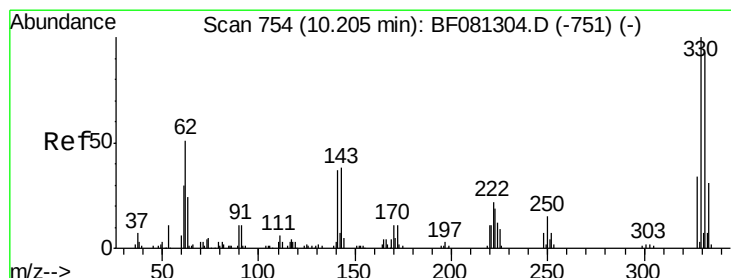
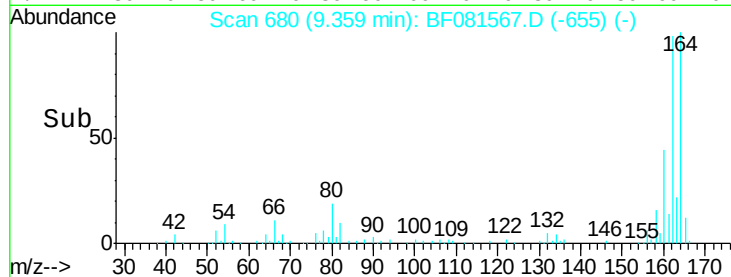
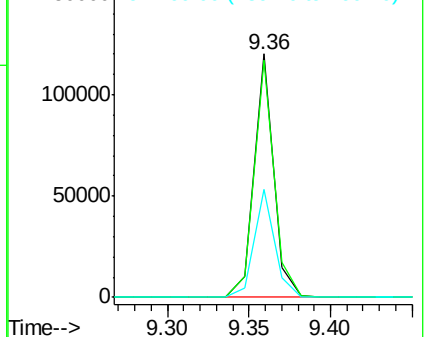
160 44.4 31.5 47.3



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: 29.51 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF081567.D

Acq: 9 Sep 2015 22:50

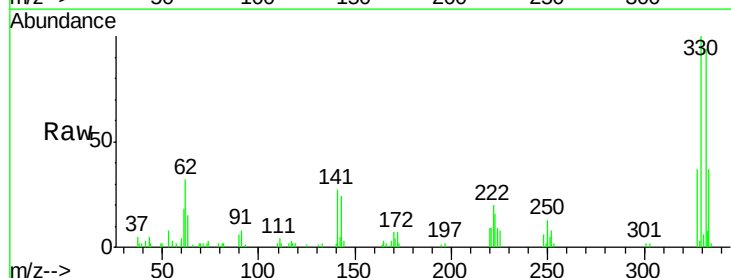
Tgt Ion:330 Resp: 26370

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

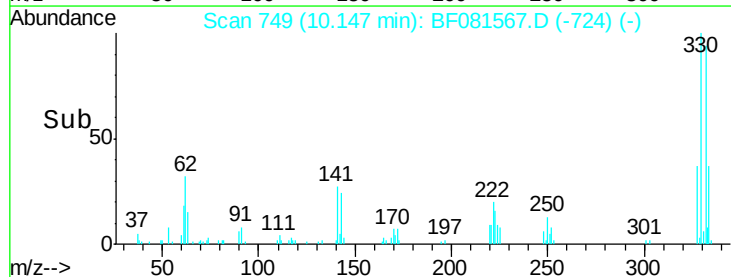
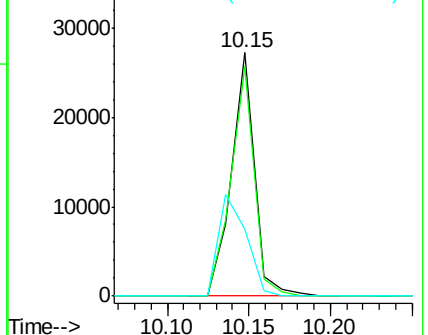
141 50.6 29.7 44.5#

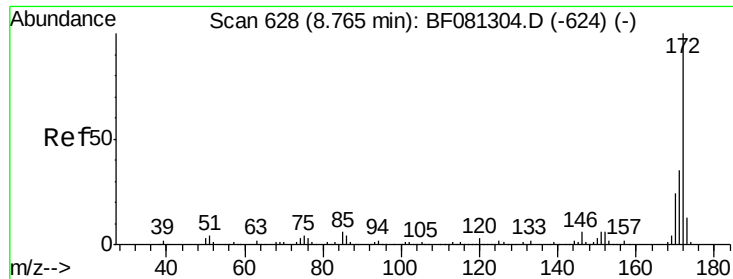


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

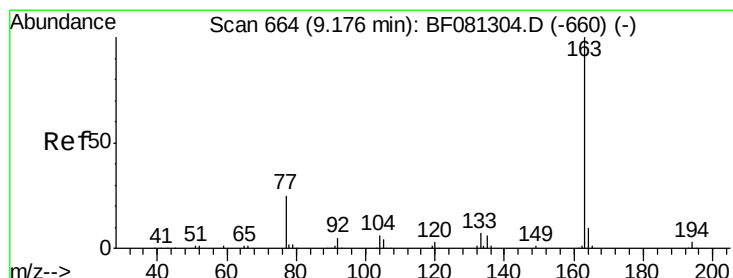
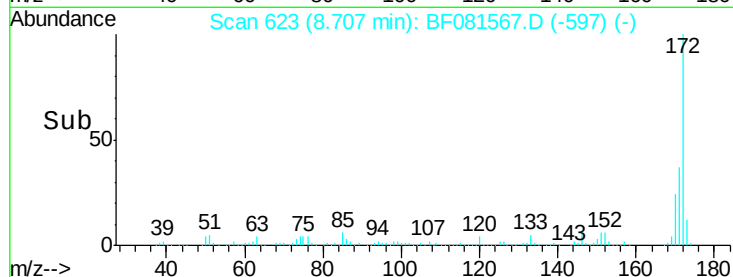
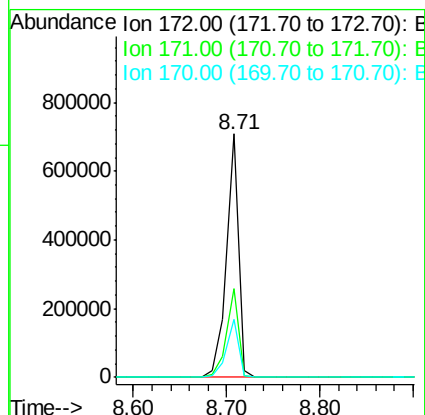
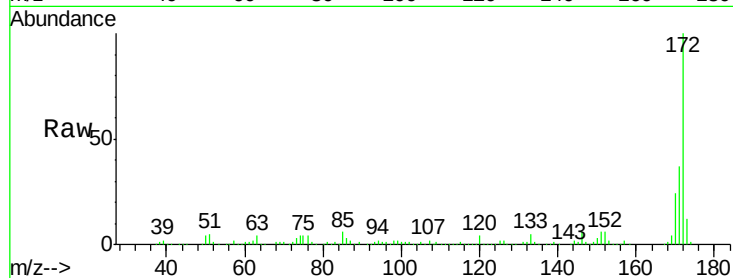




#44
 2-Fluorobiphenyl
 Concen: 81.12 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF081567.D
 Acq: 9 Sep 2015 22:50

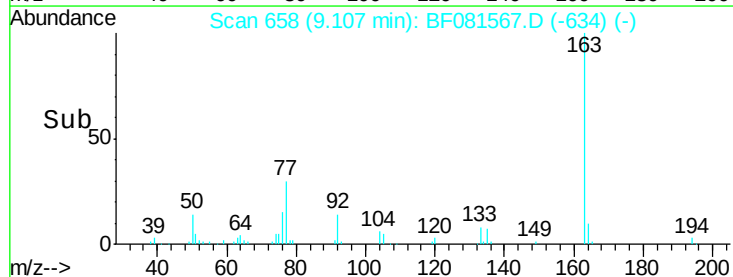
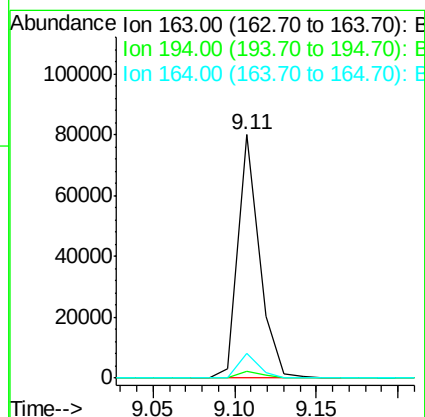
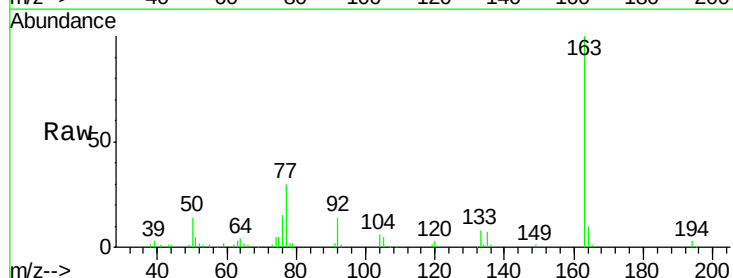
Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-I-8-001

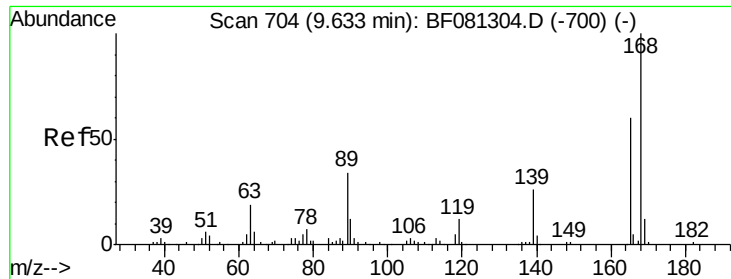
Tot Ion:172 Resp: 635230
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 24.1 17.4 26.2



#49
 Dimethylphthalate
 Concen: 9.27 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.02 min
 Lab File: BF081567.D
 Acq: 9 Sep 2015 22:50

Tgt Ion:163 Resp: 72246
 Ion Ratio Lower Upper
 163 100
 194 2.7 4.4 6.6#
 164 10.4 8.3 12.5

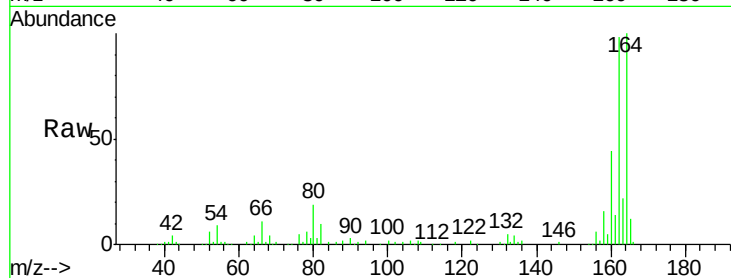




#56
 2,4-Dinitrotoluene
 Concen: 5.51 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.23 min
 Lab File: BF081567.D
 Acq: 9 Sep 2015 22:50

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-I-8-001

Tot Ion:165	Resp:	12405
Ion Ratio	Lower	Upper
165	100	
63	2.4	29.8 44.6#
89	0.0	44.5 66.7#
182	0.0	3.0 4.4#

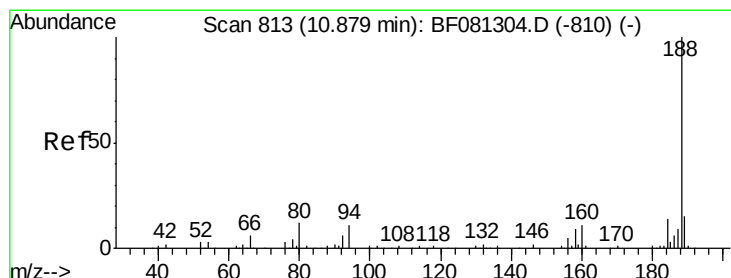
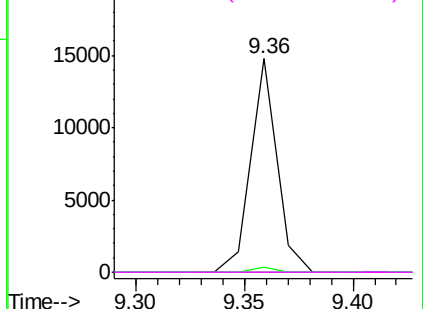
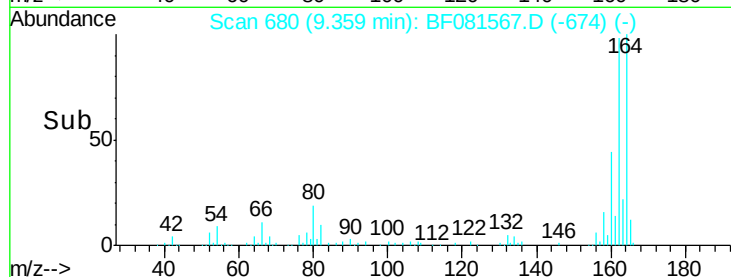


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

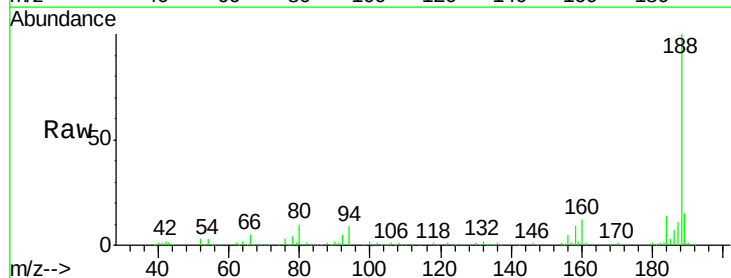
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF081567.D
 Acq: 9 Sep 2015 22:50

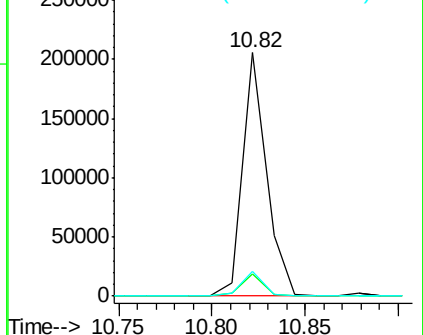
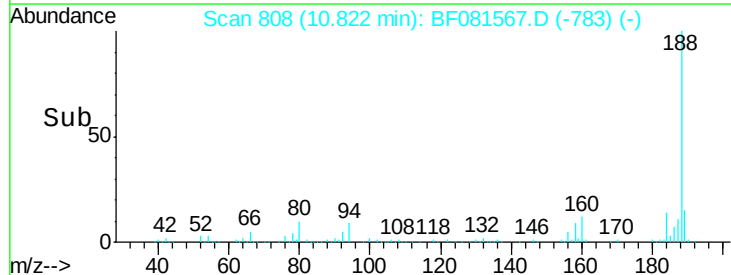
Tgt Ion:188	Resp:	185886
Ion Ratio	Lower	Upper
188	100	
94	9.0	11.1 16.7#
80	10.4	11.0 16.4#

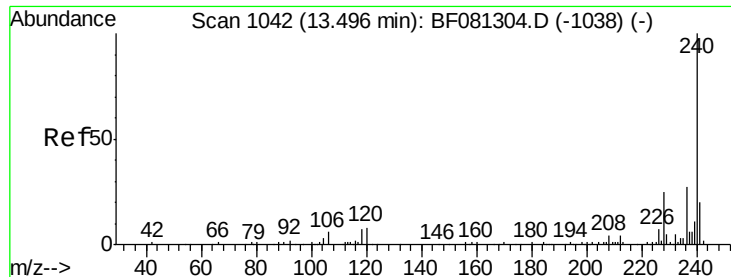


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.43 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF081567.D

Acq: 9 Sep 2015 22:50

Instrument :

BNA_F

ClientSampleId :

LIBERTY-I-8-001

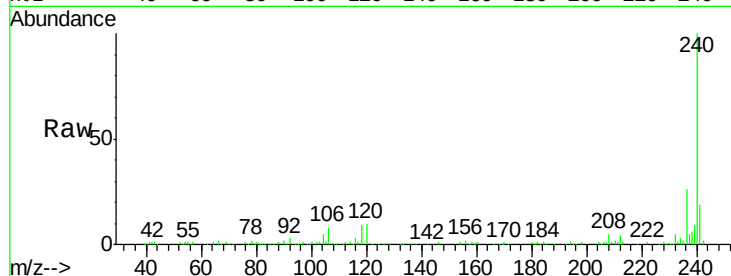
Tot Ion:240 Resp: 145288

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

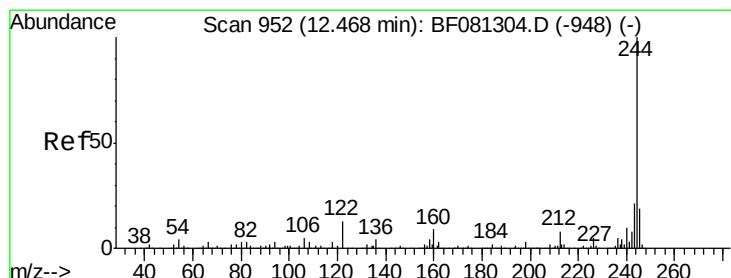
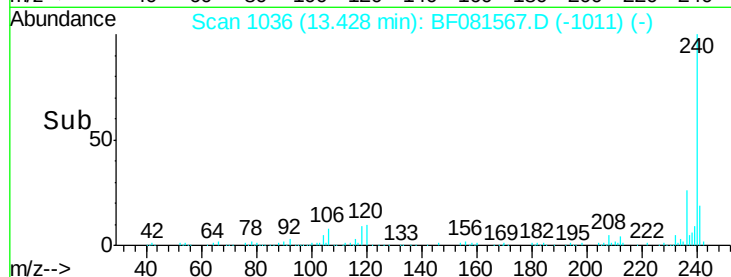
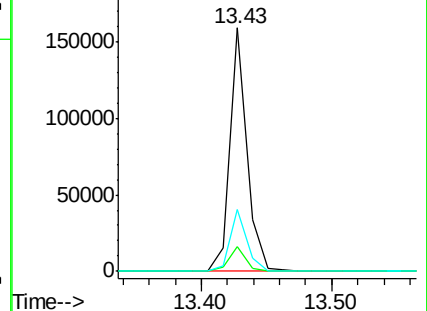
236 25.6 18.4 27.6



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: 79.43 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF081567.D

Acq: 9 Sep 2015 22:50

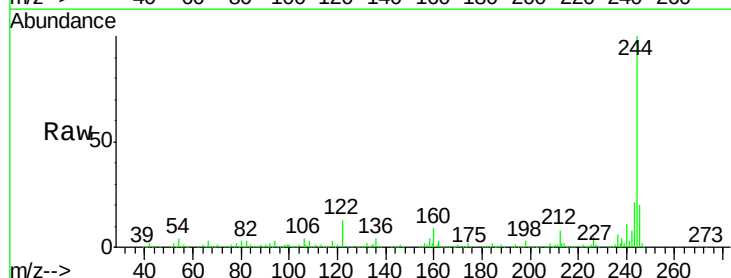
Tgt Ion:244 Resp: 495755

Ion Ratio Lower Upper

244 100

212 8.4 4.3 6.5#

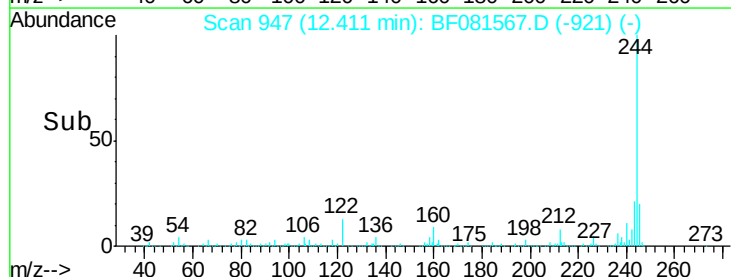
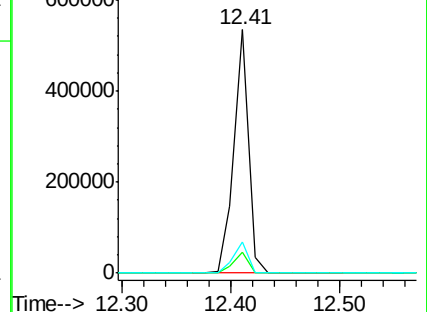
122 12.7 17.4 26.2#

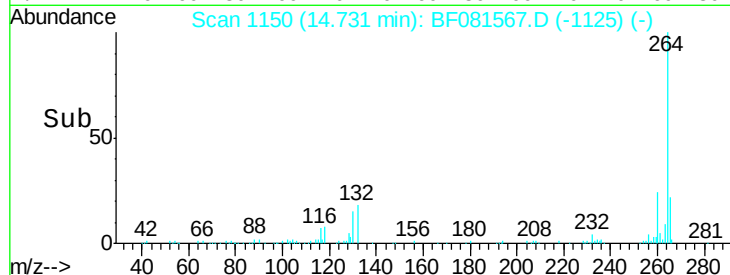
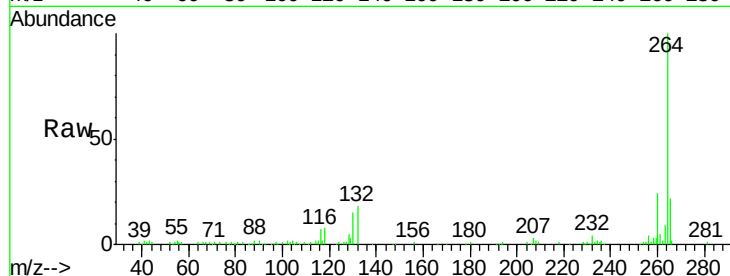
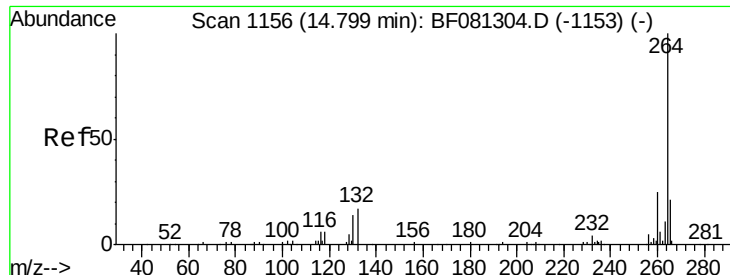


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF081567.D
Acq: 9 Sep 2015 22:50

Instrument :
BNA_F
ClientSampleId :
LIBERTY-I-8-001

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.6	17.2	25.8

