

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081330.D
 Acq On : 2 Sep 2015 4:51
 Operator : UM/IZ
 Sample : G3480-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 05:24:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

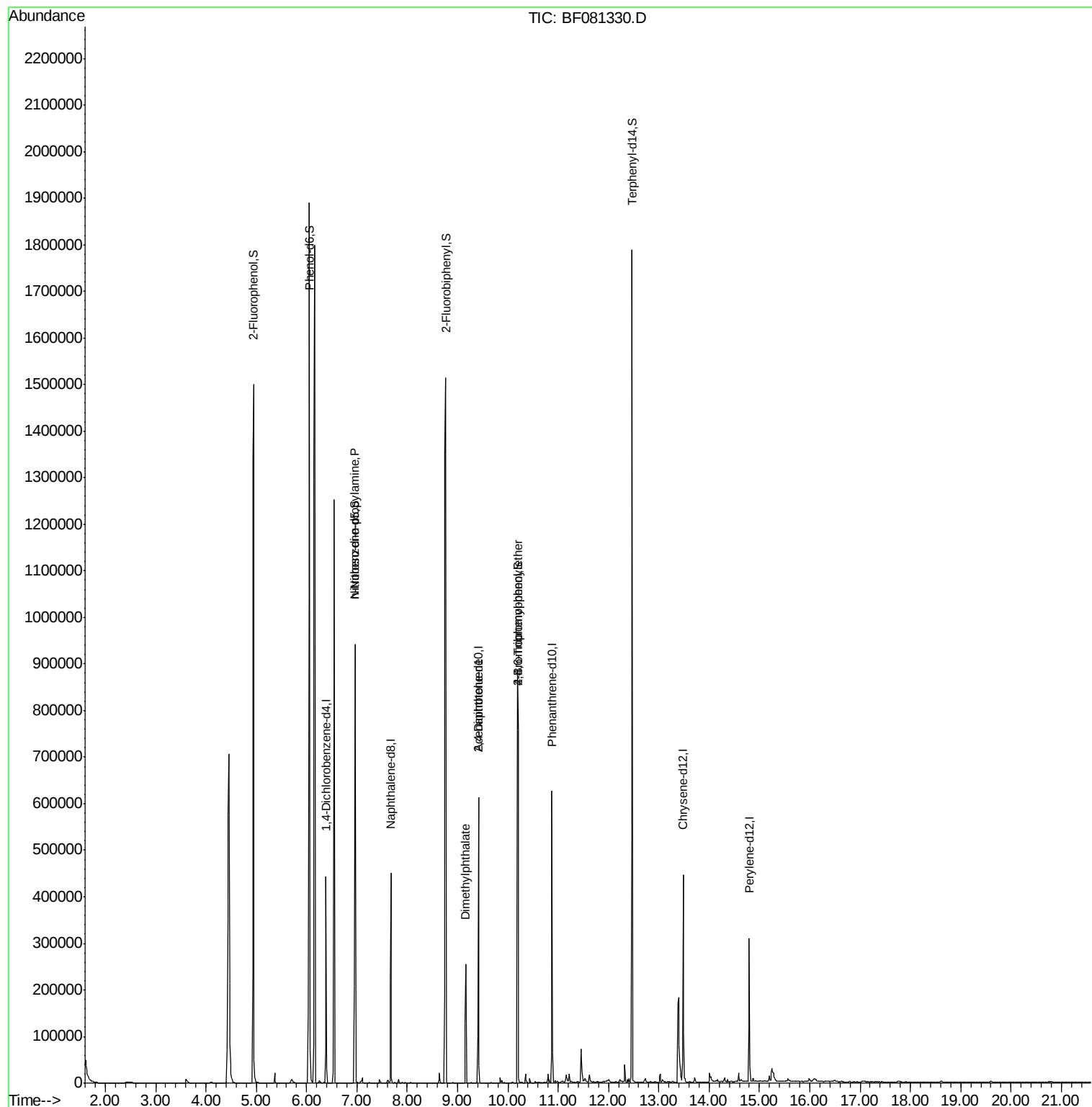
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	59099	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	224756	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	110998	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	207887	20.00	ng	0.00
75) Chrysene-d12	13.49	240	155453	20.00	ng	-0.01
86) Perylene-d12	14.80	264	122375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	558392	146.59	ng	0.02
7) Phenol-d6	6.06	99	714578	141.72	ng	0.00
23) Nitrobenzene-d5	6.96	82	449907	96.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	134058	135.64	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	712866	82.30	ng	0.00
78) Terphenyl-d14	12.47	244	529448	79.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	60407	17.60	ng	# 61
49) Dimethylphthalate	9.16	163	118211	13.71	ng	# 97
56) 2,4-Dinitrotoluene	9.42	165	14180	5.69	ng	# 31
66) 4-Bromophenyl-phenylether	10.20	248	9474	4.51	ng	# 1

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

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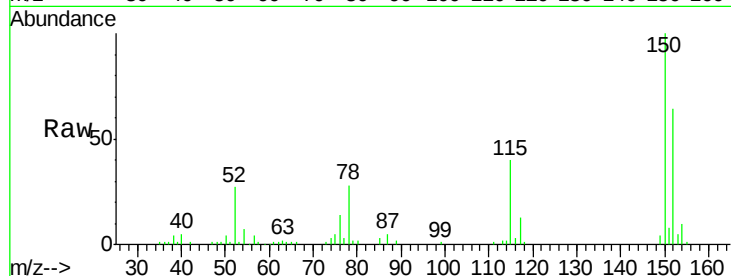


#1

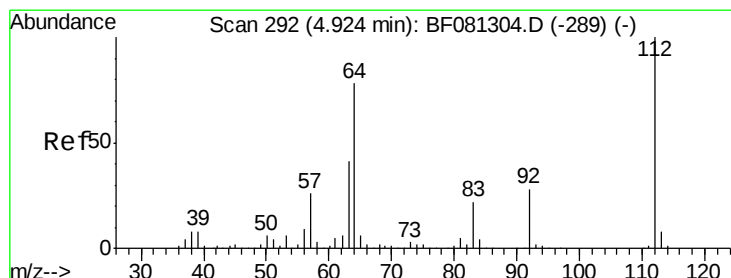
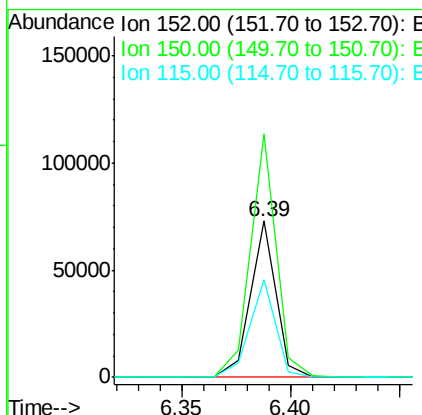
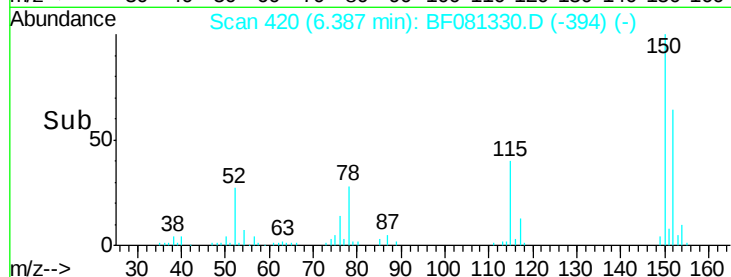
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081330.D
Acq: 2 Sep 2015 4:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 59099
Ion Ratio Lower Upper
152 100
150 156.0 124.7 187.1
115 62.2 39.0 58.4#



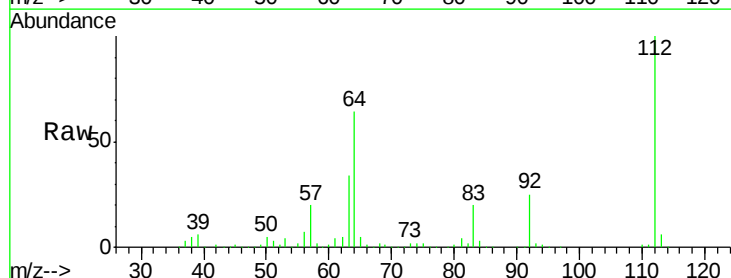
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



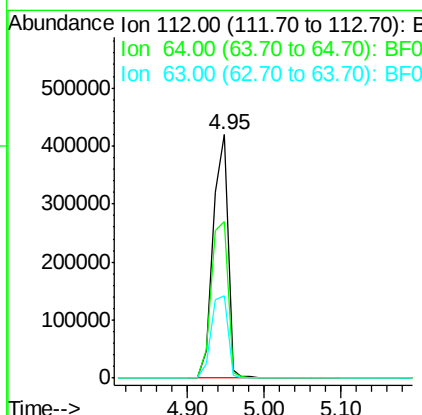
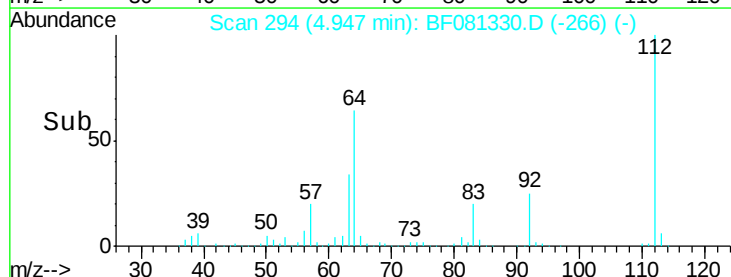
#5

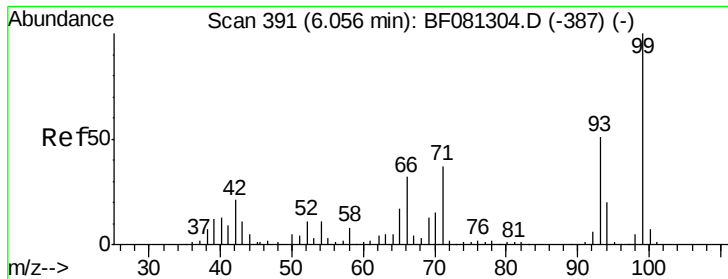
2-Fluorophenol
Concen: 146.59 ng
RT: 4.95 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF081330.D
Acq: 2 Sep 2015 4:51

Tgt Ion:112 Resp: 558392
Ion Ratio Lower Upper
112 100
64 64.3 39.7 59.5#
63 34.0 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: 141.72 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081330.D

Acq: 2 Sep 2015 4:51

Instrument :

BNA_F

ClientSampleId :

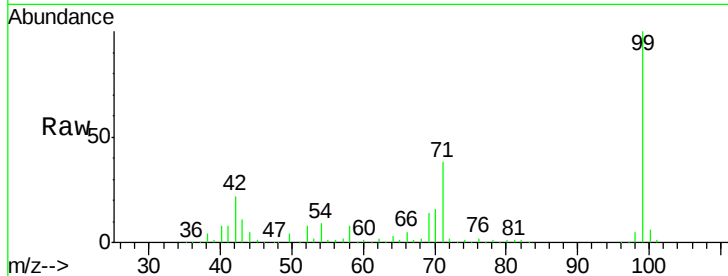
Tot Ion: 99 Resp: 714578

Ion Ratio Lower Upper

99 100

42 22.1 13.7 20.5#

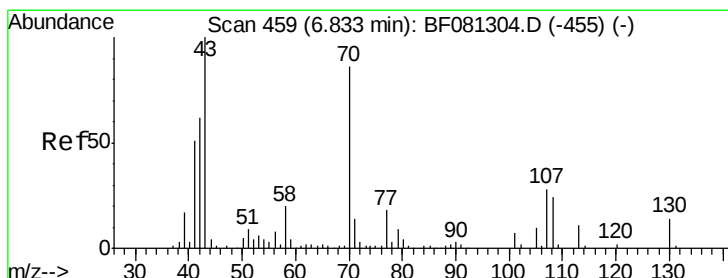
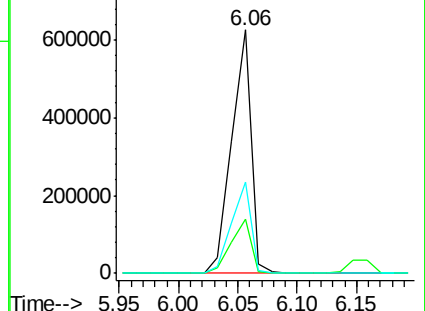
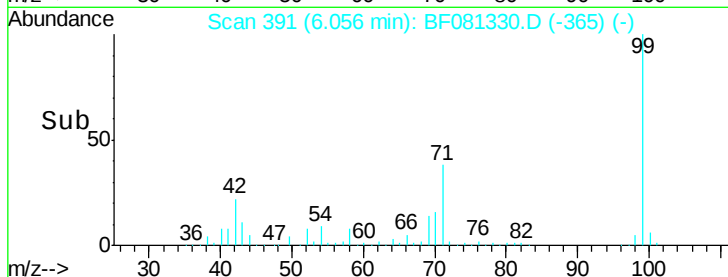
71 37.6 14.2 21.2#



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: 17.60 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.13 min

Lab File: BF081330.D

Acq: 2 Sep 2015 4:51

Tgt Ion: 70 Resp: 60407

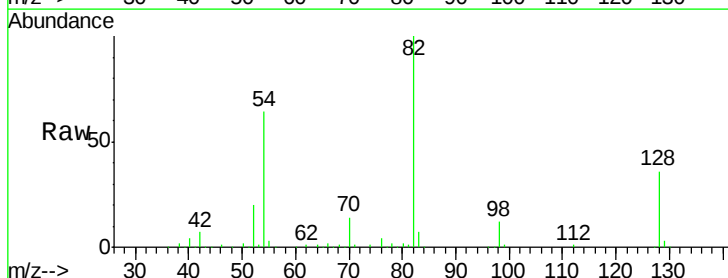
Ion Ratio Lower Upper

70 100

42 50.9 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

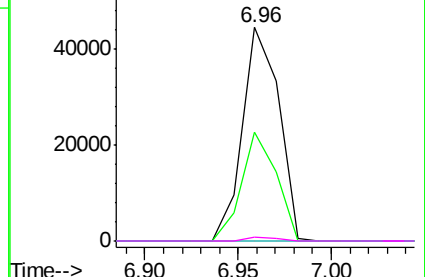
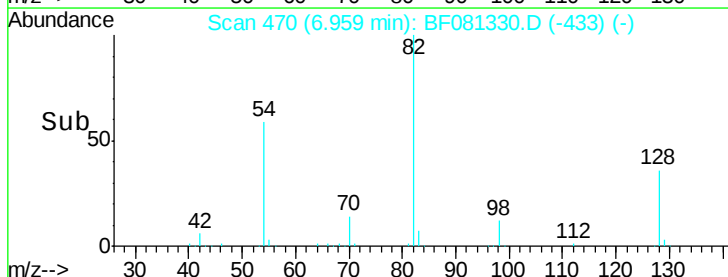


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081330.D

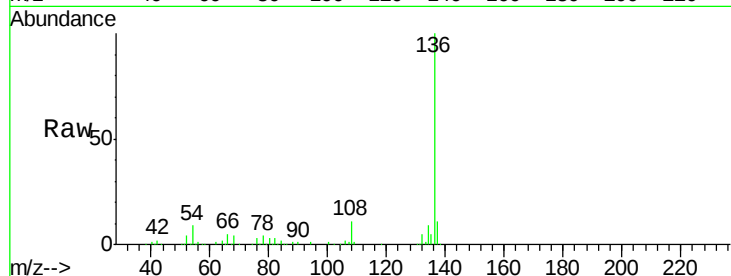
Acq: 2 Sep 2015 4:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	224756
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	9.0	8.2 12.2
68	4.1	5.8 8.6#

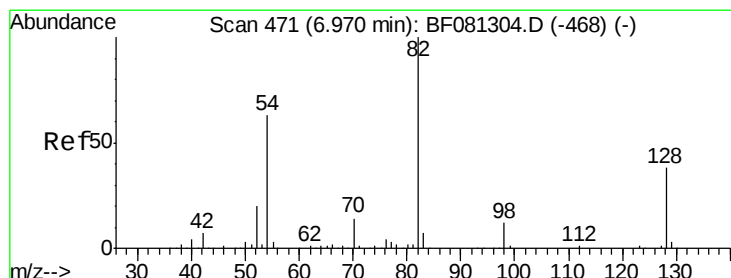
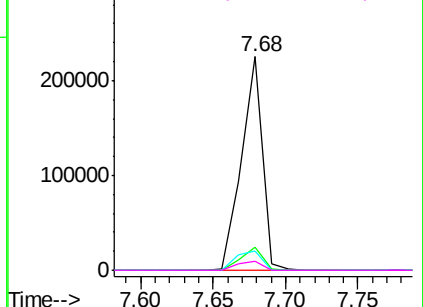
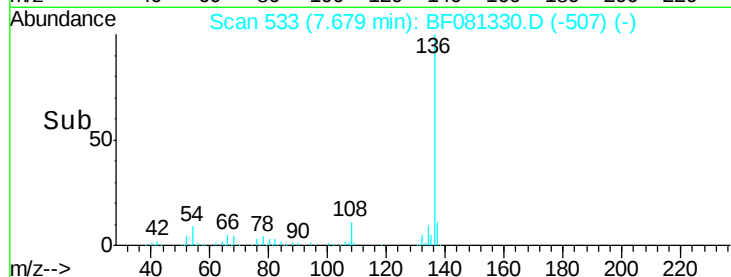


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.58 ng

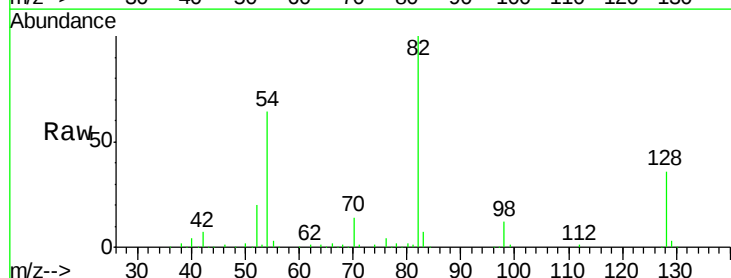
RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081330.D

Acq: 2 Sep 2015 4:51

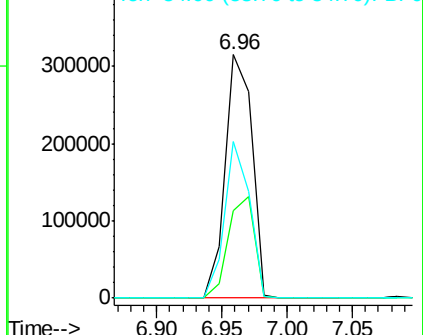
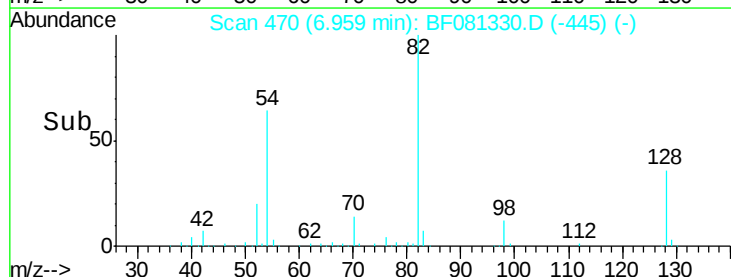
Tgt Ion: 82	Resp:	449907
Ion Ratio	Lower	Upper
82	100	
128	35.9	51.0 76.6#
54	64.4	47.5 71.3

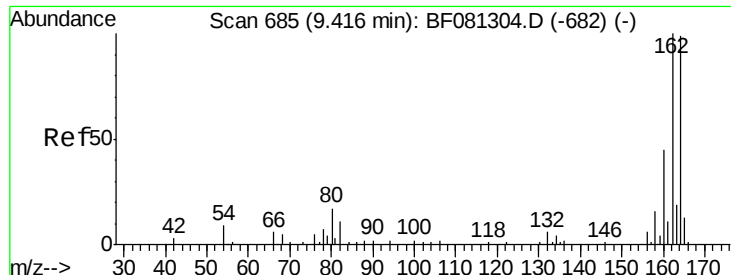


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081330.D

Acq: 2 Sep 2015 4:51

Instrument :

BNA_F

ClientSampleId :

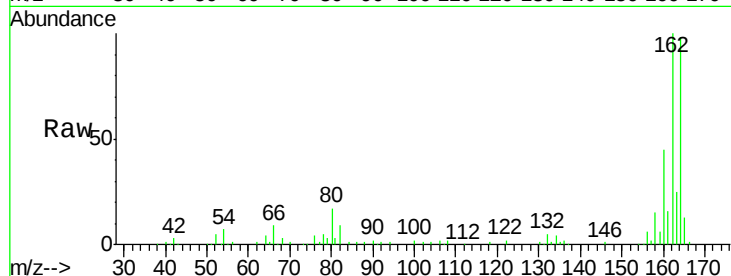
Tot Ion:164 Resp: 110998

Ion Ratio Lower Upper

164 100

162 102.5 75.2 112.8

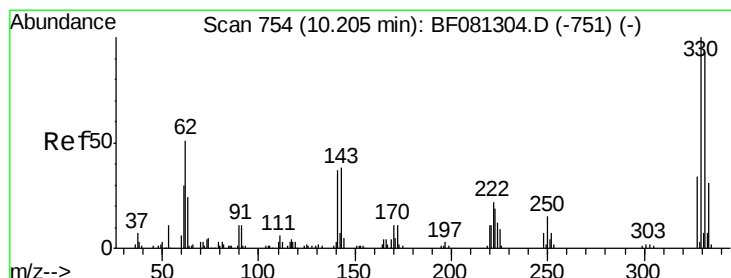
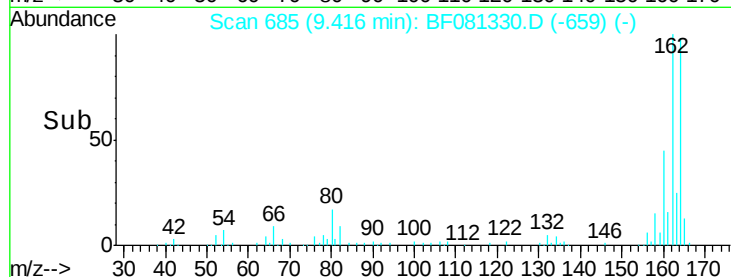
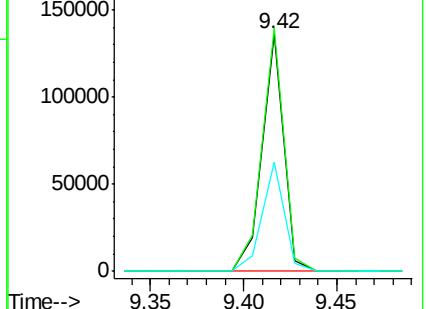
160 46.0 31.5 47.3



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: 135.64 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF081330.D

Acq: 2 Sep 2015 4:51

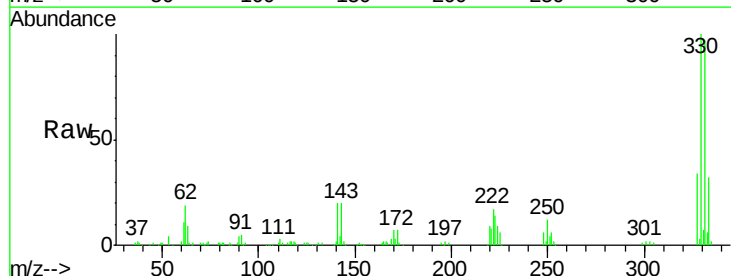
Tgt Ion:330 Resp: 134058

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

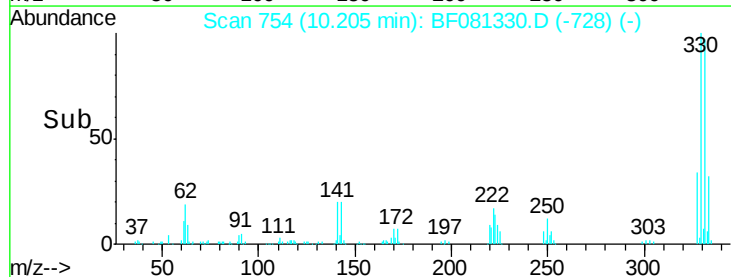
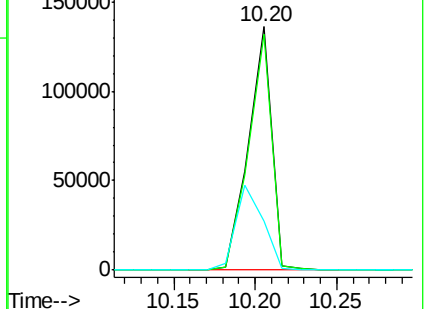
141 40.5 29.7 44.5



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

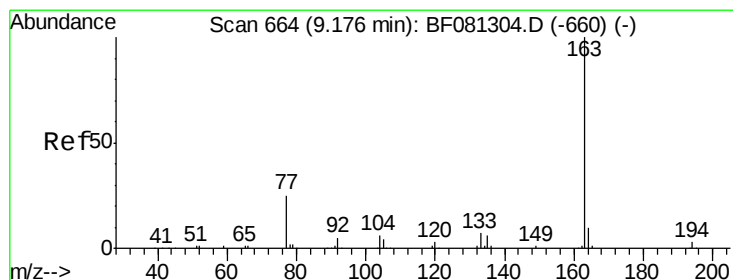
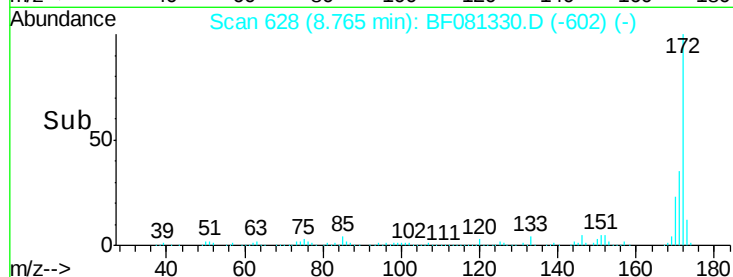
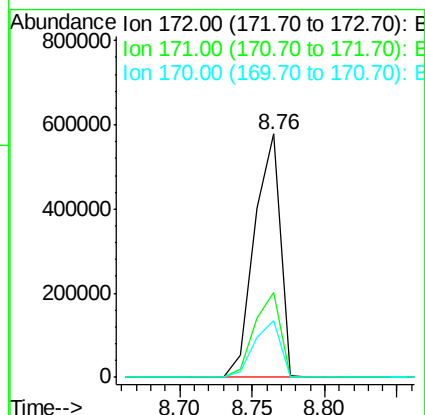
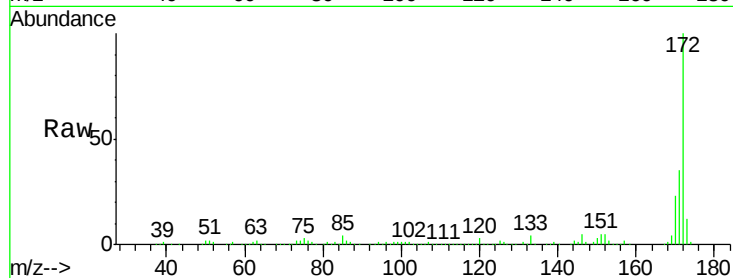




#44
2-Fluorobiphenyl
Concen: 82.30 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081330.D
Acq: 2 Sep 2015 4:51

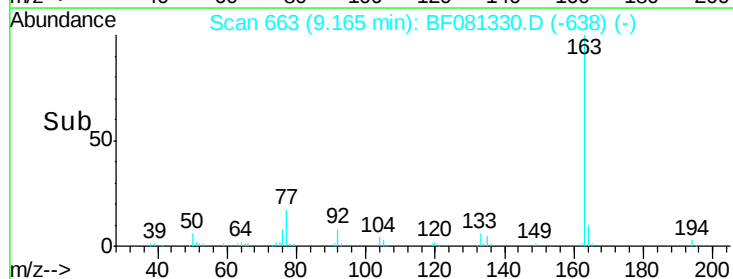
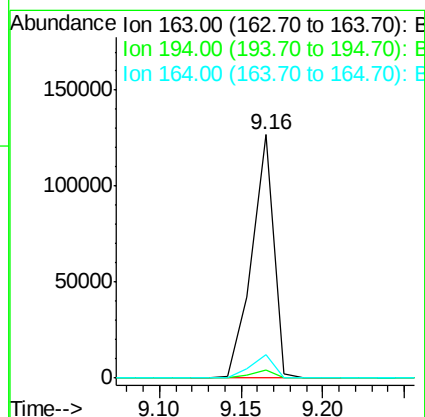
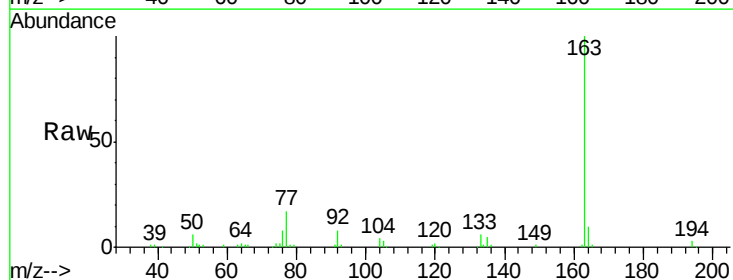
Instrument :
BNA_F
ClientSampleId :

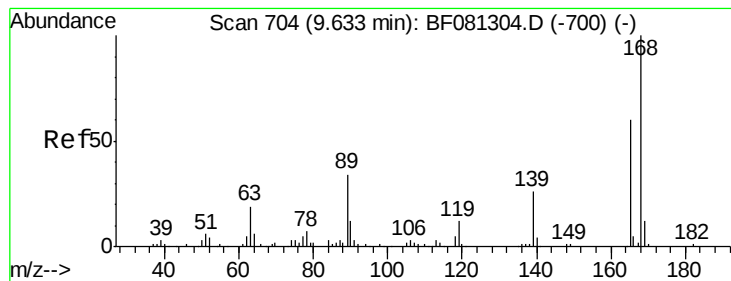
Tot Ion:172 Resp: 712866
Ion Ratio Lower Upper
172 100
171 34.9 26.1 39.1
170 23.5 17.4 26.2



#49
Dimethylphthalate
Concen: 13.71 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081330.D
Acq: 2 Sep 2015 4:51

Tgt Ion:163 Resp: 118211
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 9.7 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 5.69 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.22 min

Lab File: BF081330.D

Acq: 2 Sep 2015 4:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 14180

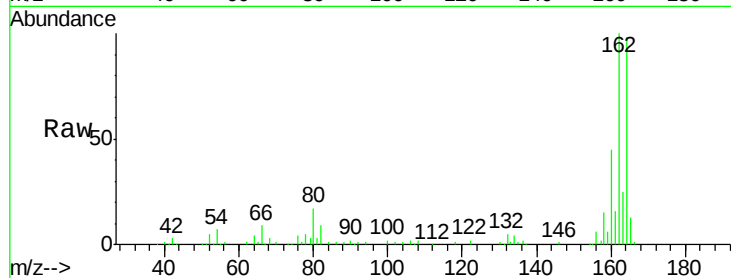
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

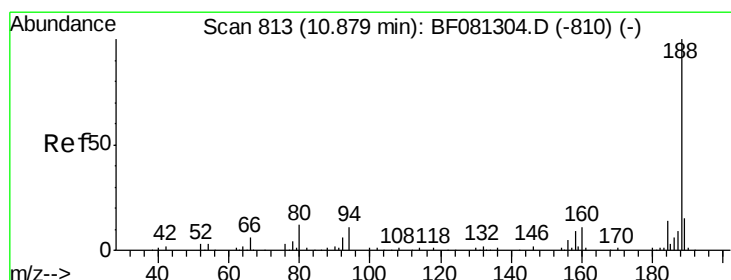
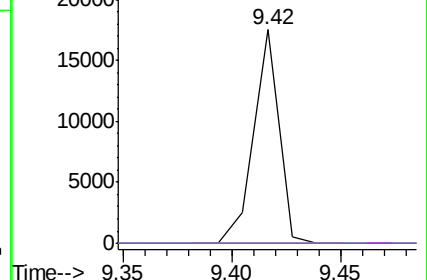
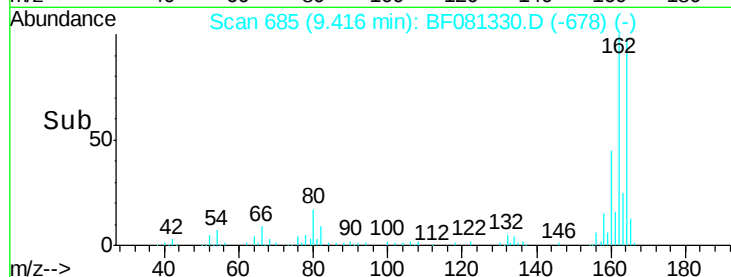


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.88 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF081330.D

Acq: 2 Sep 2015 4:51

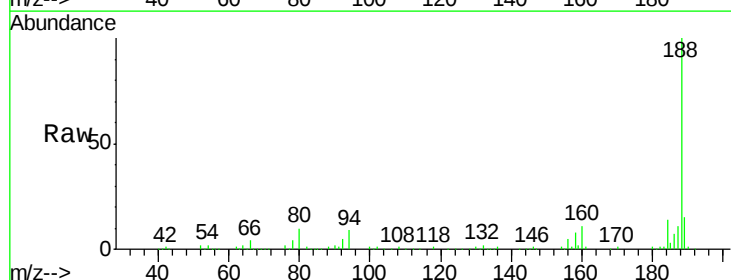
Tgt Ion:188 Resp: 207887

Ion Ratio Lower Upper

188 100

94 8.5 11.1 16.7#

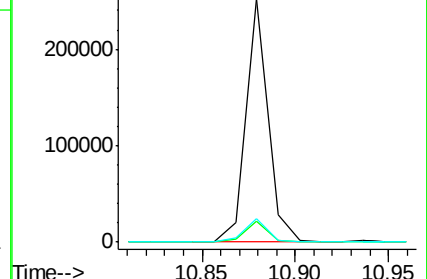
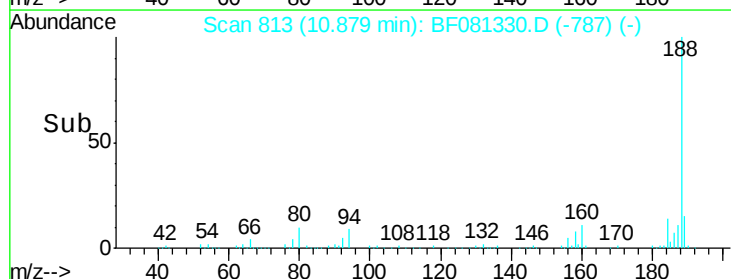
80 9.7 11.0 16.4#

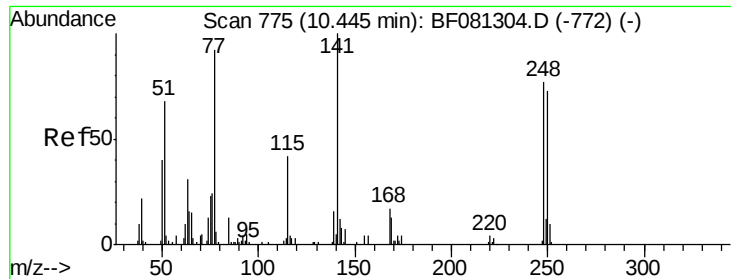


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

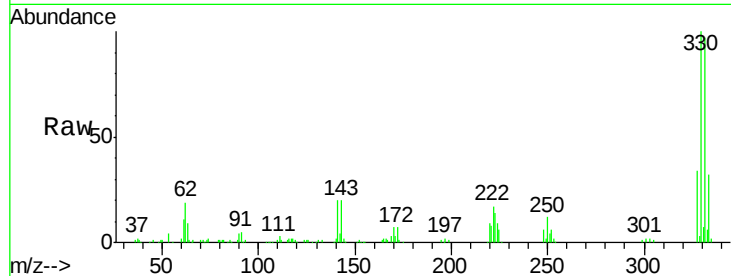




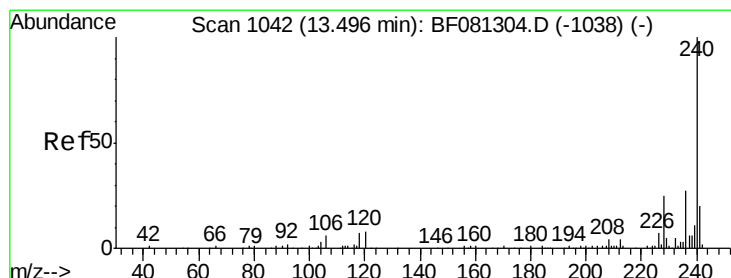
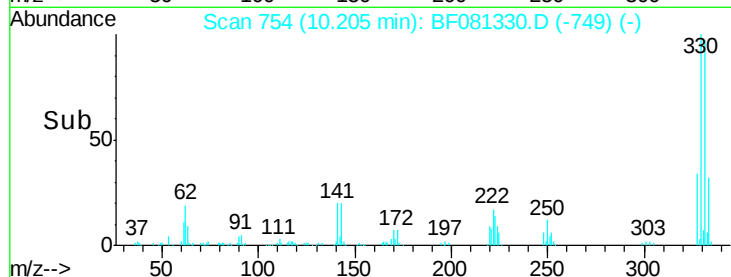
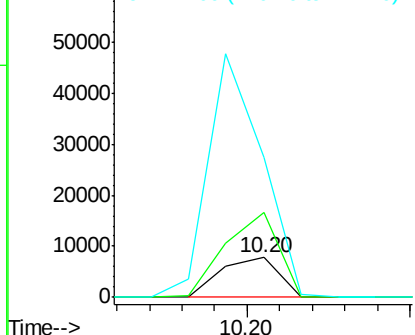
#66
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.24 min
Lab File: BF081330.D
Acq: 2 Sep 2015 4:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9474
Ion Ratio Lower Upper
248 100
250 214.4 78.5 117.7#
141 351.4 59.0 88.6#

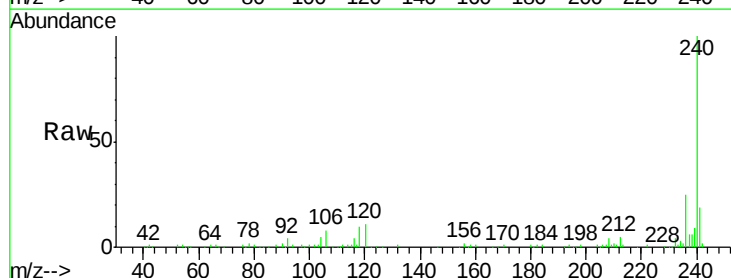


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

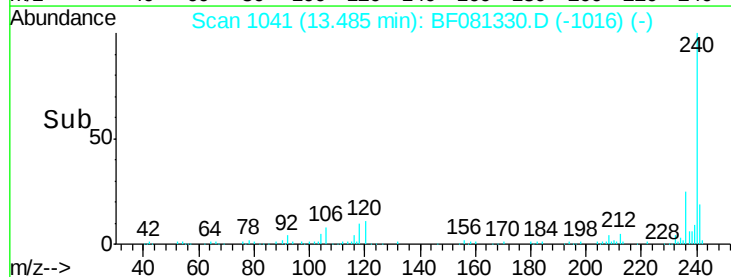
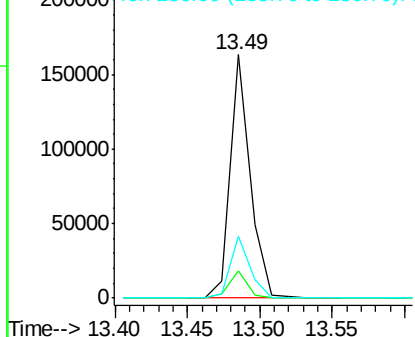


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081330.D
Acq: 2 Sep 2015 4:51

Tgt Ion:240 Resp: 155453
Ion Ratio Lower Upper
240 100
120 11.0 16.2 24.2#
236 25.3 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

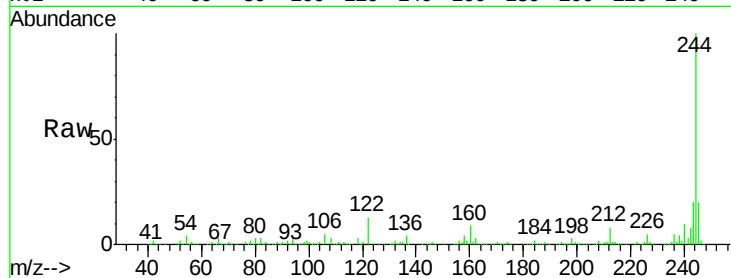




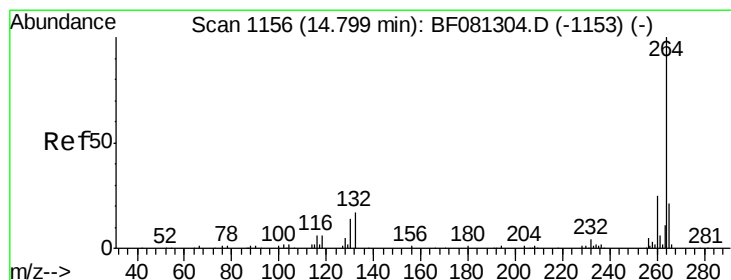
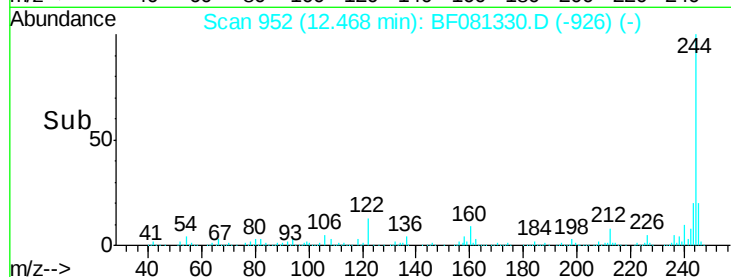
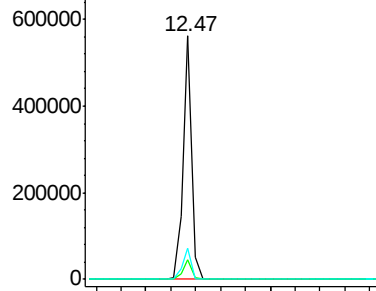
#78
 Terphenyl-d14
 Concen: 79.28 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081330.D
 Acq: 2 Sep 2015 4:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 529448
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 12.8 17.4 26.2#

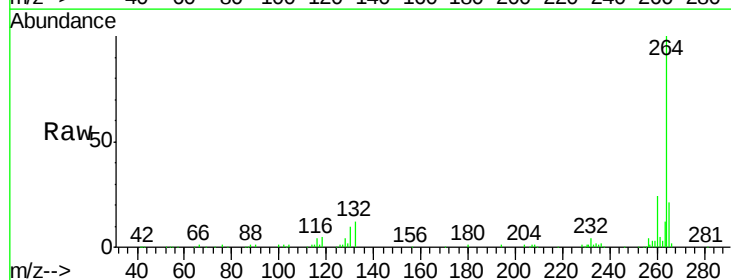


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081330.D
 Acq: 2 Sep 2015 4:51

Tgt Ion:264 Resp: 122375
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 20.7 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

