

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081324.D
 Acq On : 2 Sep 2015 1:46
 Operator : UM/IZ
 Sample : G3479-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 02:44:44 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

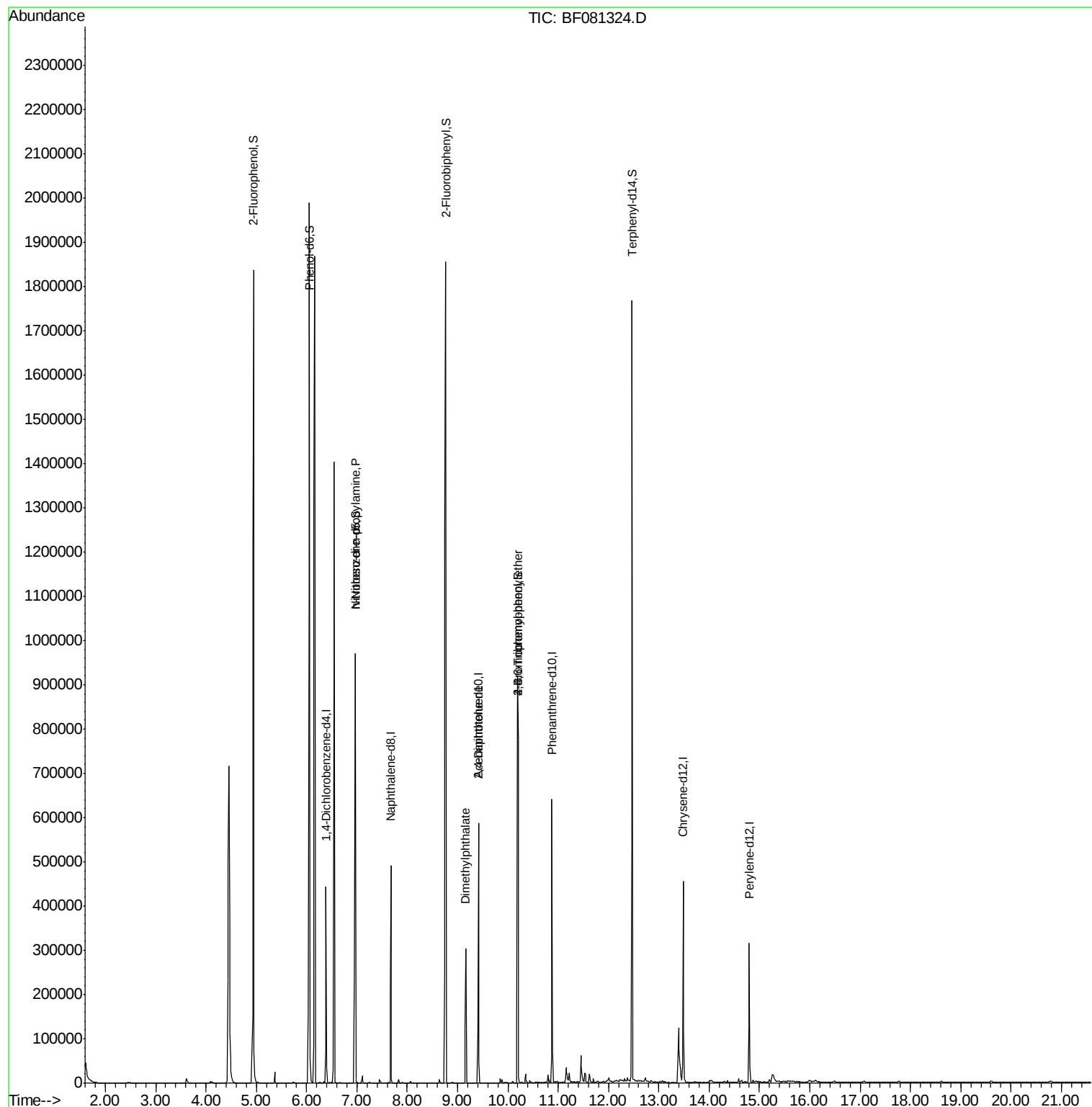
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	60807	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	237872	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	110581	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	210804	20.00	ng	0.00
75) Chrysene-d12	13.49	240	157622	20.00	ng	-0.01
86) Perylene-d12	14.80	264	126994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	573558	146.35	ng	0.02
7) Phenol-d6	6.06	99	756509	145.83	ng	0.00
23) Nitrobenzene-d5	6.97	82	495154	100.43	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	140377	142.57	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	798918	92.58	ng	0.00
78) Terphenyl-d14	12.47	244	528019	77.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.97	70	66218	18.75	ng	# 56
49) Dimethylphthalate	9.16	163	132961	15.48	ng	# 97
56) 2,4-Dinitrotoluene	9.42	165	14227	5.73	ng	# 31
66) 4-Bromophenyl-phenylether	10.20	248	10365	4.86	ng	# 1

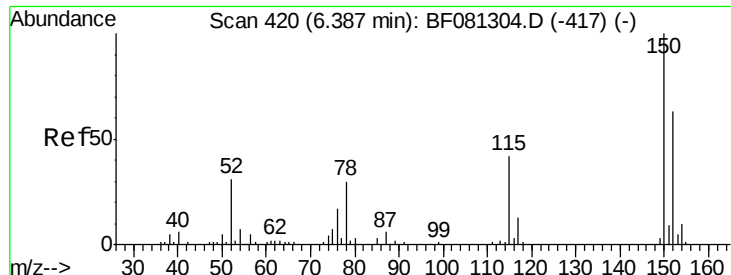
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081324.D

Acq: 2 Sep 2015 1:46

Instrument :

BNA_F

ClientSampleId :

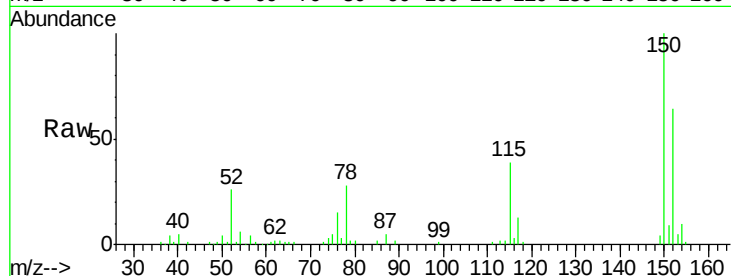
Tot Ion:152 Resp: 60807

Ion Ratio Lower Upper

152 100

150 155.5 124.7 187.1

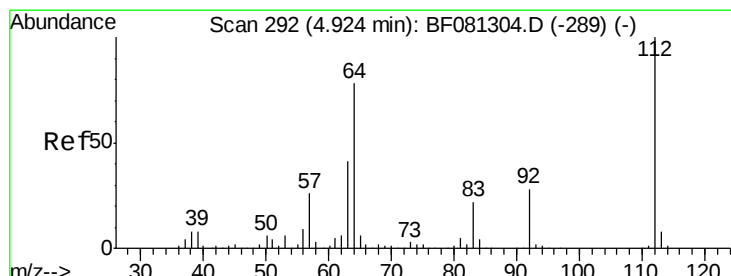
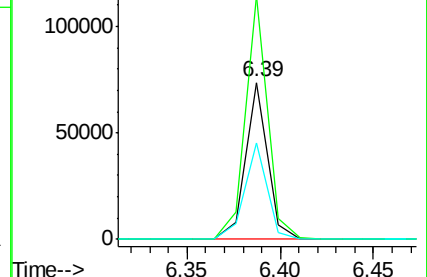
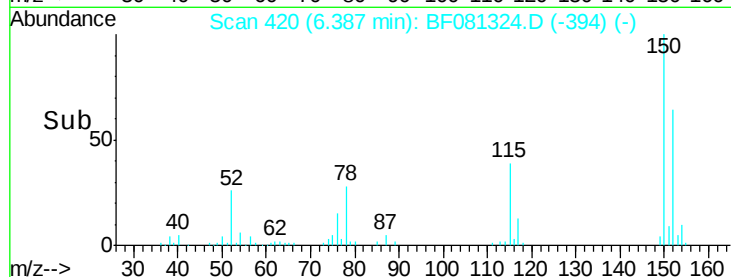
115 61.4 39.0 58.4#



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: 146.35 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081324.D

Acq: 2 Sep 2015 1:46

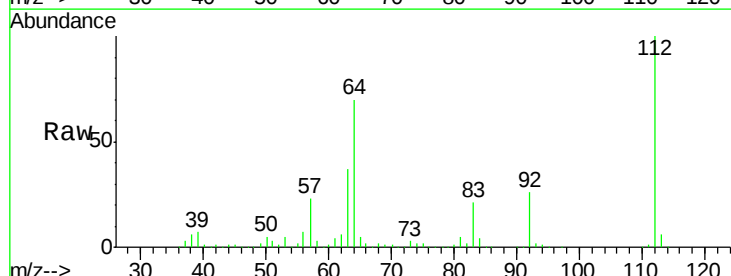
Tgt Ion:112 Resp: 573558

Ion Ratio Lower Upper

112 100

64 69.9 39.7 59.5#

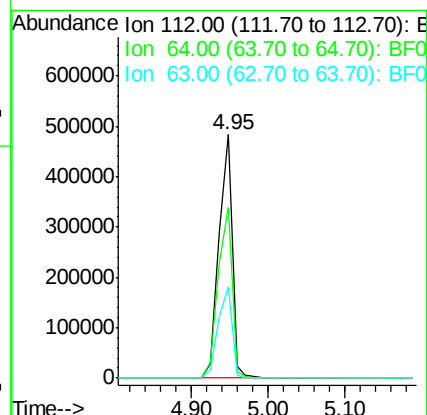
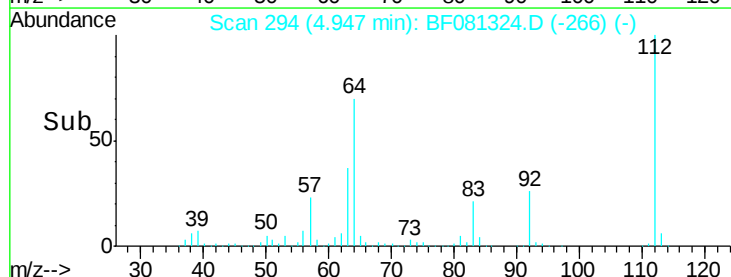
63 37.3 17.4 26.0#

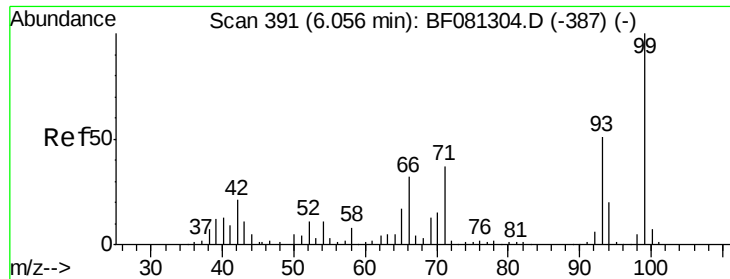


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.83 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081324.D

Acq: 2 Sep 2015 1:46

Instrument :

BNA_F

ClientSampleId :

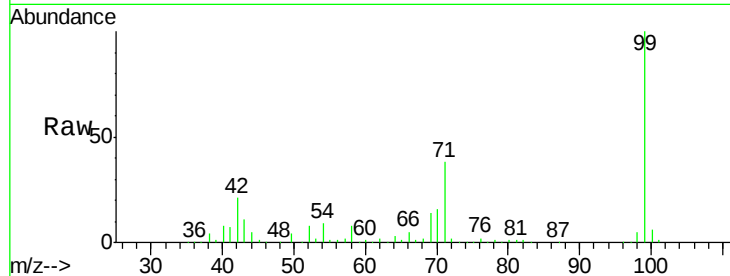
Tot Ion: 99 Resp: 756509

Ion Ratio Lower Upper

99 100

42 21.5 13.7 20.5#

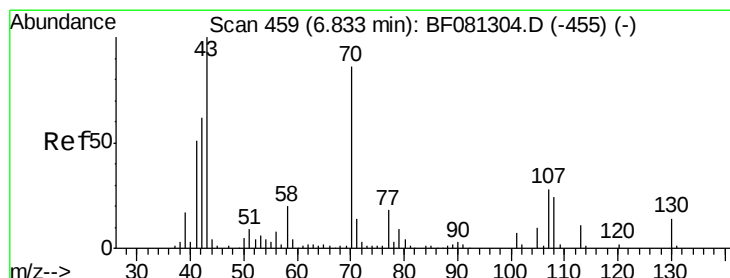
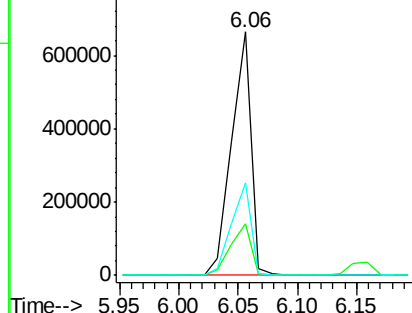
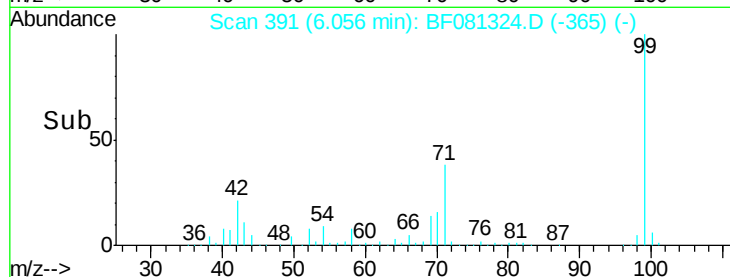
71 38.0 14.2 21.2#



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: 18.75 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.14 min

Lab File: BF081324.D

Acq: 2 Sep 2015 1:46

Tgt Ion: 70 Resp: 66218

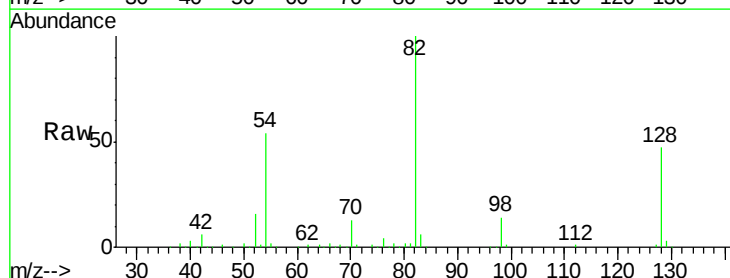
Ion Ratio Lower Upper

70 100

42 43.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

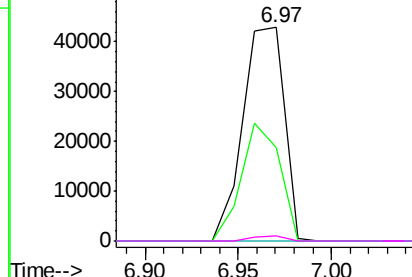
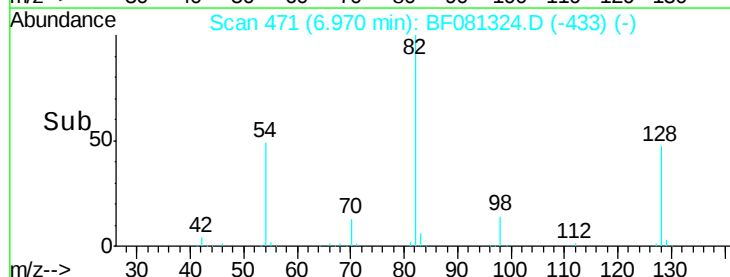


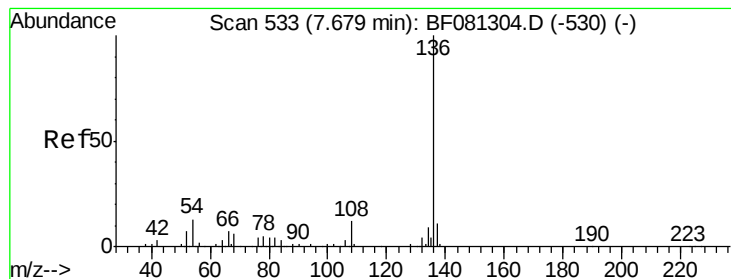
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF081324.D

Acq: 2 Sep 2015 1:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 237872

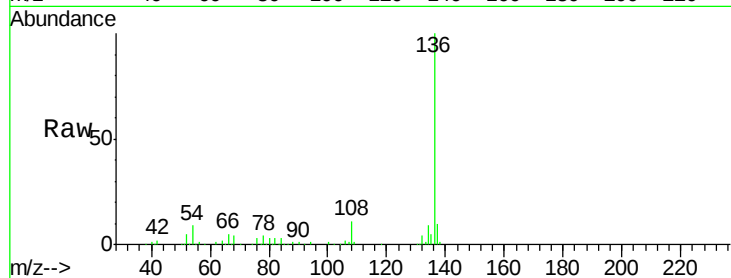
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.6

54 9.1 8.2 12.2

68 4.4 5.8 8.6#

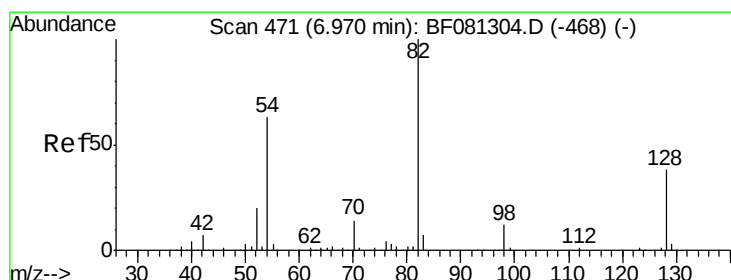
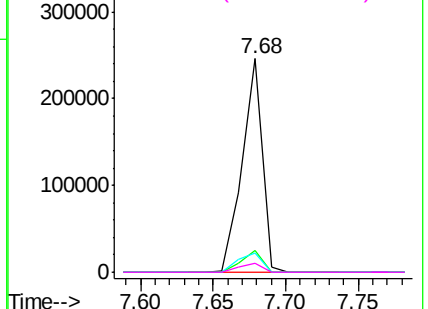
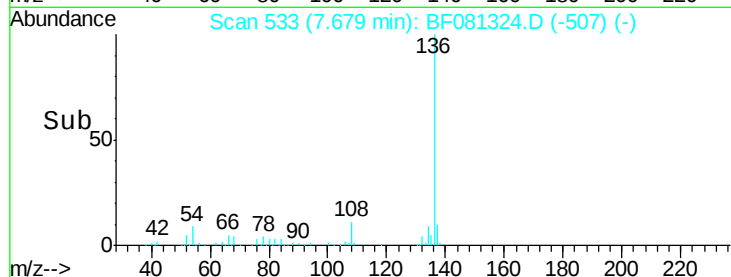


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.43 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081324.D

Acq: 2 Sep 2015 1:46

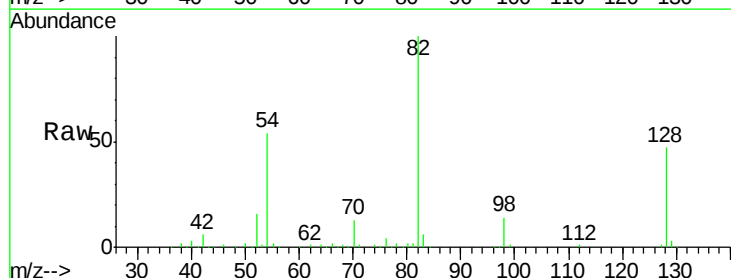
Tgt Ion: 82 Resp: 495154

Ion Ratio Lower Upper

82 100

128 47.3 51.0 76.6#

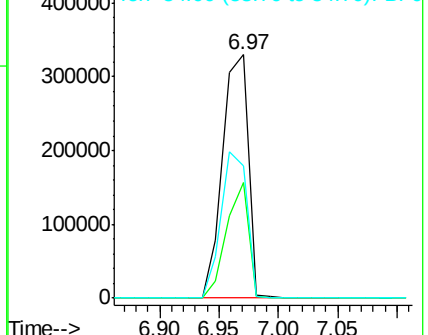
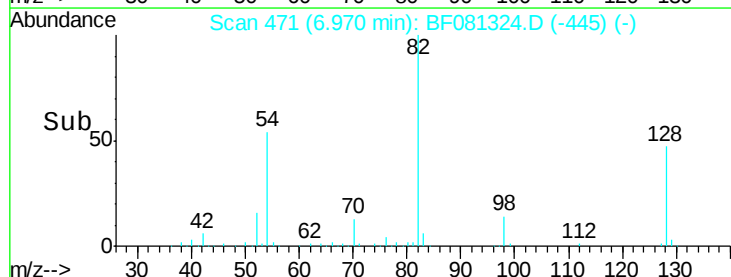
54 54.5 47.5 71.3

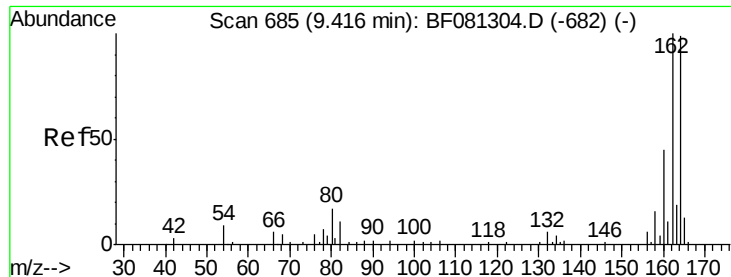


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081324.D

Acq: 2 Sep 2015 1:46

Instrument :

BNA_F

ClientSampleId :

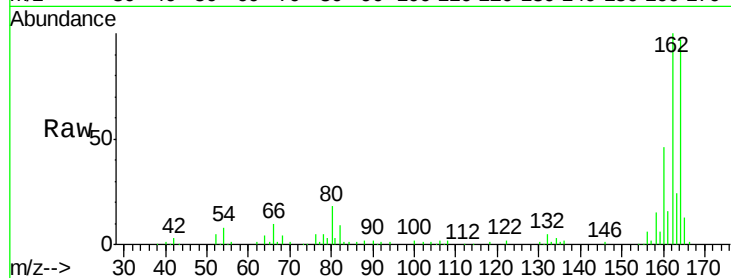
Tot Ion:164 Resp: 110581

Ion Ratio Lower Upper

164 100

162 103.3 75.2 112.8

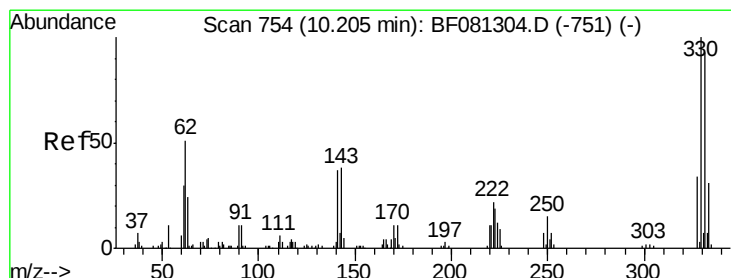
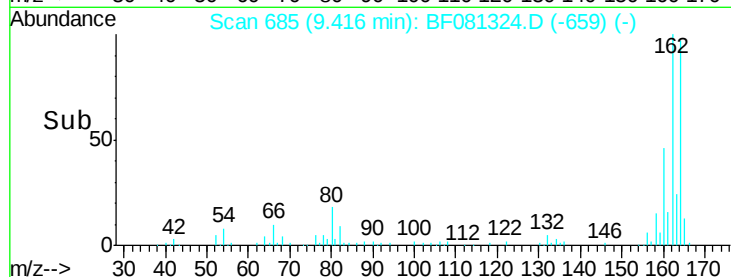
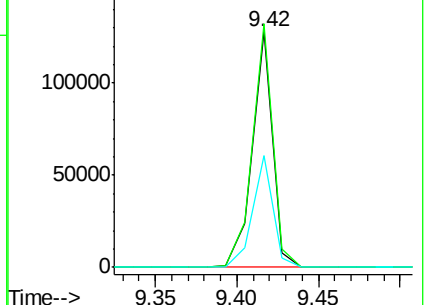
160 47.2 31.5 47.3



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: 142.57 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF081324.D

Acq: 2 Sep 2015 1:46

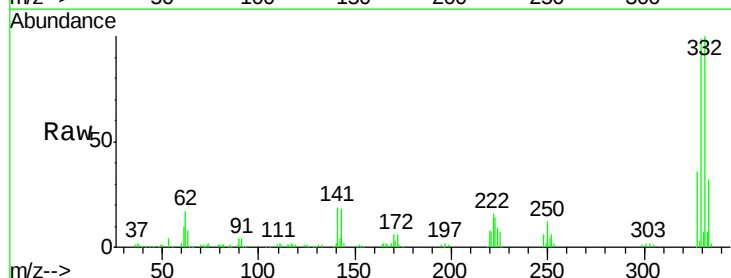
Tgt Ion:330 Resp: 140377

Ion Ratio Lower Upper

330 100

332 99.3 76.6 114.8

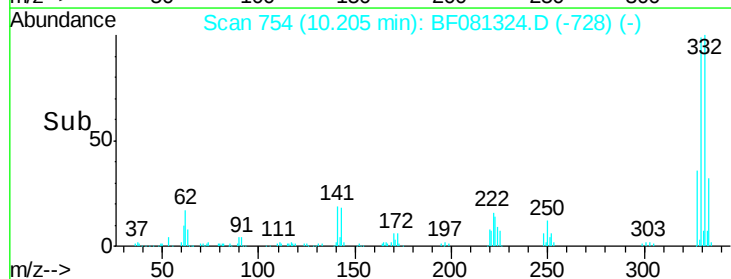
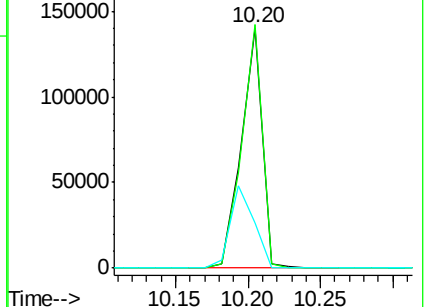
141 39.6 29.7 44.5

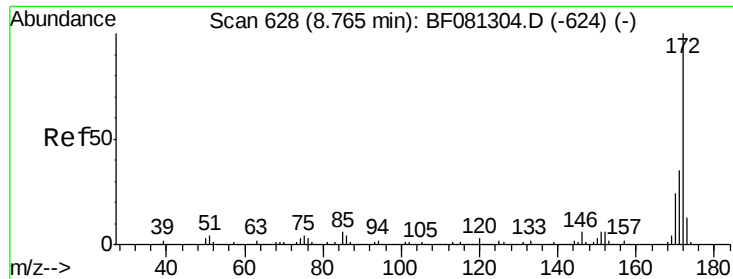


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

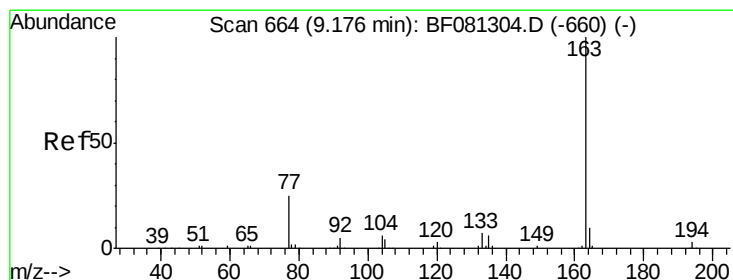
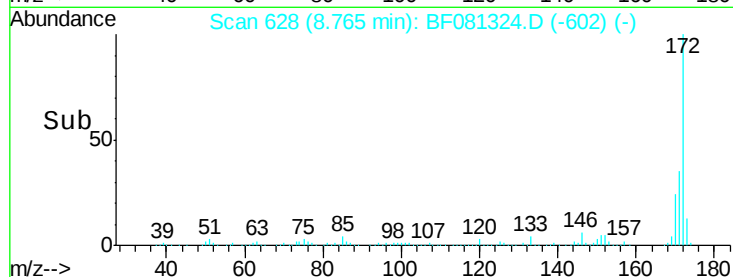
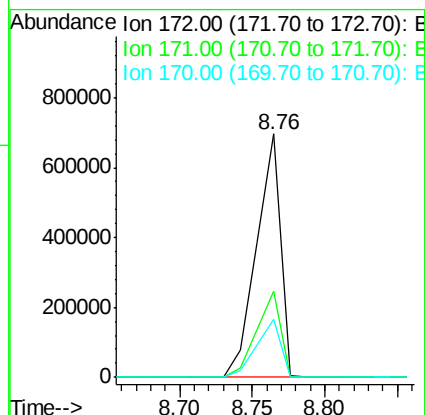
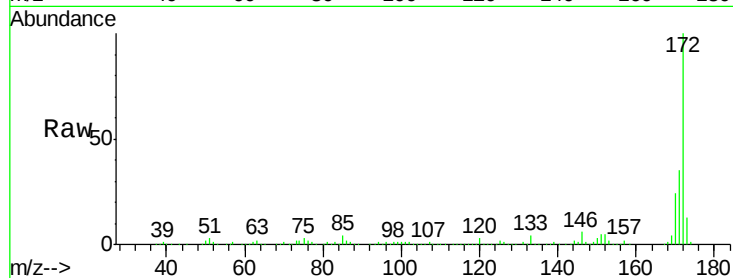




#44
2-Fluorobiphenyl
Concen: 92.58 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081324.D
Acq: 2 Sep 2015 1:46

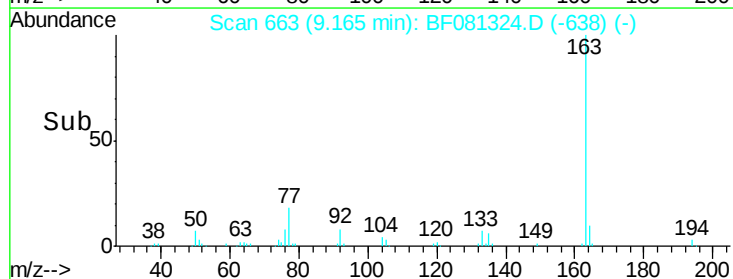
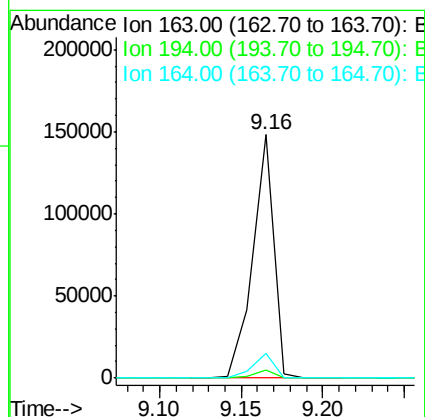
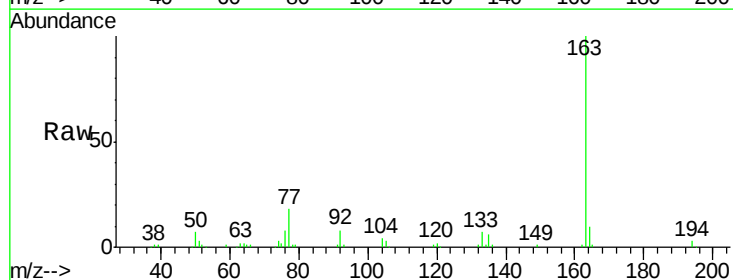
Instrument :
BNA_F
ClientSampleId :

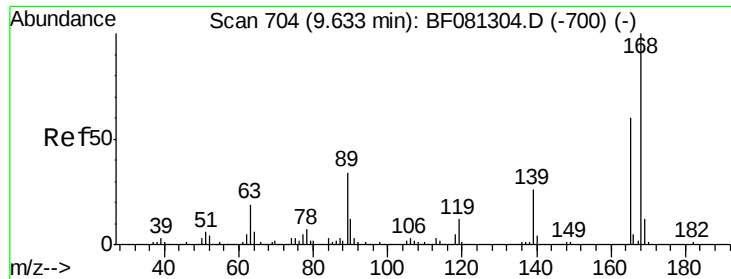
Tot Ion:172 Resp: 798918
Ion Ratio Lower Upper
172 100
171 35.4 26.1 39.1
170 23.8 17.4 26.2



#49
Dimethylphthalate
Concen: 15.48 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081324.D
Acq: 2 Sep 2015 1:46

Tgt Ion:163 Resp: 132961
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 10.0 8.3 12.5

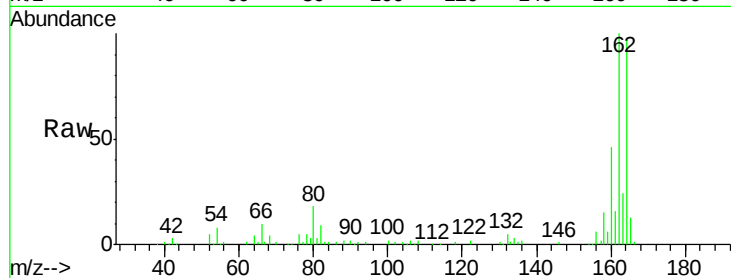




#56
 2,4-Dinitrotoluene
 Concen: 5.73 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.22 min
 Lab File: BF081324.D
 Acq: 2 Sep 2015 1:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	14227
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#

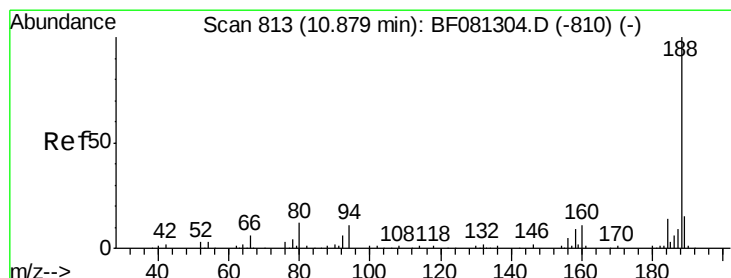
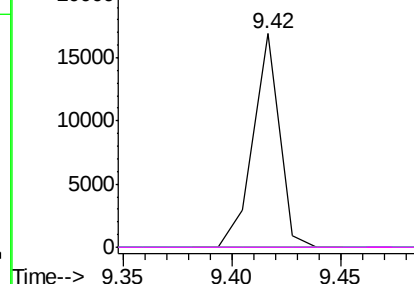
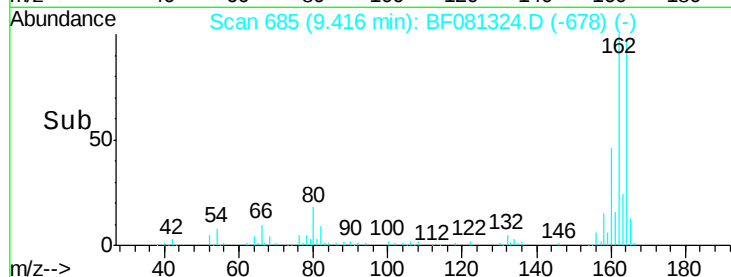


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

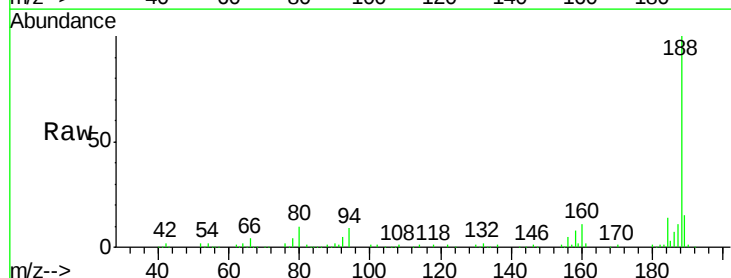
Ion 89.00 (88.70 to 89.70): BF0

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: BF081324.D
 Acq: 2 Sep 2015 1:46

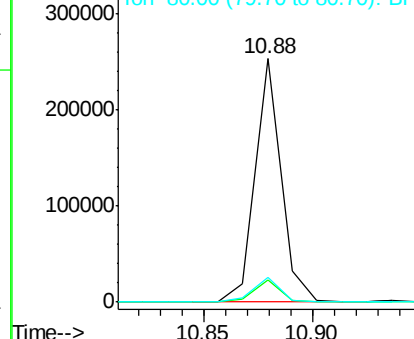
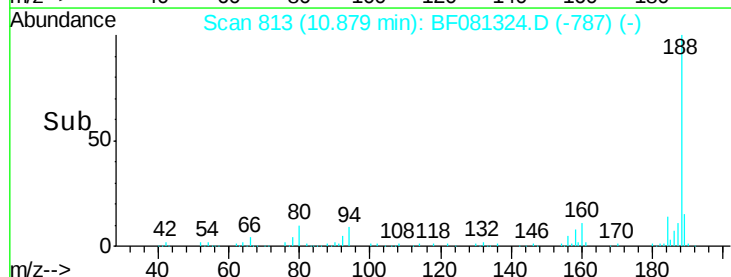
Tgt Ion:	188	Resp:	210804
Ion Ratio	Lower	Upper	
188	100		
94	9.3	11.1	16.7#
80	10.2	11.0	16.4#

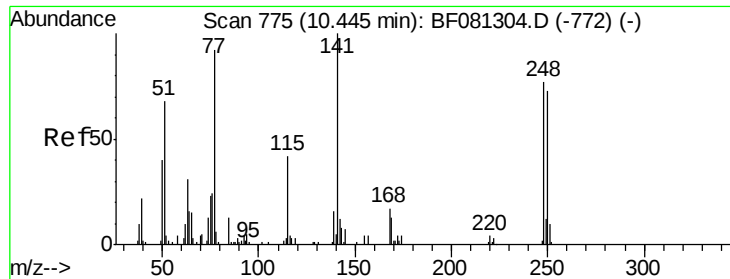


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

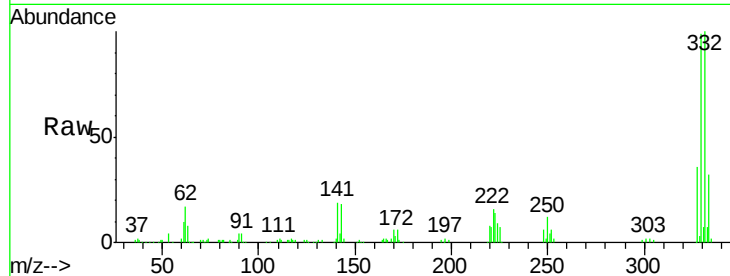




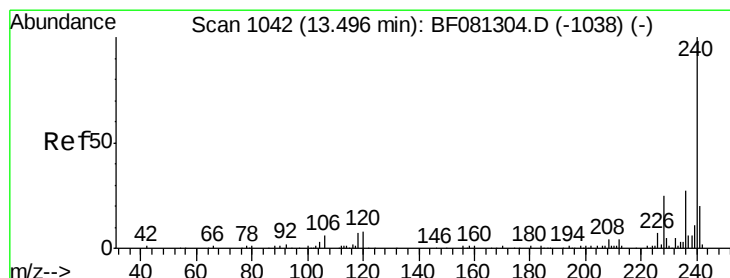
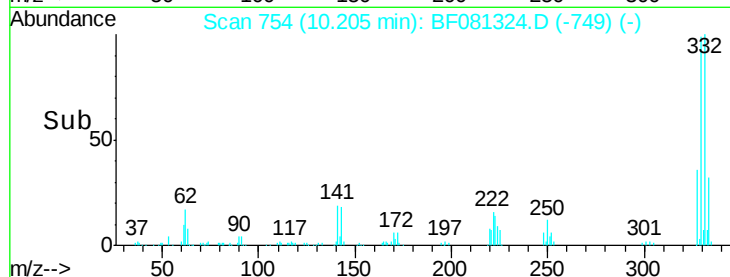
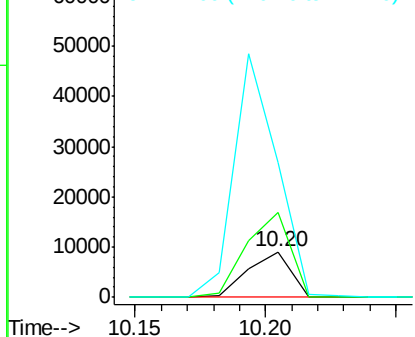
#66
 4-Bromophenyl-phenylether
 Concen: 4.86 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.24 min
 Lab File: BF081324.D
 Acq: 2 Sep 2015 1:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10365
 Ion Ratio Lower Upper
 248 100
 250 187.7 78.5 117.7#
 141 295.9 59.0 88.6#

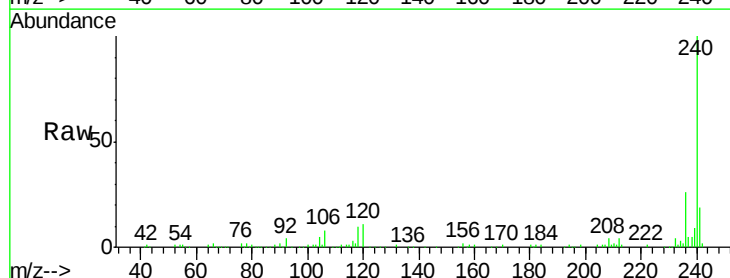


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

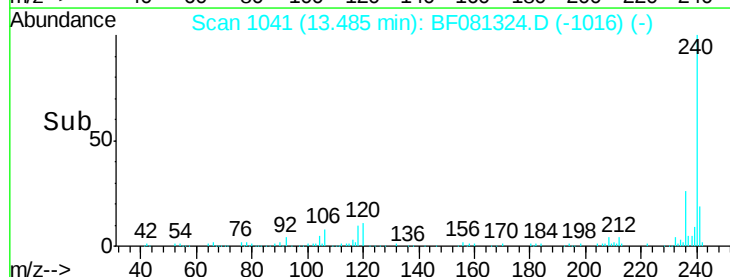
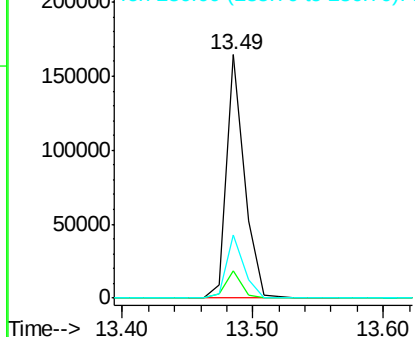


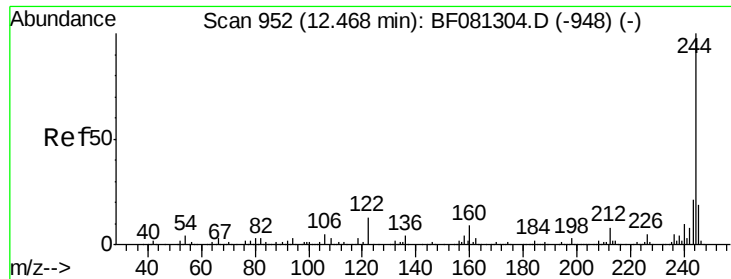
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF081324.D
 Acq: 2 Sep 2015 1:46

Tgt Ion:240 Resp: 157622
 Ion Ratio Lower Upper
 240 100
 120 11.4 16.2 24.2#
 236 26.0 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

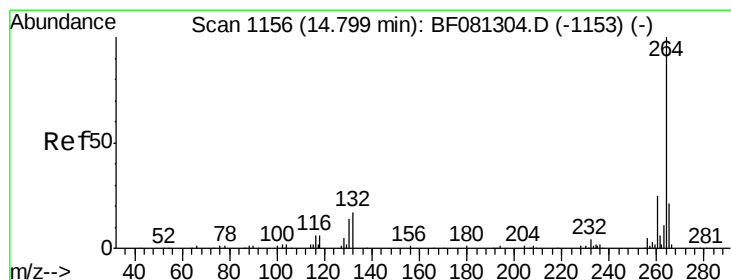
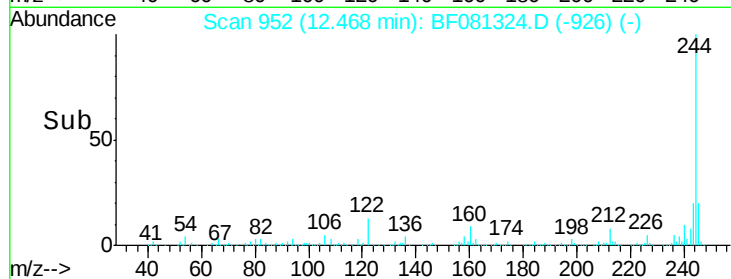
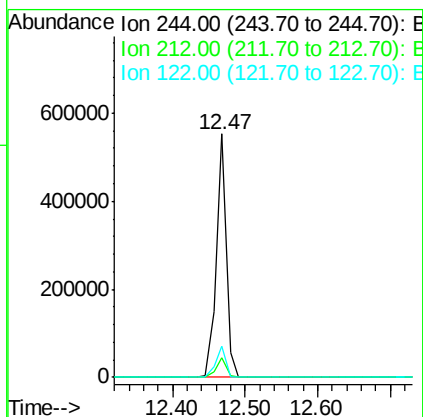
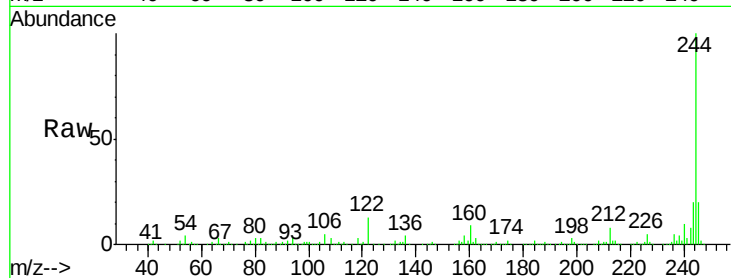




#78
 Terphenyl-d14
 Concen: 77.98 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081324.D
 Acq: 2 Sep 2015 1:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 528019
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 12.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081324.D
 Acq: 2 Sep 2015 1:46

Tgt Ion:264 Resp: 126994
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 21.2 17.2 25.8

