

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081447.D
 Acq On : 5 Sep 2015 5:36
 Operator : UM/IZ
 Sample : G3526-18
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:58:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:54:57 2015
 Response via : Initial Calibration

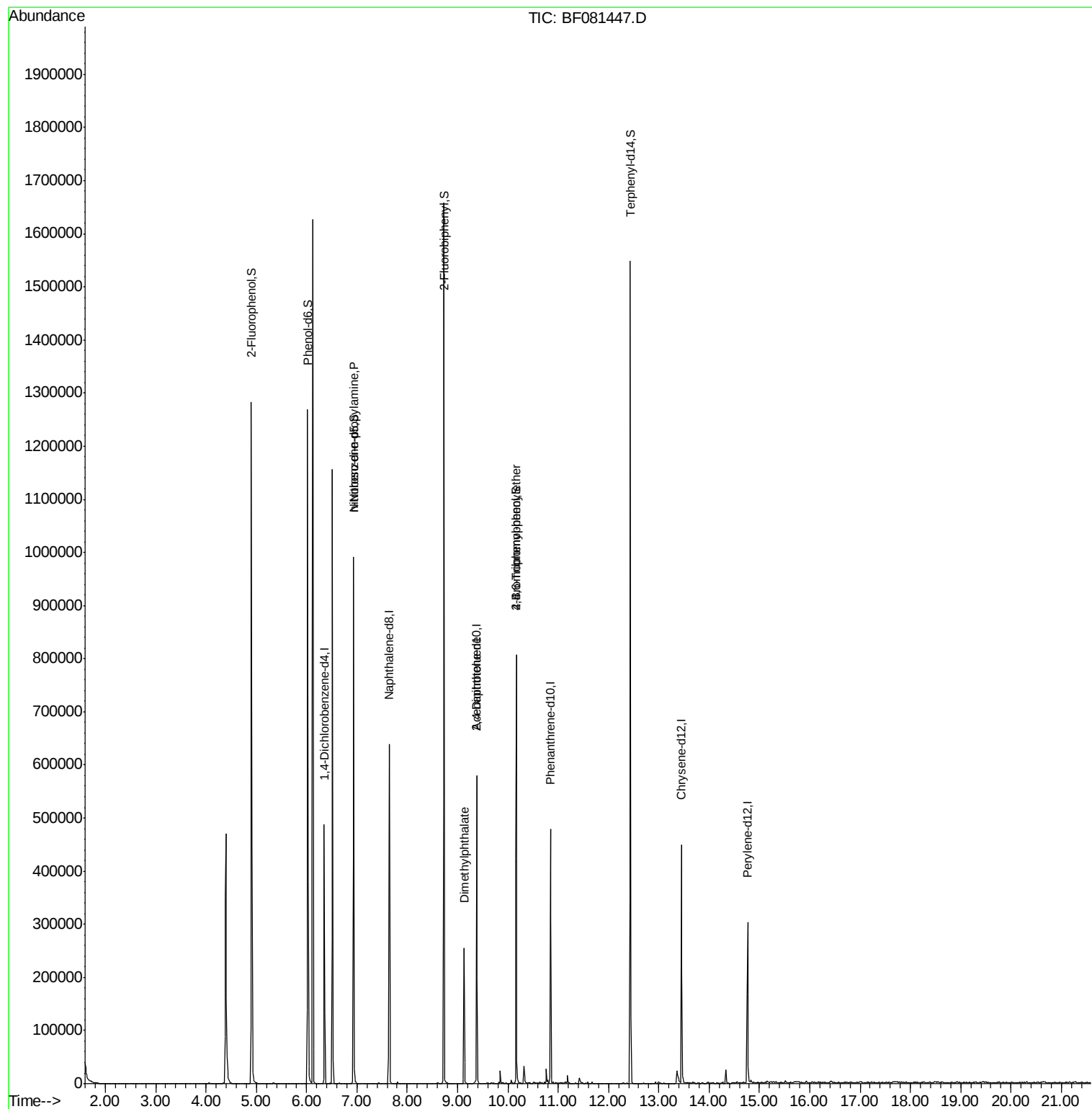
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	68757	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	255044	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	120315	20.00	ng	-0.01
63) Phenanthrene-d10	10.85	188	223982	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	183612	20.00	ng	-0.01
86) Perylene-d12	14.77	264	137650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	337439	76.14	ng	0.00
7) Phenol-d6	6.02	99	424213	72.32	ng	-0.01
23) Nitrobenzene-d5	6.94	82	337816	63.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	91465	85.38	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	521035	55.50	ng	0.00
78) Terphenyl-d14	12.43	244	446539	56.61	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	45749	11.46	ng	# 61
49) Dimethylphthalate	9.13	163	90414	9.67	ng	# 96
56) 2,4-Dinitrotoluene	9.38	165	14562	5.39	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	6713	2.96	ng	# 1

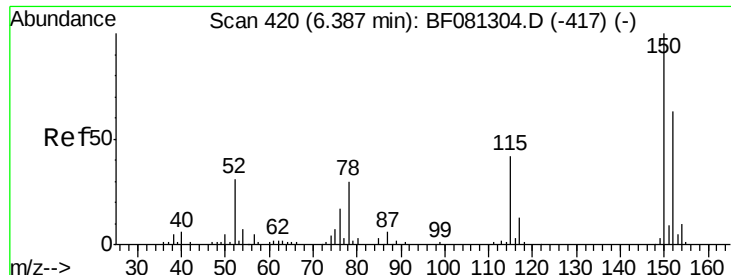
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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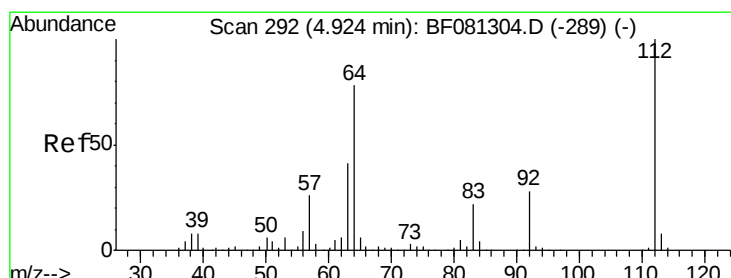
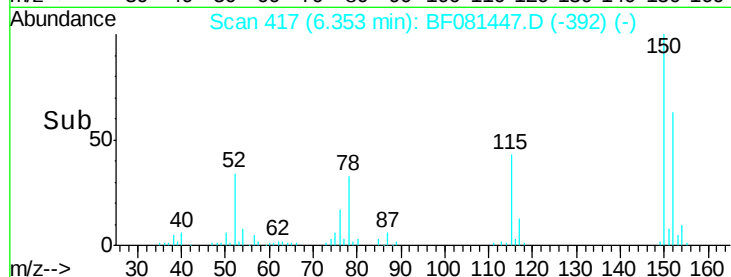
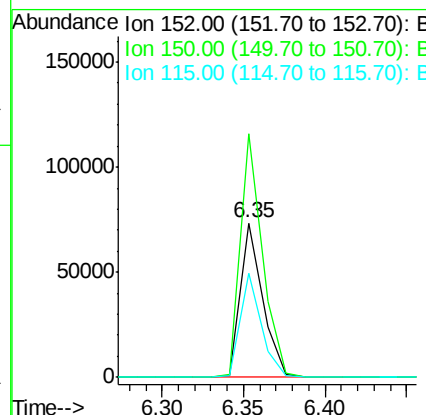
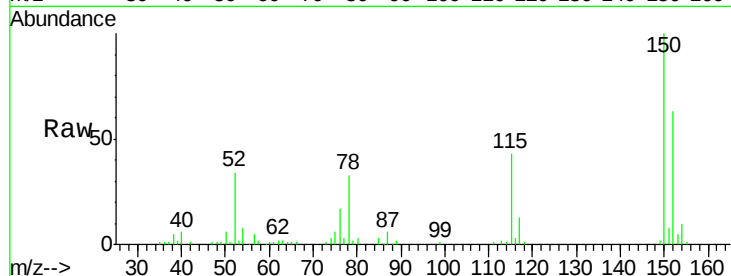




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.35 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF081447.D
 Acq: 5 Sep 2015 5:36

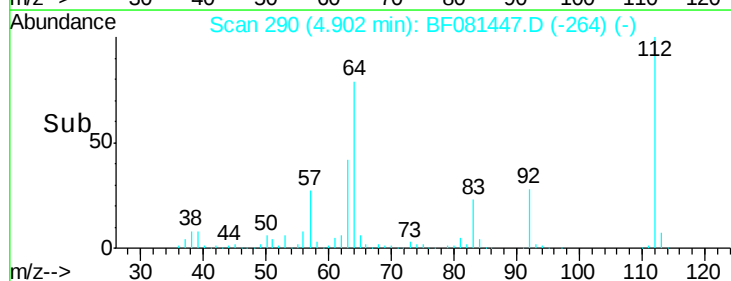
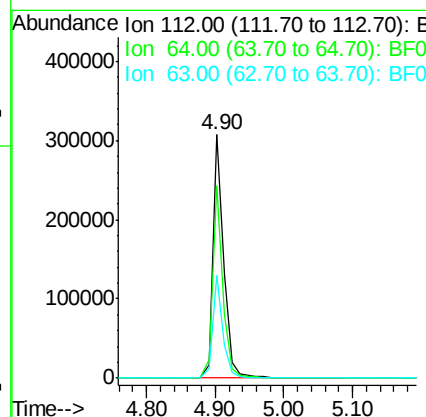
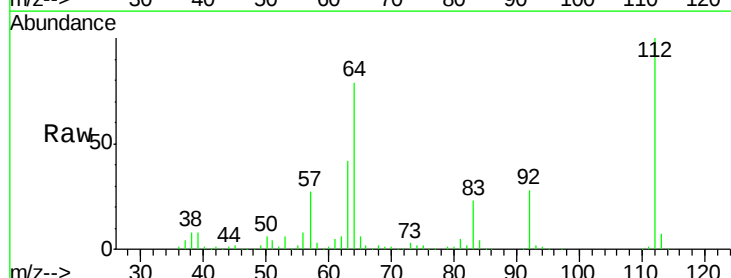
Instrument :
 BNA_F
 ClientSampleId :

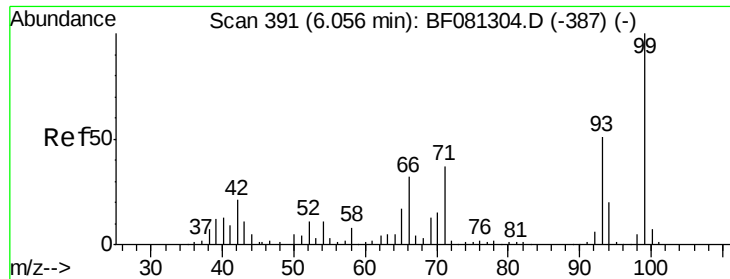
Tot Ion:152 Resp: 68757
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.7 187.1
 115 67.3 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 76.14 ng
 RT: 4.90 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: BF081447.D
 Acq: 5 Sep 2015 5:36

Tgt Ion:112 Resp: 337439
 Ion Ratio Lower Upper
 112 100
 64 79.0 39.7 59.5#
 63 42.2 17.4 26.0#





#7

Phenol-d6

Concen: 72.32 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081447.D

Acq: 5 Sep 2015 5:36

Instrument :

BNA_F

ClientSampled :

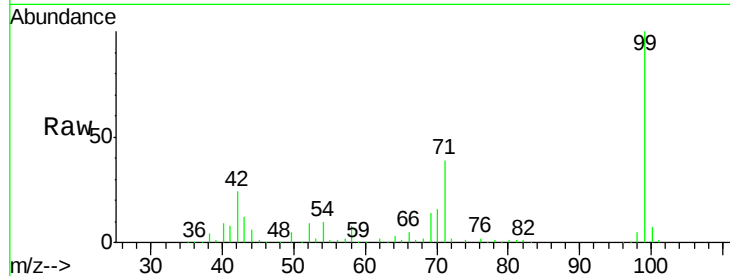
Tot Ion: 99 Resp: 424213

Ion Ratio Lower Upper

99 100

42 24.0 13.7 20.5#

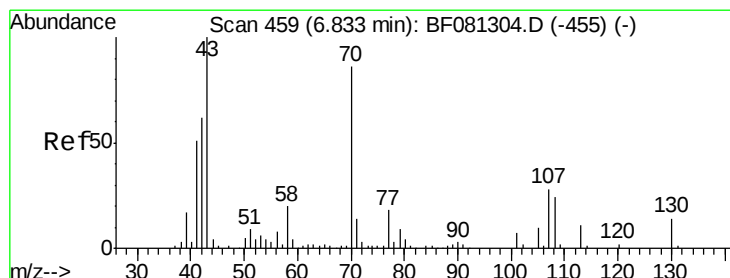
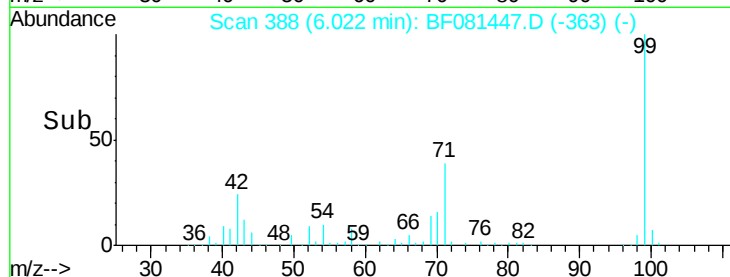
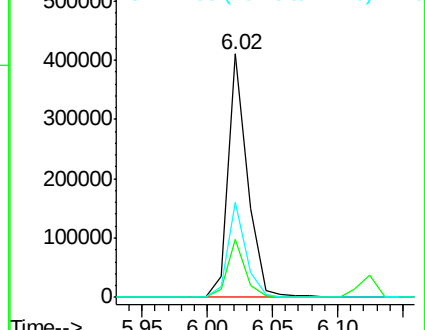
71 39.0 14.2 21.2#



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: 11.46 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081447.D

Acq: 5 Sep 2015 5:36

Tgt Ion: 70 Resp: 45749

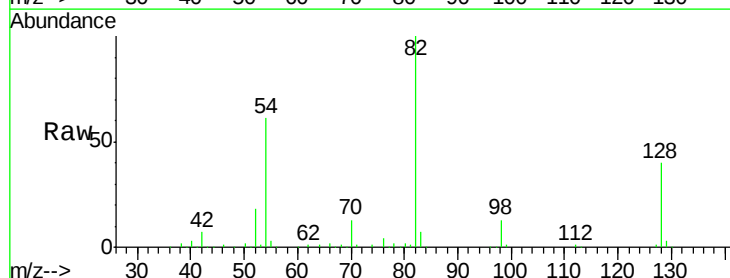
Ion Ratio Lower Upper

70 100

42 49.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

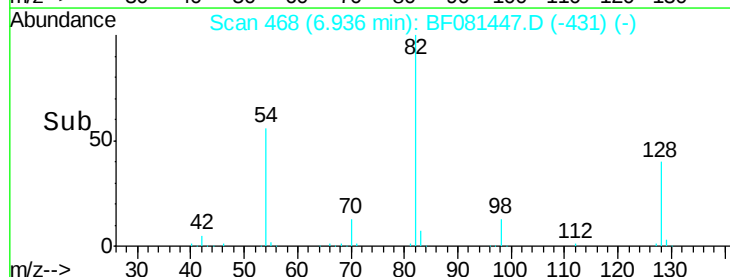
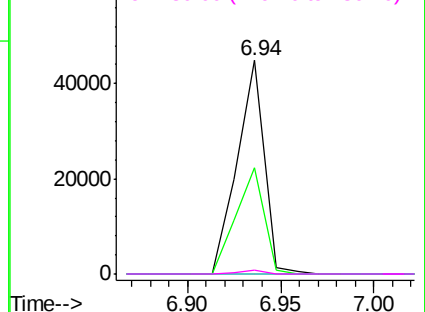


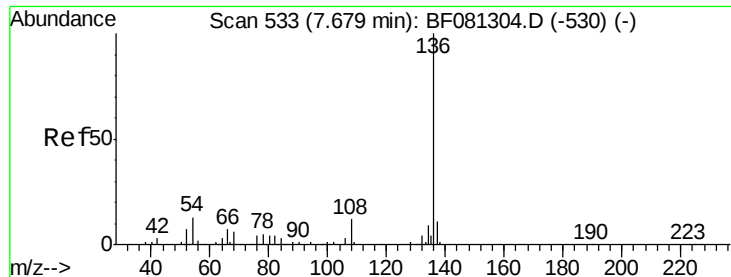
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081447.D

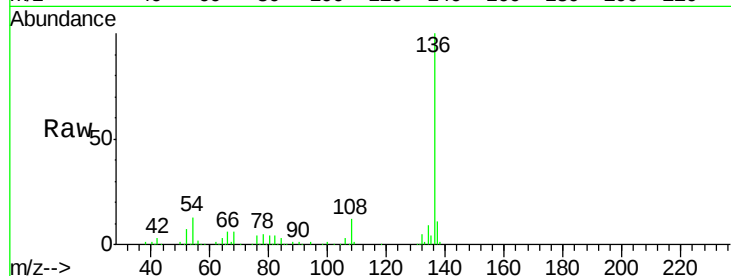
Acq: 5 Sep 2015 5:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	255044
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	12.7	8.2 12.2#
68	5.7	5.8 8.6#

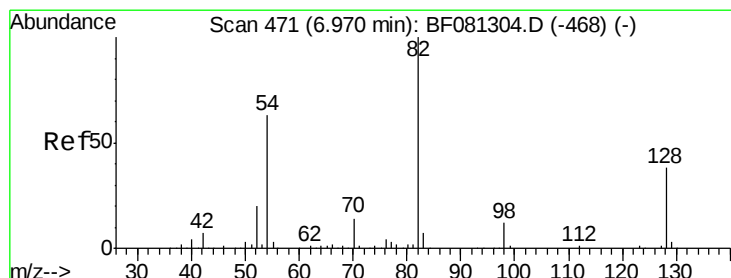
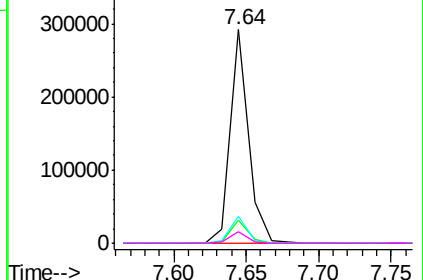
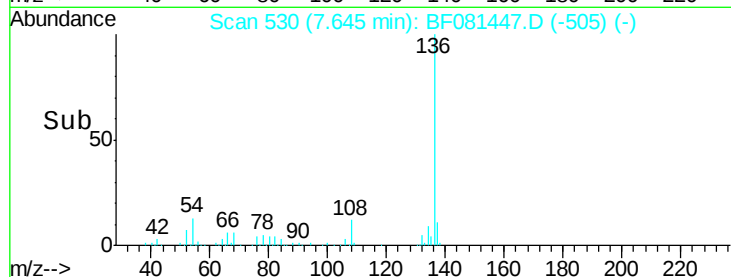


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.90 ng

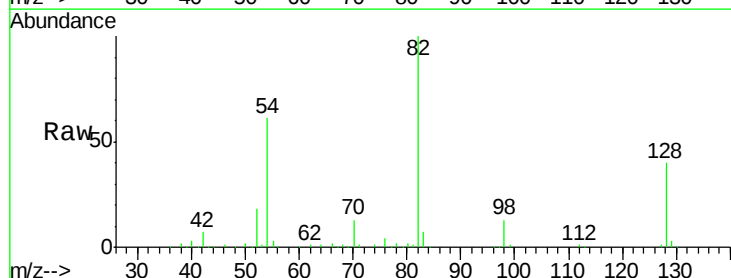
RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081447.D

Acq: 5 Sep 2015 5:36

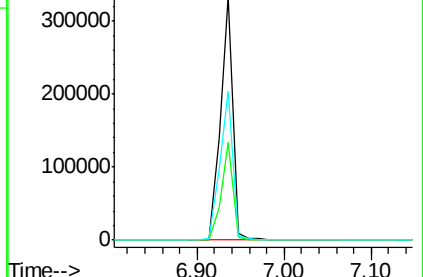
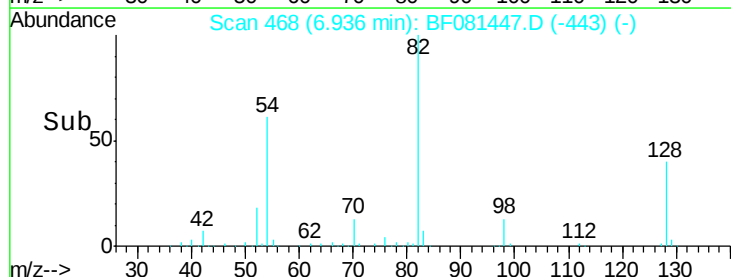
Tgt Ion: 82	Resp:	337816
Ion Ratio	Lower	Upper
82	100	
128	40.0	51.0 76.6#
54	61.3	47.5 71.3

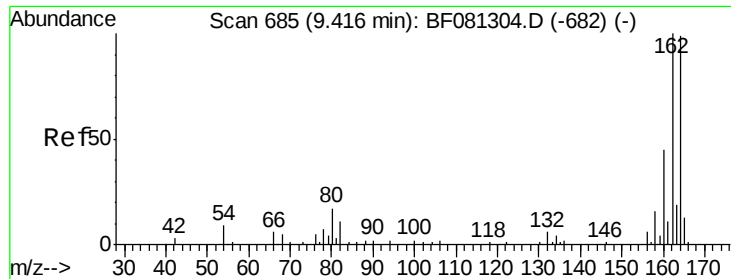


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

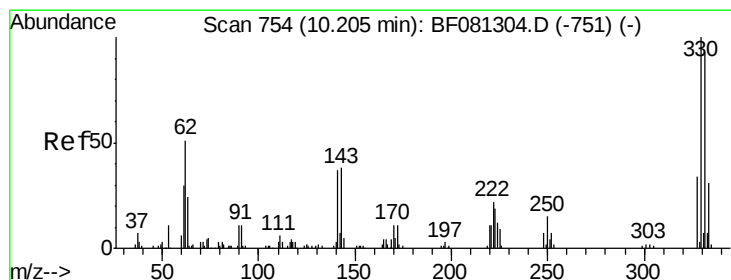
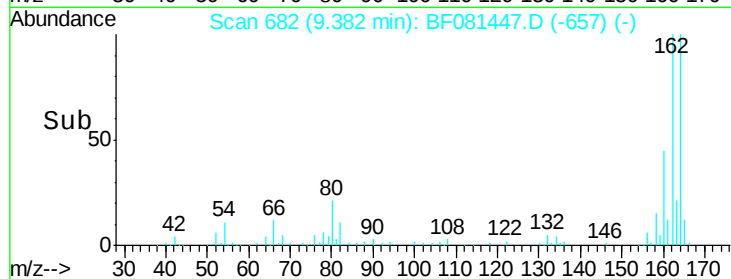
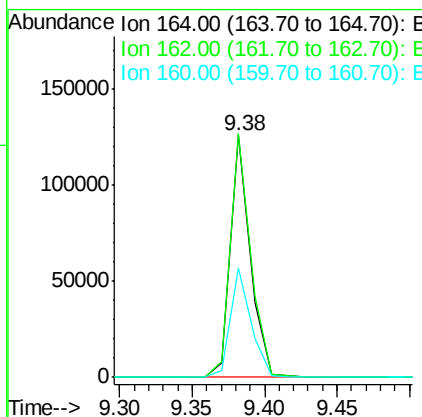
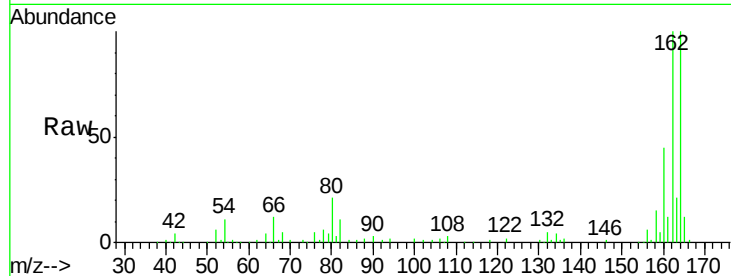




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081447.D
Acq: 5 Sep 2015 5:36

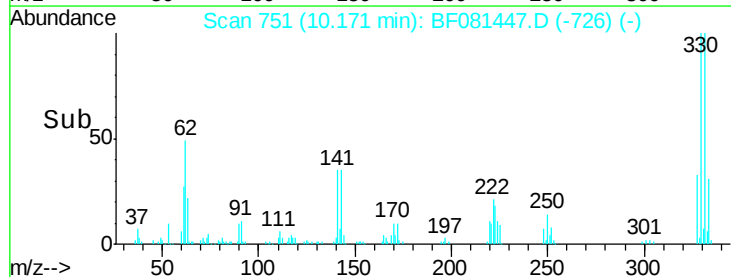
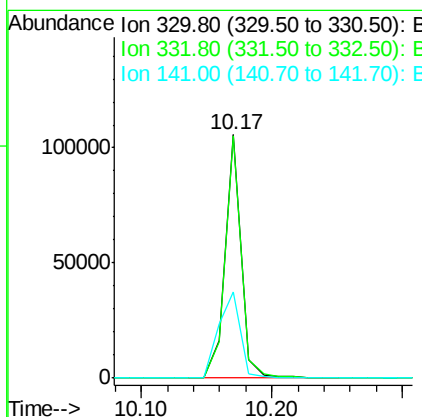
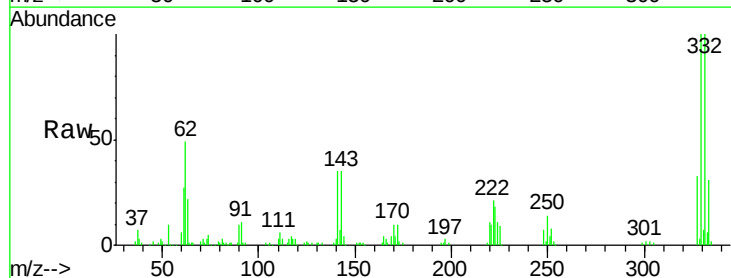
Instrument :
BNA_F
ClientSampleId :

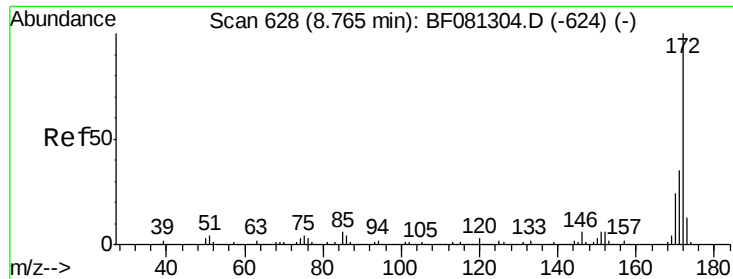
Tot Ion:164 Resp: 120315
Ion Ratio Lower Upper
164 100
162 100.5 75.2 112.8
160 44.9 31.5 47.3



#41
2,4,6-Tribromophenol
Concen: 85.38 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF081447.D
Acq: 5 Sep 2015 5:36

Tgt Ion:330 Resp: 91465
Ion Ratio Lower Upper
330 100
332 99.4 76.6 114.8
141 47.7 29.7 44.5#

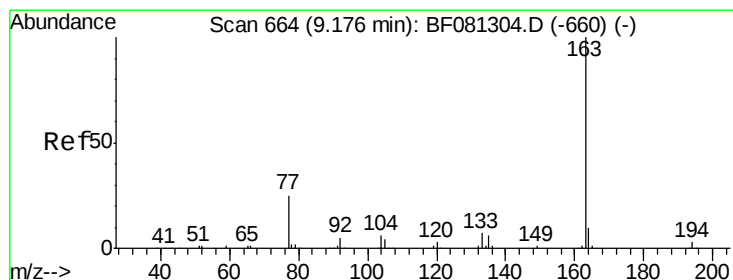
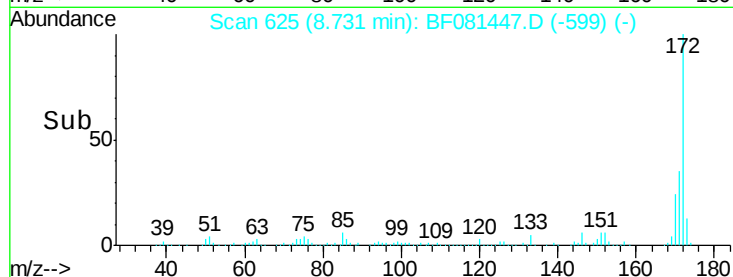
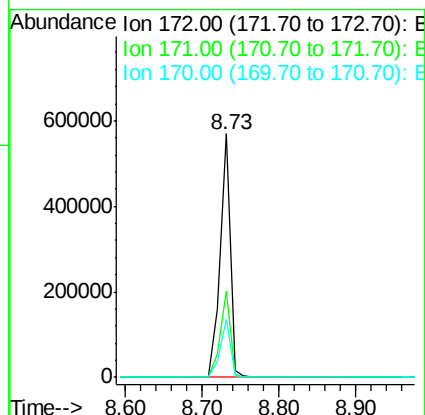
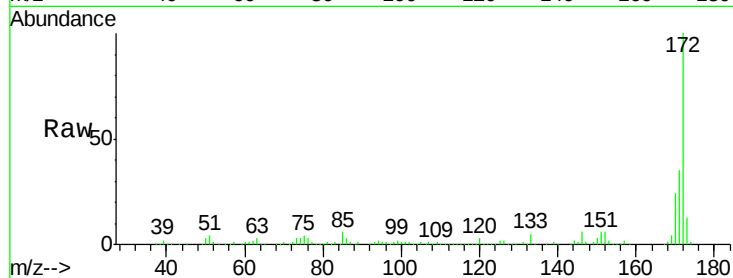




#44
 2-Fluorobiphenyl
 Concen: 55.50 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081447.D
 Acq: 5 Sep 2015 5:36

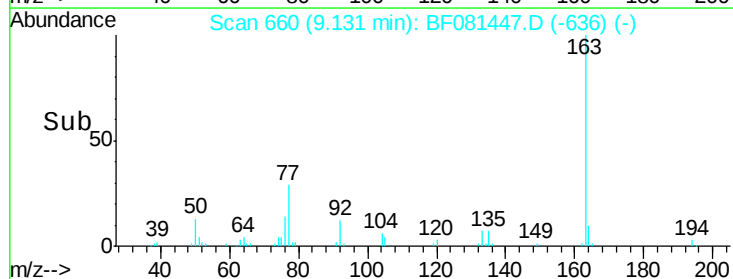
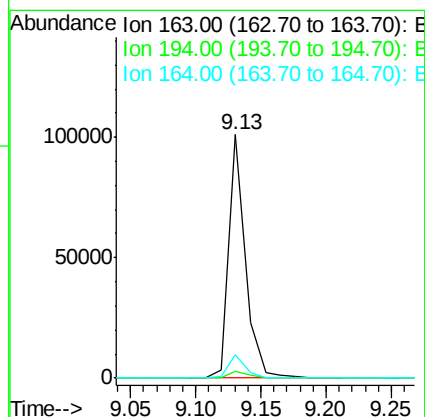
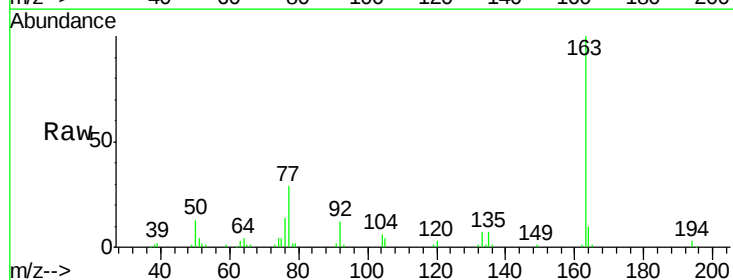
Instrument :
 BNA_F
 ClientSampleId :

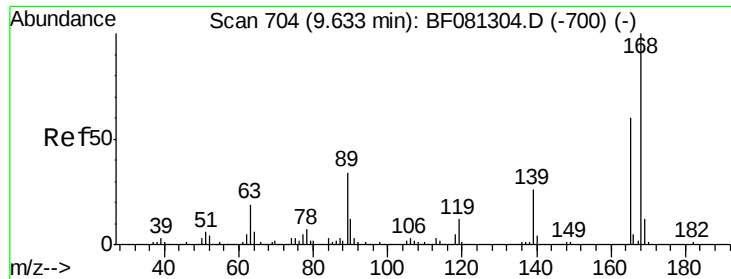
Tot Ion:172 Resp: 521035
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.7 17.4 26.2



#49
 Dimethylphthalate
 Concen: 9.67 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF081447.D
 Acq: 5 Sep 2015 5:36

Tgt Ion:163 Resp: 90414
 Ion Ratio Lower Upper
 163 100
 194 3.0 4.4 6.6#
 164 9.8 8.3 12.5

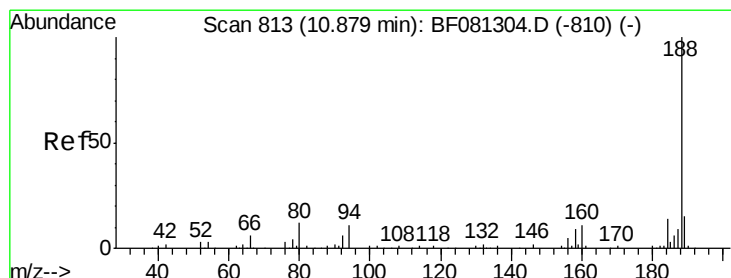
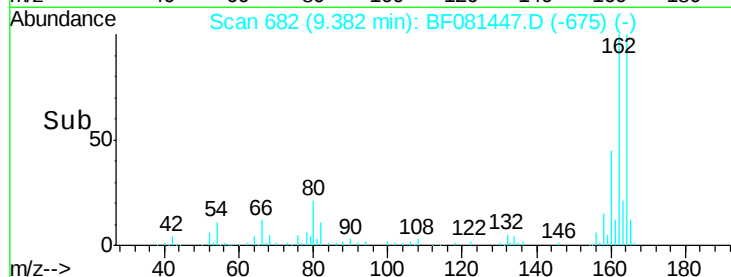
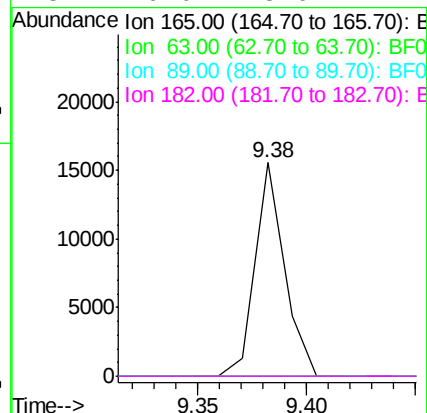
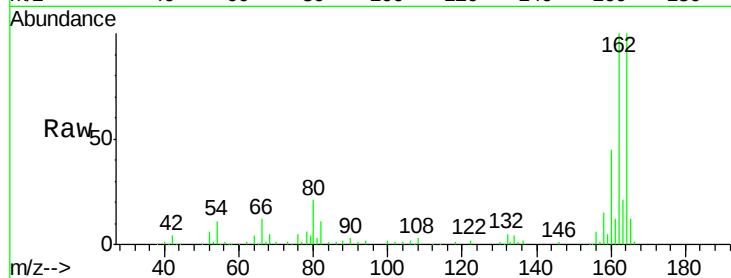




#56
 2,4-Dinitrotoluene
 Concen: 5.39 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF081447.D
 Acq: 5 Sep 2015 5:36

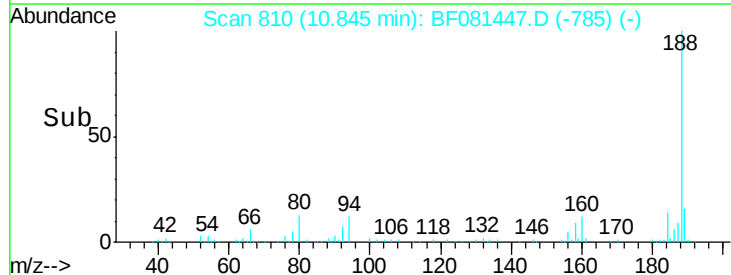
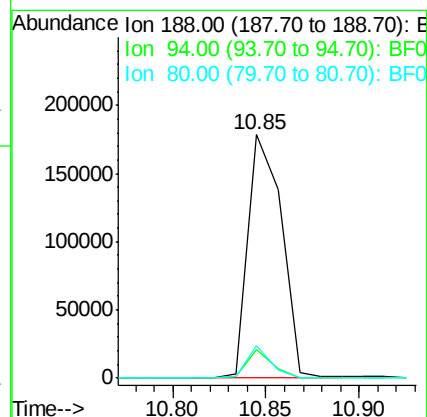
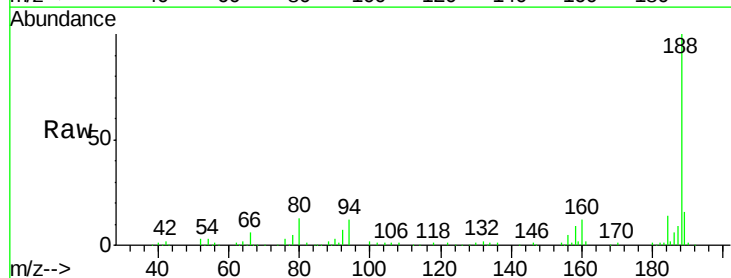
Instrument :
 BNA_F
 ClientSampleId :

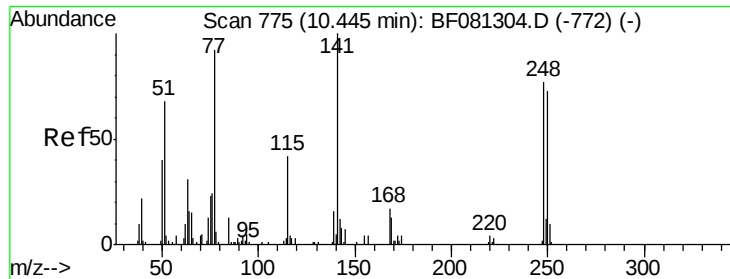
Tot Ion:	165	Resp:	14562
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081447.D
 Acq: 5 Sep 2015 5:36

Tgt Ion:	188	Resp:	223982
Ion Ratio	Lower	Upper	
188	100		
94	11.6	11.1	16.7
80	13.2	11.0	16.4

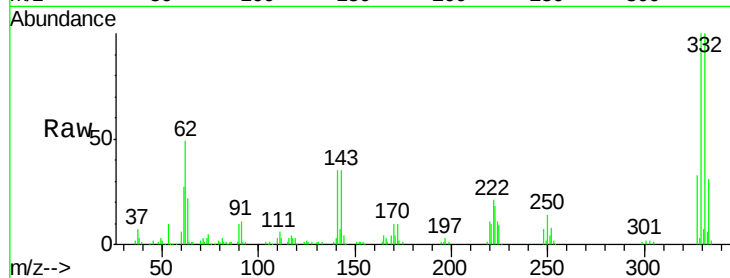




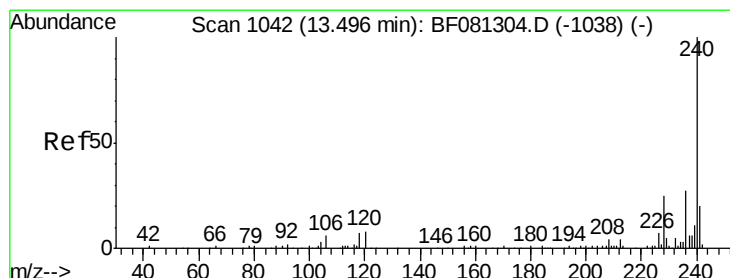
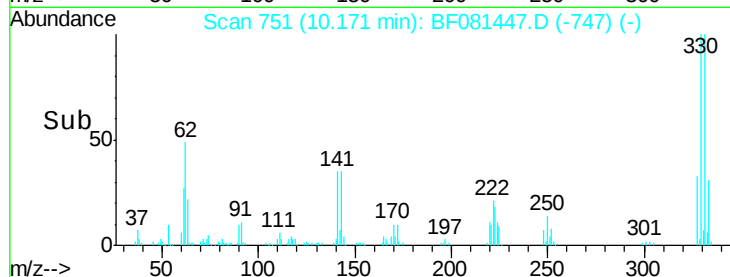
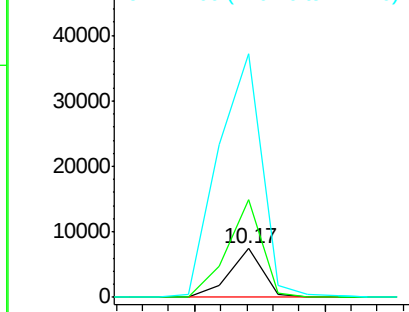
#66
4-Bromophenyl-phenylether
Concen: 2.96 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081447.D
Acq: 5 Sep 2015 5:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6713
Ion Ratio Lower Upper
248 100
250 200.8 78.5 117.7#
141 500.3 59.0 88.6#

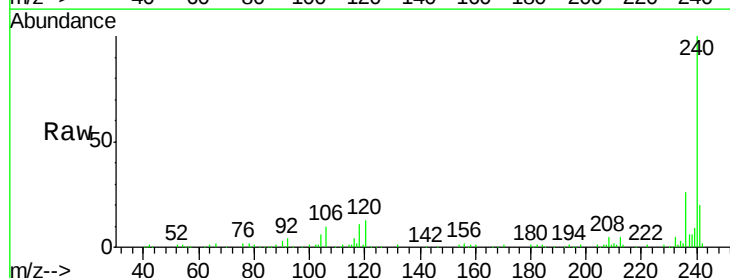


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

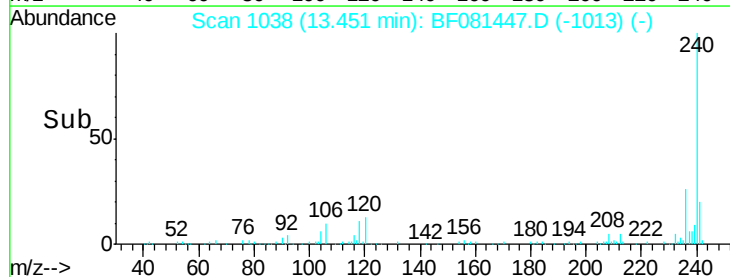
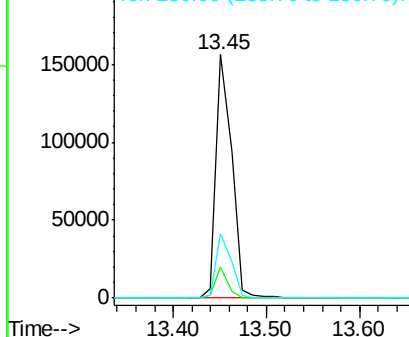


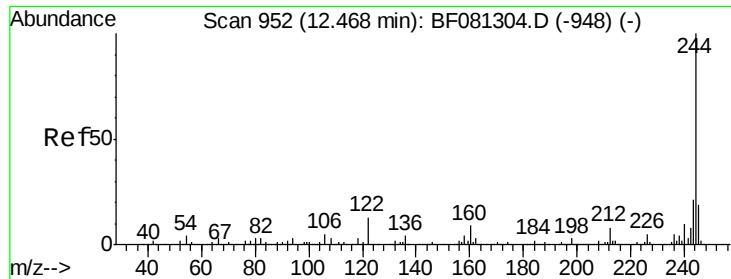
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081447.D
Acq: 5 Sep 2015 5:36

Tgt Ion:240 Resp: 183612
Ion Ratio Lower Upper
240 100
120 12.8 16.2 24.2#
236 26.5 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

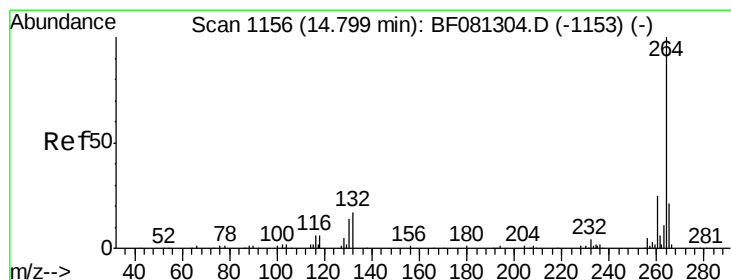
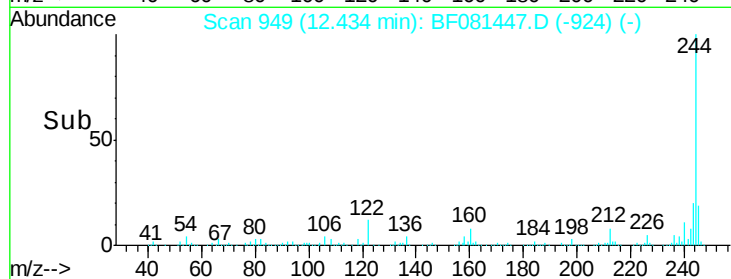
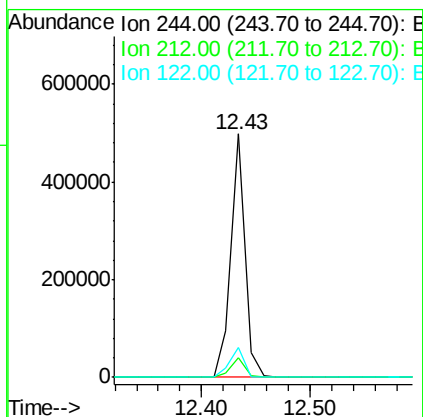
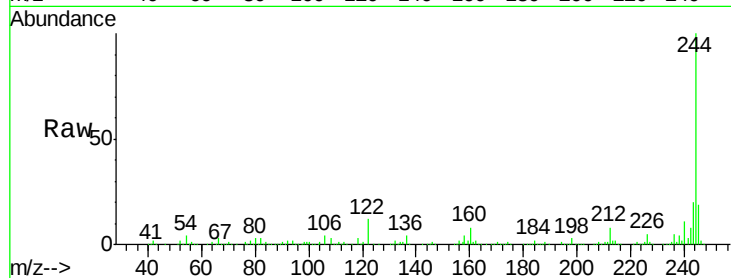




#78
 Terphenyl-d14
 Concen: 56.61 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081447.D
 Acq: 5 Sep 2015 5:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 446539
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 12.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081447.D
 Acq: 5 Sep 2015 5:36

Tgt Ion:264 Resp: 137650
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.1 17.2 25.8

