

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081470.D
 Acq On : 5 Sep 2015 17:52
 Operator : UM/IZ
 Sample : G3559-04
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 02:51:24 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 02:47:26 2015
 Response via : Initial Calibration

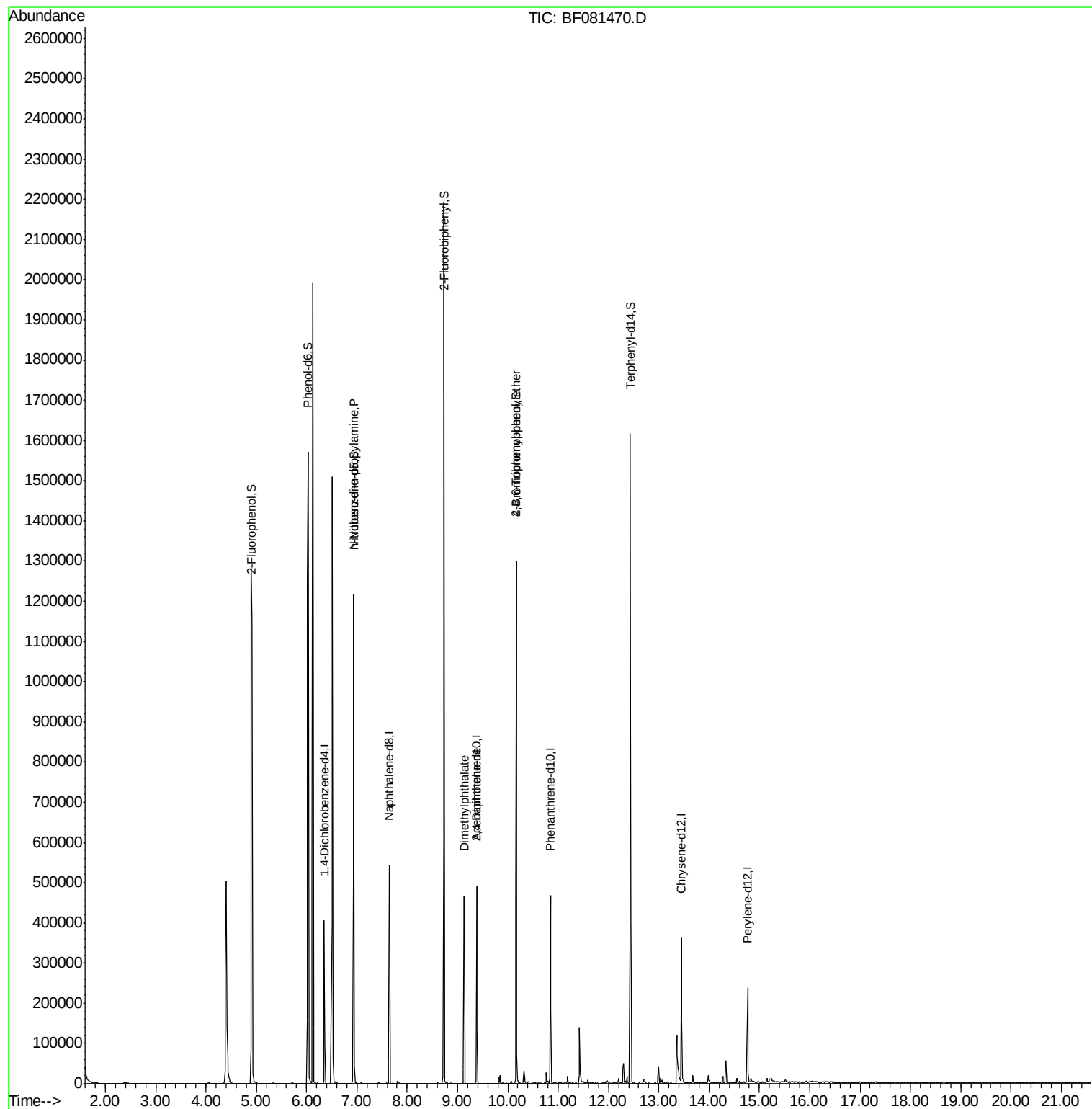
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	54156	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	214536	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	96963	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	185098	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	140656	20.00	ng	-0.01
86) Perylene-d12	14.77	264	107146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	475134	136.12	ng	0.02
7) Phenol-d6	6.03	99	710441	153.76	ng	0.00
23) Nitrobenzene-d5	6.94	82	404352	90.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	117814	136.46	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	646100	85.39	ng	0.00
78) Terphenyl-d14	12.43	244	524909	86.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	56094	17.84	ng	# 64
49) Dimethylphthalate	9.13	163	173993	23.10	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	12626	5.80	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	9463	5.06	ng	# 1

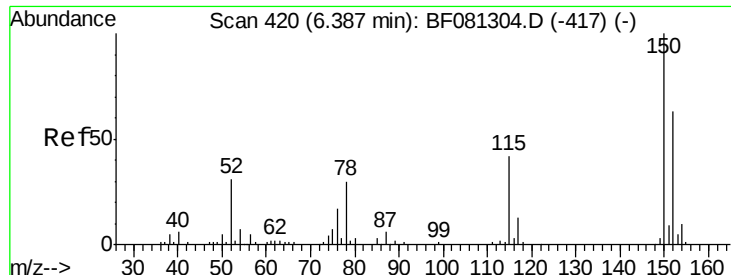
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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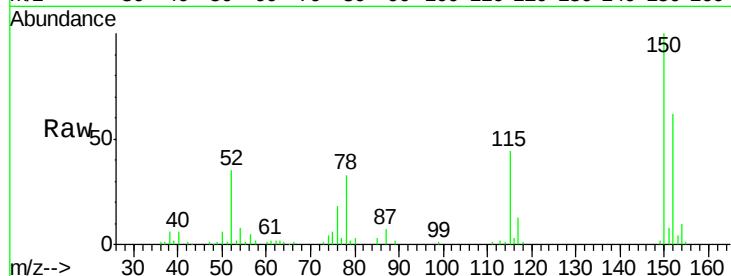


#1

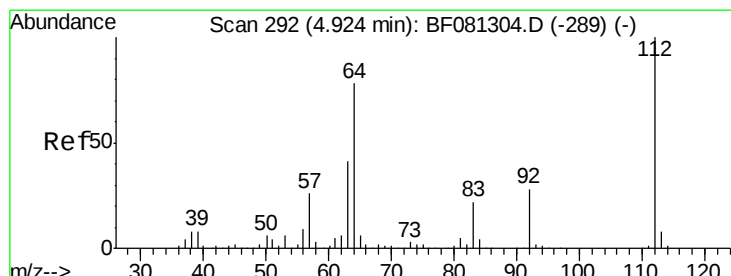
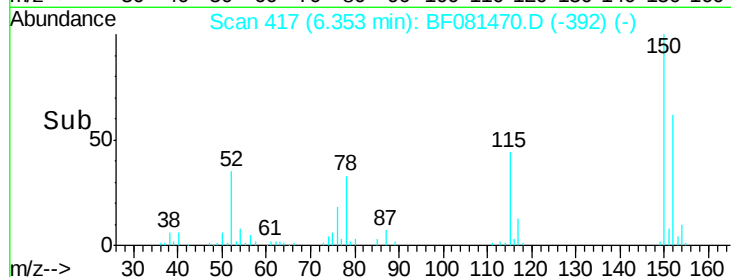
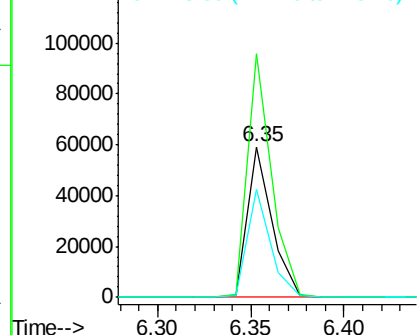
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081470.D
Acq: 5 Sep 2015 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54156
Ion Ratio Lower Upper
152 100
150 161.5 124.7 187.1
115 71.7 39.0 58.4#



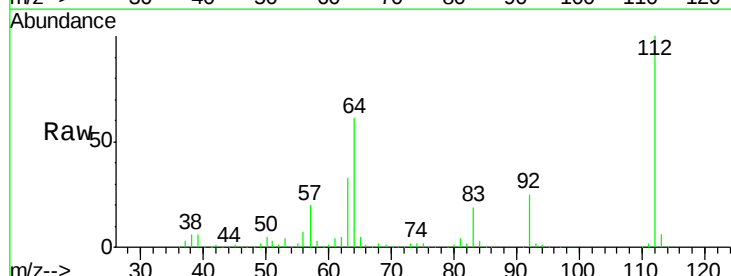
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



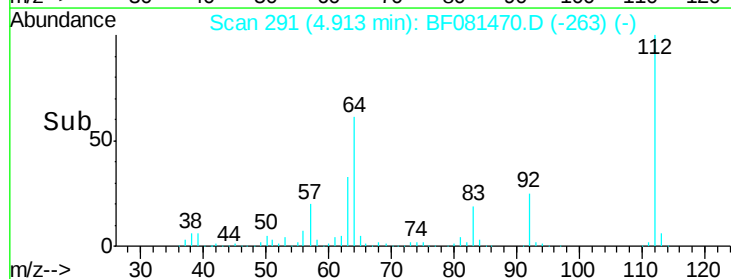
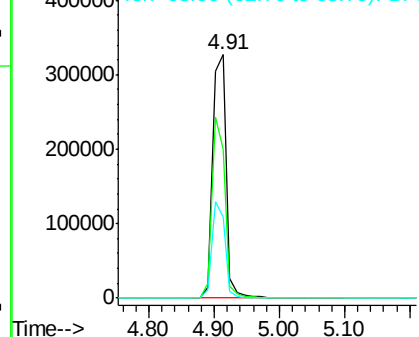
#5

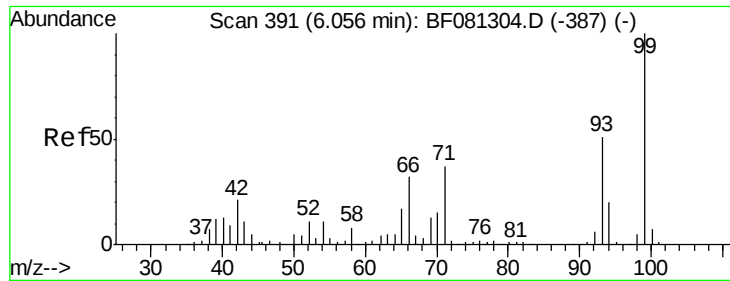
2-Fluorophenol
Concen: 136.12 ng
RT: 4.91 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF081470.D
Acq: 5 Sep 2015 17:52

Tgt Ion:112 Resp: 475134
Ion Ratio Lower Upper
112 100
64 61.3 39.7 59.5#
63 33.1 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: 153.76 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

Instrument :

BNA_F

ClientSampleId :

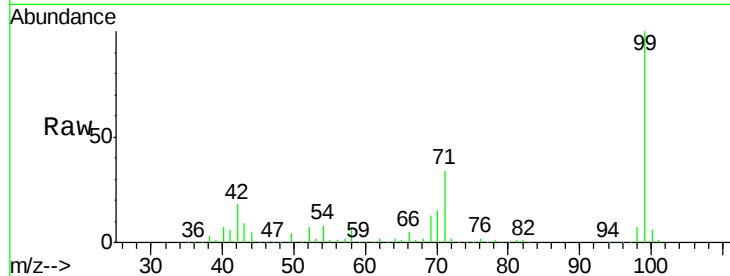
Tot Ion: 99 Resp: 710441

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

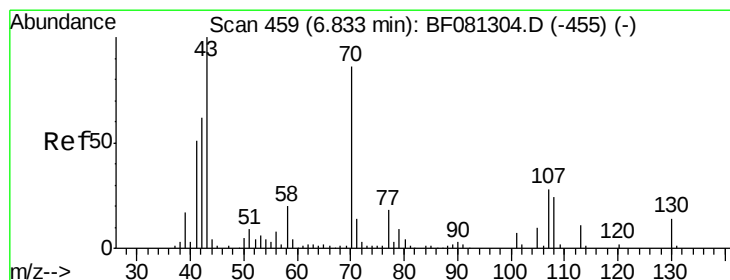
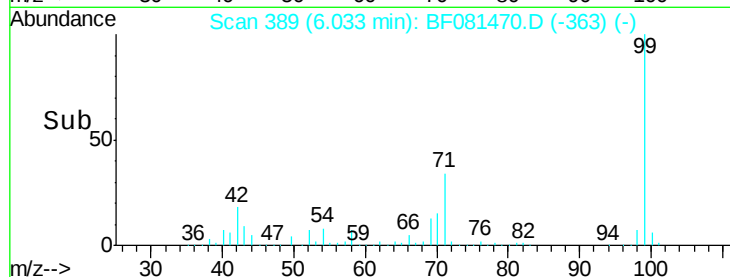
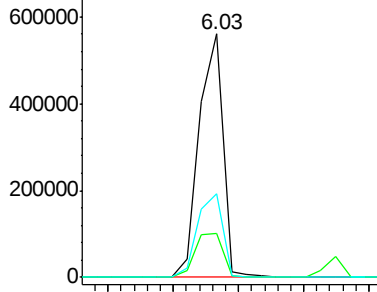
71 34.3 14.2 21.2#



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: 17.84 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

Tgt Ion: 70 Resp: 56094

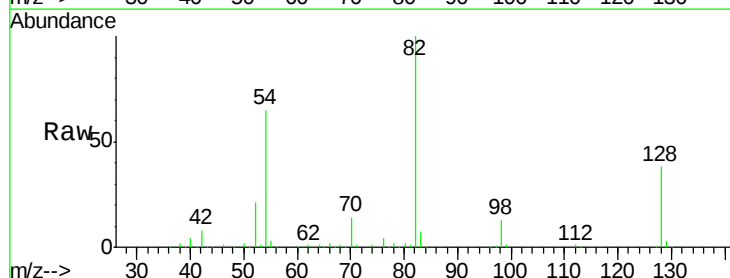
Ion Ratio Lower Upper

70 100

42 54.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

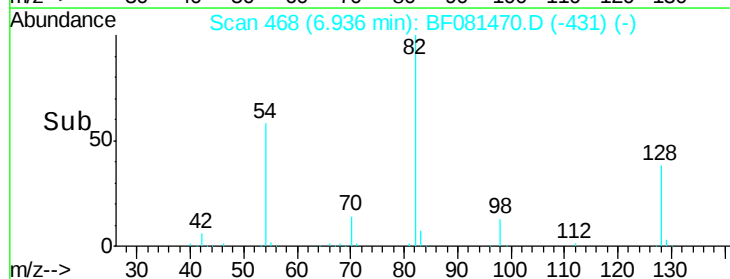
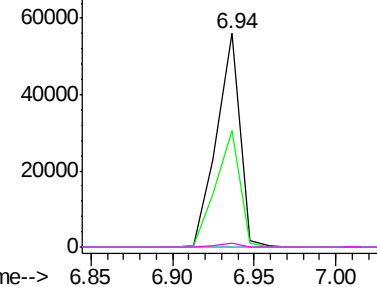


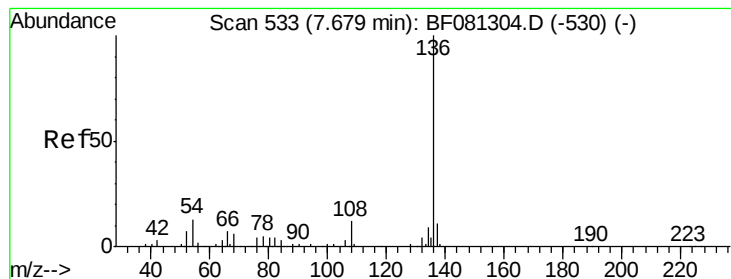
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF081470.D

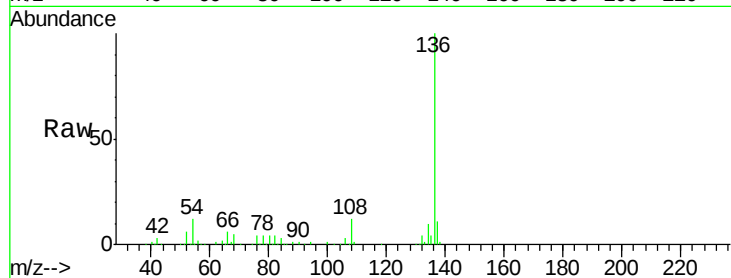
Acq: 5 Sep 2015 17:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	214536
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	11.6	8.2 12.2
68	5.0	5.8 8.6#

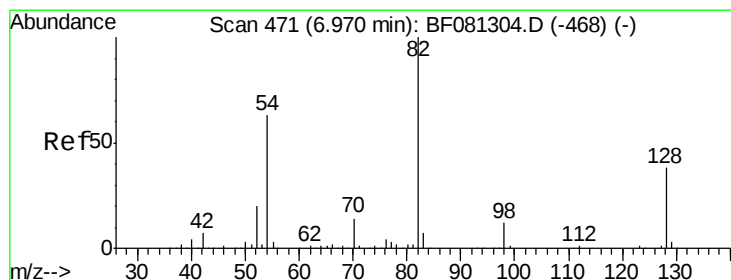
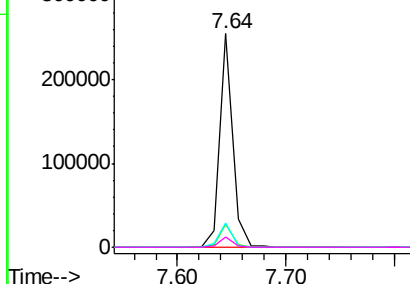
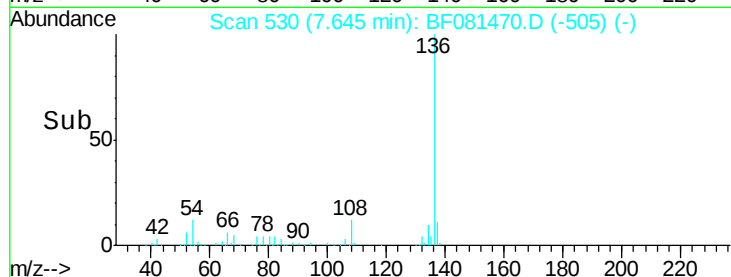


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.93 ng

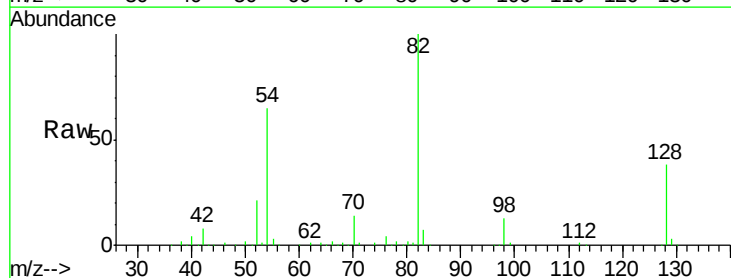
RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

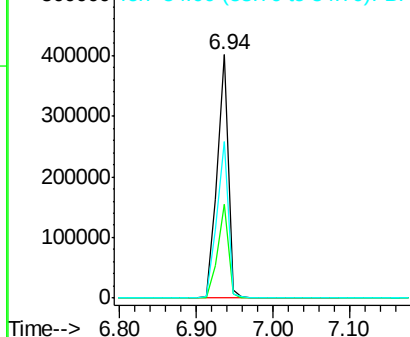
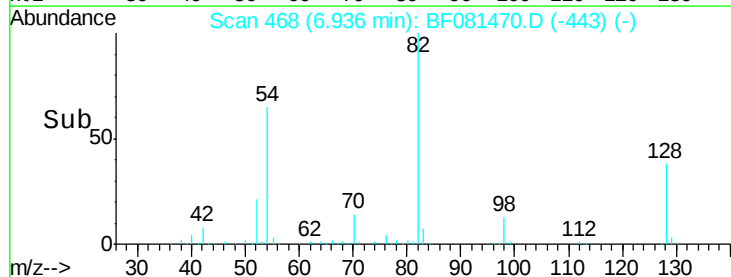
Tgt Ion: 82	Resp:	404352
Ion Ratio	Lower	Upper
82	100	
128	38.3	51.0 76.6#
54	64.5	47.5 71.3

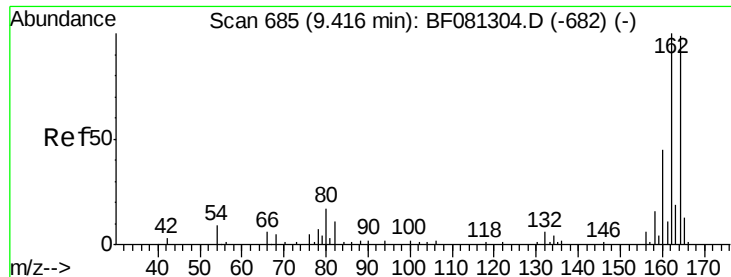


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

Instrument :

BNA_F

ClientSampleId :

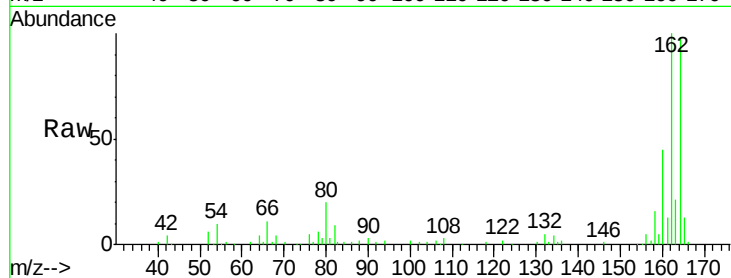
Tot Ion:164 Resp: 96963

Ion Ratio Lower Upper

164 100

162 102.1 75.2 112.8

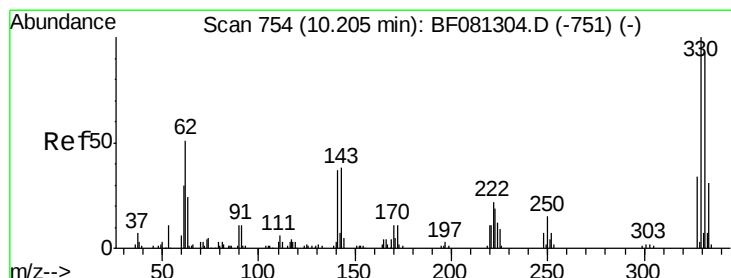
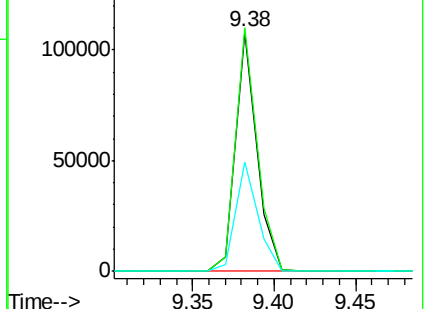
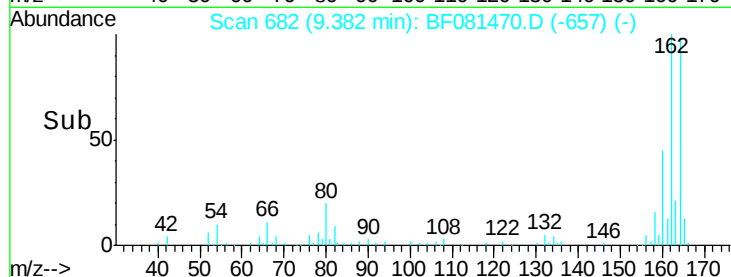
160 45.8 31.5 47.3



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: 136.46 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

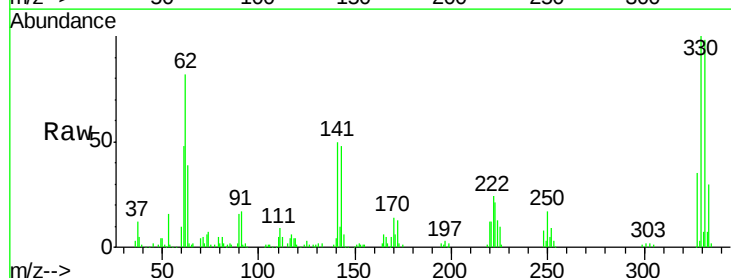
Tgt Ion:330 Resp: 117814

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

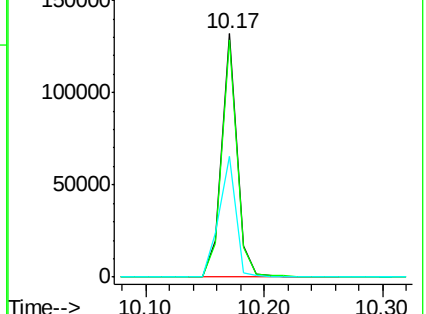
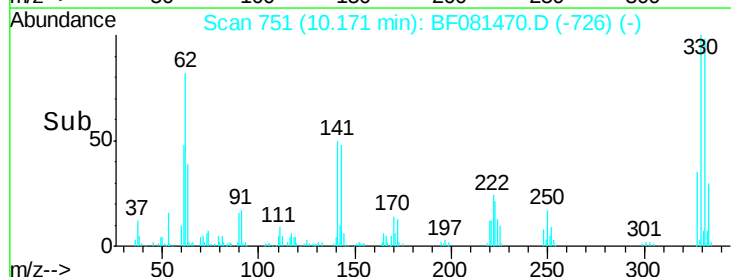
141 54.2 29.7 44.5#

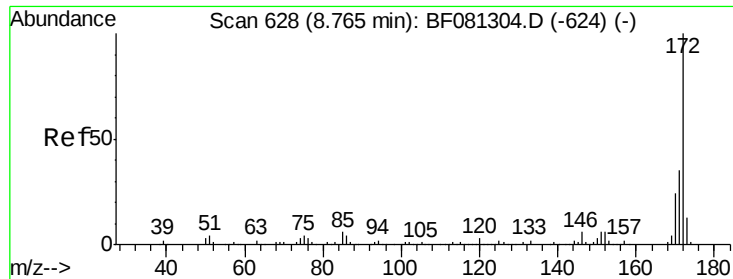


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

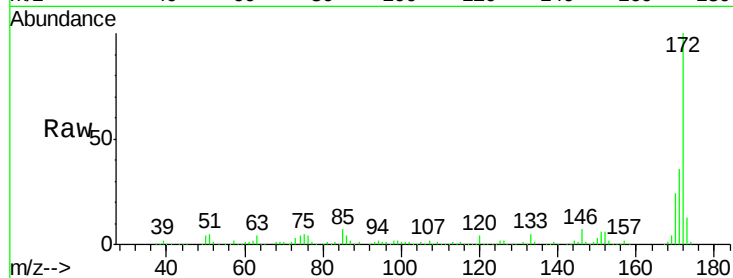




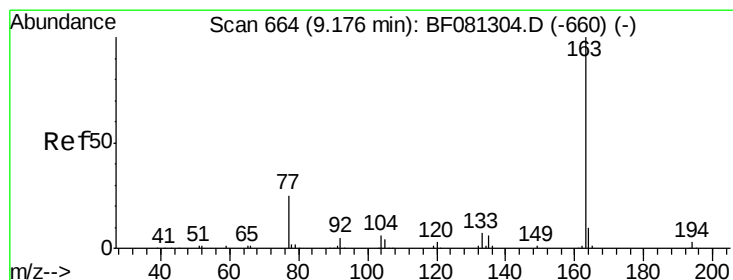
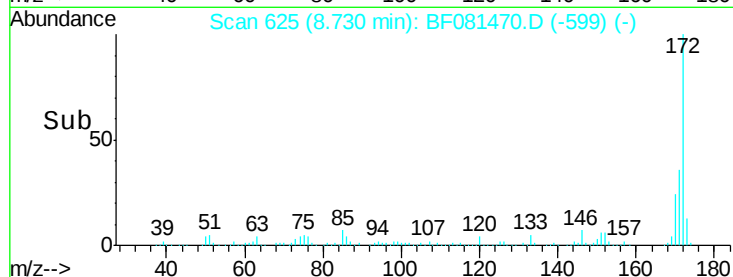
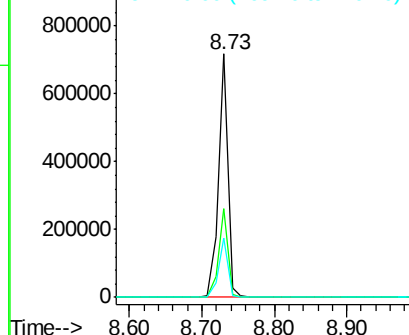
#44
2-Fluorobiphenyl
Concen: 85.39 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF081470.D
Acq: 5 Sep 2015 17:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 646100
Ion Ratio Lower Upper
172 100
171 36.4 26.1 39.1
170 24.2 17.4 26.2

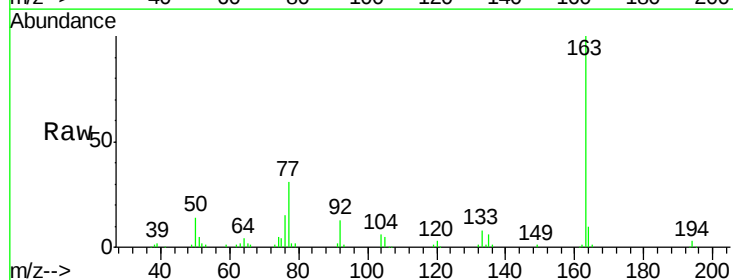


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

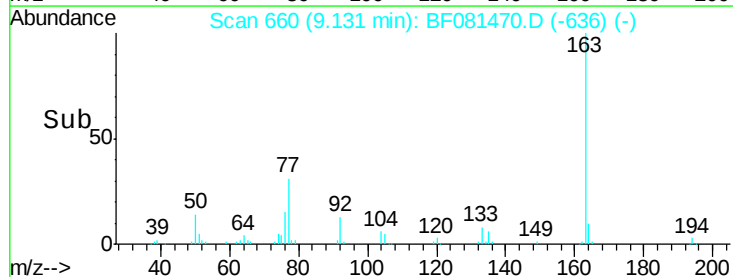
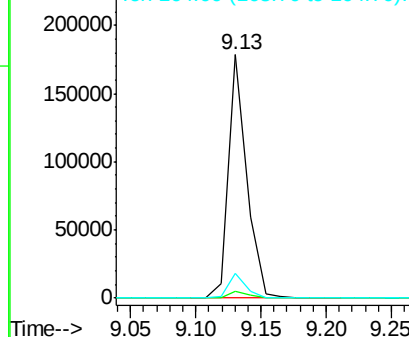


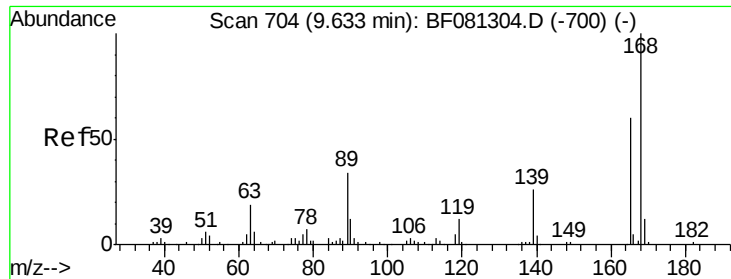
#49
Dimethylphthalate
Concen: 23.10 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081470.D
Acq: 5 Sep 2015 17:52

Tgt Ion:163 Resp: 173993
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.0 8.3 12.5



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

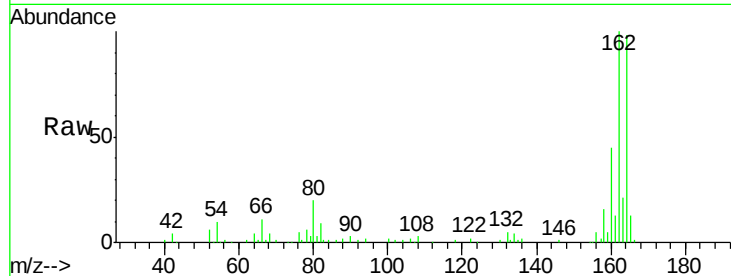




#56
 2,4-Dinitrotoluene
 Concen: 5.80 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF081470.D
 Acq: 5 Sep 2015 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	12626
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#

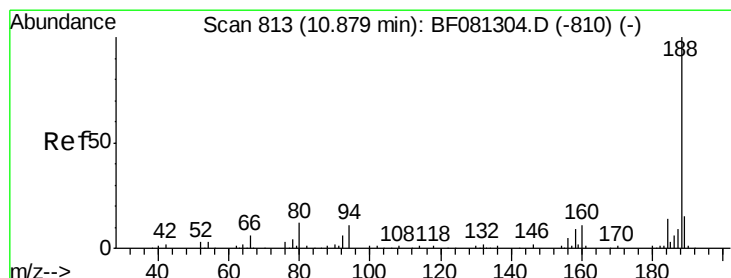
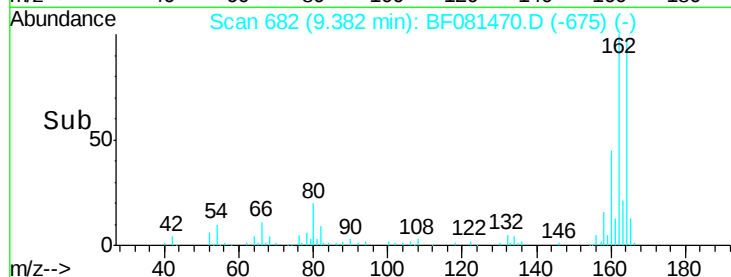
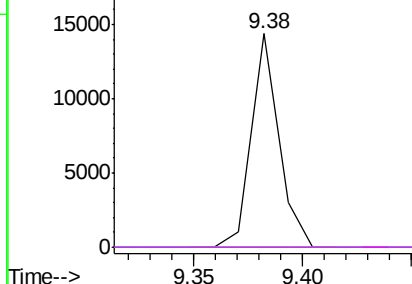


Abundance Ion 165.00 (164.70 to 165.70): E

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



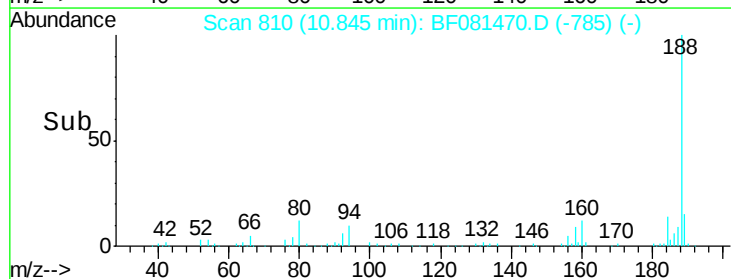
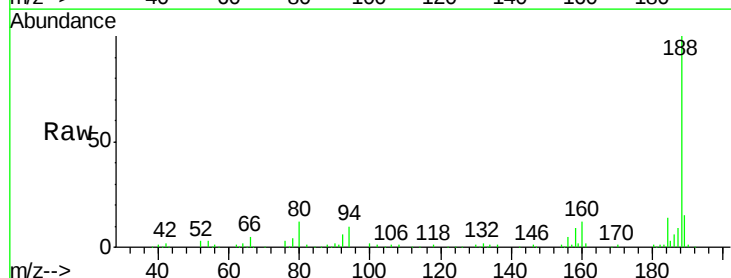
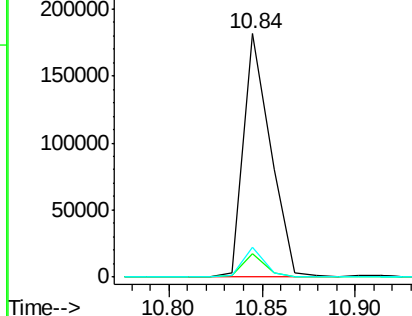
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081470.D
 Acq: 5 Sep 2015 17:52

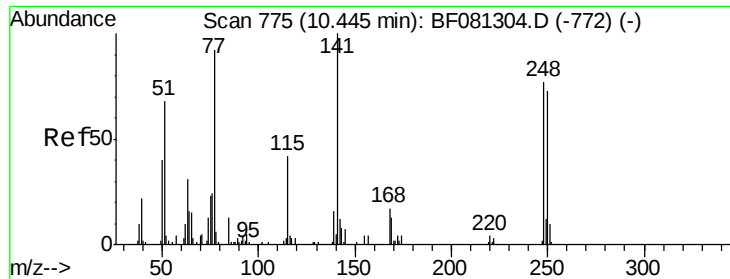
Tgt Ion:	188	Resp:	185098
Ion	Ratio	Lower	Upper
188	100		
94	9.8	11.1	16.7#
80	12.1	11.0	16.4

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

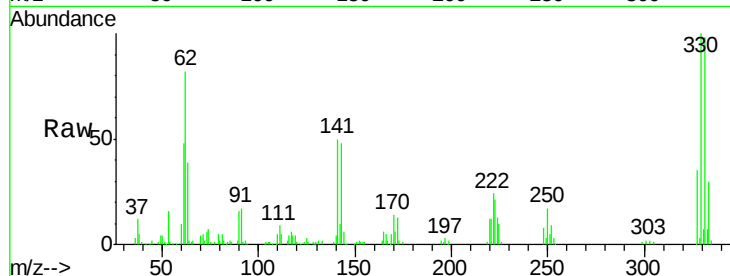




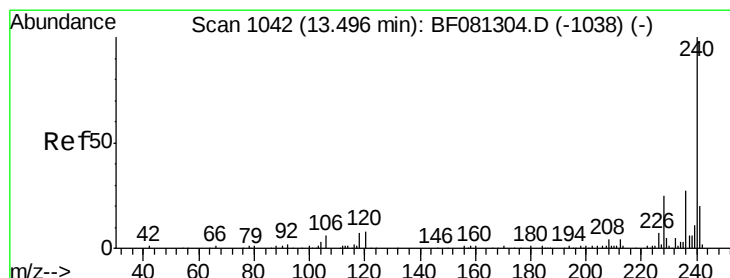
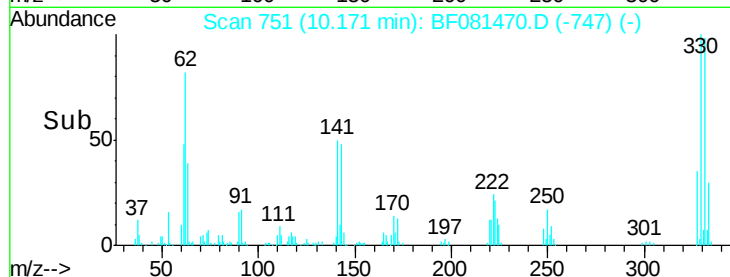
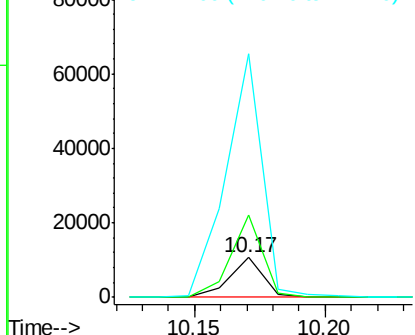
#66
4-Bromophenyl-phenylether
Concen: 5.06 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081470.D
Acq: 5 Sep 2015 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9463
Ion Ratio Lower Upper
248 100
250 206.0 78.5 117.7#
141 613.4 59.0 88.6#

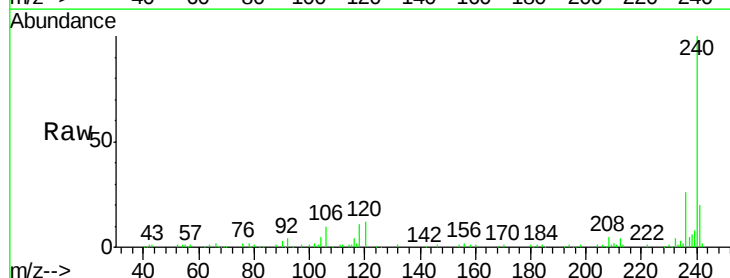


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

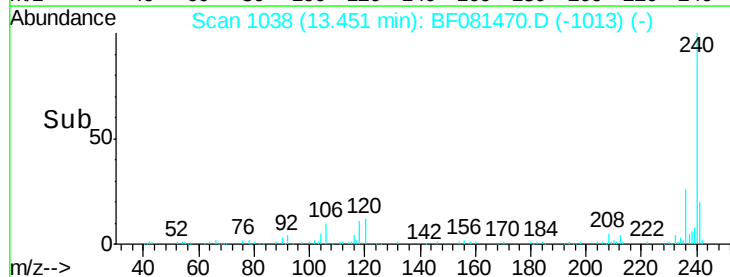
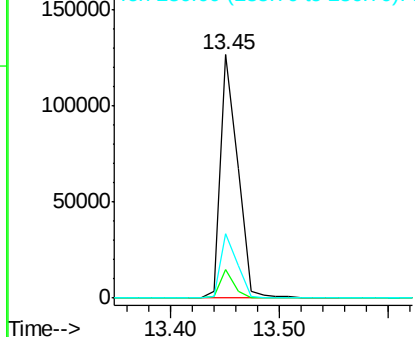


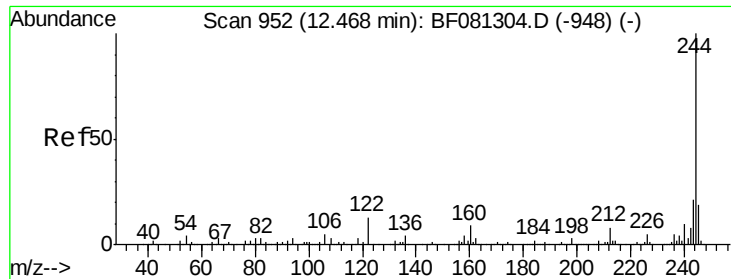
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081470.D
Acq: 5 Sep 2015 17:52

Tgt Ion:240 Resp: 140656
Ion Ratio Lower Upper
240 100
120 11.9 16.2 24.2#
236 26.3 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

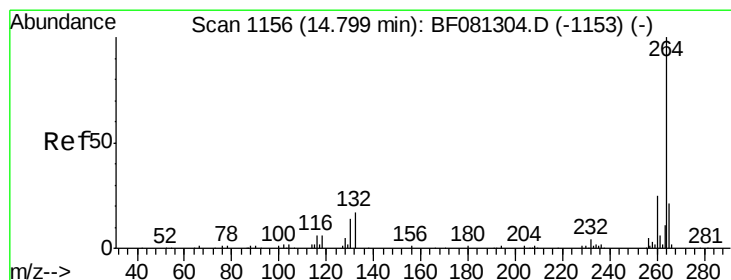
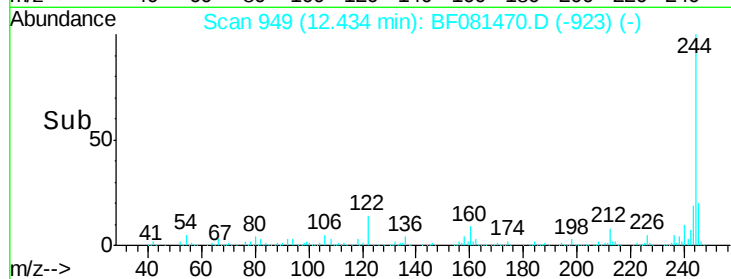
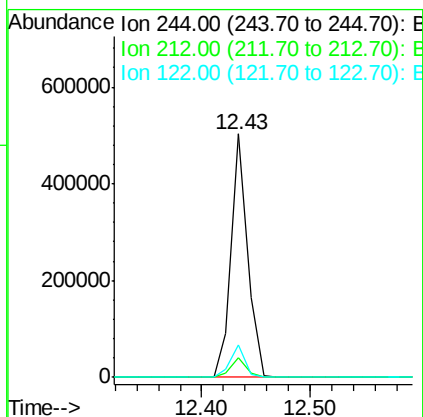
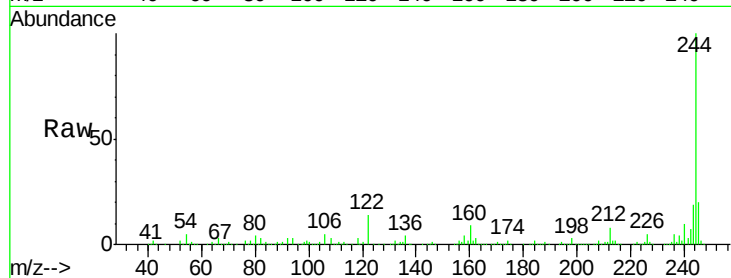




#78
 Terphenyl-d14
 Concen: 86.87 ng
 RT: 12.43 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF081470.D
 Acq: 5 Sep 2015 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 524909
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 13.5 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: BF081470.D
 Acq: 5 Sep 2015 17:52

Tgt Ion:264 Resp: 107146
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 21.3 17.2 25.8

