

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081427.D
 Acq On : 4 Sep 2015 19:21
 Operator : UM/IZ
 Sample : PB85374BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:08:13 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 01:02:00 2015
 Response via : Initial Calibration

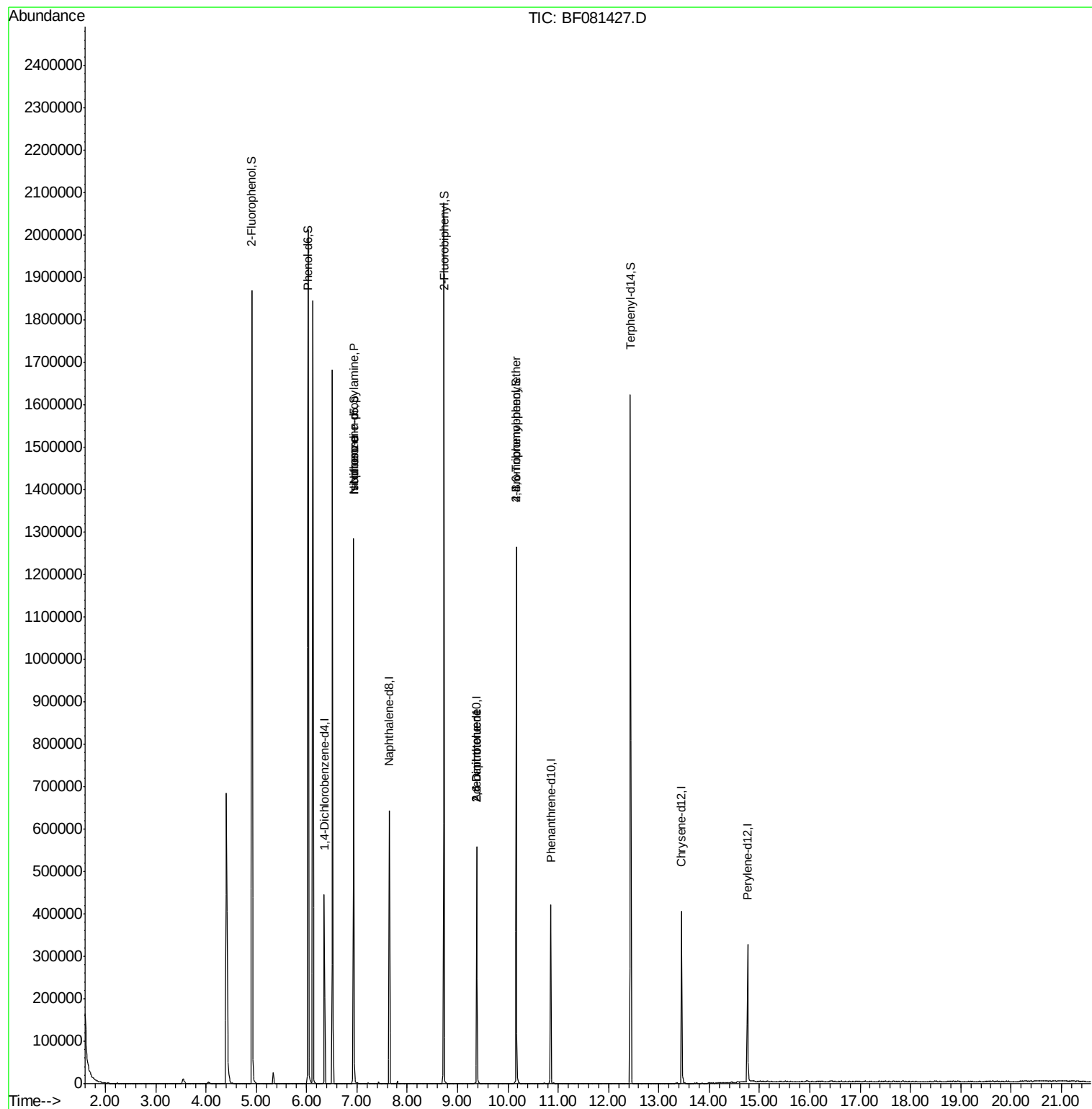
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	68846	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	260655	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	121935	20.00	ng	-0.01
63) Phenanthrene-d10	10.86	188	244215	20.00	ng	0.00
75) Chrysene-d12	13.45	240	194646	20.00	ng	-0.01
86) Perylene-d12	14.77	264	139010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	481152	108.43	ng	0.01
7) Phenol-d6	6.03	99	717435	122.15	ng	0.00
23) Nitrobenzene-d5	6.94	82	420555	77.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	113393	104.44	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	638894	67.14	ng	-0.01
78) Terphenyl-d14	12.43	244	623542	74.57	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	58153	14.55	ng	# 62
25) Isophorone	6.94	82	310823	30.93	ng	# 58
50) 2,6-Dinitrotoluene	9.38	165	15276	7.10	ng	# 39
56) 2,4-Dinitrotoluene	9.38	165	15276	5.58	ng	# 33
66) 4-Bromophenyl-phenylether	10.17	248	8813	3.57	ng	# 1

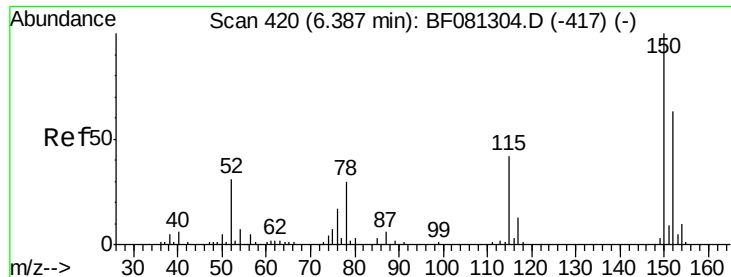
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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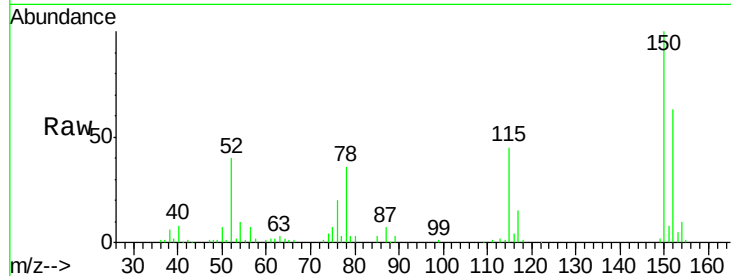


#1

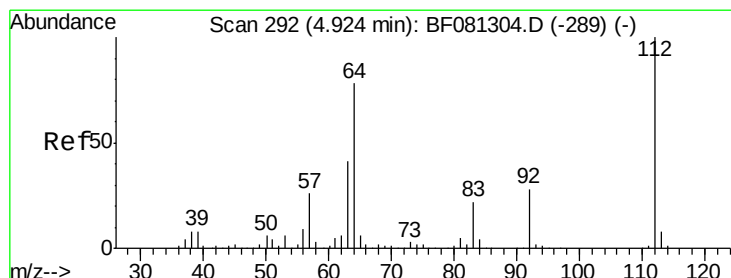
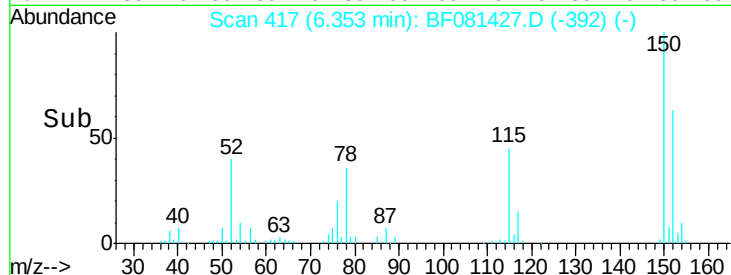
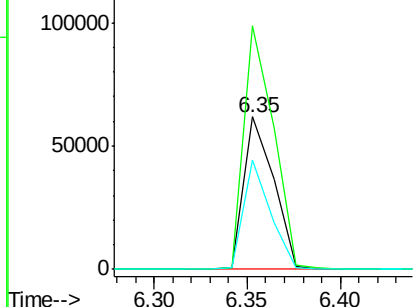
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081427.D
Acq: 4 Sep 2015 19:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 68846
Ion Ratio Lower Upper
152 100
150 159.7 124.7 187.1
115 72.0 39.0 58.4#



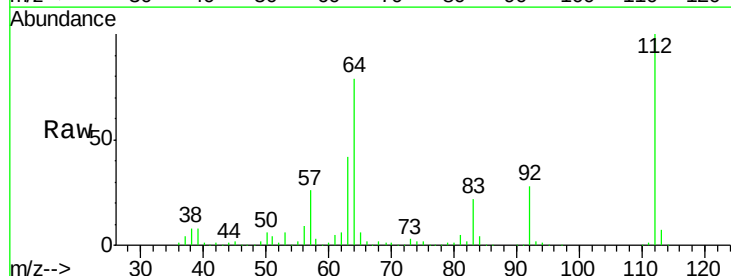
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



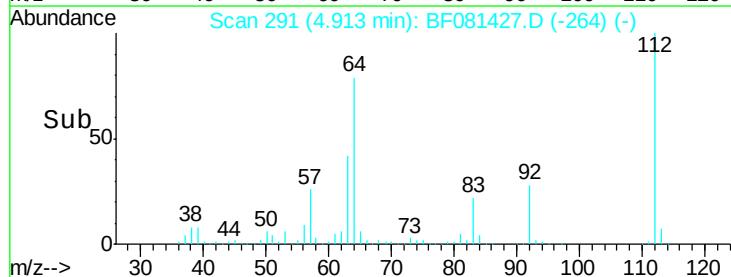
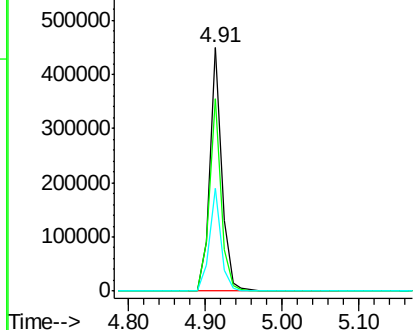
#5

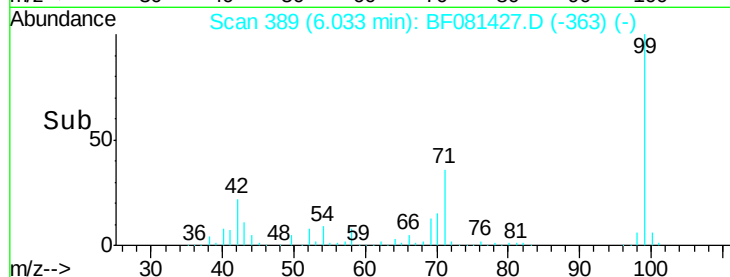
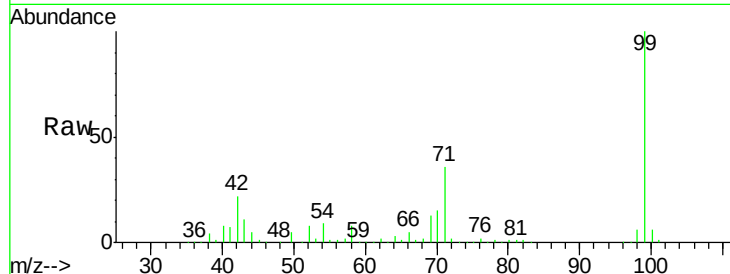
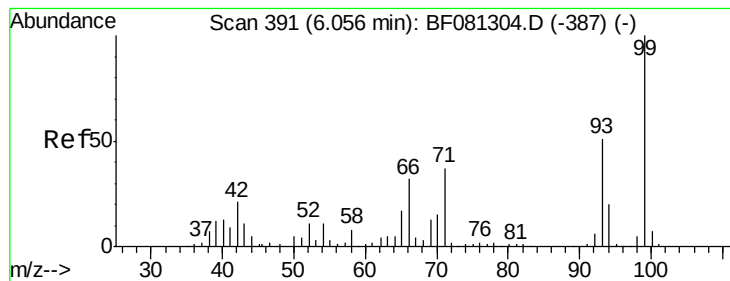
2-Fluorophenol
Concen: 108.43 ng
RT: 4.91 min Scan# 291
Delta R.T. 0.01 min
Lab File: BF081427.D
Acq: 4 Sep 2015 19:21

Tgt Ion:112 Resp: 481152
Ion Ratio Lower Upper
112 100
64 79.1 39.7 59.5#
63 42.3 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: 122.15 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081427.D

Acq: 4 Sep 2015 19:21

Tot Ion: 99 Resp: 717435

Ion Ratio Lower Upper

99 100

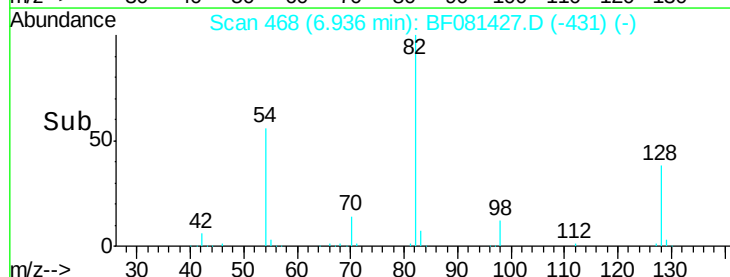
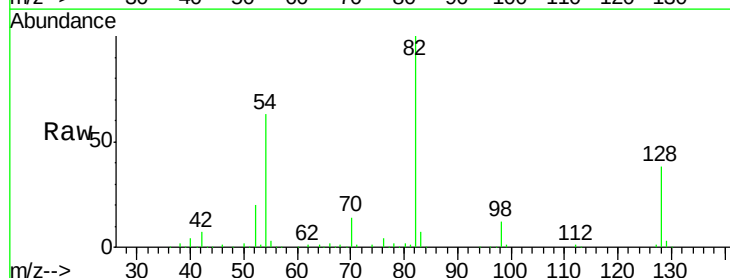
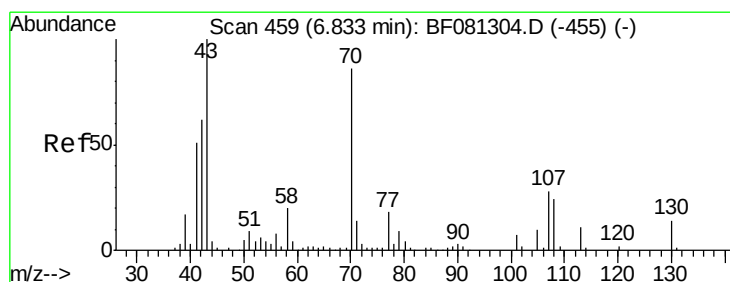
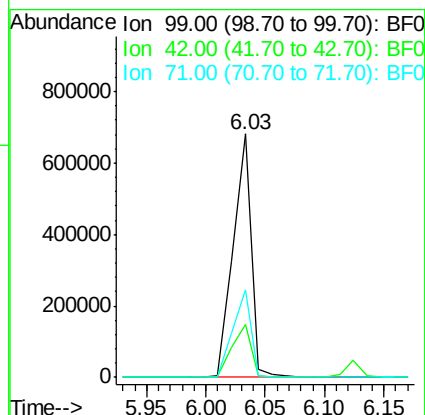
42 21.7 13.7 20.5#

71 35.8 14.2 21.2#

Instrument :

BNA_F

ClientSampled :



#19

n-Nitroso-di-n-propylamine

Concen: 14.55 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081427.D

Acq: 4 Sep 2015 19:21

Tgt Ion: 70 Resp: 58153

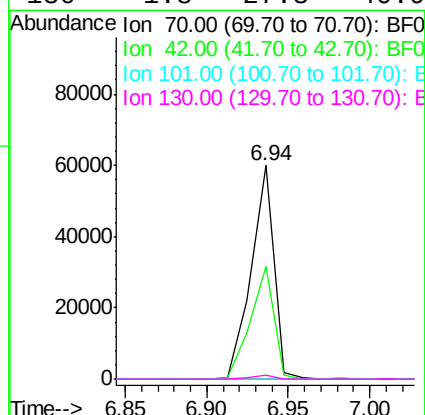
Ion Ratio Lower Upper

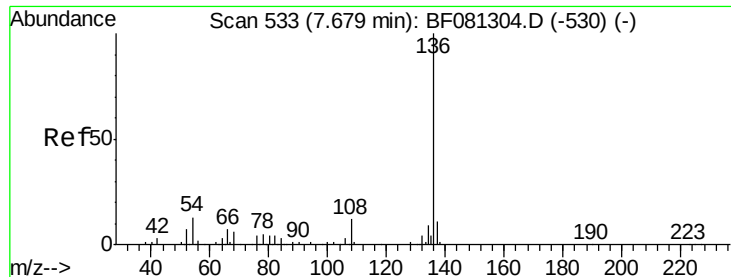
70 100

42 52.5 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081427.D

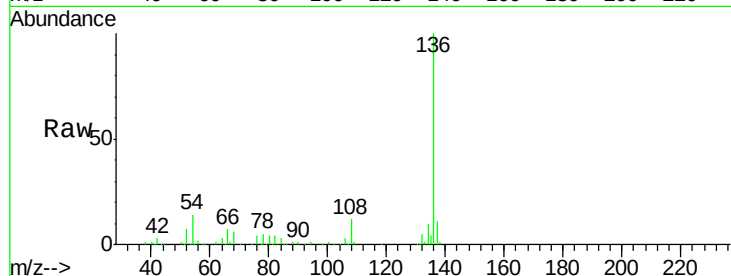
Acq: 4 Sep 2015 19:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	260655
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	14.0	8.2	12.2#
68	6.5	5.8	8.6

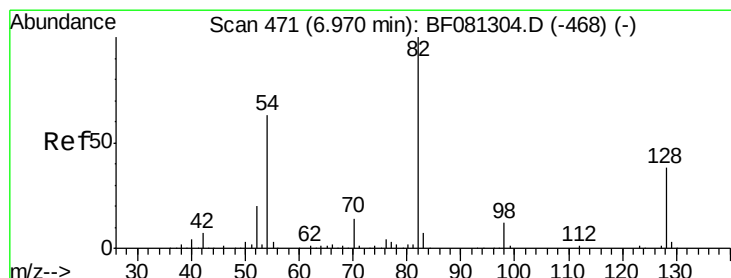
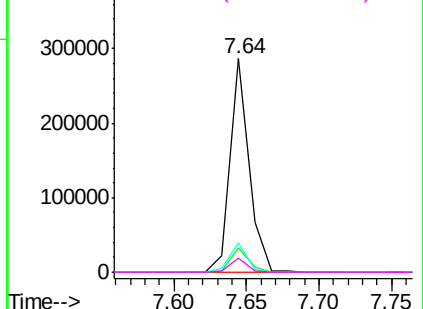
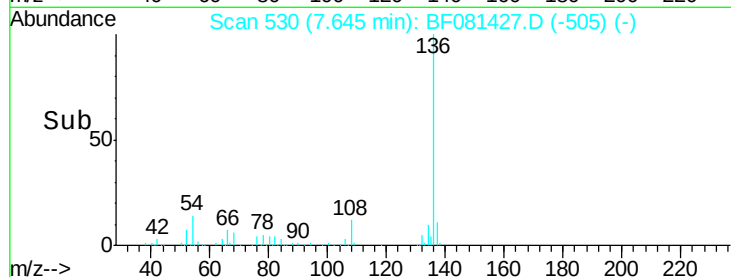


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.84 ng

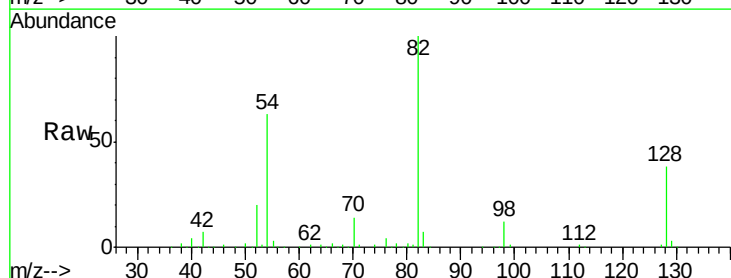
RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081427.D

Acq: 4 Sep 2015 19:21

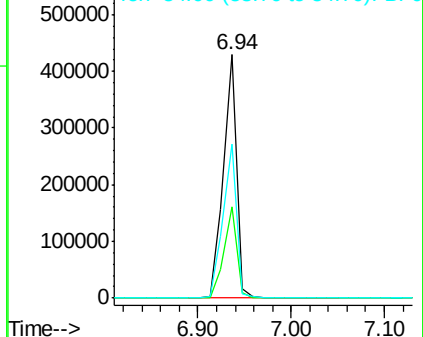
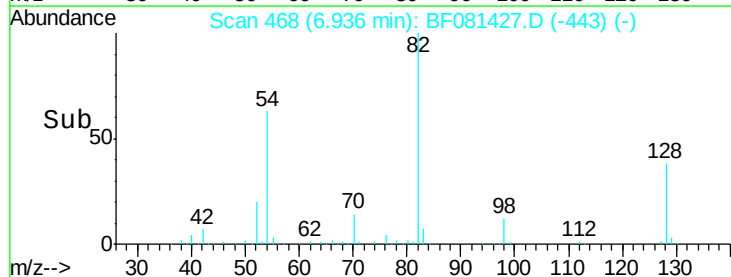
Tgt Ion:	82	Resp:	420555
Ion	Ratio	Lower	Upper
82	100		
128	37.5	51.0	76.6#
54	63.1	47.5	71.3

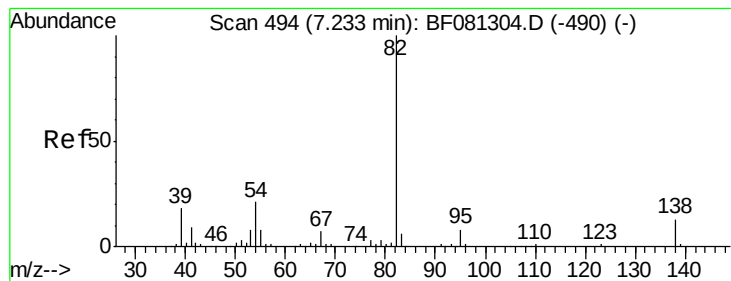


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 30.93 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081427.D

Acq: 4 Sep 2015 19:21

Instrument :

BNA_F

ClientSampled :

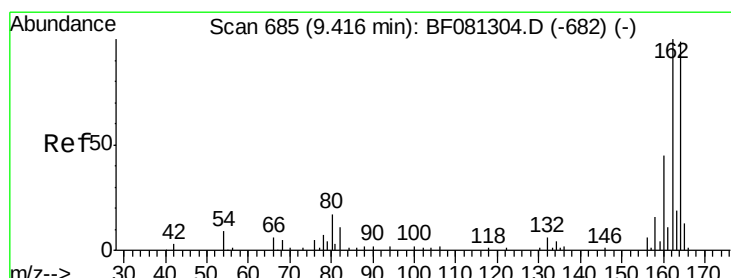
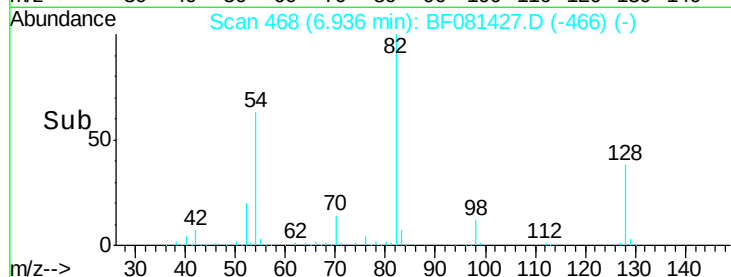
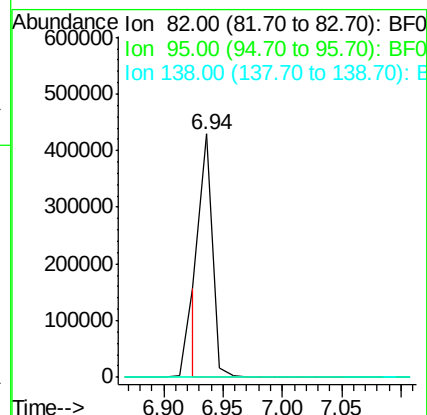
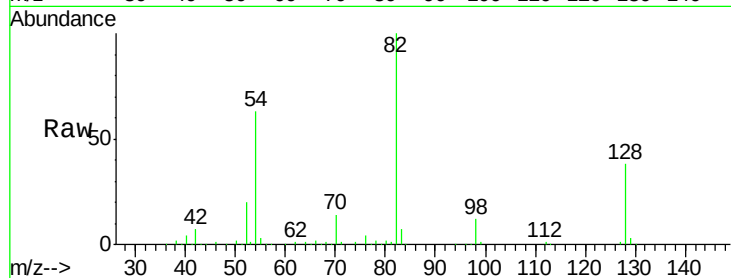
Tot Ion: 82 Resp: 310823

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081427.D

Acq: 4 Sep 2015 19:21

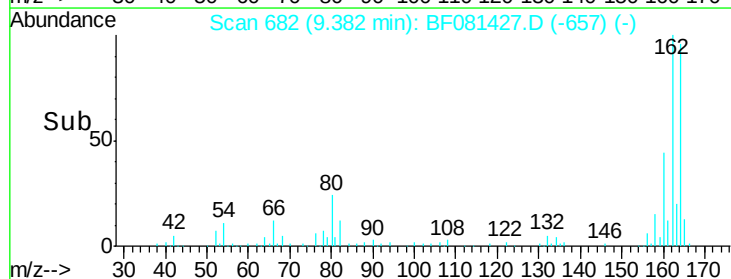
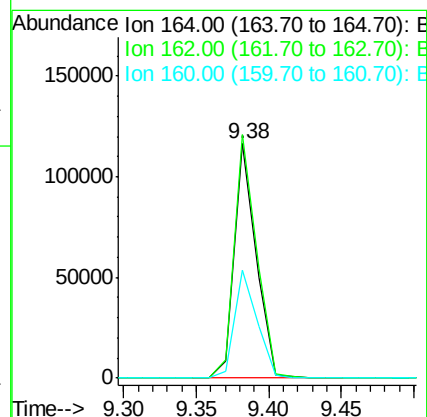
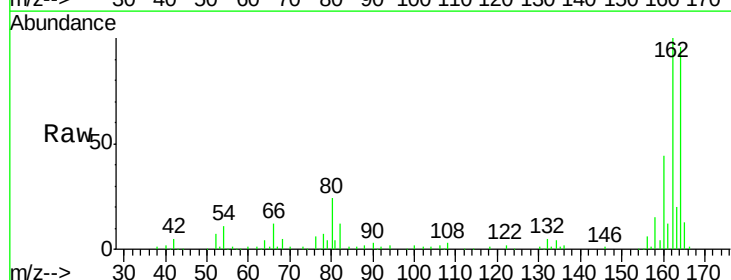
Tgt Ion: 164 Resp: 121935

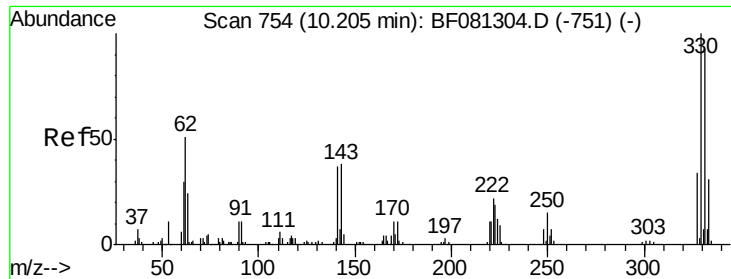
Ion Ratio Lower Upper

164 100

162 104.0 75.2 112.8

160 46.2 31.5 47.3

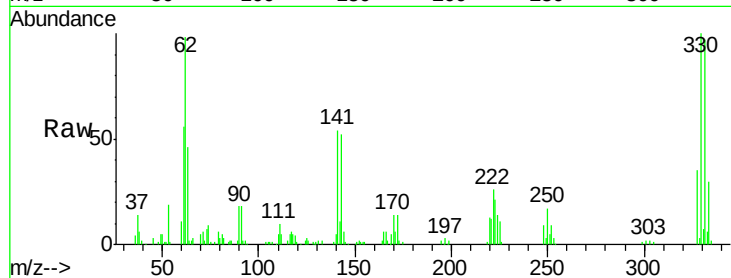




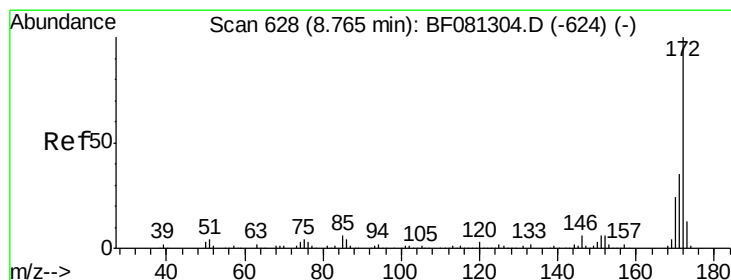
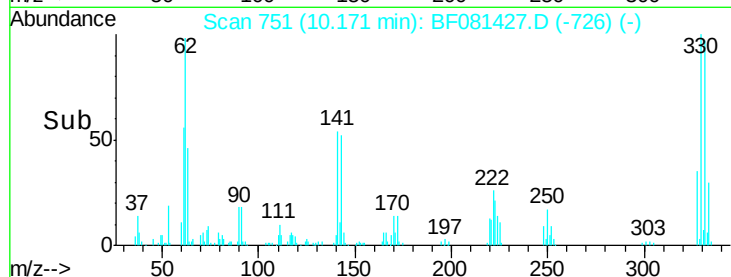
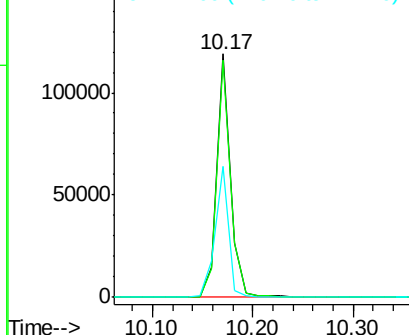
#41
 2,4,6-Tribromophenol
 Concen: 104.44 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081427.D
 Acq: 4 Sep 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 113393
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 52.4 29.7 44.5#

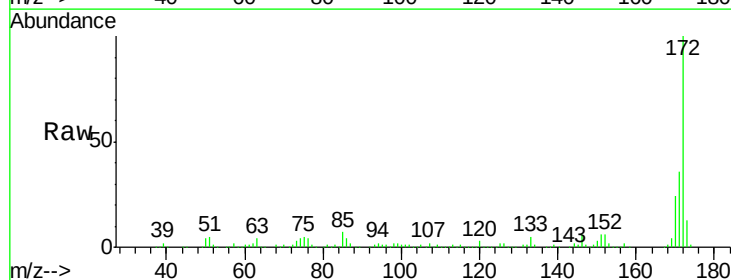


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

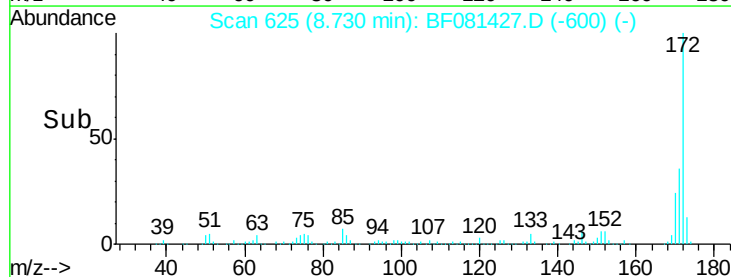
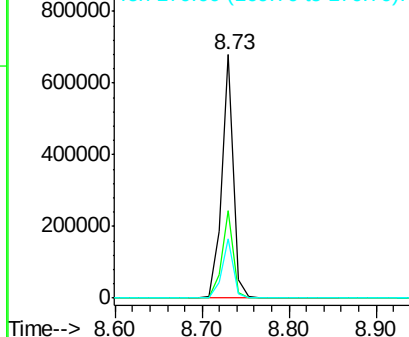


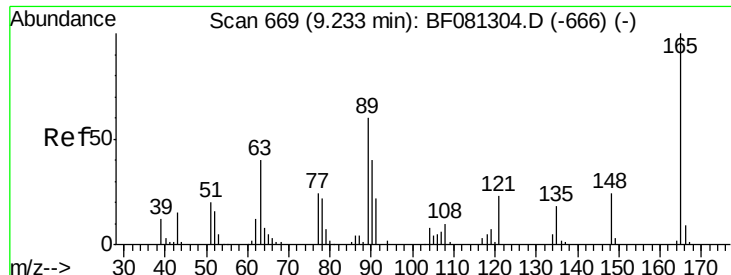
#44
 2-Fluorobiphenyl
 Concen: 67.14 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081427.D
 Acq: 4 Sep 2015 19:21

Tgt Ion:172 Resp: 638894
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.5 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

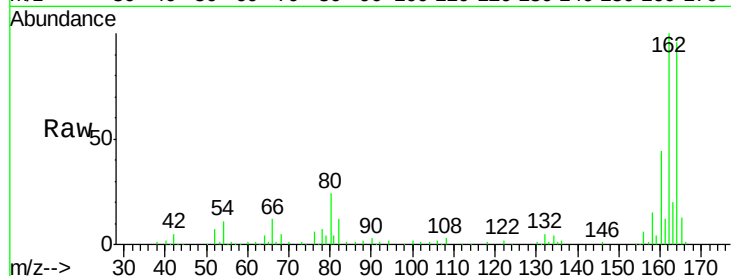




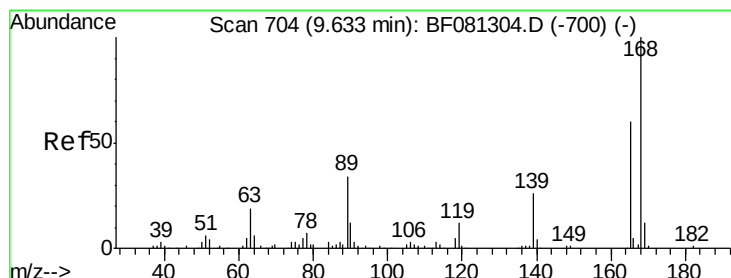
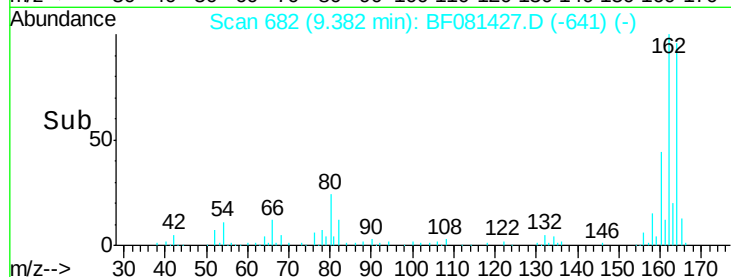
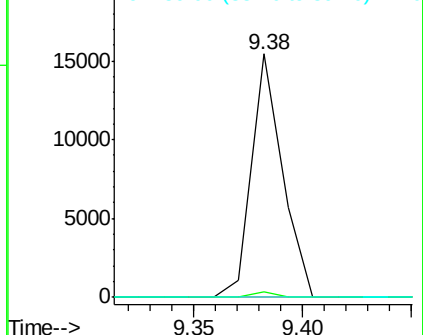
#50
 2,6-Dinitrotoluene
 Concen: 7.10 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081427.D
 Acq: 4 Sep 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	32.3	48.5#
89	0.0	28.6	43.0#

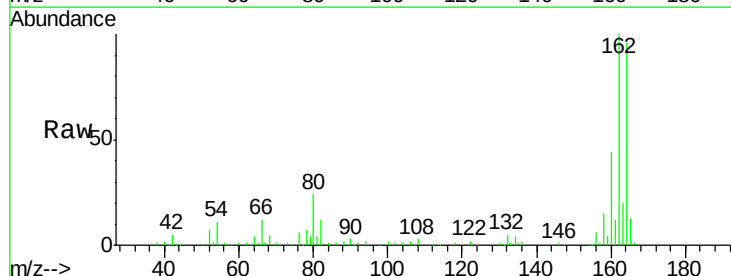


Abundance Ion 165.00 (164.70 to 165.70): E

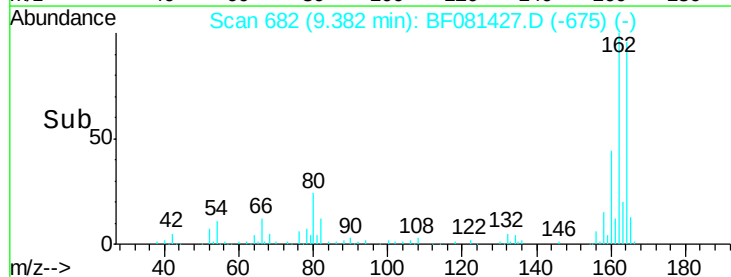
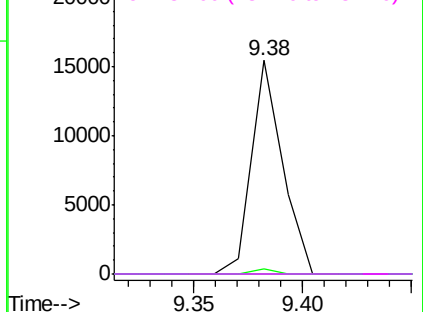


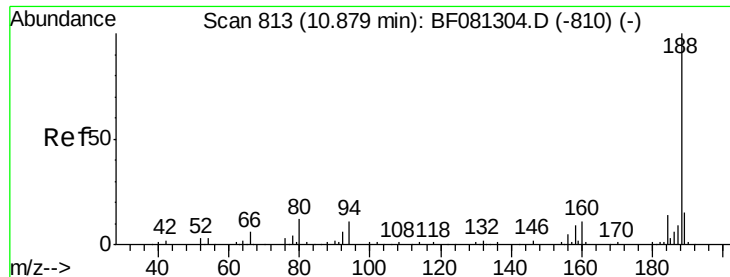
#56
 2,4-Dinitrotoluene
 Concen: 5.58 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF081427.D
 Acq: 4 Sep 2015 19:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	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

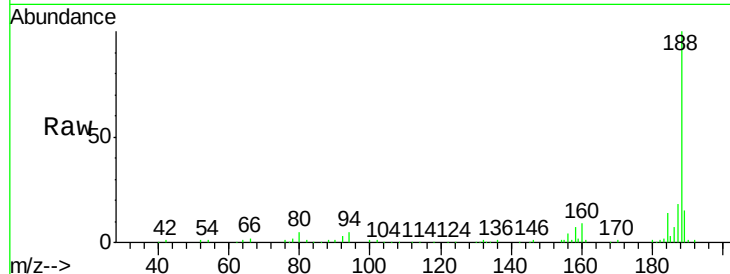




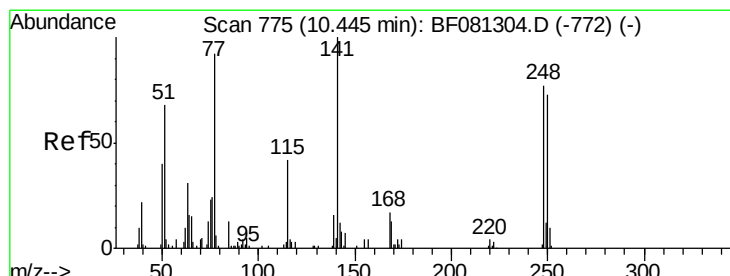
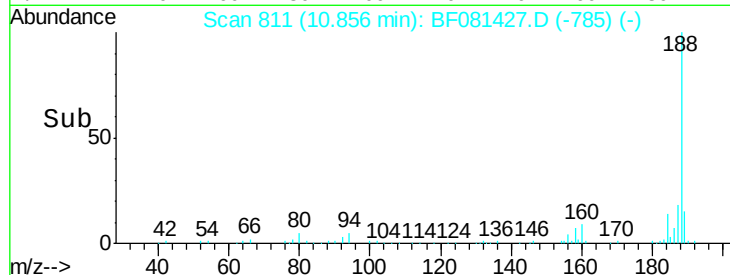
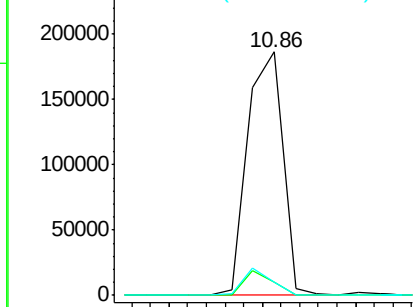
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081427.D
 Acq: 4 Sep 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 244215
 Ion Ratio Lower Upper
 188 100
 94 5.5 11.1 16.7#
 80 5.4 11.0 16.4#

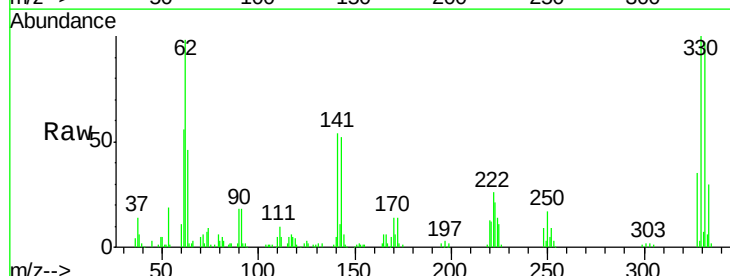


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

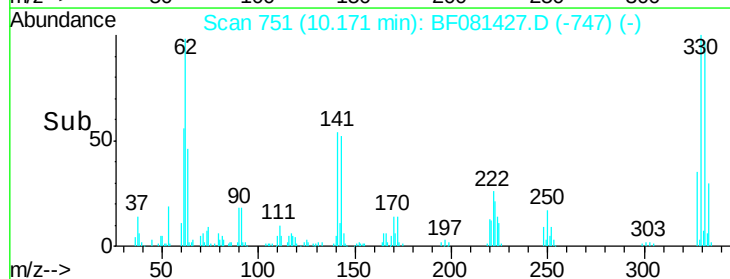
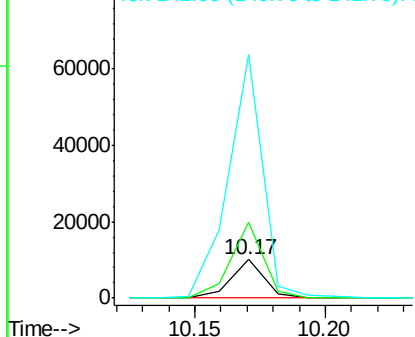


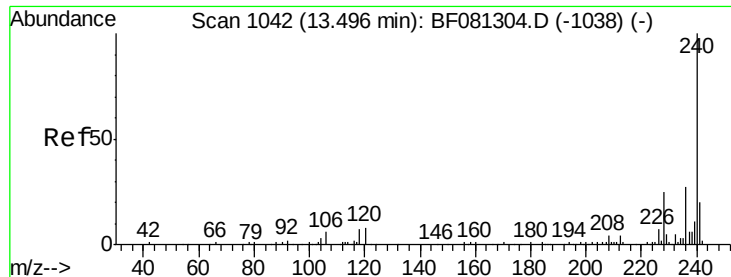
#66
 4-Bromophenyl-phenylether
 Concen: 3.57 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF081427.D
 Acq: 4 Sep 2015 19:21

Tgt Ion:248 Resp: 8813
 Ion Ratio Lower Upper
 248 100
 250 196.4 78.5 117.7#
 141 630.4 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: BF081427.D

Acq: 4 Sep 2015 19:21

Instrument :

BNA_F

ClientSampleId :

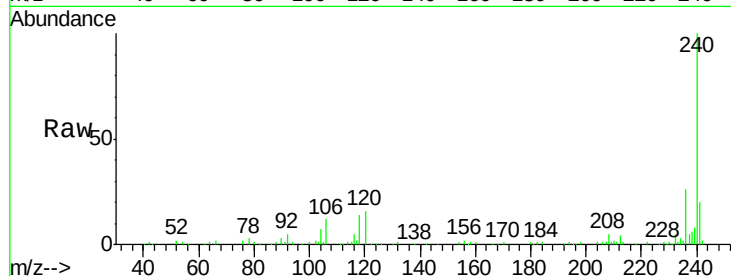
Tot Ion:240 Resp: 194646

Ion Ratio Lower Upper

240 100

120 15.9 16.2 24.2#

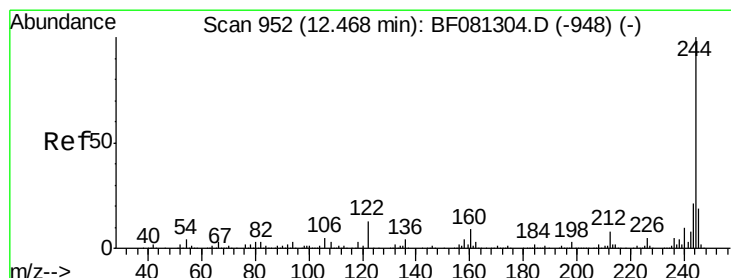
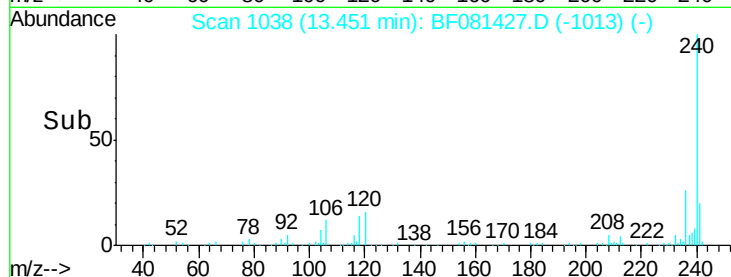
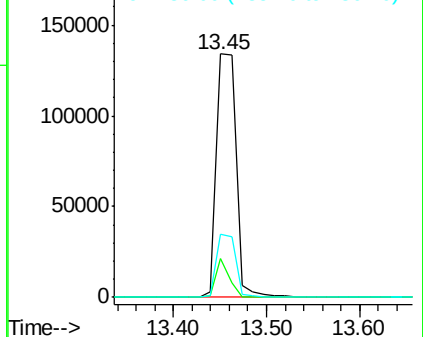
236 26.2 18.4 27.6



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: 74.57 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF081427.D

Acq: 4 Sep 2015 19:21

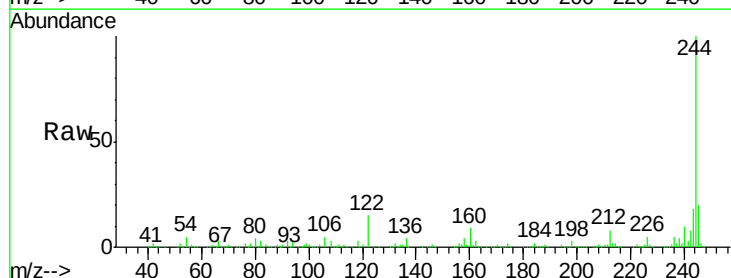
Tgt Ion:244 Resp: 623542

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

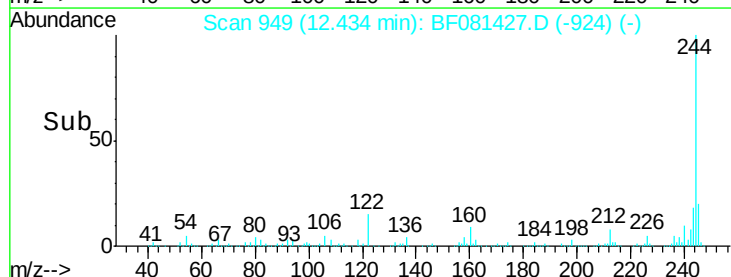
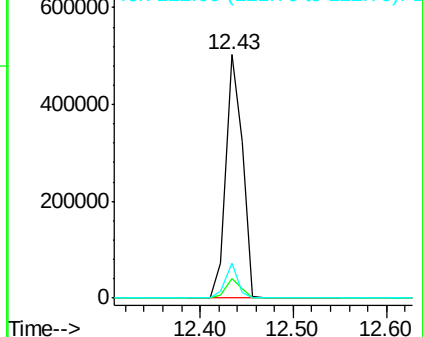
122 14.5 17.4 26.2#

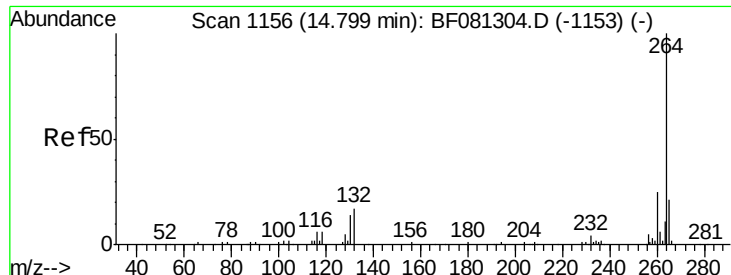


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081427.D
Acq: 4 Sep 2015 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 139010

Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.1	17.2	25.8

