

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081960.D
 Acq On : 2 Oct 2015 1:44
 Operator : UM/IZ
 Sample : G3857-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMP

Quant Time: Oct 02 04:25:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

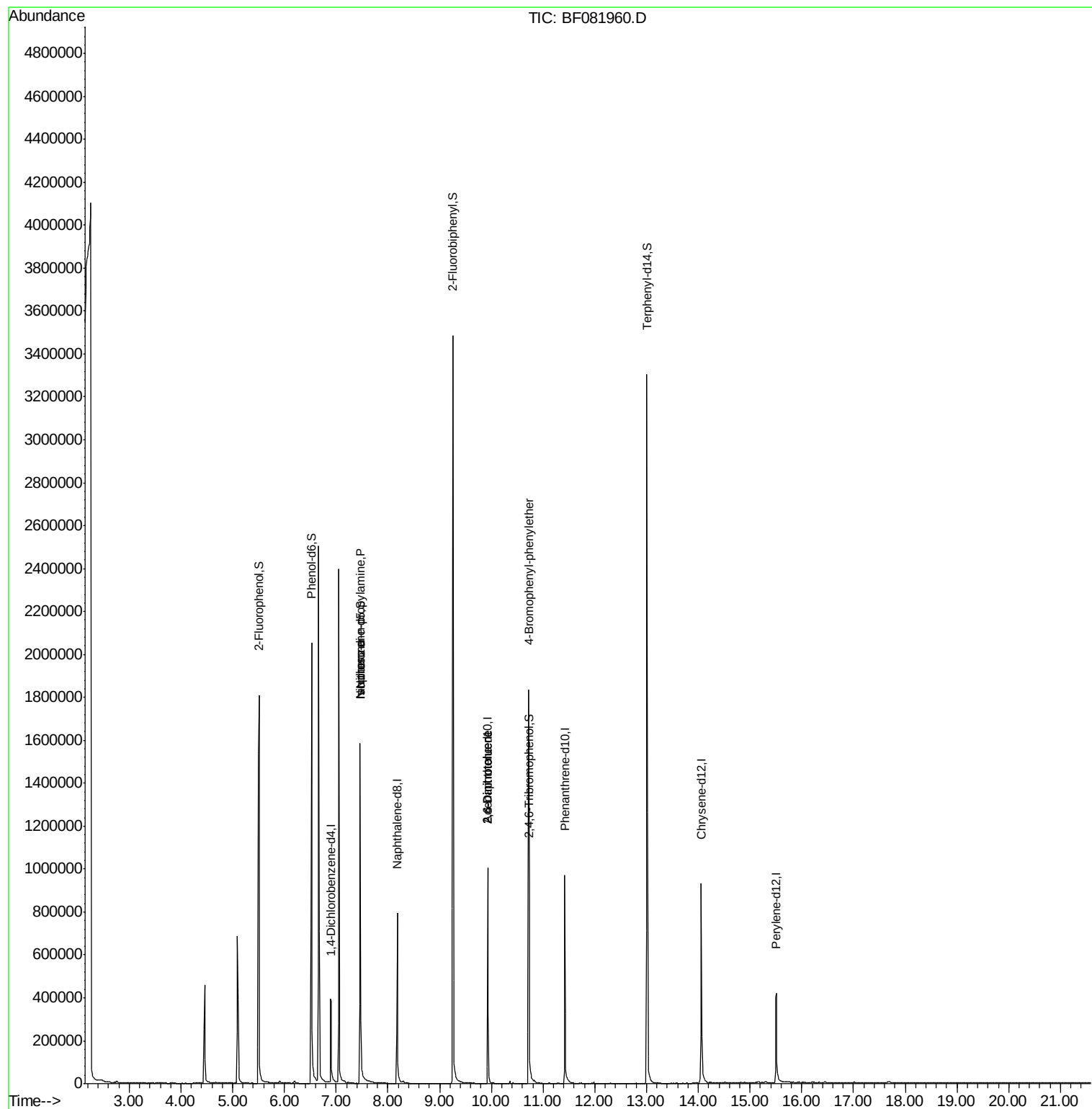
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	114180	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	462865	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	229036	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	464585	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	437484	20.00	ng	-0.06
86) Perylene-d12	15.51	264	298141	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	766885	121.93	ng	-0.01
7) Phenol-d6	6.53	99	850853	107.50	ng	-0.03
23) Nitrobenzene-d5	7.46	82	645581	92.97	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	312758	134.83	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1237568	91.85	ng	-0.05
78) Terphenyl-d14	13.01	244	1350752	107.38	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	80479	16.73	ng	# 58
25) Isophorone	7.46	82	557271	40.49	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	28280	8.24	ng	# 38
56) 2,4-Dinitrotoluene	9.93	165	28519	6.52	ng	# 32
57) Fluorene	10.72	166	11664	Below Cal	#	75
66) 4-Bromophenyl-phenylether	10.72	248	19701	4.21	ng	# 1
70) Phenanthrene	11.44	178	1142	Below Cal	#	62
73) Di-n-butylphthalate	11.98	149	3955	Below Cal	#	93

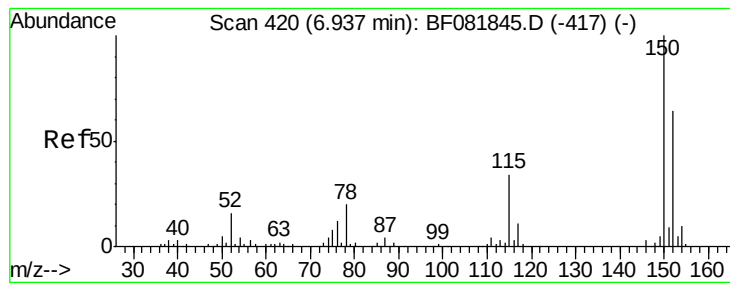
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081960.D
Acq On : 2 Oct 2015 1:44
Operator : UM/IZ
Sample : G3857-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1-COMP

Quant Time: Oct 02 04:25:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081960.D

Acq: 2 Oct 2015 1:44

Instrument :

BNA_F

ClientSampleId :

A1-COMP

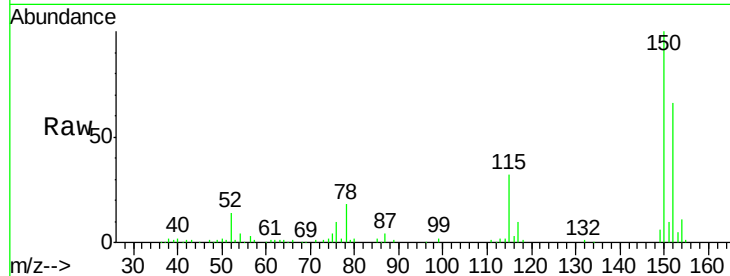
Tgt Ion:152 Resp: 114180

Ion Ratio Lower Upper

152 100

150 151.0 124.7 187.1

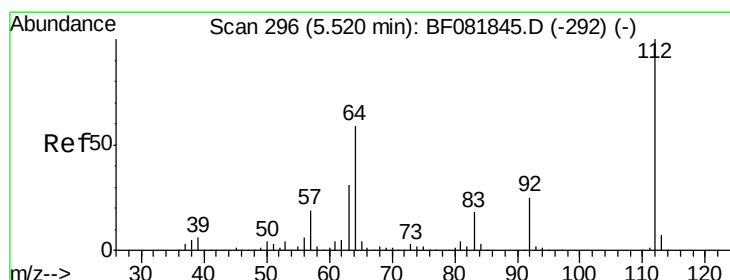
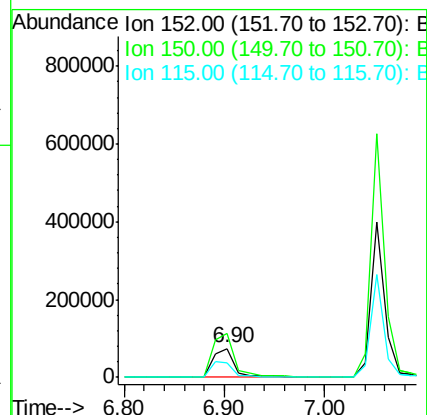
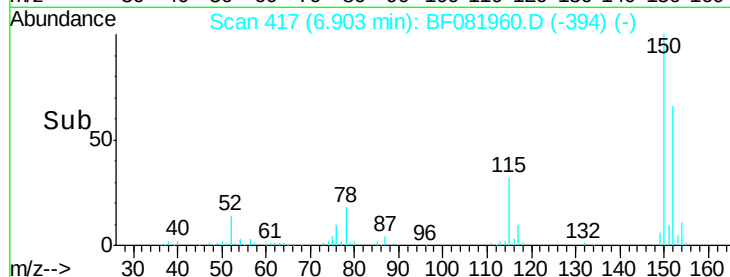
115 47.7 39.0 58.4



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: 121.93 ng

RT: 5.51 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF081960.D

Acq: 2 Oct 2015 1:44

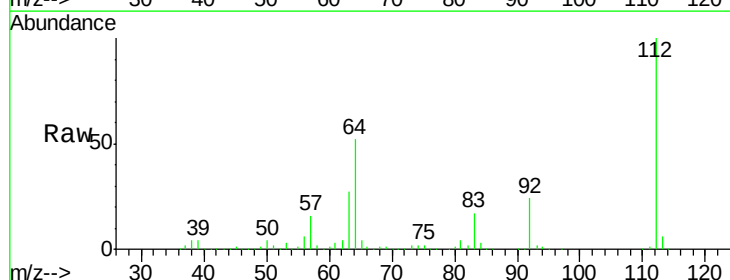
Tgt Ion:112 Resp: 766885

Ion Ratio Lower Upper

112 100

64 52.1 39.7 59.5

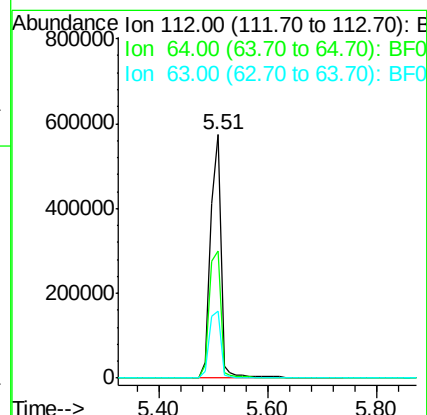
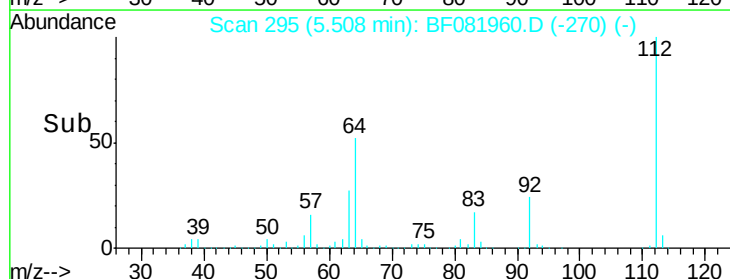
63 27.3 17.4 26.0#

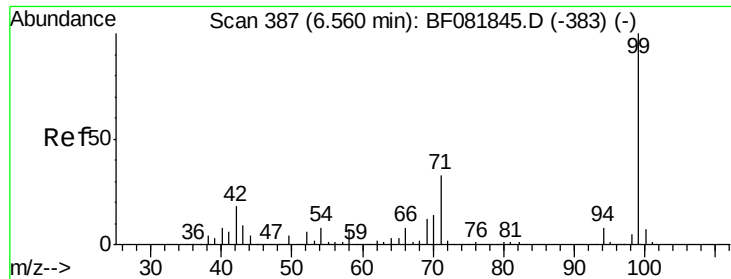


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.50 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081960.D

Acq: 2 Oct 2015 1:44

Instrument :

BNA_F

ClientSampleId :

A1-COMP

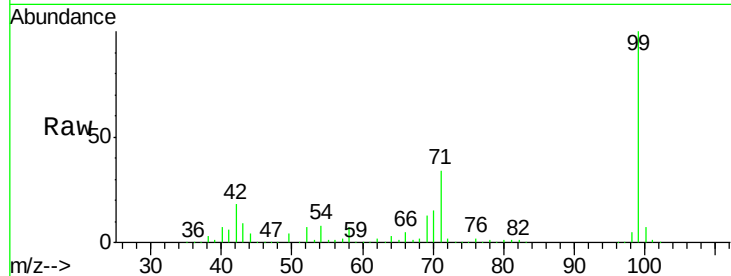
Tgt Ion: 99 Resp: 850853

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

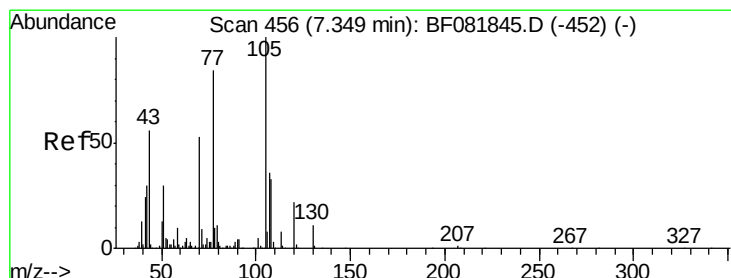
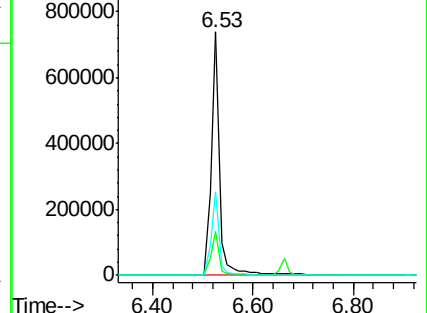
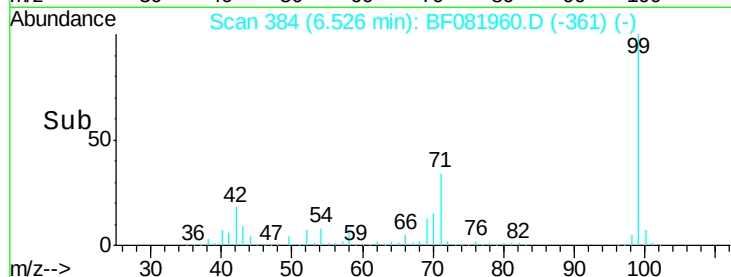
71 34.3 14.2 21.2#



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: 16.73 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081960.D

Acq: 2 Oct 2015 1:44

Tgt Ion: 70 Resp: 80479

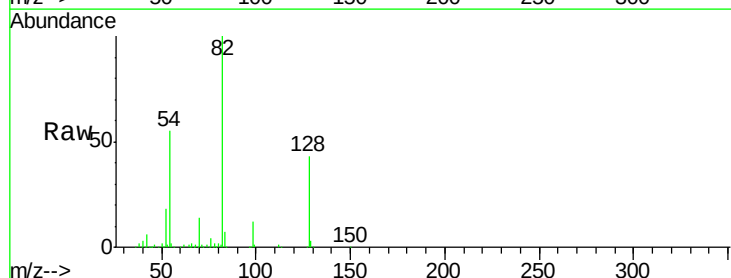
Ion Ratio Lower Upper

70 100

42 46.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

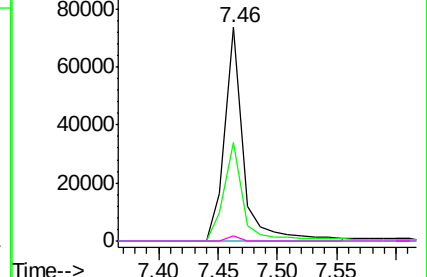
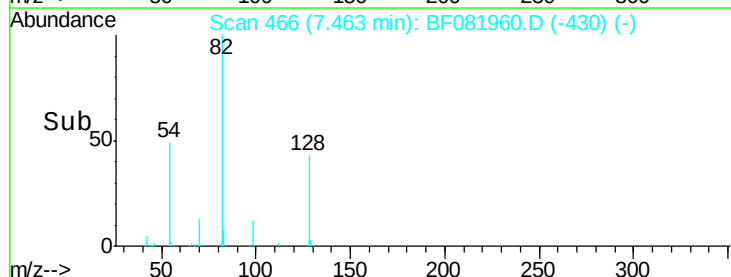


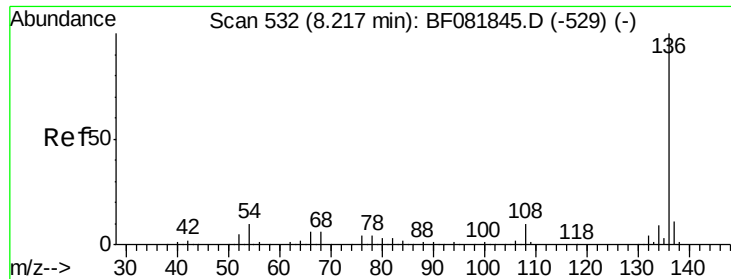
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

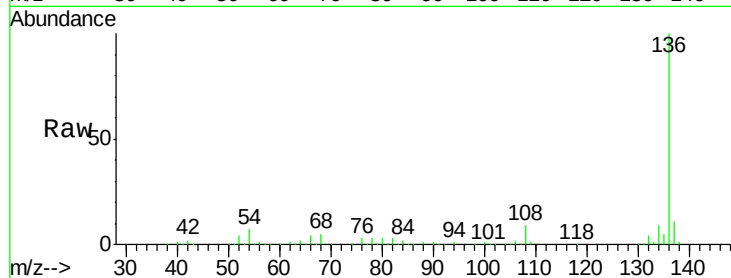




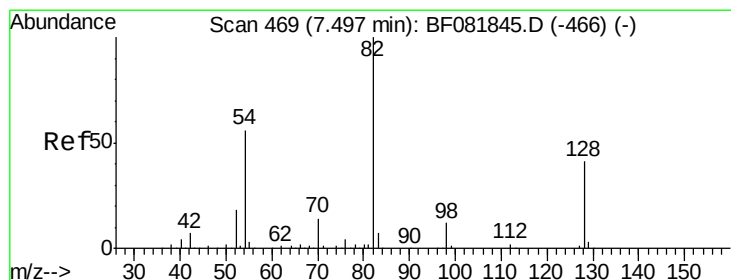
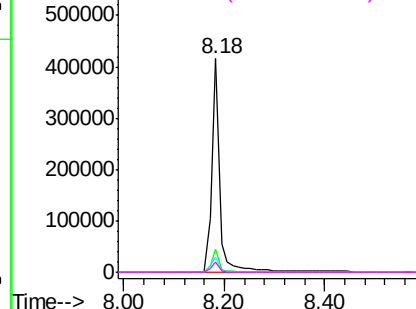
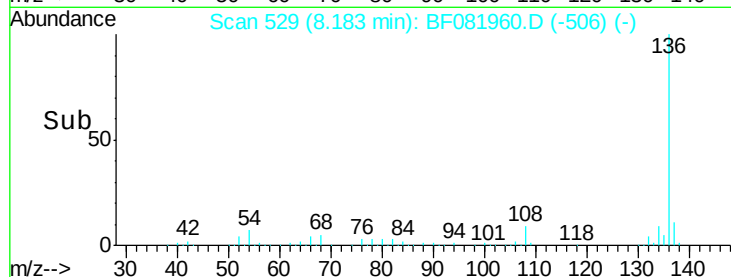
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081960.D
Acq: 2 Oct 2015 1:44

Instrument :
BNA_F
ClientSampleId :
A1-COMP

Tgt Ion: 136 Resp: 462865
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.0 8.2 12.2#
68 4.8 5.8 8.6#

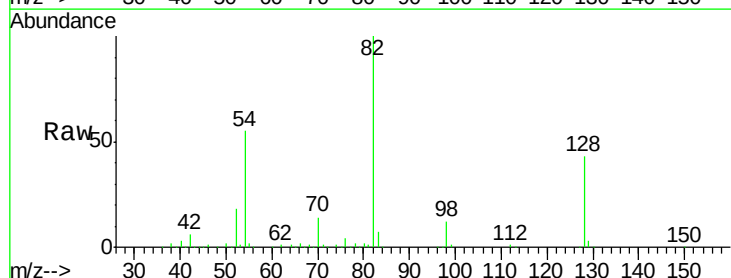


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

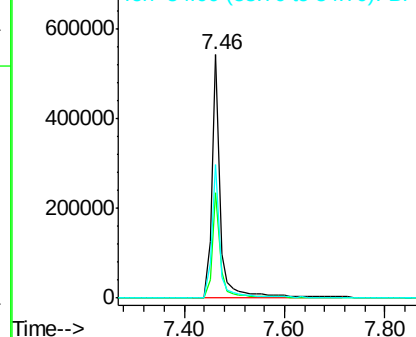
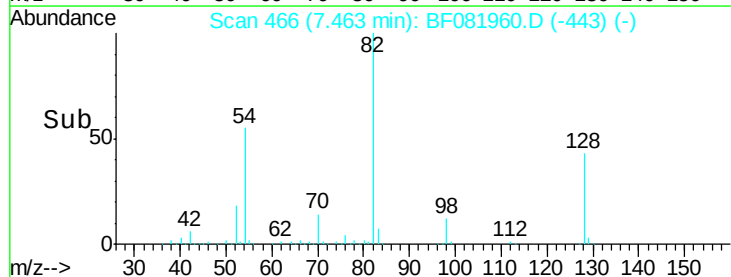


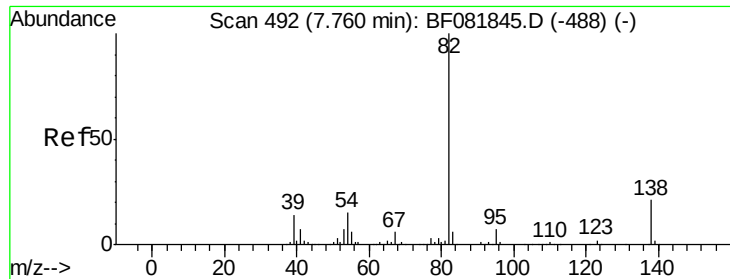
#23
Nitrobenzene-d5
Concen: 92.97 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081960.D
Acq: 2 Oct 2015 1:44

Tgt Ion: 82 Resp: 645581
Ion Ratio Lower Upper
82 100
128 43.1 51.0 76.6#
54 54.6 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

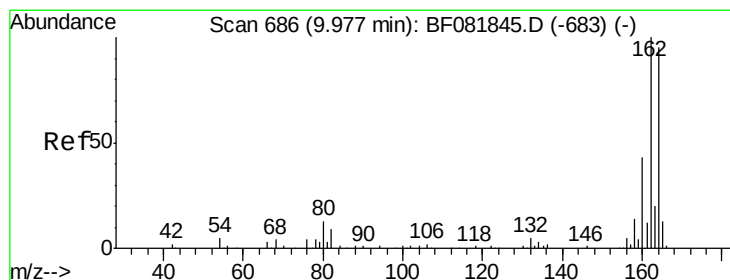
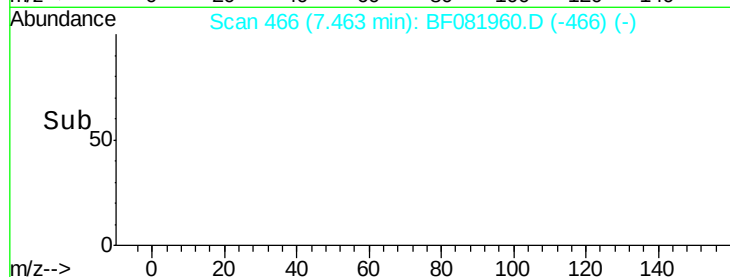
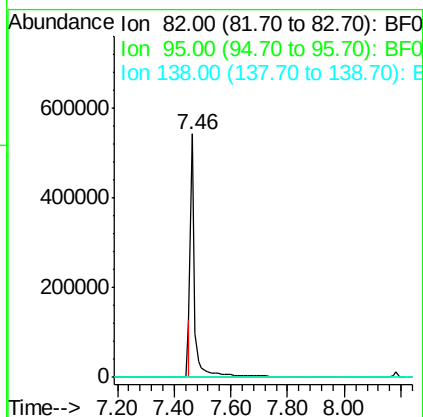
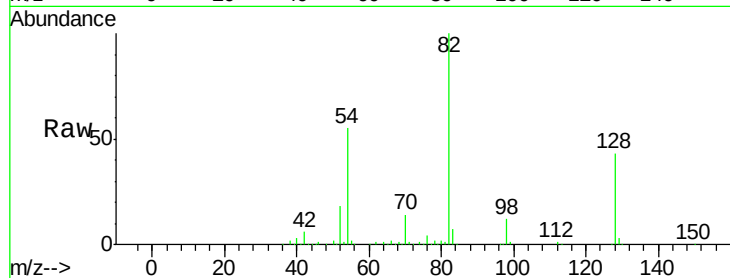




#25
Isophorone
Concen: 40.49 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.30 min
Lab File: BF081960.D
Acq: 2 Oct 2015 1:44

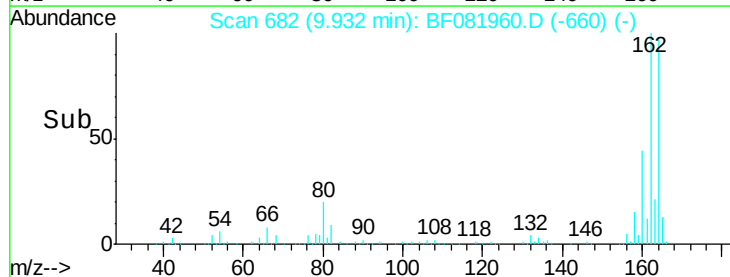
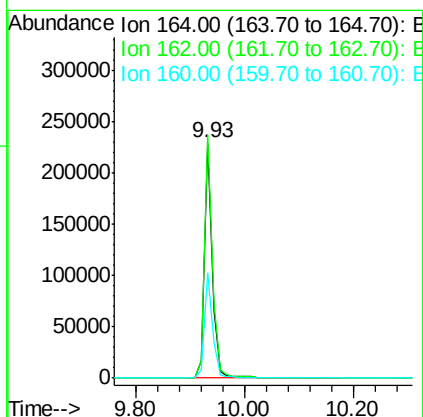
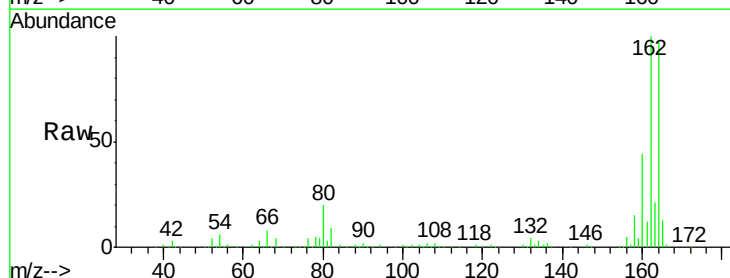
Instrument :
BNA_F
ClientSampleId :
A1-COMP

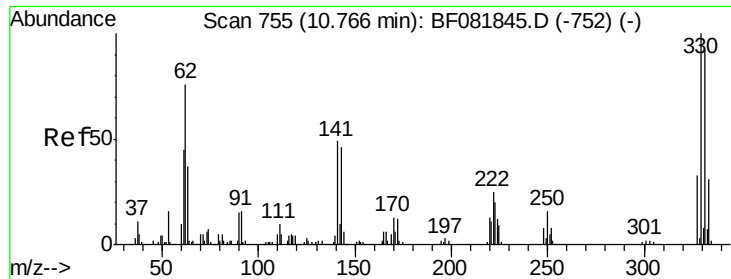
Tgt Ion: 82 Resp: 557271
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081960.D
Acq: 2 Oct 2015 1:44

Tgt Ion: 164 Resp: 229036
Ion Ratio Lower Upper
164 100
162 103.6 75.2 112.8
160 45.1 31.5 47.3

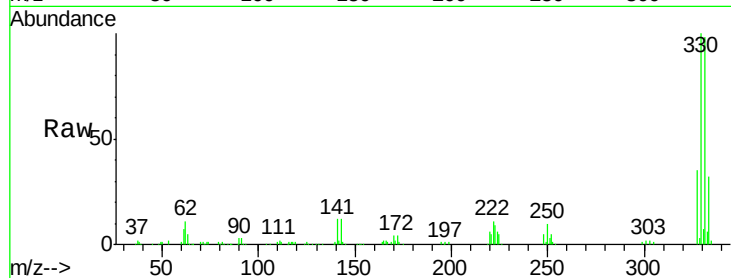




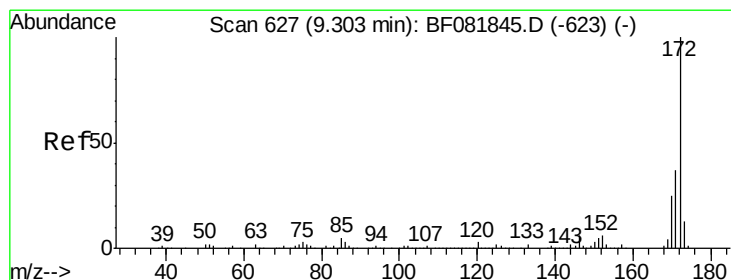
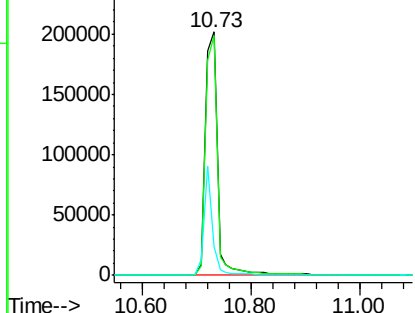
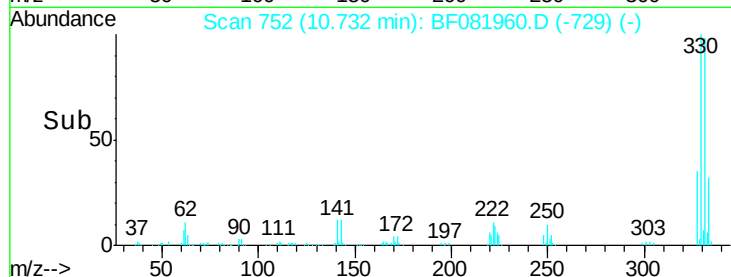
#41
 2,4,6-Tribromophenol
 Concen: 134.83 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081960.D
 Acq: 2 Oct 2015 1:44

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMP

Tgt Ion:330 Resp: 312758
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 31.9 29.7 44.5

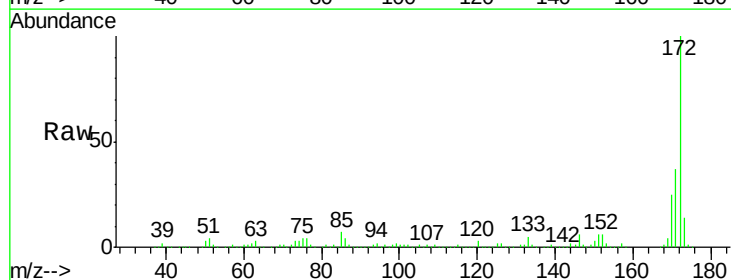


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

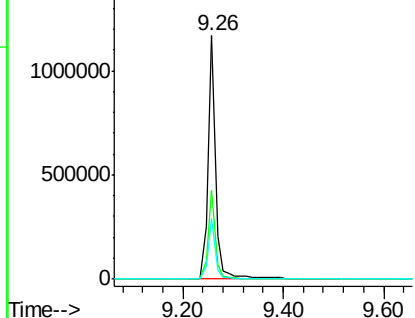
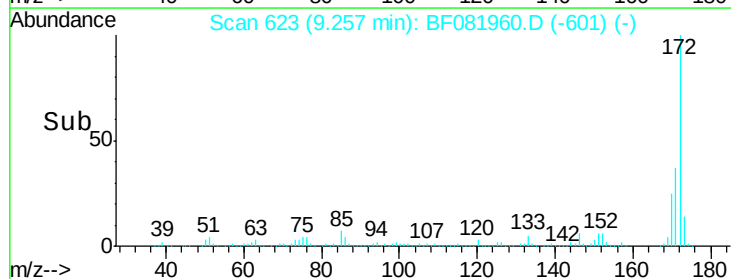


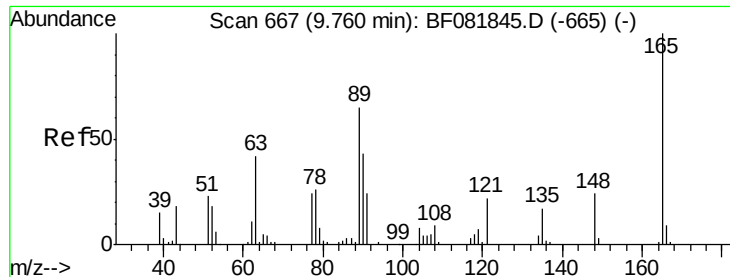
#44
 2-Fluorobiphenyl
 Concen: 91.85 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081960.D
 Acq: 2 Oct 2015 1:44

Tgt Ion:172 Resp: 1237568
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 24.9 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

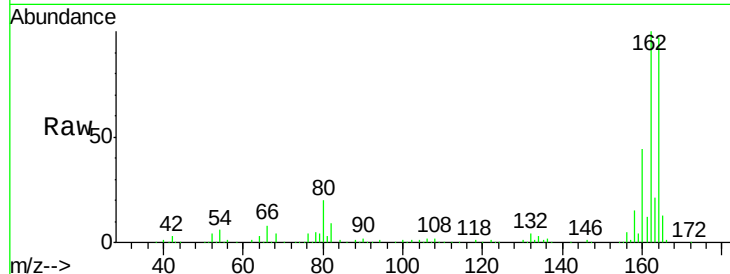




#50
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 9.93 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081960.D
 Acq: 2 Oct 2015 1:44

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMP

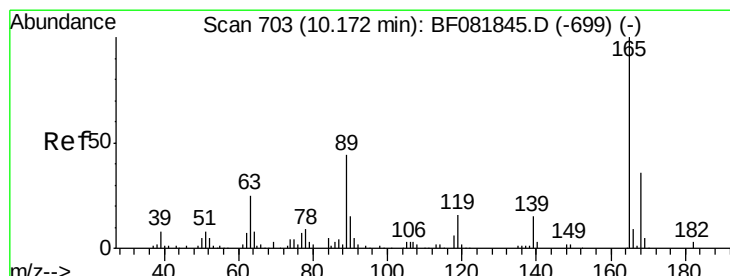
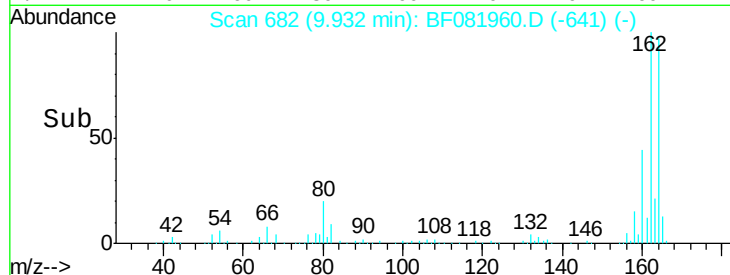
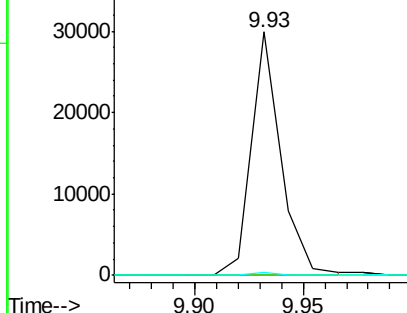
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	1.1	28.6	43.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.52 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF081960.D
 Acq: 2 Oct 2015 1:44

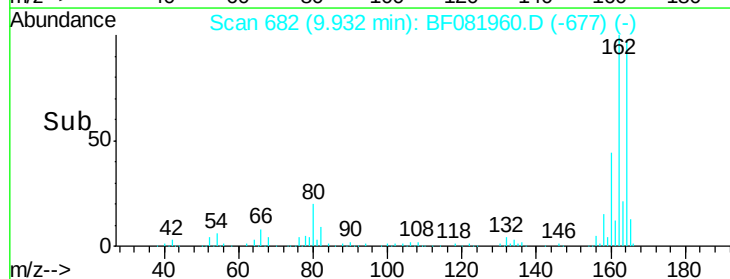
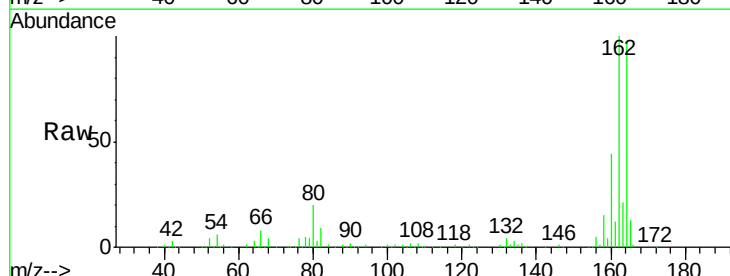
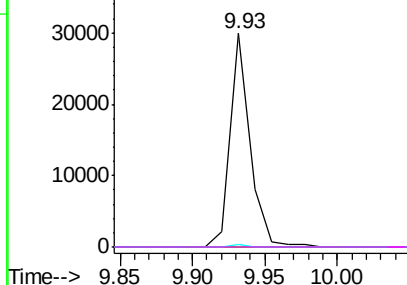
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

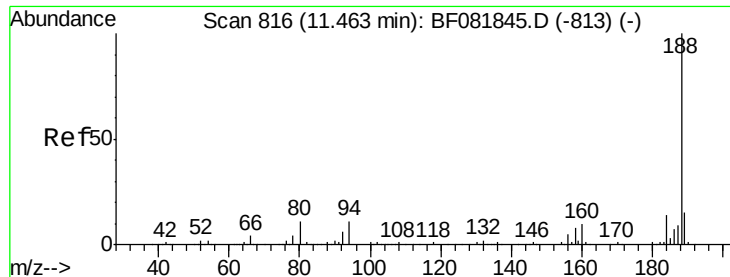
Abundance Ion 165.00 (164.70 to 165.70): E

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

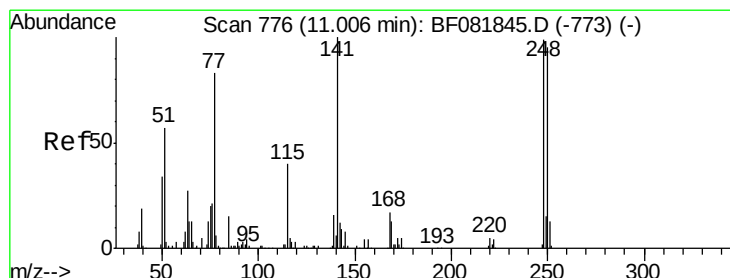
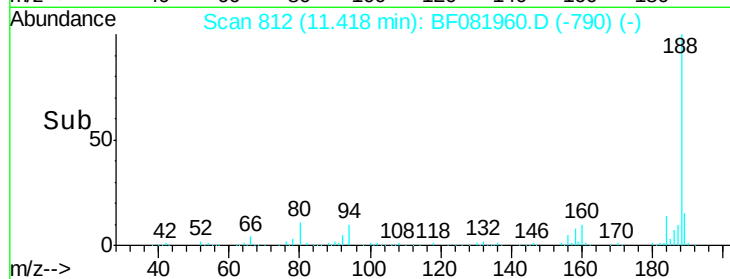
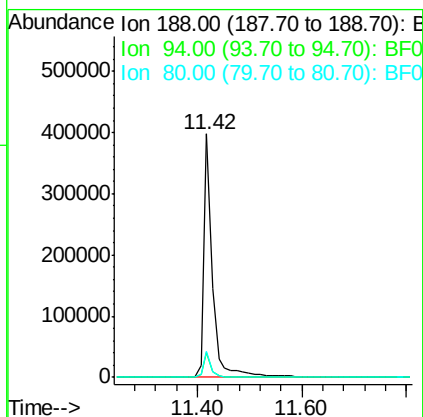
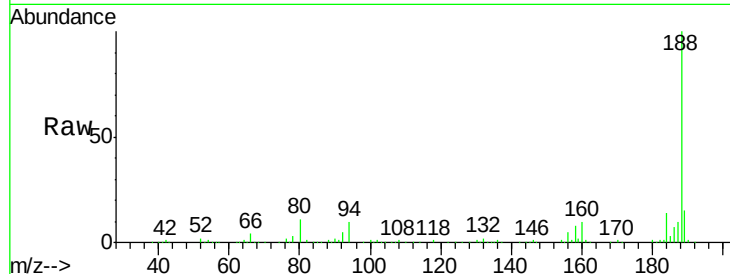




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081960.D
 Acq: 2 Oct 2015 1:44

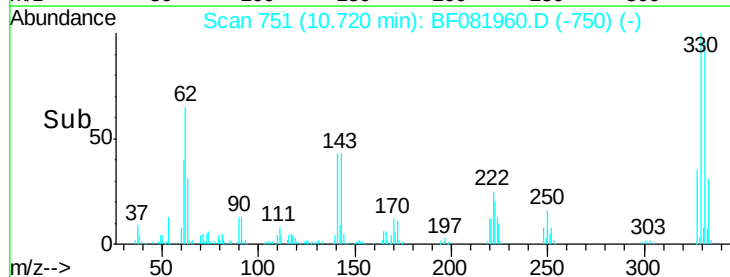
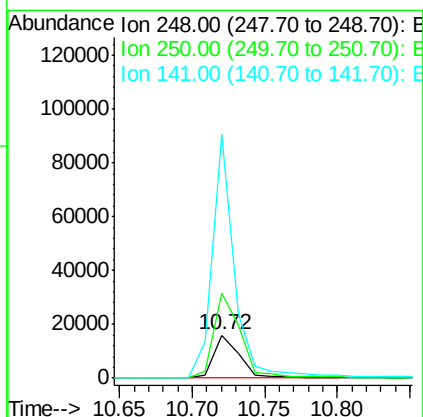
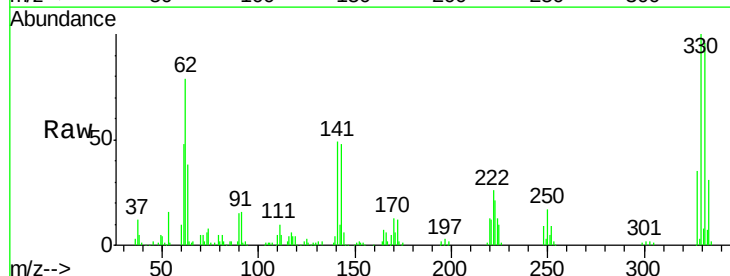
Instrument :
 BNA_F
 ClientSampleId :
 A1-COMP

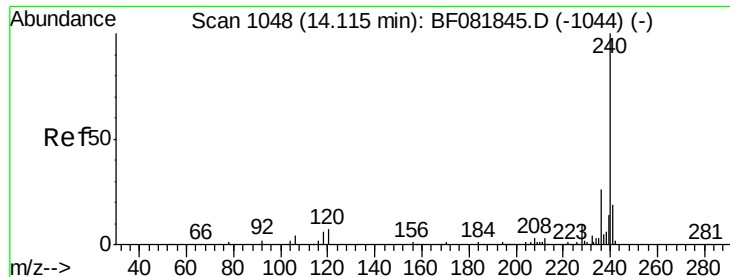
Tgt Ion:188 Resp: 464585
 Ion Ratio Lower Upper
 188 100
 94 9.9 11.1 16.7#
 80 10.6 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.21 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF081960.D
 Acq: 2 Oct 2015 1:44

Tgt Ion:248 Resp: 19701
 Ion Ratio Lower Upper
 248 100
 250 196.7 78.5 117.7#
 141 562.5 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081960.D

Acq: 2 Oct 2015 1:44

Instrument :

BNA_F

ClientSampleId :

A1-COMP

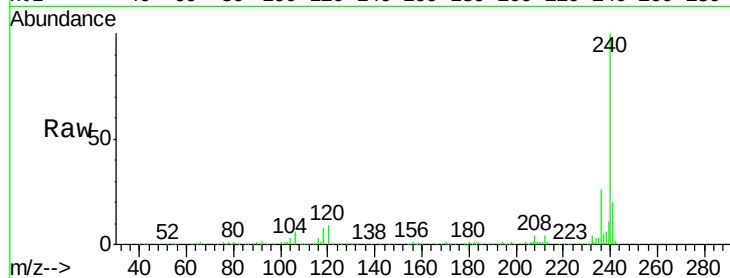
Tgt Ion:240 Resp: 437484

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

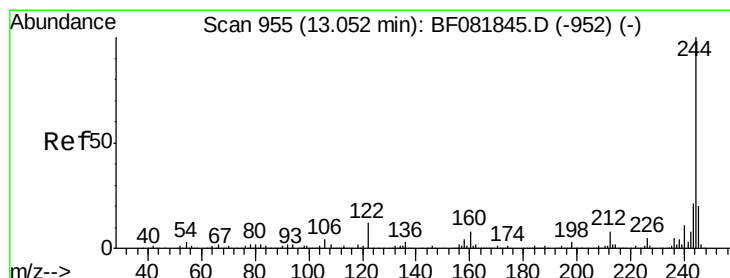
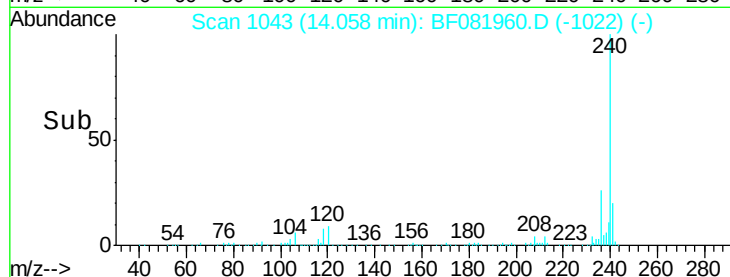
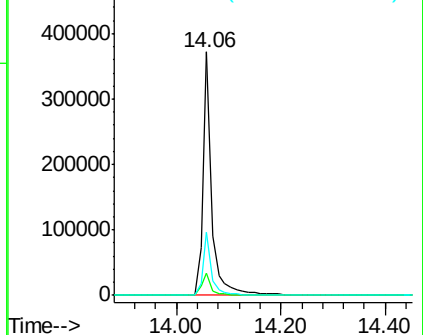
236 26.0 18.4 27.6



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: 107.38 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081960.D

Acq: 2 Oct 2015 1:44

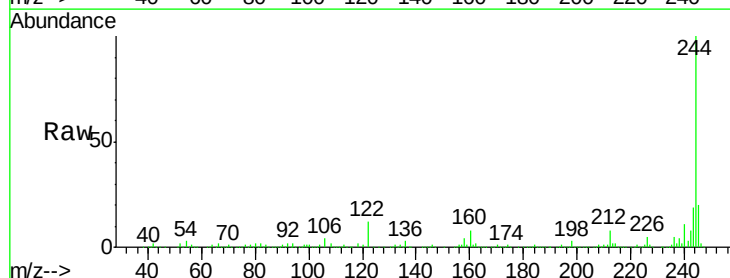
Tgt Ion:244 Resp: 1350752

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

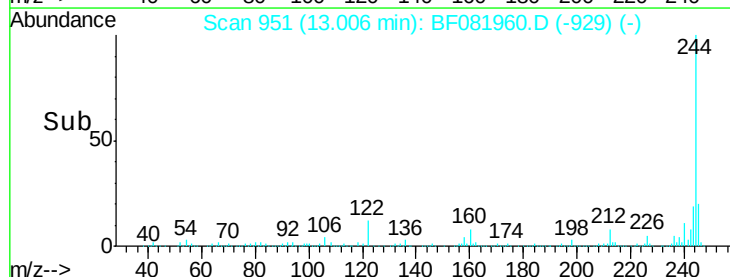
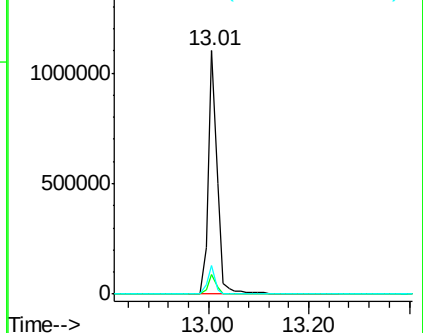
122 11.7 17.4 26.2#

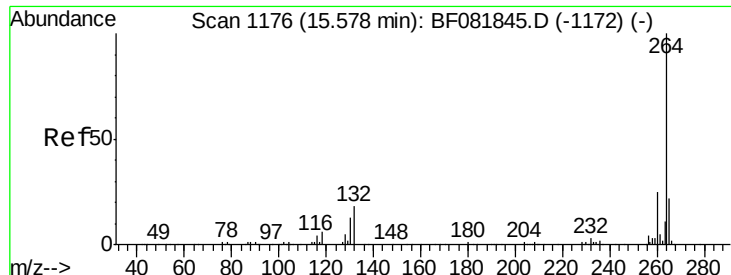


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

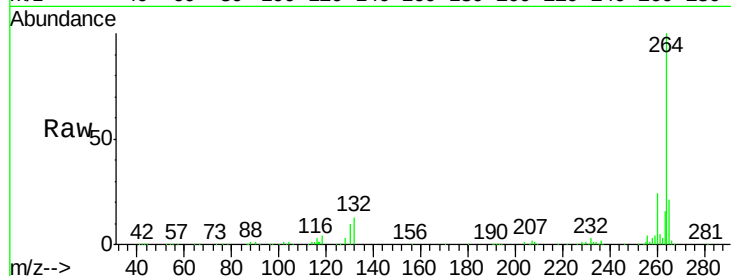




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF081960.D
Acq: 2 Oct 2015 1:44

Instrument :
BNA_F
ClientSampleId :
A1-COMP

Tgt Ion: 264 Resp: 298141
Ion Ratio Lower Upper
264 100
260 24.0 16.7 25.1
265 20.9 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

