

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081964.D
 Acq On : 2 Oct 2015 3:45
 Operator : UM/IZ
 Sample : G3857-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMP

Quant Time: Oct 02 04:28:35 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

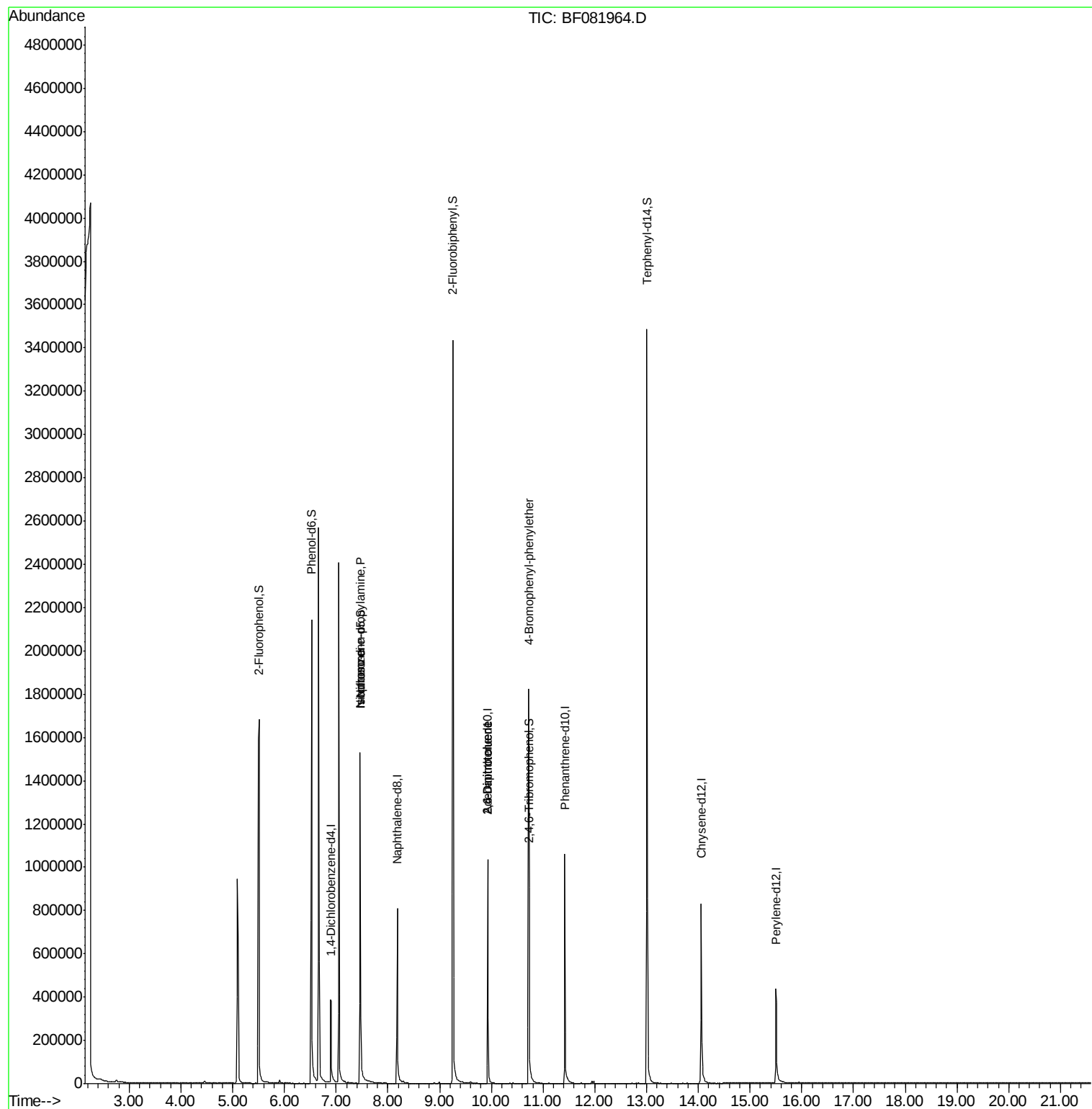
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	113150	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	468277	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	233683	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	473646	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	422967	20.00	ng	-0.06
86) Perylene-d12	15.50	264	305988	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	757386	121.51	ng	-0.01
7) Phenol-d6	6.53	99	866628	110.49	ng	-0.03
23) Nitrobenzene-d5	7.46	82	633574	90.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	314694	132.97	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1242827	90.03	ng	-0.05
78) Terphenyl-d14	13.01	244	1297957	106.36	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	80372	16.86	ng	# 58
25) Isophorone	7.46	82	547363	39.31	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	28380	8.10	ng	# 39
56) 2,4-Dinitrotoluene	9.93	165	28617	6.41	ng	# 34
57) Fluorene	10.48	166	579	Below Cal	#	95
66) 4-Bromophenyl-phenylether	10.72	248	19118	4.00	ng	# 1
70) Phenanthrene	11.44	178	1576	Below Cal	#	92
73) Di-n-butylphthalate	11.98	149	7407	Below Cal	#	97

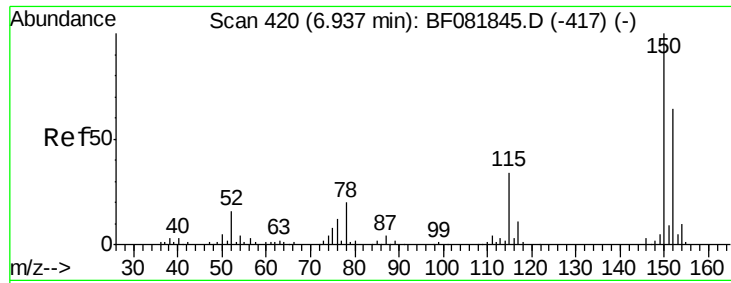
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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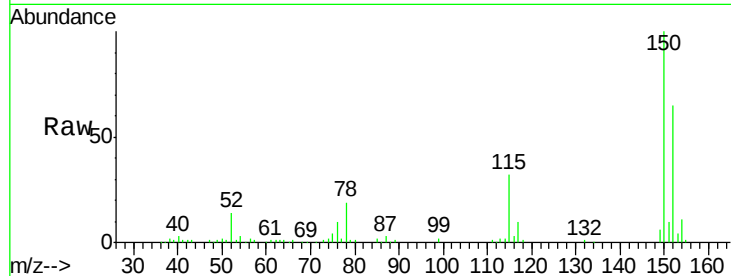


#1

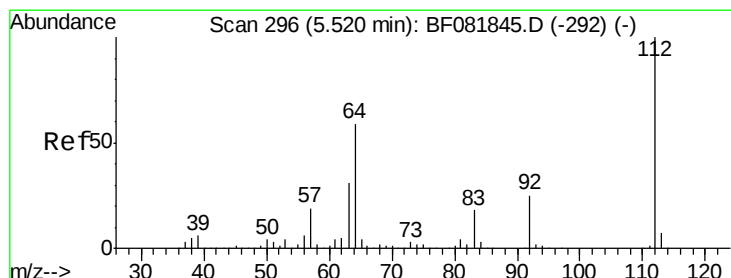
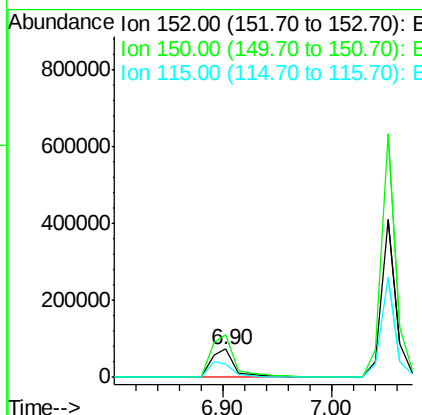
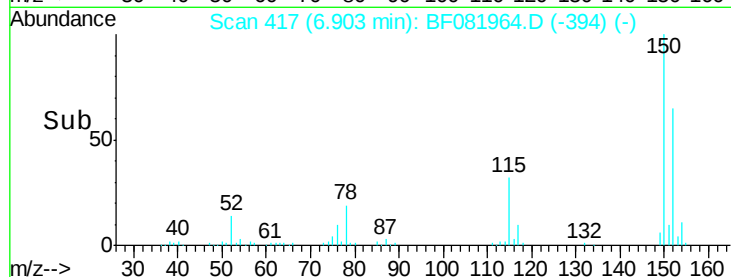
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081964.D
Acq: 2 Oct 2015 3:45

Instrument :
BNA_F
ClientSampleId :
A3-COMP

Tgt Ion:152 Resp: 113150
Ion Ratio Lower Upper
152 100
150 152.9 124.7 187.1
115 48.2 39.0 58.4



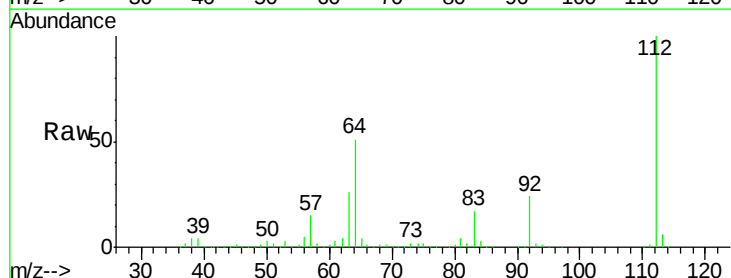
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



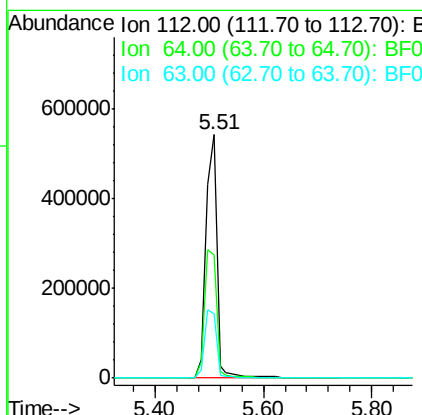
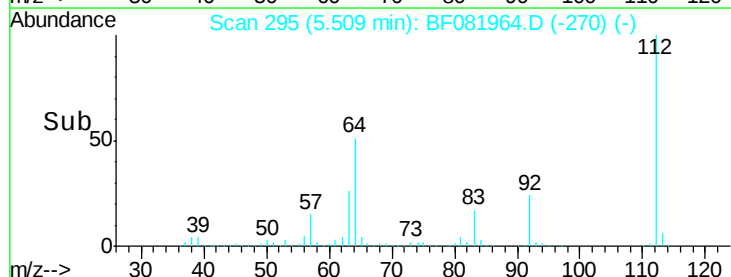
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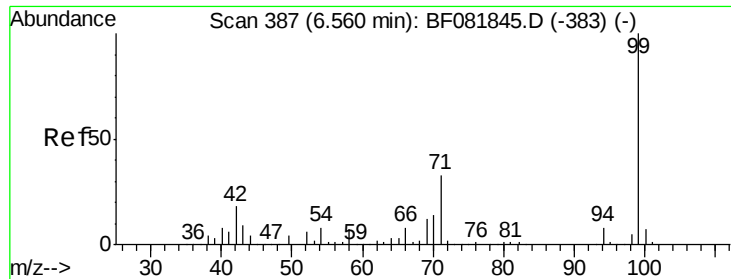
2-Fluorophenol
Concen: 121.51 ng
RT: 5.51 min Scan# 295
Delta R.T. -0.01 min
Lab File: BF081964.D
Acq: 2 Oct 2015 3:45

Tgt Ion:112 Resp: 757386
Ion Ratio Lower Upper
112 100
64 50.6 39.7 59.5
63 26.4 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: 110.49 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081964.D

Acq: 2 Oct 2015 3:45

Instrument :

BNA_F

ClientSampleId :

A3-COMP

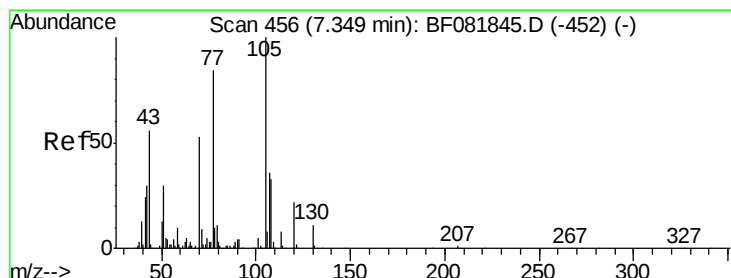
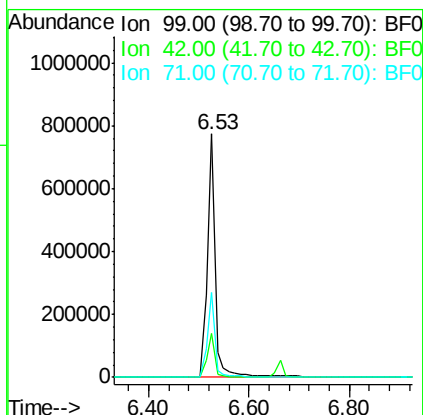
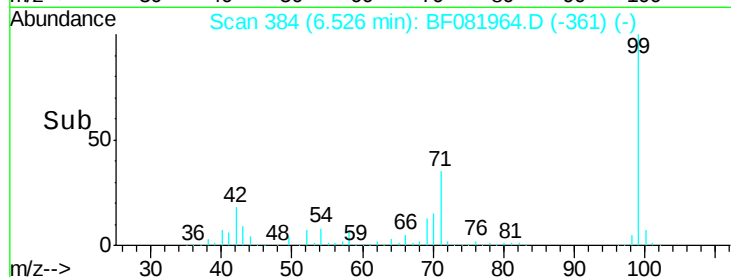
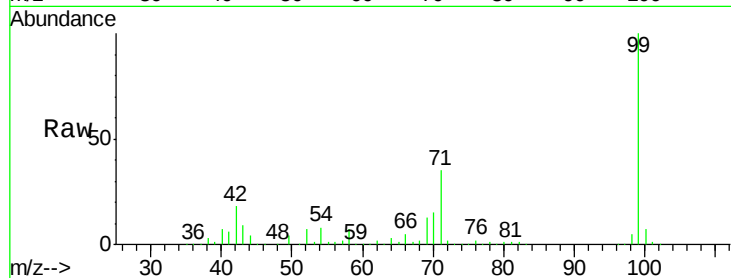
Tgt Ion: 99 Resp: 866628

Ion Ratio Lower Upper

99 100

42 18.2 13.7 20.5

71 34.9 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 16.86 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081964.D

Acq: 2 Oct 2015 3:45

Tgt Ion: 70 Resp: 80372

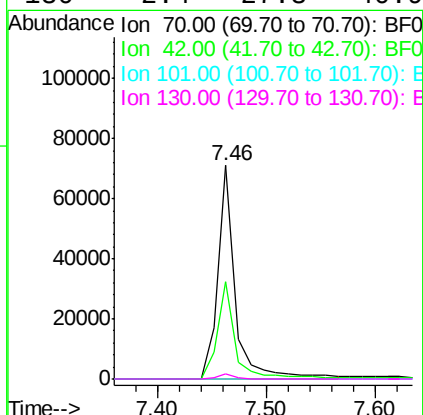
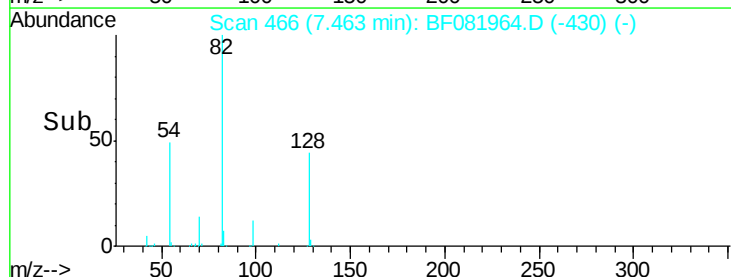
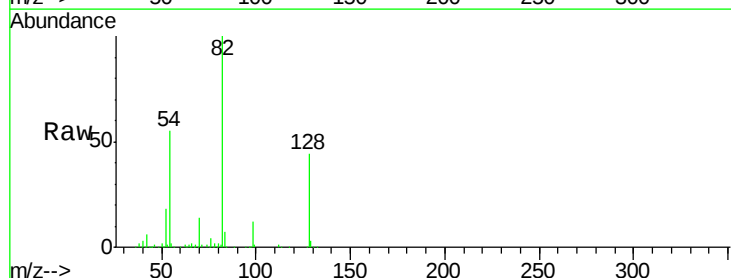
Ion Ratio Lower Upper

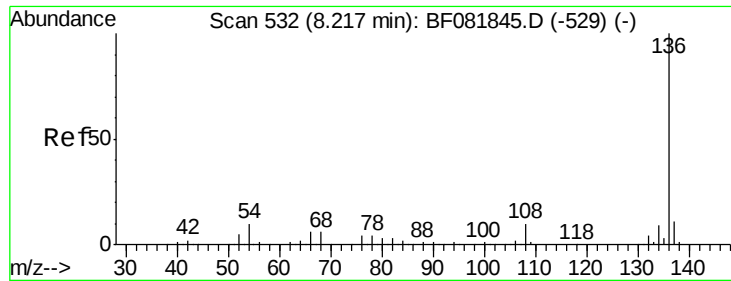
70 100

42 45.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

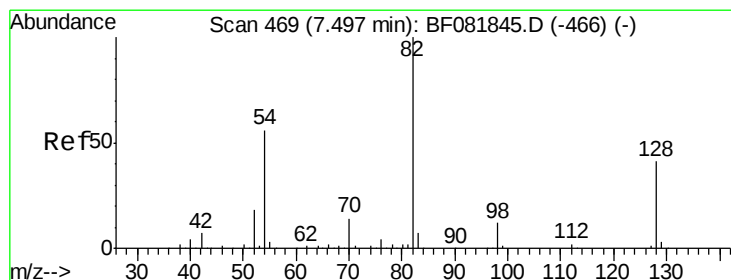
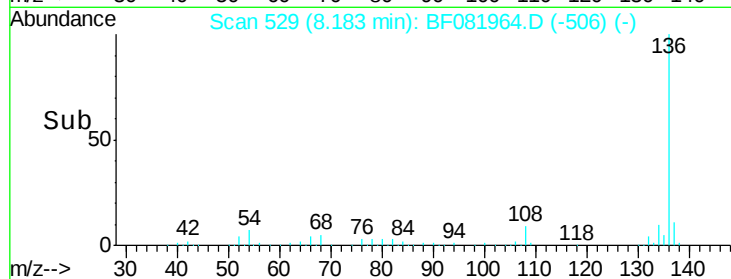
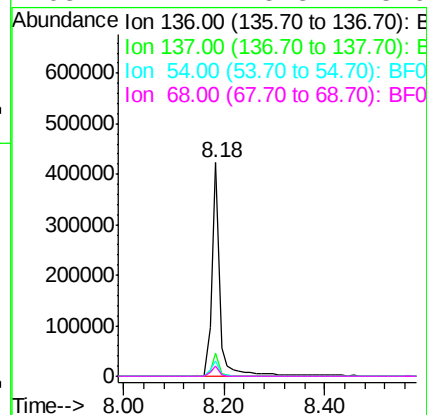
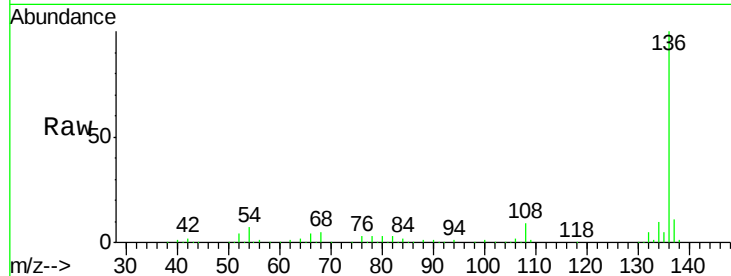




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081964.D
Acq: 2 Oct 2015 3:45

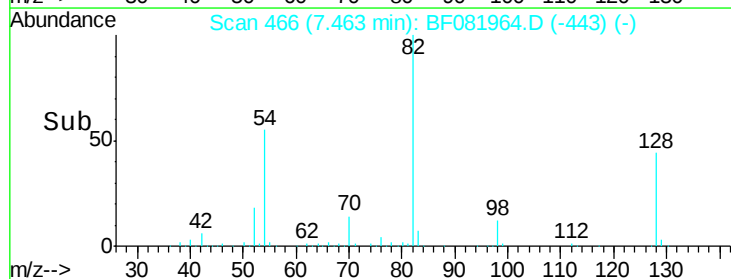
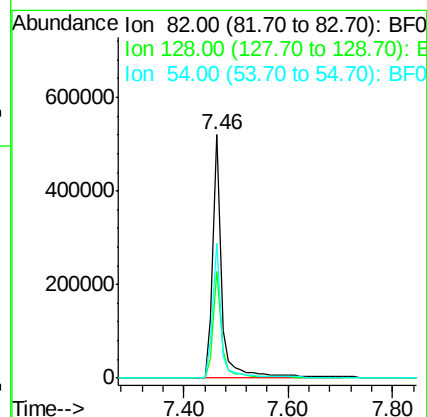
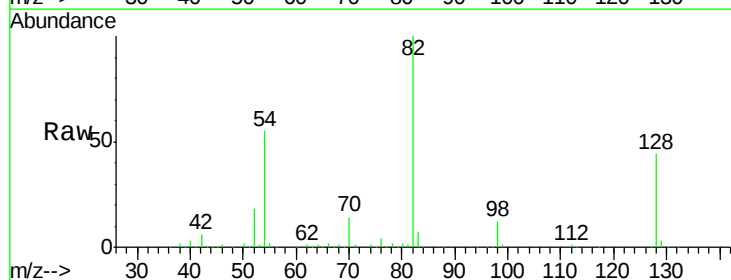
Instrument :
BNA_F
ClientSampleId :
A3-COMP

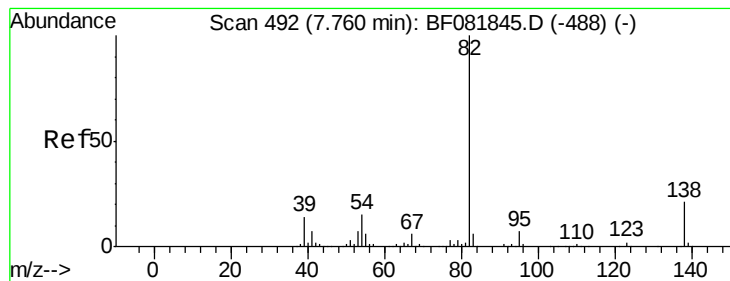
Tgt Ion: 136 Resp: 468277
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.0 8.2 12.2#
68 4.7 5.8 8.6#



#23
Nitrobenzene-d5
Concen: 90.19 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081964.D
Acq: 2 Oct 2015 3:45

Tgt Ion: 82 Resp: 633574
Ion Ratio Lower Upper
82 100
128 43.9 51.0 76.6#
54 55.1 47.5 71.3





#25

Isophorone

Concen: 39.31 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081964.D

Acq: 2 Oct 2015 3:45

Instrument :

BNA_F

ClientSampleId :

A3-COMP

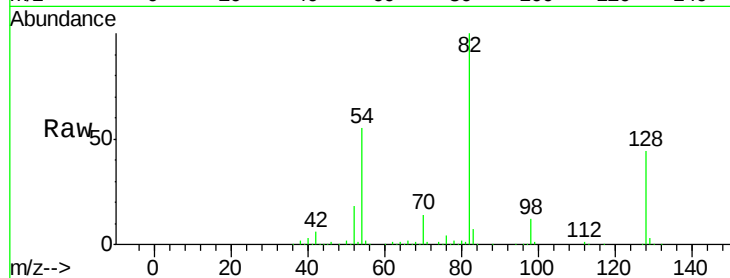
Tgt Ion: 82 Resp: 547363

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

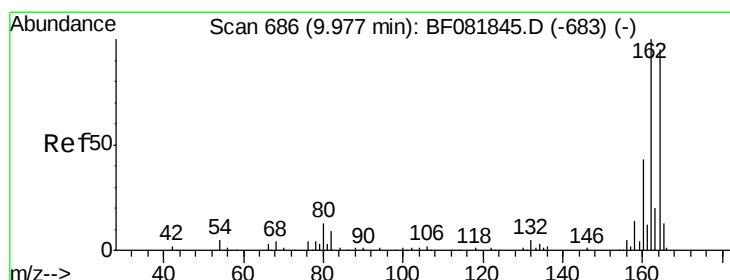
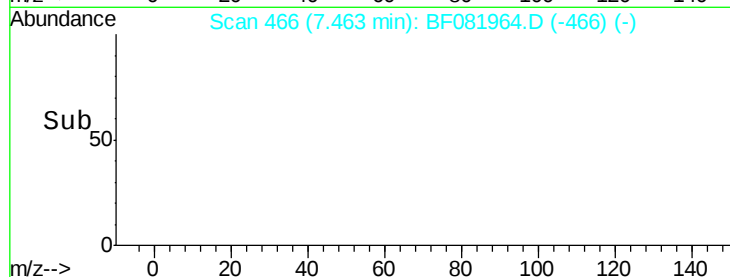
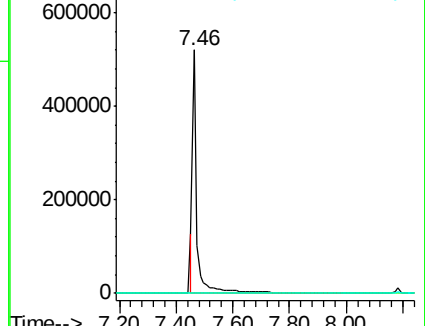
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081964.D

Acq: 2 Oct 2015 3:45

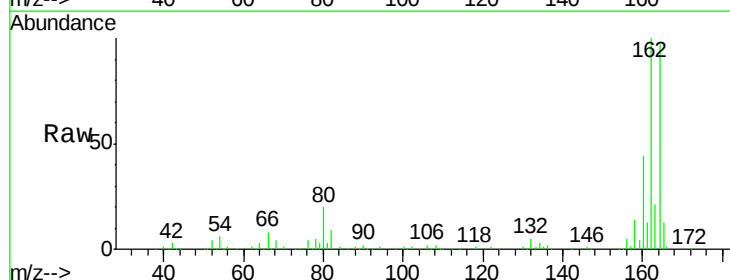
Tgt Ion: 164 Resp: 233683

Ion Ratio Lower Upper

164 100

162 103.2 75.2 112.8

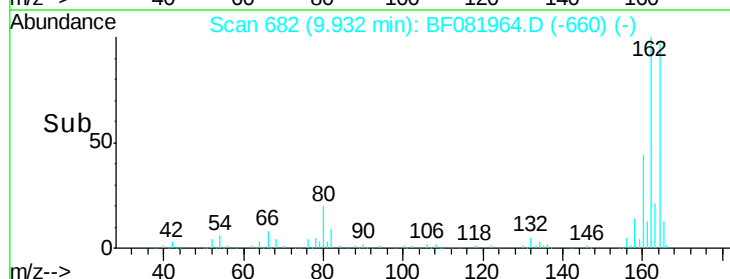
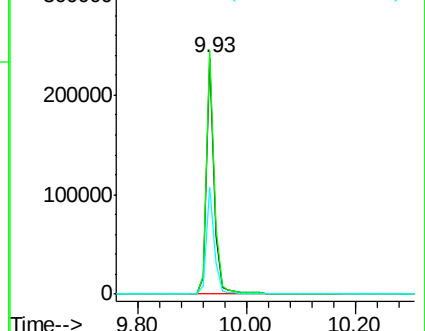
160 45.2 31.5 47.3



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

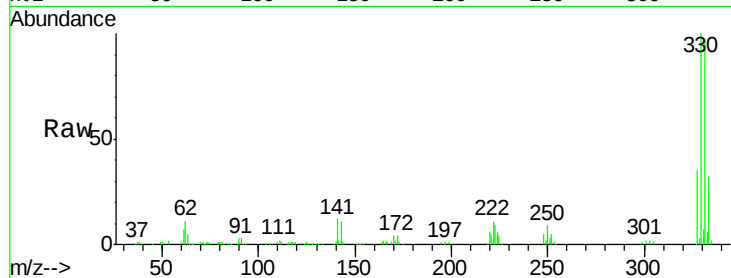




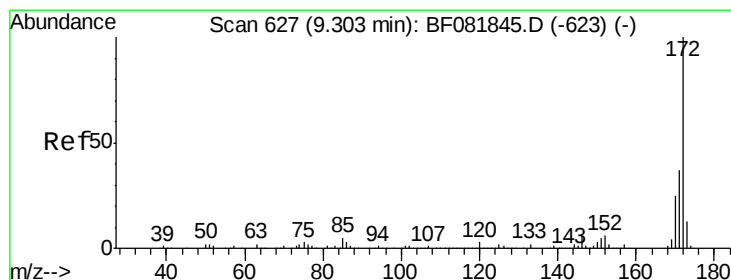
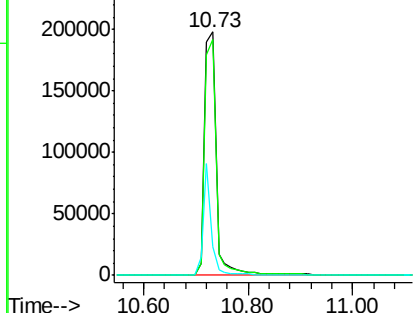
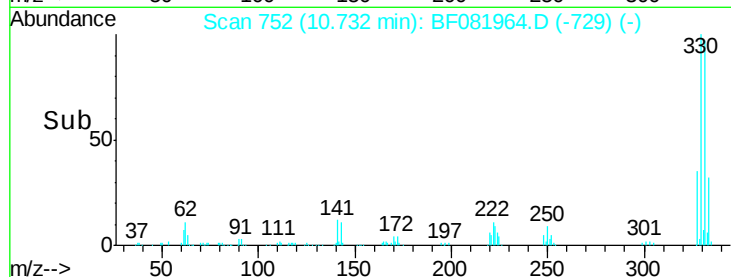
#41
 2,4,6-Tribromophenol
 Concen: 132.97 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081964.D
 Acq: 2 Oct 2015 3:45

Instrument :
 BNA_F
 ClientSampled :
 A3-COMP

Tgt Ion:330 Resp: 314694
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 31.7 29.7 44.5

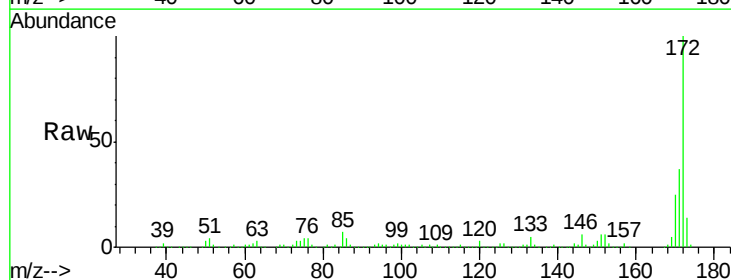


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

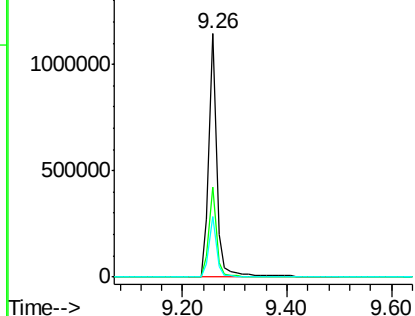
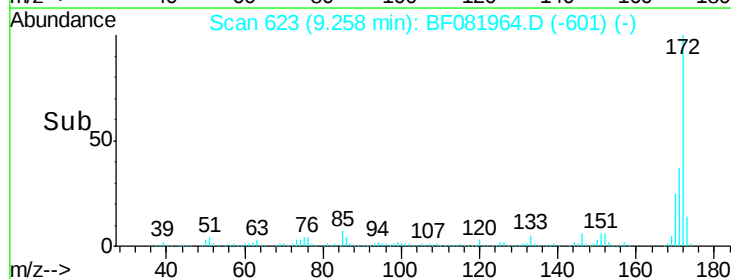


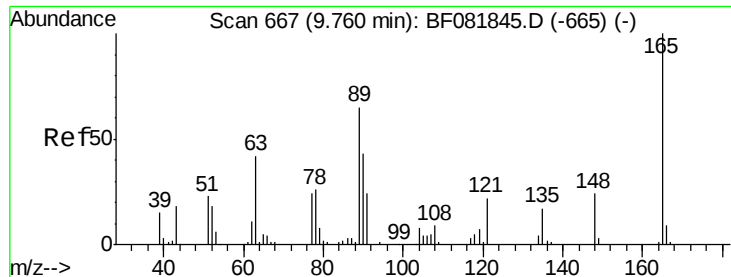
#44
 2-Fluorobiphenyl
 Concen: 90.03 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081964.D
 Acq: 2 Oct 2015 3:45

Tgt Ion:172 Resp: 1242827
 Ion Ratio Lower Upper
 172 100
 171 36.9 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: 8.10 ng

RT: 9.93 min Scan# 682

Delta R.T. 0.17 min

Lab File: BF081964.D

Acq: 2 Oct 2015 3:45

Instrument :

BNA_F

ClientSampleId :

A3-COMP

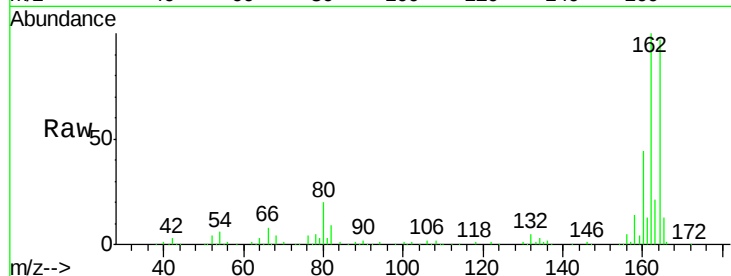
Tgt Ion:165 Resp: 28380

Ion Ratio Lower Upper

165 100

63 1.3 32.3 48.5#

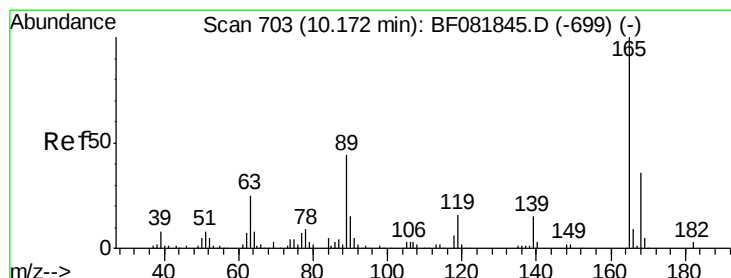
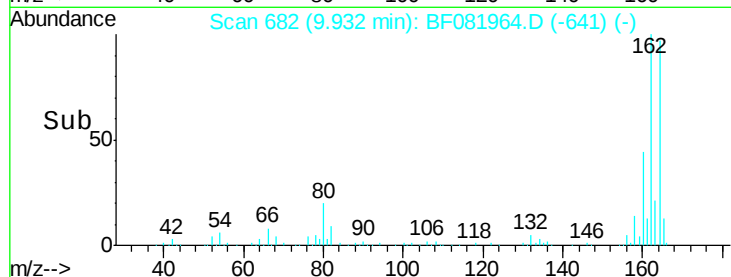
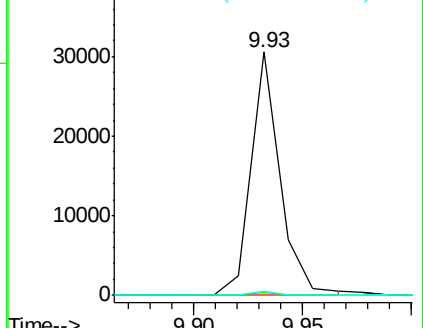
89 1.5 28.6 43.0#



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: 6.41 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081964.D

Acq: 2 Oct 2015 3:45

Tgt Ion:165 Resp: 28617

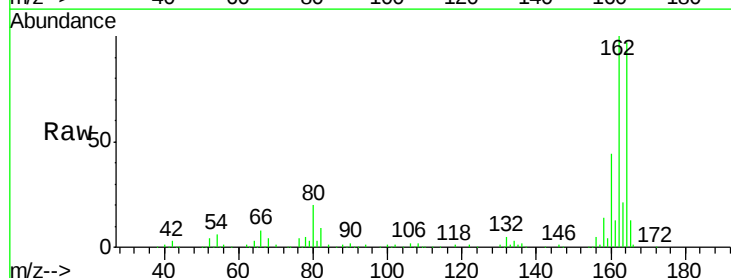
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.6#

89 1.5 44.5 66.7#

182 0.0 3.0 4.4#

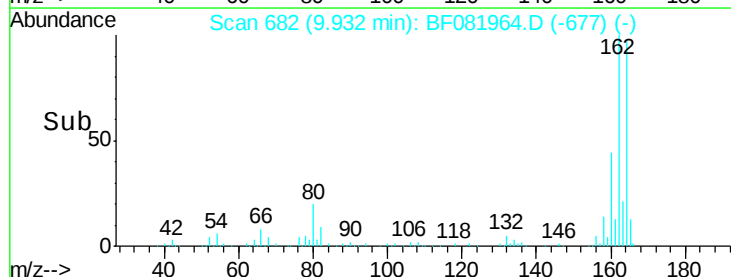
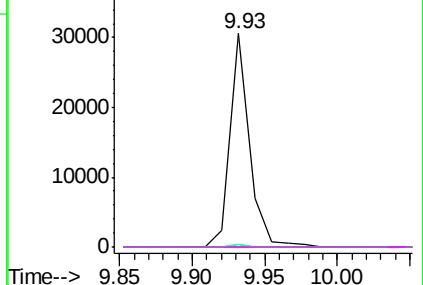


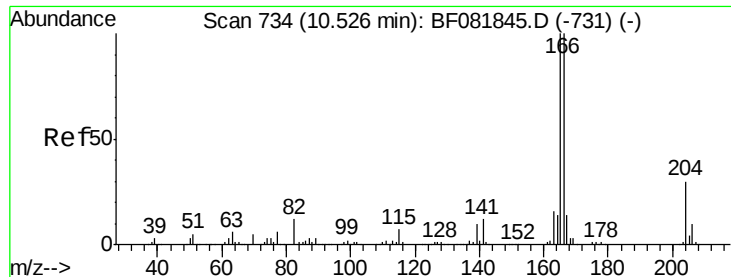
Abundance Ion 165.00 (164.70 to 165.70): E

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

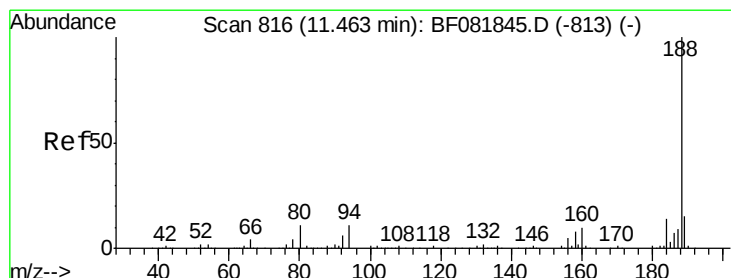
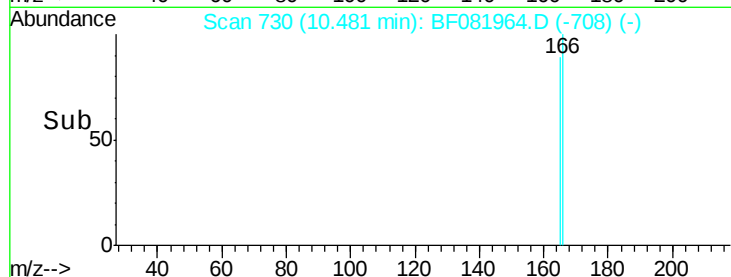
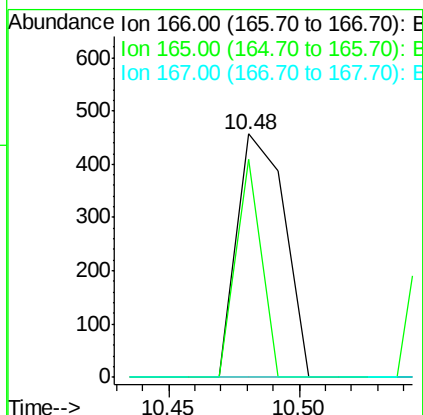
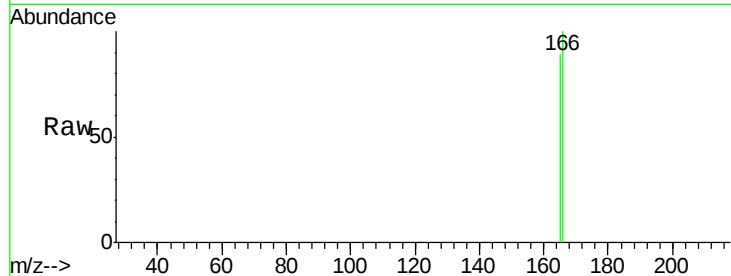




#57
Fluorene
 Concen: Below Cal
 RT: 10.48 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF081964.D
 Acq: 2 Oct 2015 3:45

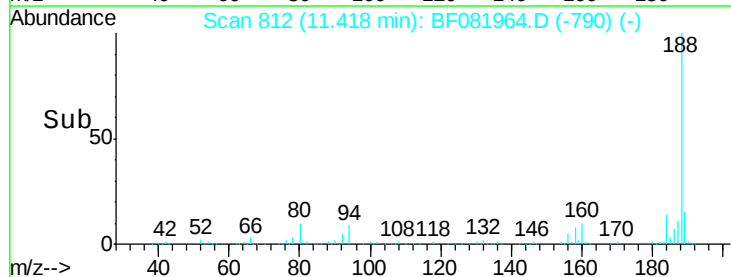
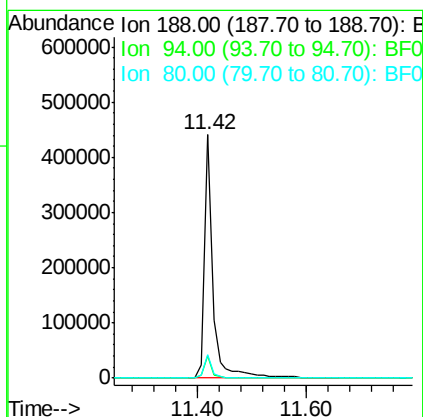
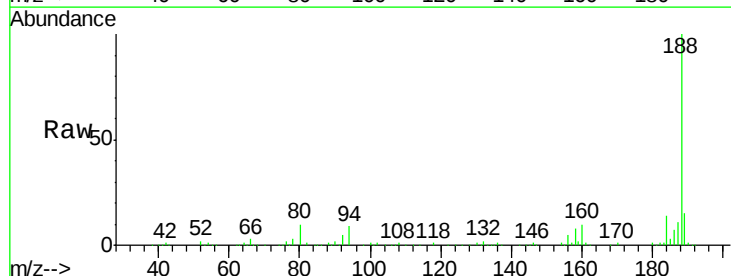
Instrument :
 BNA_F
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 A3-COMP

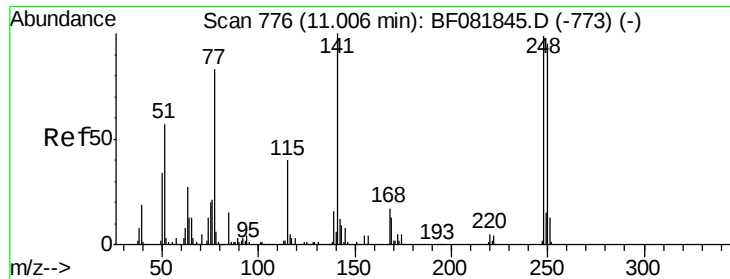
Tgt Ion:166 Resp: 579
 Ion Ratio Lower Upper
 166 100
 165 89.5 72.6 109.0
 167 0.0 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081964.D
 Acq: 2 Oct 2015 3:45

Tgt Ion:188 Resp: 473646
 Ion Ratio Lower Upper
 188 100
 94 9.2 11.1 16.7#
 80 9.8 11.0 16.4#

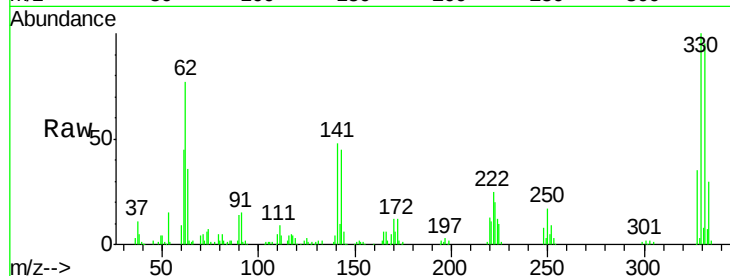




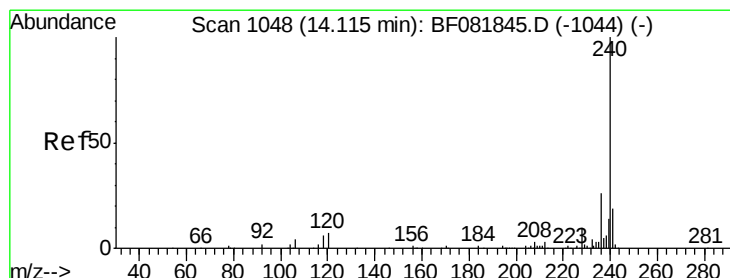
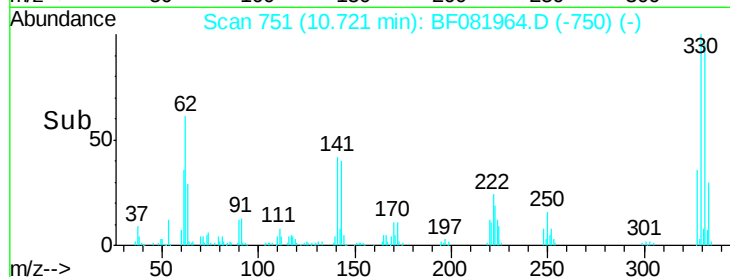
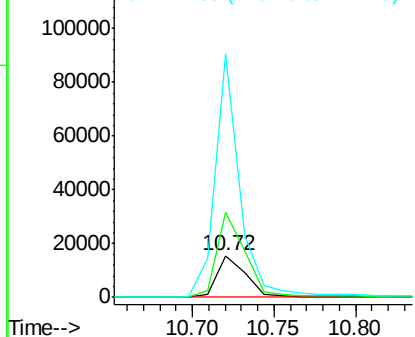
#66
 4-Bromophenyl-phenylether
 Concen: 4.00 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF081964.D
 Acq: 2 Oct 2015 3:45

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMP

Tgt Ion:248 Resp: 19118
 Ion Ratio Lower Upper
 248 100
 250 204.6 78.5 117.7#
 141 584.2 59.0 88.6#

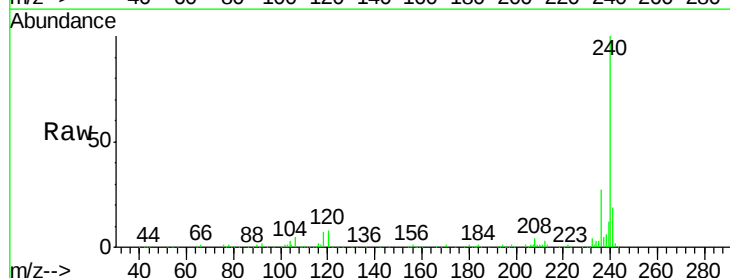


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

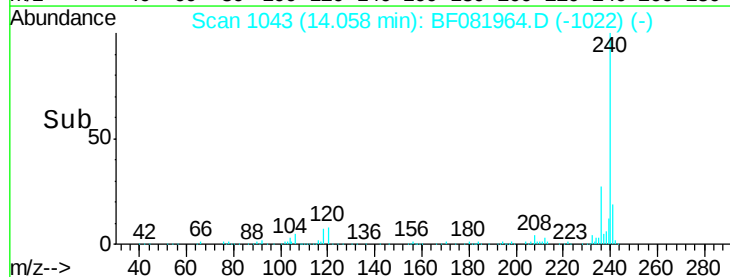
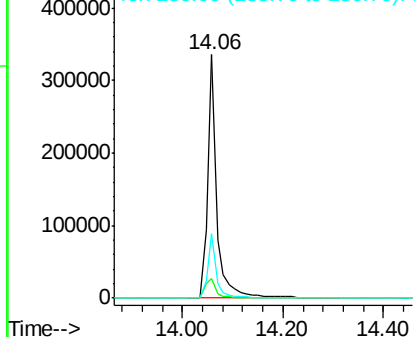


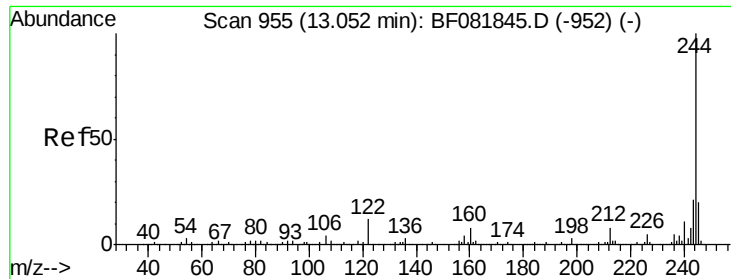
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.06 min
 Lab File: BF081964.D
 Acq: 2 Oct 2015 3:45

Tgt Ion:240 Resp: 422967
 Ion Ratio Lower Upper
 240 100
 120 8.3 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

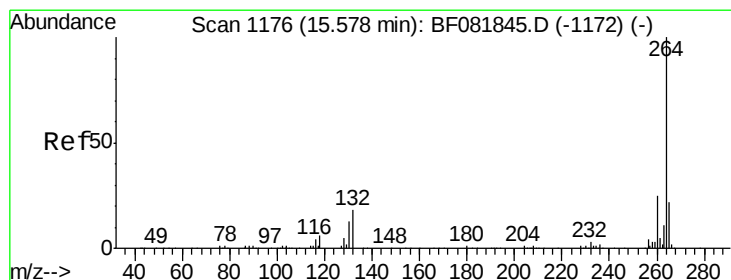
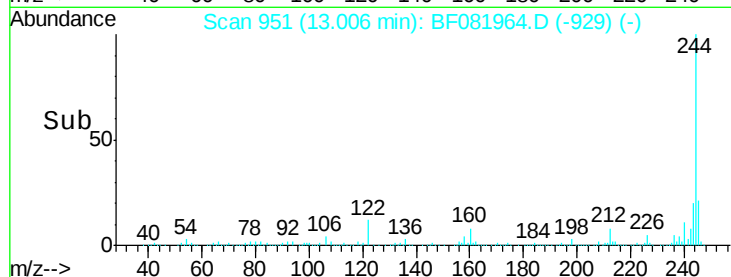
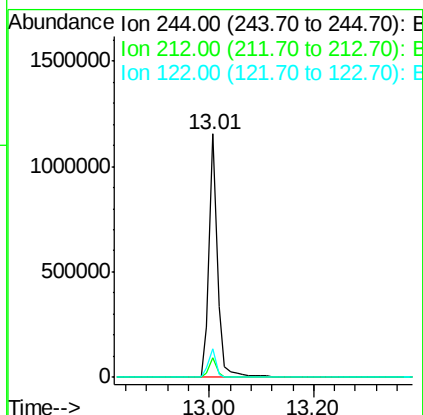
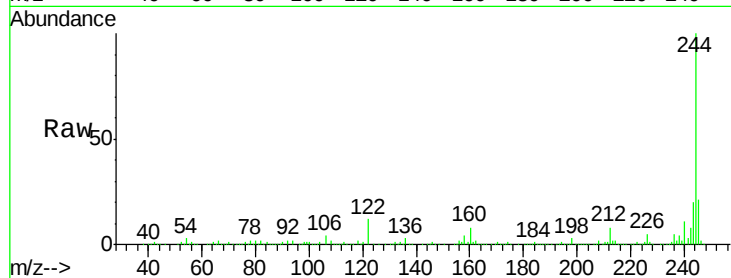




#78
 Terphenyl-d14
 Concen: 106.36 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081964.D
 Acq: 2 Oct 2015 3:45

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMP

Tgt Ion:244 Resp: 1297957
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 11.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.08 min
 Lab File: BF081964.D
 Acq: 2 Oct 2015 3:45

Tgt Ion:264 Resp: 305988
 Ion Ratio Lower Upper
 264 100
 260 23.5 16.7 25.1
 265 21.6 17.2 25.8

