

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081963.D
 Acq On : 2 Oct 2015 3:15
 Operator : UM/IZ
 Sample : G3857-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2-COMP

Quant Time: Oct 02 04:28:15 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

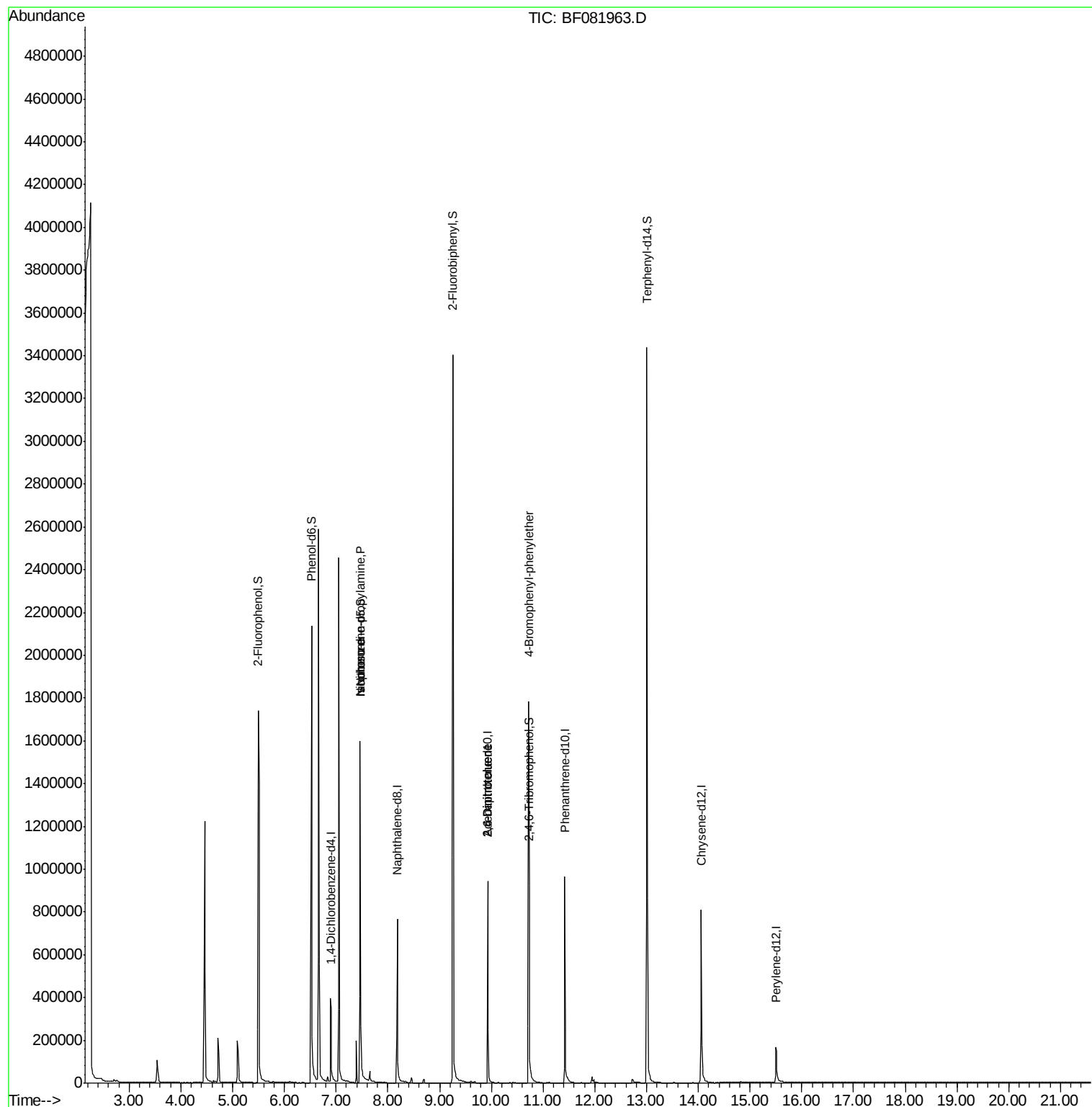
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	109327	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	448083	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	201225	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	449087	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	383121	20.00	ng	-0.06
86) Perylene-d12	15.50	264	92324	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	752364	124.93	ng	-0.02
7) Phenol-d6	6.53	99	862842	113.86	ng	-0.03
23) Nitrobenzene-d5	7.46	82	652625	97.09	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	316950	155.53	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1251159	110.34	ng	-0.05
78) Terphenyl-d14	13.01	244	1300702	125.84	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	81300	17.65	ng	# 58
25) Isophorone	7.46	82	547335	41.08	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	24721	8.20	ng	# 39
56) 2,4-Dinitrotoluene	9.93	165	24718	6.43	ng	# 34
57) Fluorene	10.72	166	11183	Below Cal	#	81
66) 4-Bromophenyl-phenylether	10.72	248	19809	4.37	ng	# 1
70) Phenanthrene	11.44	178	257	Below Cal	#	62
73) Di-n-butylphthalate	11.98	149	6542	Below Cal	#	93

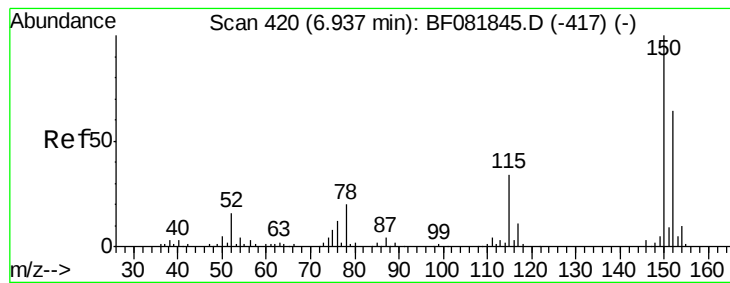
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081963.D
Acq On : 2 Oct 2015 3:15
Operator : UM/IZ
Sample : G3857-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2-COMP

Quant Time: Oct 02 04:28:15 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



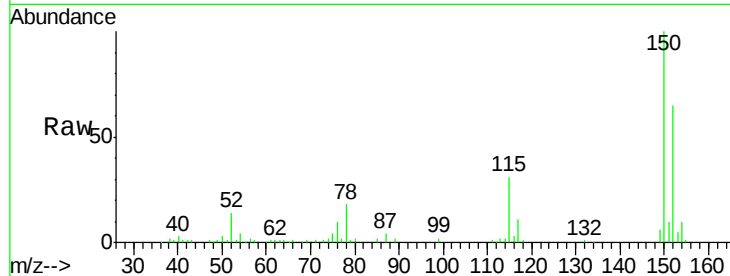


#1

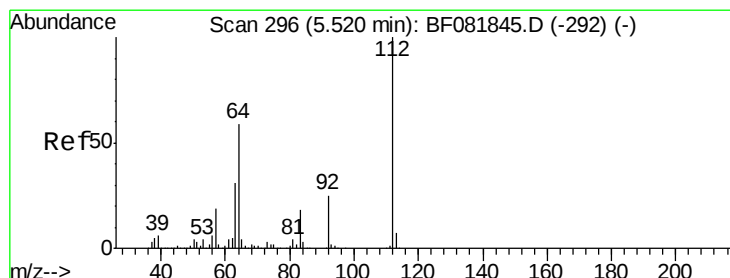
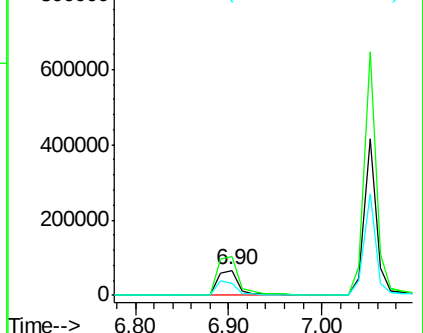
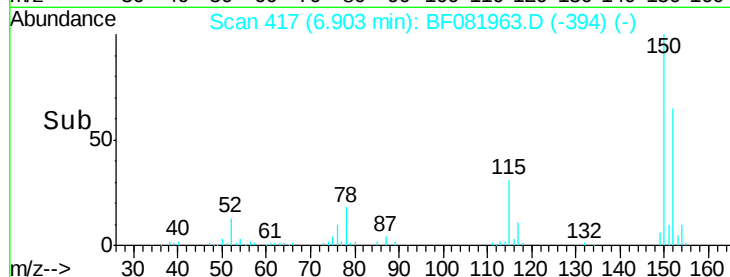
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081963.D
Acq: 2 Oct 2015 3:15

Instrument :
BNA_F
ClientSampleId :
A2-COMP

Tgt Ion:152 Resp: 109327
Ion Ratio Lower Upper
152 100
150 154.0 124.7 187.1
115 47.7 39.0 58.4



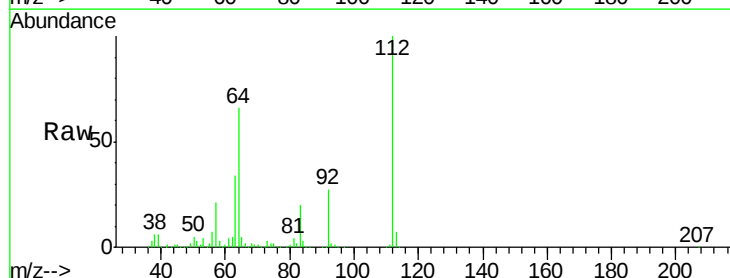
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



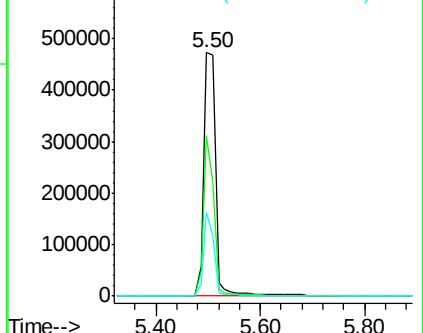
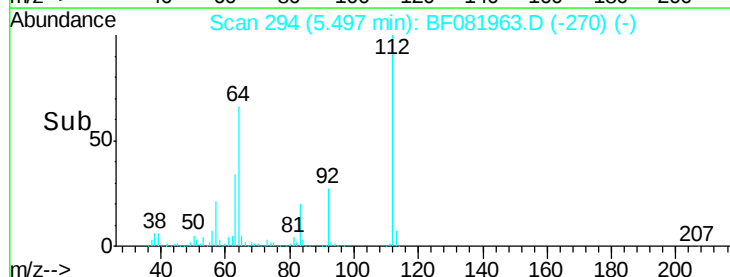
#5

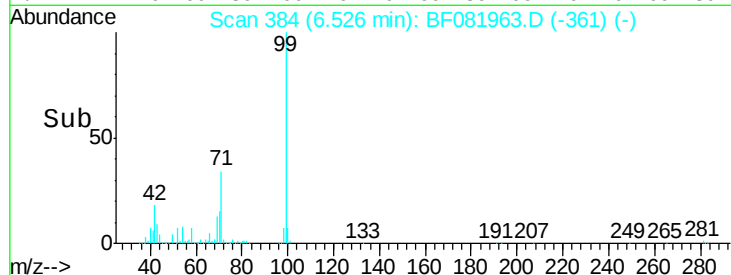
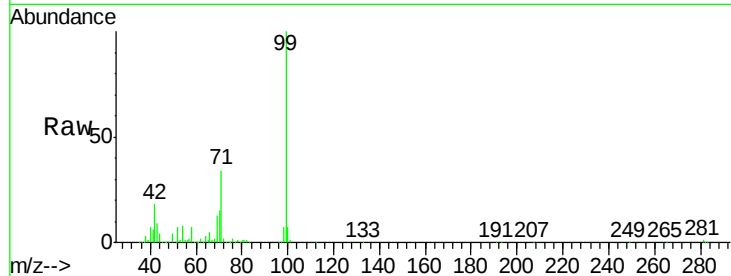
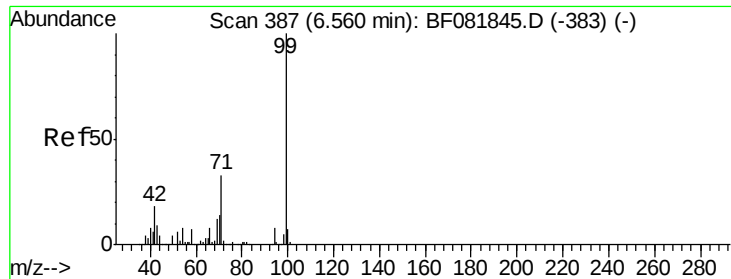
2-Fluorophenol
Concen: 124.93 ng
RT: 5.50 min Scan# 294
Delta R.T. -0.02 min
Lab File: BF081963.D
Acq: 2 Oct 2015 3:15

Tgt Ion:112 Resp: 752364
Ion Ratio Lower Upper
112 100
64 65.7 39.7 59.5#
63 34.3 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: 113.86 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081963.D

Acq: 2 Oct 2015 3:15

Instrument :

BNA_F

ClientSampleId :

A2-COMP

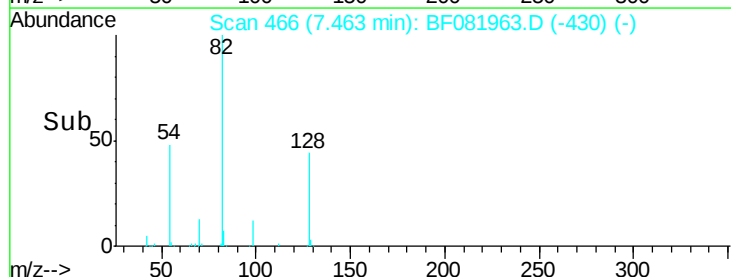
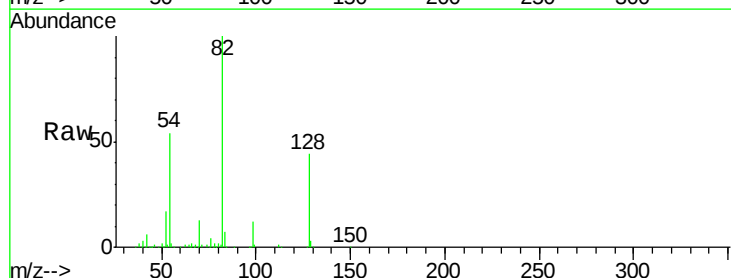
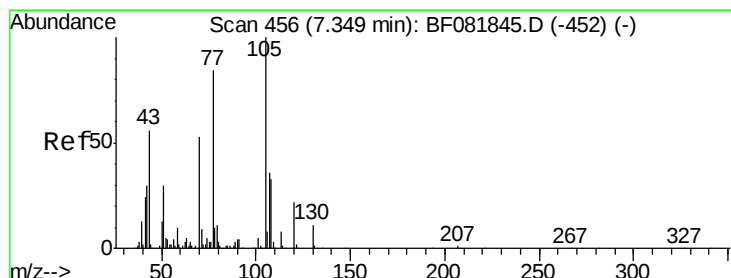
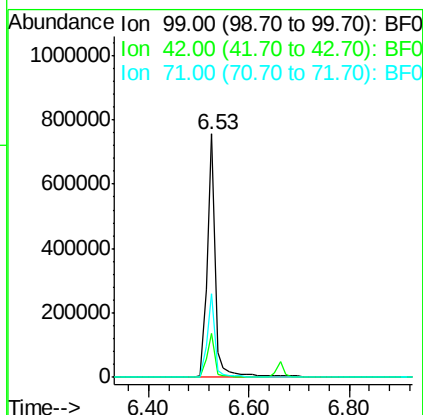
Tgt Ion: 99 Resp: 862842

Ion Ratio Lower Upper

99 100

42 18.1 13.7 20.5

71 34.4 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 17.65 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081963.D

Acq: 2 Oct 2015 3:15

Tgt Ion: 70 Resp: 81300

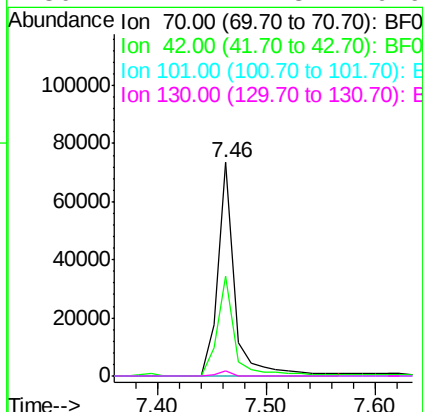
Ion Ratio Lower Upper

70 100

42 46.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

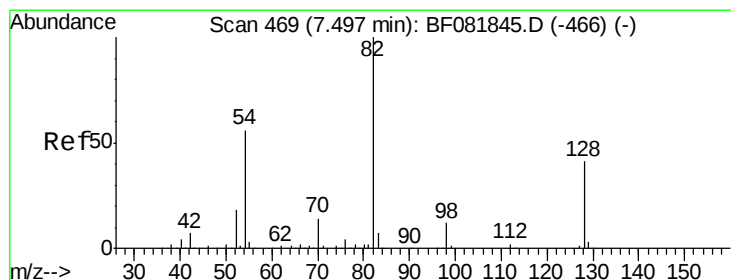
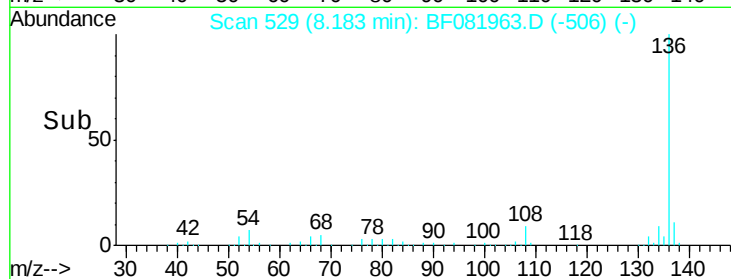
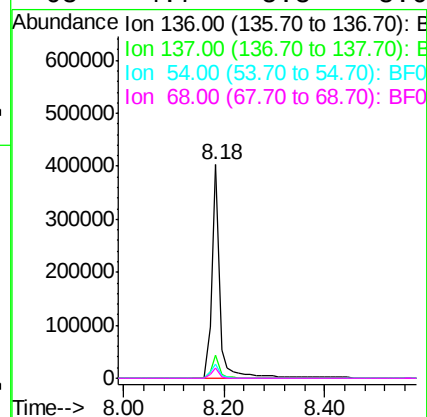
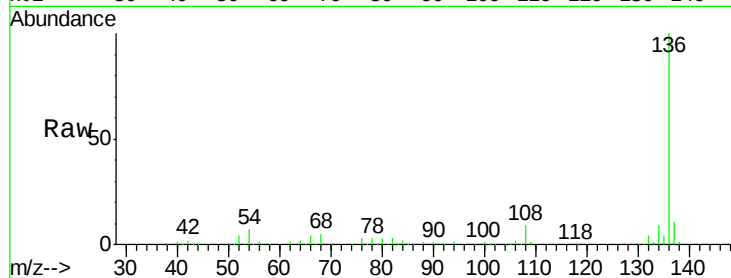




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081963.D
Acq: 2 Oct 2015 3:15

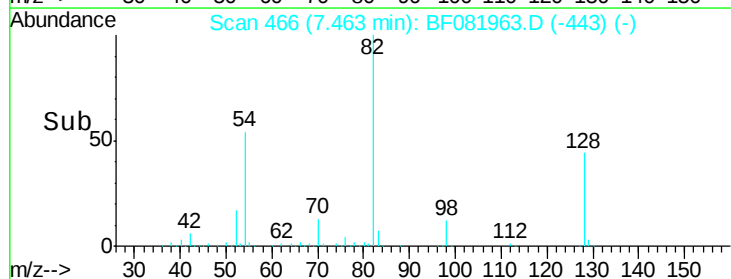
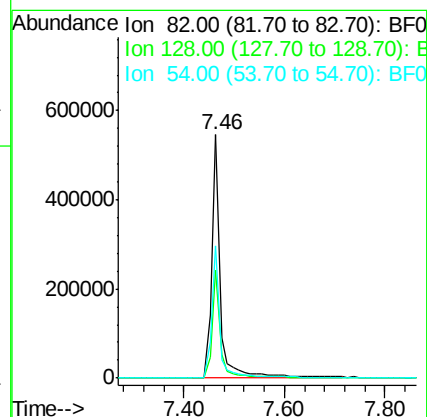
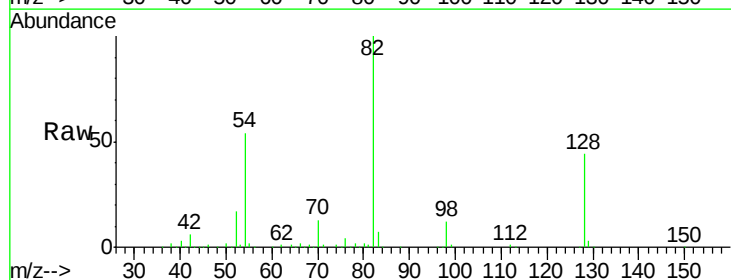
Instrument :
BNA_F
ClientSampleId :
A2-COMP

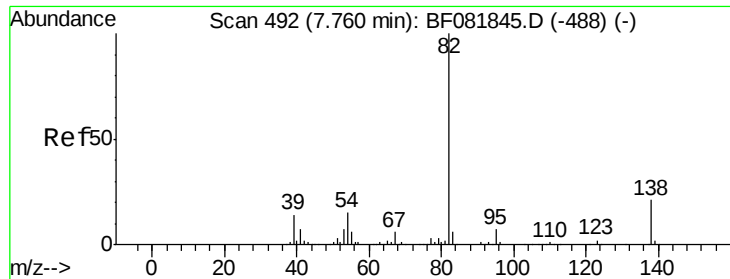
Tgt Ion:	136	Resp:	448083
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	6.8	8.2	12.2#
68	4.7	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 97.09 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081963.D
Acq: 2 Oct 2015 3:15

Tgt Ion:	82	Resp:	652625
Ion Ratio	Lower	Upper	
82	100		
128	44.3	51.0	76.6#
54	54.3	47.5	71.3





#25

Isophorone

Concen: 41.08 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081963.D

Acq: 2 Oct 2015 3:15

Instrument :

BNA_F

ClientSampleId :

A2-COMP

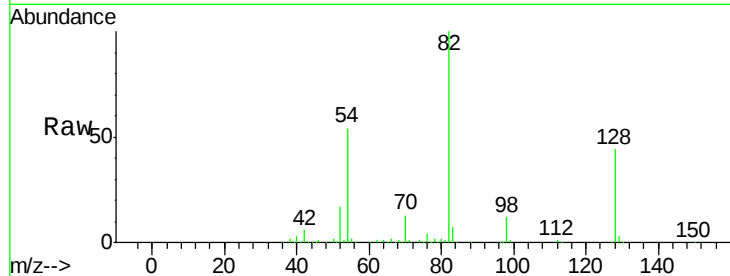
Tgt Ion: 82 Resp: 547335

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

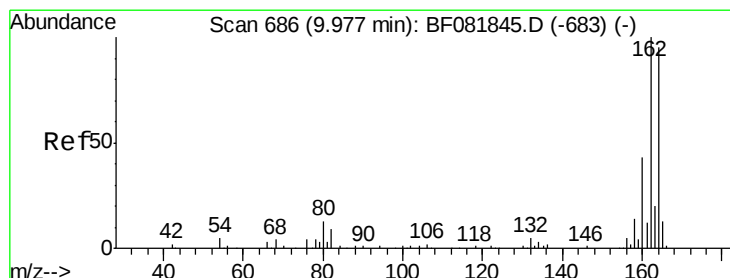
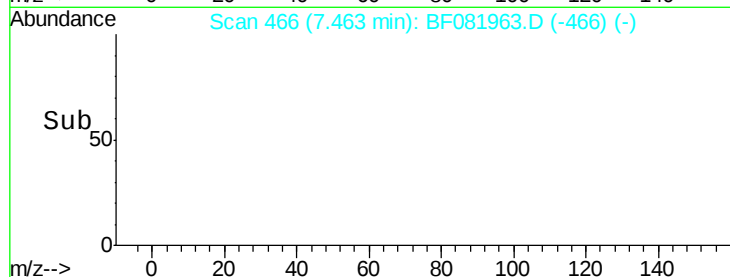
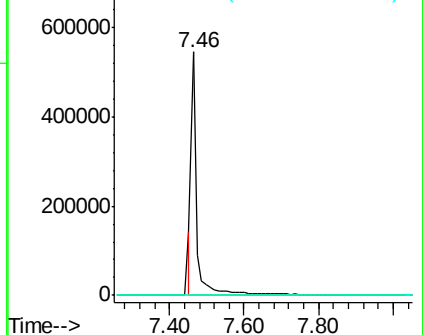
138 0.0 18.3 27.5#



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: BF081963.D

Acq: 2 Oct 2015 3:15

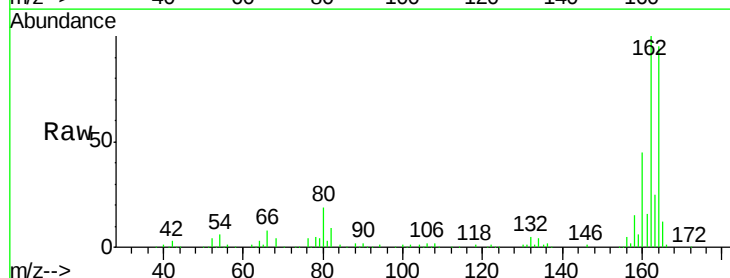
Tgt Ion: 164 Resp: 201225

Ion Ratio Lower Upper

164 100

162 105.4 75.2 112.8

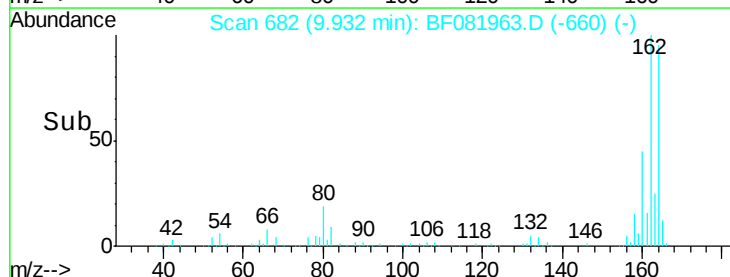
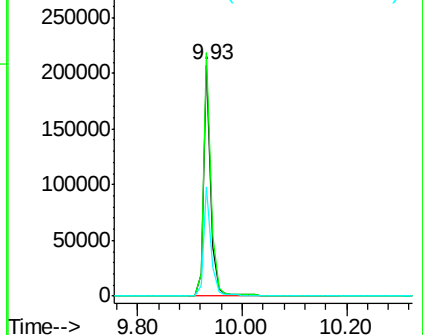
160 47.2 31.5 47.3



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

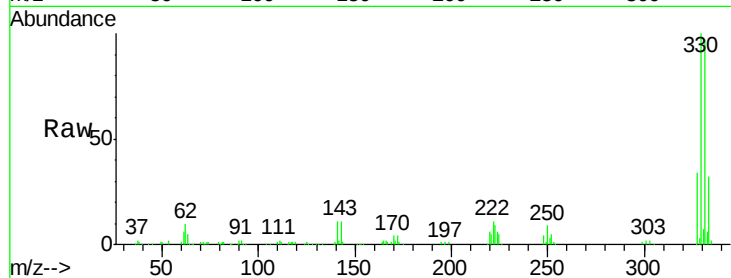




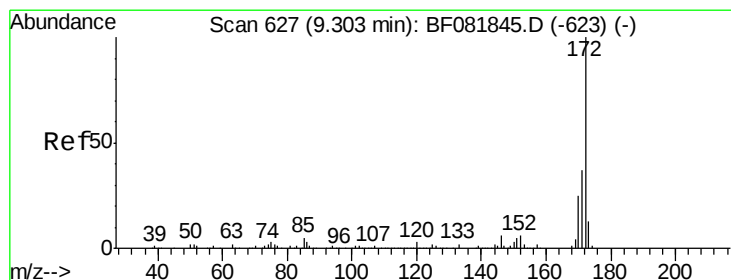
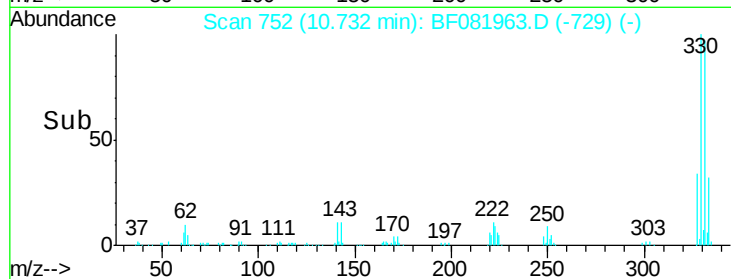
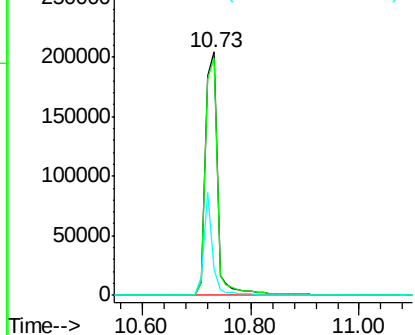
#41
 2,4,6-Tribromophenol
 Concen: 155.53 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081963.D
 Acq: 2 Oct 2015 3:15

Instrument :
 BNA_F
 ClientSampleId :
 A2-COMP

Tgt Ion:330 Resp: 316950
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 30.9 29.7 44.5

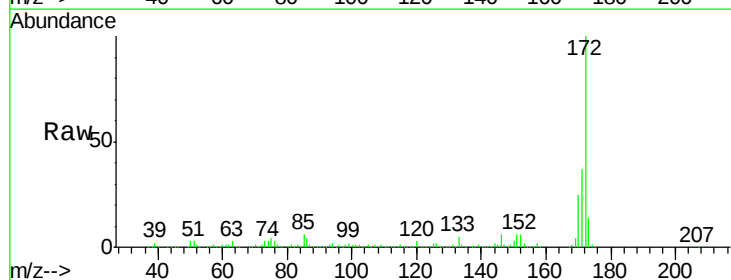


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

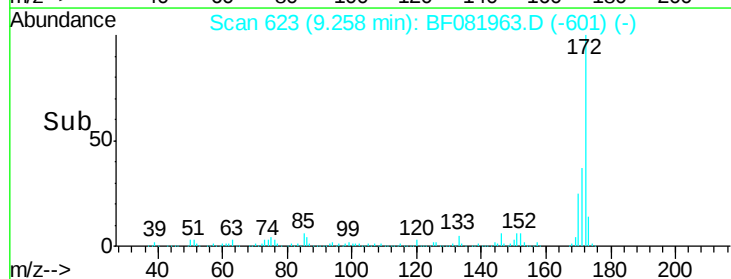
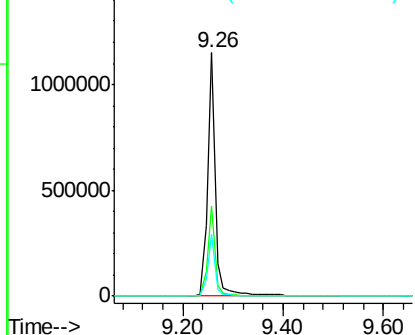


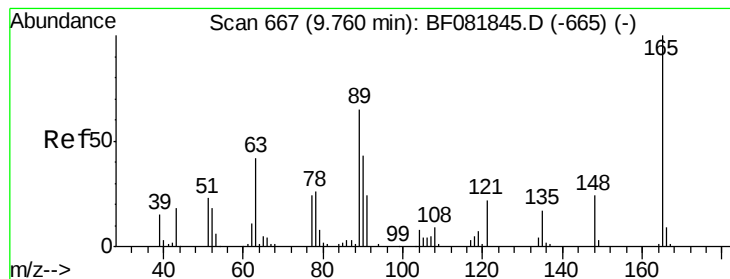
#44
 2-Fluorobiphenyl
 Concen: 110.34 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081963.D
 Acq: 2 Oct 2015 3:15

Tgt Ion:172 Resp: 1251159
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.1 39.1
 170 25.2 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





#50

2,6-Dinitrotoluene

Concen: 8.20 ng

RT: 9.93 min Scan# 682

Delta R.T. 0.17 min

Lab File: BF081963.D

Acq: 2 Oct 2015 3:15

Instrument :

BNA_F

ClientSampleId :

A2-COMP

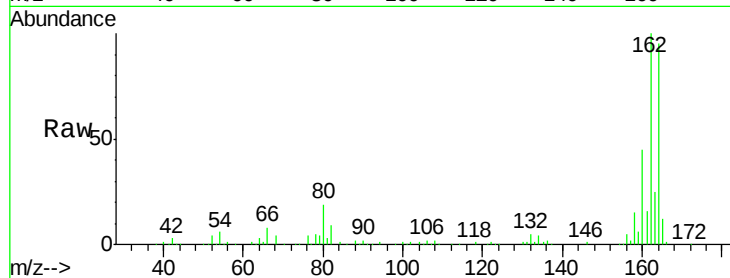
Tgt Ion:165 Resp: 24721

Ion Ratio Lower Upper

165 100

63 1.1 32.3 48.5#

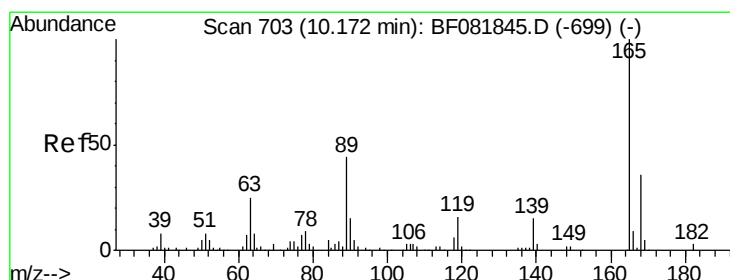
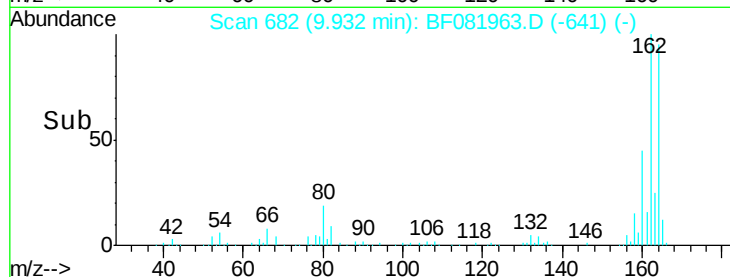
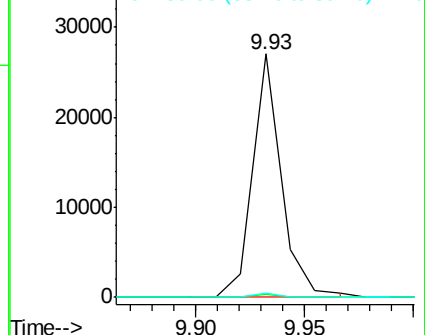
89 1.8 28.6 43.0#



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: 6.43 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081963.D

Acq: 2 Oct 2015 3:15

Tgt Ion:165 Resp: 24718

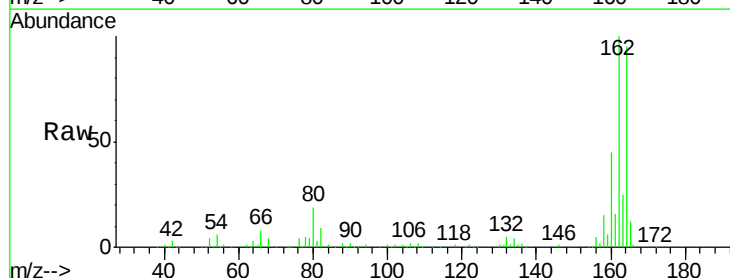
Ion Ratio Lower Upper

165 100

63 1.1 29.8 44.6#

89 1.8 44.5 66.7#

182 0.0 3.0 4.4#

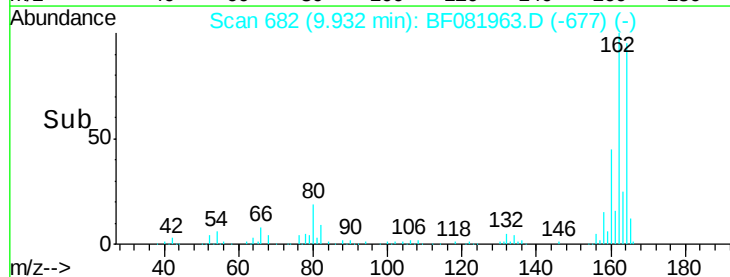
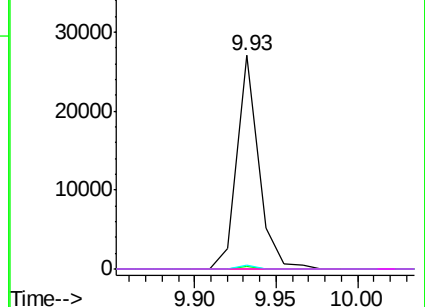


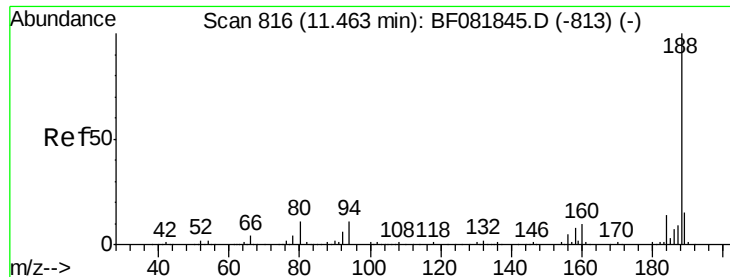
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF081963.D

Acq: 2 Oct 2015 3:15

Instrument :

BNA_F

ClientSampleId :

A2-COMP

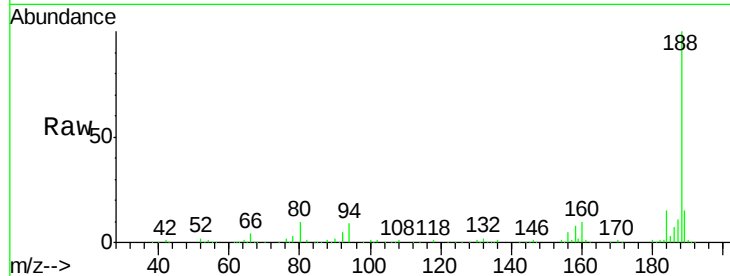
Tgt Ion:188 Resp: 449087

Ion Ratio Lower Upper

188 100

94 9.0 11.1 16.7#

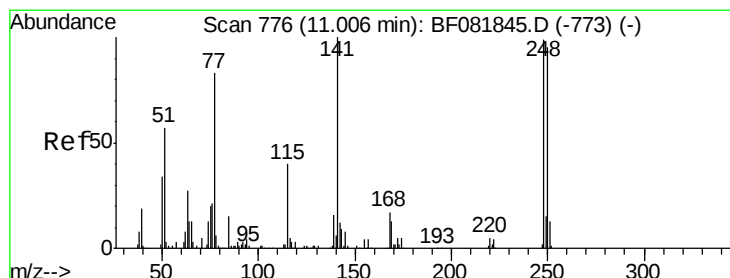
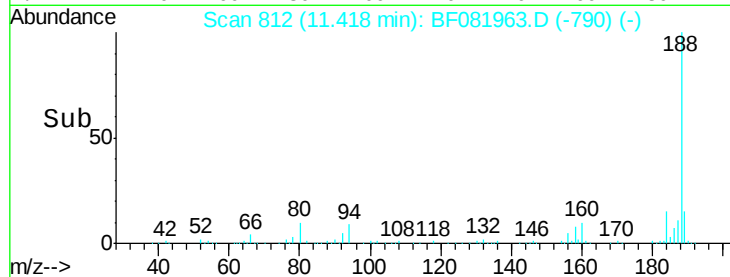
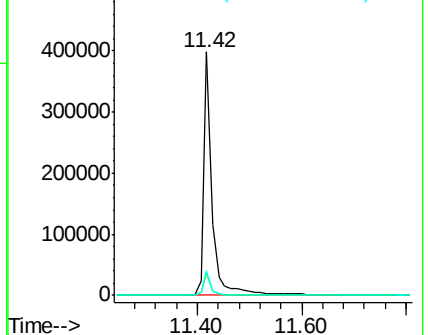
80 10.3 11.0 16.4#



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: 4.37 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.29 min

Lab File: BF081963.D

Acq: 2 Oct 2015 3:15

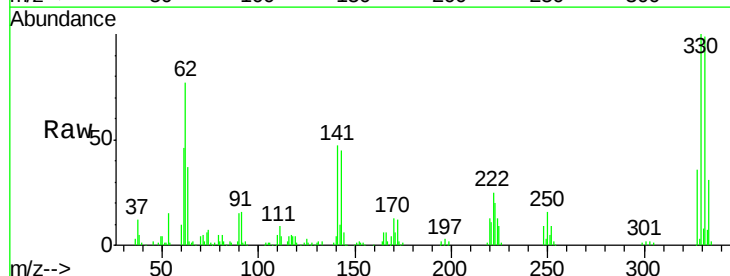
Tgt Ion:248 Resp: 19809

Ion Ratio Lower Upper

248 100

250 188.7 78.5 117.7#

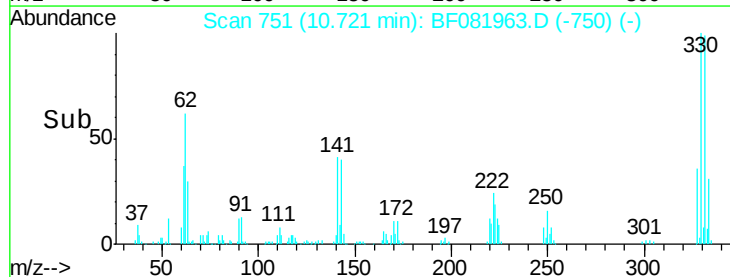
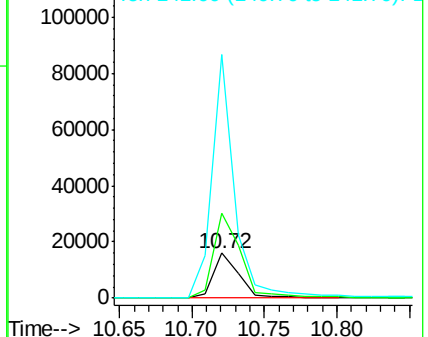
141 542.1 59.0 88.6#

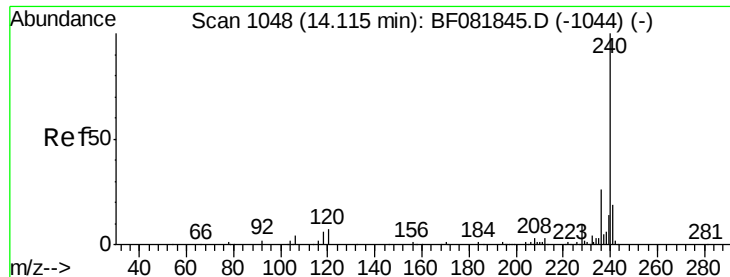


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF081963.D

Acq: 2 Oct 2015 3:15

Instrument :

BNA_F

ClientSampleId :

A2-COMP

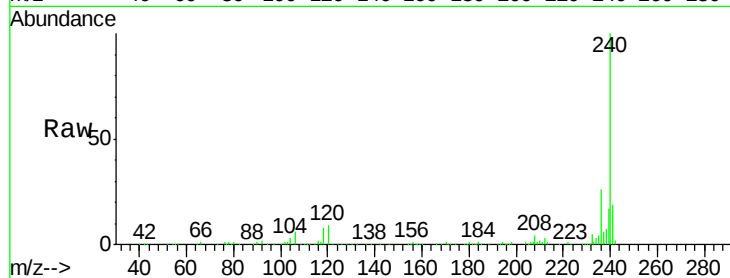
Tgt Ion:240 Resp: 383121

Ion Ratio Lower Upper

240 100

120 8.5 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

14.06

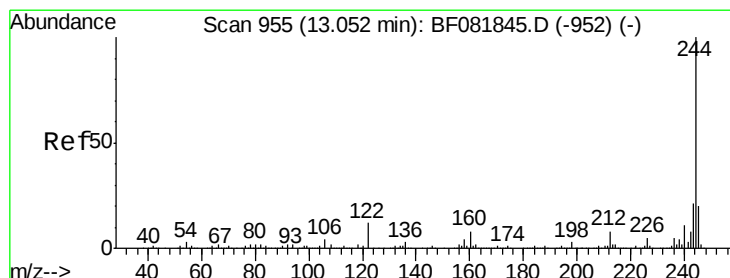
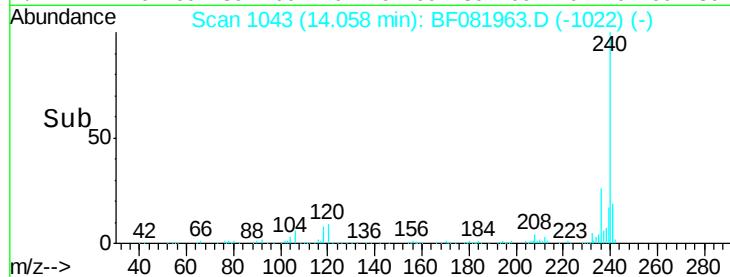
300000

200000

100000

0

Time-->



#78

Terphenyl-d14

Concen: 125.84 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081963.D

Acq: 2 Oct 2015 3:15

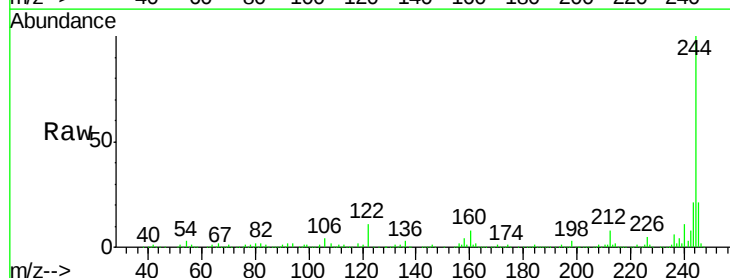
Tgt Ion:244 Resp: 1300702

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

122 11.2 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

13.01

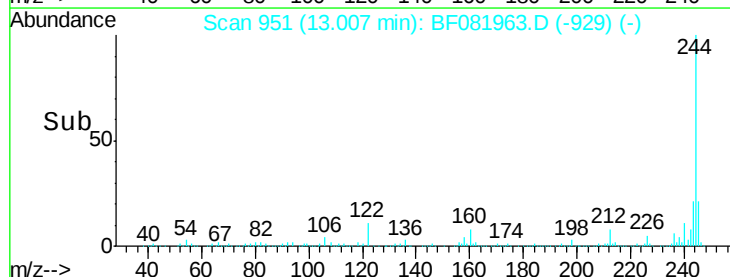
1500000

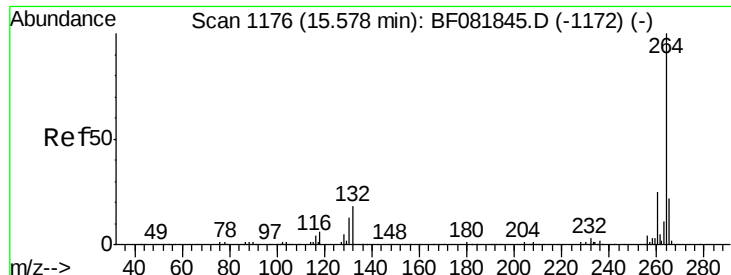
1000000

500000

0

Time-->

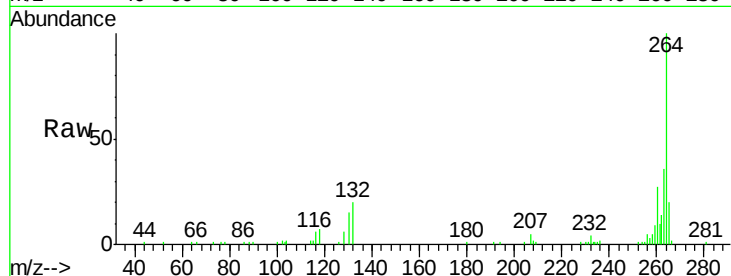




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.08 min
Lab File: BF081963.D
Acq: 2 Oct 2015 3:15

Instrument :
BNA_F
ClientSampleId :
A2-COMP

Tgt Ion: 264 Resp: 92324
Ion Ratio Lower Upper
264 100
260 26.8 16.7 25.1#
265 20.5 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

