

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
 Data File : BF081576.D
 Acq On : 10 Sep 2015 20:20
 Operator : UM/IZ
 Sample : G3590-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TYB2(2-2.5)

Quant Time: Sep 11 00:44:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 00:38:02 2015
 Response via : Initial Calibration

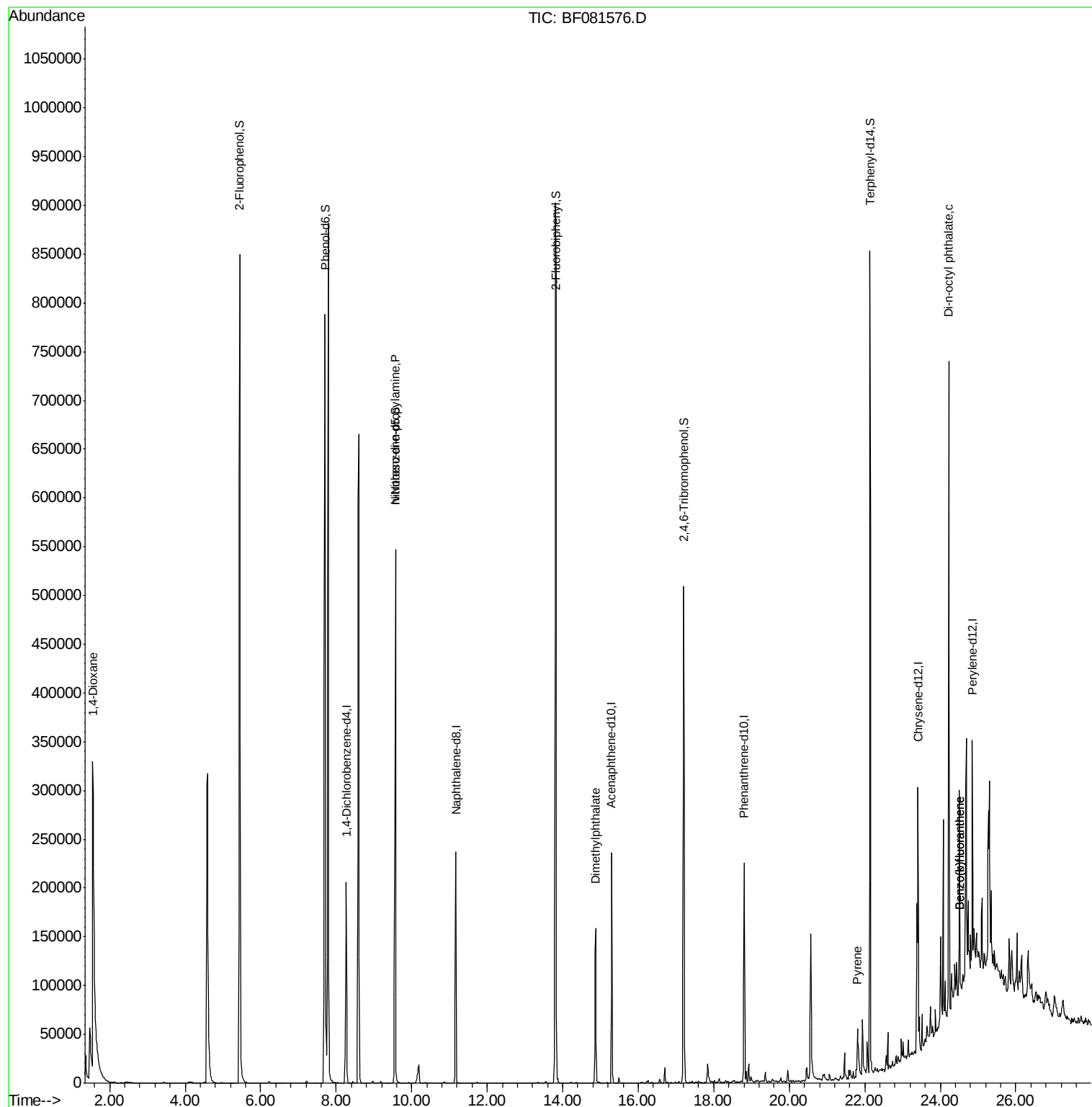
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	50833	20.00	ng	0.00
21) Naphthalene-d8	11.17	136	197342	20.00	ng	0.00
38) Acenaphthene-d10	15.29	164	89820	20.00	ng	-0.01
63) Phenanthrene-d10	18.80	188	156879	20.00	ng	-0.01
75) Chrysene-d12	23.41	240	96187	20.00	ng	-0.01
86) Perylene-d12	24.85	264	79152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	368001	112.32	ng	0.02
7) Phenol-d6	7.70	99	518324	119.52	ng	0.01
23) Nitrobenzene-d5	9.57	82	331633	81.08	ng	0.00
41) 2,4,6-Tribromophenol	17.20	330	90312	112.92	ng	-0.01
44) 2-Fluorobiphenyl	13.81	172	565471	80.68	ng	-0.01
78) Terphenyl-d14	22.14	244	350296	84.78	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.55	88	17817	12.11	ng	# 11
19) n-Nitroso-di-n-propylamine	9.57	70	46020	15.59	ng	# 64
49) Dimethylphthalate	14.87	163	112953	16.19	ng	# 96
77) Pyrene	21.81	202	14867	2.09	ng	# 98
84) Di-n-octyl phthalate	24.22	149	69195	10.28	ng	# 31
87) Benzo(b)fluoranthene	24.52	252	13096	2.32	ng	97
88) Benzo(k)fluoranthene	24.52	252	13096	2.79	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF081576.D

Acq: 10 Sep 2015 20:20

Instrument :

BNA_F

ClientSampleId :

TYB2(2-2.5)

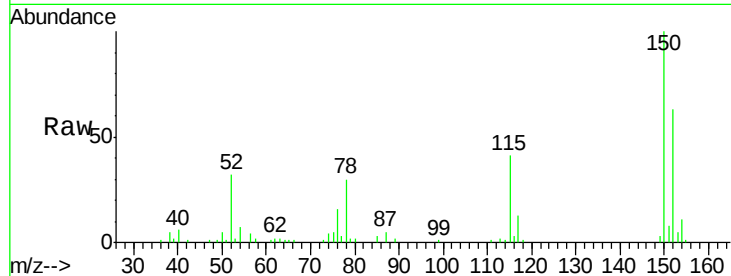
Tgt Ion:152 Resp: 50833

Ion Ratio Lower Upper

152 100

150 158.2 124.7 187.1

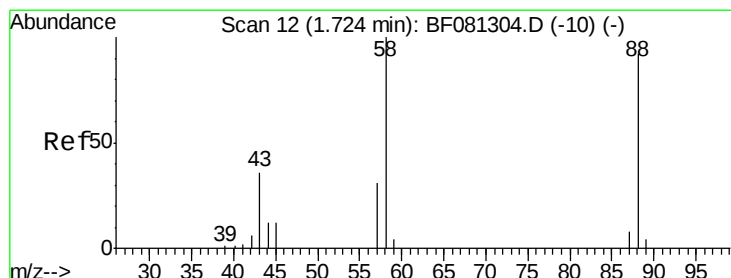
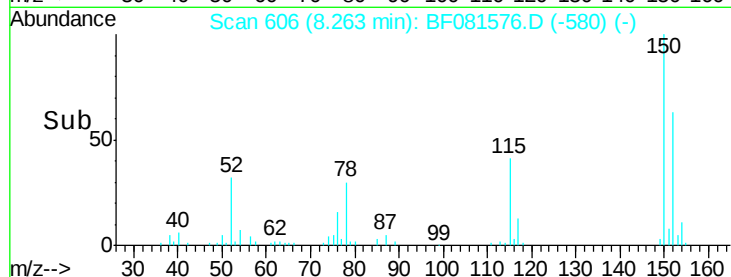
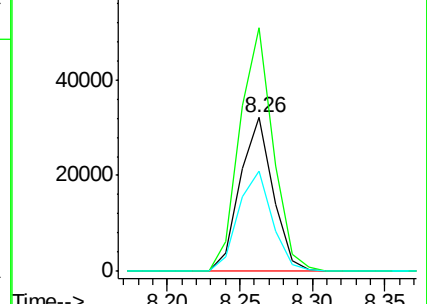
115 65.0 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 12.11 ng

RT: 1.55 min Scan# 19

Delta R.T. -0.05 min

Lab File: BF081576.D

Acq: 10 Sep 2015 20:20

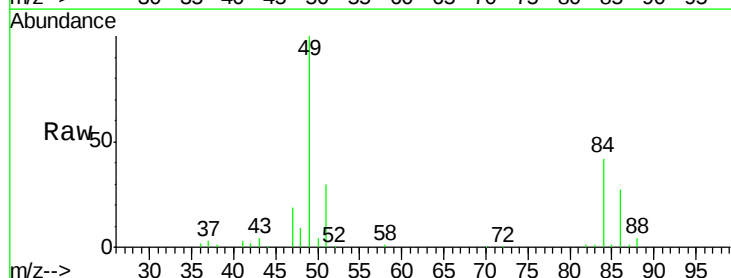
Tgt Ion: 88 Resp: 17817

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

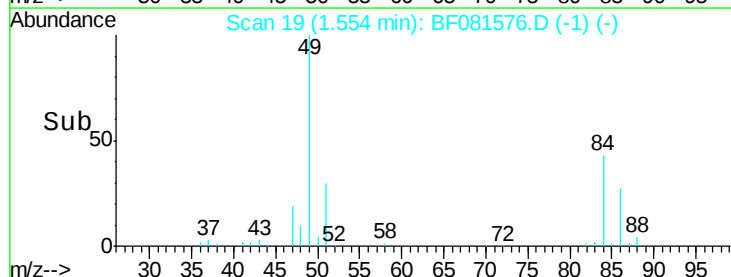
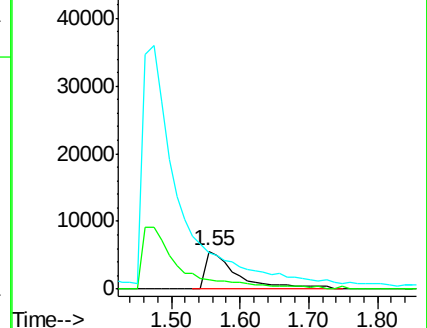
43 0.0 26.6 40.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

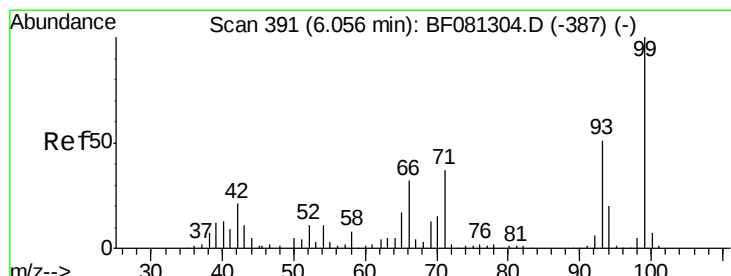
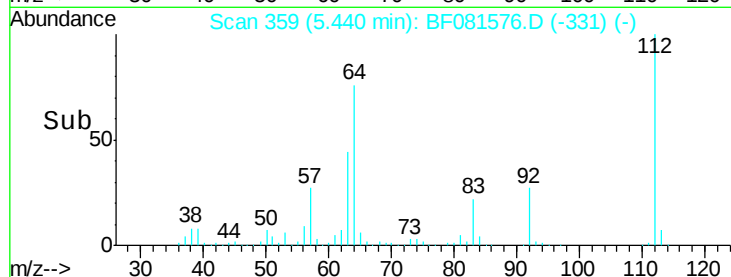
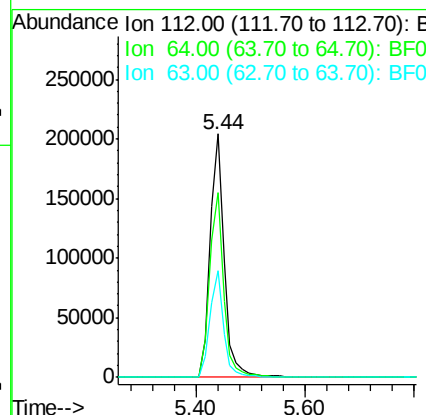
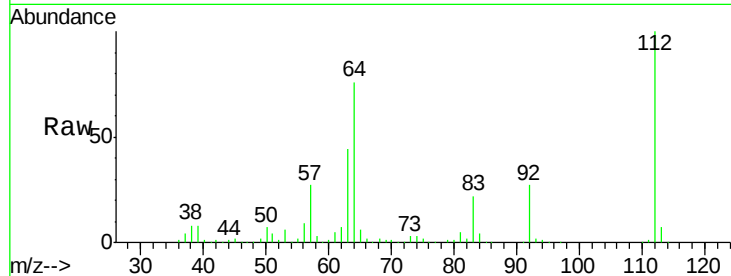




#5
 2-Fluorophenol
 Concen: 112.32 ng
 RT: 5.44 min Scan# 359
 Delta R.T. 0.02 min
 Lab File: BF081576.D
 Acq: 10 Sep 2015 20:20

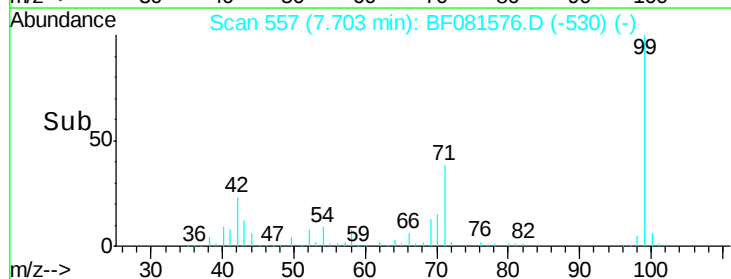
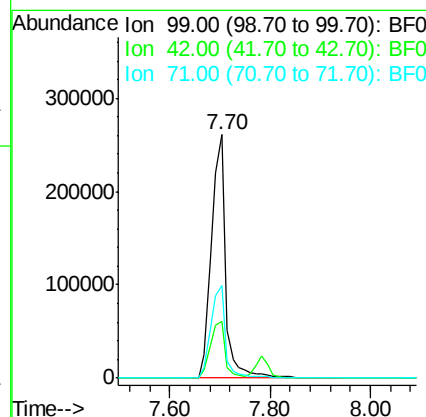
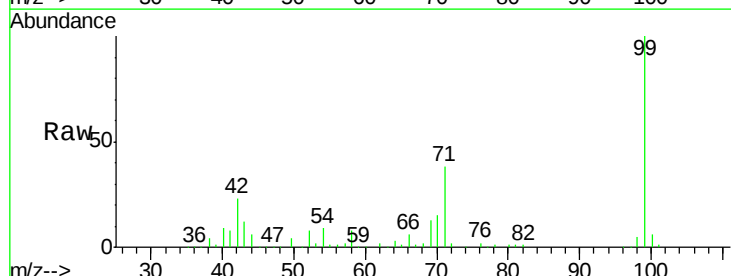
Instrument :
 BNA_F
 ClientSampleId :
 TYB2(2-2.5)

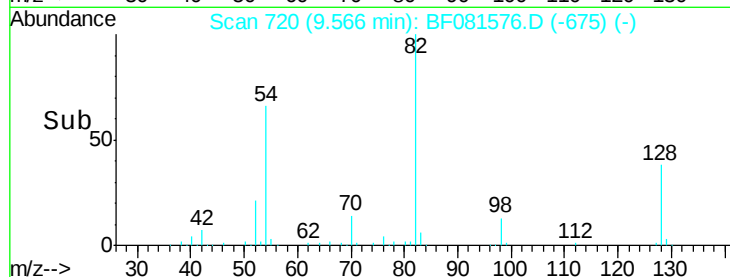
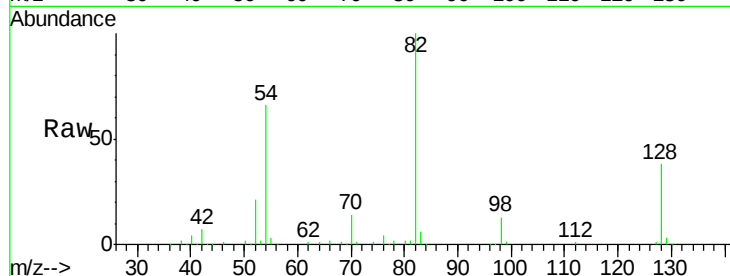
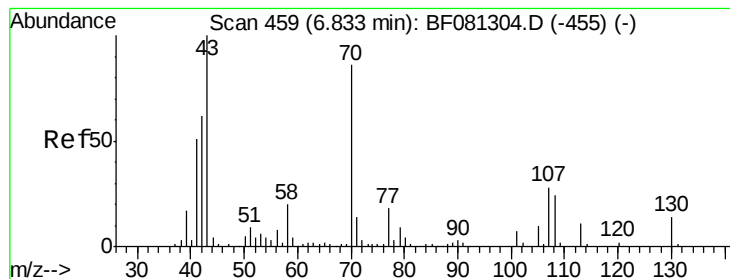
Tgt Ion: 112 Resp: 368001
 Ion Ratio Lower Upper
 112 100
 64 75.8 39.7 59.5#
 63 43.6 17.4 26.0#



#7
 Phenol-d6
 Concen: 119.52 ng
 RT: 7.70 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF081576.D
 Acq: 10 Sep 2015 20:20

Tgt Ion: 99 Resp: 518324
 Ion Ratio Lower Upper
 99 100
 42 23.1 13.7 20.5#
 71 37.9 14.2 21.2#





#19

n-Nitroso-di-n-propylamine

Concen: 15.59 ng

RT: 9.57 min Scan# 720

Delta R.T. 0.22 min

Lab File: BF081576.D

Acq: 10 Sep 2015 20:20

Instrument :

BNA_F

ClientSampleId :

TYB2(2-2.5)

Tgt Ion: 70 Resp: 46020

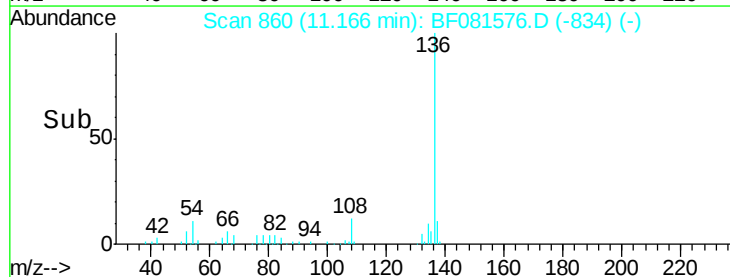
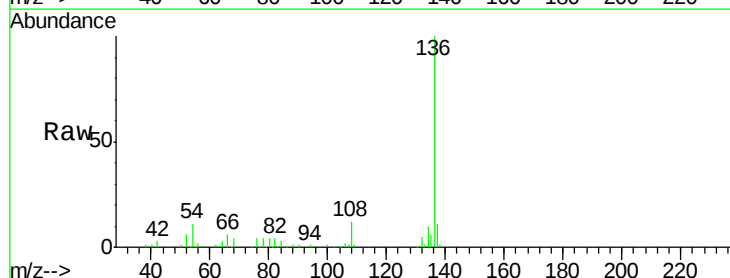
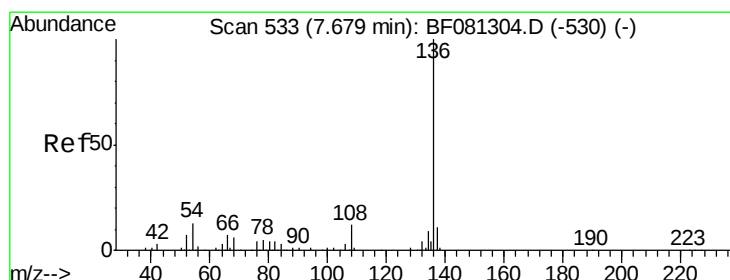
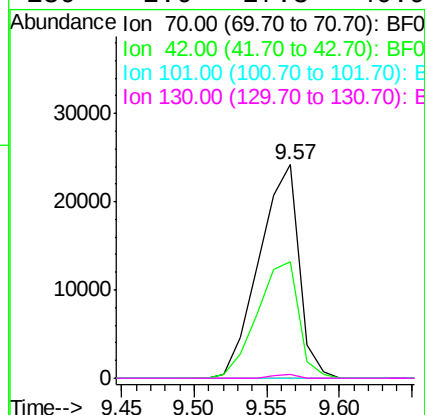
Ion Ratio Lower Upper

70 100

42 54.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.17 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF081576.D

Acq: 10 Sep 2015 20:20

Tgt Ion: 136 Resp: 197342

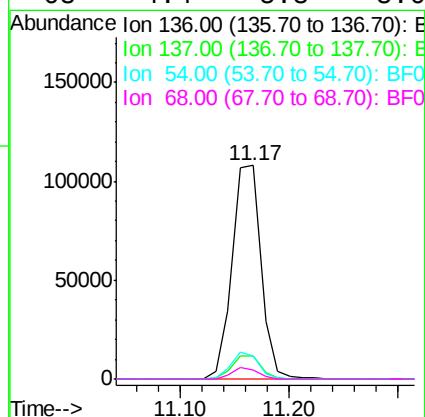
Ion Ratio Lower Upper

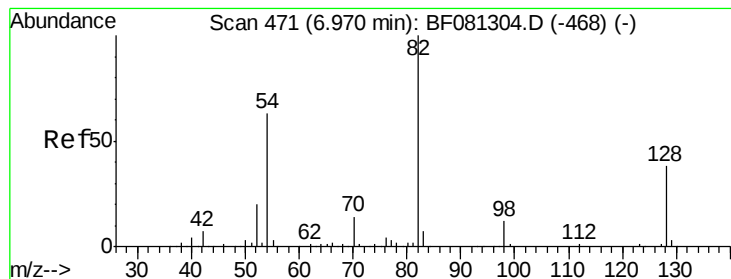
136 100

137 10.9 9.0 13.6

54 10.8 8.2 12.2

68 4.4 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 81.08 ng

RT: 9.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF081576.D

Acq: 10 Sep 2015 20:20

Instrument :

BNA_F

ClientSampleId :

TYB2(2-2.5)

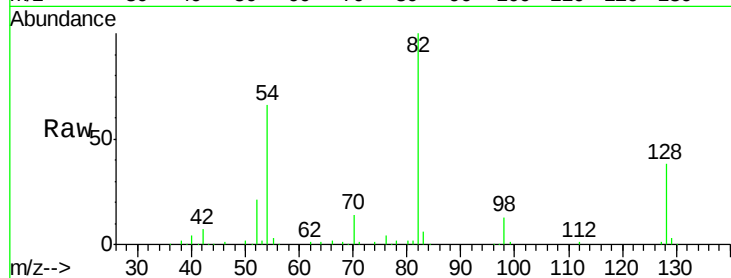
Tgt Ion: 82 Resp: 331633

Ion Ratio Lower Upper

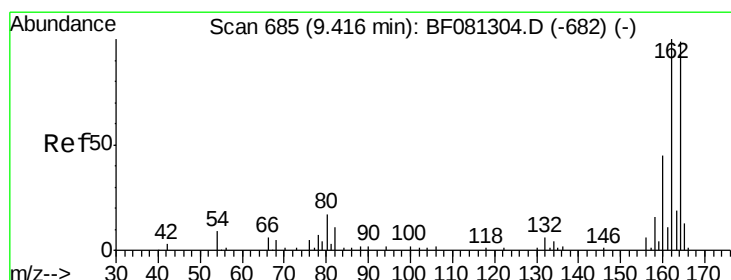
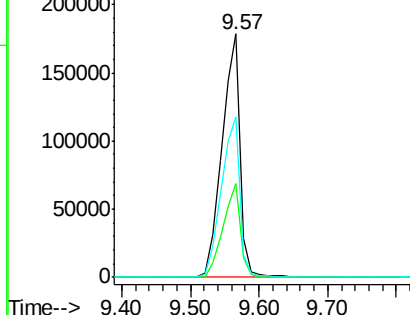
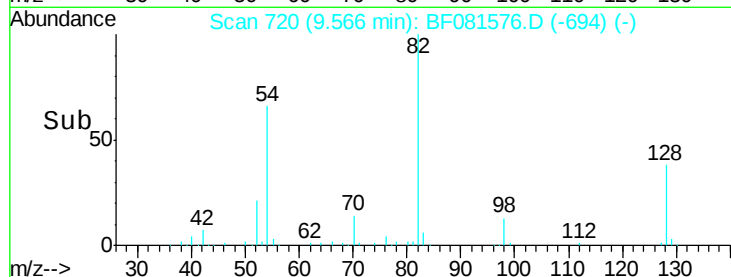
82 100

128 38.5 51.0 76.6#

54 66.0 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.29 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF081576.D

Acq: 10 Sep 2015 20:20

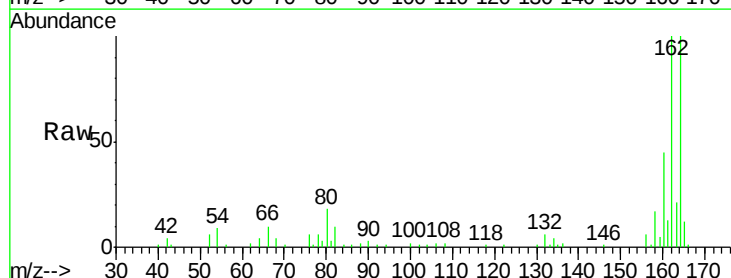
Tgt Ion: 164 Resp: 89820

Ion Ratio Lower Upper

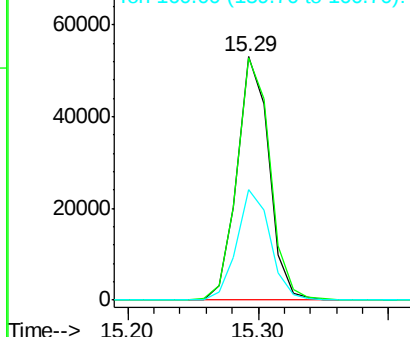
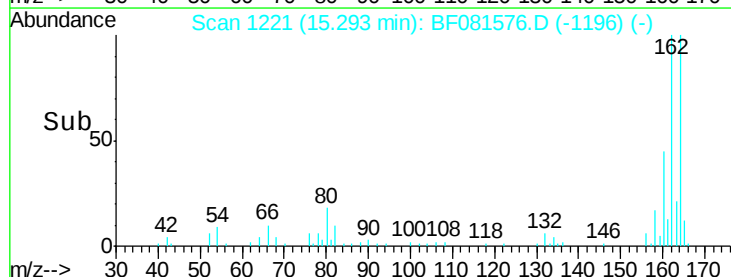
164 100

162 99.5 75.2 112.8

160 45.1 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

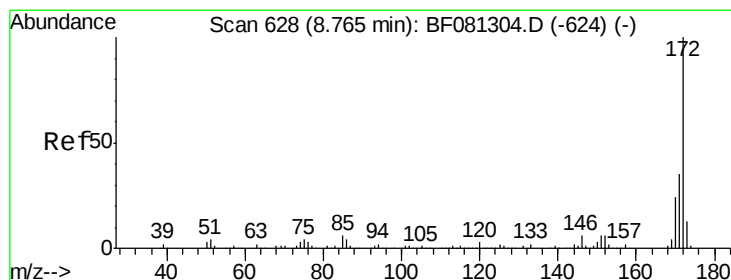
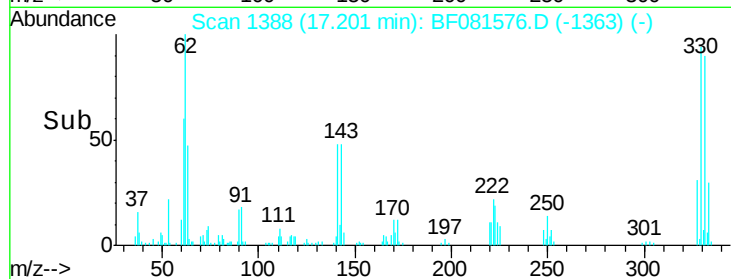
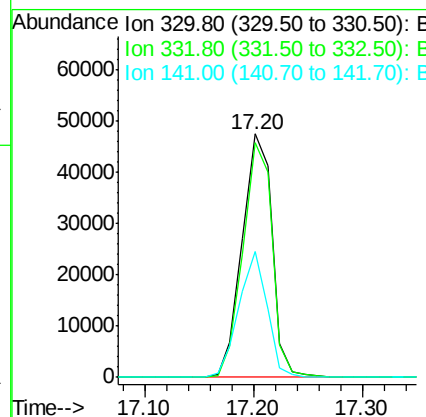
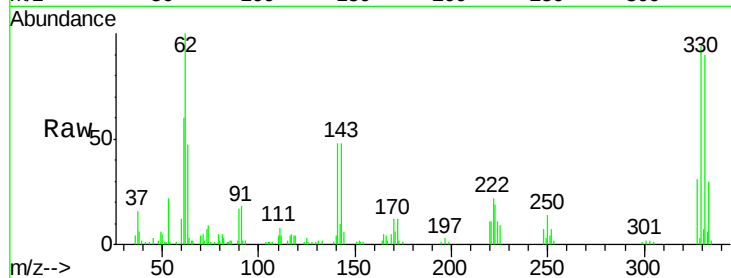




#41
 2,4,6-Tribromophenol
 Concen: 112.92 ng
 RT: 17.20 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF081576.D
 Acq: 10 Sep 2015 20:20

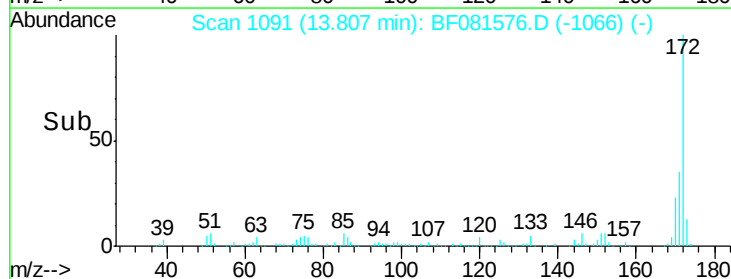
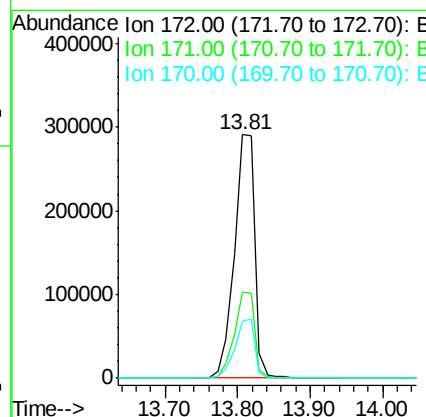
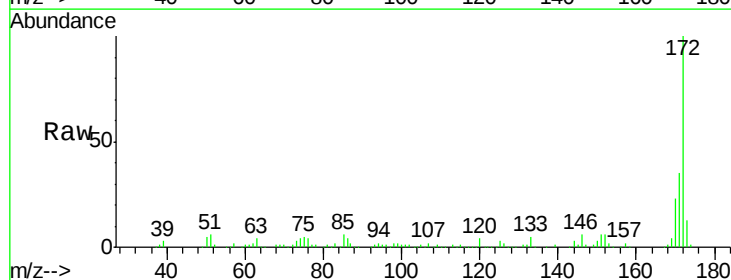
Instrument :
 BNA_F
 ClientSampleId :
 TYB2(2-2.5)

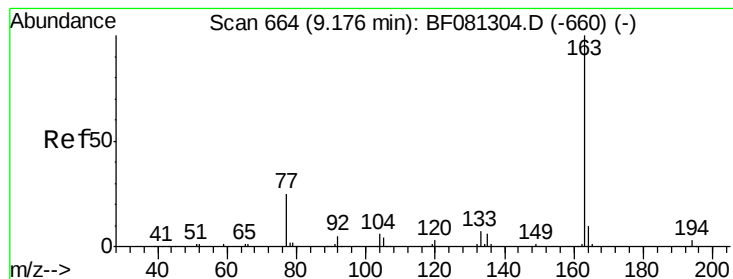
Tgt Ion:330 Resp: 90312
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 114.8
 141 48.4 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 80.68 ng
 RT: 13.81 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF081576.D
 Acq: 10 Sep 2015 20:20

Tgt Ion:172 Resp: 565471
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 23.4 17.4 26.2





#49

Dimethylphthalate

Concen: 16.19 ng

RT: 14.87 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BF081576.D

Acq: 10 Sep 2015 20:20

Instrument :

BNA_F

ClientSampleId :

TYB2(2-2.5)

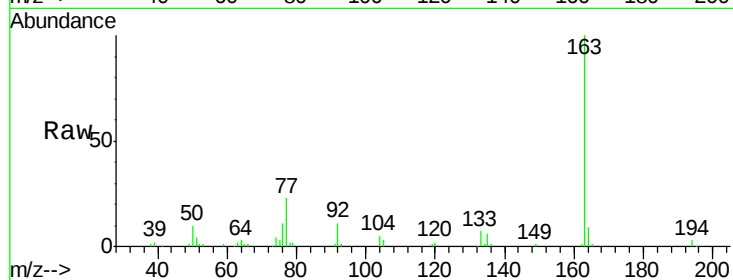
Tgt Ion:163 Resp: 112953

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

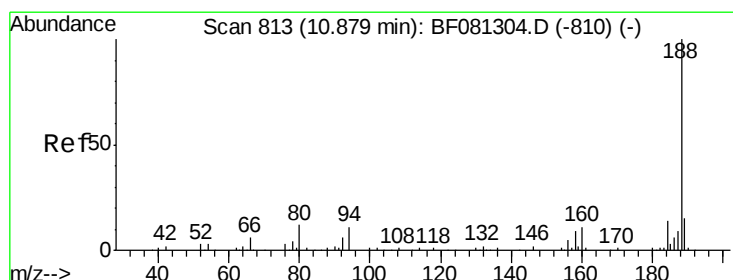
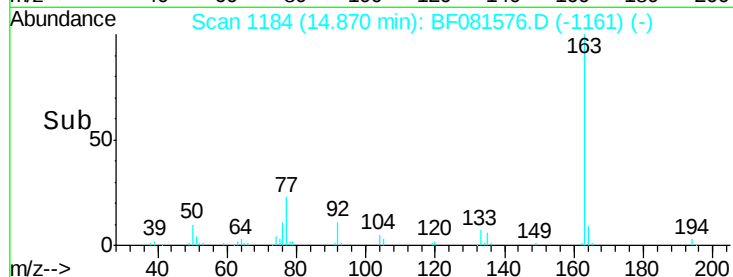
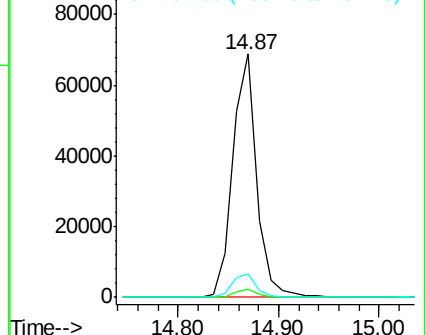
164 9.4 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.80 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BF081576.D

Acq: 10 Sep 2015 20:20

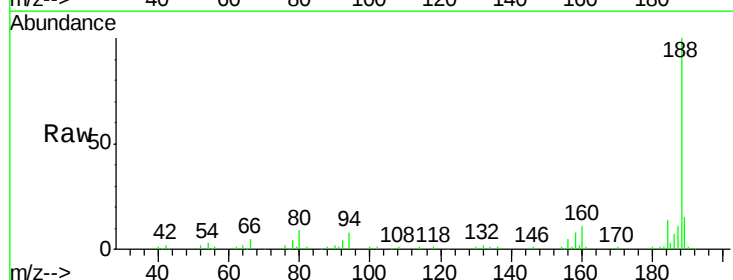
Tgt Ion:188 Resp: 156879

Ion Ratio Lower Upper

188 100

94 7.8 11.1 16.7#

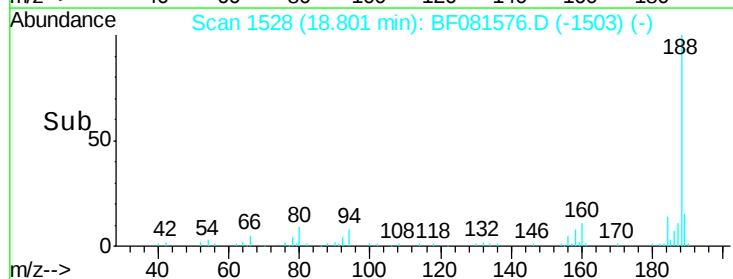
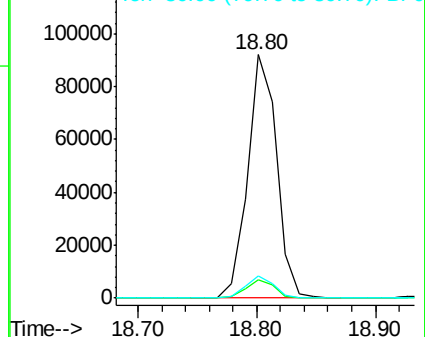
80 9.1 11.0 16.4#

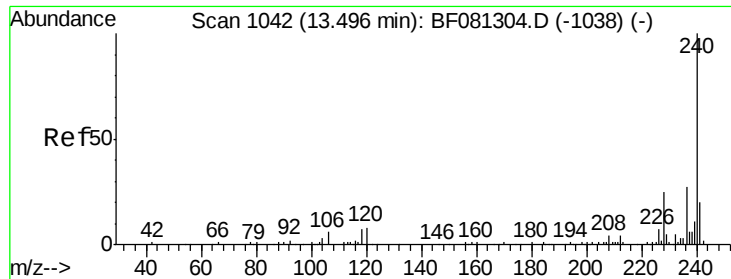


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

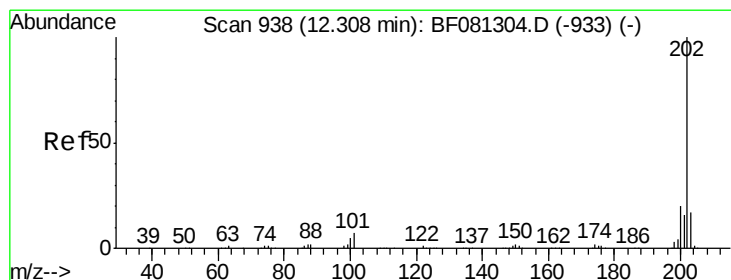
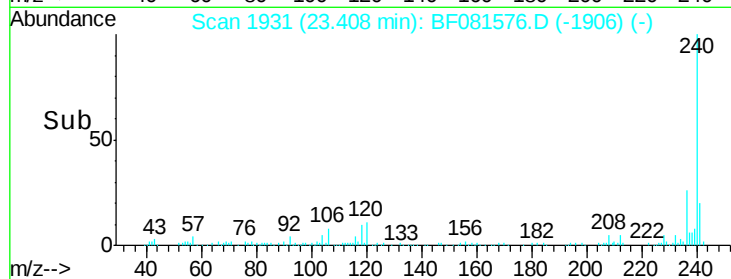
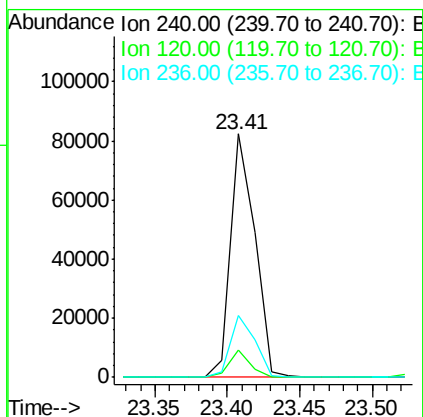
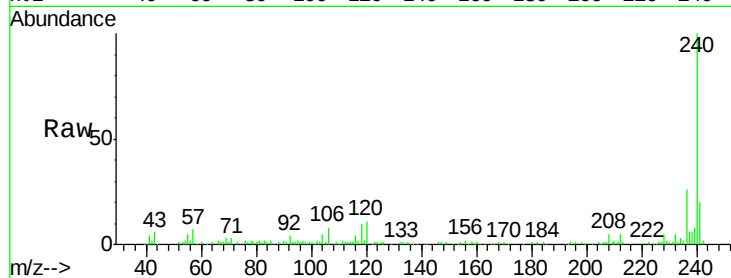




#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF081576.D
Acq: 10 Sep 2015 20:20

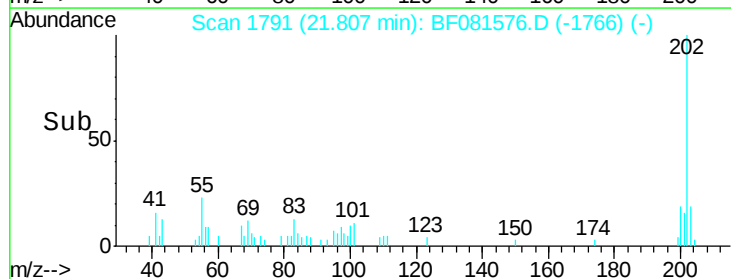
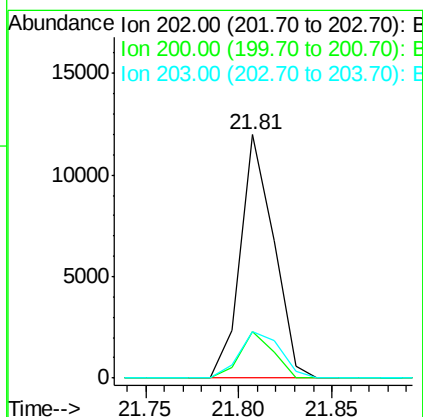
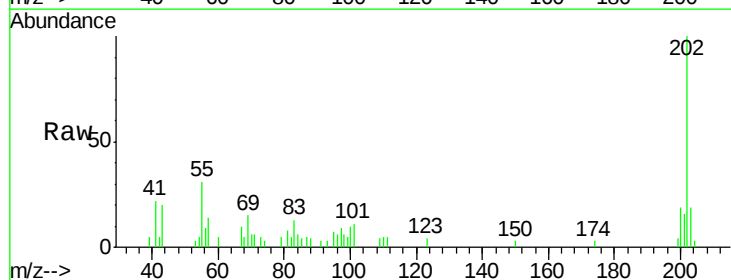
Instrument :
BNA_F
ClientSampleId :
TYB2(2-2.5)

Tgt Ion:240 Resp: 96187
Ion Ratio Lower Upper
240 100
120 11.2 16.2 24.2#
236 25.6 18.4 27.6



#77
Pyrene
Concen: 2.09 ng
RT: 21.81 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF081576.D
Acq: 10 Sep 2015 20:20

Tgt Ion:202 Resp: 14867
Ion Ratio Lower Upper
202 100
200 19.0 15.0 22.4
203 19.3 14.1 21.1

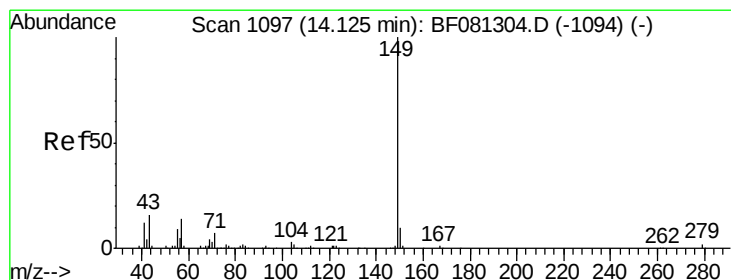
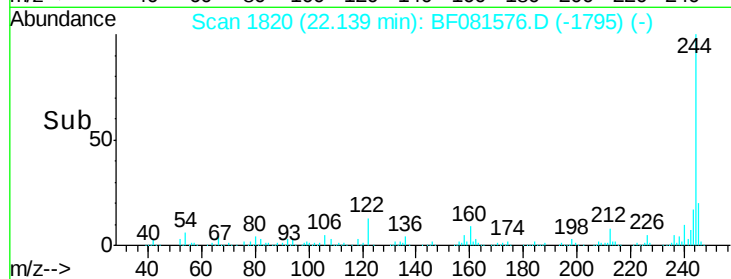
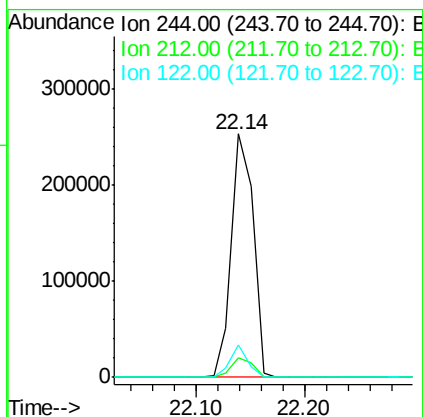
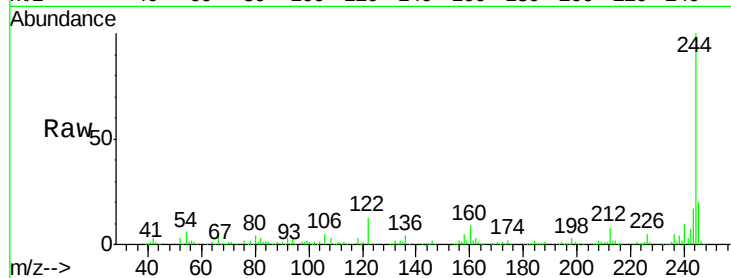




#78
 Terphenyl-d14
 Concen: 84.78 ng
 RT: 22.14 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF081576.D
 Acq: 10 Sep 2015 20:20

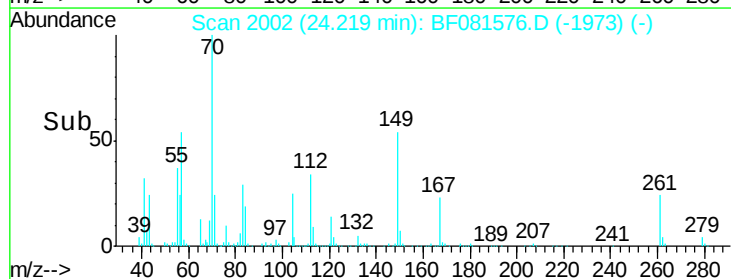
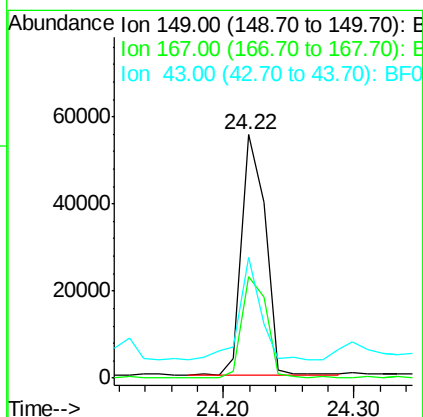
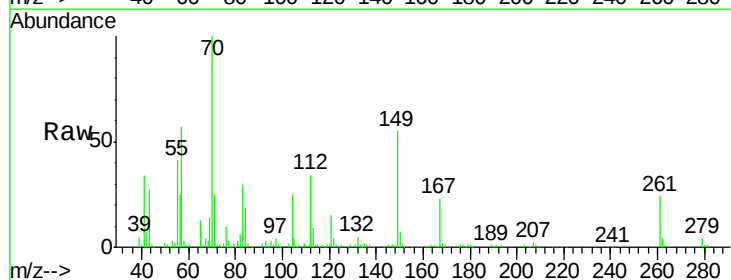
Instrument :
 BNA_F
 ClientSampleId :
 TYB2(2-2.5)

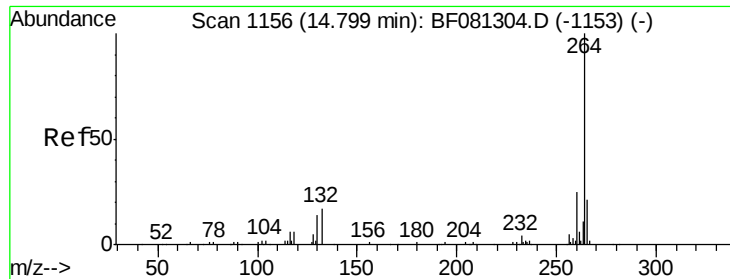
Tgt Ion:244 Resp: 350296
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.3 6.5#
 122 13.2 17.4 26.2#



#84
 Di-n-octyl phthalate
 Concen: 10.28 ng
 RT: 24.22 min Scan# 2002
 Delta R.T. 0.03 min
 Lab File: BF081576.D
 Acq: 10 Sep 2015 20:20

Tgt Ion:149 Resp: 69195
 Ion Ratio Lower Upper
 149 100
 167 44.7 1.0 1.6#
 43 38.5 10.2 15.2#



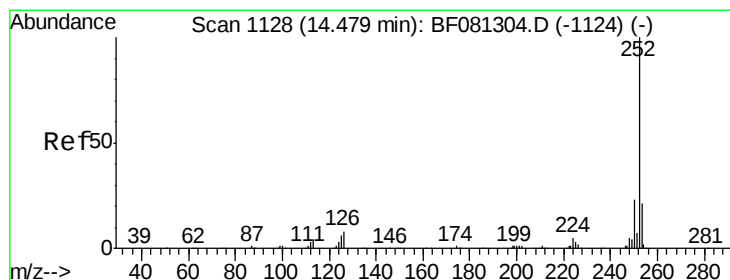
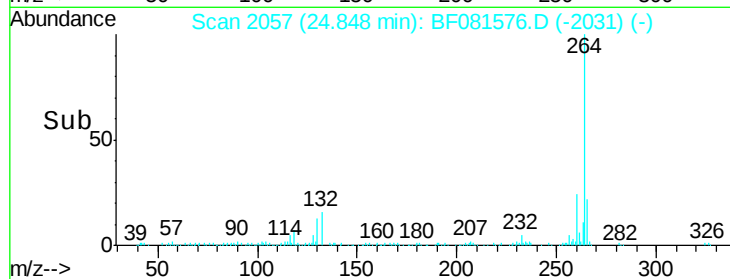
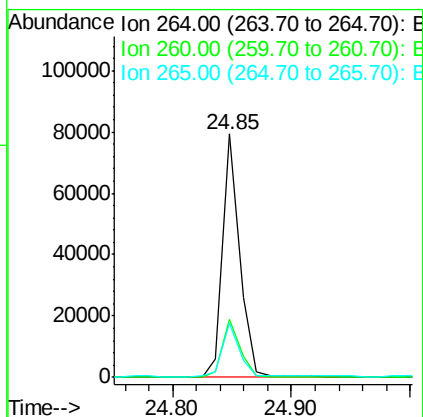
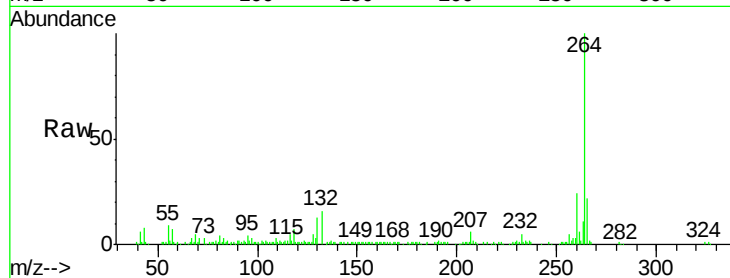


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BF081576.D
Acq: 10 Sep 2015 20:20

Instrument :
BNA_F
ClientSampleId :
TYB2(2-2.5)

Tgt Ion: 264 Resp: 79152

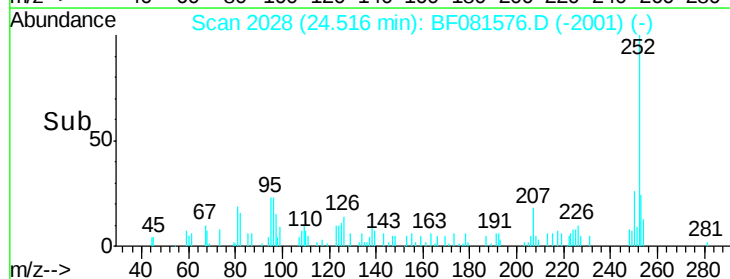
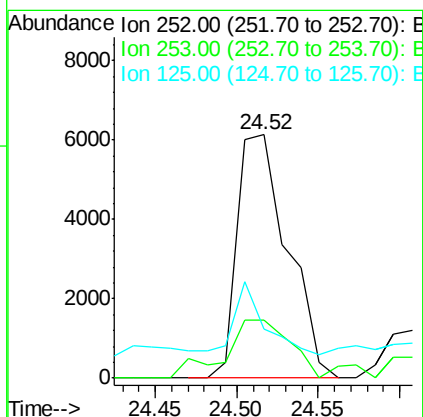
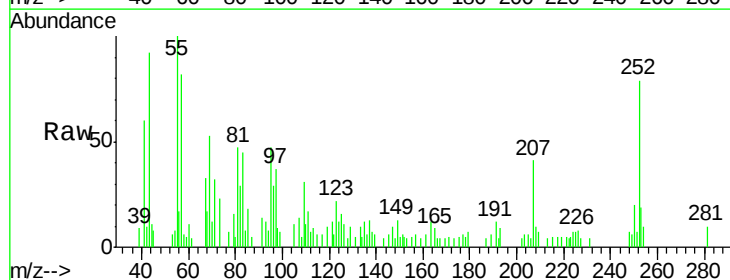
Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	22.3	17.2	25.8

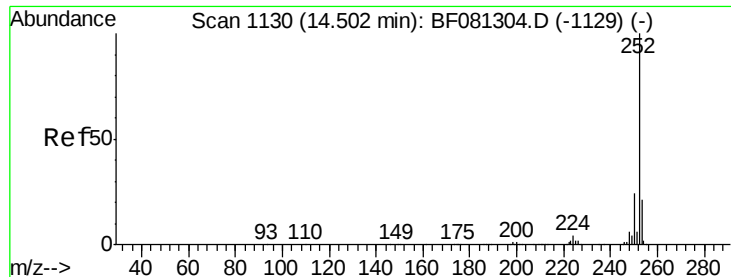


#87
Benzo(b)fluoranthene
Concen: 2.32 ng
RT: 24.52 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF081576.D
Acq: 10 Sep 2015 20:20

Tgt Ion: 252 Resp: 13096

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	20.2	17.1	25.7





#88

Benzo(k)fluoranthene

Concen: 2.79 ng

RT: 24.52 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF081576.D

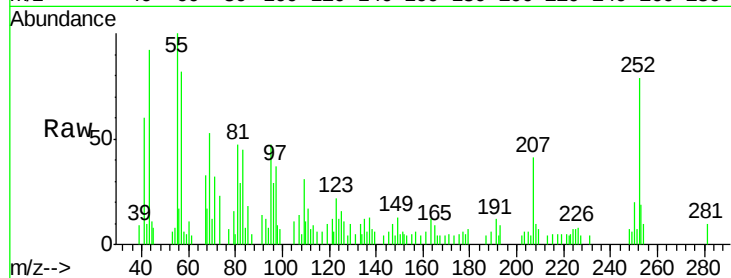
Acq: 10 Sep 2015 20:20

Instrument :

BNA_F

ClientSampleId :

TYB2(2-2.5)



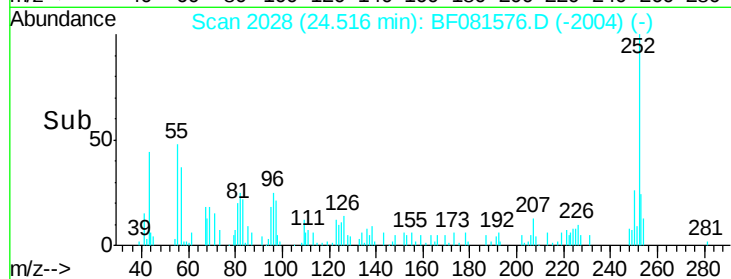
Tgt Ion: 252 Resp: 13096

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.4

125 20.2 16.0 24.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

