

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
 Data File : BF081744.D
 Acq On : 22 Sep 2015 17:36
 Operator : UM/IZ
 Sample : G3753-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Sep 22 18:09:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:42:58 2015
 Response via : Initial Calibration

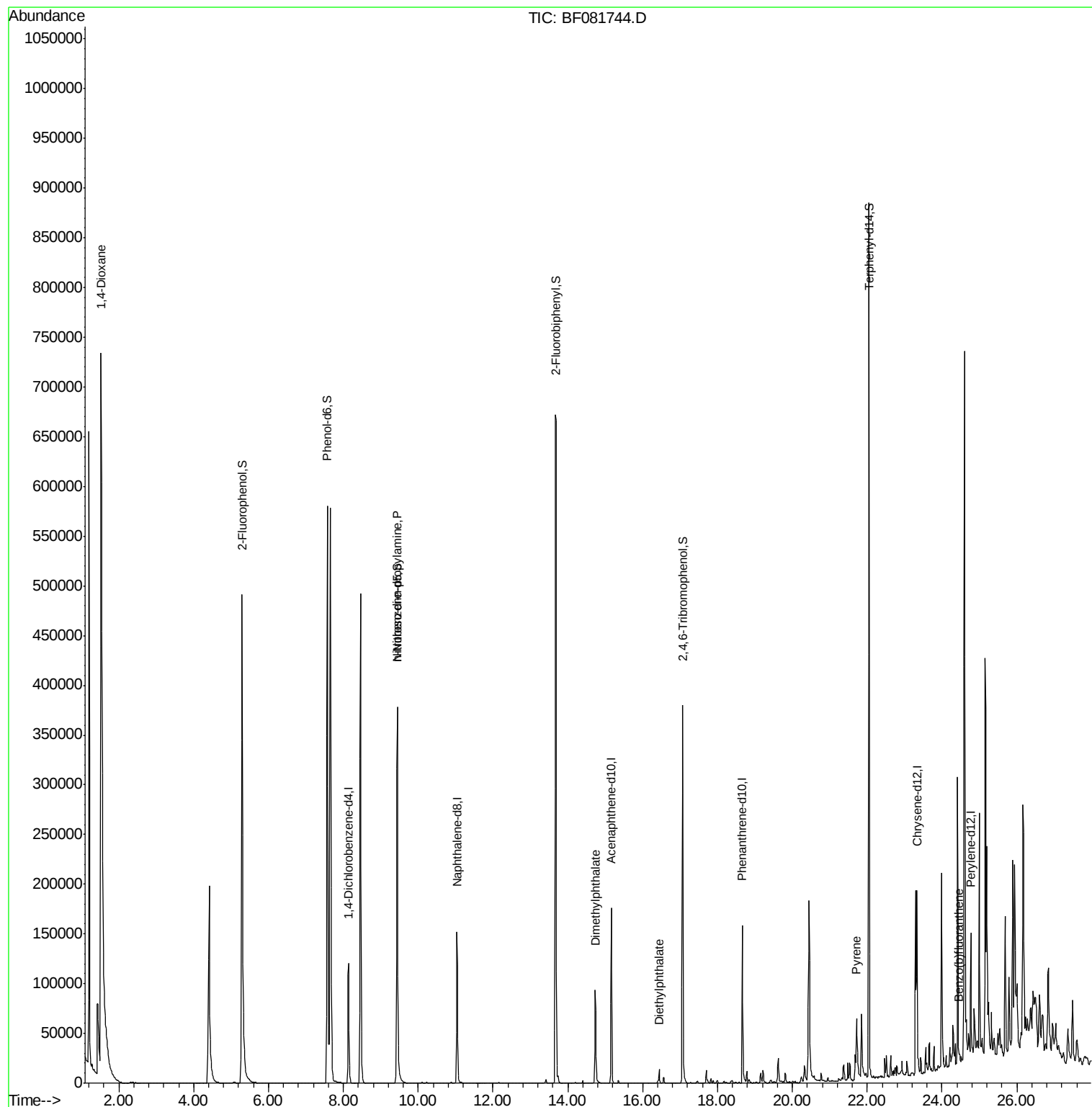
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35080	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	135339	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	61475	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	116885	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	70981	20.00	ng	0.00
86) Perylene-d12	24.77	264	54760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	250943	110.99	ng	0.01
7) Phenol-d6	7.57	99	355372	118.74	ng	-0.01
23) Nitrobenzene-d5	9.44	82	238334	84.96	ng	-0.01
41) 2,4,6-Tribromophenol	17.07	330	69001	126.06	ng	-0.01
44) 2-Fluorobiphenyl	13.68	172	421663	87.90	ng	-0.01
78) Terphenyl-d14	22.05	244	319297	104.71	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.52	88	46964	46.25	ng	# 11
19) n-Nitroso-di-n-propylamine	9.44	70	31261	15.35	ng	# 66
49) Dimethylphthalate	14.73	163	72154	15.11	ng	# 96
59) Diethylphthalate	16.44	149	10441	2.08	ng	# 92
77) Pyrene	21.72	202	11979	2.28	ng	# 96
87) Benzo(b)fluoranthene	24.44	252	7874	2.01	ng	# 91

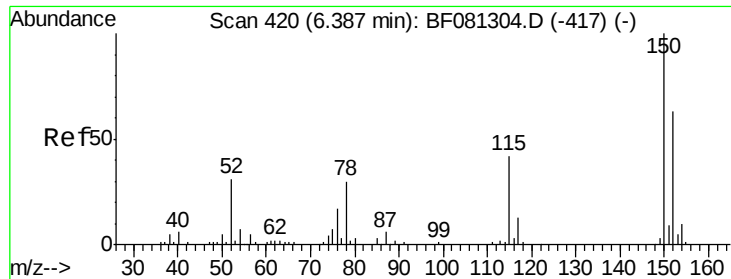
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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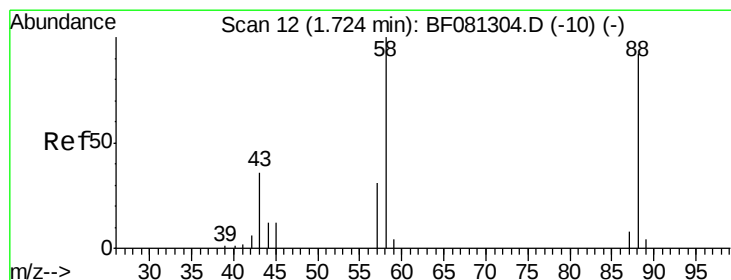
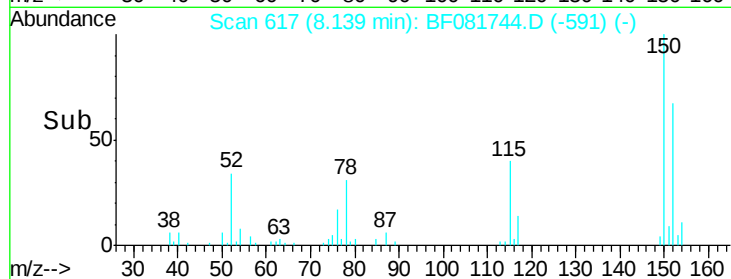
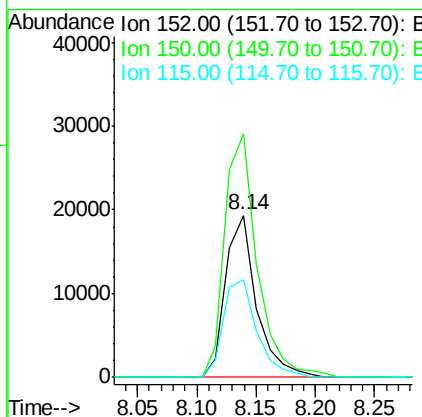
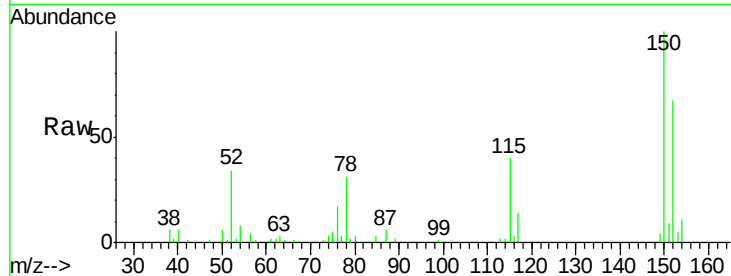




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081744.D
 Acq: 22 Sep 2015 17:36

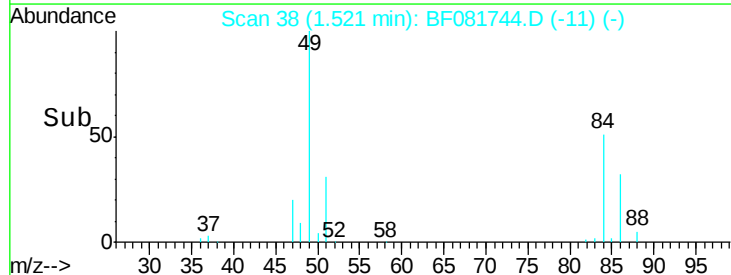
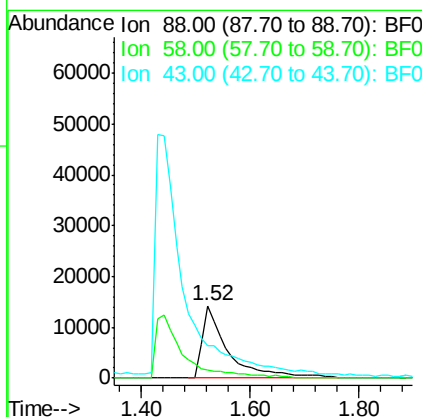
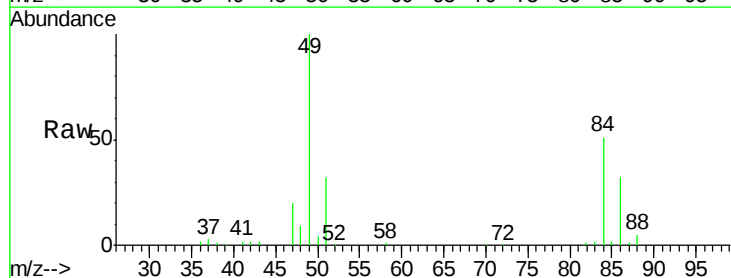
Instrument :
 BNA_F
 ClientSampleId :
 SP-1

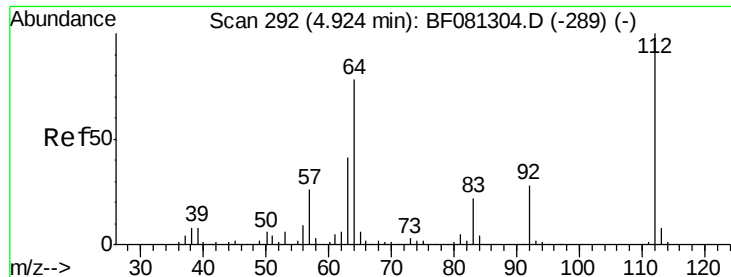
Tgt Ion:152 Resp: 35080
 Ion Ratio Lower Upper
 152 100
 150 150.2 124.7 187.1
 115 60.6 39.0 58.4#



#2
 1,4-Dioxane
 Concen: 46.25 ng
 RT: 1.52 min Scan# 38
 Delta R.T. 0.01 min
 Lab File: BF081744.D
 Acq: 22 Sep 2015 17:36

Tgt Ion: 88 Resp: 46964
 Ion Ratio Lower Upper
 88 100
 58 0.0 77.7 116.5#
 43 0.0 26.6 40.0#





#5

2-Fluorophenol

Concen: 110.99 ng

RT: 5.29 min Scan# 368

Delta R.T. 0.01 min

Lab File: BF081744.D

Acq: 22 Sep 2015 17:36

Instrument :

BNA_F

ClientSampleId :

SP-1

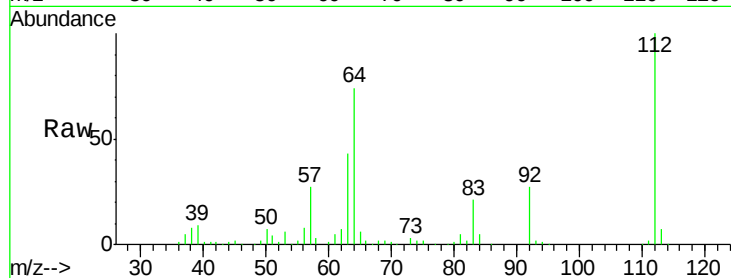
Tgt Ion: 112 Resp: 250943

Ion Ratio Lower Upper

112 100

64 74.3 39.7 59.5#

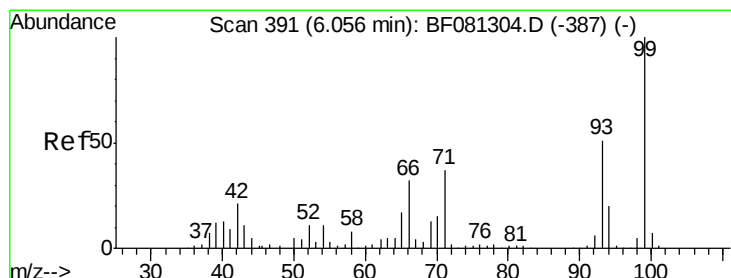
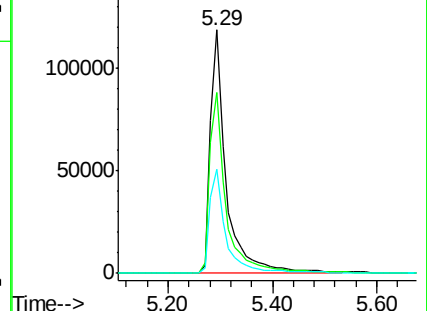
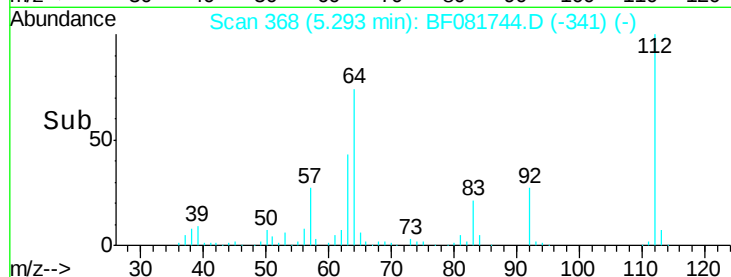
63 42.6 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 118.74 ng

RT: 7.57 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF081744.D

Acq: 22 Sep 2015 17:36

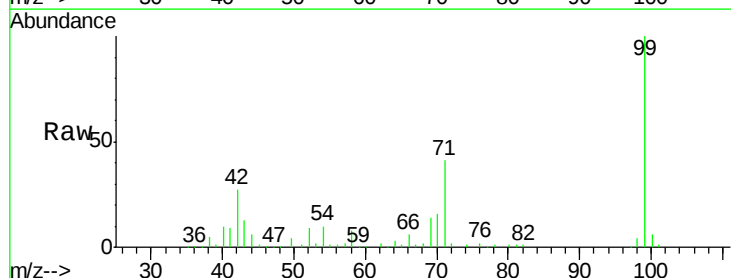
Tgt Ion: 99 Resp: 355372

Ion Ratio Lower Upper

99 100

42 26.6 13.7 20.5#

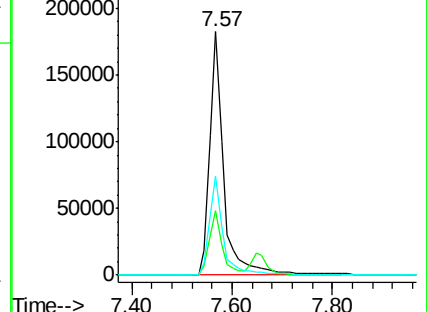
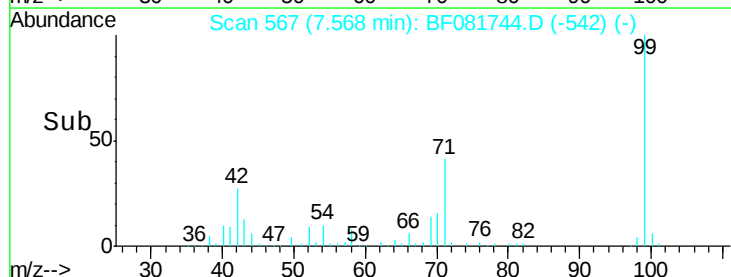
71 40.9 14.2 21.2#

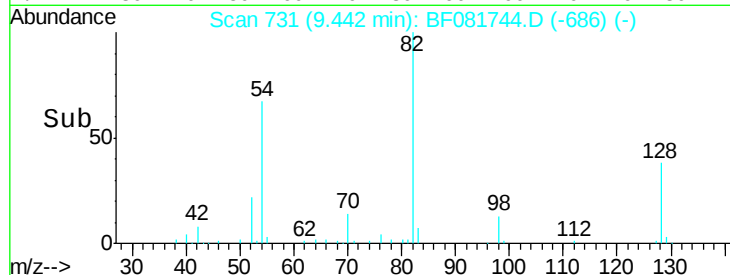
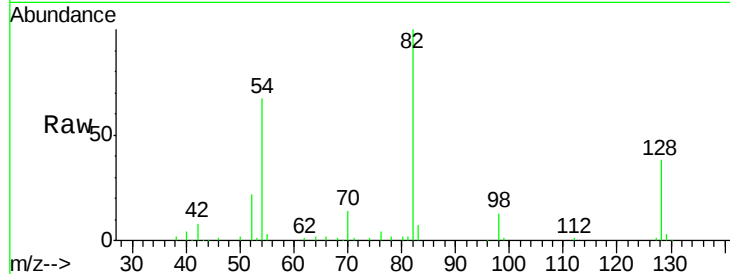
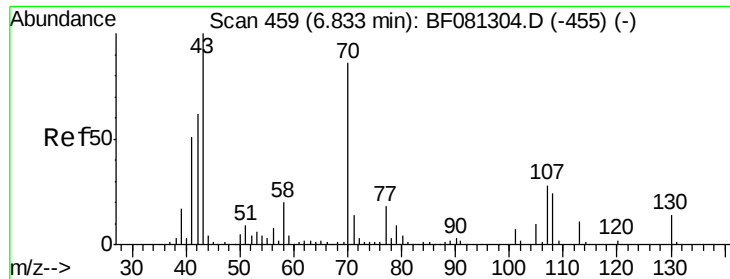


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

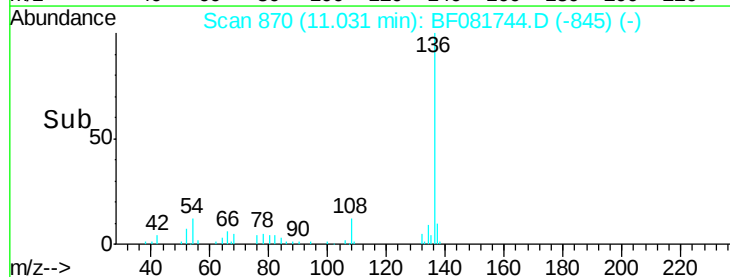
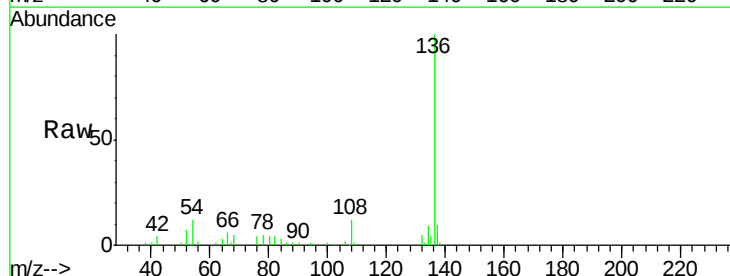
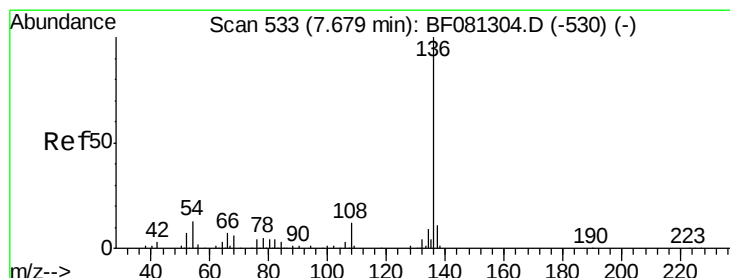
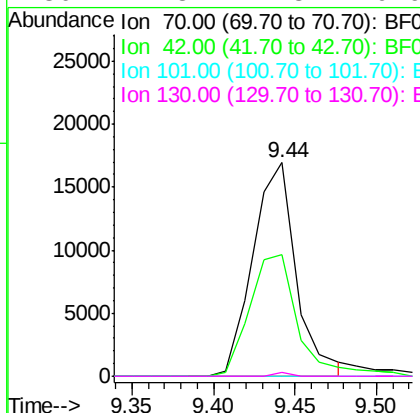




#19
n-Nitroso-di-n-propylamine
Concen: 15.35 ng
RT: 9.44 min Scan# 731
Delta R.T. 0.22 min
Lab File: BF081744.D
Acq: 22 Sep 2015 17:36

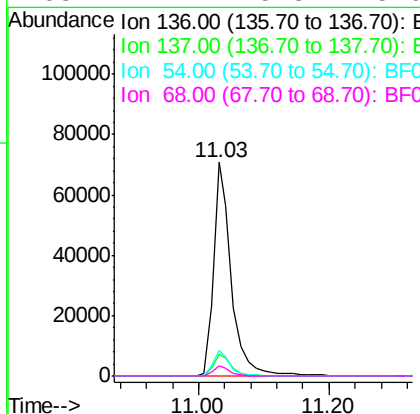
Instrument :
BNA_F
ClientSampled :
SP-1

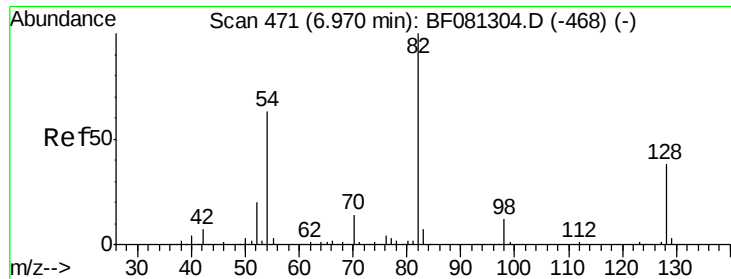
Tgt Ion: 70 Resp: 31261
Ion Ratio Lower Upper
70 100
42 57.0 63.8 95.6#
101 0.0 9.2 13.8#
130 1.8 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF081744.D
Acq: 22 Sep 2015 17:36

Tgt Ion: 136 Resp: 135339
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 12.1 8.2 12.2
68 4.7 5.8 8.6#

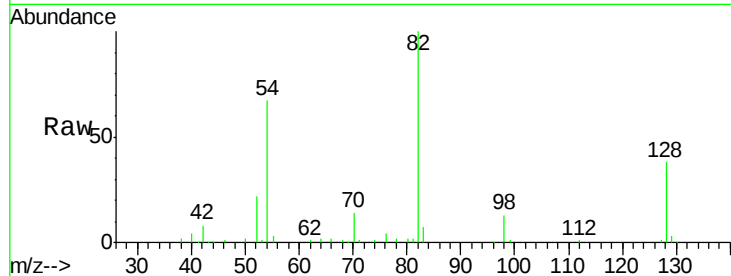




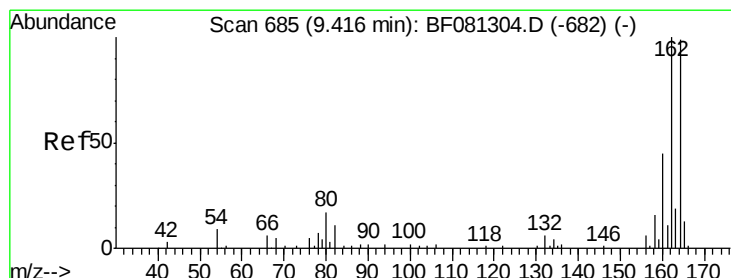
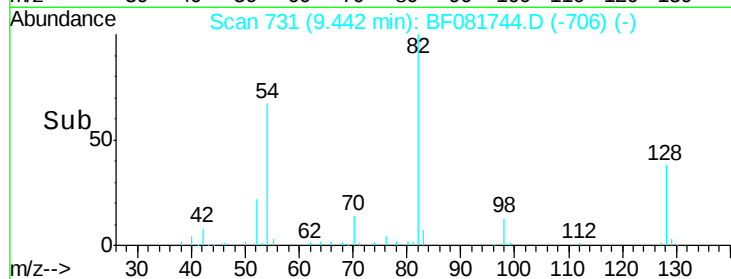
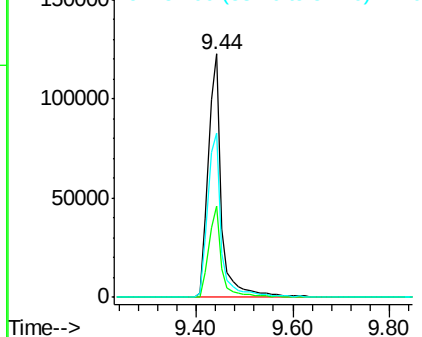
#23
 Nitrobenzene-d5
 Concen: 84.96 ng
 RT: 9.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081744.D
 Acq: 22 Sep 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion: 82 Resp: 238334
 Ion Ratio Lower Upper
 82 100
 128 37.6 51.0 76.6#
 54 67.3 47.5 71.3

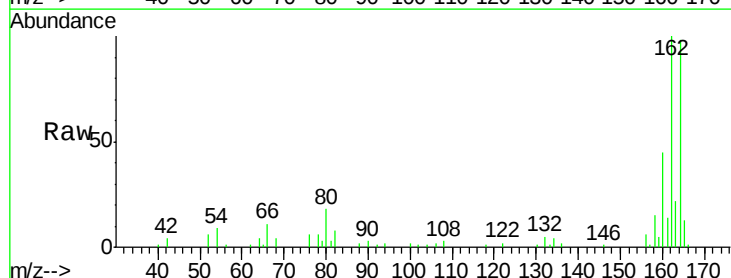


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

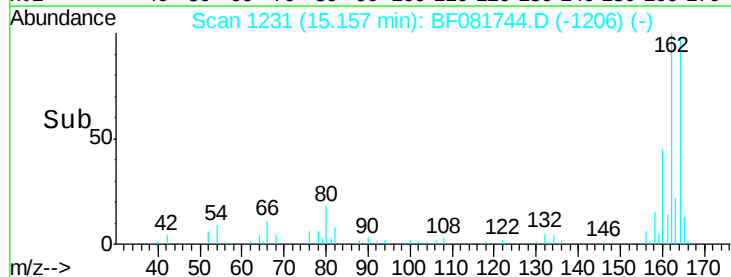
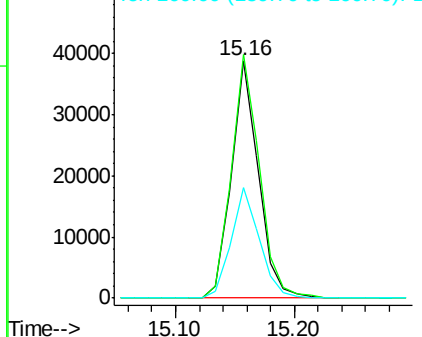


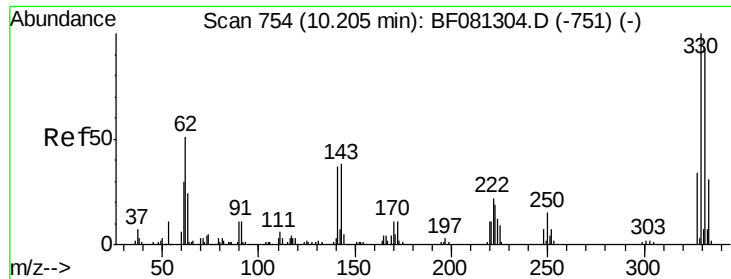
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF081744.D
 Acq: 22 Sep 2015 17:36

Tgt Ion: 164 Resp: 61475
 Ion Ratio Lower Upper
 164 100
 162 102.5 75.2 112.8
 160 46.4 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

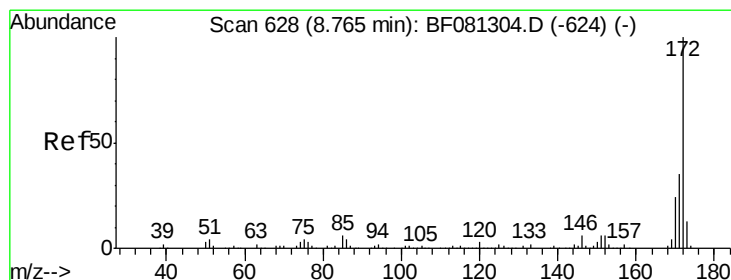
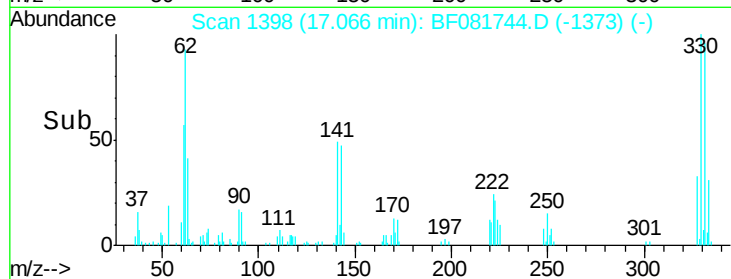
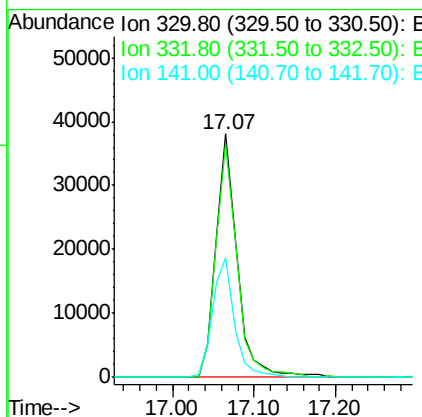
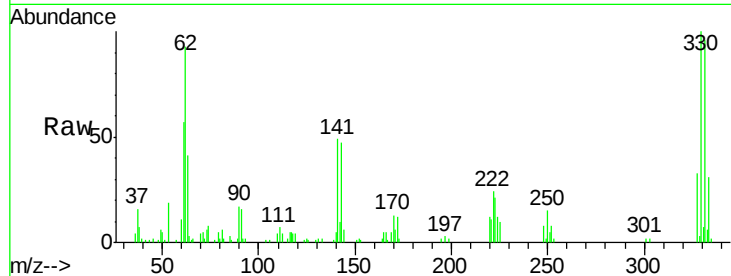




#41
 2,4,6-Tribromophenol
 Concen: 126.06 ng
 RT: 17.07 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF081744.D
 Acq: 22 Sep 2015 17:36

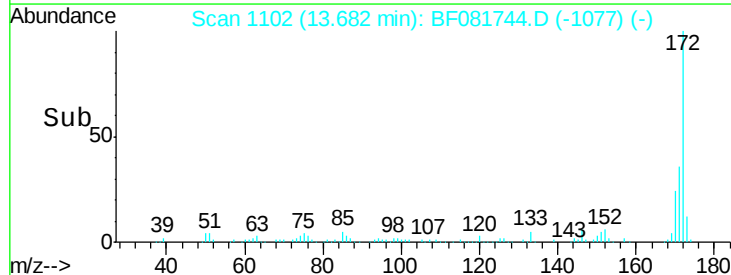
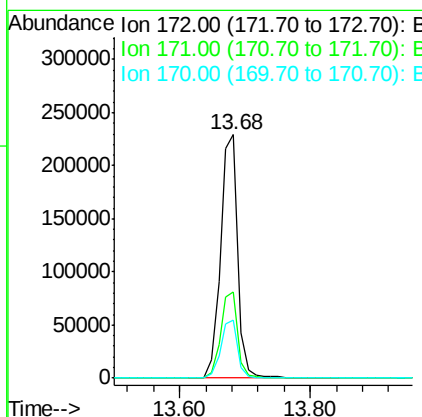
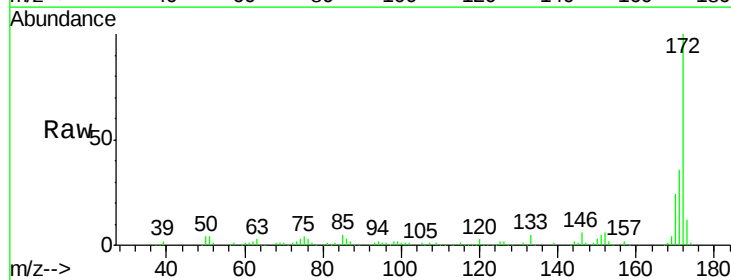
Instrument :
 BNA_F
 ClientSampleID :
 SP-1

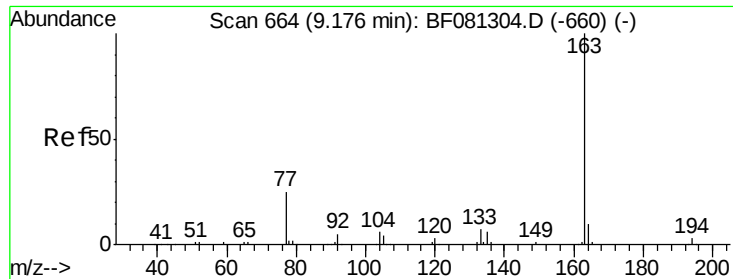
Tgt Ion:330 Resp: 69001
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 50.8 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 87.90 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081744.D
 Acq: 22 Sep 2015 17:36

Tgt Ion:172 Resp: 421663
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.9 17.4 26.2





#49

Dimethylphthalate

Concen: 15.11 ng

RT: 14.73 min Scan# 1194

Delta R.T. -0.05 min

Lab File: BF081744.D

Acq: 22 Sep 2015 17:36

Instrument :

BNA_F

ClientSampleId :

SP-1

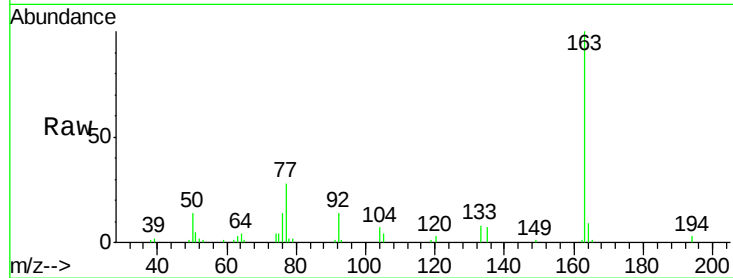
Tgt Ion:163 Resp: 72154

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

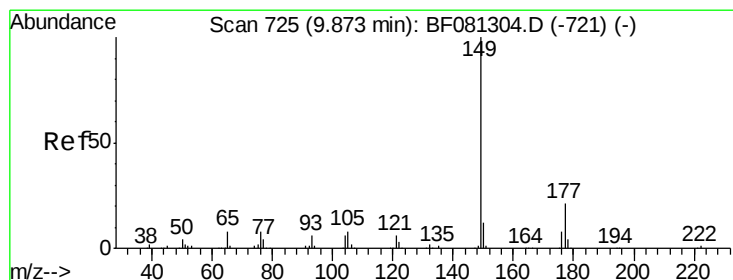
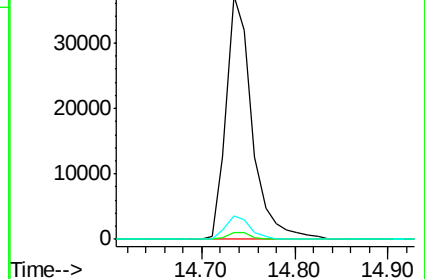
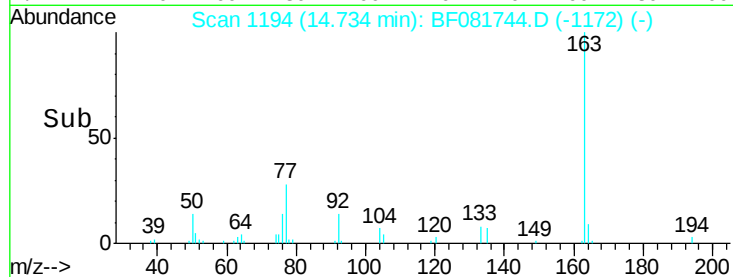
164 9.4 8.3 12.5



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



#59

Diethylphthalate

Concen: 2.08 ng

RT: 16.44 min Scan# 1343

Delta R.T. -0.03 min

Lab File: BF081744.D

Acq: 22 Sep 2015 17:36

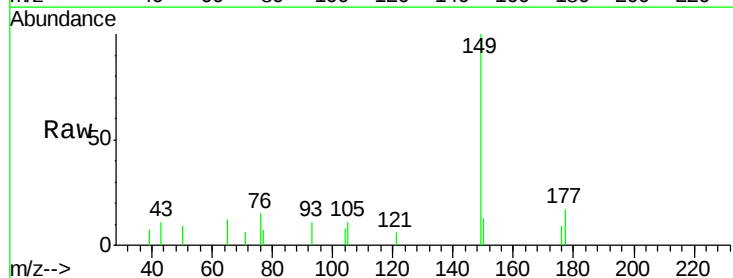
Tgt Ion:149 Resp: 10441

Ion Ratio Lower Upper

149 100

177 16.6 17.5 26.3#

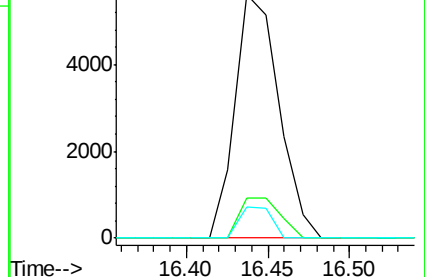
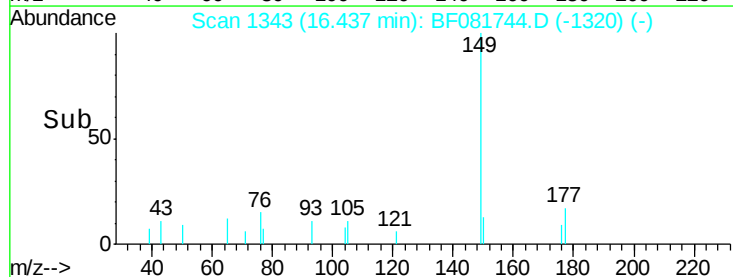
150 12.6 9.4 14.2

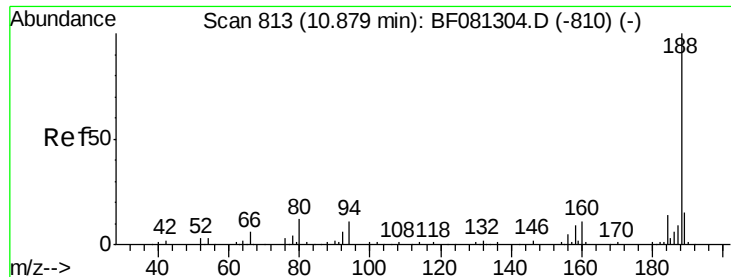


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

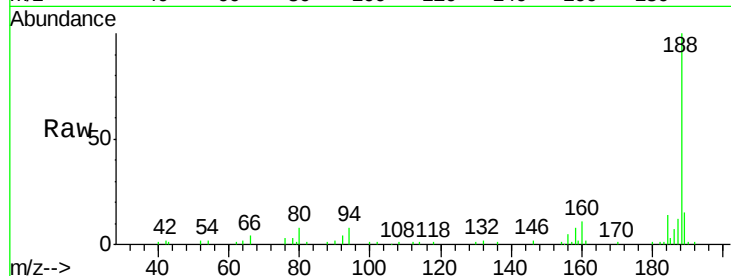




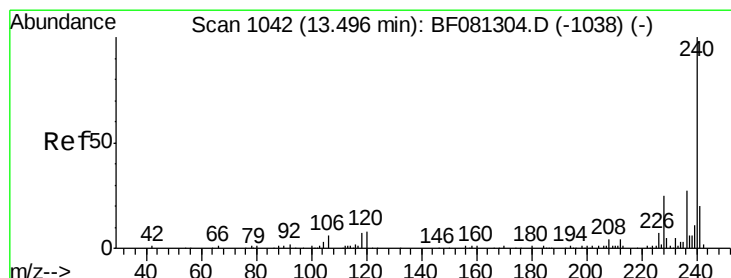
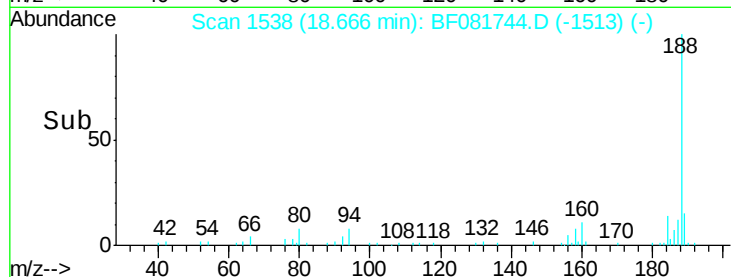
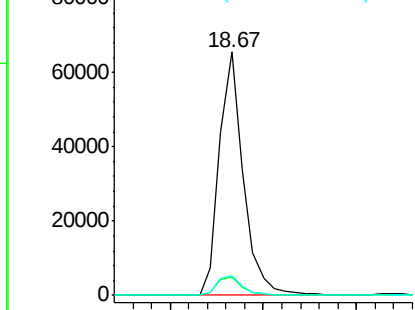
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.67 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF081744.D
Acq: 22 Sep 2015 17:36

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:188 Resp: 116885
Ion Ratio Lower Upper
188 100
94 7.5 11.1 16.7#
80 8.2 11.0 16.4#

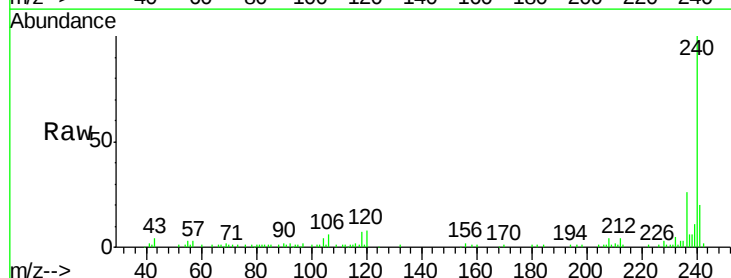


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

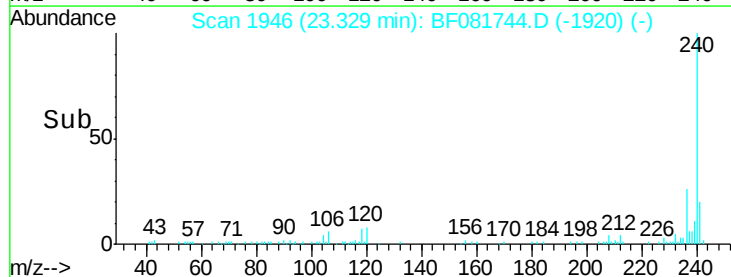
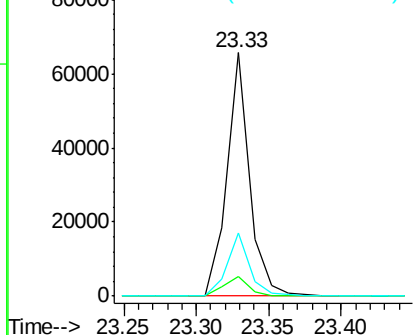


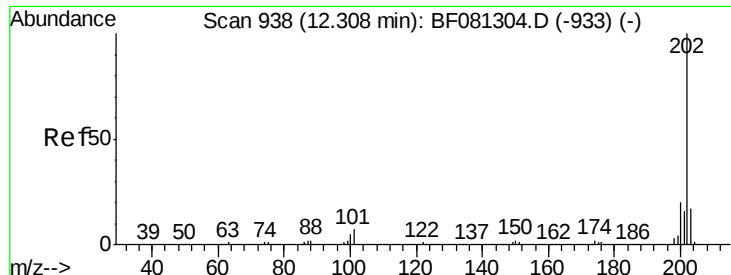
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.33 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BF081744.D
Acq: 22 Sep 2015 17:36

Tgt Ion:240 Resp: 70981
Ion Ratio Lower Upper
240 100
120 7.9 16.2 24.2#
236 25.8 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

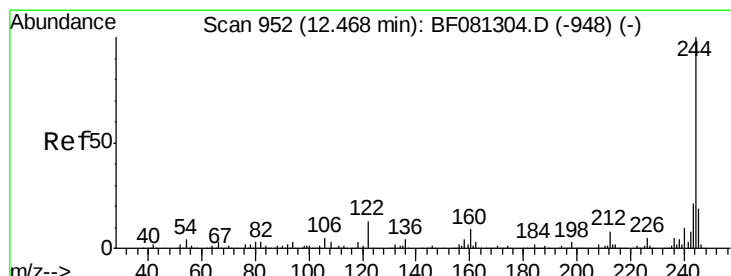
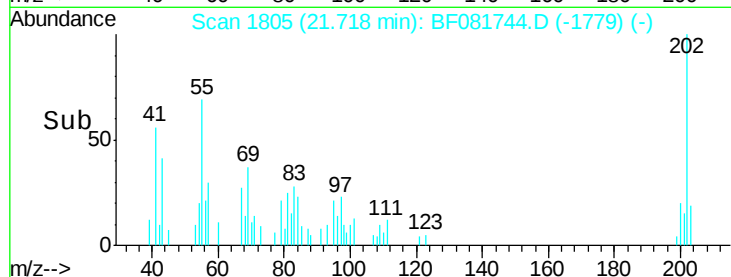
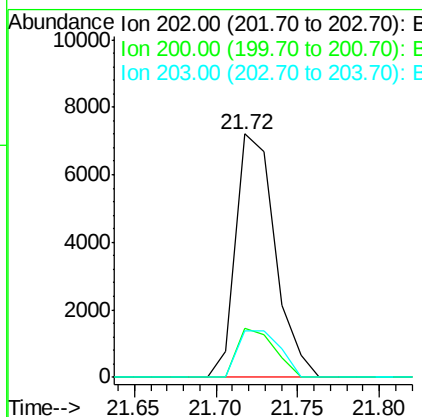
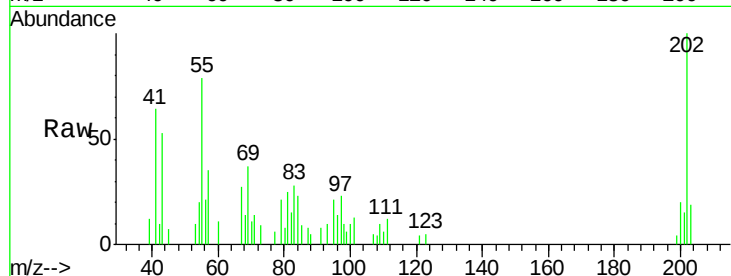




#77
 Pyrene
 Concen: 2.28 ng
 RT: 21.72 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BF081744.D
 Acq: 22 Sep 2015 17:36

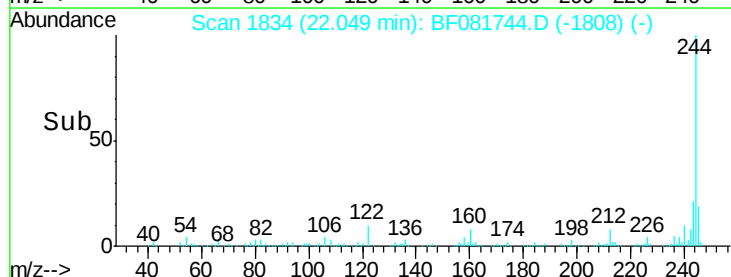
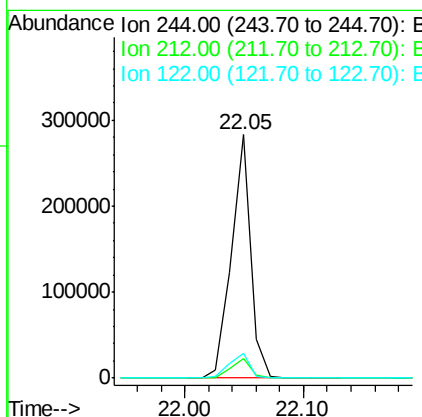
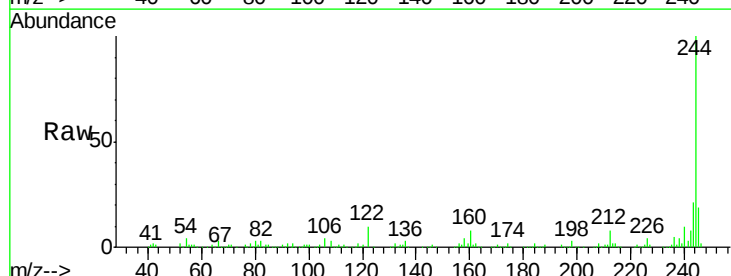
Instrument :
 BNA_F
 ClientSampled :
 SP-1

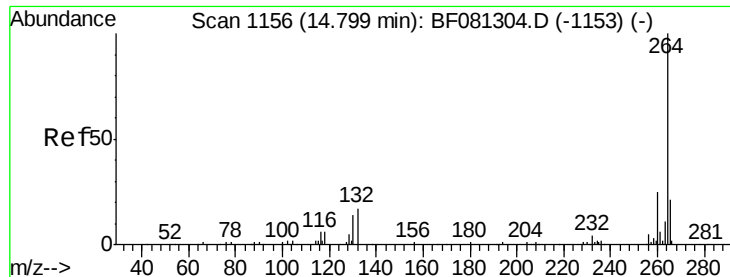
Tgt Ion: 202 Resp: 11979
 Ion Ratio Lower Upper
 202 100
 200 20.3 15.0 22.4
 203 19.2 14.1 21.1



#78
 Terphenyl-d14
 Concen: 104.71 ng
 RT: 22.05 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BF081744.D
 Acq: 22 Sep 2015 17:36

Tgt Ion: 244 Resp: 319297
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 10.0 17.4 26.2#



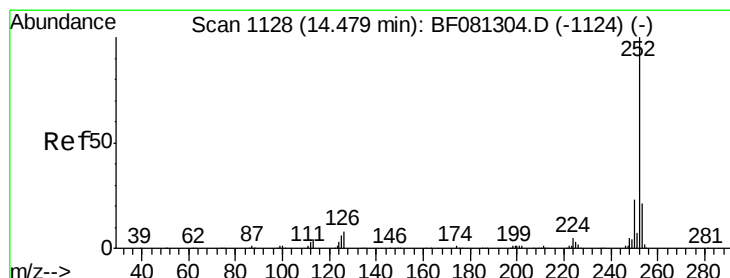
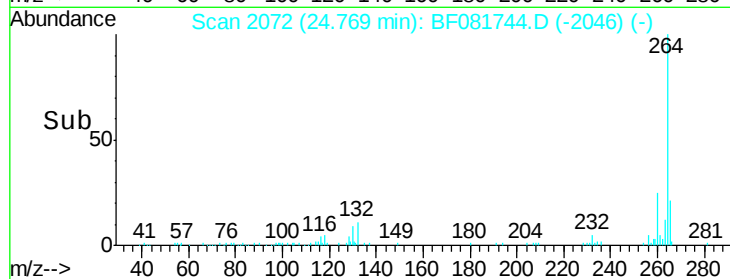
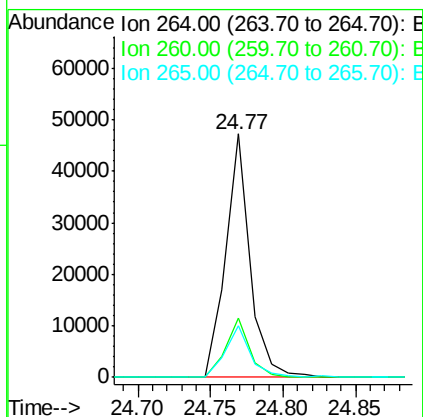
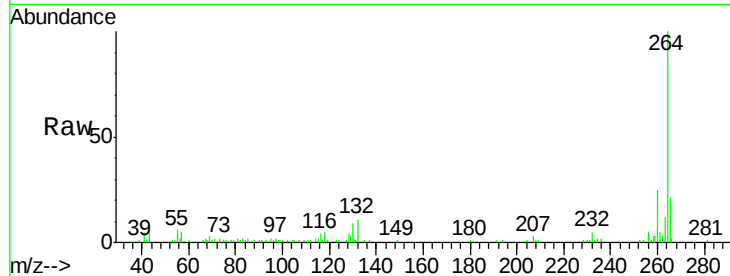


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.77 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BF081744.D
Acq: 22 Sep 2015 17:36

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 264 Resp: 54760

Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.2	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 2.01 ng
RT: 24.44 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BF081744.D
Acq: 22 Sep 2015 17:36

Tgt Ion: 252 Resp: 7874

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	14.0	17.1	25.7#

