

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086847.D
 Acq On : 10 May 2016 3:48
 Operator : UM/SJ
 Sample : H2895-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP11-8-9FT

Quant Time: May 10 05:34:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

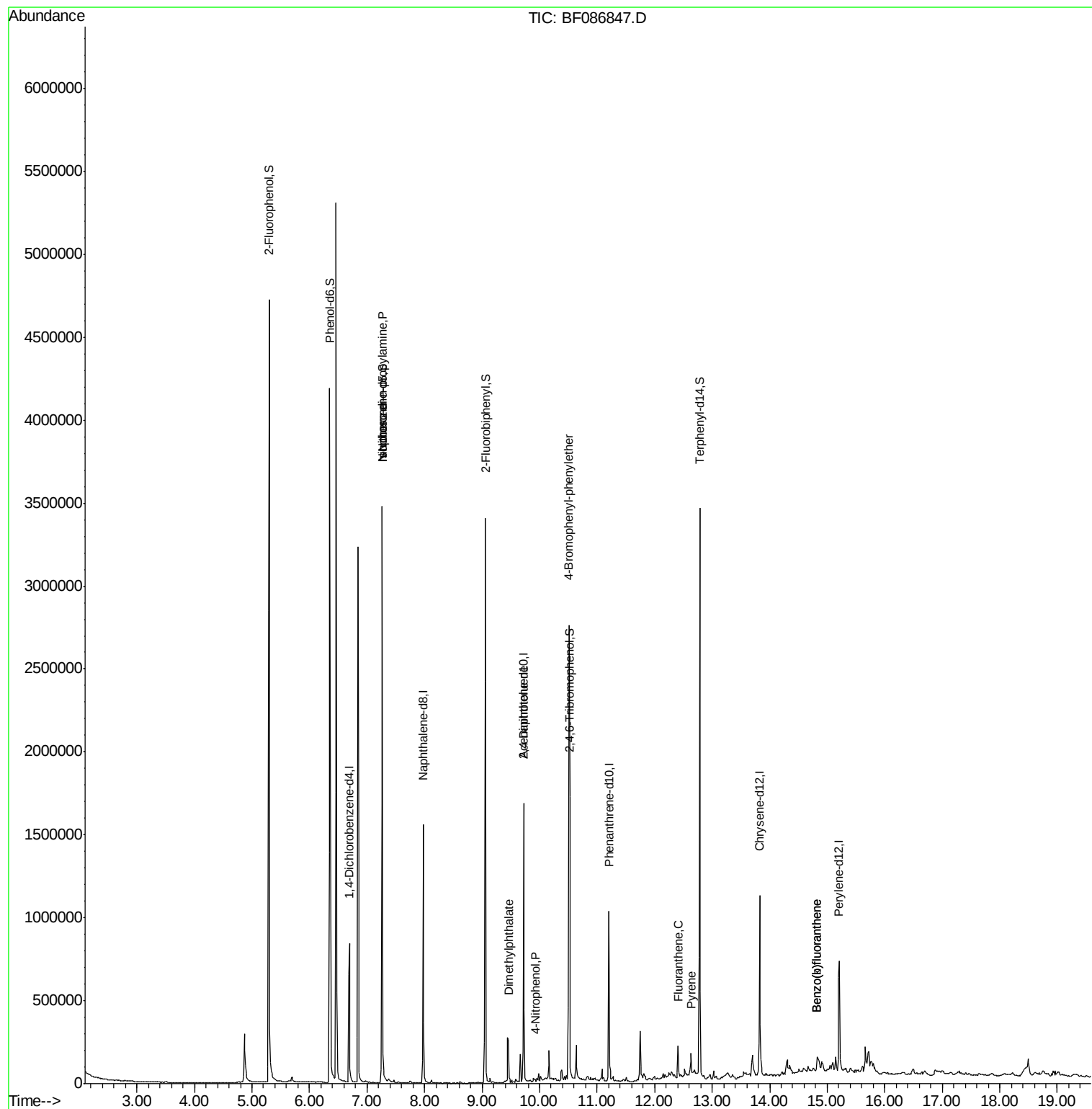
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	161233	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	664254	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	313175	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	565427	20.00	ng	0.00
75) Chrysene-d12	13.83	240	347635	20.00	ng	-0.01
86) Perylene-d12	15.21	264	339562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1375314	144.46	ng	0.01
7) Phenol-d6	6.35	99	1688594	132.71	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1177592	89.02	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	433145	130.64	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1382573	74.20	ng	0.00
78) Terphenyl-d14	12.78	244	974525	59.48	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	170305	19.15	ng	# 74
25) Isophorone	7.26	82	1138988	46.40	ng	# 68
49) Dimethylphthalate	9.46	163	154730	6.48	ng	98
55) 4-Nitrophenol	9.93	139	431	4.68	ng	# 14
56) 2,4-Dinitrotoluene	9.72	165	40507	6.51	ng	# 16
66) 4-Bromophenyl-phenylether	10.51	248	25292	4.41	ng	# 1
74) Fluoranthene	12.41	202	71330	2.30	ng	94
77) Pyrene	12.64	202	60700	2.28	ng	99
87) Benzo(b)fluoranthene	14.82	252	54399	2.47	ng	99
88) Benzo(k)fluoranthene	14.82	252	54399	3.01	ng	# 96

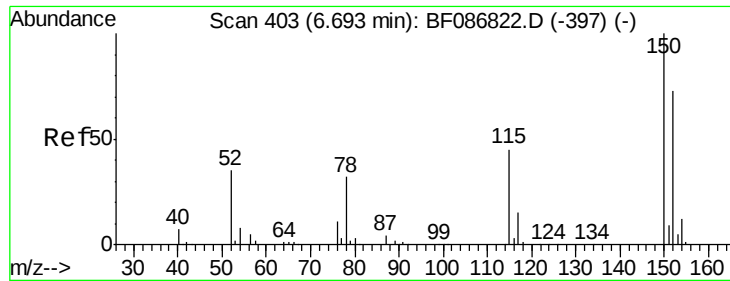
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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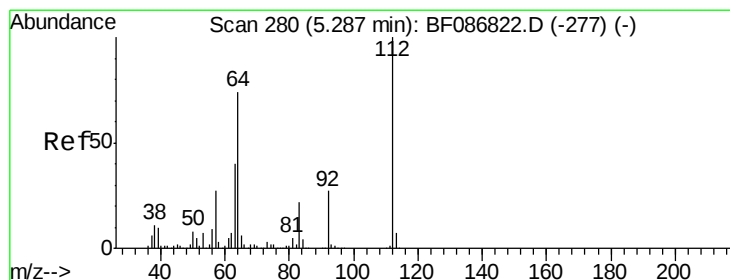
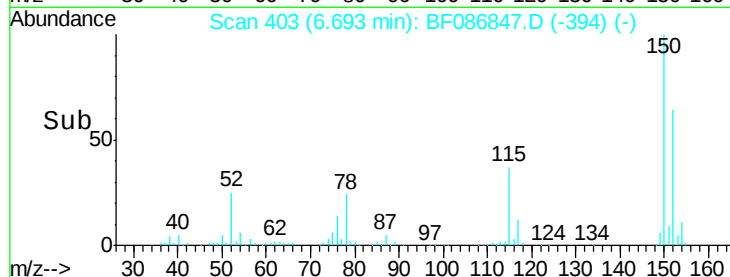
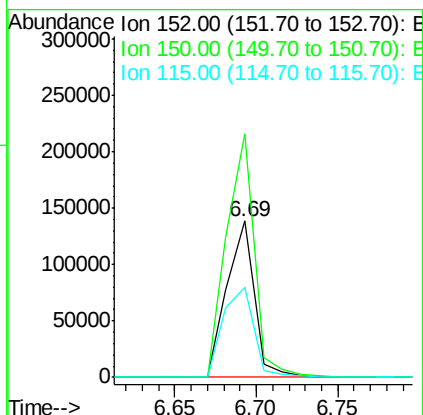
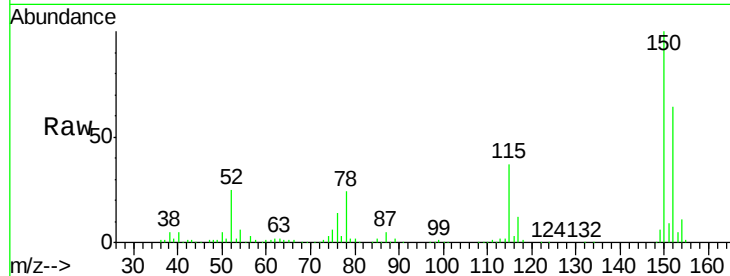




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.69 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: BF086847.D
 Acq: 10 May 2016 3:48

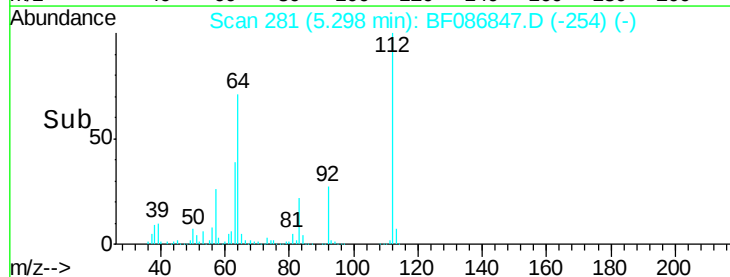
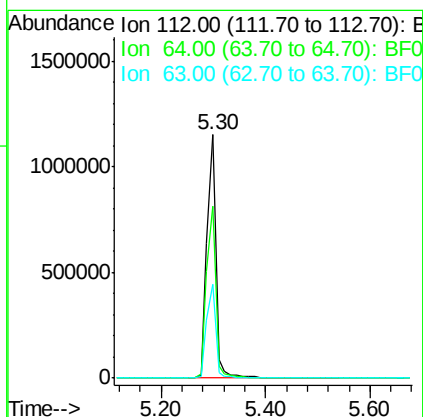
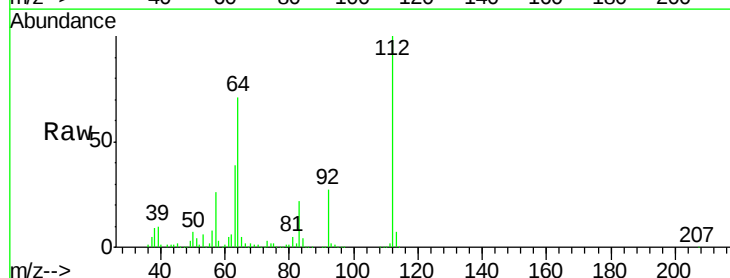
Instrument :
 BNA_F
 ClientSampleId :
 TP11-8-9FT

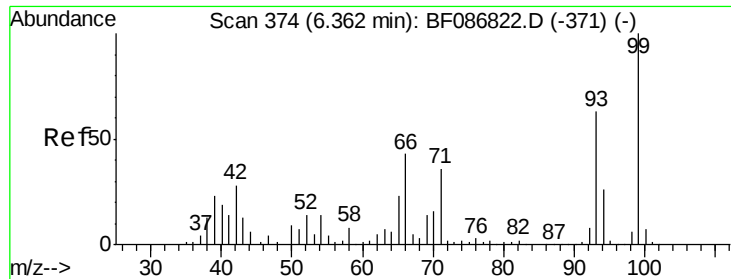
Tgt Ion:152 Resp: 161233
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.8 188.6
 115 57.5 51.5 77.3



#5
 2-Fluorophenol
 Concen: 144.46 ng
 RT: 5.30 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: BF086847.D
 Acq: 10 May 2016 3:48

Tgt Ion:112 Resp: 1375314
 Ion Ratio Lower Upper
 112 100
 64 70.7 52.1 78.1
 63 38.6 25.7 38.5#





#7

Phenol-d6

Concen: 132.71 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086847.D

Acq: 10 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

TP11-8-9FT

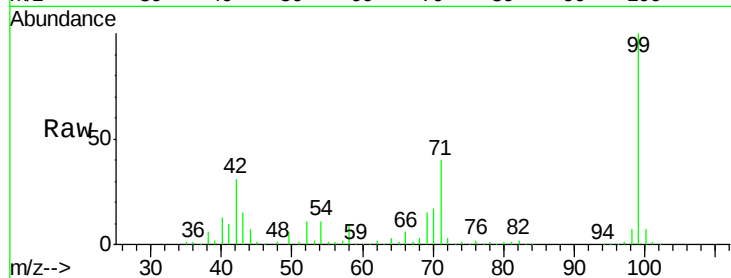
Tgt Ion: 99 Resp: 1688594

Ion Ratio Lower Upper

99 100

42 31.4 13.6 20.4#

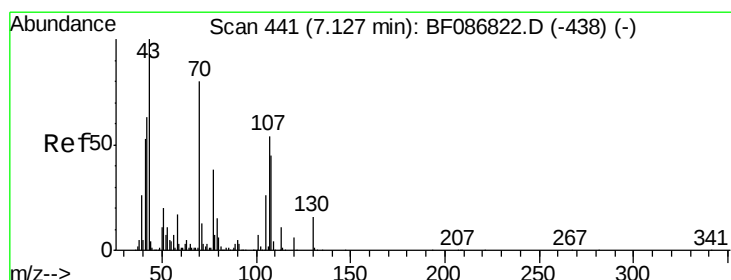
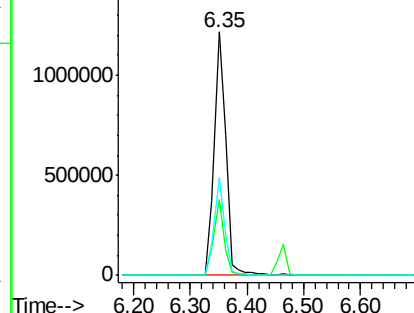
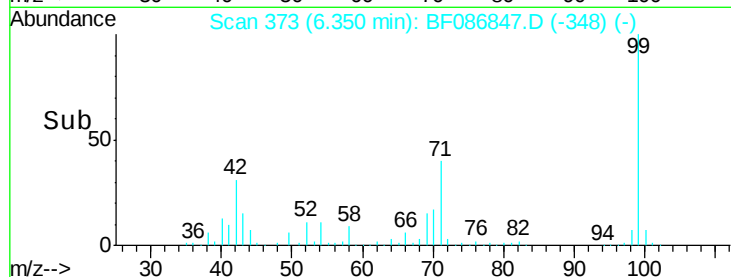
71 40.1 24.6 36.8#



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: 19.15 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.14 min

Lab File: BF086847.D

Acq: 10 May 2016 3:48

Tgt Ion: 70 Resp: 170305

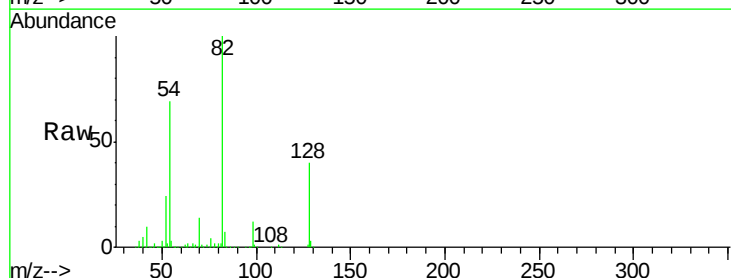
Ion Ratio Lower Upper

70 100

42 66.8 43.1 64.7#

101 0.0 8.1 12.1#

130 2.0 18.6 28.0#

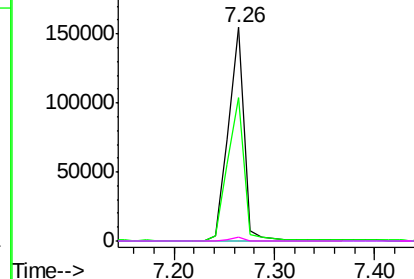
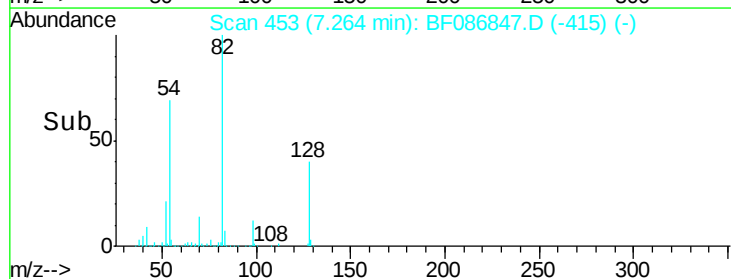


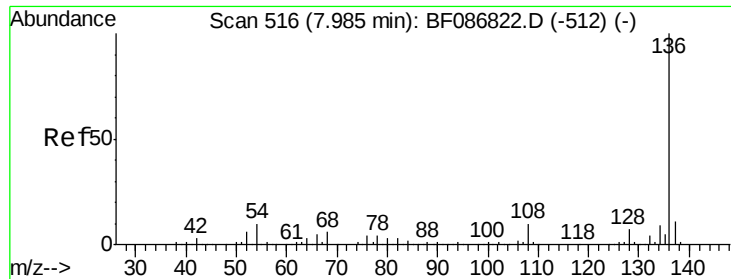
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

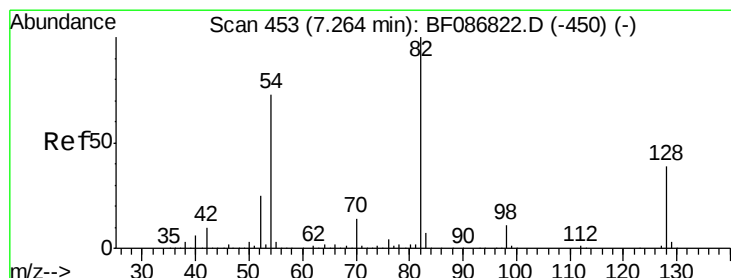
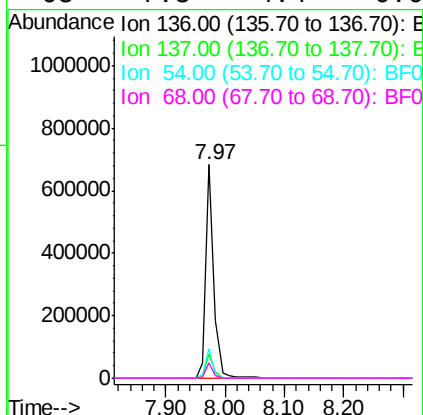
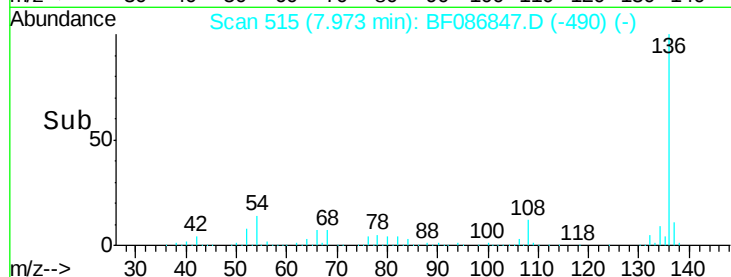
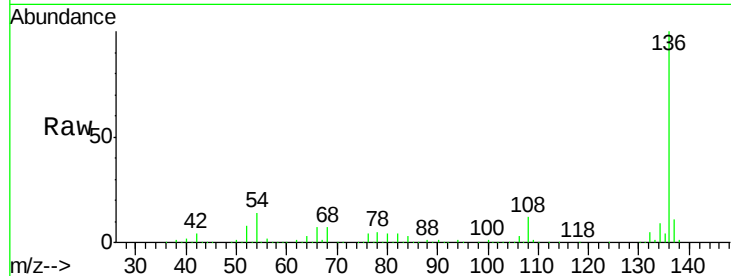




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

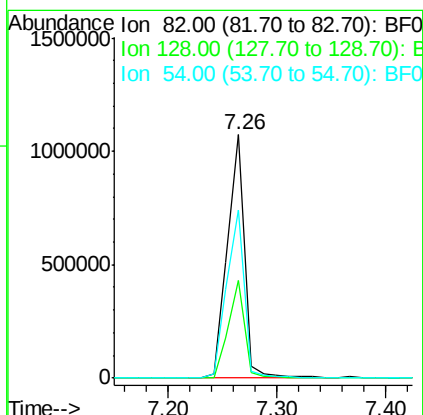
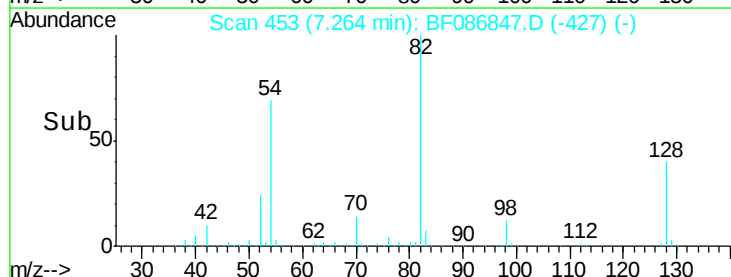
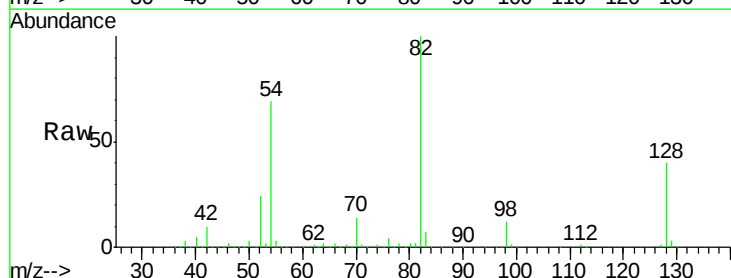
Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

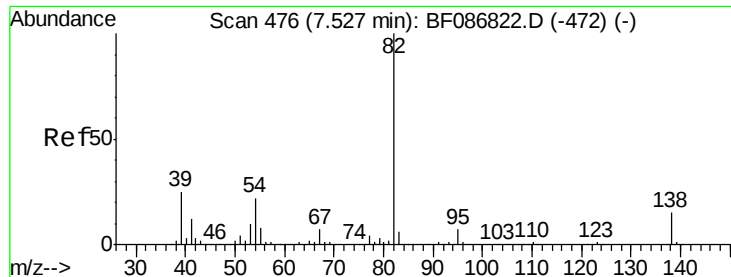
Tgt Ion:	136	Resp:	664254
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	13.9	5.0	7.4#
68	7.3	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 89.02 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

Tgt Ion:	82	Resp:	1177592
Ion Ratio	Lower	Upper	
82	100		
128	40.3	40.6	61.0#
54	69.3	38.1	57.1#





#25

Isophorone

Concen: 46.40 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.26 min

Lab File: BF086847.D

Acq: 10 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

TP11-8-9FT

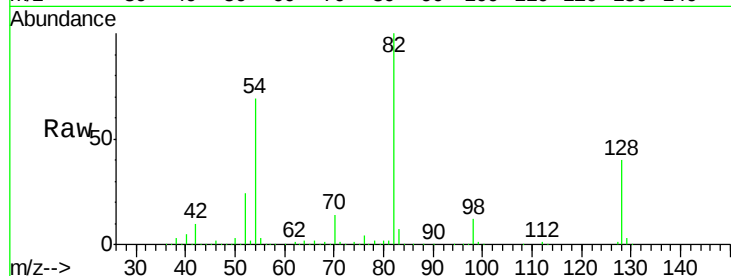
Tgt Ion: 82 Resp: 1138988

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

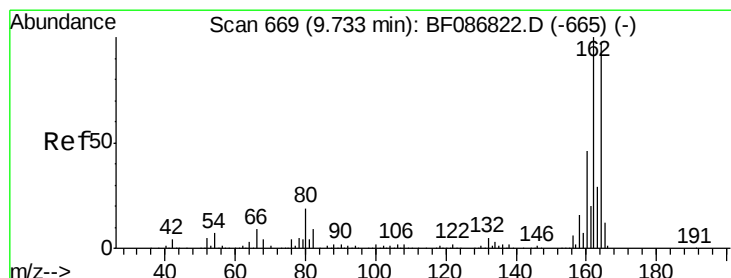
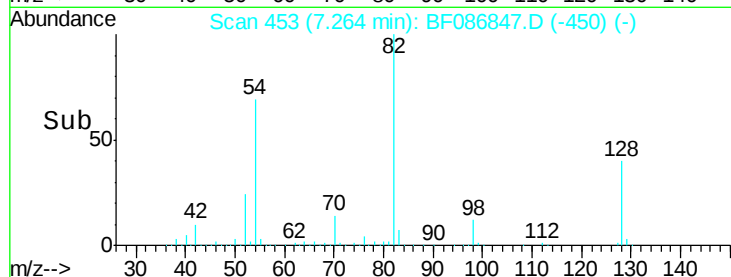
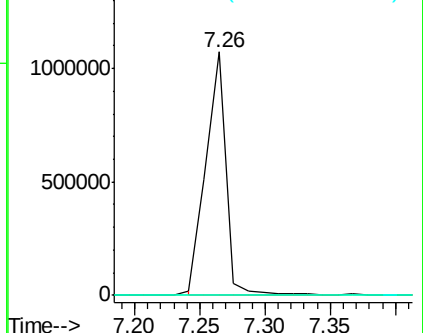
138 0.0 12.4 18.6#



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: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086847.D

Acq: 10 May 2016 3:48

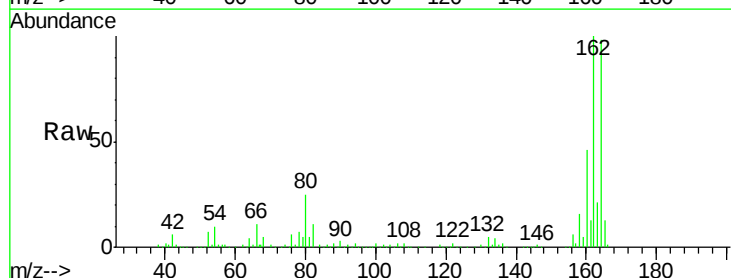
Tgt Ion: 164 Resp: 313175

Ion Ratio Lower Upper

164 100

162 102.1 82.8 124.2

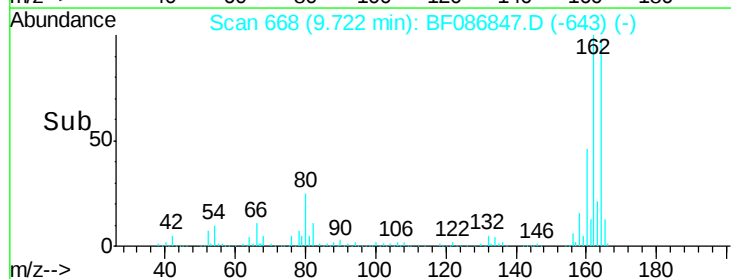
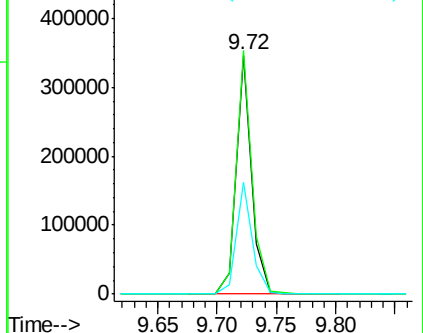
160 46.7 36.9 55.3

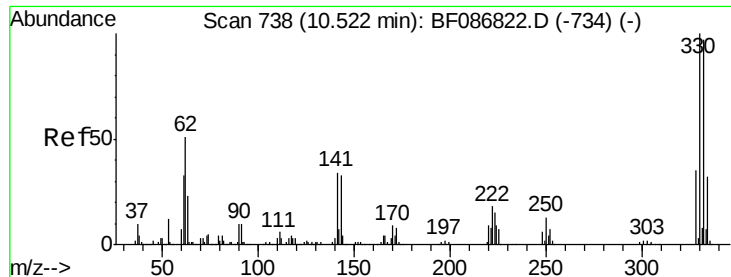


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

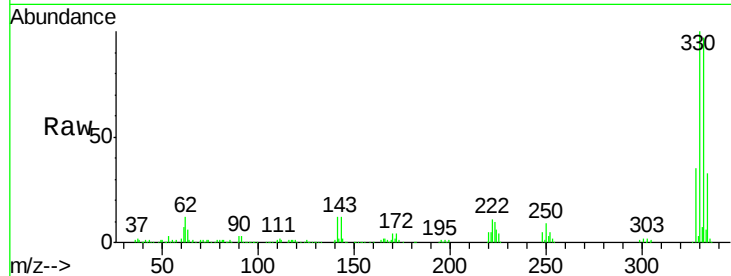




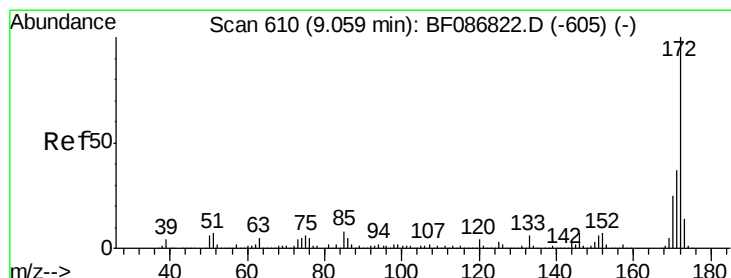
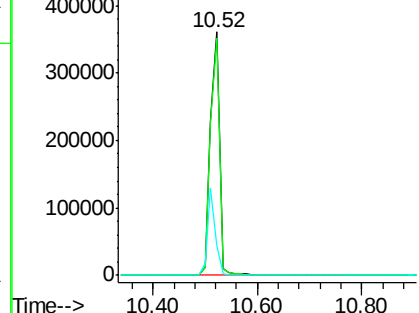
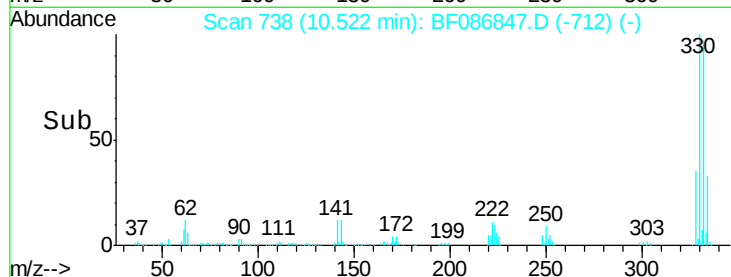
#41
 2,4,6-Tribromophenol
 Concen: 130.64 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086847.D
 Acq: 10 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 TP11-8-9FT

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	31.9	31.2	46.8

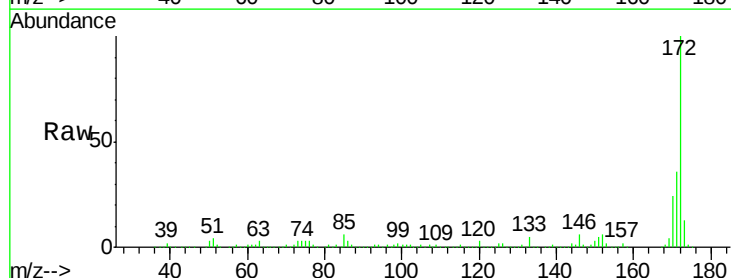


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

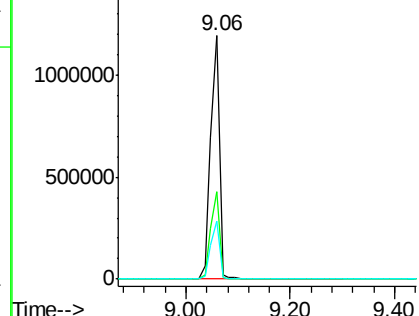
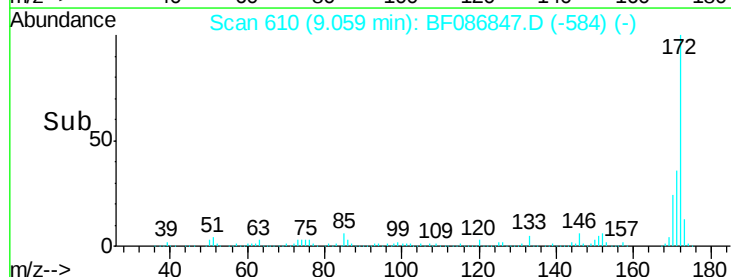


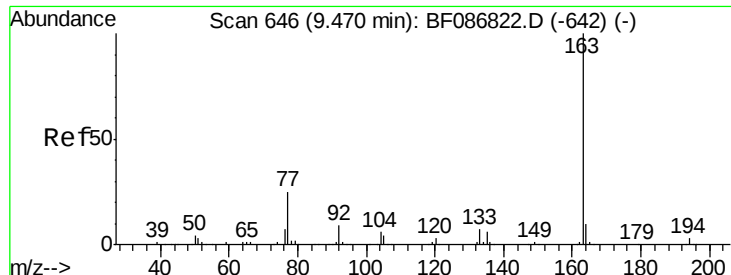
#44
 2-Fluorobiphenyl
 Concen: 74.20 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086847.D
 Acq: 10 May 2016 3:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.9	19.8	29.8



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

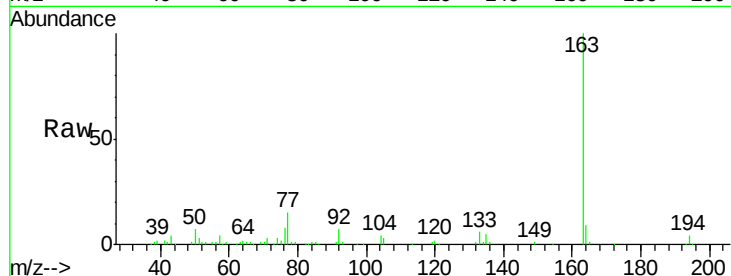




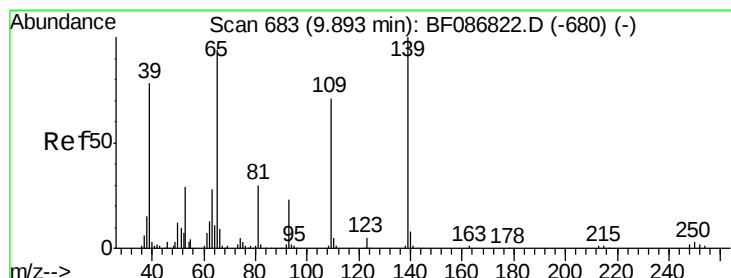
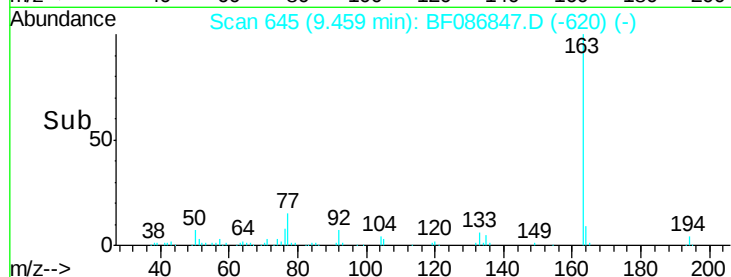
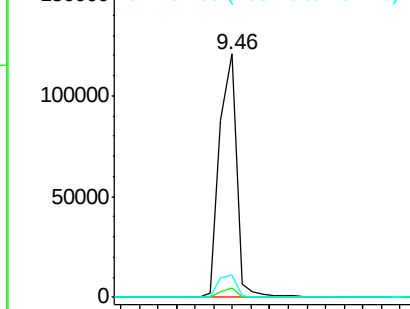
#49
Dimethylphthalate
Concen: 6.48 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tgt Ion:163 Resp: 154730
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.3 8.2 12.4

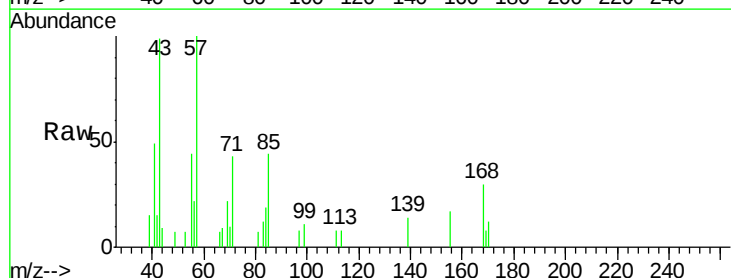


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

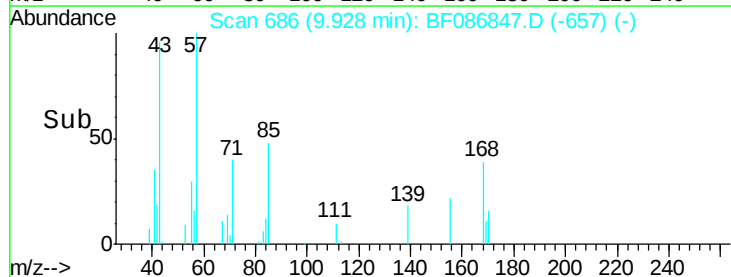
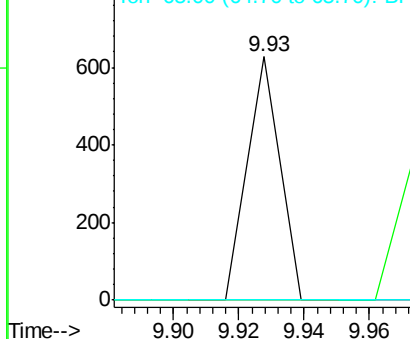


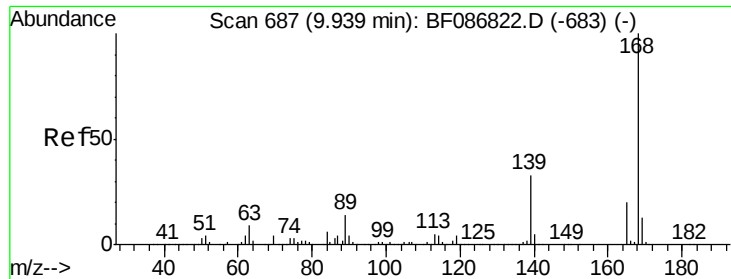
#55
4-Nitrophenol
Concen: 4.68 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.03 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

Tgt Ion:139 Resp: 431
Ion Ratio Lower Upper
139 100
109 0.0 36.9 76.9#
65 0.0 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

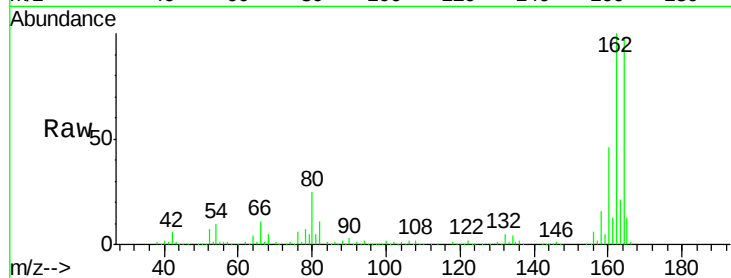




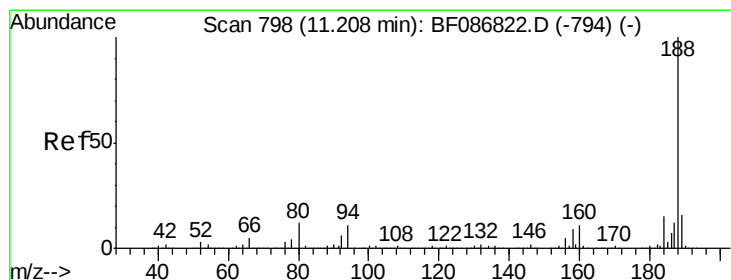
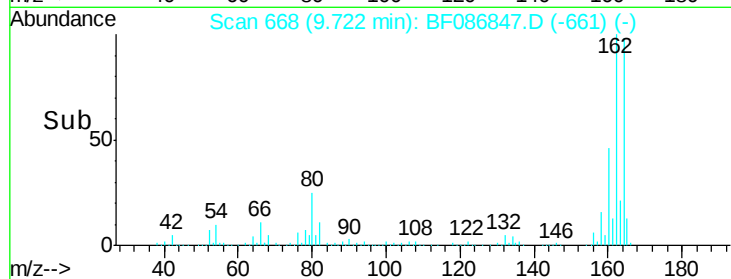
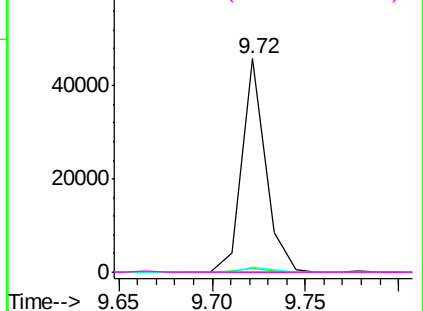
#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.22 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tgt Ion:165 Resp: 40507
Ion Ratio Lower Upper
165 100
63 1.7 44.3 66.5#
89 2.3 70.0 105.0#
182 0.0 1.8 2.6#

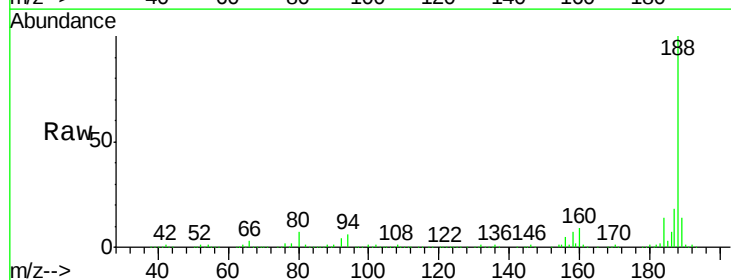


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

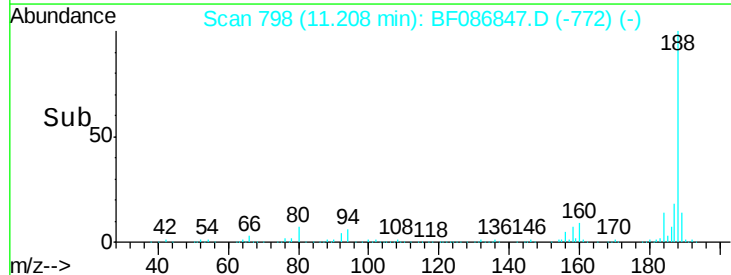
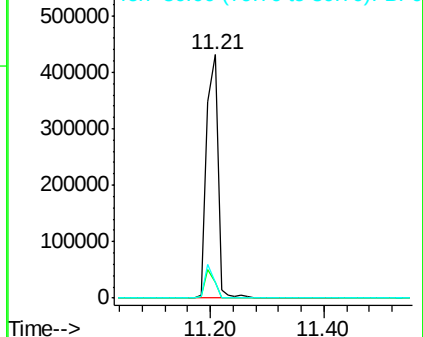


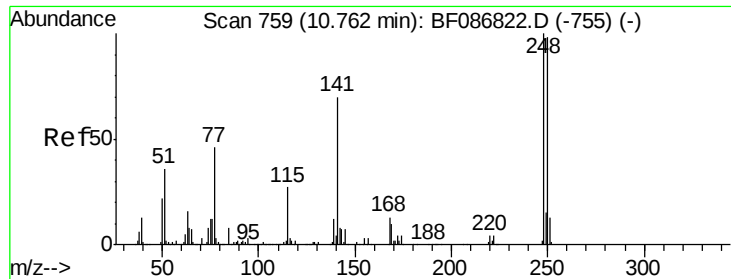
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

Tgt Ion:188 Resp: 565427
Ion Ratio Lower Upper
188 100
94 6.5 6.8 10.2#
80 6.6 7.1 10.7#



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

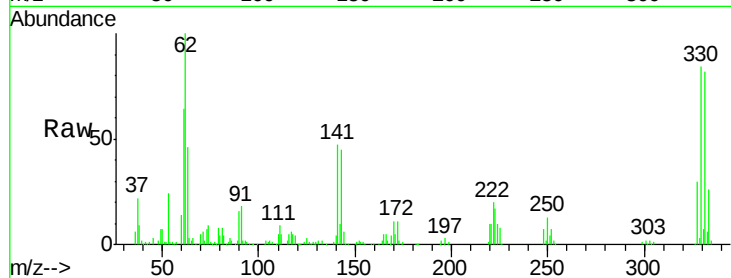




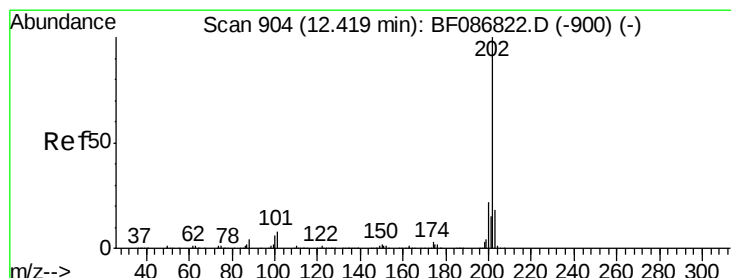
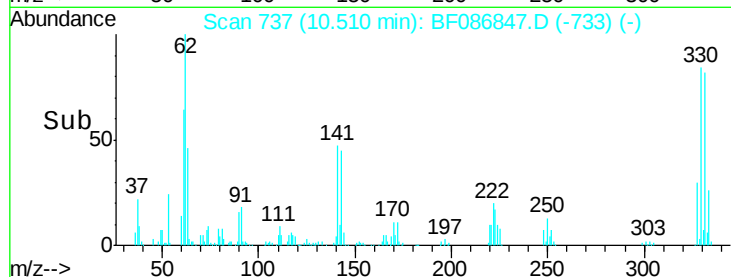
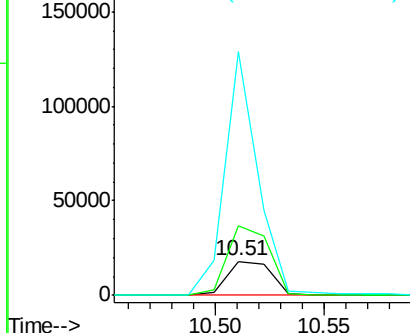
#66
 4-Bromophenyl-phenylether
 Concen: 4.41 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.25 min
 Lab File: BF086847.D
 Acq: 10 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 TP11-8-9FT

Tgt Ion:248 Resp: 25292
 Ion Ratio Lower Upper
 248 100
 250 203.6 78.6 117.8#
 141 717.9 76.0 114.0#

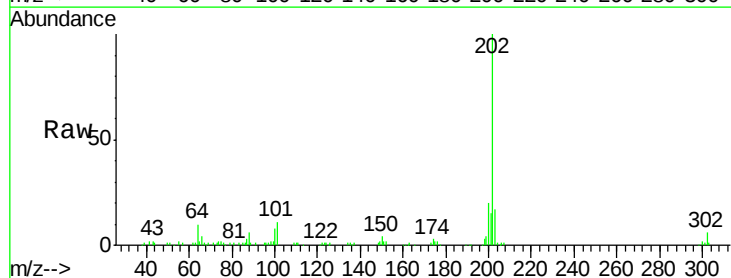


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

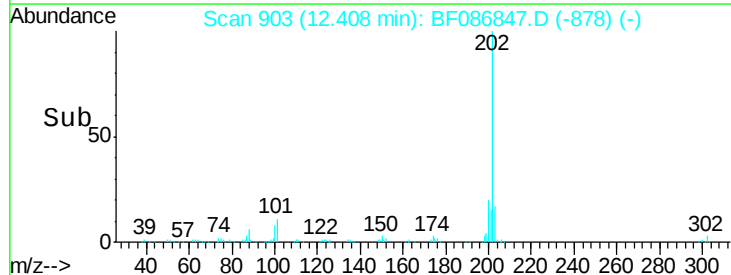
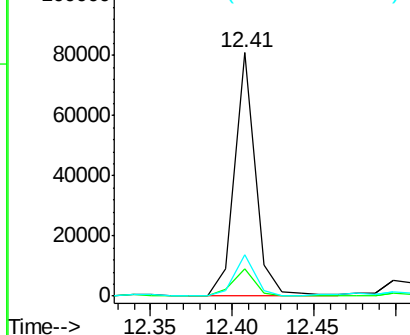


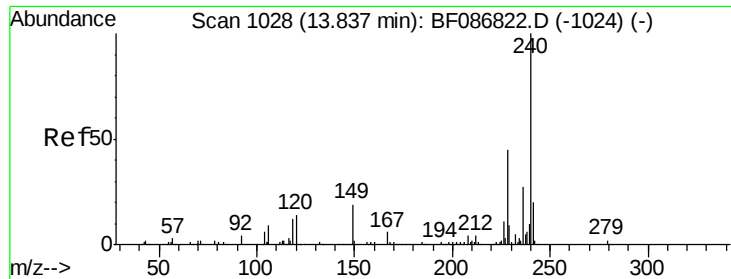
#74
 Fluoranthene
 Concen: 2.30 ng
 RT: 12.41 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF086847.D
 Acq: 10 May 2016 3:48

Tgt Ion:202 Resp: 71330
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 35.4
 203 17.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086847.D

Acq: 10 May 2016 3:48

Instrument :

BNA_F

ClientSampled :

TP11-8-9FT

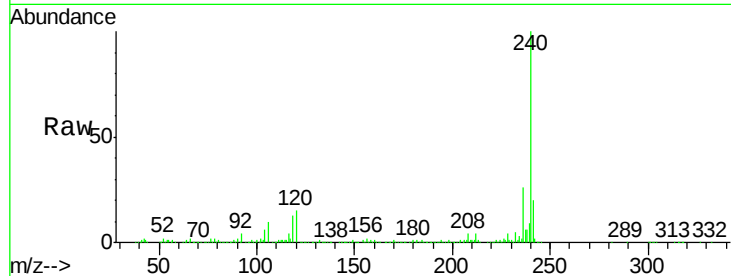
Tgt Ion:240 Resp: 347635

Ion Ratio Lower Upper

240 100

120 15.0 11.2 16.8

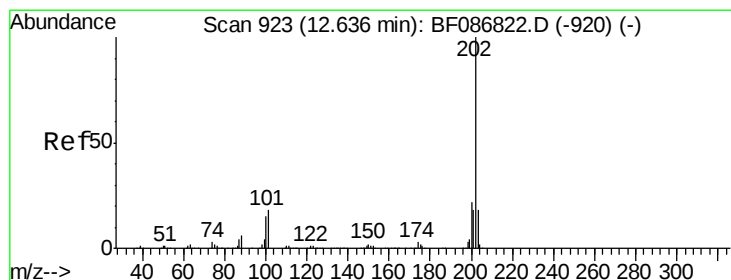
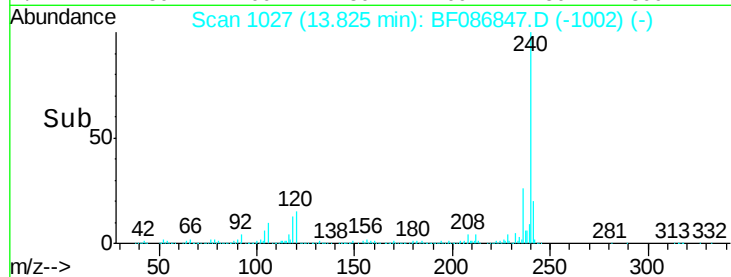
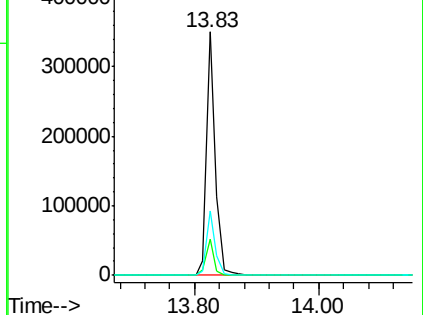
236 26.4 21.2 31.8



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: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF086847.D

Acq: 10 May 2016 3:48

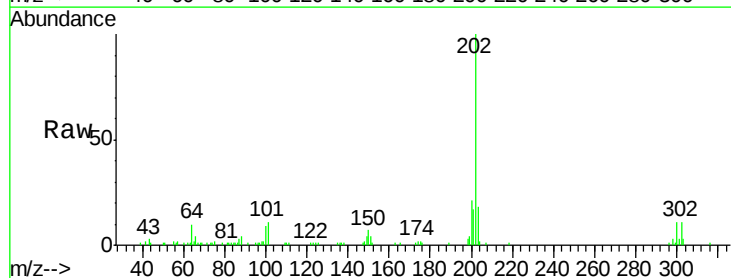
Tgt Ion:202 Resp: 60700

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

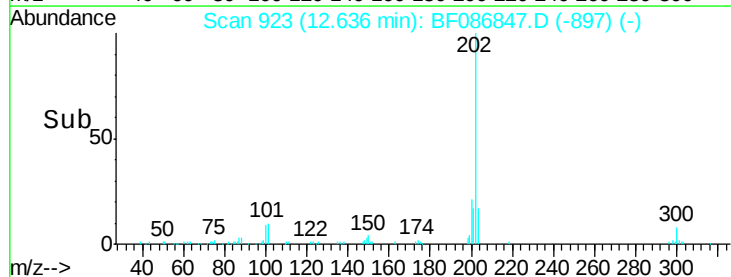
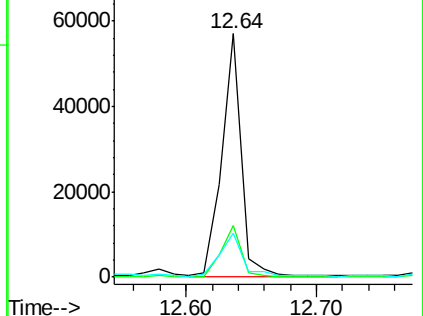
203 18.0 14.2 21.4

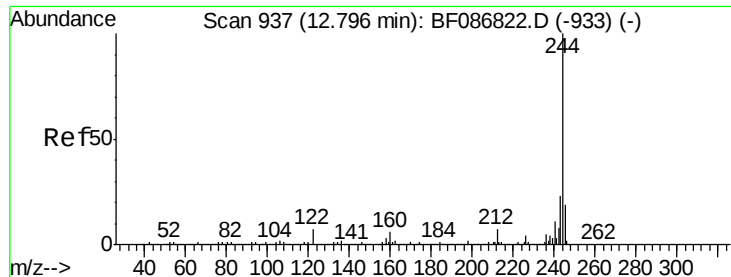


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

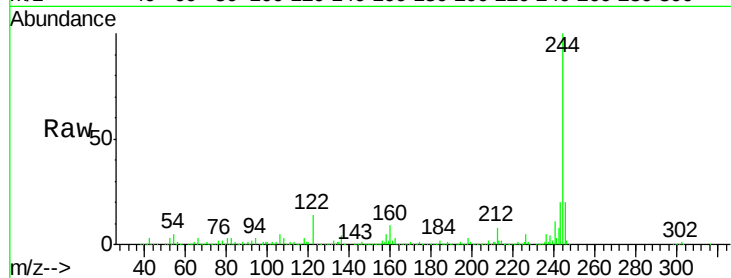




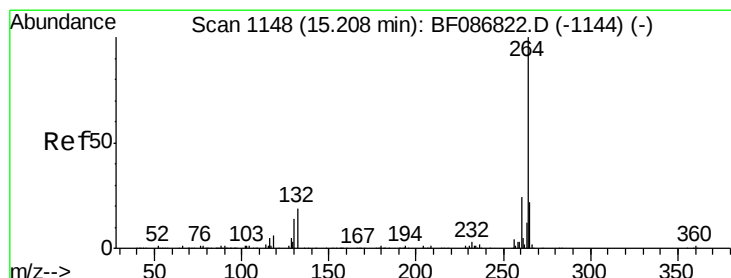
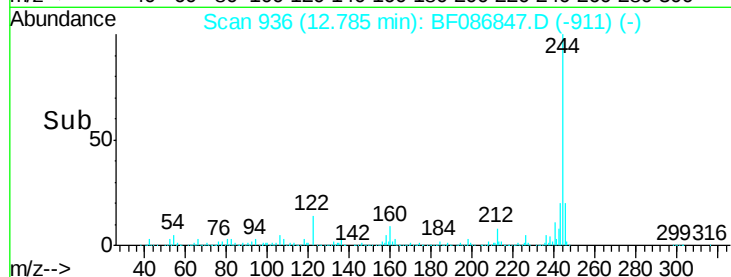
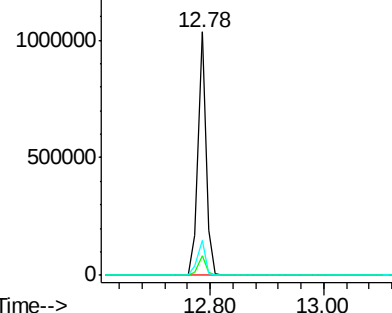
#78
 Terphenyl-d14
 Concen: 59.48 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086847.D
 Acq: 10 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 TP11-8-9FT

Tgt Ion:244 Resp: 974525
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 14.2 12.0 18.0

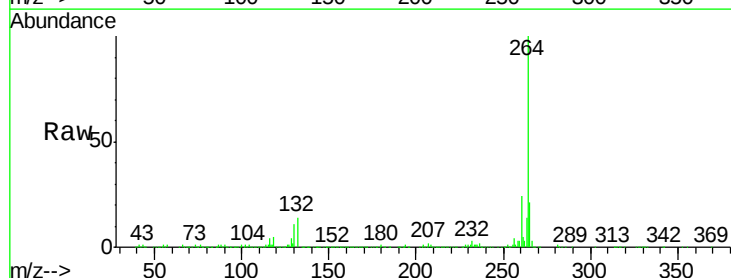


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

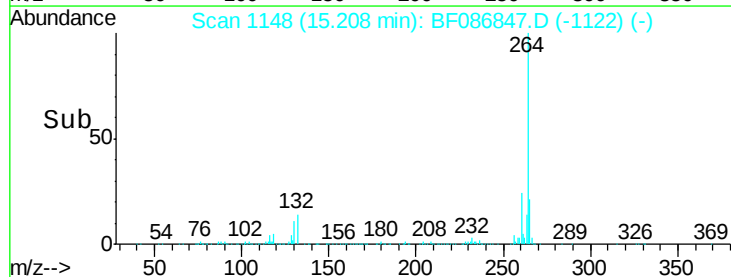
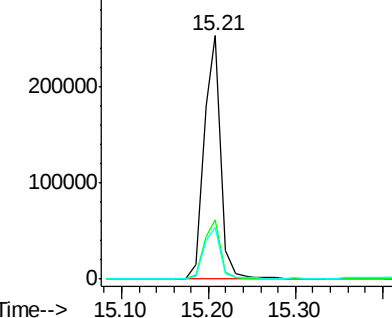


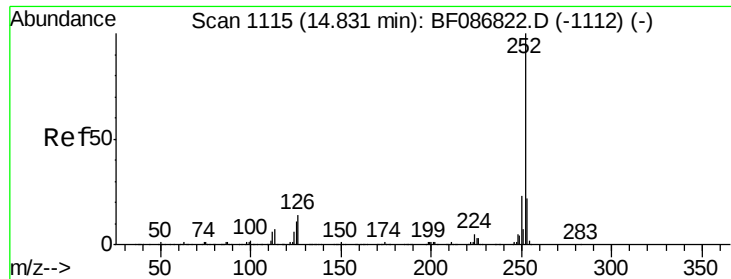
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF086847.D
 Acq: 10 May 2016 3:48

Tgt Ion:264 Resp: 339562
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.4 17.3 25.9



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

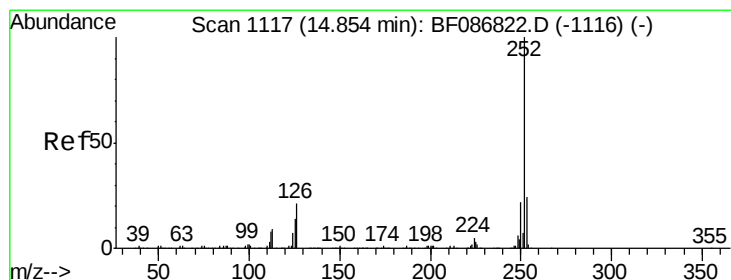
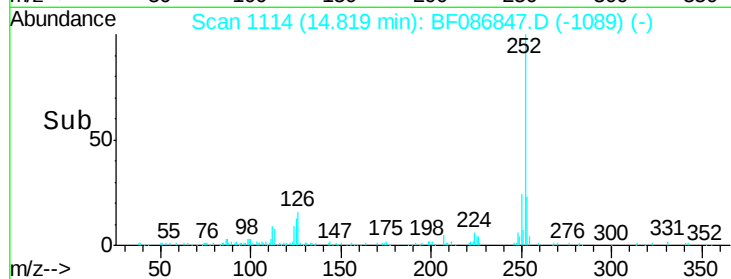
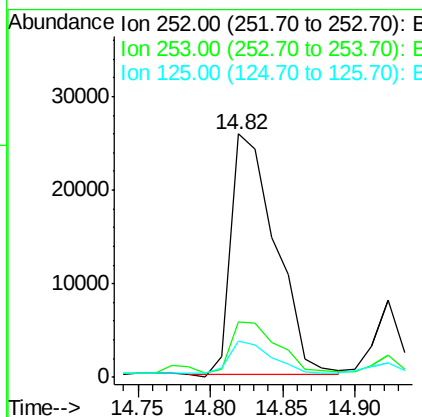
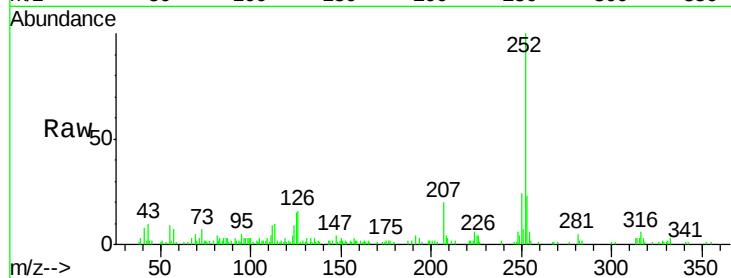




#87
Benzo(b)fluoranthene
Concen: 2.47 ng
RT: 14.82 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tgt Ion:252 Resp: 54399
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 14.8 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 3.01 ng
RT: 14.82 min Scan# 1114
Delta R.T. -0.03 min
Lab File: BF086847.D
Acq: 10 May 2016 3:48

Tgt Ion:252 Resp: 54399
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 14.8 9.1 13.7#

