

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088745.D
 Acq On : 6 Jul 2016 20:31
 Operator : UM/SJ
 Sample : H3880-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-01

Quant Time: Jul 07 01:06:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

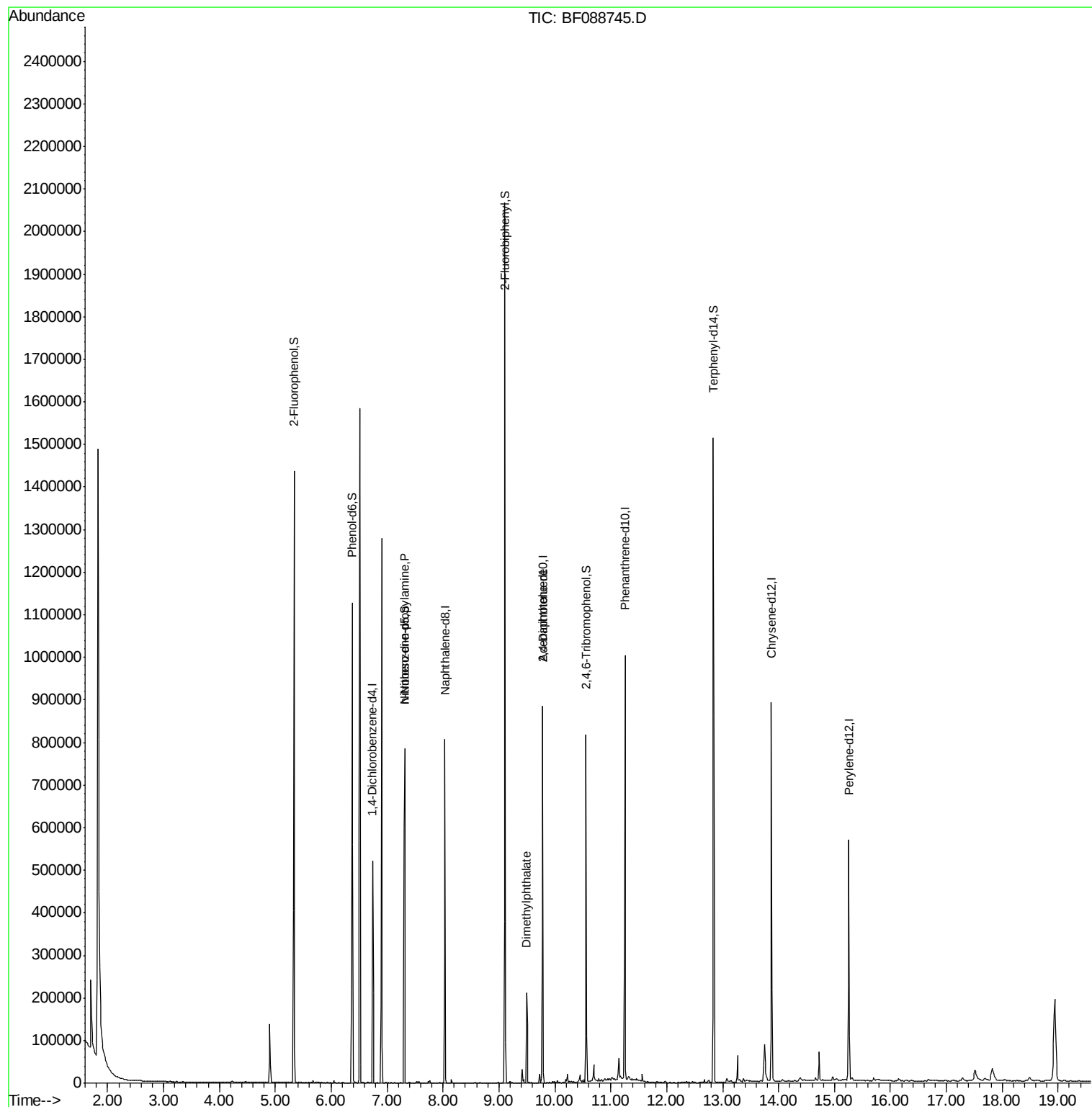
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	82931	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	382718	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	185221	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	358332	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	282965	20.00	ng	-0.05
86) Perylene-d12	15.26	264	230779	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	374750	67.72	ng	-0.03
7) Phenol-d6	6.38	99	496939	69.50	ng	-0.03
23) Nitrobenzene-d5	7.31	82	353882	48.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	78870	45.86	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	572912	48.86	ng	-0.03
78) Terphenyl-d14	12.83	244	562290	44.26	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	46579	9.70	ng	# 68
49) Dimethylphthalate	9.50	163	110927	8.41	ng	100
56) 2,4-Dinitrotoluene	9.78	165	23314	6.10	ng	# 38

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF088745.D

Acq: 6 Jul 2016 20:31

Instrument :

BNA_F

ClientSampleId :

C2.1-01

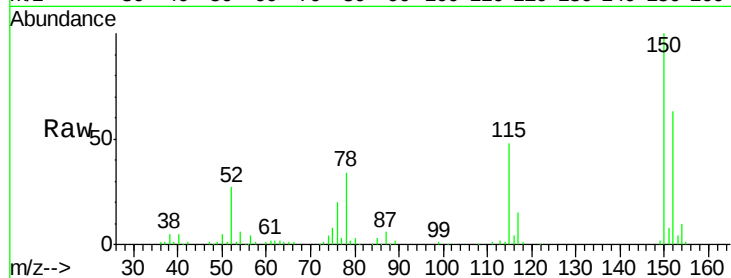
Tgt Ion:152 Resp: 82931

Ion Ratio Lower Upper

152 100

150 159.1 123.8 185.6

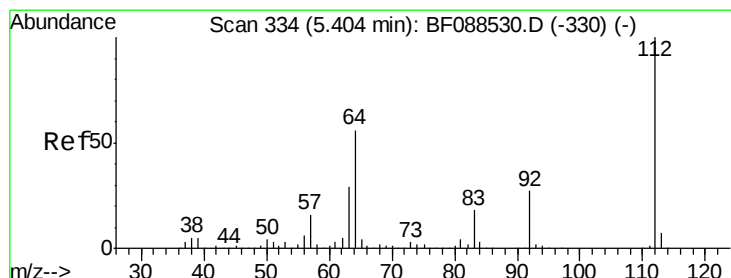
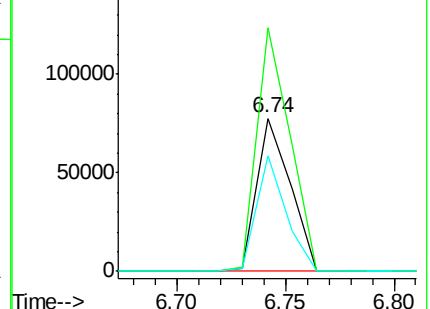
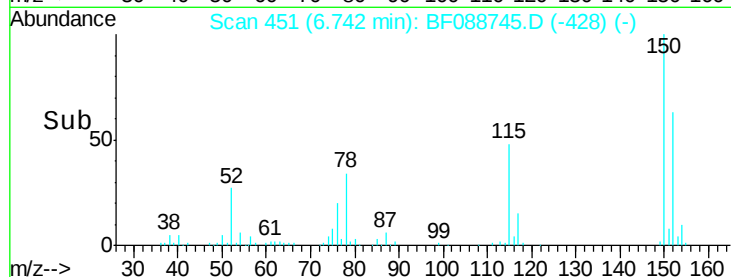
115 75.8 39.6 59.4#



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: 67.72 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088745.D

Acq: 6 Jul 2016 20:31

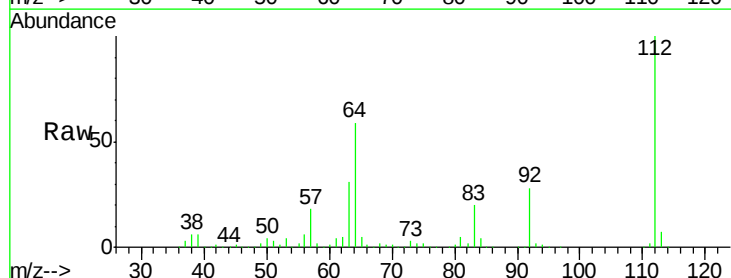
Tgt Ion:112 Resp: 374750

Ion Ratio Lower Upper

112 100

64 59.4 42.2 63.2

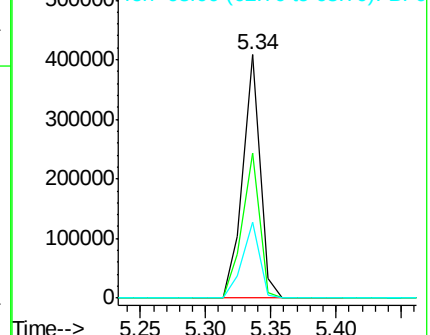
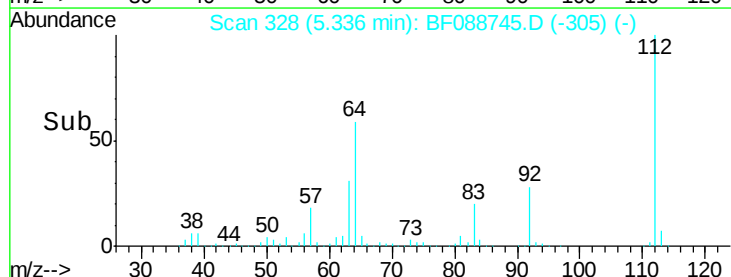
63 31.1 21.8 32.8



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: 69.50 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF088745.D

Acq: 6 Jul 2016 20:31

Instrument :

BNA_F

ClientSampled :

C2.1-01

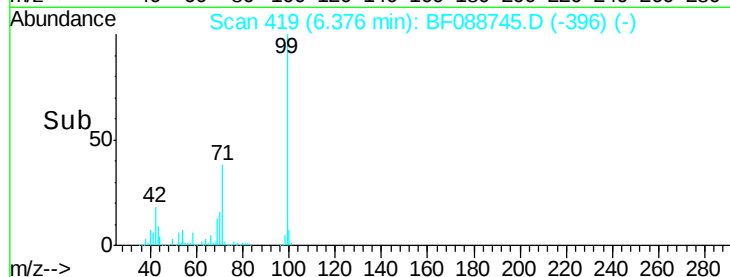
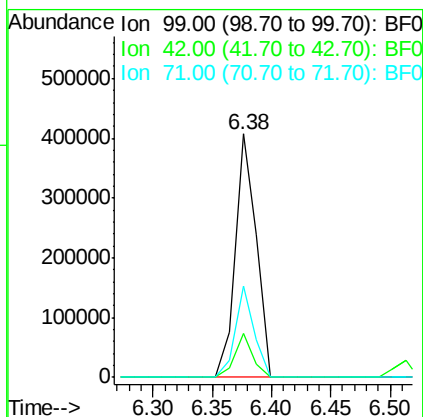
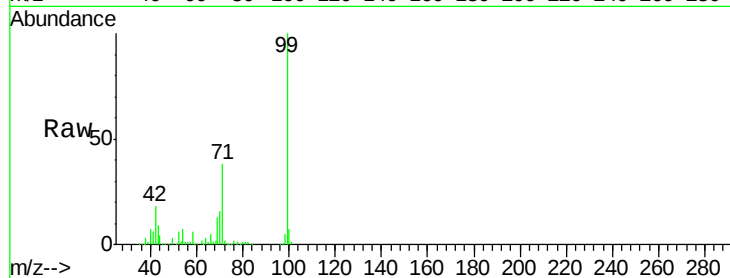
Tgt Ion: 99 Resp: 496939

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

71 37.5 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 9.70 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.11 min

Lab File: BF088745.D

Acq: 6 Jul 2016 20:31

Tgt Ion: 70 Resp: 46579

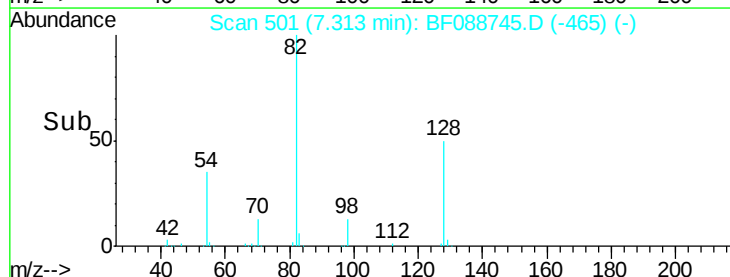
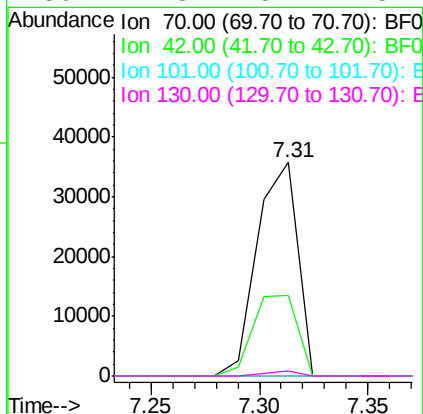
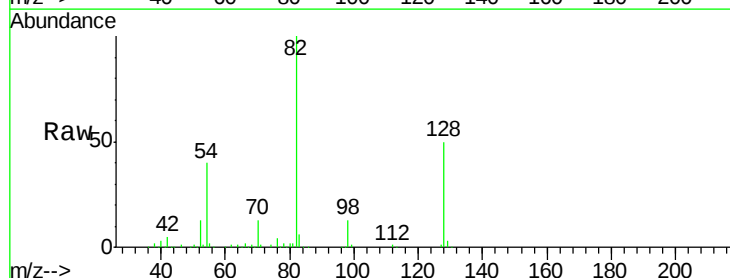
Ion Ratio Lower Upper

70 100

42 37.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF088745.D

Acq: 6 Jul 2016 20:31

Instrument :

BNA_F

ClientSampleId :

C2.1-01

Tgt Ion:136 Resp: 382718

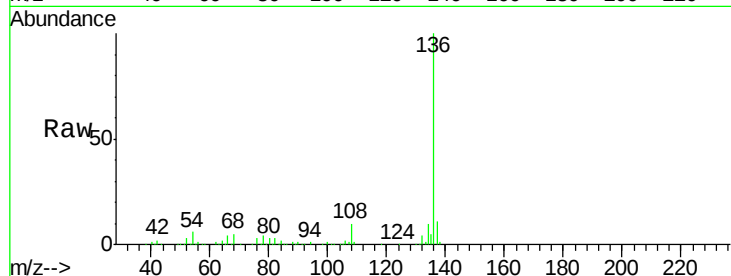
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.0 6.6 10.0#

68 5.2 5.1 7.7

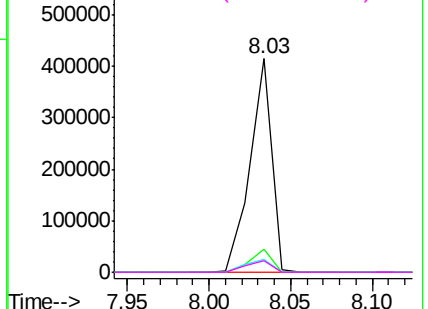
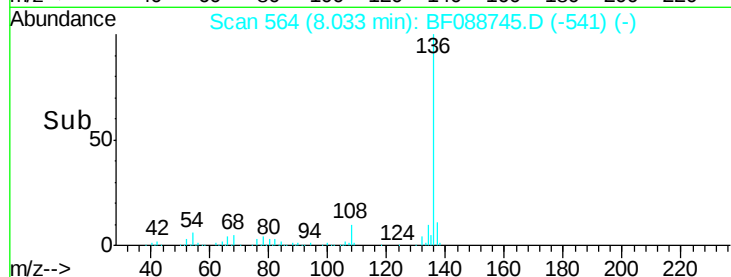


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 48.46 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF088745.D

Acq: 6 Jul 2016 20:31

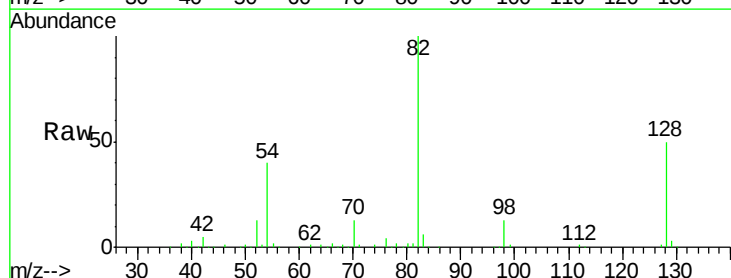
Tgt Ion: 82 Resp: 353882

Ion Ratio Lower Upper

82 100

128 50.2 35.9 53.9

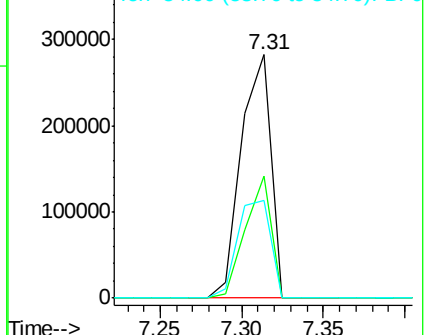
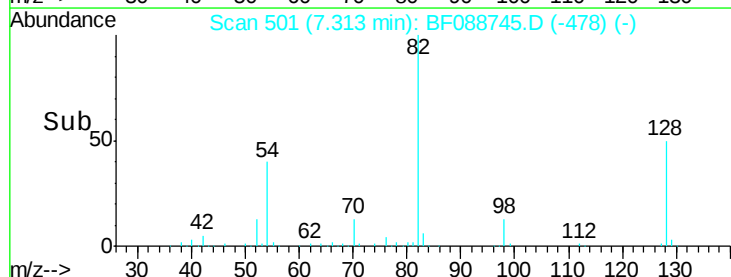
54 40.2 40.9 61.3#

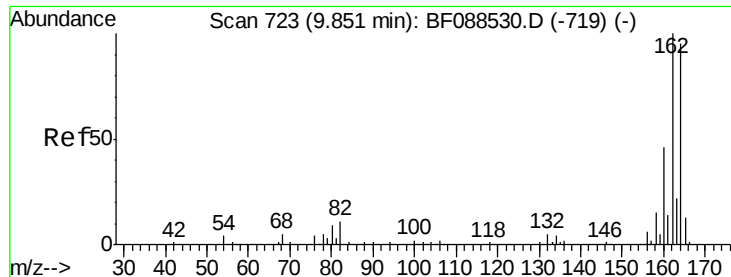


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

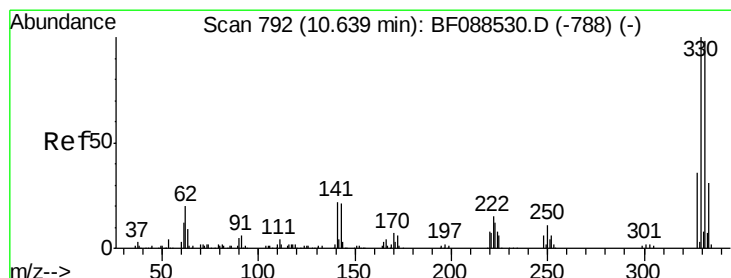
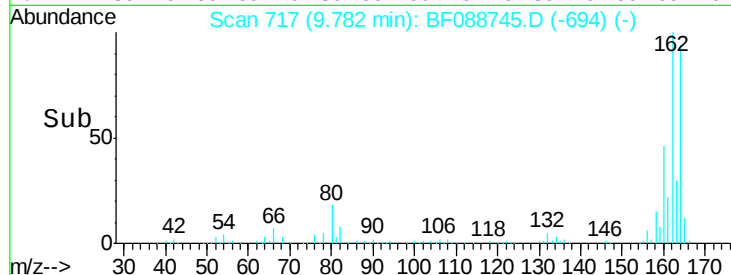
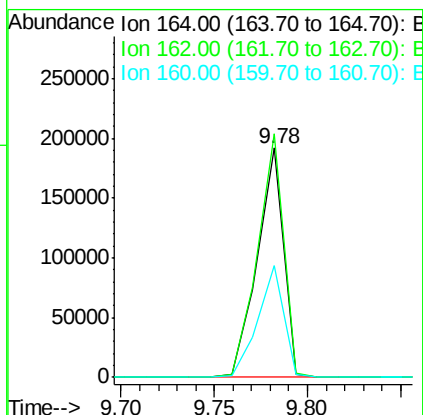
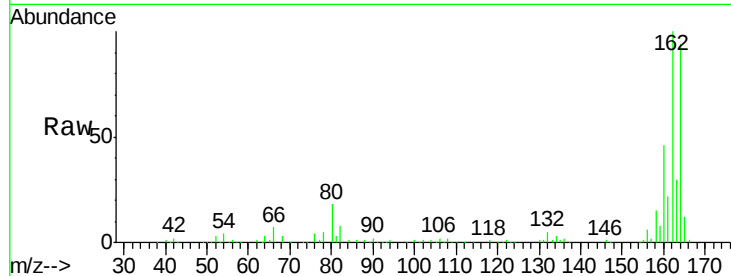




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.03 min
 Lab File: BF088745.D
 Acq: 6 Jul 2016 20:31

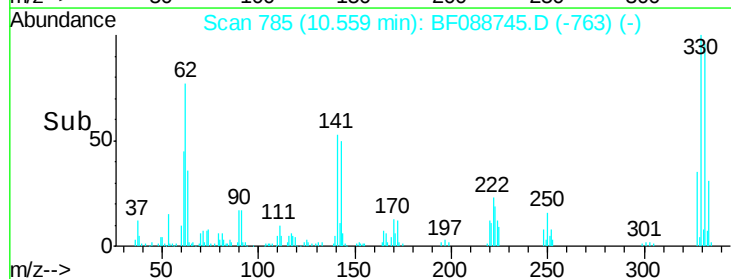
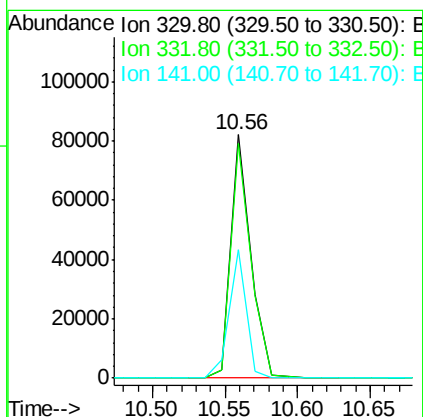
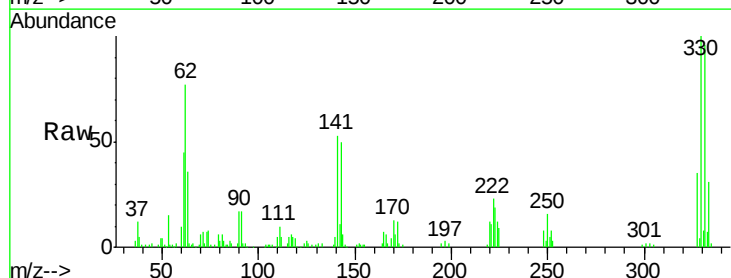
Instrument :
 BNA_F
 ClientSampleId :
 C2.1-01

Tgt Ion:164 Resp: 185221
 Ion Ratio Lower Upper
 164 100
 162 106.2 85.4 128.2
 160 48.5 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 45.86 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF088745.D
 Acq: 6 Jul 2016 20:31

Tgt Ion:330 Resp: 78870
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 45.1 0.0 0.0#

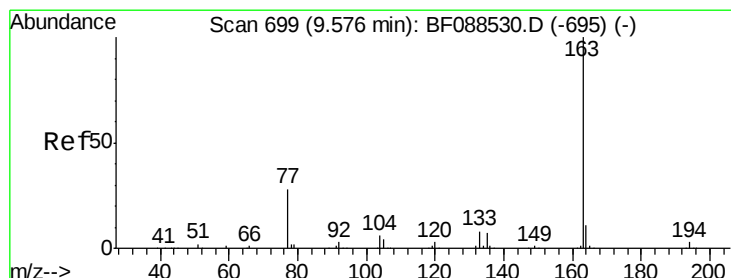
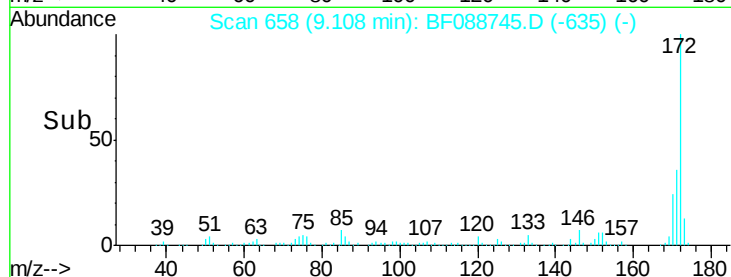
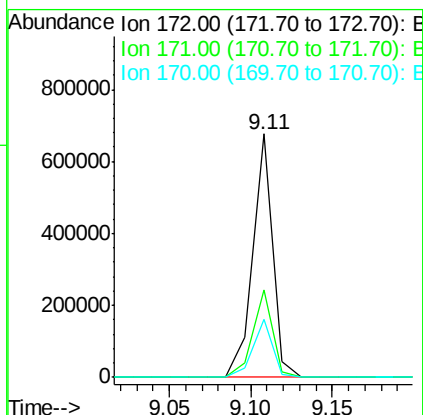
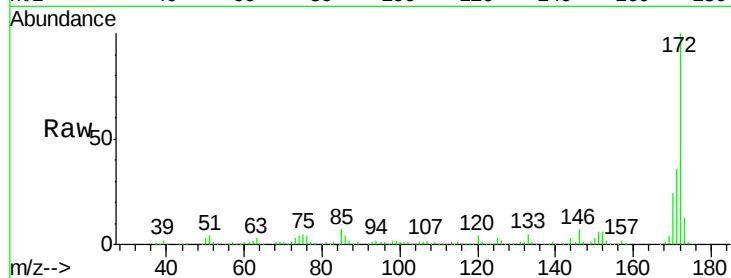




#44
2-Fluorobiphenyl
Concen: 48.86 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF088745.D
Acq: 6 Jul 2016 20:31

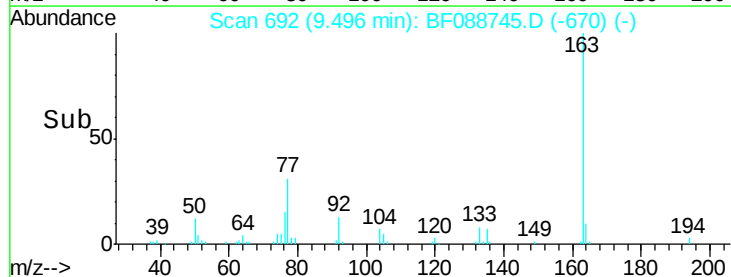
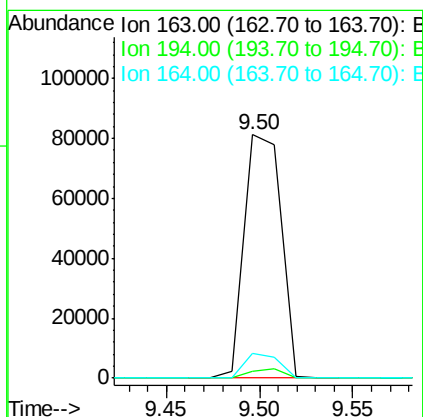
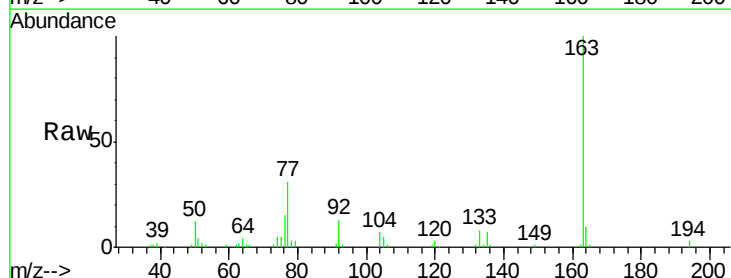
Instrument :
BNA_F
ClientSampleId :
C2.1-01

Tgt Ion:172 Resp: 572912
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.9 19.2 28.8



#49
Dimethylphthalate
Concen: 8.41 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF088745.D
Acq: 6 Jul 2016 20:31

Tgt Ion:163 Resp: 110927
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.4 8.3 12.5

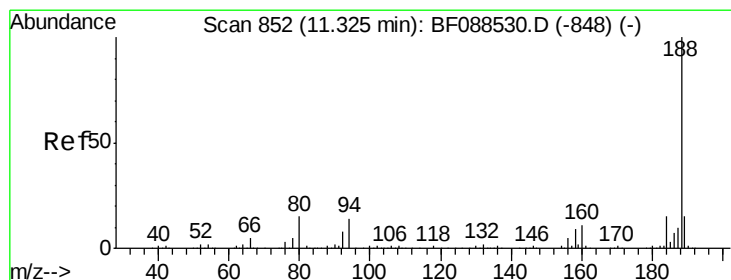
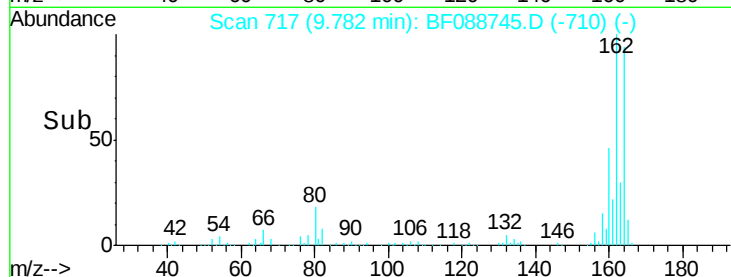
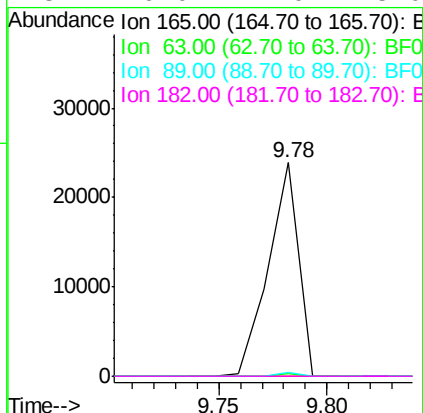
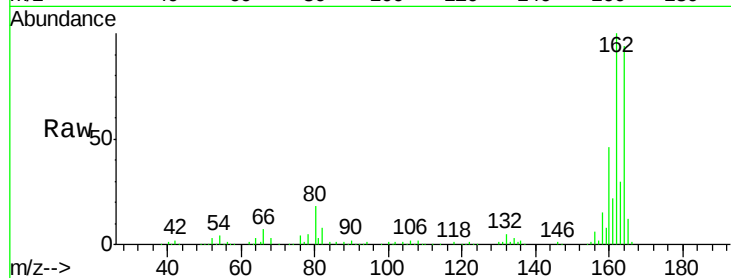




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.22 min
 Lab File: BF088745.D
 Acq: 6 Jul 2016 20:31

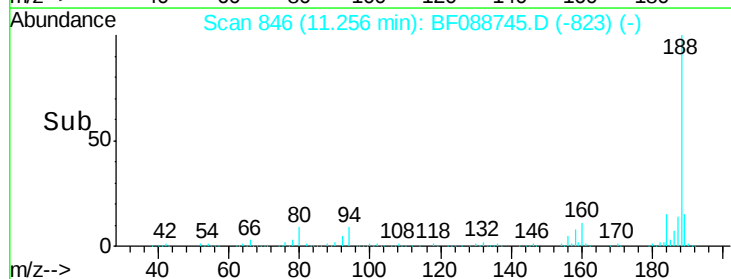
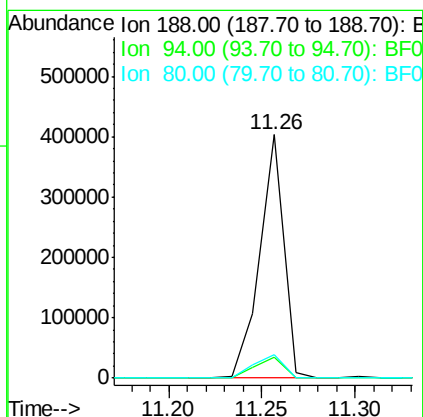
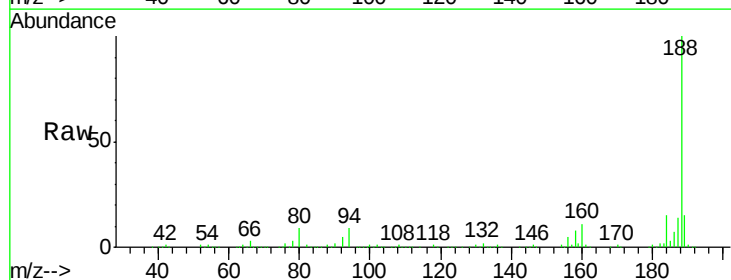
Instrument :
 BNA_F
 ClientSampleId :
 C2.1-01

Tgt Ion:	165	Resp:	23314
Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.9	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF088745.D
 Acq: 6 Jul 2016 20:31

Tgt Ion:	188	Resp:	358332
Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.6#
80	9.4	10.0	15.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.05 min

Lab File: BF088745.D

Acq: 6 Jul 2016 20:31

Instrument :

BNA_F

ClientSampleId :

C2.1-01

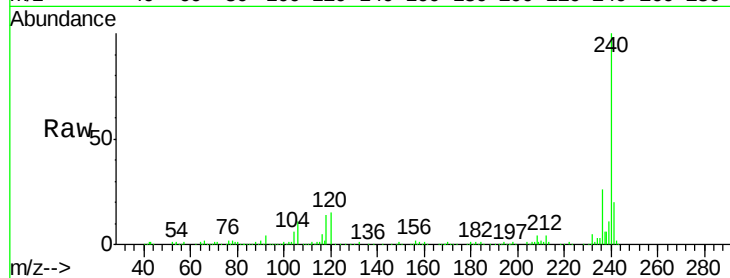
Tgt Ion:240 Resp: 282965

Ion Ratio Lower Upper

240 100

120 14.8 6.8 10.2#

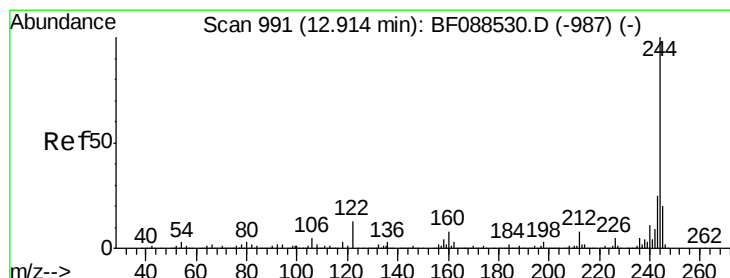
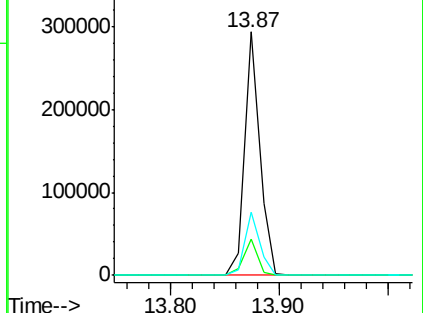
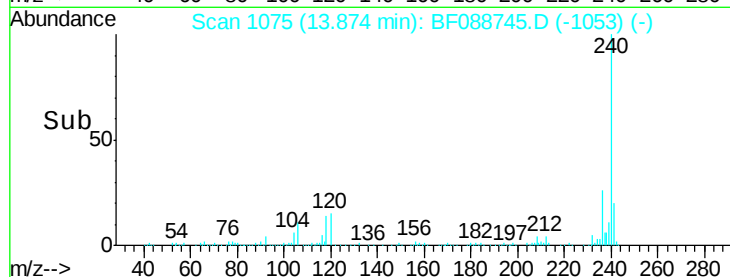
236 26.0 20.2 30.2



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: 44.26 ng

RT: 12.83 min Scan# 984

Delta R.T. -0.03 min

Lab File: BF088745.D

Acq: 6 Jul 2016 20:31

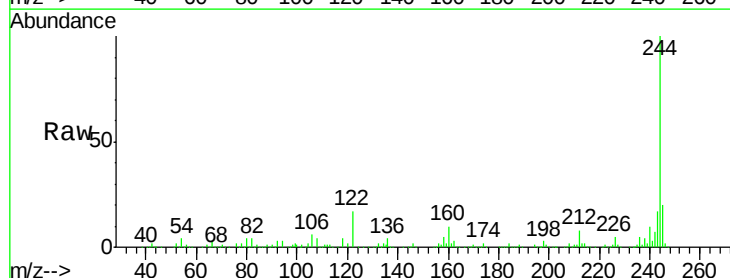
Tgt Ion:244 Resp: 562290

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

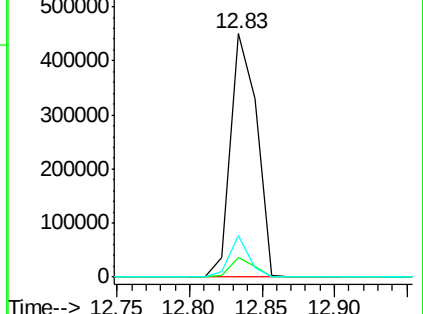
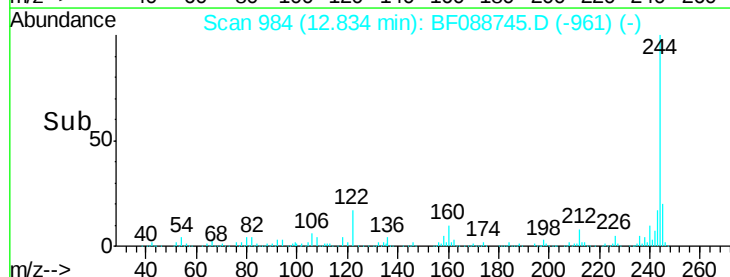
122 17.1 11.2 16.8#

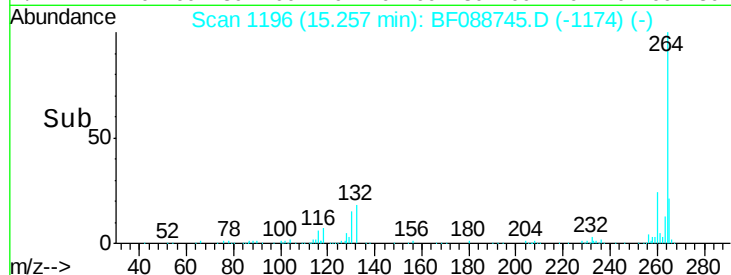
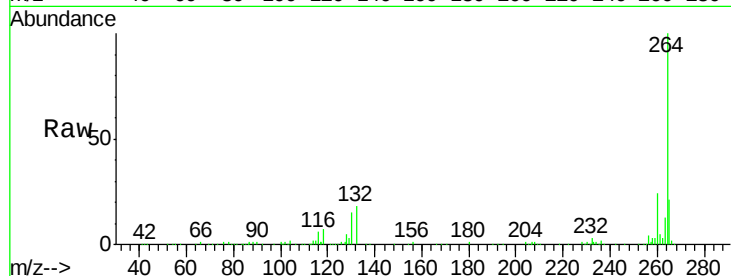
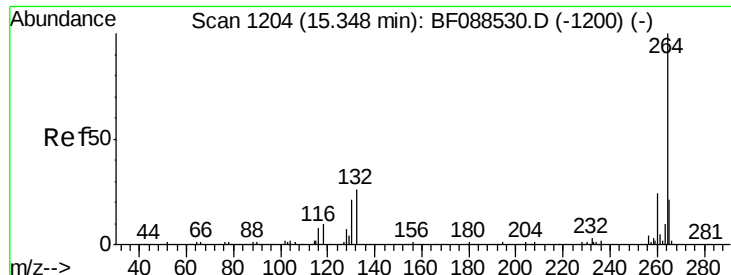


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088745.D
Acq: 6 Jul 2016 20:31

Instrument :
BNA_F
ClientSampleId :
C2.1-01

Tgt Ion:	264	Resp:	230779
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	16.9	25.3

