

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
 Data File : BF088815.D
 Acq On : 8 Jul 2016 9:19
 Operator : UM/SJ
 Sample : H3897-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 12:04:50 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

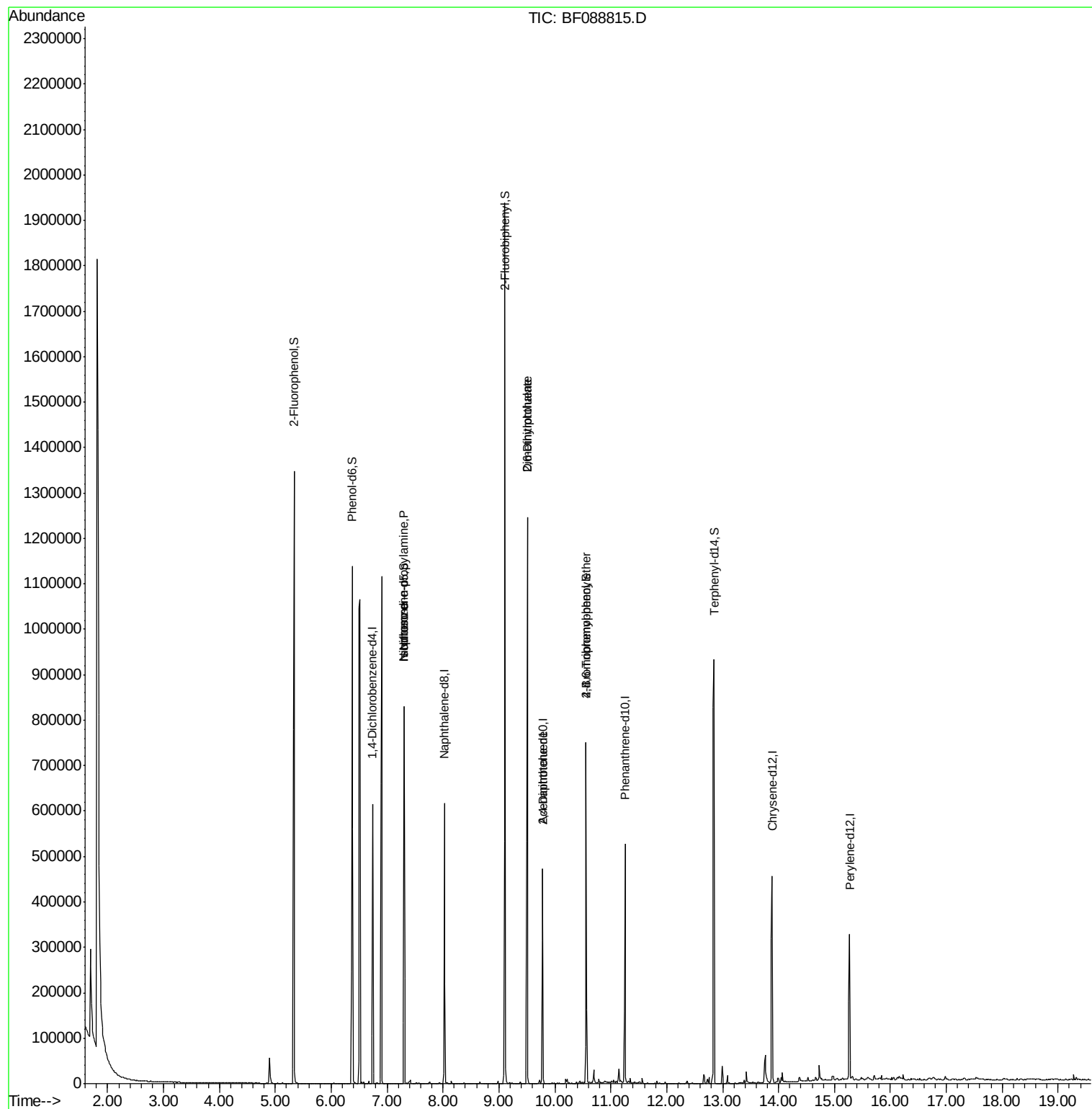
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	85179	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	294768	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	115764	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	191635	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	186067	20.00	ng	-0.03
86) Perylene-d12	15.27	264	138113	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	437742	77.02	ng	-0.03
7) Phenol-d6	6.38	99	511981	69.72	ng	-0.03
23) Nitrobenzene-d5	7.30	82	293882	52.25	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	80054	74.47	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	582249	79.45	ng	-0.03
78) Terphenyl-d14	12.85	244	412236	49.35	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	38444	7.79	ng	# 74
25) Isophorone	7.30	82	260605	25.01	ng	# 65
49) Dimethylphthalate	9.51	163	572816	69.45	ng	99
50) 2,6-Dinitrotoluene	9.51	165	6185	3.38	ng	# 7
56) 2,4-Dinitrotoluene	9.78	165	14649	6.13	ng	# 36
66) 4-Bromophenyl-phenylether	10.56	248	5166	2.68	ng	# 1

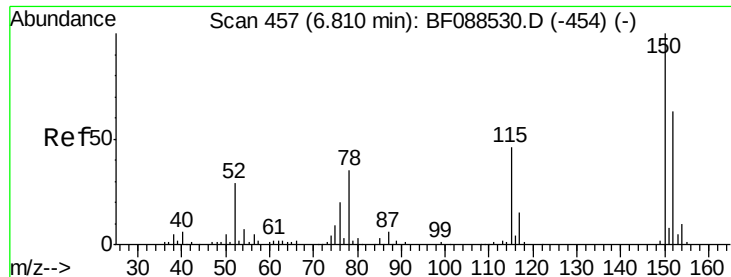
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088815.D

Acq: 8 Jul 2016 9:19

Instrument :

BNA_F

ClientSampleId :

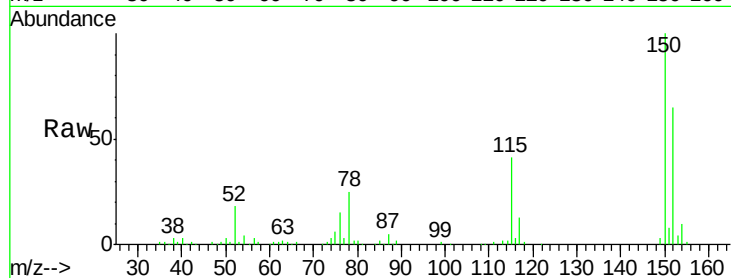
Tot Ion:152 Resp: 85179

Ion Ratio Lower Upper

152 100

150 155.0 123.8 185.6

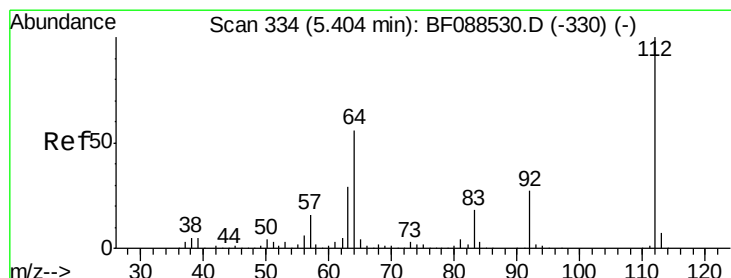
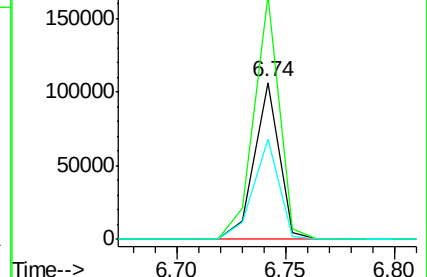
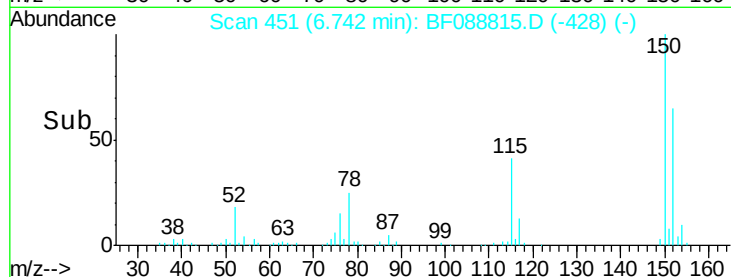
115 64.2 39.6 59.4#



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: 77.02 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088815.D

Acq: 8 Jul 2016 9:19

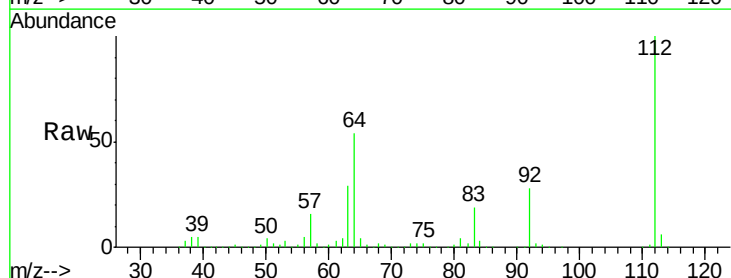
Tgt Ion:112 Resp: 437742

Ion Ratio Lower Upper

112 100

64 53.8 42.2 63.2

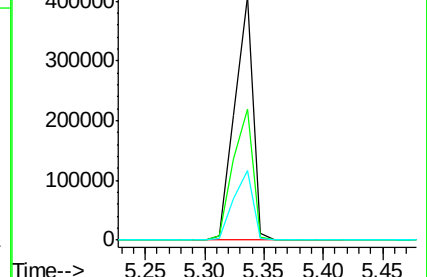
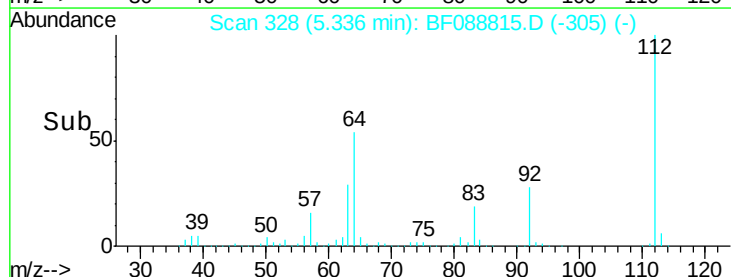
63 28.6 21.8 32.8

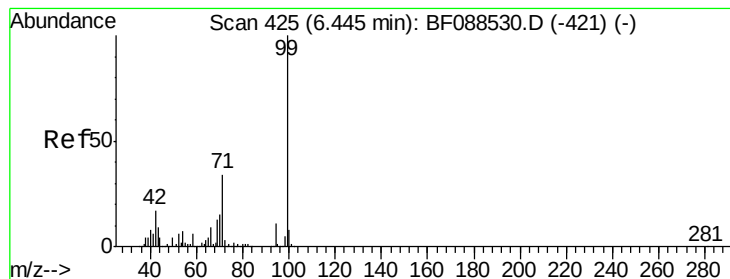


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 69.72 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF088815.D

Acq: 8 Jul 2016 9:19

Instrument :

BNA_F

ClientSampleId :

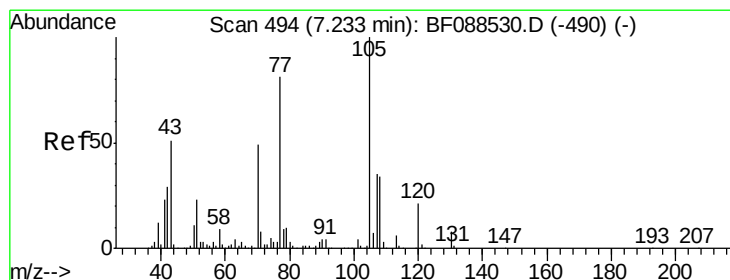
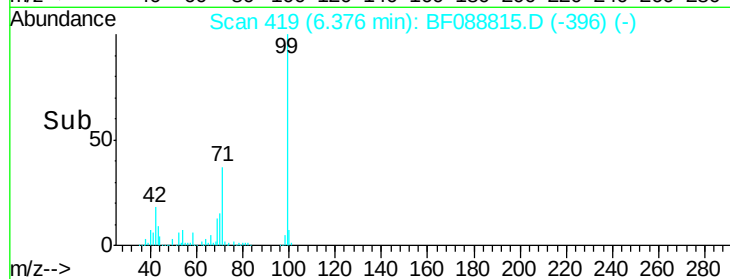
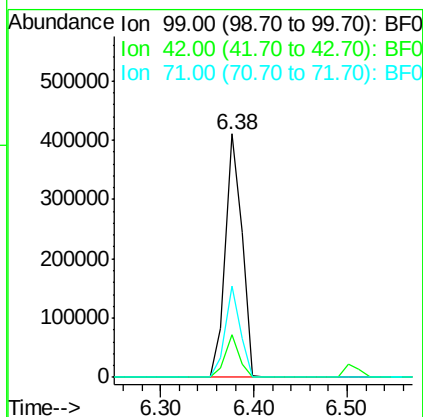
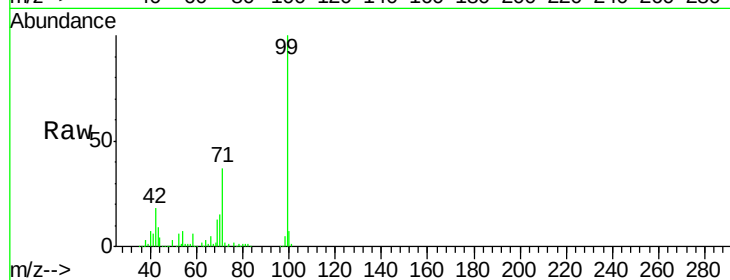
Tot Ion: 99 Resp: 511981

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

71 37.3 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 7.79 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.10 min

Lab File: BF088815.D

Acq: 8 Jul 2016 9:19

Tgt Ion: 70 Resp: 38444

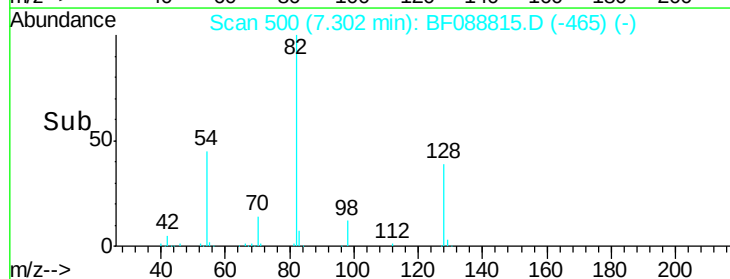
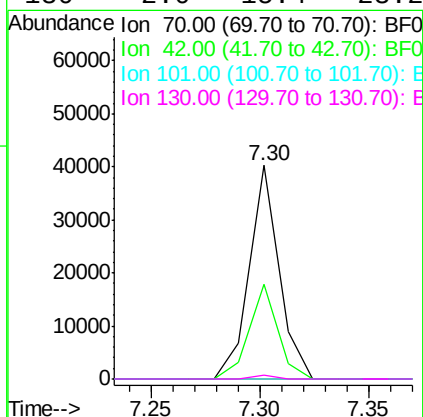
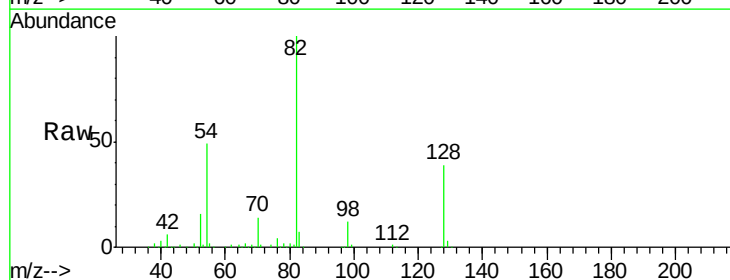
Ion Ratio Lower Upper

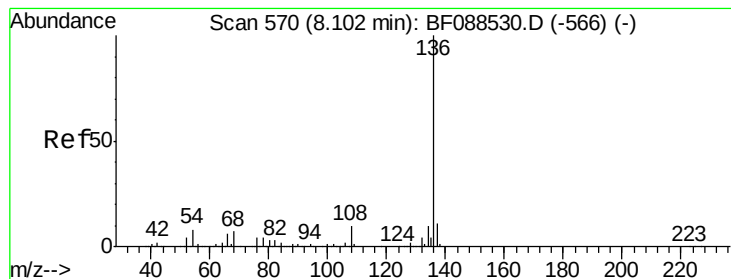
70 100

42 44.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088815.D

Acq: 8 Jul 2016 9:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 294768

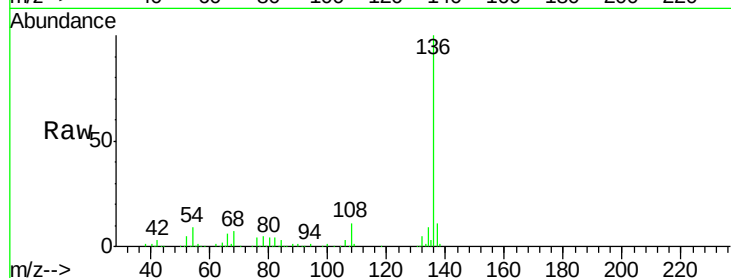
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.9 6.6 10.0

68 7.1 5.1 7.7

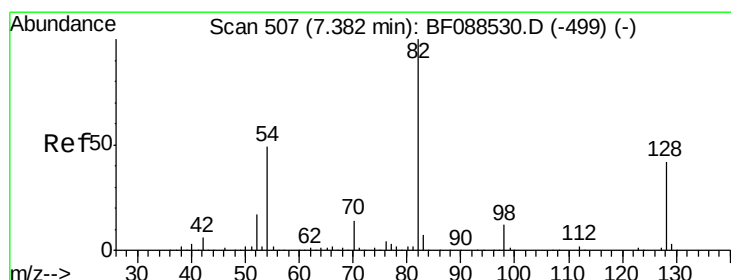
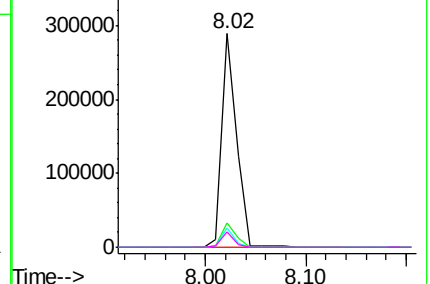
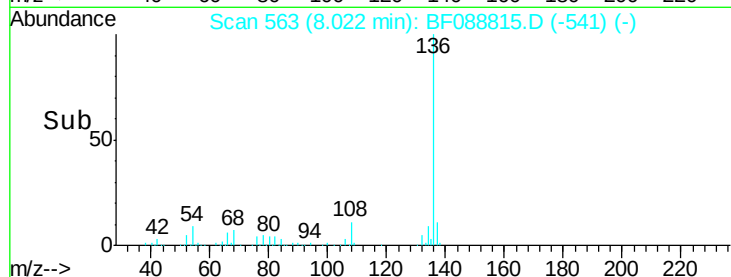


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.25 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF088815.D

Acq: 8 Jul 2016 9:19

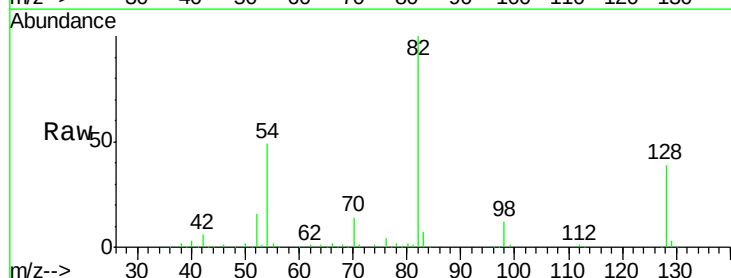
Tgt Ion: 82 Resp: 293882

Ion Ratio Lower Upper

82 100

128 39.1 35.9 53.9

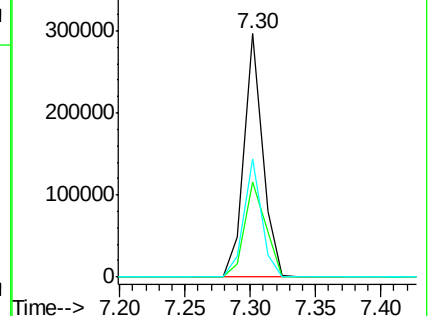
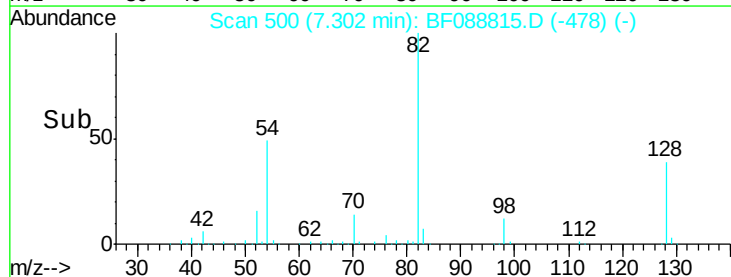
54 48.8 40.9 61.3

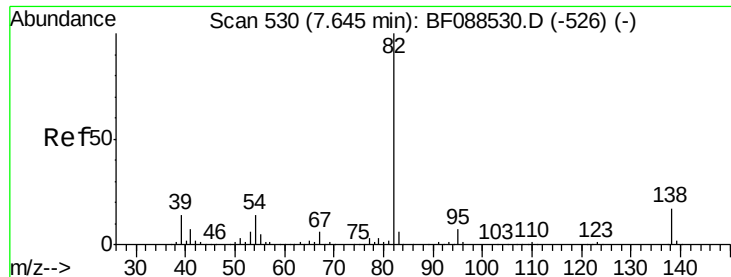


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

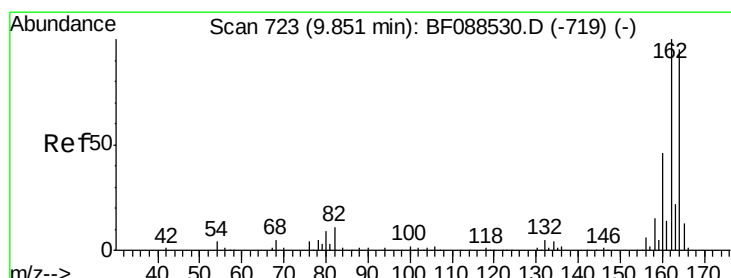
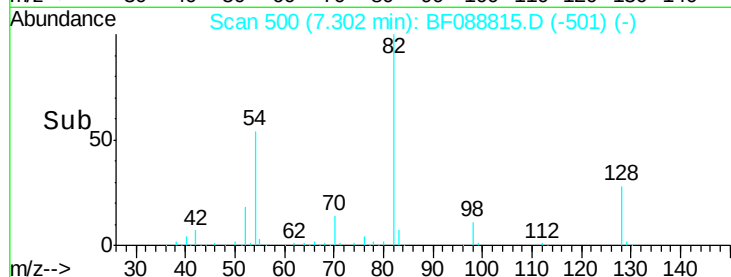
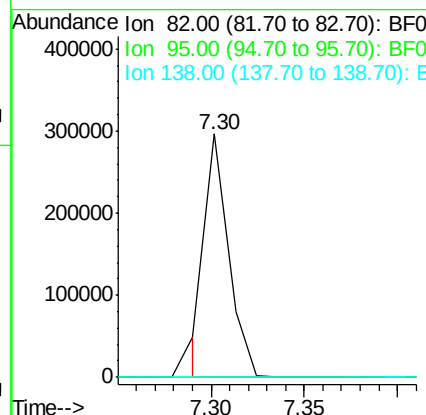
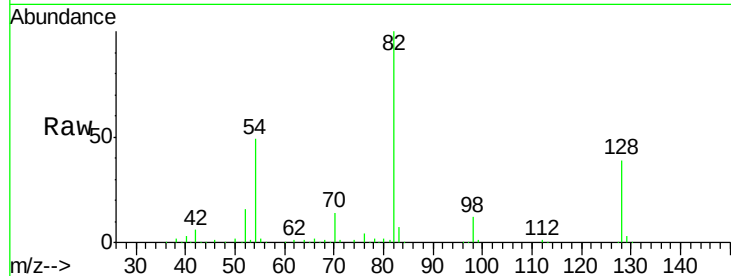




#25
Isophorone
Concen: 25.01 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.31 min
Lab File: BF088815.D
Acq: 8 Jul 2016 9:19

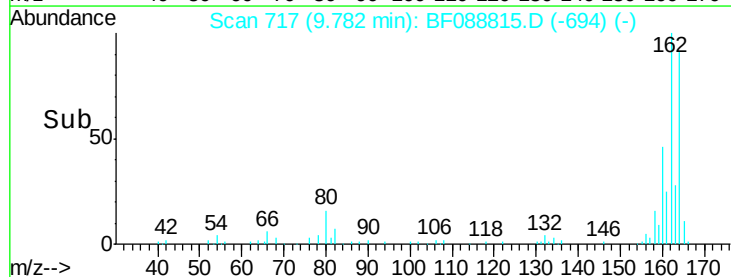
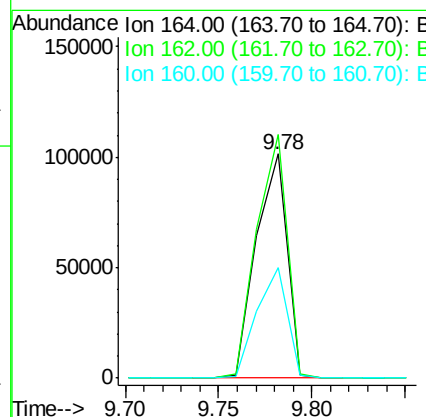
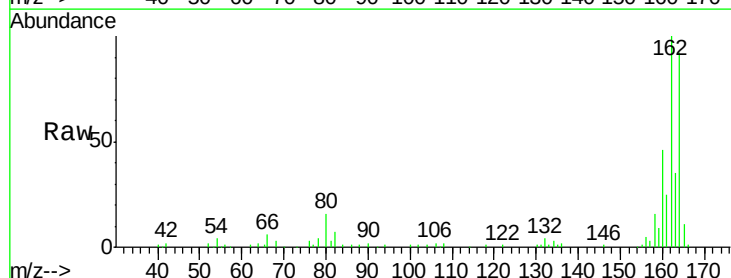
Instrument :
BNA_F
ClientSampleId :

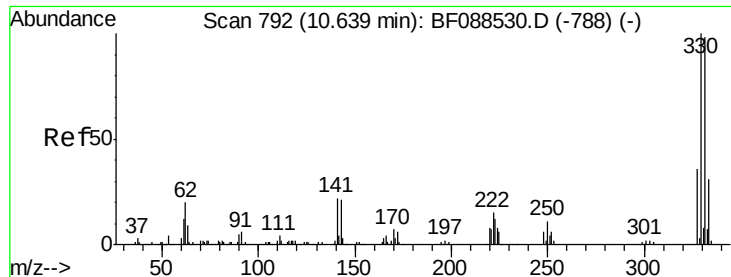
Tot Ion: 82 Resp: 260605
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.6 21.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088815.D
Acq: 8 Jul 2016 9:19

Tgt Ion: 164 Resp: 115764
Ion Ratio Lower Upper
164 100
162 108.8 85.4 128.2
160 49.7 39.5 59.3

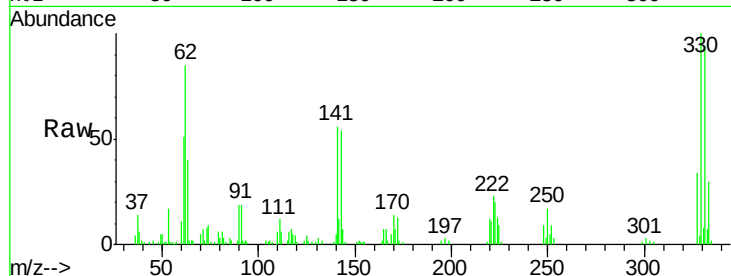




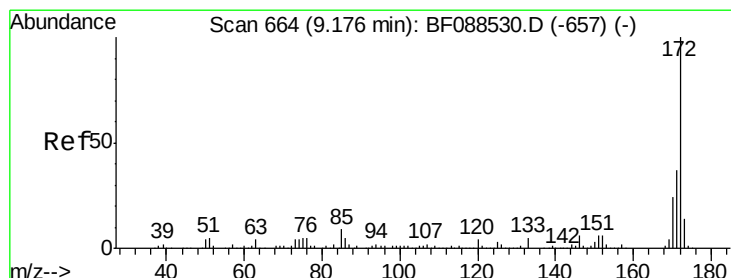
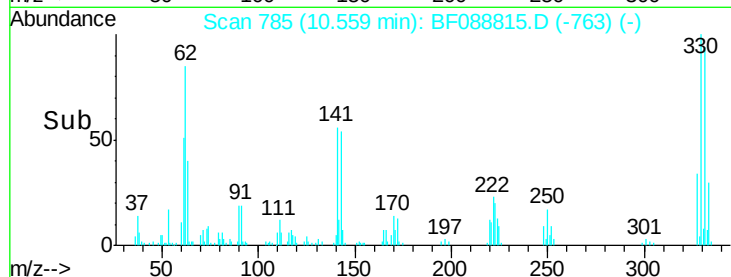
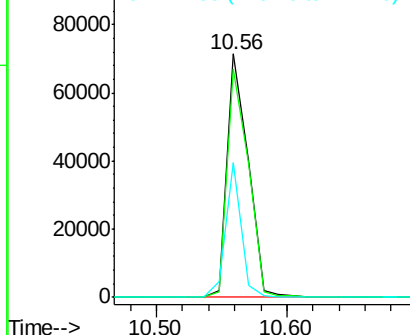
#41
 2,4,6-Tribromophenol
 Concen: 74.47 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF088815.D
 Acq: 8 Jul 2016 9:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	41.4	0.0	0.0#

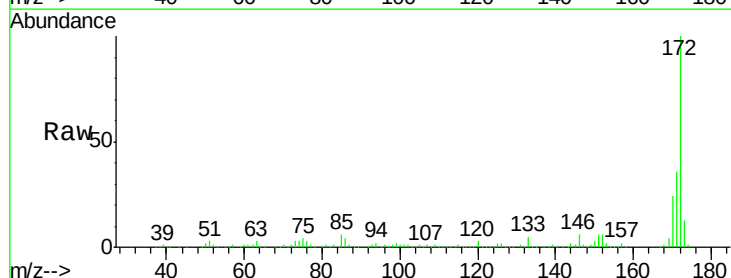


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

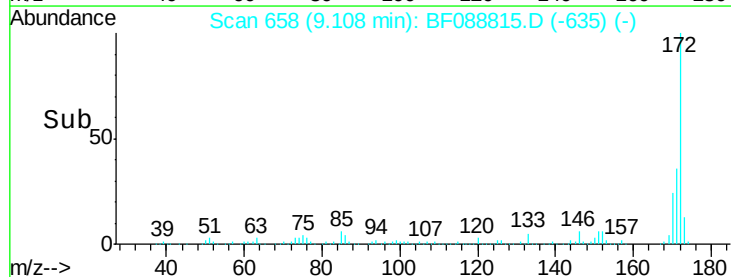
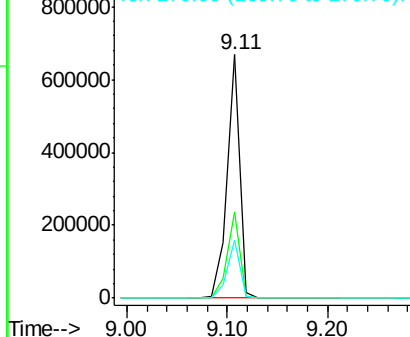


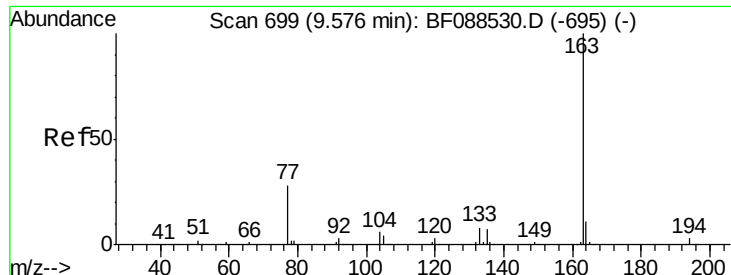
#44
 2-Fluorobiphenyl
 Concen: 79.45 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088815.D
 Acq: 8 Jul 2016 9:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.9	19.2	28.8



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

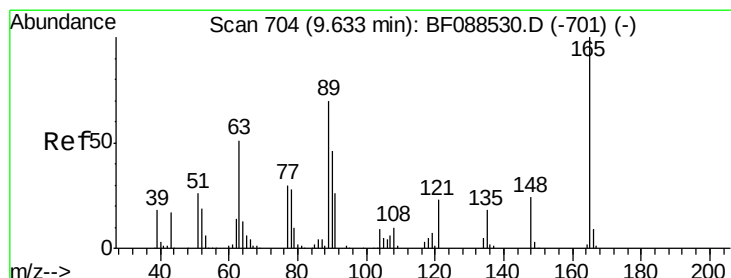
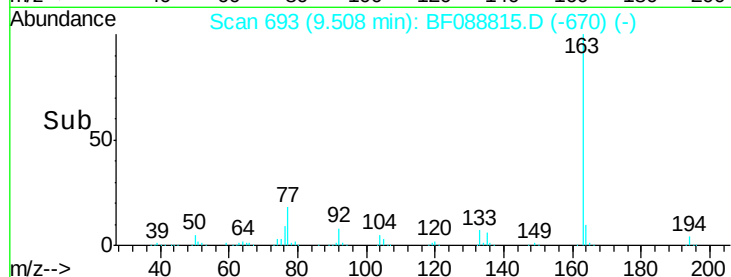
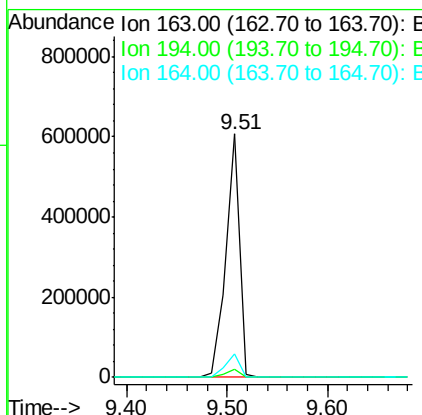
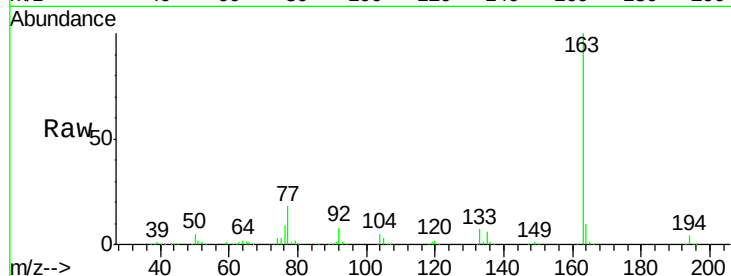




#49
Dimethylphthalate
Concen: 69.45 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF088815.D
Acq: 8 Jul 2016 9:19

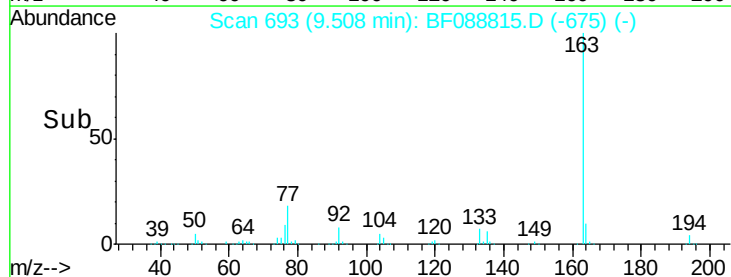
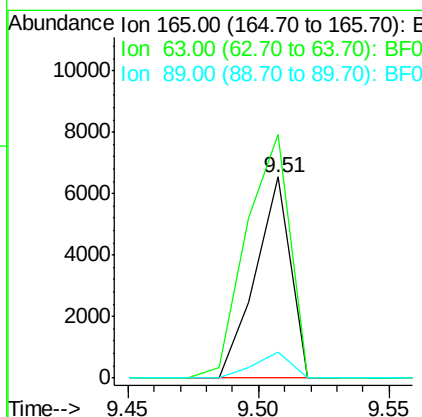
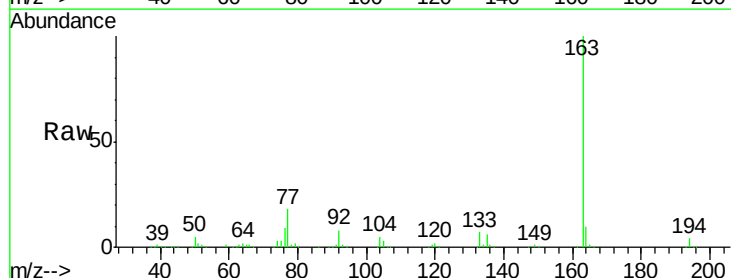
Instrument :
BNA_F
ClientSampleId :

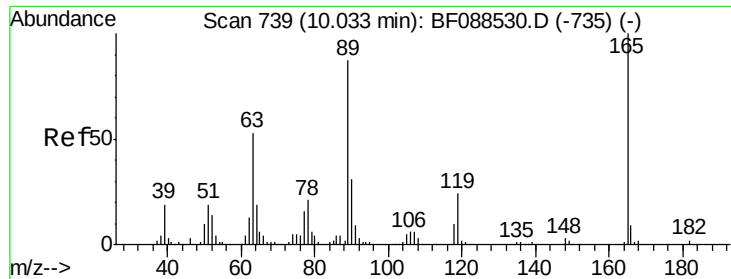
Tot Ion:163 Resp: 572816
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.8 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 3.38 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF088815.D
Acq: 8 Jul 2016 9:19

Tgt Ion:165 Resp: 6185
Ion Ratio Lower Upper
165 100
63 121.3 28.1 42.1#
89 12.8 32.2 48.2#

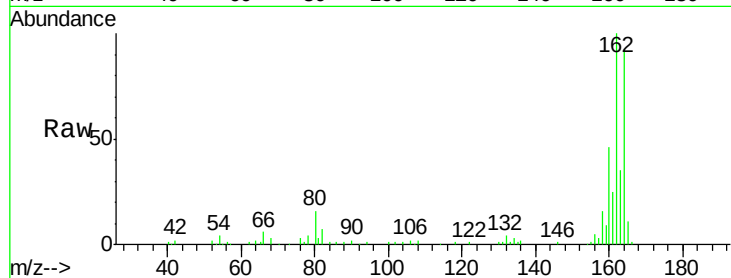




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.22 min
 Lab File: BF088815.D
 Acq: 8 Jul 2016 9:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	14649
Ion Ratio	Lower	Upper
165	100	
63	0.0	22.0 33.0#
89	0.0	41.1 61.7#
182	0.0	2.0 3.0#

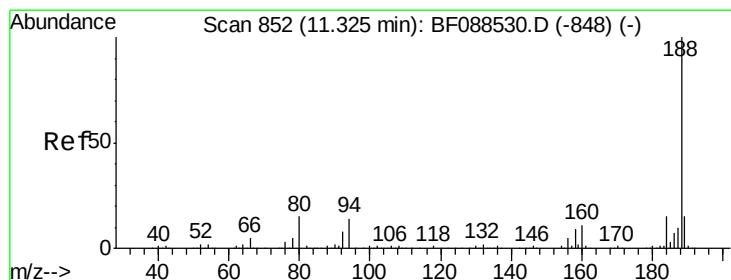
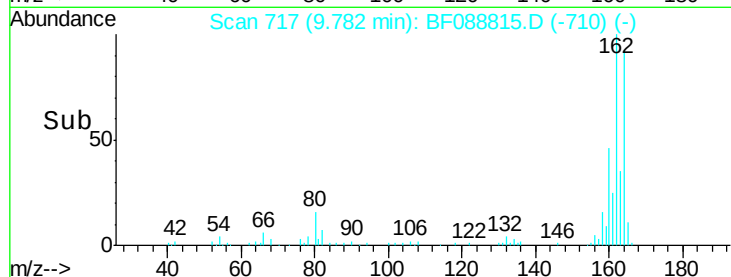
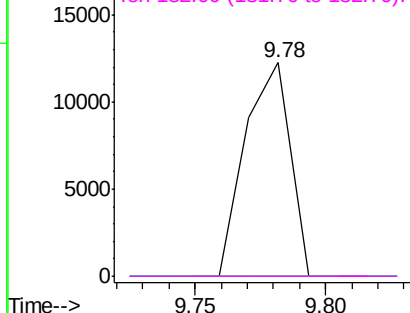


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

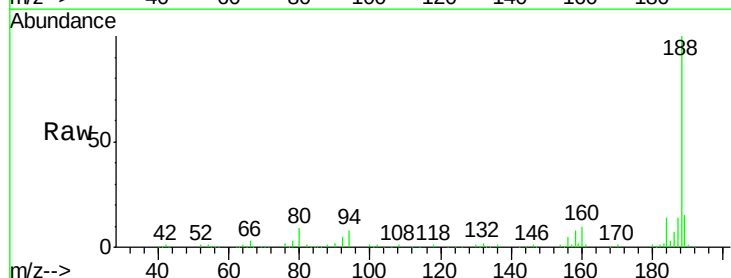
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF088815.D
 Acq: 8 Jul 2016 9:19

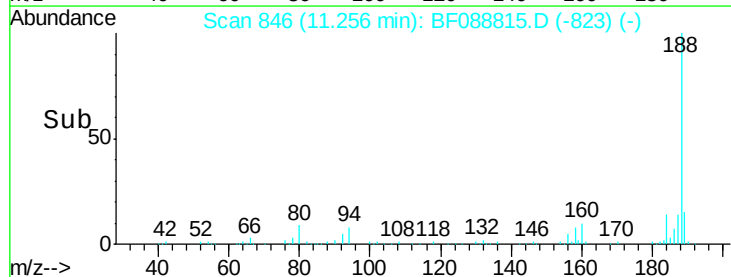
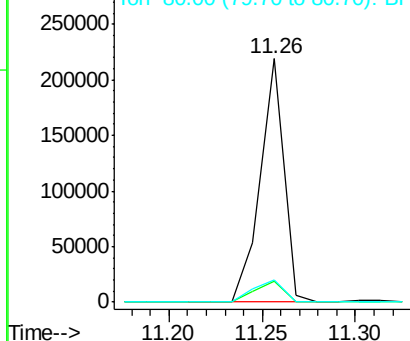
Tgt Ion:188	Resp:	191635
Ion Ratio	Lower	Upper
188	100	
94	8.4	9.0 13.6#
80	9.0	10.0 15.0#

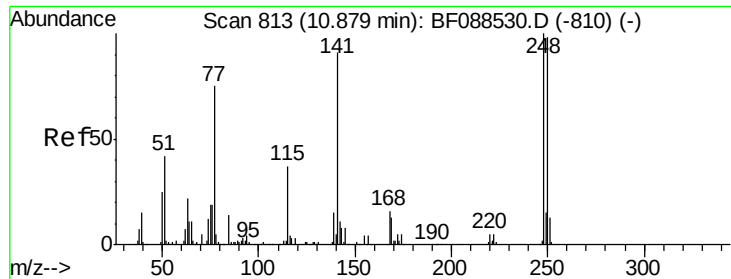


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

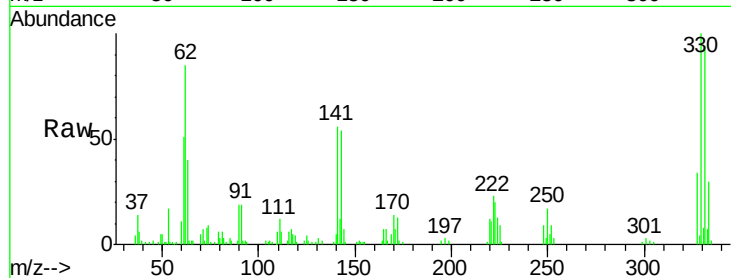




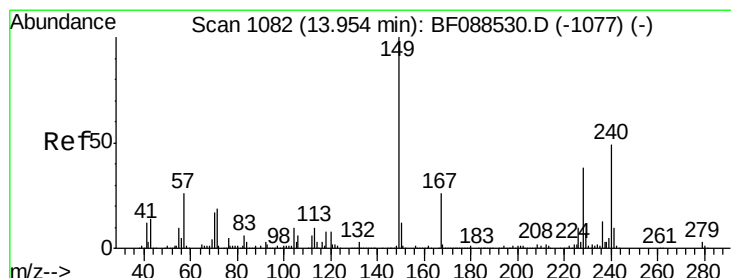
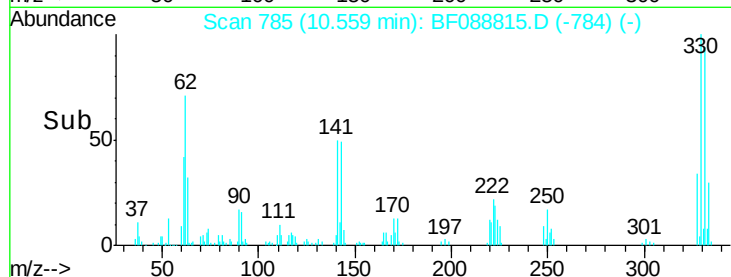
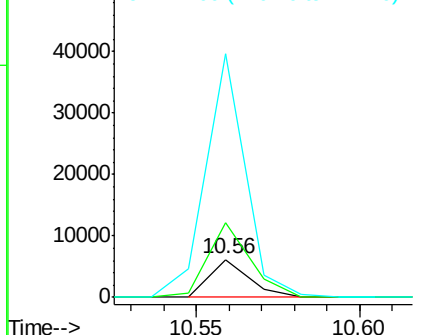
#66
4-Bromophenyl-phenylether
Concen: 2.68 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.29 min
Lab File: BF088815.D
Acq: 8 Jul 2016 9:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 5166
Ion Ratio Lower Upper
248 100
250 198.1 77.1 115.7#
141 643.4 50.6 76.0#

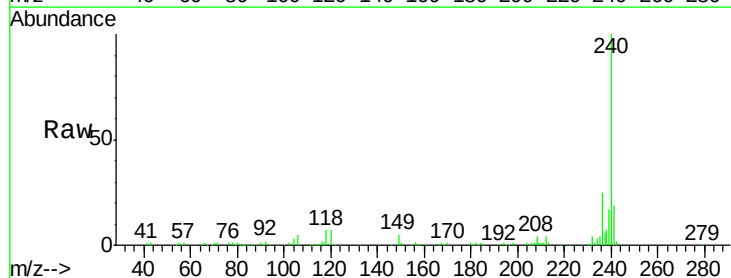


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

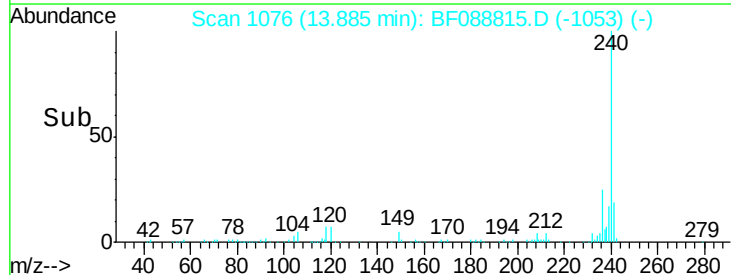
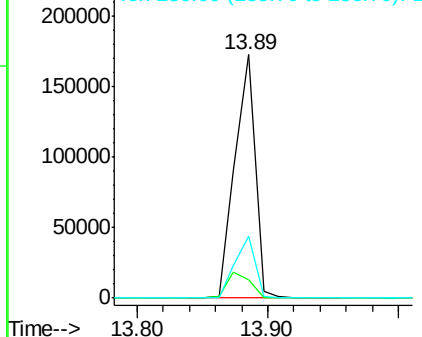


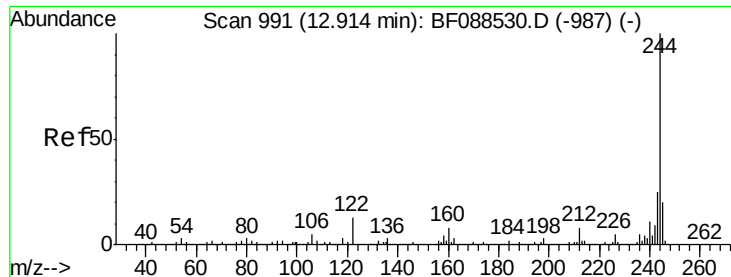
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.03 min
Lab File: BF088815.D
Acq: 8 Jul 2016 9:19

Tgt Ion:240 Resp: 186067
Ion Ratio Lower Upper
240 100
120 7.3 6.8 10.2
236 25.4 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

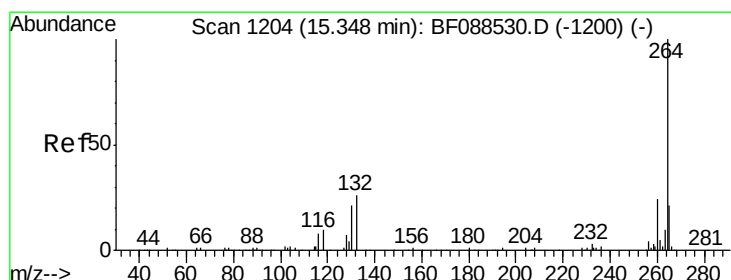
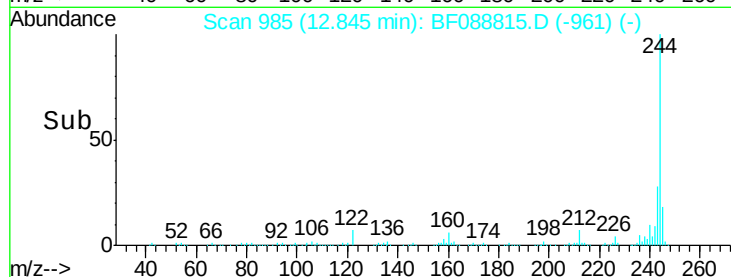
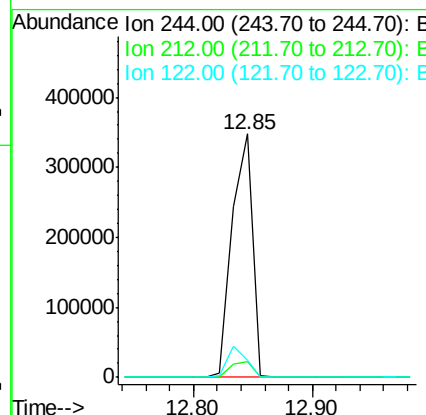
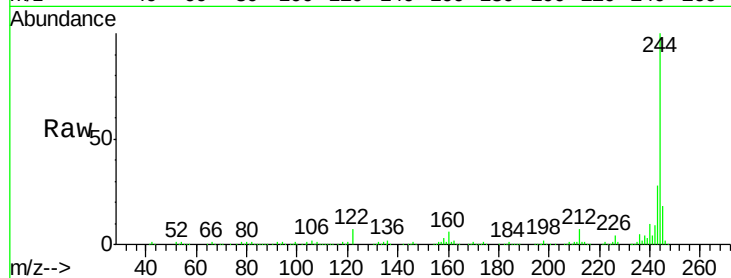




#78
 Terphenyl-d14
 Concen: 49.35 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088815.D
 Acq: 8 Jul 2016 9:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 412236
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 7.0 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. -0.03 min
 Lab File: BF088815.D
 Acq: 8 Jul 2016 9:19

Tgt Ion:264 Resp: 138113
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 16.9 25.3

