

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
 Data File : BF088816.D
 Acq On : 8 Jul 2016 9:48
 Operator : UM/SJ
 Sample : H3897-22
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 12:05:03 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

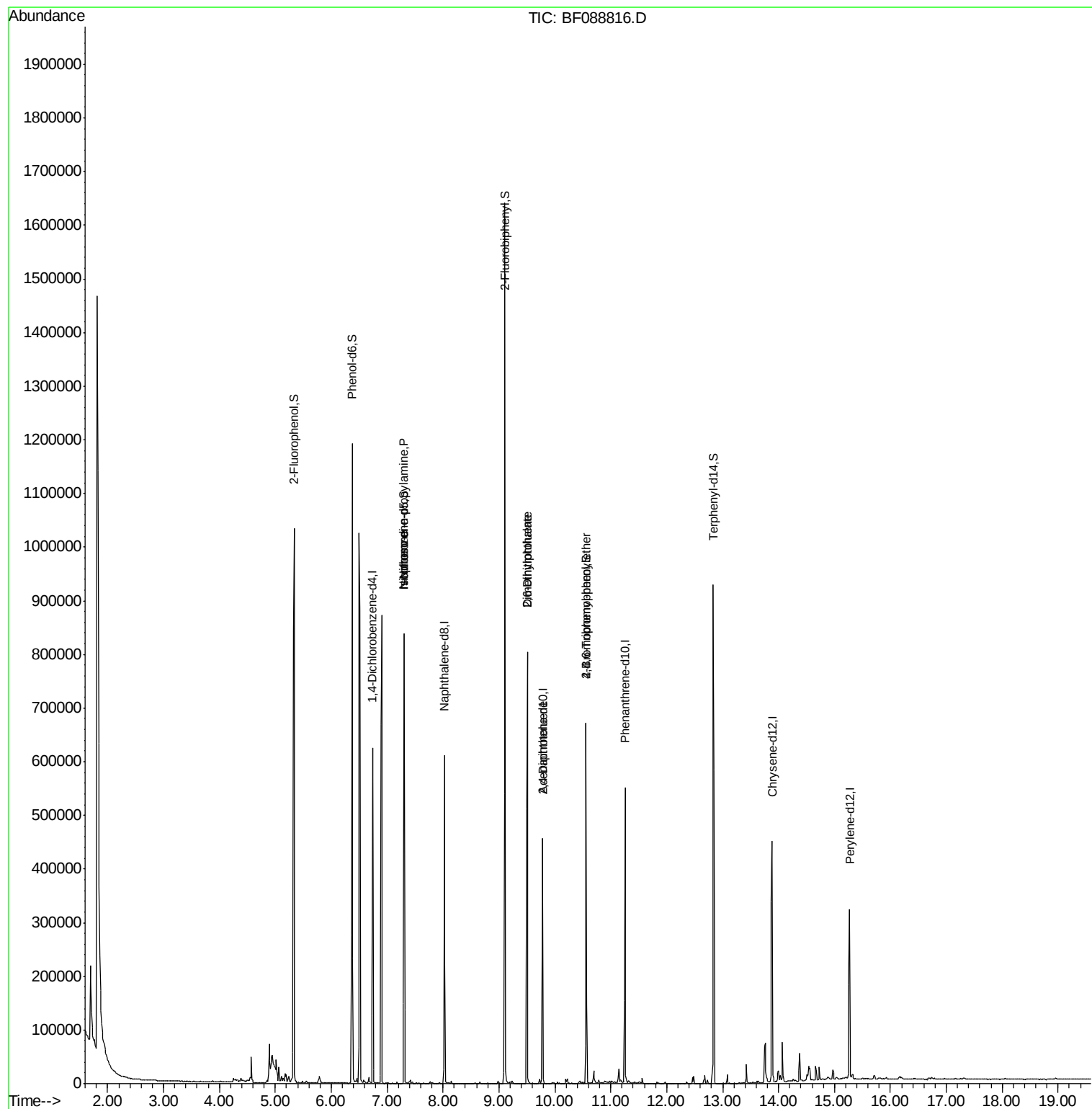
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	85889	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	294385	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	117376	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	198418	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	188849	20.00	ng	-0.03
86) Perylene-d12	15.27	264	141140	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	397378	69.34	ng	-0.03
7) Phenol-d6	6.38	99	431294	58.24	ng	-0.03
23) Nitrobenzene-d5	7.30	82	276621	49.24	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	69903	64.13	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	524184	70.54	ng	-0.03
78) Terphenyl-d14	12.83	244	350884	41.38	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	36320	7.30	ng	# 74
25) Isophorone	7.30	82	239886	23.05	ng	# 65
49) Dimethylphthalate	9.51	163	440775	52.71	ng	98
50) 2,6-Dinitrotoluene	9.51	165	4513	2.44	ng	# 23
56) 2,4-Dinitrotoluene	9.78	165	14793	6.10	ng	# 36
66) 4-Bromophenyl-phenylether	10.56	248	5026	2.51	ng	# 1

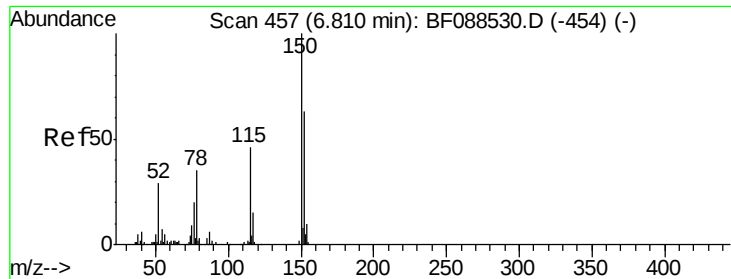
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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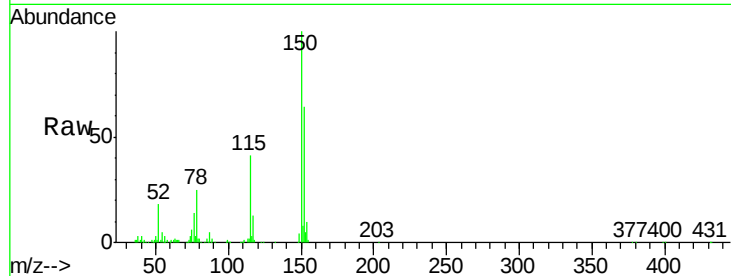


#1

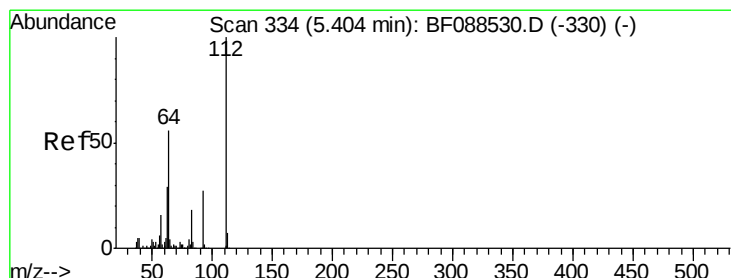
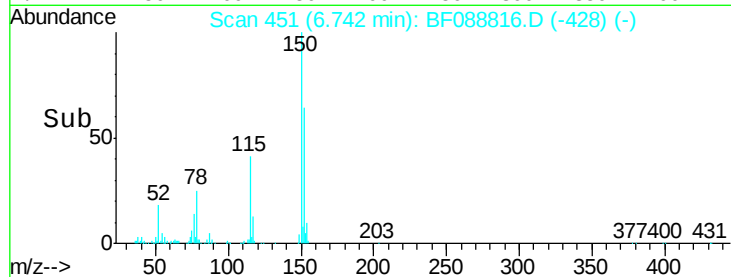
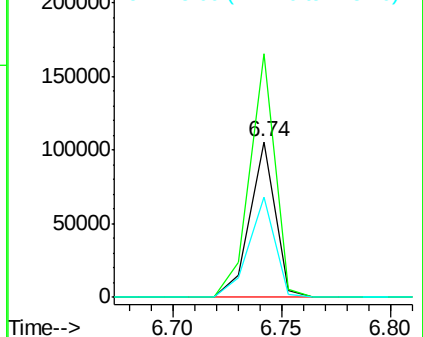
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF088816.D
Acq: 8 Jul 2016 9:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85889
Ion Ratio Lower Upper
152 100
150 156.2 123.8 185.6
115 64.6 39.6 59.4#



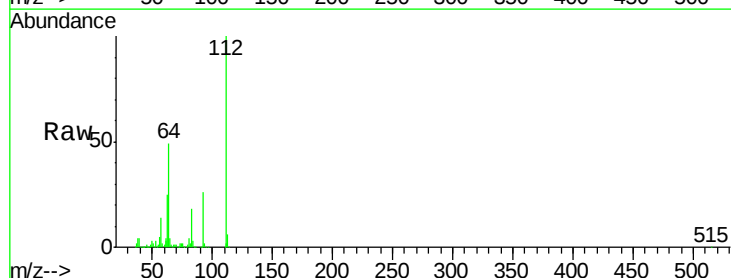
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



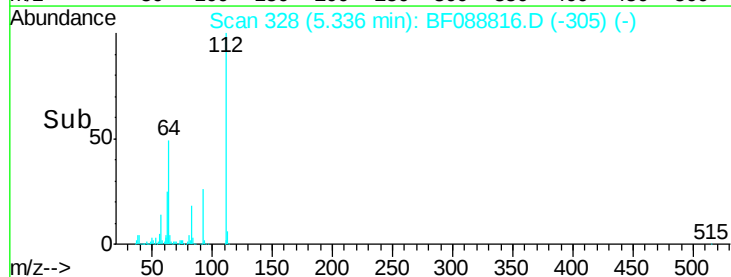
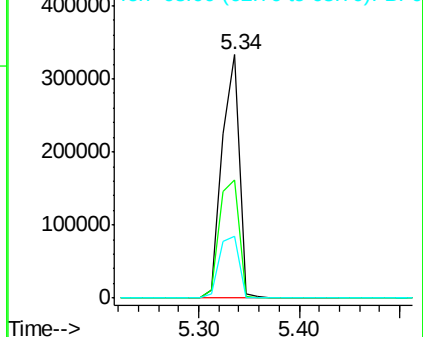
#5

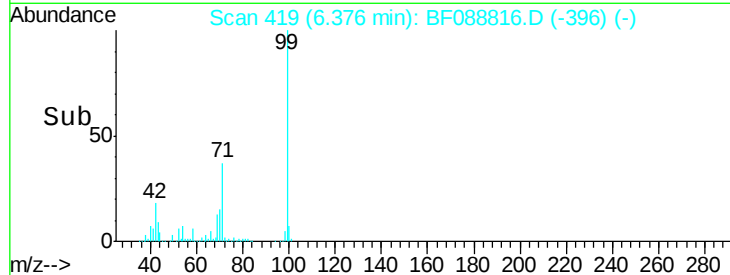
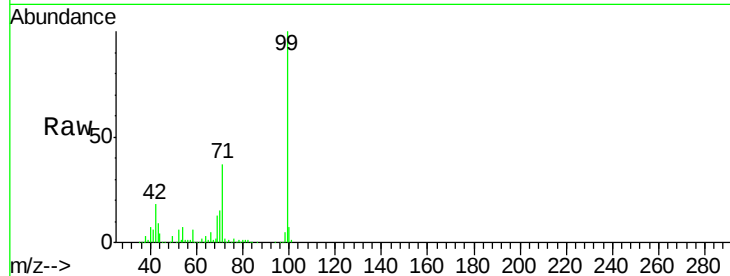
2-Fluorophenol
Concen: 69.34 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.03 min
Lab File: BF088816.D
Acq: 8 Jul 2016 9:48

Tgt Ion:112 Resp: 397378
Ion Ratio Lower Upper
112 100
64 48.6 42.2 63.2
63 25.3 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: 58.24 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF088816.D

Acq: 8 Jul 2016 9:48

Instrument :

BNA_F

ClientSampled :

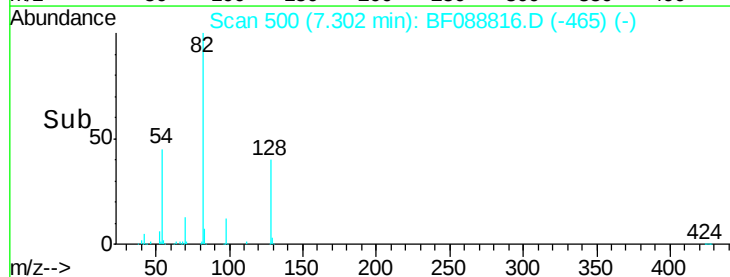
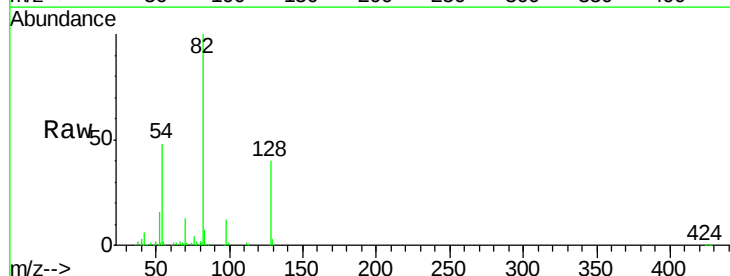
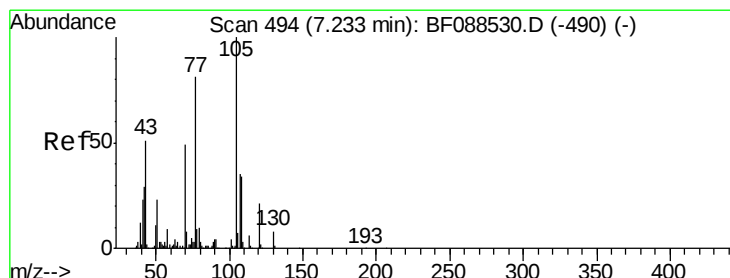
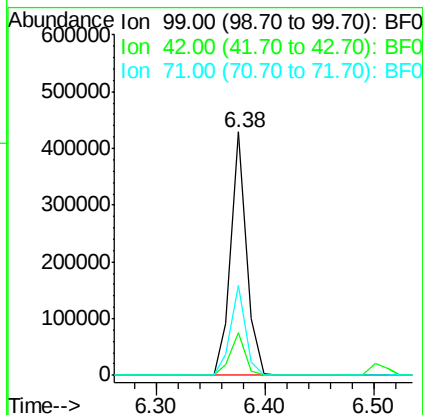
Tot Ion: 99 Resp: 431294

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

71 37.2 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 7.30 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.10 min

Lab File: BF088816.D

Acq: 8 Jul 2016 9:48

Tgt Ion: 70 Resp: 36320

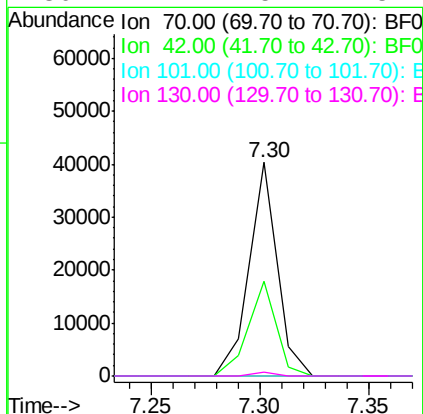
Ion Ratio Lower Upper

70 100

42 44.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 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: BF088816.D

Acq: 8 Jul 2016 9:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 294385

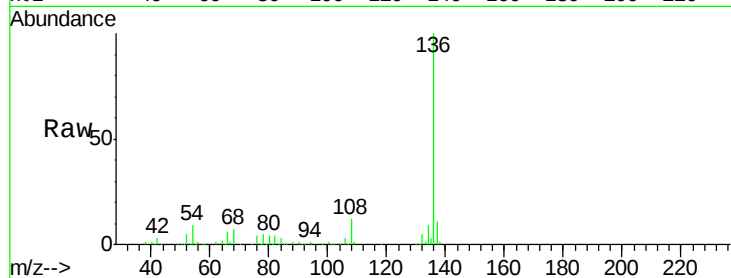
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.1 6.6 10.0

68 7.0 5.1 7.7

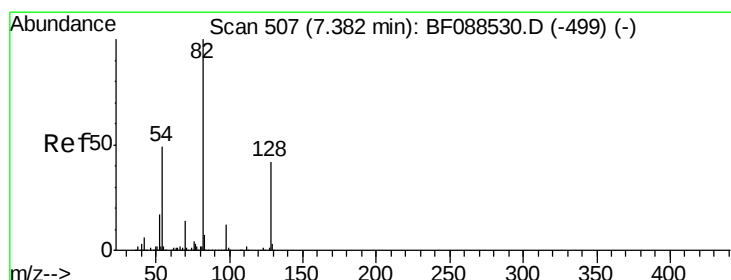
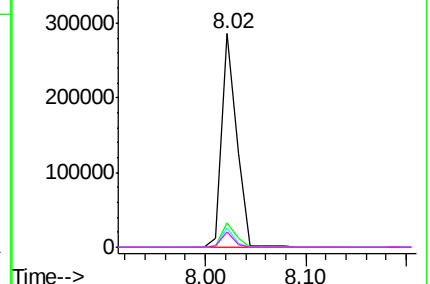
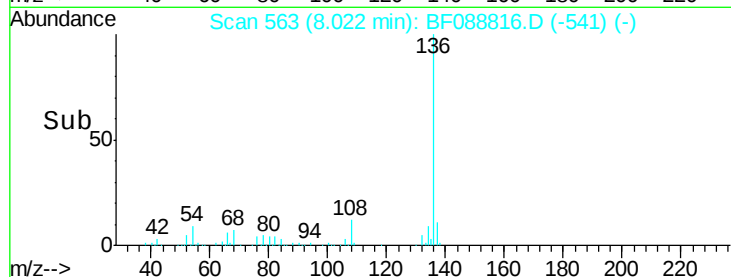


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.24 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF088816.D

Acq: 8 Jul 2016 9:48

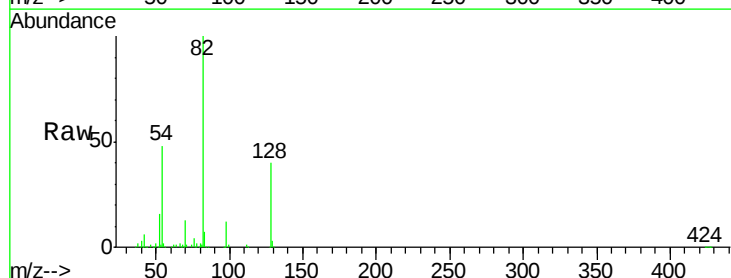
Tgt Ion: 82 Resp: 276621

Ion Ratio Lower Upper

82 100

128 39.6 35.9 53.9

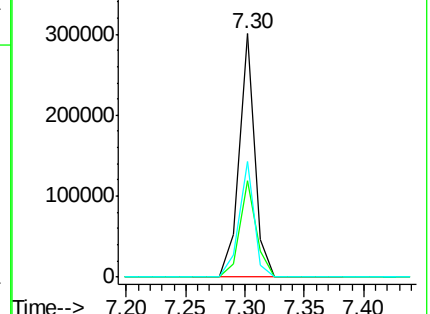
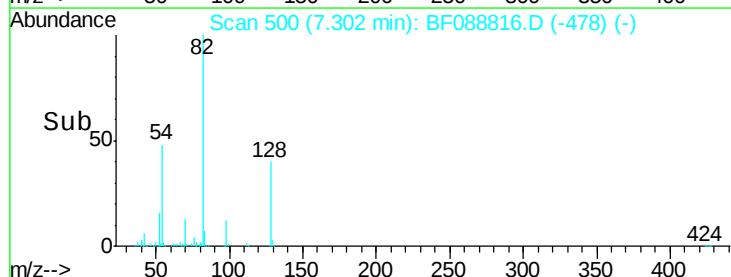
54 47.6 40.9 61.3

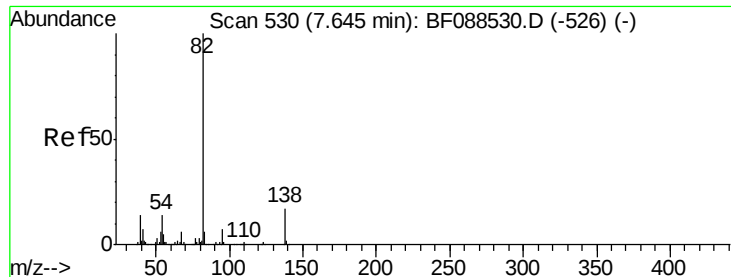


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 23.05 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.31 min

Lab File: BF088816.D

Acq: 8 Jul 2016 9:48

Instrument :

BNA_F

ClientSampleId :

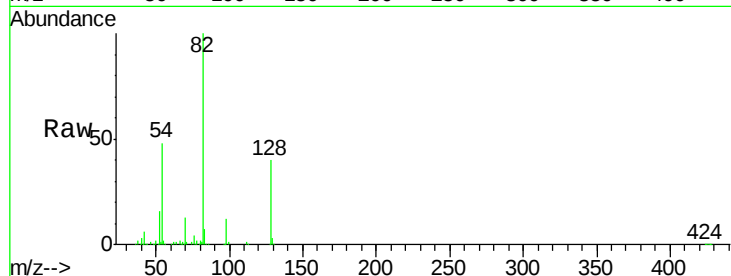
Tot Ion: 82 Resp: 239886

Ion Ratio Lower Upper

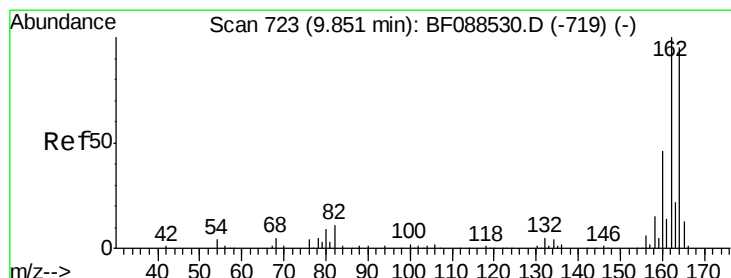
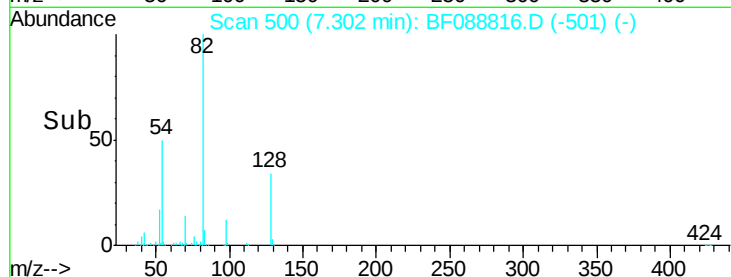
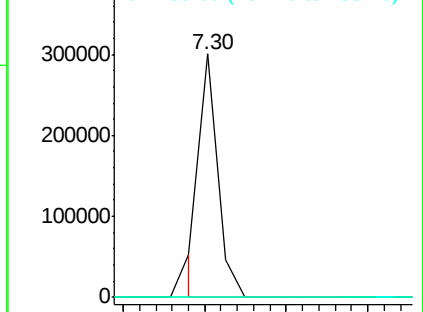
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



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: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088816.D

Acq: 8 Jul 2016 9:48

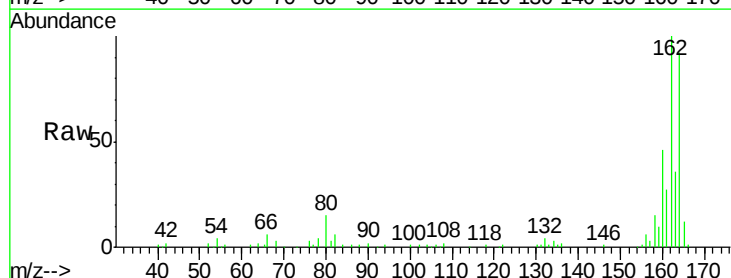
Tgt Ion: 164 Resp: 117376

Ion Ratio Lower Upper

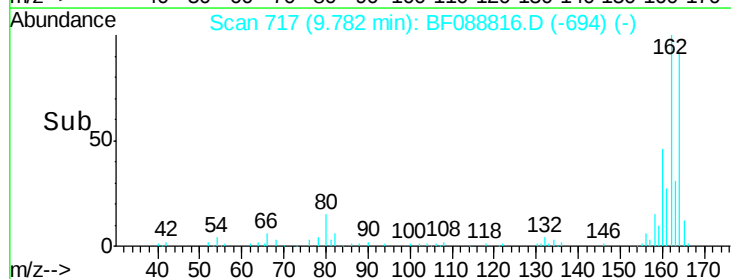
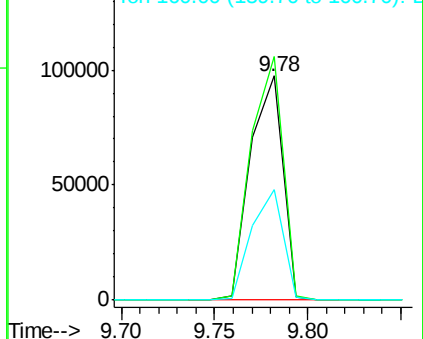
164 100

162 108.6 85.4 128.2

160 49.4 39.5 59.3



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

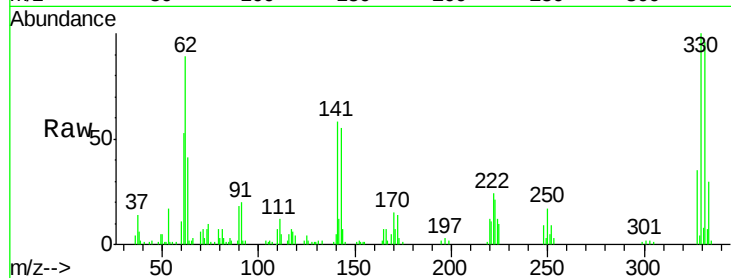




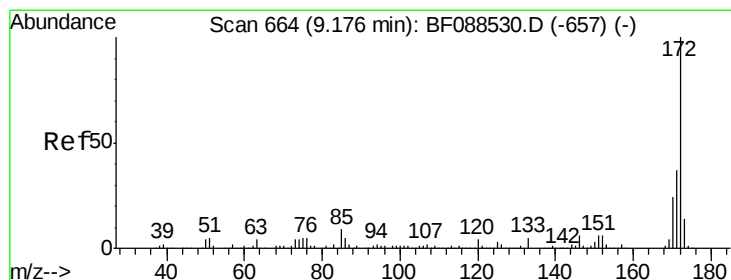
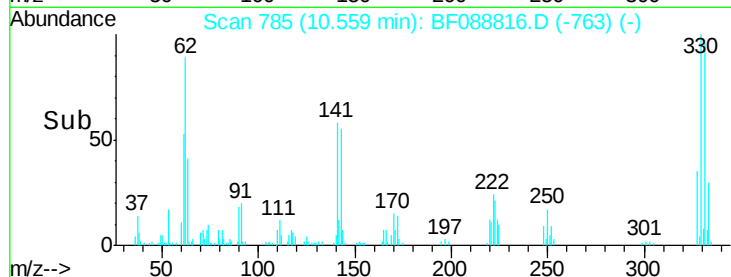
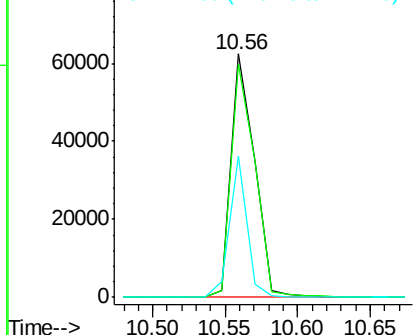
#41
 2,4,6-Tribromophenol
 Concen: 64.13 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF088816.D
 Acq: 8 Jul 2016 9:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 69903
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 43.2 0.0 0.0#

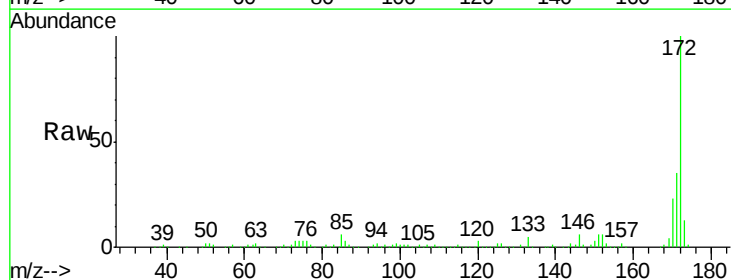


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

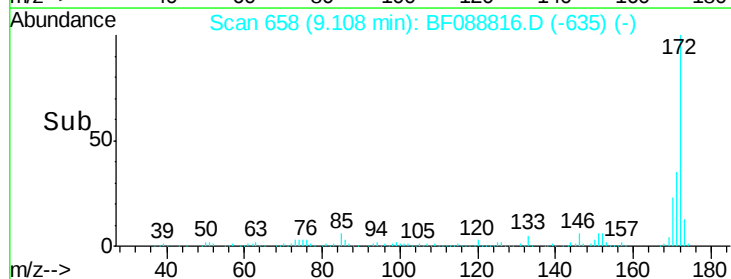
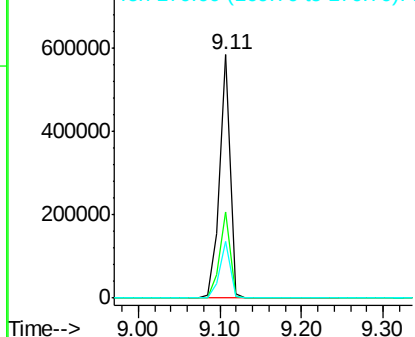


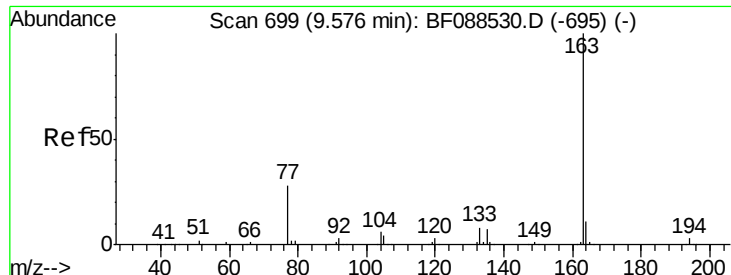
#44
 2-Fluorobiphenyl
 Concen: 70.54 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088816.D
 Acq: 8 Jul 2016 9:48

Tgt Ion:172 Resp: 524184
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.5 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

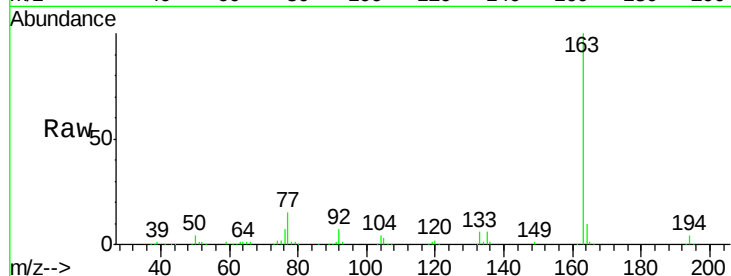




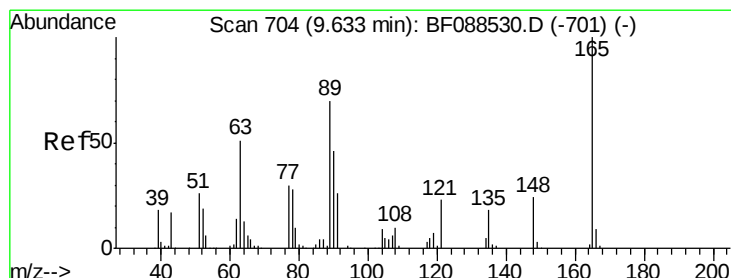
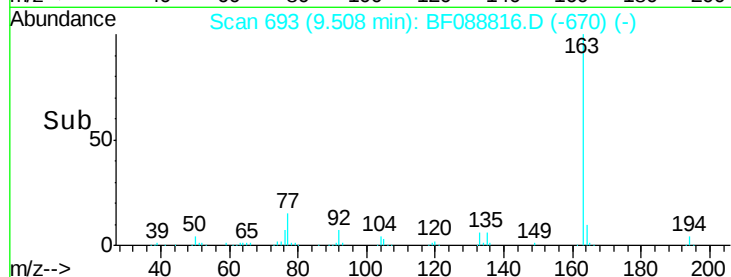
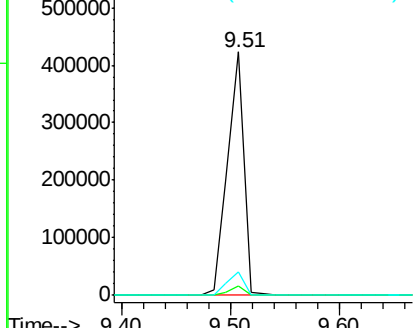
#49
Dimethylphthalate
Concen: 52.71 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF088816.D
Acq: 8 Jul 2016 9:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 440775
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.6 8.3 12.5

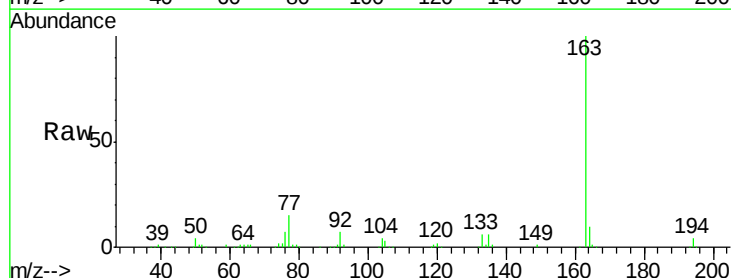


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

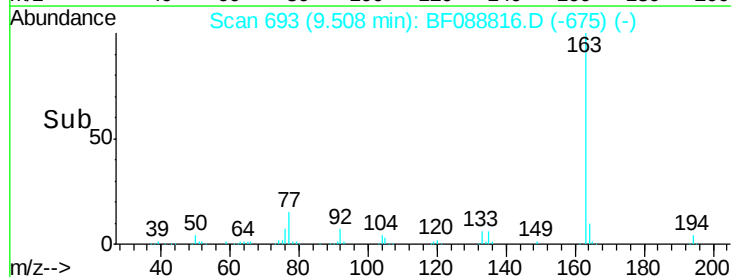
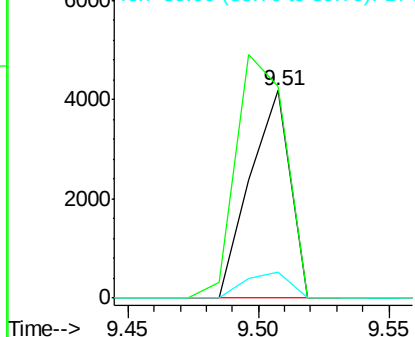


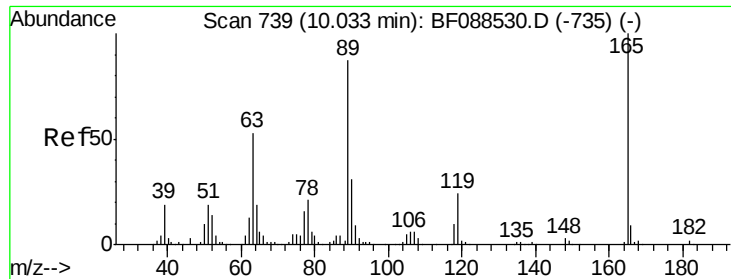
#50
2,6-Dinitrotoluene
Concen: 2.44 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF088816.D
Acq: 8 Jul 2016 9:48

Tgt Ion:165 Resp: 4513
Ion Ratio Lower Upper
165 100
63 101.6 28.1 42.1#
89 12.3 32.2 48.2#



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

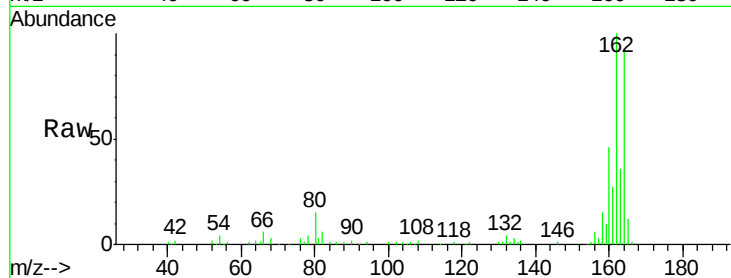




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.22 min
 Lab File: BF088816.D
 Acq: 8 Jul 2016 9:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	14793
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#

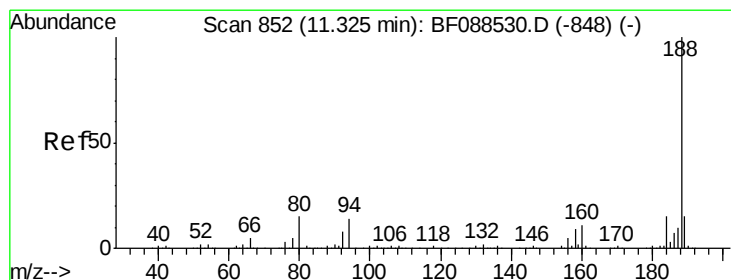
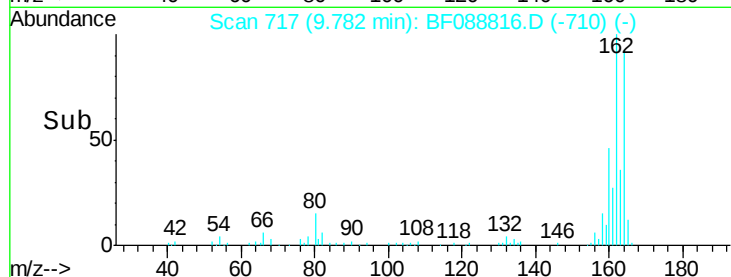
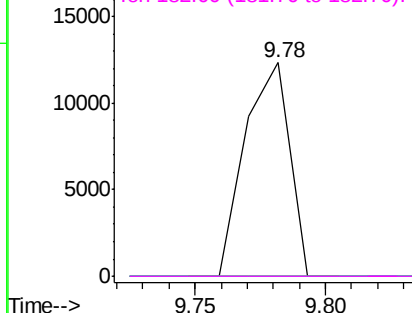


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

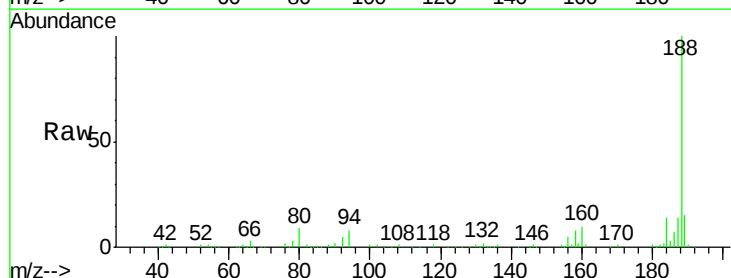
Ion 89.00 (88.70 to 89.70): BF0

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: BF088816.D
 Acq: 8 Jul 2016 9:48

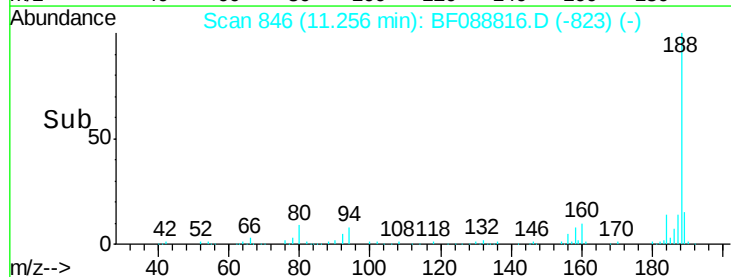
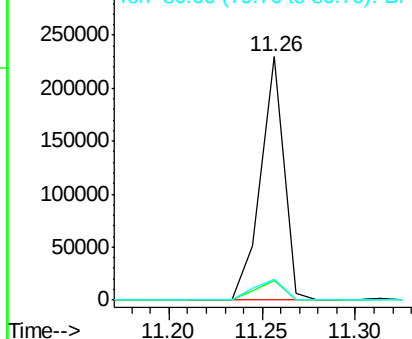
Tgt Ion:188	Resp:	198418
Ion Ratio	Lower	Upper
188	100	
94	8.1	9.0 13.6#
80	8.7	10.0 15.0#

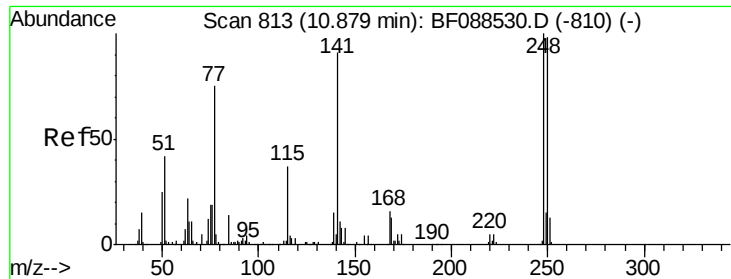


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

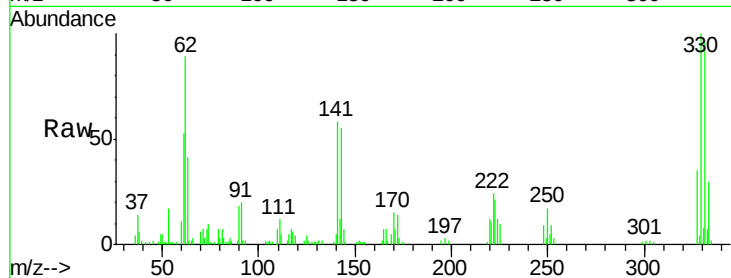




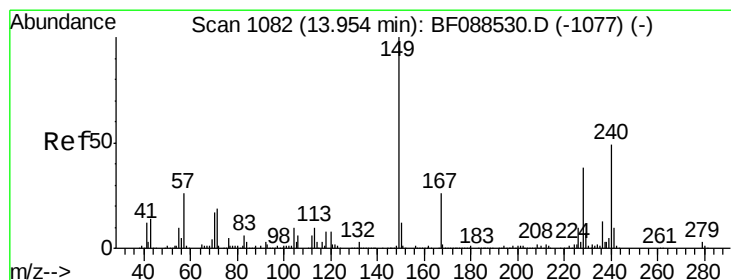
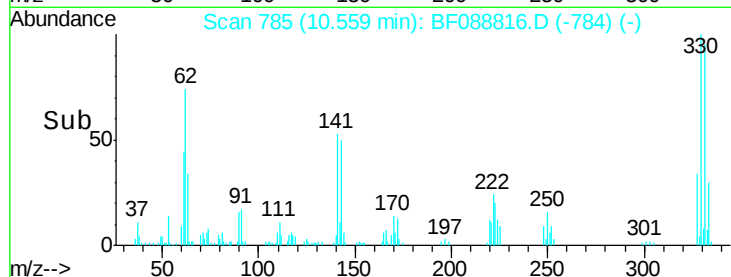
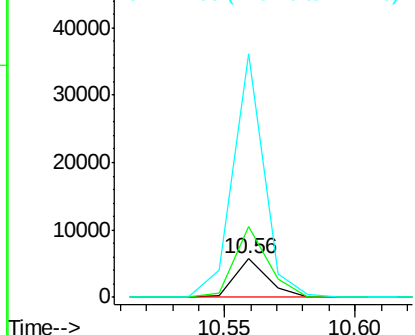
#66
 4-Bromophenyl-phenylether
 Concen: 2.51 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.29 min
 Lab File: BF088816.D
 Acq: 8 Jul 2016 9:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 5026
 Ion Ratio Lower Upper
 248 100
 250 185.2 77.1 115.7#
 141 637.7 50.6 76.0#

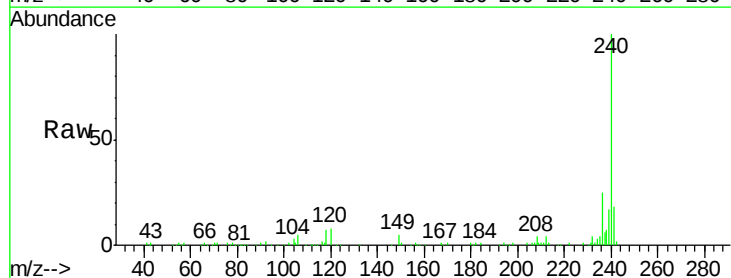


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

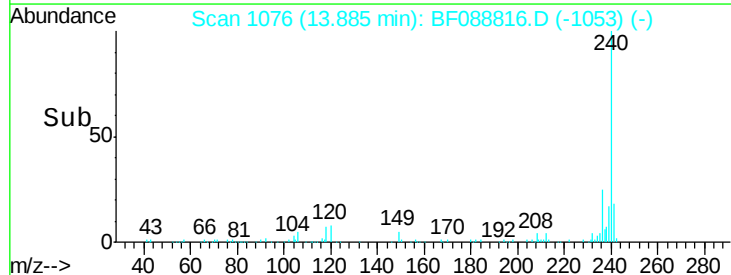
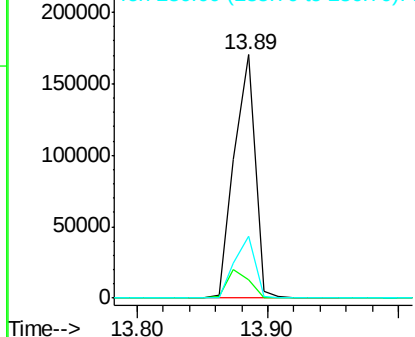


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.03 min
 Lab File: BF088816.D
 Acq: 8 Jul 2016 9:48

Tgt Ion:240 Resp: 188849
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.8 10.2
 236 25.5 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

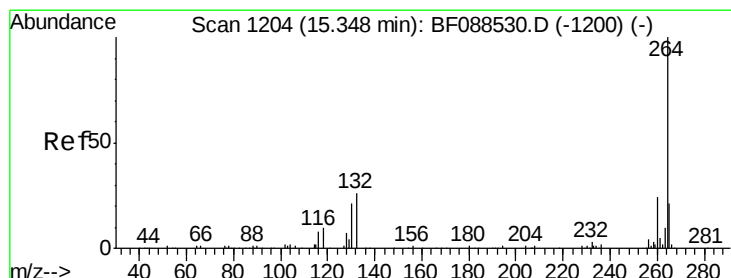
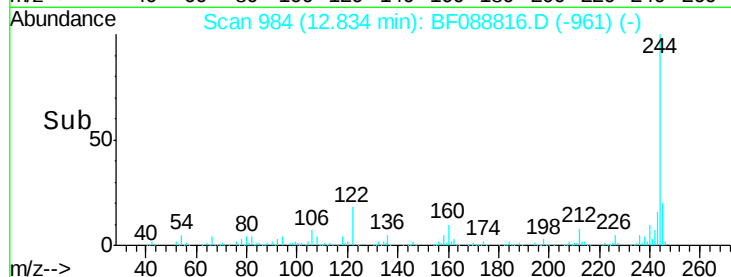
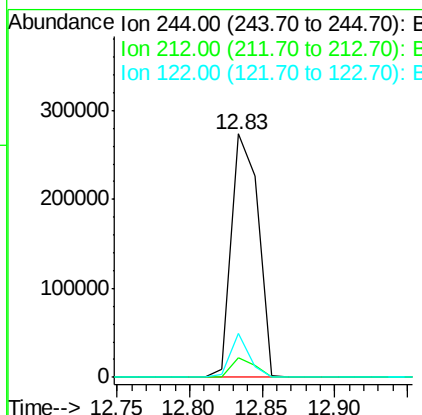
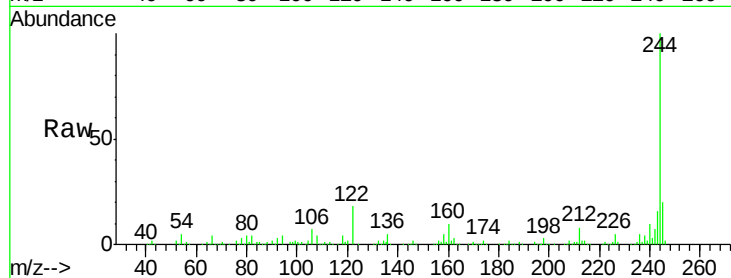




#78
 Terphenyl-d14
 Concen: 41.38 ng
 RT: 12.83 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BF088816.D
 Acq: 8 Jul 2016 9:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 350884
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 18.2 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: BF088816.D
 Acq: 8 Jul 2016 9:48

Tgt Ion:264 Resp: 141140
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.1 16.9 25.3

