

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088640.D
 Acq On : 3 Jul 2016 10:42
 Operator : UM/SJ
 Sample : PB91807BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:53:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

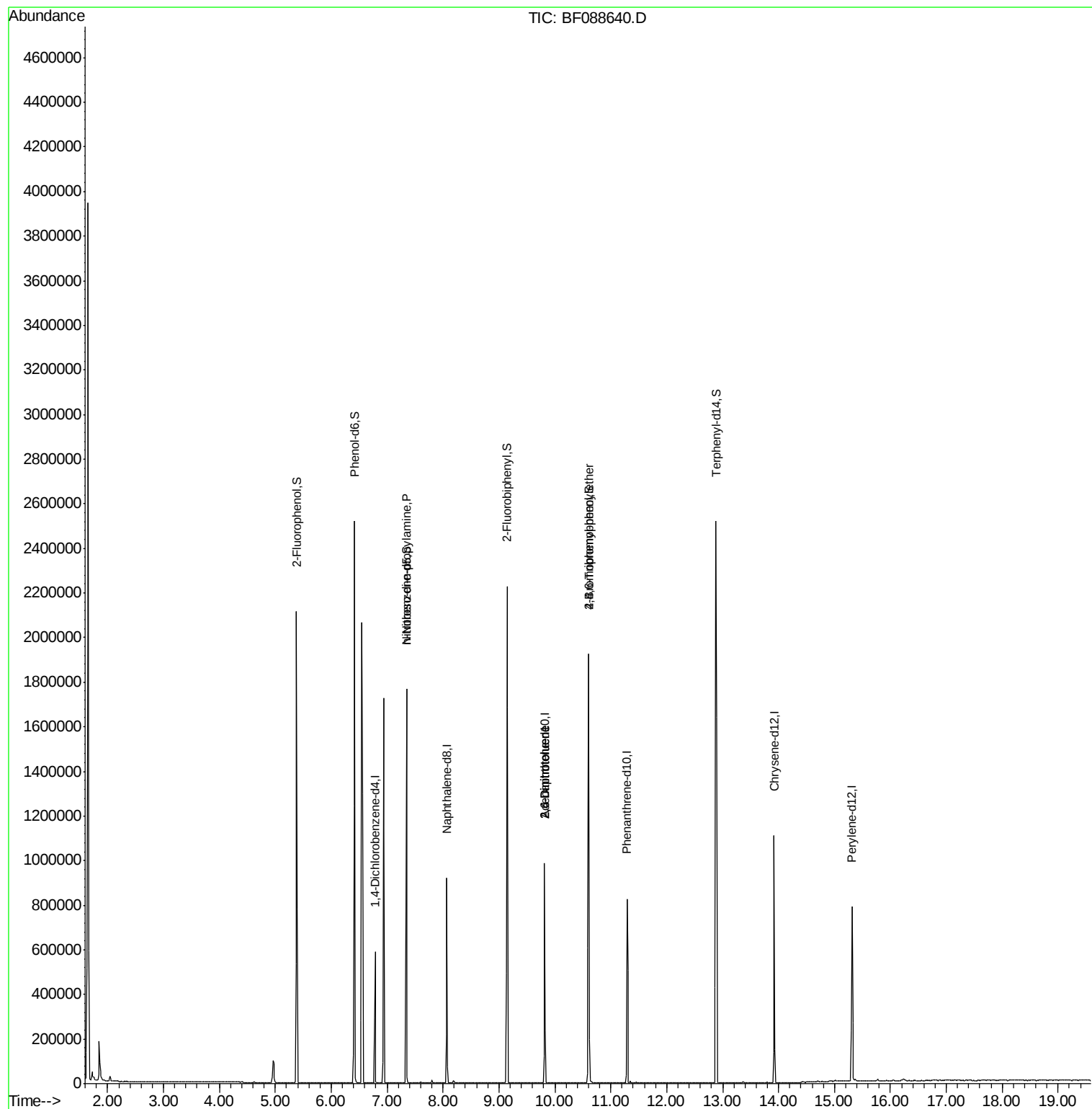
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100799	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	406829	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	191181	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	368334	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	332768	20.00	ng	-0.03
86) Perylene-d12	15.31	264	321135	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	700394	104.14	ng	-0.02
7) Phenol-d6	6.42	99	972841	111.94	ng	-0.02
23) Nitrobenzene-d5	7.35	82	631740	81.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	213236	120.11	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1033590	85.40	ng	-0.03
78) Terphenyl-d14	12.88	244	1033046	69.15	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	86602	14.84	ng	# 72
50) 2,6-Dinitrotoluene	9.82	165	24663	8.17	ng	# 40
56) 2,4-Dinitrotoluene	9.82	165	24665	6.25	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	14560	3.92	ng	# 1

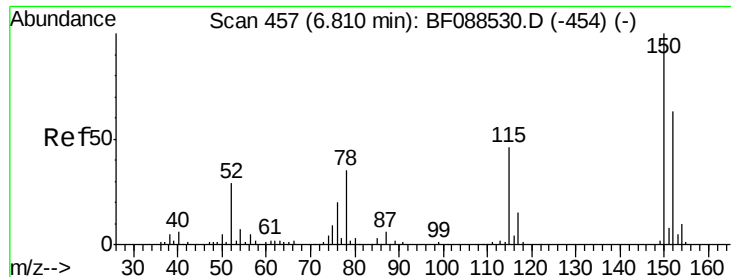
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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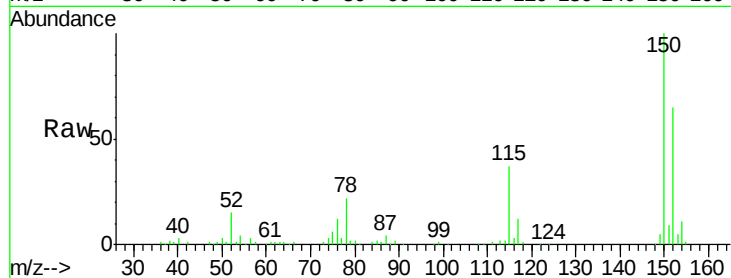


#1

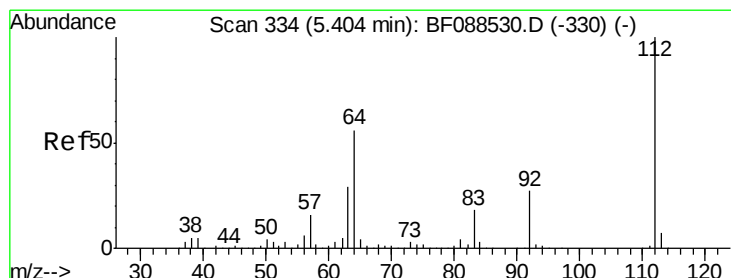
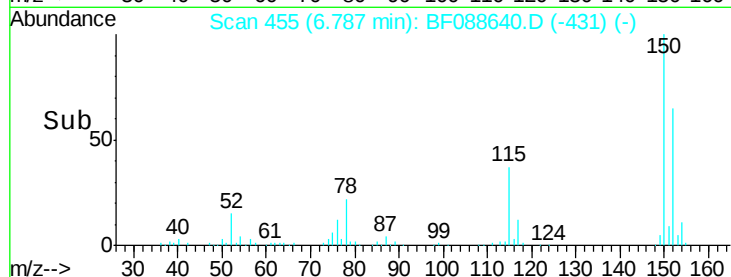
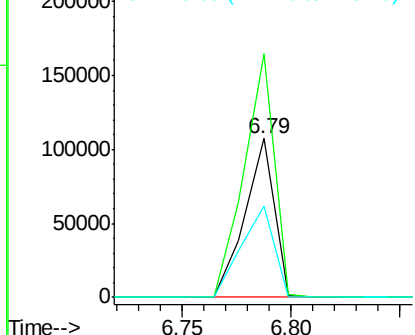
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088640.D
Acq: 3 Jul 2016 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100799
Ion Ratio Lower Upper
152 100
150 153.3 123.8 185.6
115 57.4 39.6 59.4



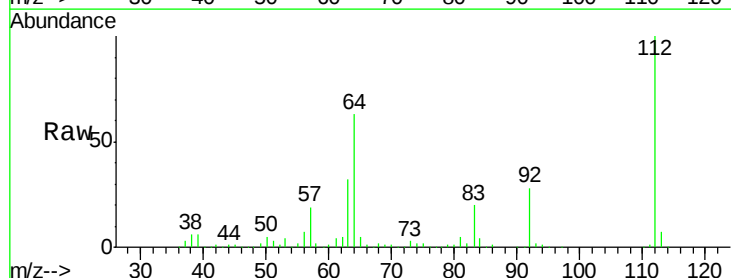
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



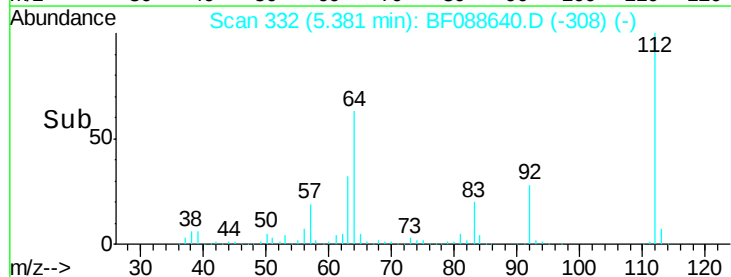
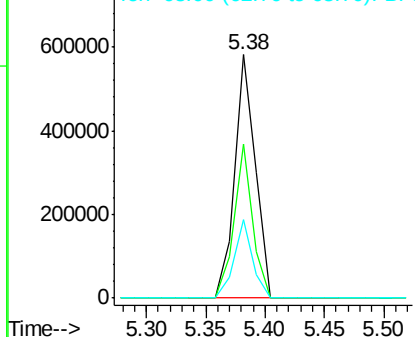
#5

2-Fluorophenol
Concen: 104.14 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088640.D
Acq: 3 Jul 2016 10:42

Tgt Ion:112 Resp: 700394
Ion Ratio Lower Upper
112 100
64 63.0 42.2 63.2
63 32.4 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: 111.94 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088640.D

Acq: 3 Jul 2016 10:42

Instrument :

BNA_F

ClientSampleId :

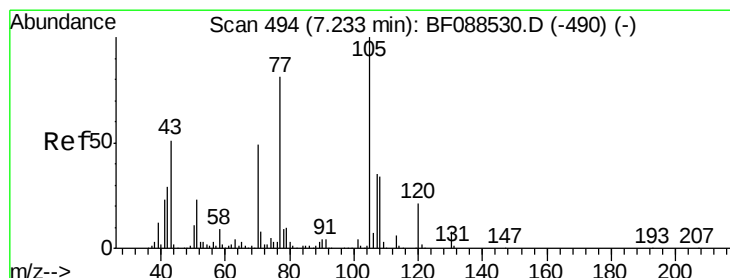
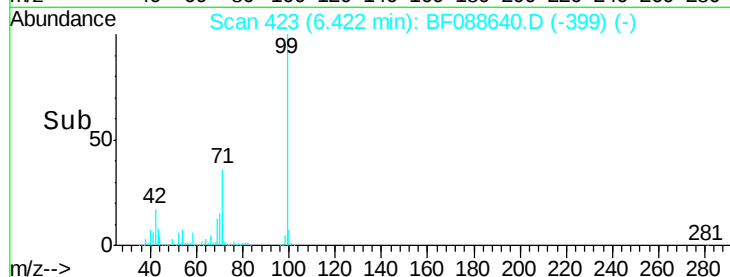
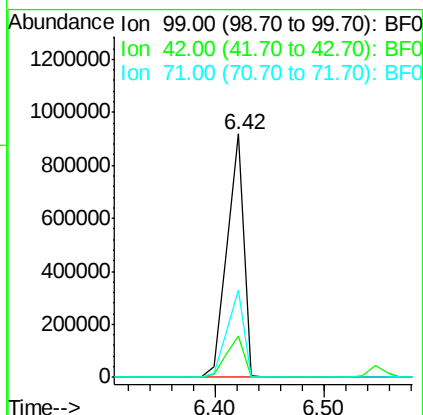
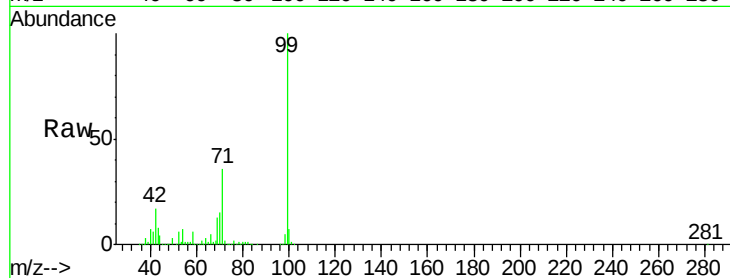
Tot Ion: 99 Resp: 972841

Ion Ratio Lower Upper

99 100

42 17.1 12.2 18.2

71 35.7 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 14.84 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088640.D

Acq: 3 Jul 2016 10:42

Tgt Ion: 70 Resp: 86602

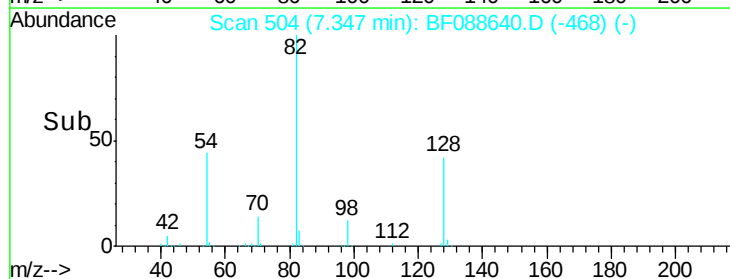
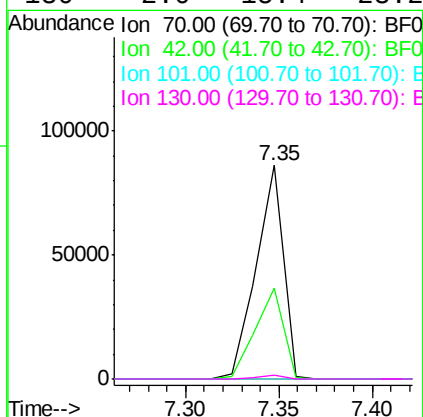
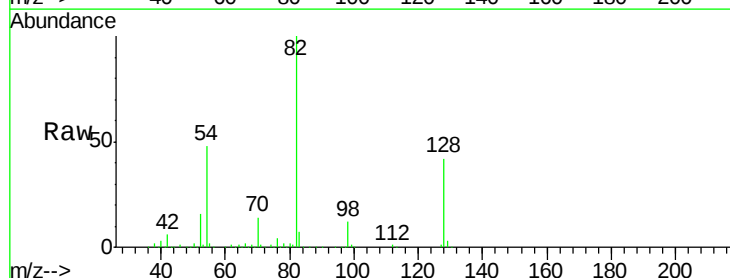
Ion Ratio Lower Upper

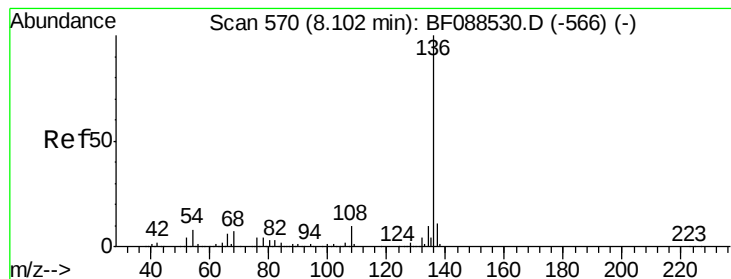
70 100

42 42.5 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: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088640.D

Acq: 3 Jul 2016 10:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 406829

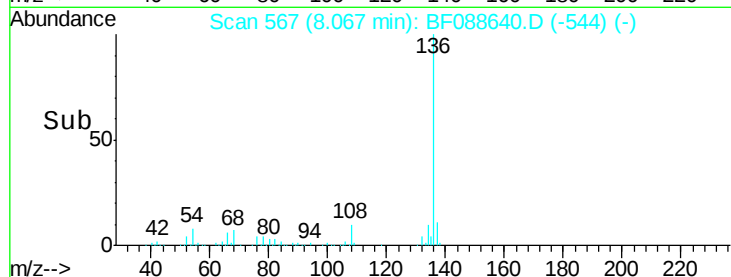
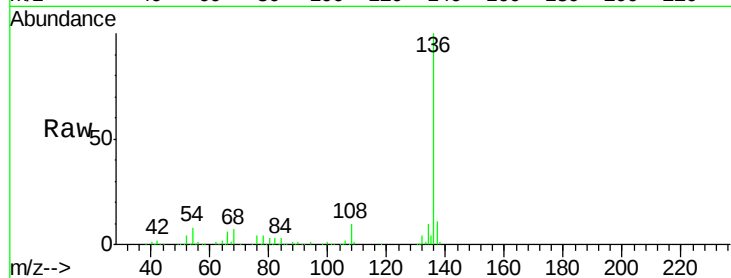
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.0 6.6 10.0

68 6.7 5.1 7.7

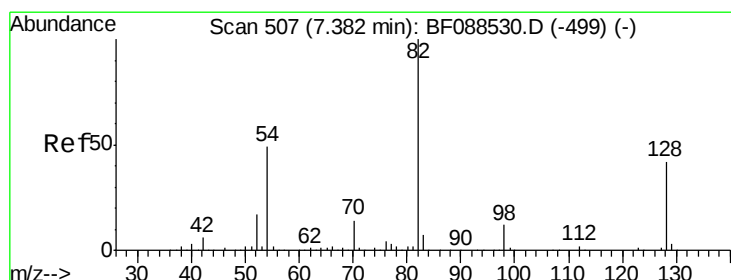
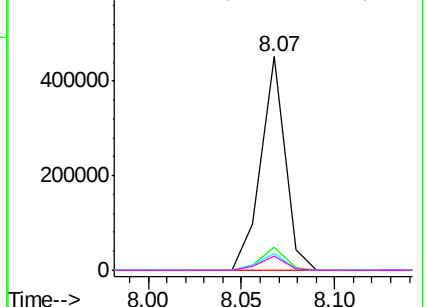


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.38 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088640.D

Acq: 3 Jul 2016 10:42

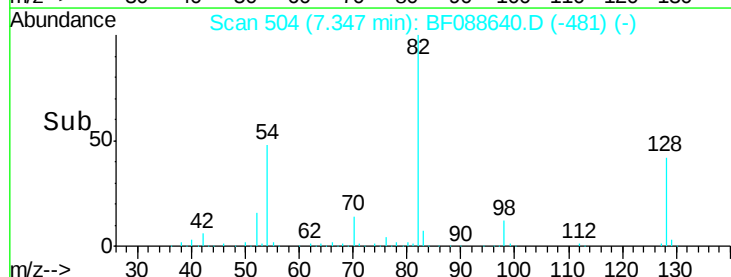
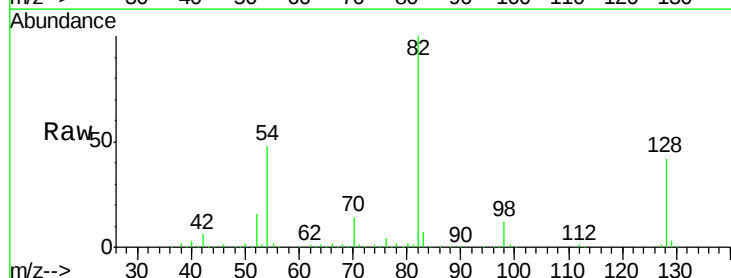
Tgt Ion: 82 Resp: 631740

Ion Ratio Lower Upper

82 100

128 42.3 35.9 53.9

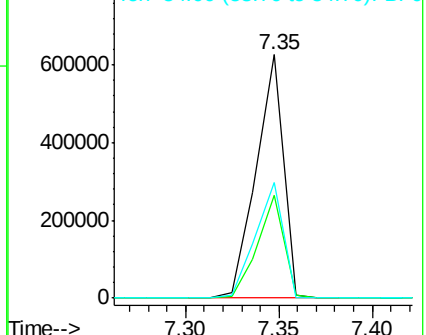
54 47.7 40.9 61.3

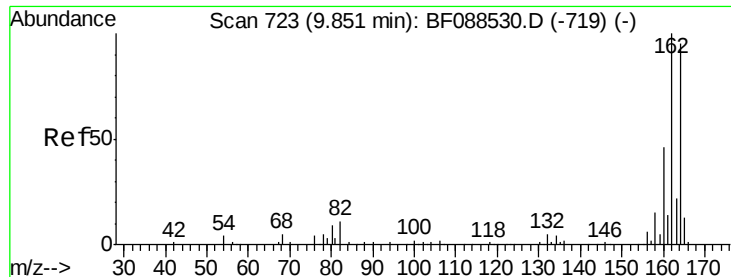


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

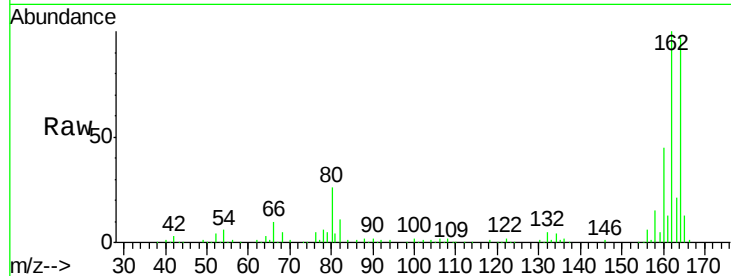




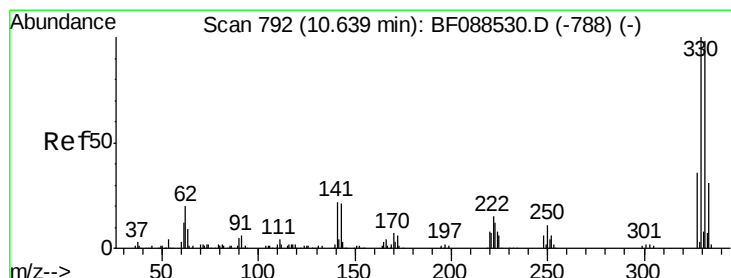
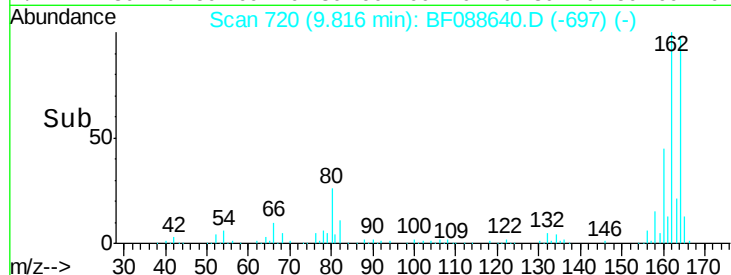
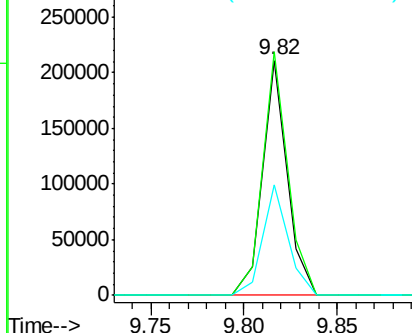
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 191181
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.4 128.2
 160 47.0 39.5 59.3

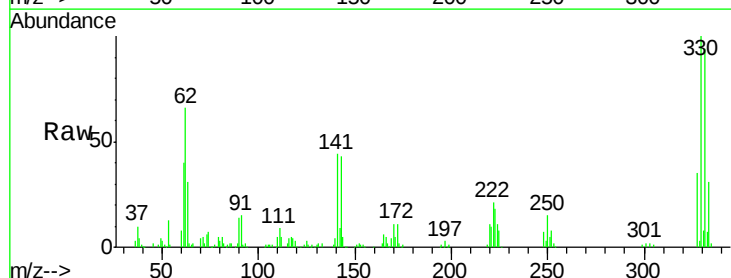


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

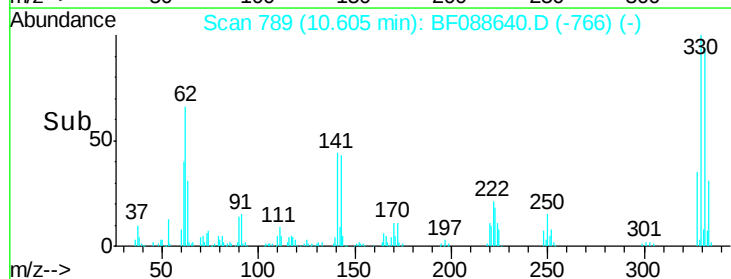
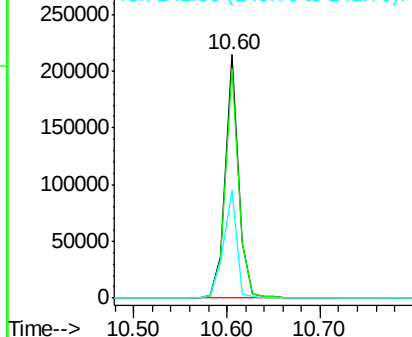


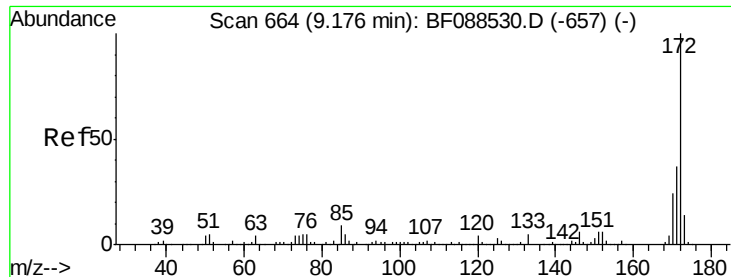
#41
 2,4,6-Tribromophenol
 Concen: 120.11 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

Tgt Ion:330 Resp: 213236
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 43.7 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

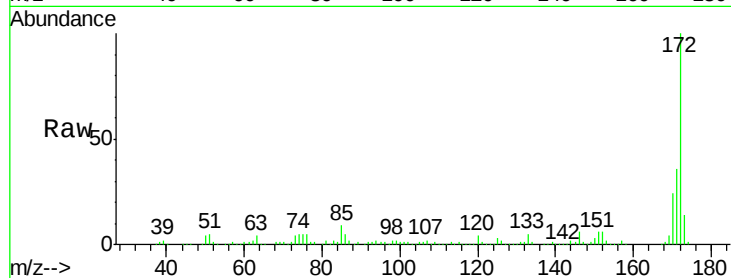




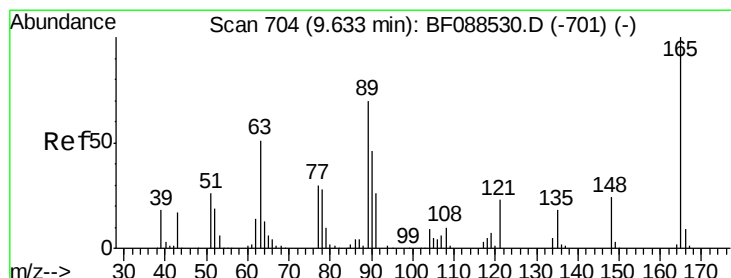
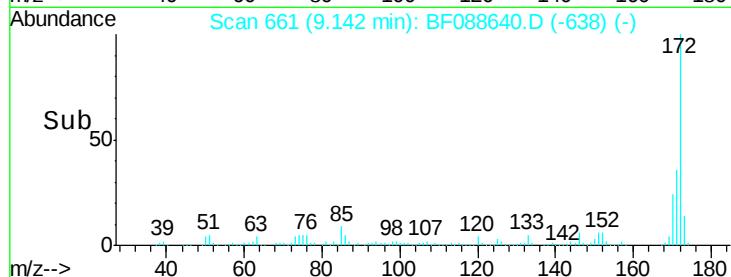
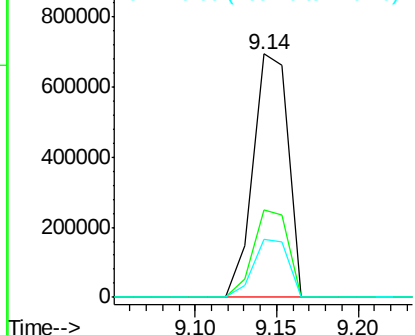
#44
 2-Fluorobiphenyl
 Concen: 85.40 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1033590
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 24.0 19.2 28.8

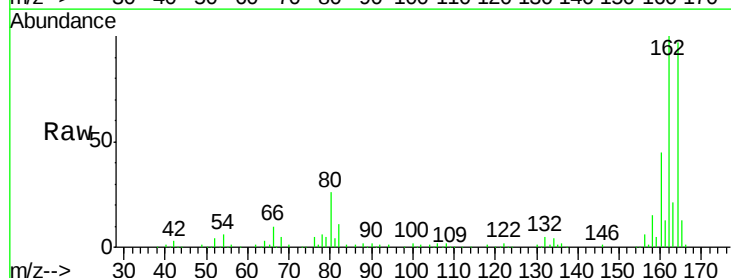


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

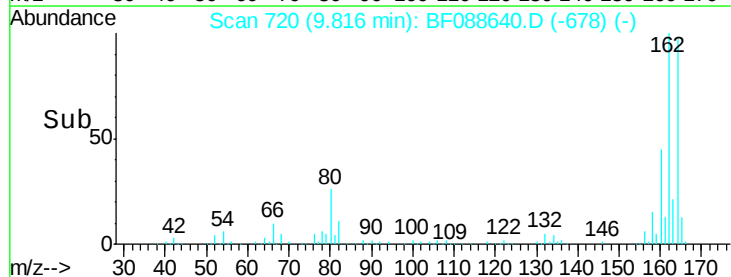
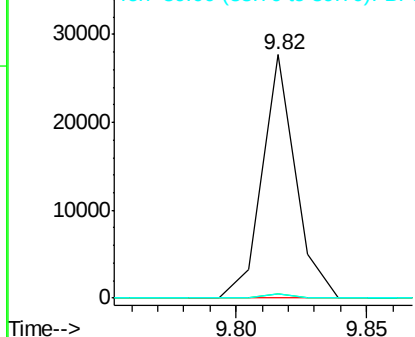


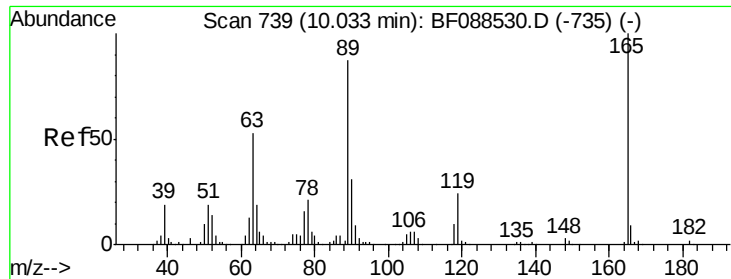
#50
 2,6-Dinitrotoluene
 Concen: 8.17 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.18 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

Tgt Ion:165 Resp: 24663
 Ion Ratio Lower Upper
 165 100
 63 1.7 28.1 42.1#
 89 1.9 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

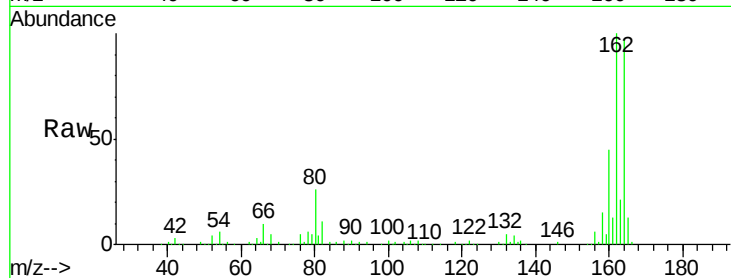




#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.22 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	1.9	41.1	61.7#
182	0.0	2.0	3.0#

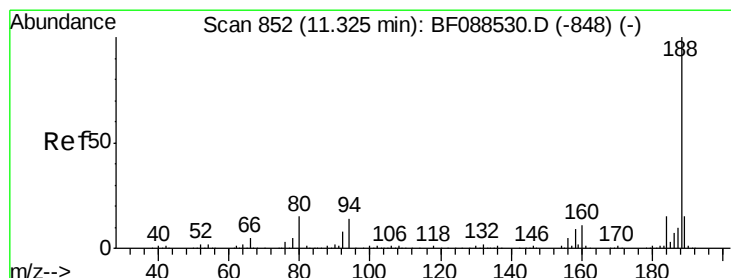
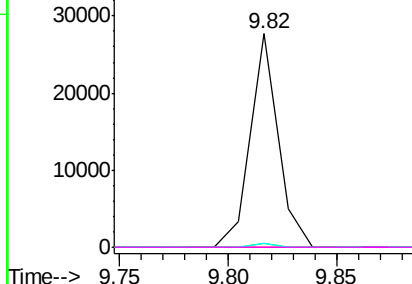
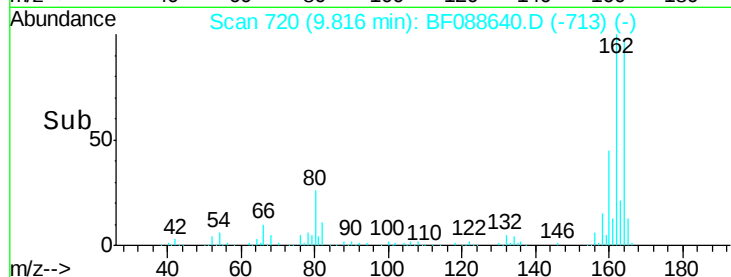


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

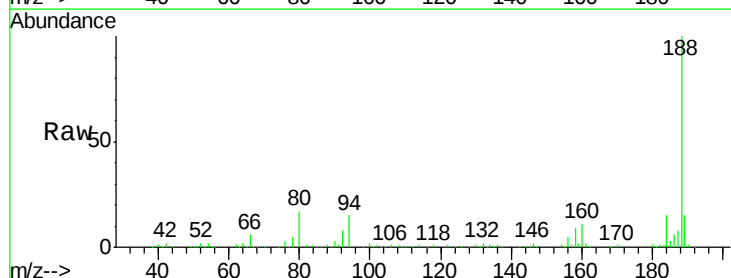
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

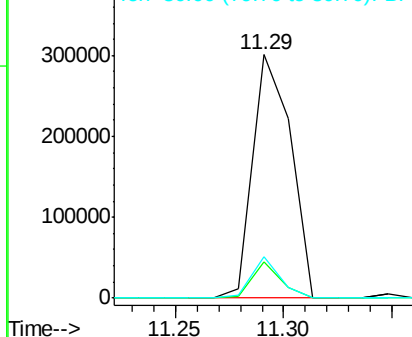
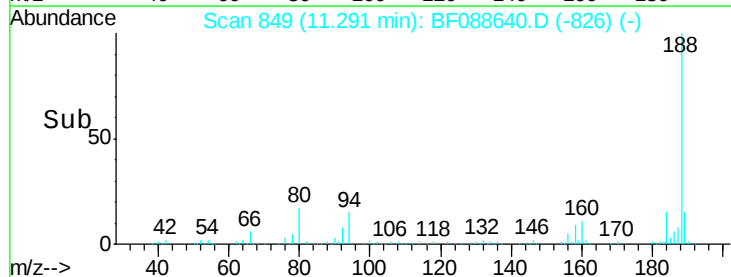
Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.8	9.0	13.6#
80	16.9	10.0	15.0#

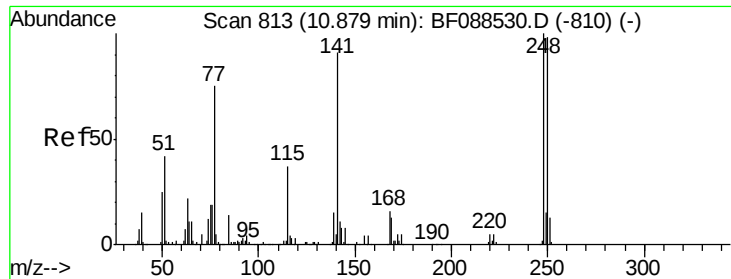


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

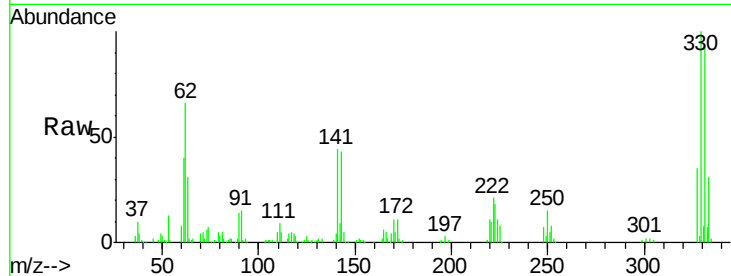




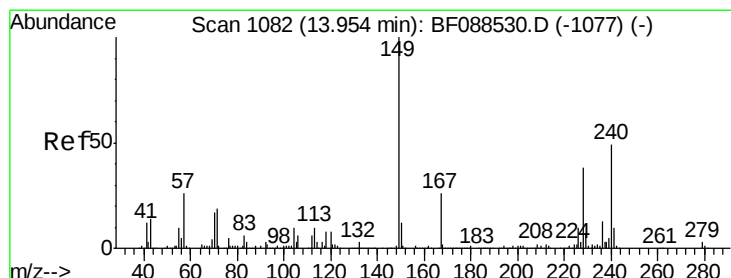
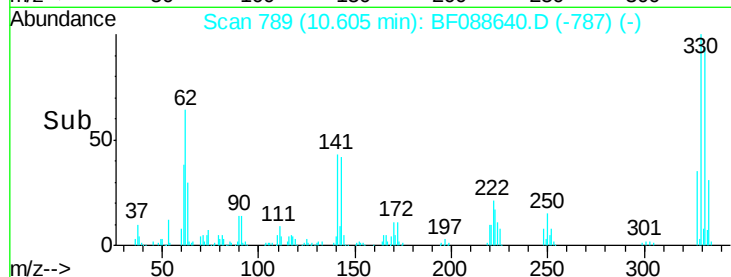
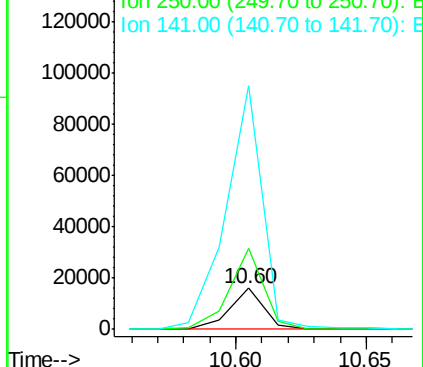
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088640.D
Acq: 3 Jul 2016 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14560
Ion Ratio Lower Upper
248 100
250 198.6 77.1 115.7#
141 592.9 50.6 76.0#

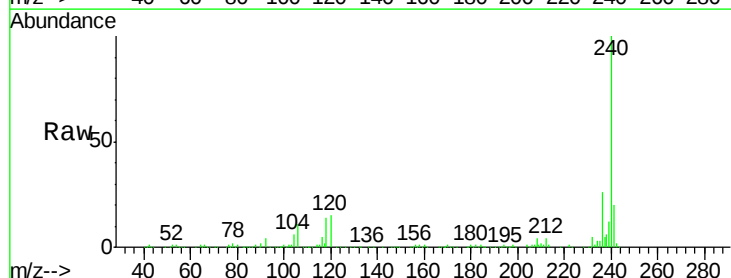


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

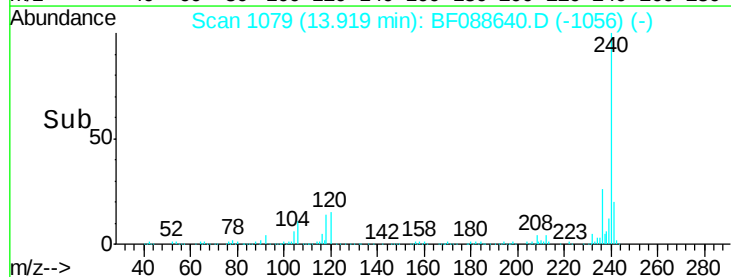
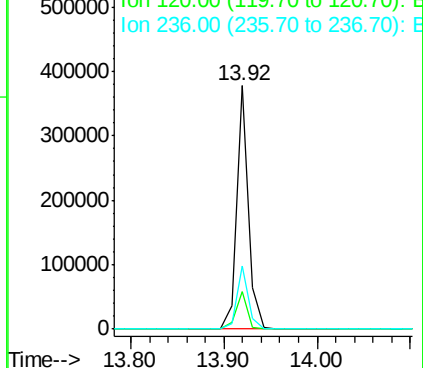


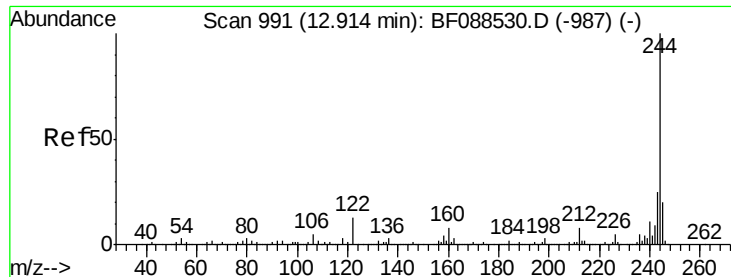
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088640.D
Acq: 3 Jul 2016 10:42

Tgt Ion:240 Resp: 332768
Ion Ratio Lower Upper
240 100
120 15.2 6.8 10.2#
236 26.2 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

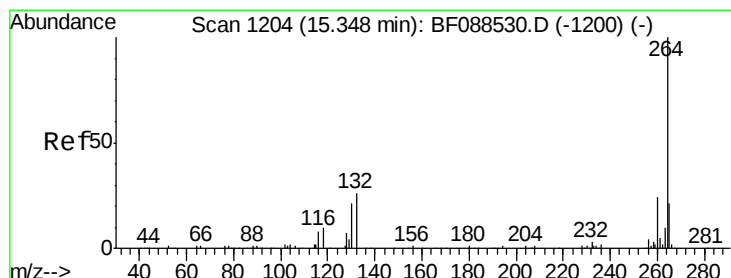
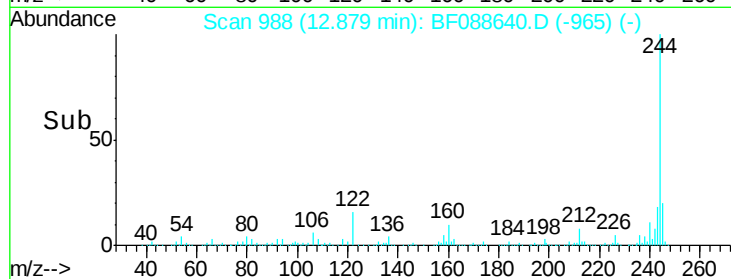
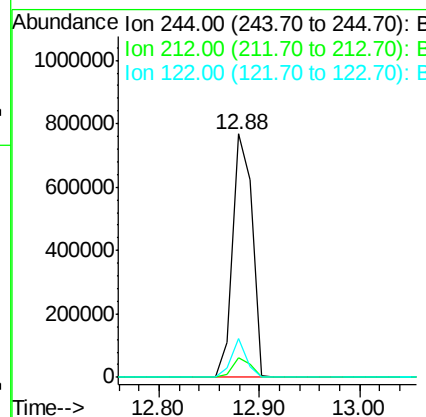
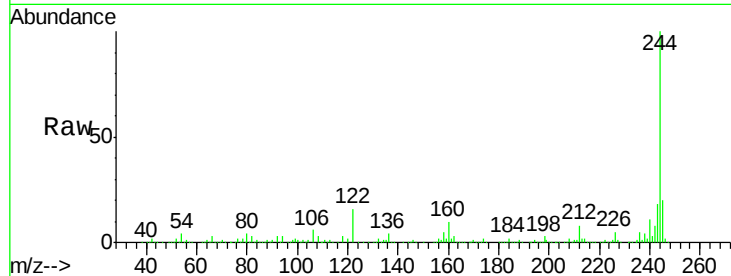




#78
 Terphenyl-d14
 Concen: 69.15 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1033046
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 16.0 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

Tgt Ion:264 Resp: 321135
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.7 16.9 25.3

