

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088648.D
 Acq On : 3 Jul 2016 14:35
 Operator : UM/SJ
 Sample : H3837-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:57:14 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

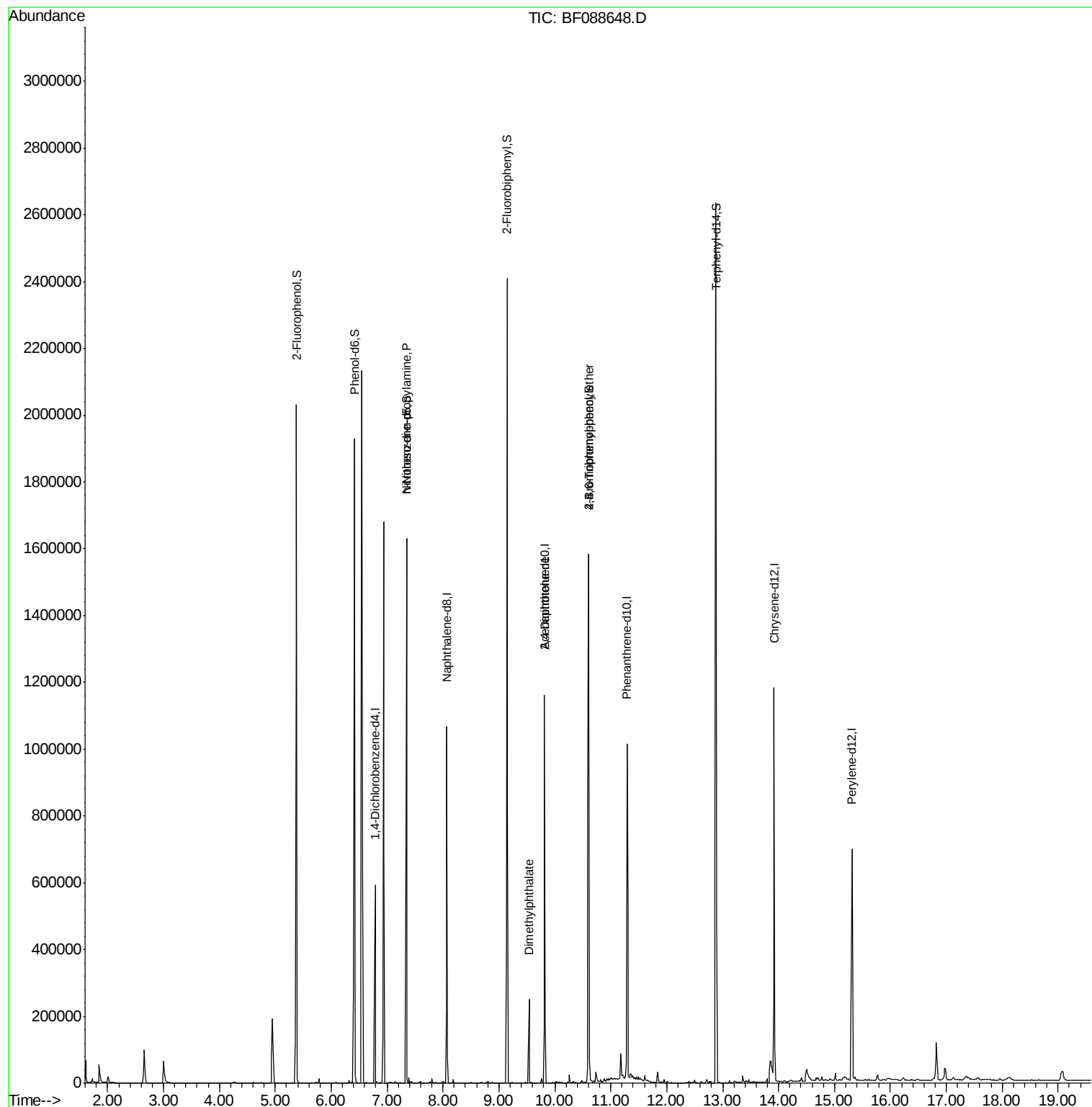
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111952	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	450701	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	212500	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	406193	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	353269	20.00	ng	-0.03
86) Perylene-d12	15.31	264	291251	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	688091	92.11	ng	-0.02
7) Phenol-d6	6.42	99	934945	96.86	ng	-0.02
23) Nitrobenzene-d5	7.35	82	587033	68.26	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	206401	104.60	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	837193	62.23	ng	-0.03
78) Terphenyl-d14	12.88	244	797502	50.28	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	79366	12.24	ng	# 71
49) Dimethylphthalate	9.54	163	127909	8.45	ng	98
56) 2,4-Dinitrotoluene	9.82	165	27367	6.24	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	14054	3.43	ng	# 1

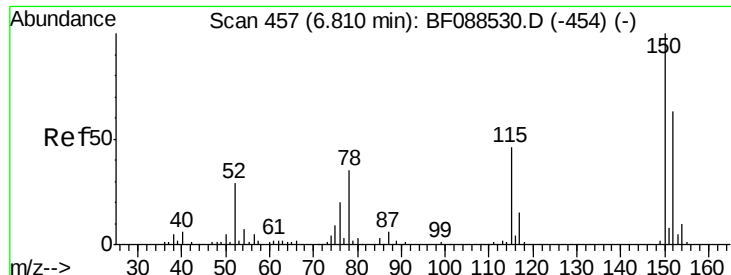
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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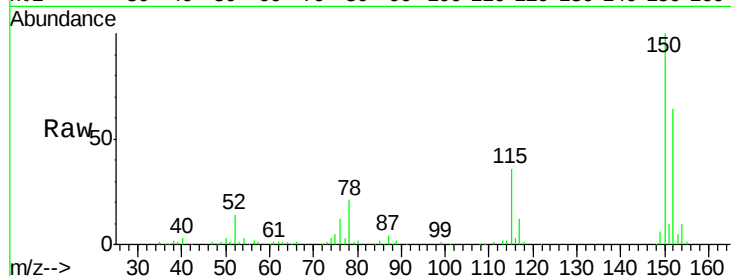


#1

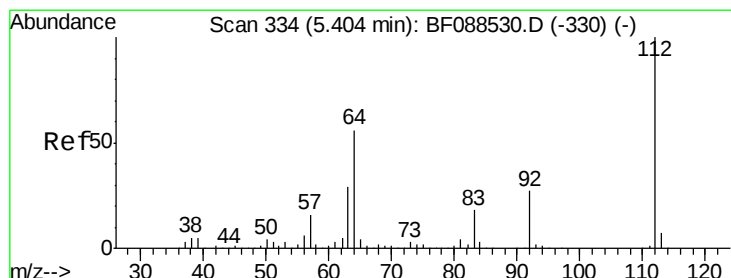
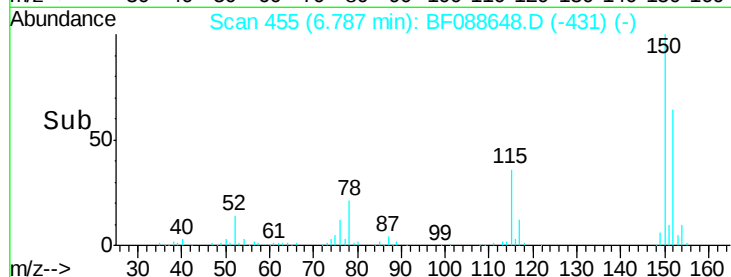
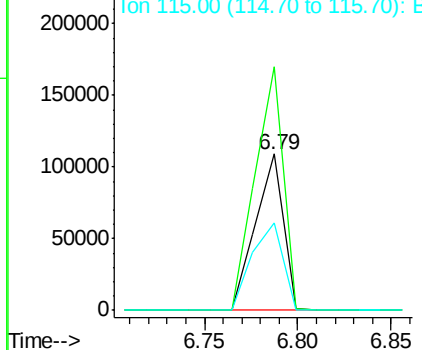
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088648.D
Acq: 3 Jul 2016 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111952
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 56.3 39.6 59.4



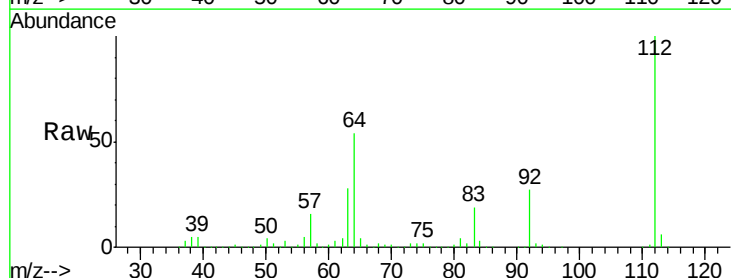
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



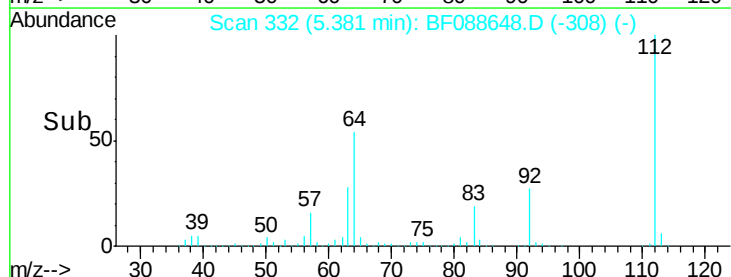
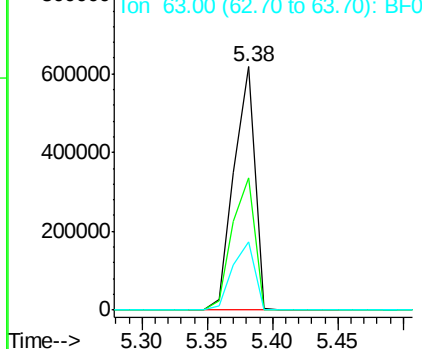
#5

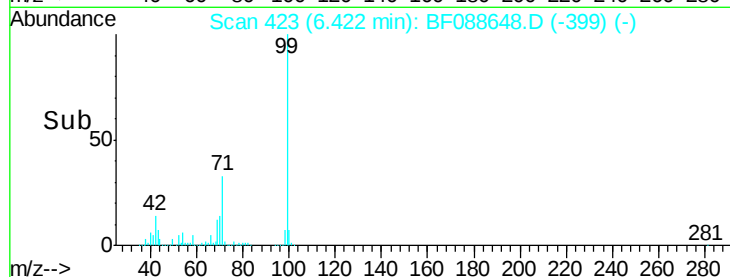
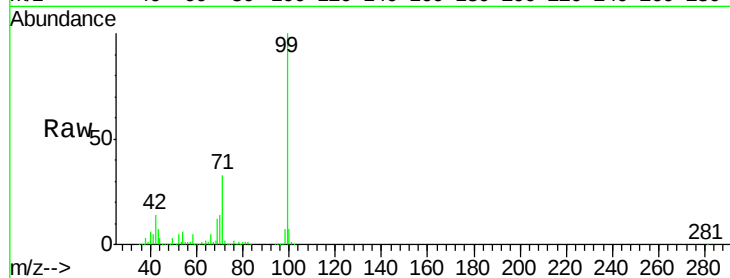
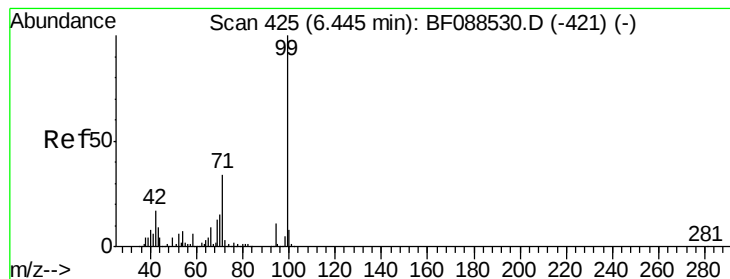
2-Fluorophenol
Concen: 92.11 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088648.D
Acq: 3 Jul 2016 14:35

Tgt Ion:112 Resp: 688091
Ion Ratio Lower Upper
112 100
64 54.4 42.2 63.2
63 28.1 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: 96.86 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088648.D

Acq: 3 Jul 2016 14:35

Instrument :

BNA_F

ClientSampled :

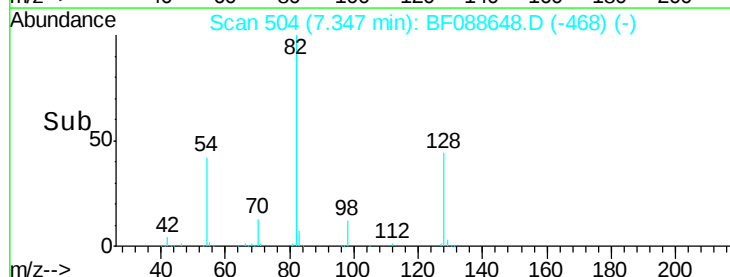
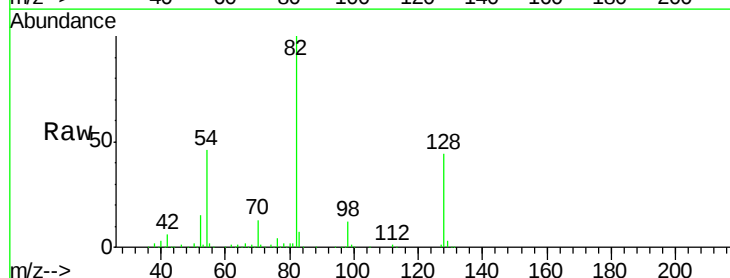
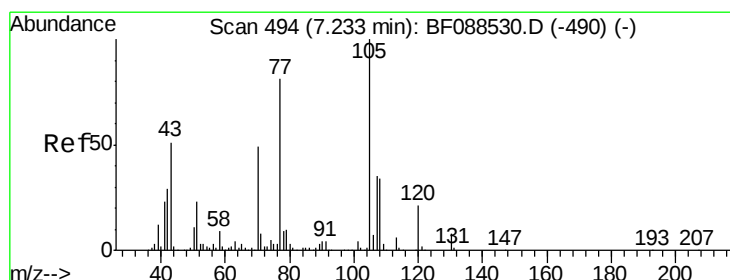
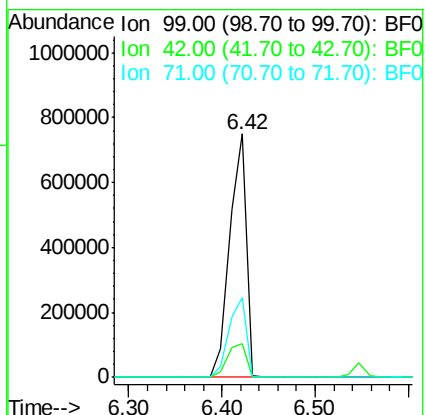
Tot Ion: 99 Resp: 934945

Ion Ratio Lower Upper

99 100

42 13.8 12.2 18.2

71 32.6 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.24 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088648.D

Acq: 3 Jul 2016 14:35

Tgt Ion: 70 Resp: 79366

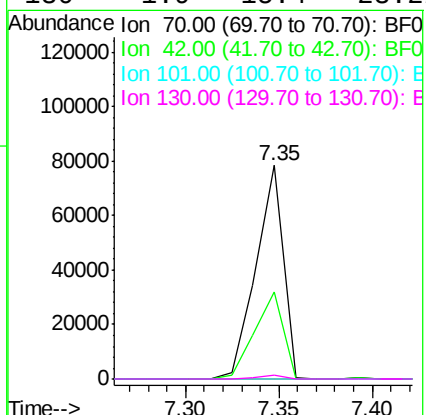
Ion Ratio Lower Upper

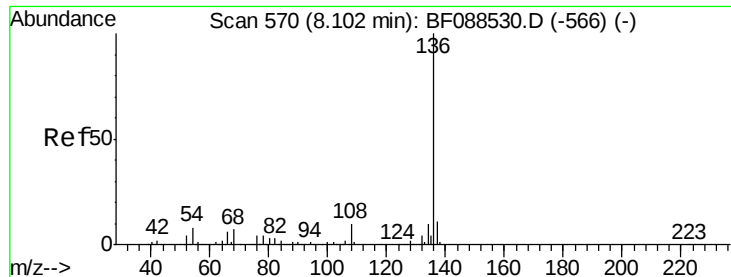
70 100

42 41.0 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

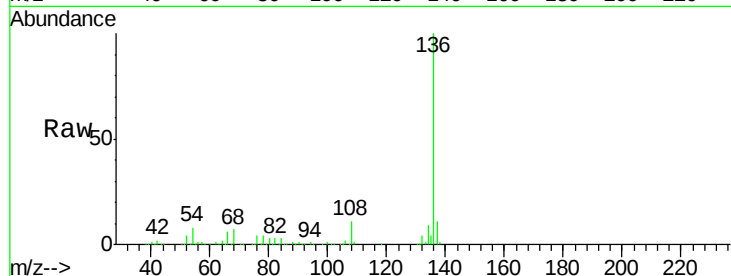




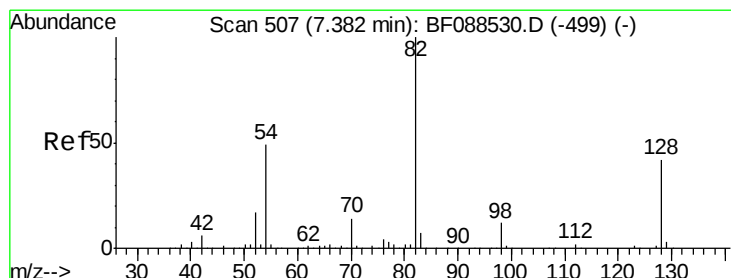
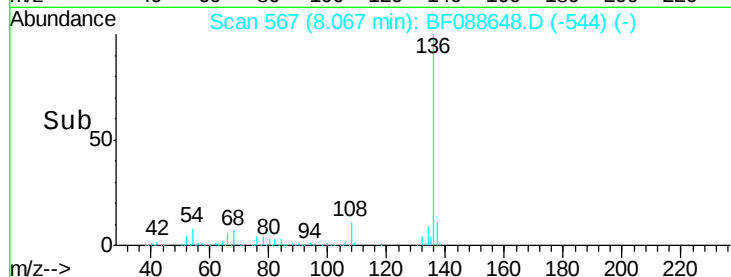
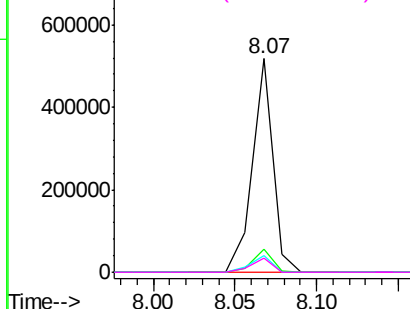
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088648.D
Acq: 3 Jul 2016 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	450701
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	8.0	6.6 10.0
68	6.6	5.1 7.7

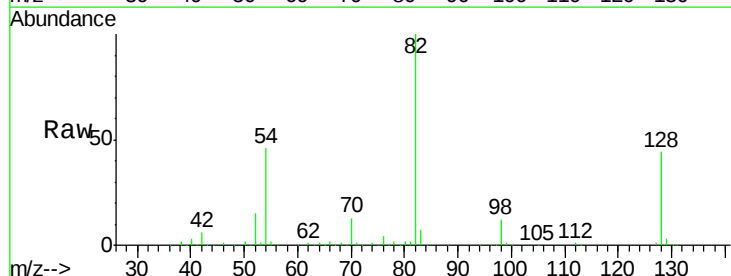


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

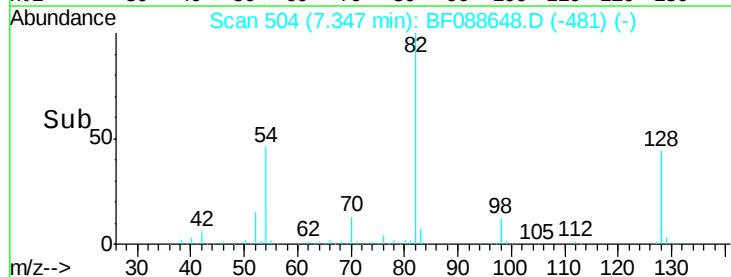
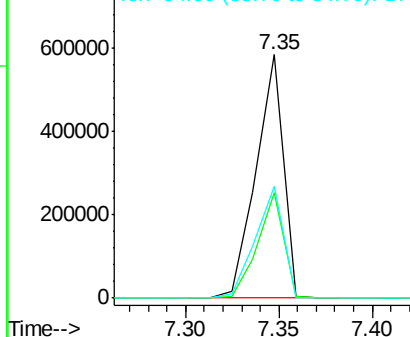


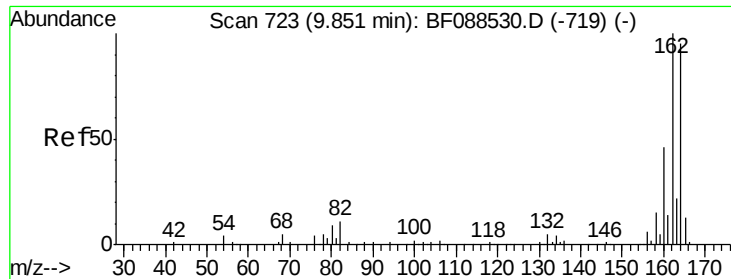
#23
Nitrobenzene-d5
Concen: 68.26 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088648.D
Acq: 3 Jul 2016 14:35

Tgt Ion: 82	Resp:	587033
Ion Ratio	Lower	Upper
82	100	
128	43.5	35.9 53.9
54	45.8	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

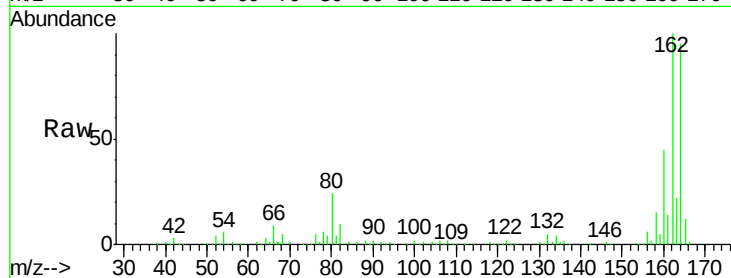




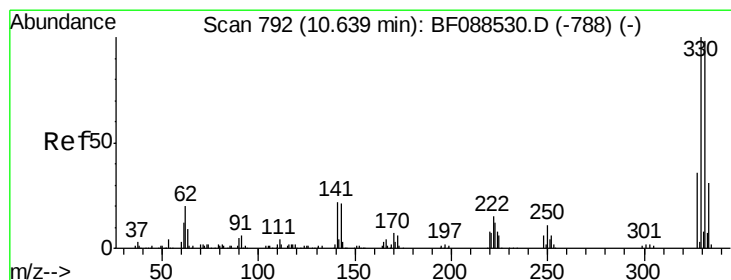
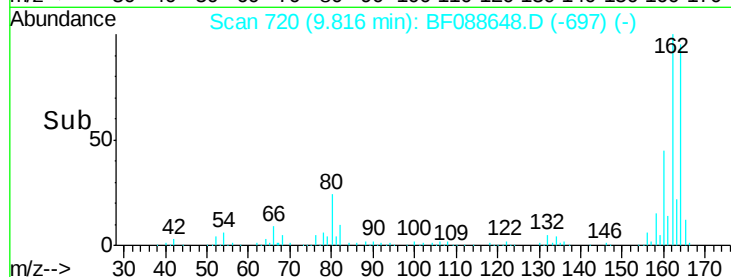
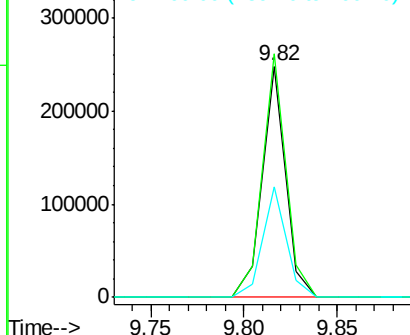
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088648.D
 Acq: 3 Jul 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 212500
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.4 128.2
 160 47.7 39.5 59.3

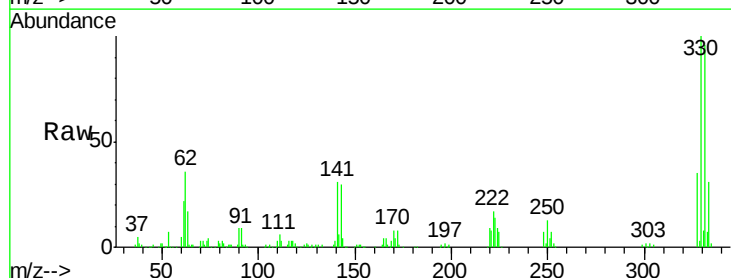


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

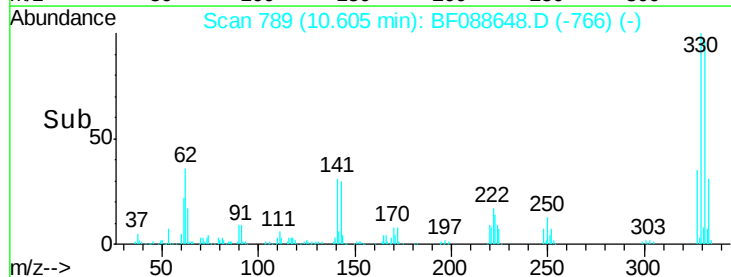
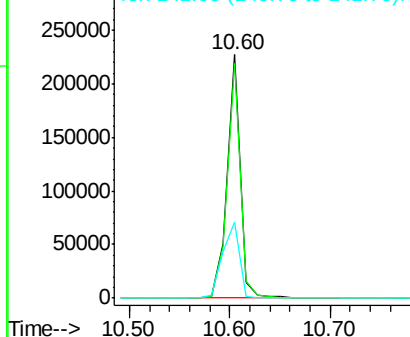


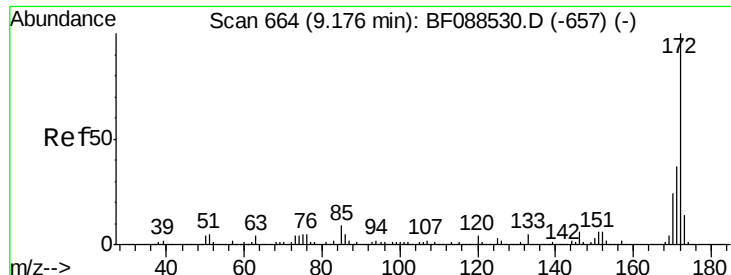
#41
 2,4,6-Tribromophenol
 Concen: 104.60 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088648.D
 Acq: 3 Jul 2016 14:35

Tgt Ion:330 Resp: 206401
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 40.4 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

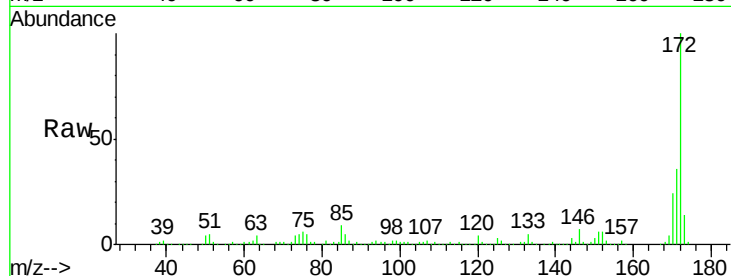




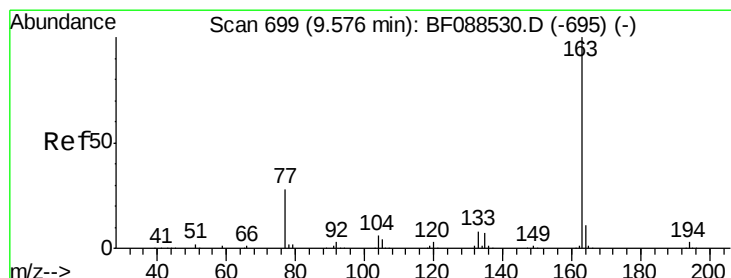
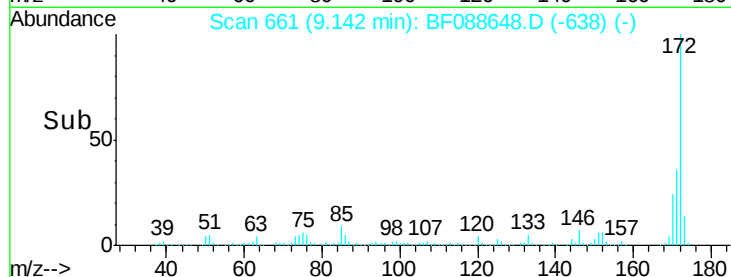
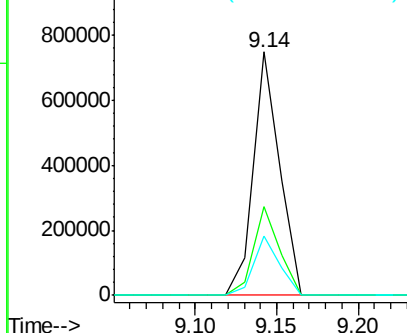
#44
2-Fluorobiphenyl
Concen: 62.23 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF088648.D
Acq: 3 Jul 2016 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 837193
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.4 19.2 28.8

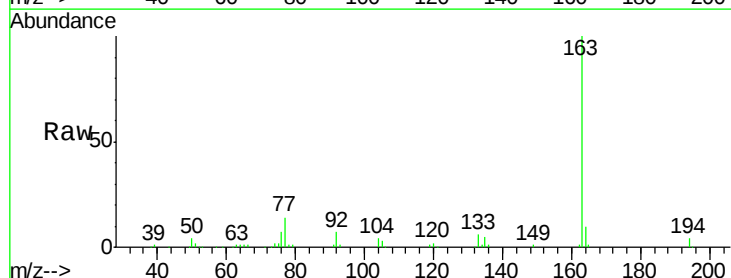


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

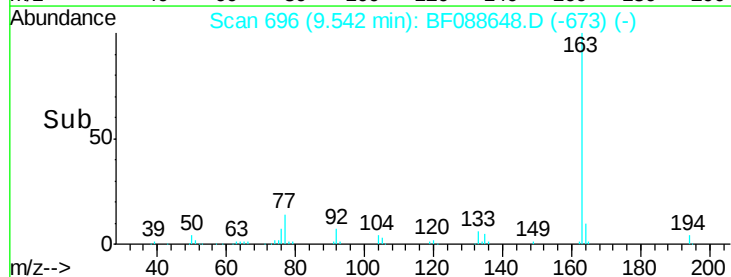
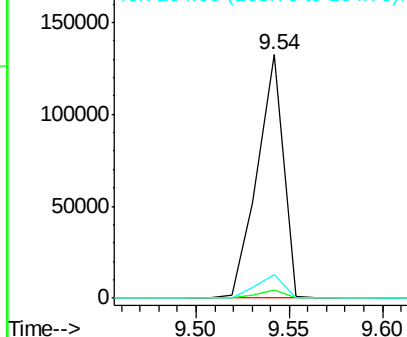


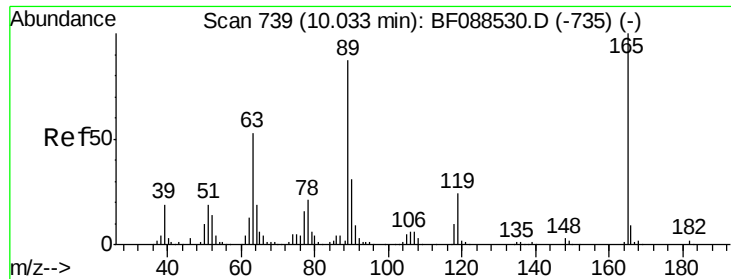
#49
Dimethylphthalate
Concen: 8.45 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088648.D
Acq: 3 Jul 2016 14:35

Tgt Ion:163 Resp: 127909
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.5 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

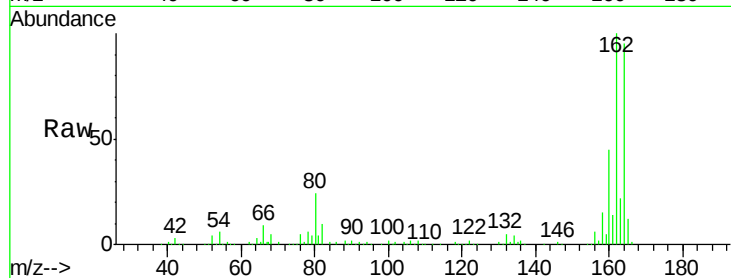




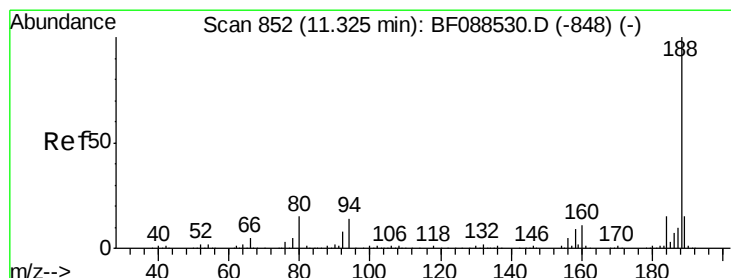
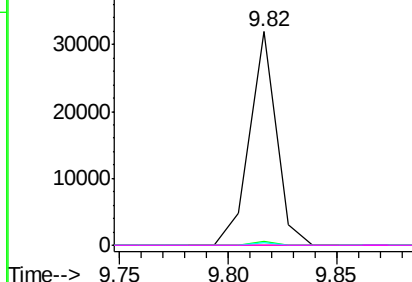
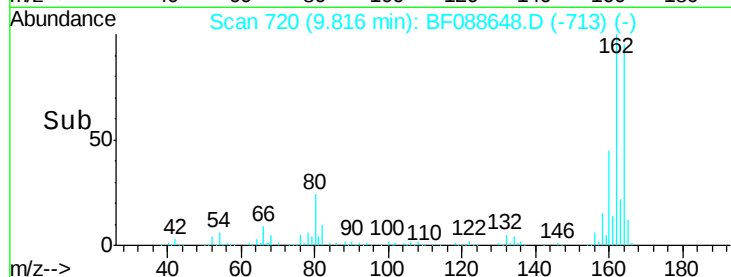
#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.22 min
 Lab File: BF088648.D
 Acq: 3 Jul 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 27367
 Ion Ratio Lower Upper
 165 100
 63 1.6 22.0 33.0#
 89 1.5 41.1 61.7#
 182 0.0 2.0 3.0#

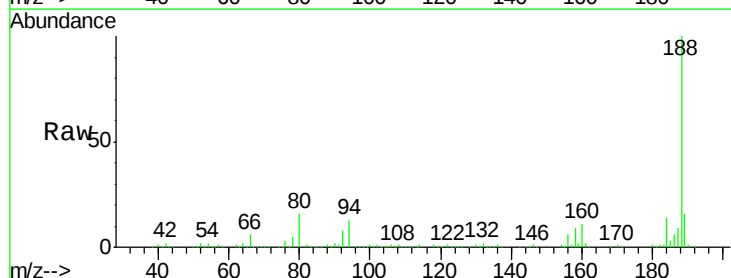


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

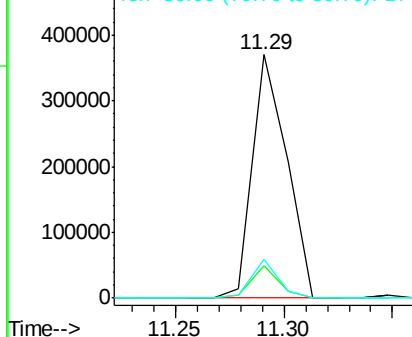
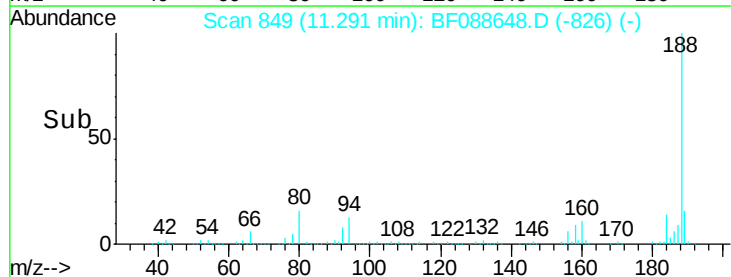


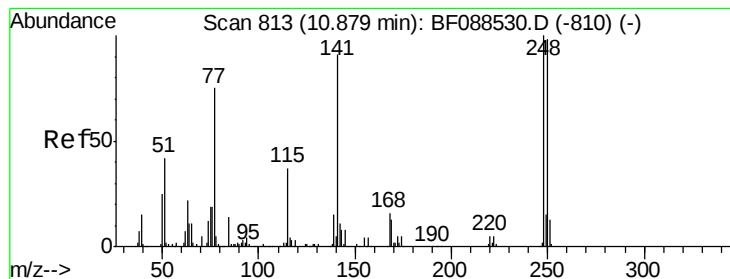
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BF088648.D
 Acq: 3 Jul 2016 14:35

Tgt Ion:188 Resp: 406193
 Ion Ratio Lower Upper
 188 100
 94 13.4 9.0 13.6
 80 15.7 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: 3.43 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.27 min

Lab File: BF088648.D

Acq: 3 Jul 2016 14:35

Instrument :

BNA_F

ClientSampleId :

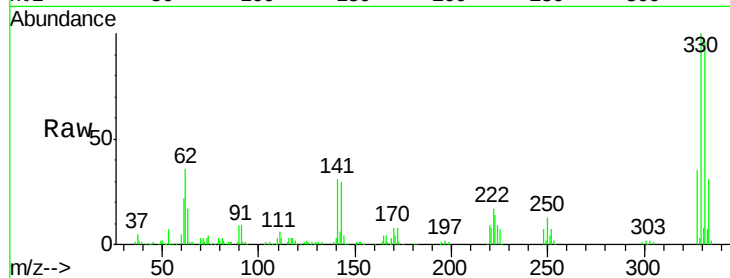
Tot Ion:248 Resp: 14054

Ion Ratio Lower Upper

248 100

250 198.7 77.1 115.7#

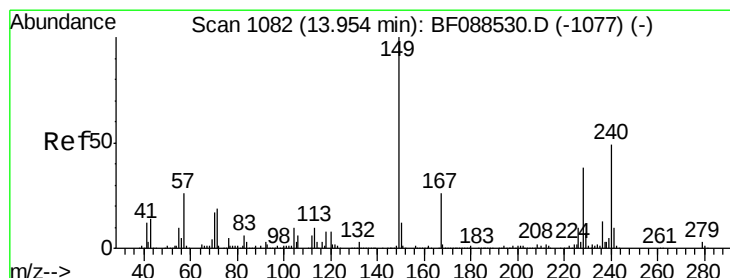
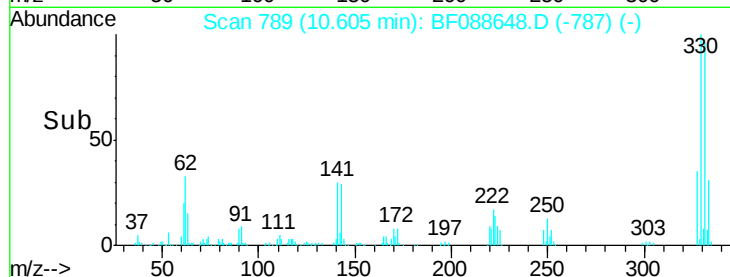
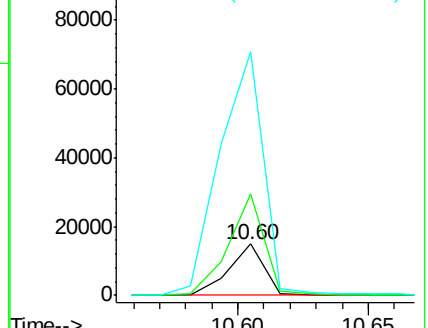
141 477.5 50.6 76.0#



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: BF088648.D

Acq: 3 Jul 2016 14:35

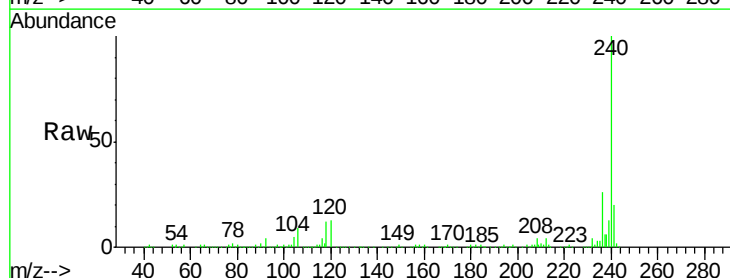
Tgt Ion:240 Resp: 353269

Ion Ratio Lower Upper

240 100

120 13.3 6.8 10.2#

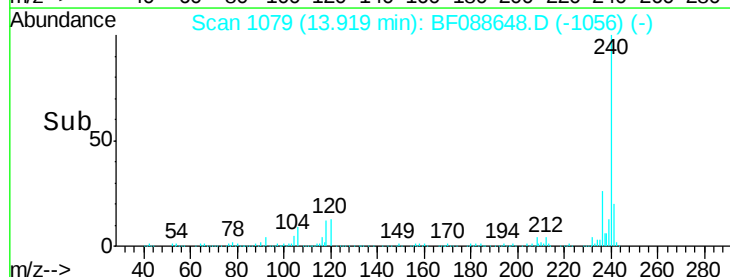
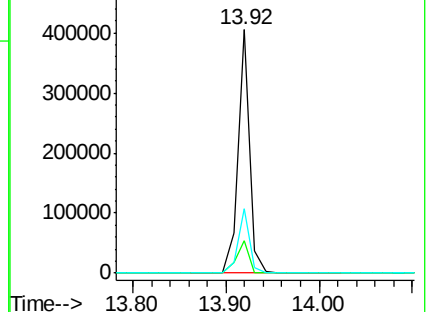
236 26.3 20.2 30.2

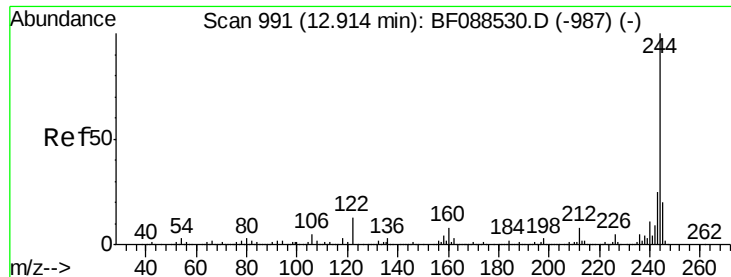


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

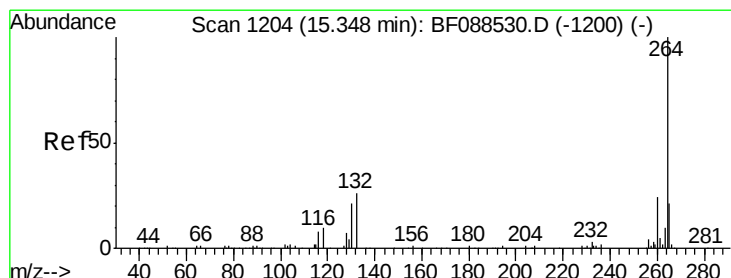
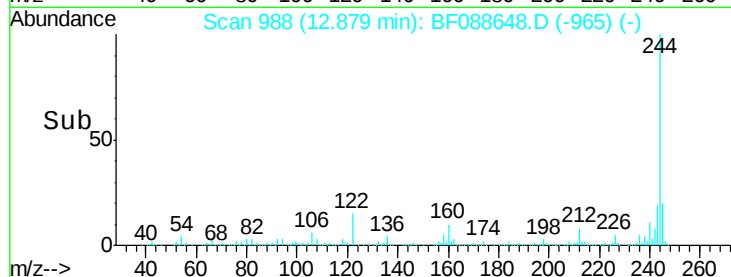
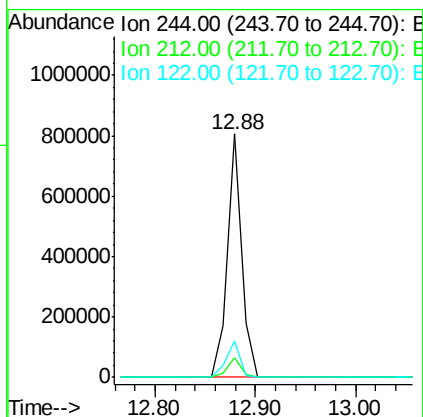
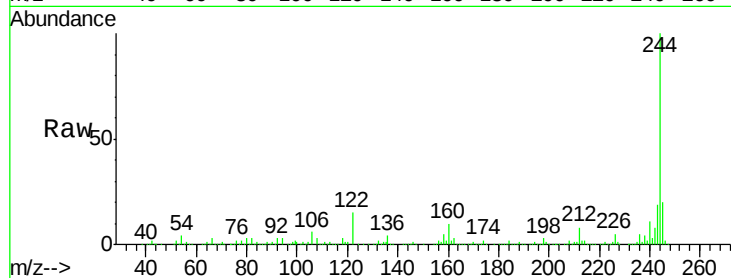




#78
 Terphenyl-d14
 Concen: 50.28 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088648.D
 Acq: 3 Jul 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 797502
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.1 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: BF088648.D
 Acq: 3 Jul 2016 14:35

Tgt Ion:264 Resp: 291251
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.1 16.9 25.3

