

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088649.D
 Acq On : 3 Jul 2016 15:04
 Operator : UM/SJ
 Sample : H3837-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:57:26 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

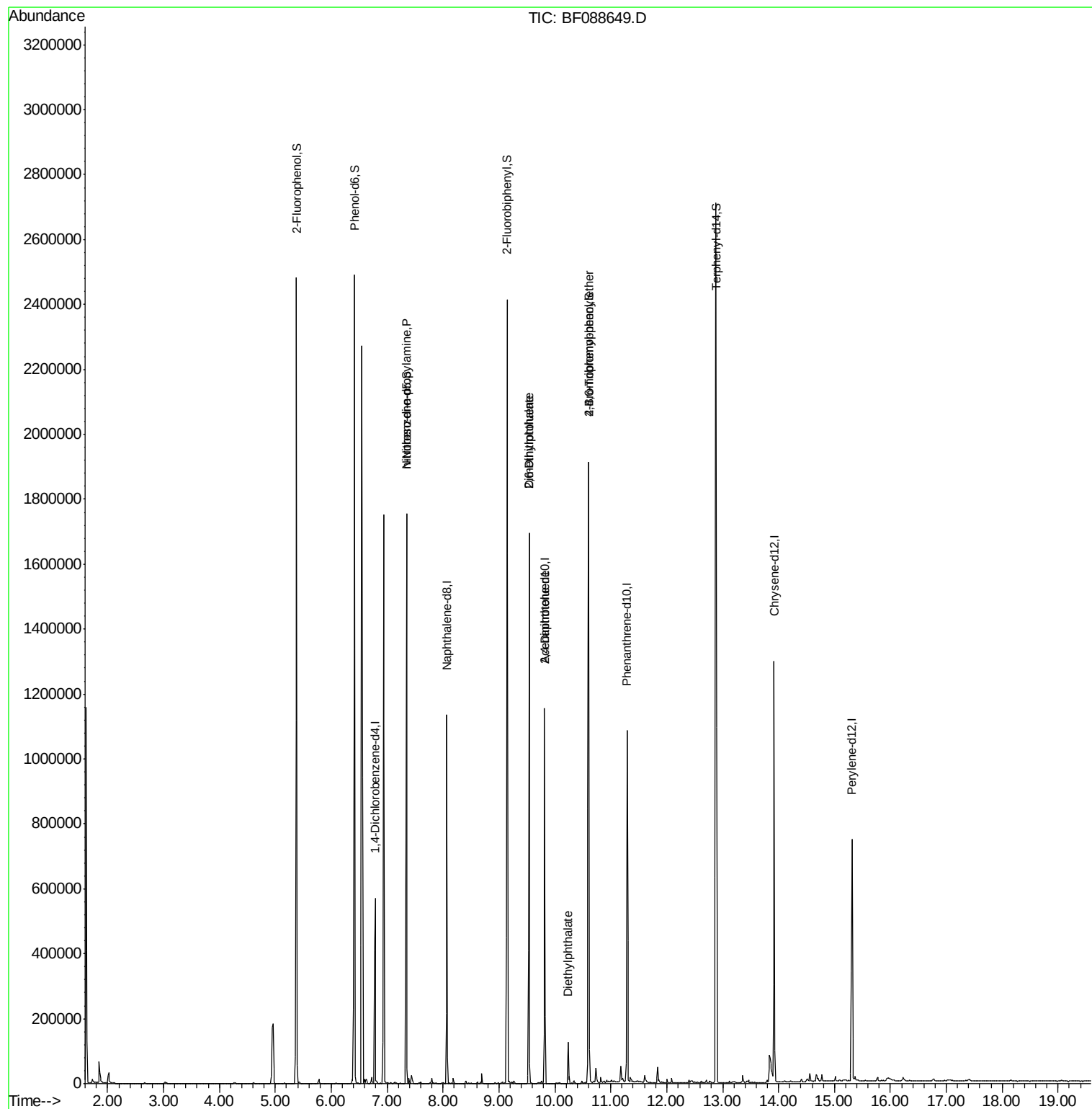
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111328	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	471313	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	212514	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	417109	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	370955	20.00	ng	-0.03
86) Perylene-d12	15.31	264	310161	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	716390	96.44	ng	-0.02
7) Phenol-d6	6.42	99	1017655	106.02	ng	-0.02
23) Nitrobenzene-d5	7.35	82	628482	69.88	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	225871	114.46	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1053119	78.28	ng	-0.03
78) Terphenyl-d14	12.88	244	982327	58.98	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	85244	13.22	ng	# 73
49) Dimethylphthalate	9.54	163	624687	41.26	ng	100
50) 2,6-Dinitrotoluene	9.54	165	6965	2.08	ng	# 1
56) 2,4-Dinitrotoluene	9.82	165	27391	6.24	ng	# 38
59) Diethylphthalate	10.24	149	42509	2.80	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	16851	4.01	ng	# 1

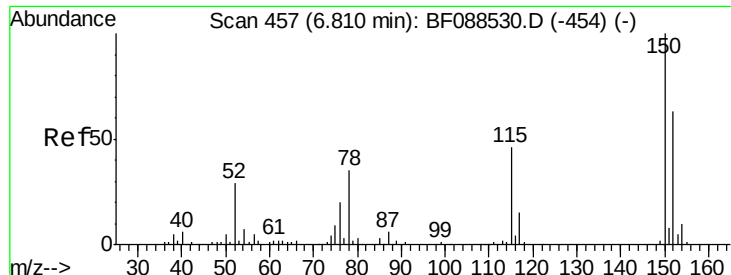
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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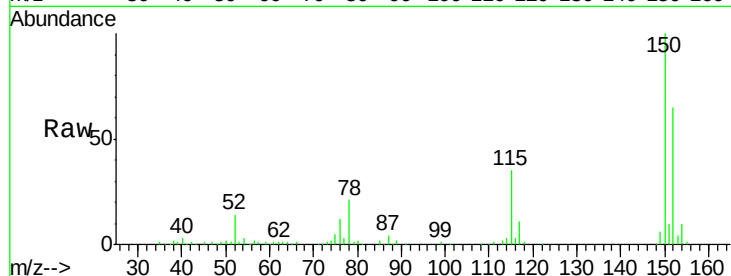


#1

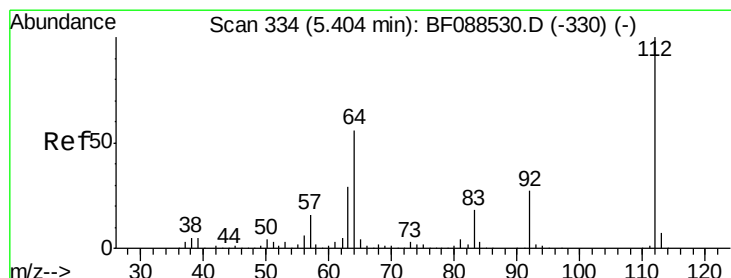
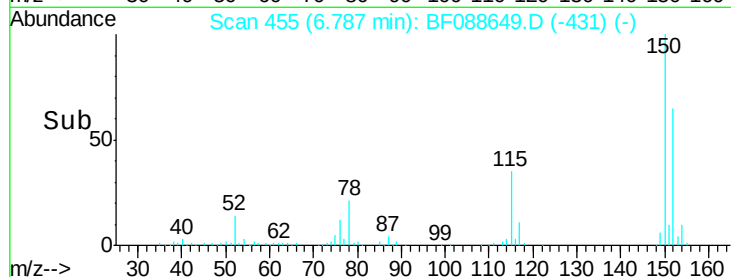
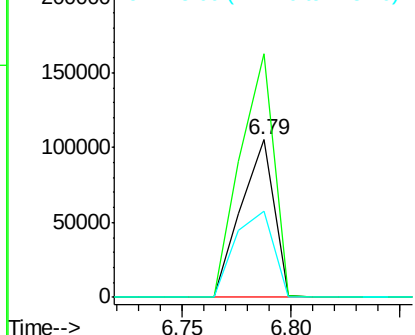
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088649.D
Acq: 3 Jul 2016 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 111328
Ion Ratio Lower Upper
152 100
150 154.6 123.8 185.6
115 54.6 39.6 59.4



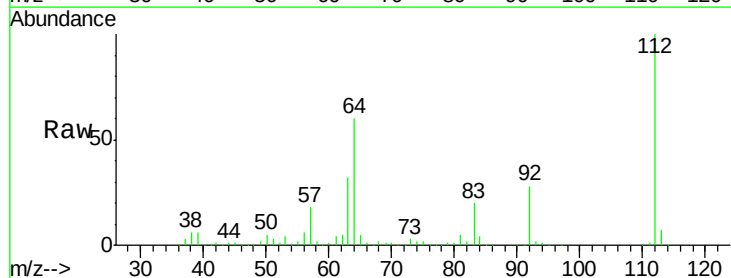
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



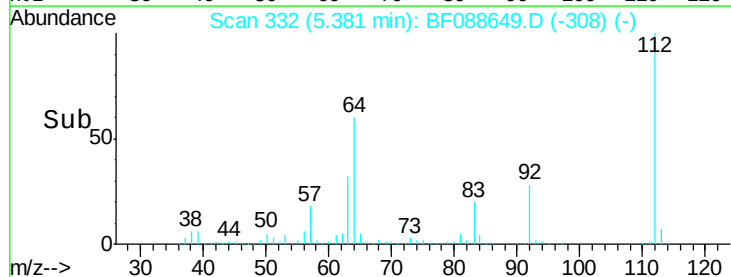
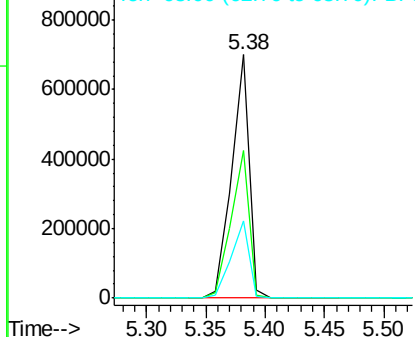
#5

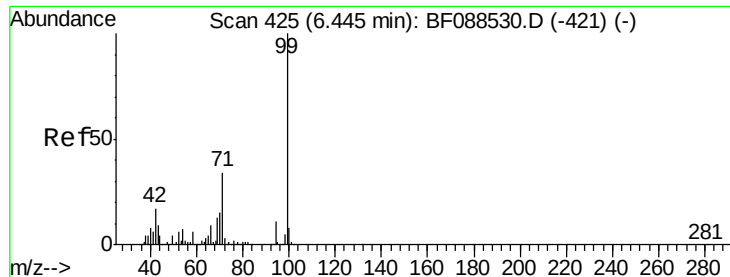
2-Fluorophenol
Concen: 96.44 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088649.D
Acq: 3 Jul 2016 15:04

Tgt Ion:112 Resp: 716390
Ion Ratio Lower Upper
112 100
64 60.4 42.2 63.2
63 31.7 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: 106.02 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088649.D

Acq: 3 Jul 2016 15:04

Instrument :

BNA_F

ClientSampleId :

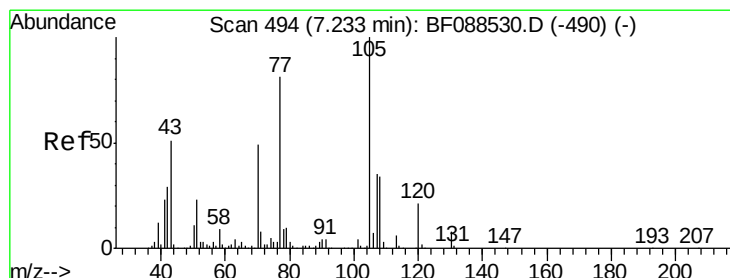
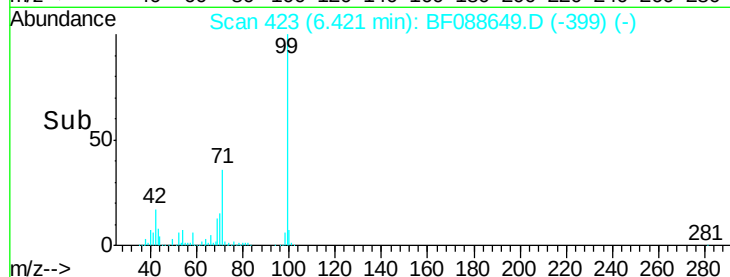
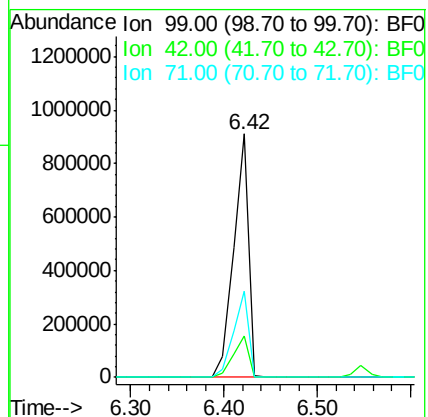
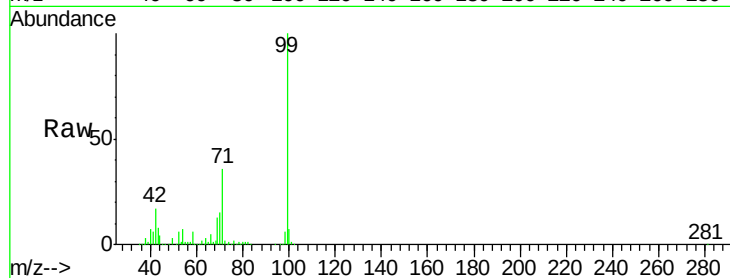
Tot Ion: 99 Resp: 1017655

Ion Ratio Lower Upper

99 100

42 17.1 12.2 18.2

71 35.6 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 13.22 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088649.D

Acq: 3 Jul 2016 15:04

Tgt Ion: 70 Resp: 85244

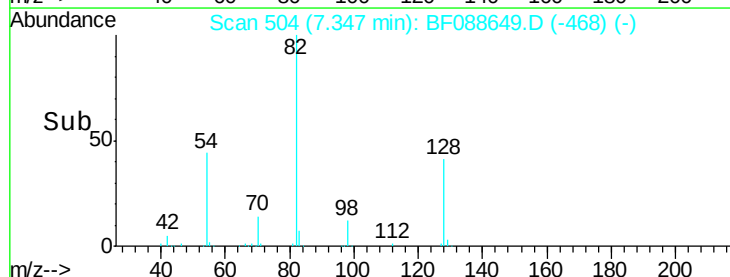
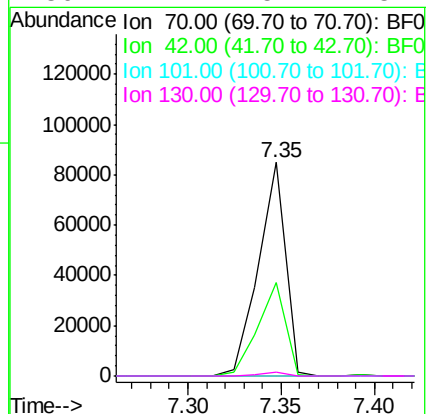
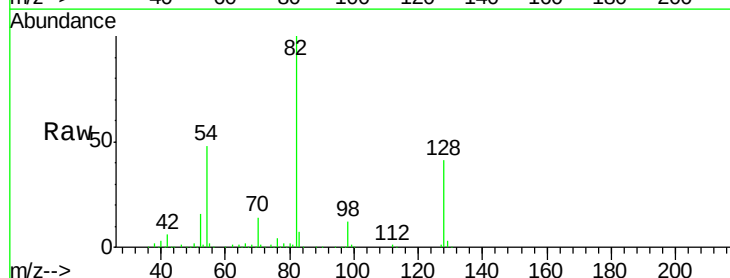
Ion Ratio Lower Upper

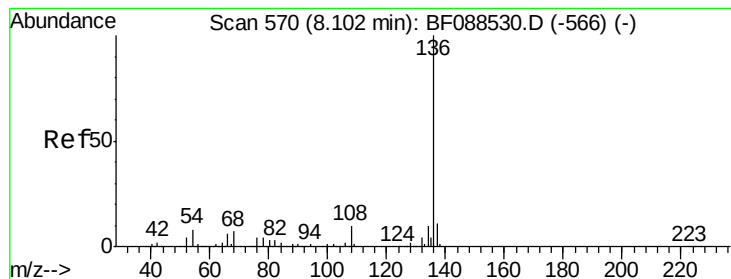
70 100

42 43.5 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: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088649.D

Acq: 3 Jul 2016 15:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 471313

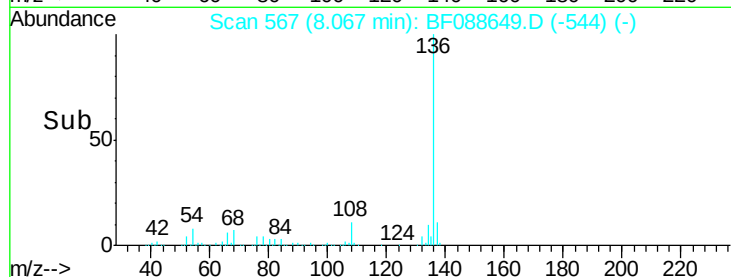
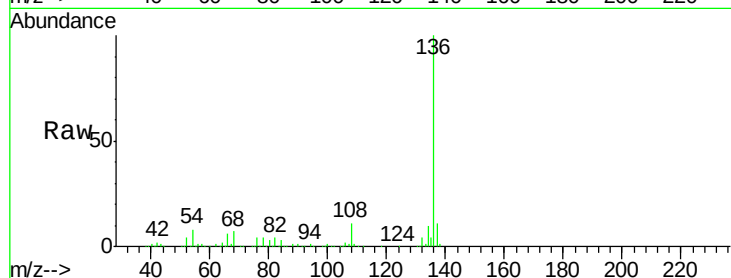
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.0 6.6 10.0

68 6.9 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

8.07

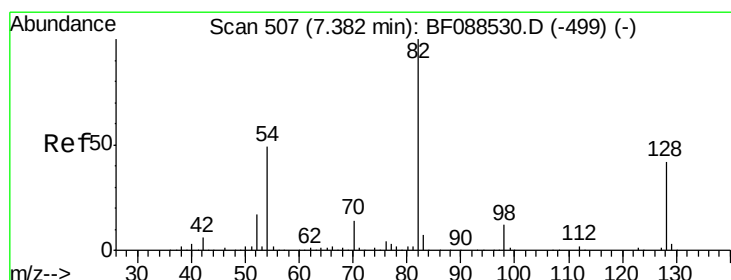
600000

400000

200000

0

Time-->



#23

Nitrobenzene-d5

Concen: 69.88 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088649.D

Acq: 3 Jul 2016 15:04

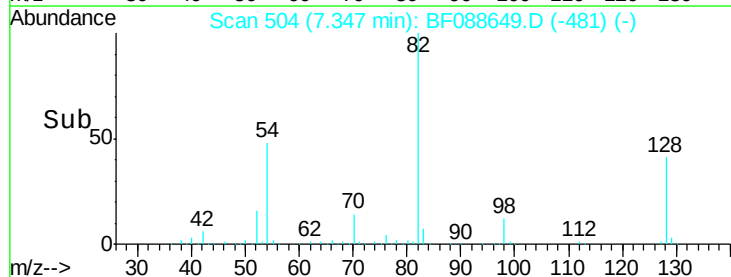
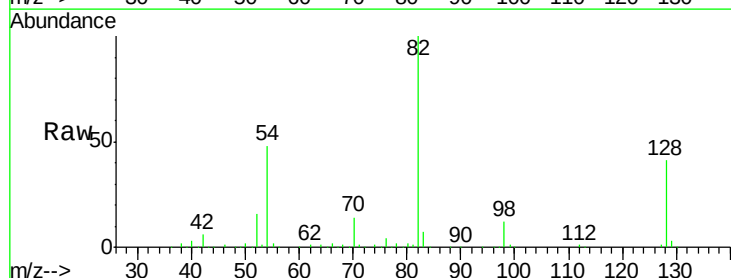
Tgt Ion: 82 Resp: 628482

Ion Ratio Lower Upper

82 100

128 41.4 35.9 53.9

54 48.1 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

7.35

800000

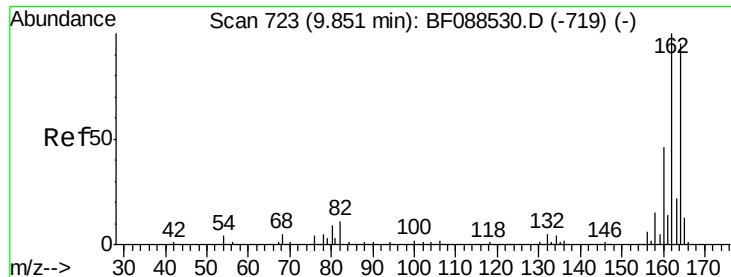
600000

400000

200000

0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088649.D

Acq: 3 Jul 2016 15:04

Instrument :

BNA_F

ClientSampleId :

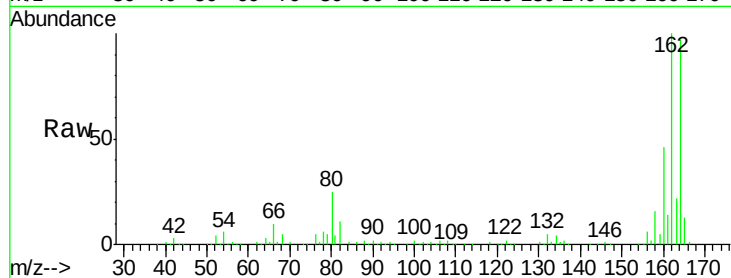
Tot Ion:164 Resp: 212514

Ion Ratio Lower Upper

164 100

162 103.5 85.4 128.2

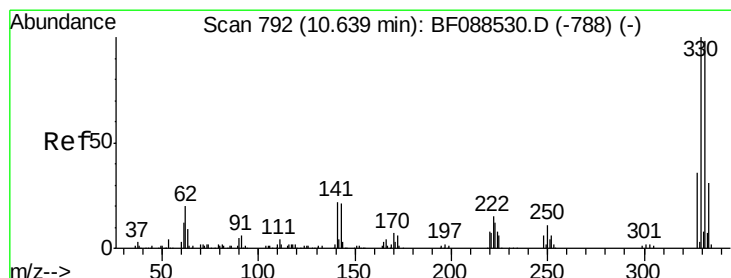
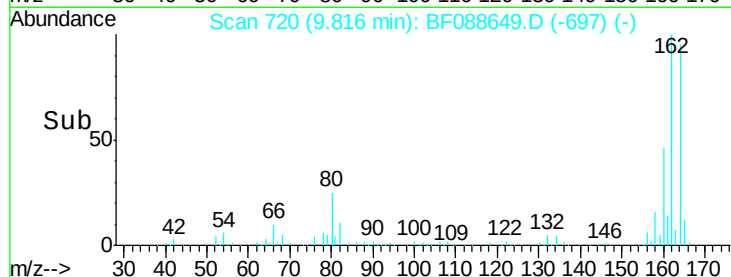
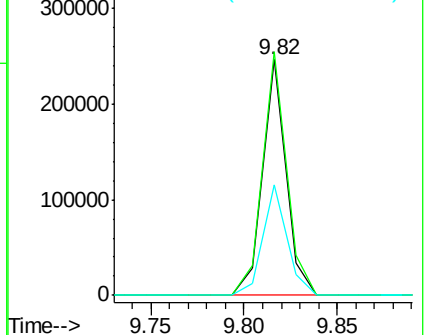
160 47.2 39.5 59.3



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: 114.46 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF088649.D

Acq: 3 Jul 2016 15:04

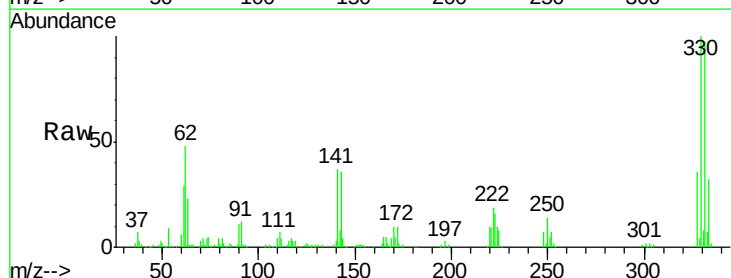
Tgt Ion:330 Resp: 225871

Ion Ratio Lower Upper

330 100

332 97.2 0.0 0.0#

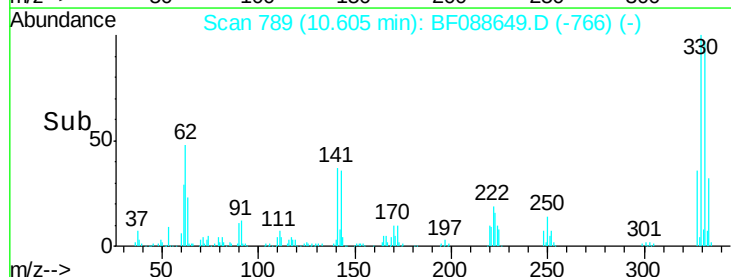
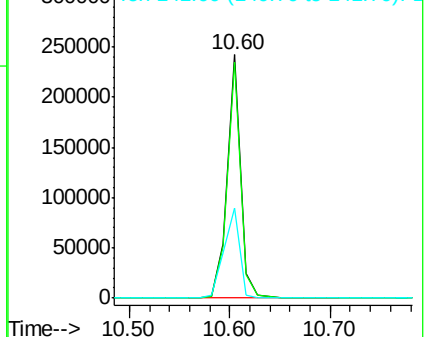
141 43.2 0.0 0.0#

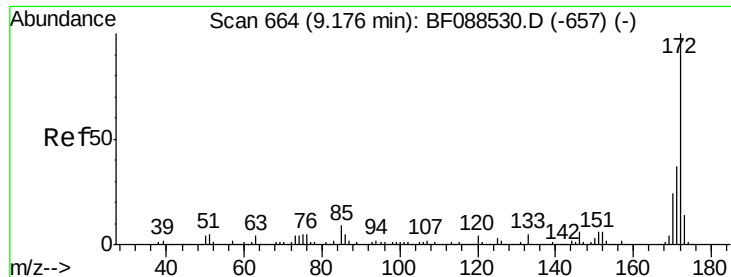


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

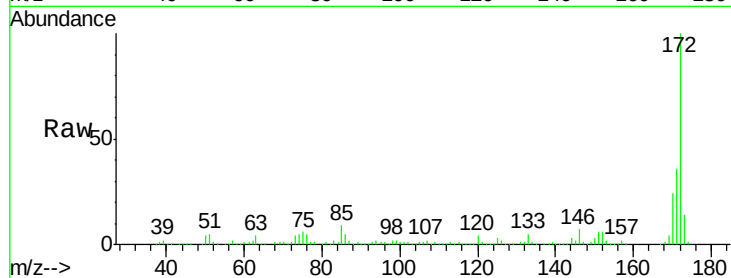




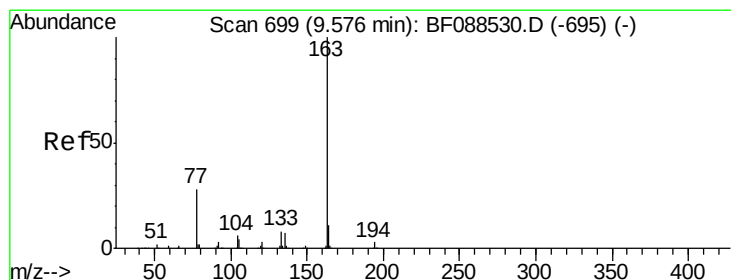
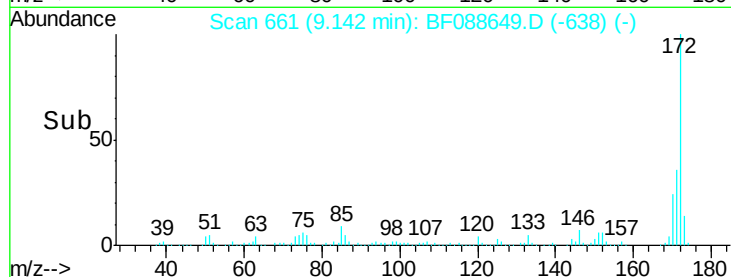
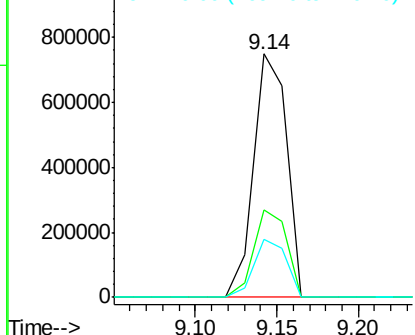
#44
2-Fluorobiphenyl
Concen: 78.28 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF088649.D
Acq: 3 Jul 2016 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1053119
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.2 28.8

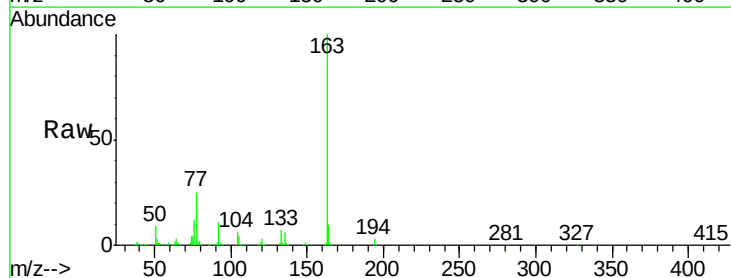


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

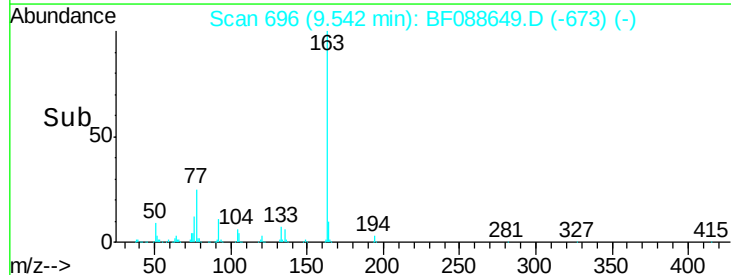
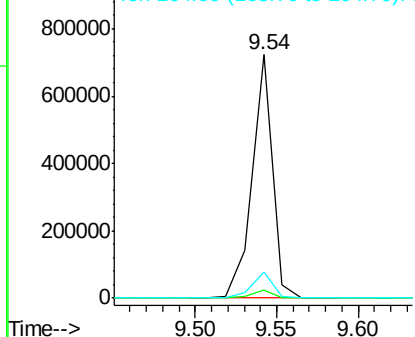


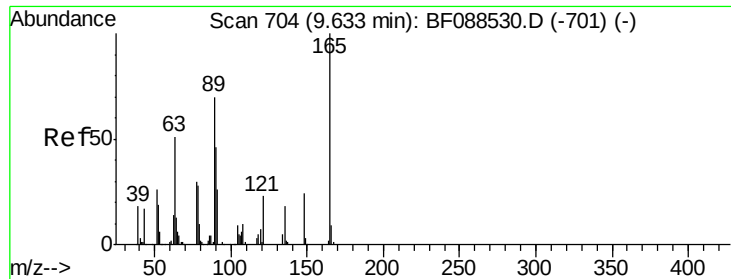
#49
Dimethylphthalate
Concen: 41.26 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088649.D
Acq: 3 Jul 2016 15:04

Tgt Ion:163 Resp: 624687
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.4 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: 2.08 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.09 min

Lab File: BF088649.D

Acq: 3 Jul 2016 15:04

Instrument :

BNA_F

ClientSampleId :

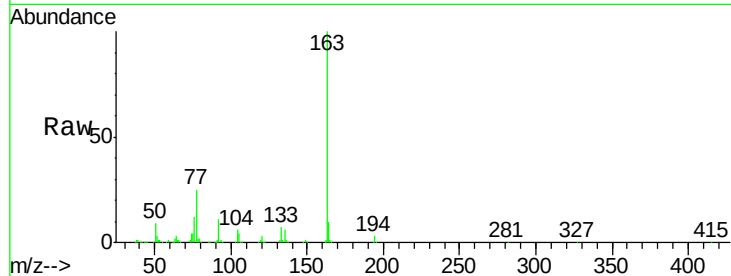
Tot Ion:165 Resp: 6965

Ion Ratio Lower Upper

165 100

63 169.0 28.1 42.1#

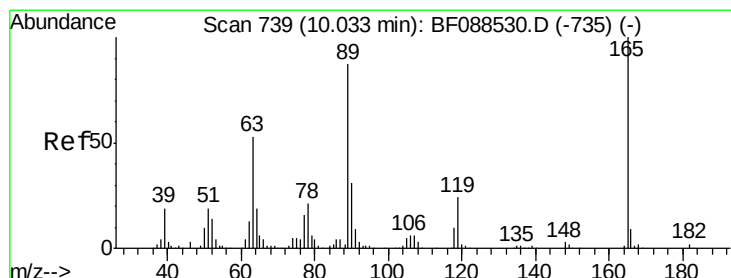
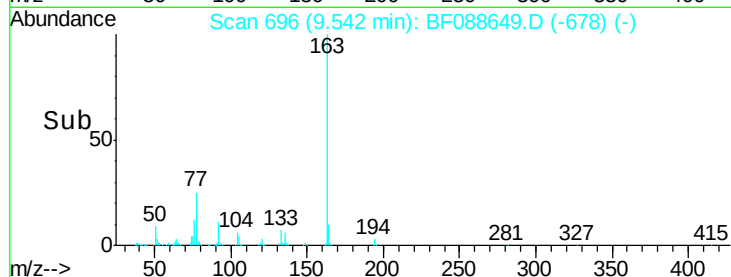
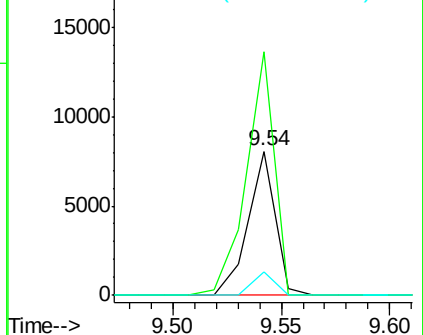
89 16.3 32.2 48.2#



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: 6.24 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.22 min

Lab File: BF088649.D

Acq: 3 Jul 2016 15:04

Tgt Ion:165 Resp: 27391

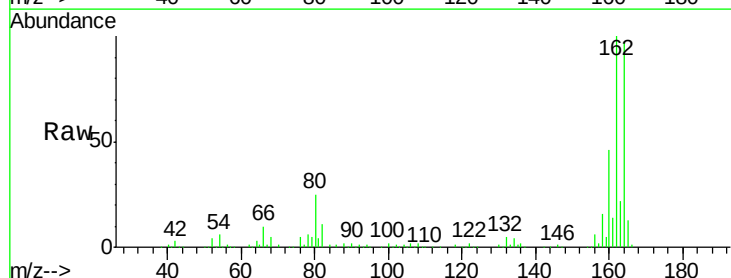
Ion Ratio Lower Upper

165 100

63 1.6 22.0 33.0#

89 2.0 41.1 61.7#

182 0.0 2.0 3.0#

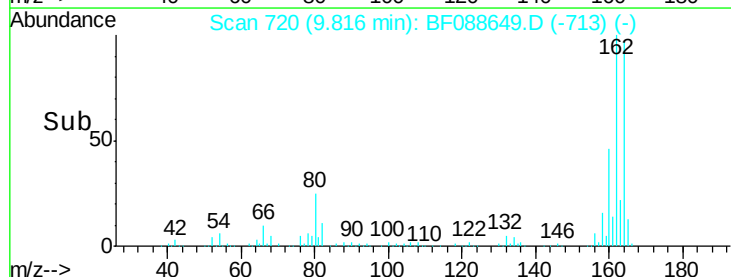
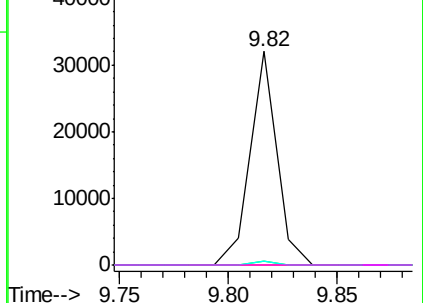


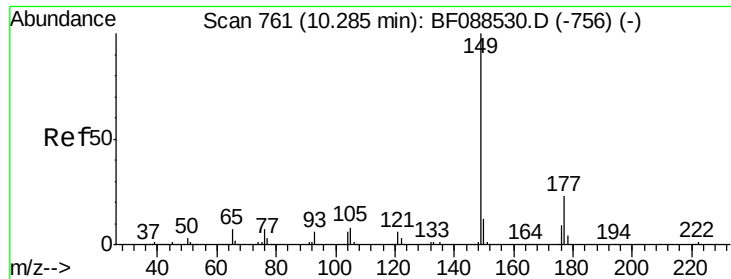
Abundance Ion 165.00 (164.70 to 165.70): E

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

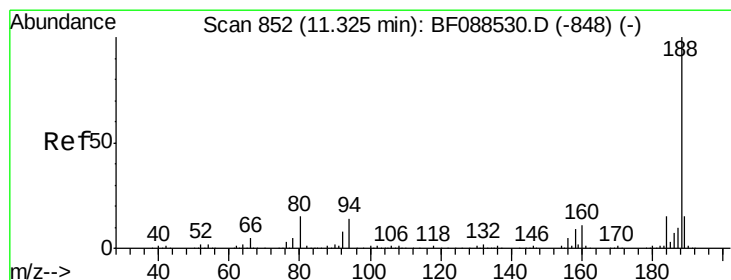
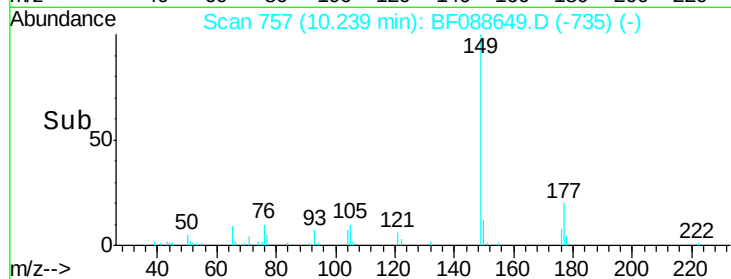
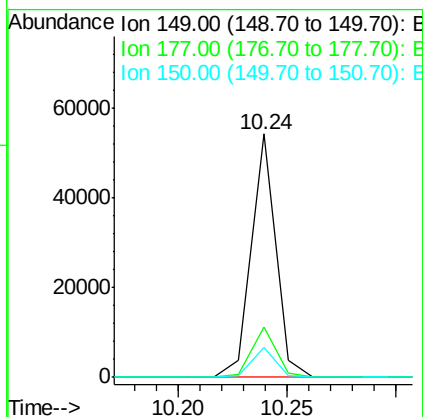
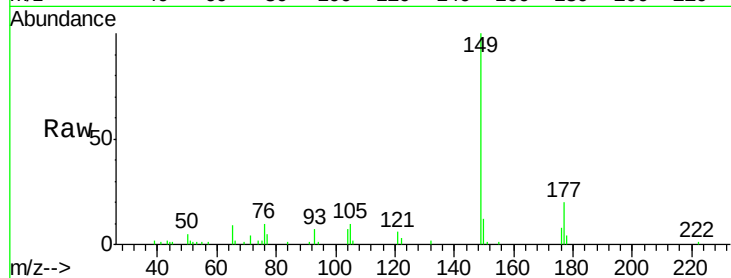




#59
Diethylphthalate
Concen: 2.80 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.05 min
Lab File: BF088649.D
Acq: 3 Jul 2016 15:04

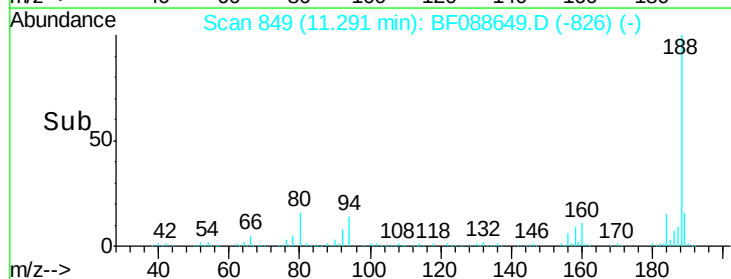
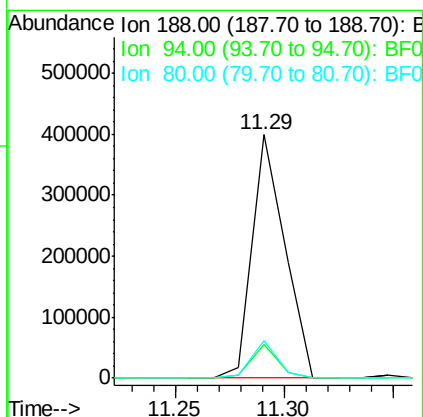
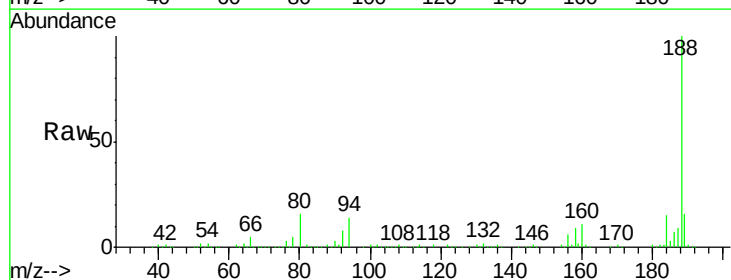
Instrument :
BNA_F
ClientSampleId :

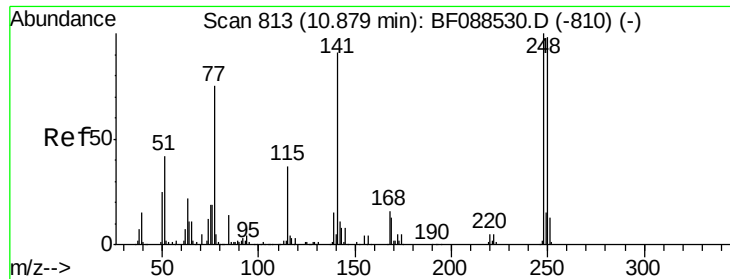
Tot Ion:149 Resp: 42509
Ion Ratio Lower Upper
149 100
177 20.4 16.9 25.3
150 12.2 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088649.D
Acq: 3 Jul 2016 15:04

Tgt Ion:188 Resp: 417109
Ion Ratio Lower Upper
188 100
94 13.7 9.0 13.6#
80 15.6 10.0 15.0#

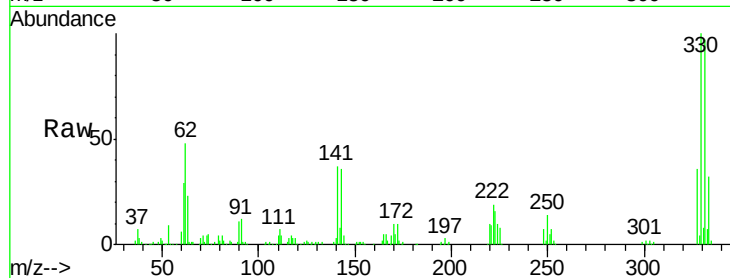




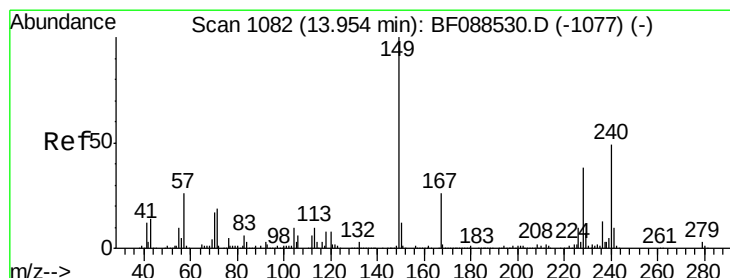
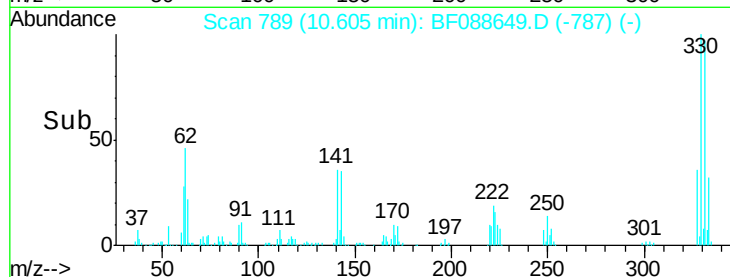
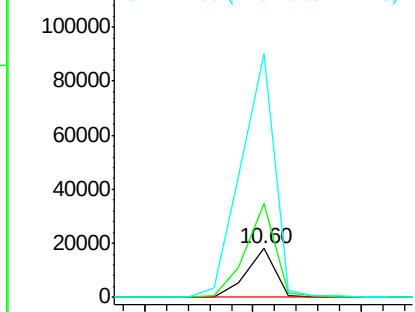
#66
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088649.D
Acq: 3 Jul 2016 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16851
Ion Ratio Lower Upper
248 100
250 191.5 77.1 115.7#
141 498.7 50.6 76.0#

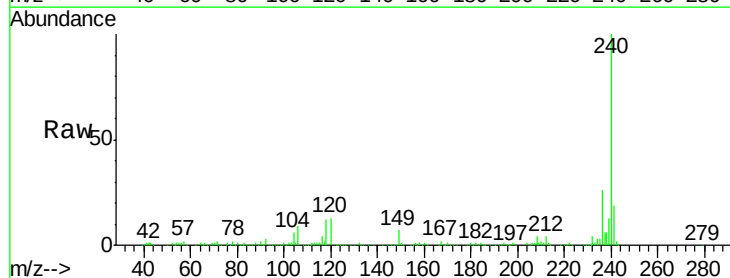


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

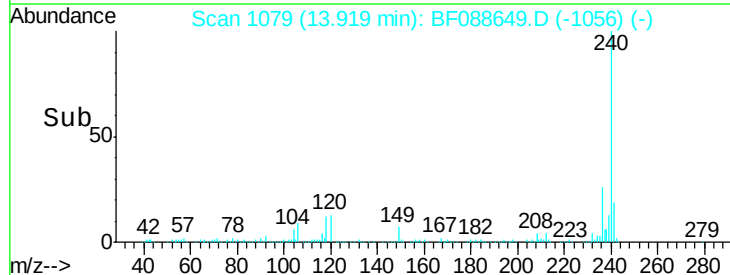
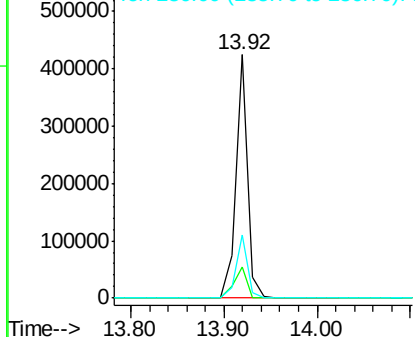


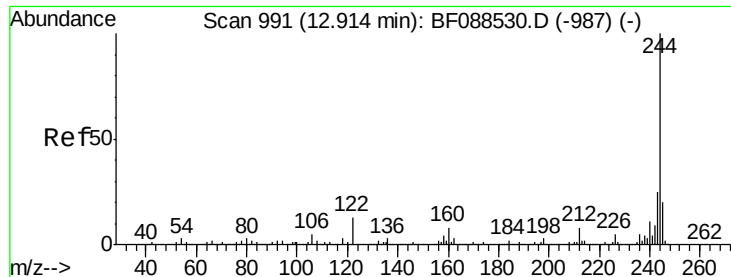
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088649.D
Acq: 3 Jul 2016 15:04

Tgt Ion:240 Resp: 370955
Ion Ratio Lower Upper
240 100
120 12.8 6.8 10.2#
236 26.1 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

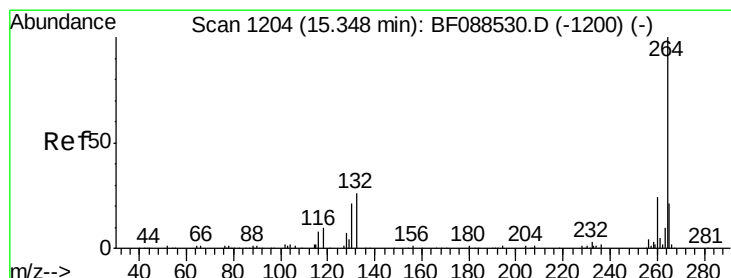
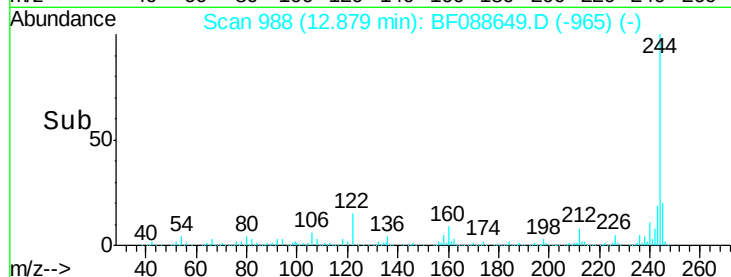
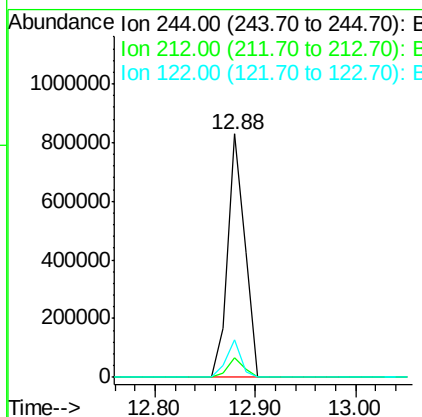
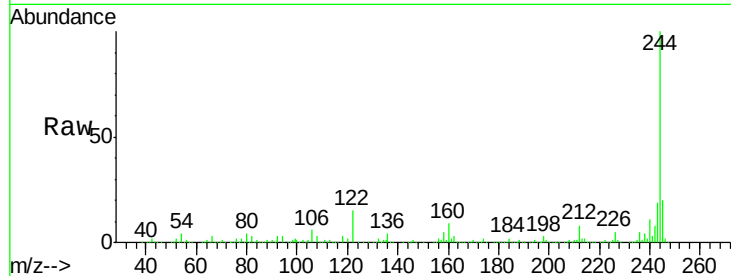




#78
 Terphenyl-d14
 Concen: 58.98 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088649.D
 Acq: 3 Jul 2016 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 982327
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.3 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: BF088649.D
 Acq: 3 Jul 2016 15:04

Tgt Ion:264 Resp: 310161
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.5 16.9 25.3

