

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082430.D
 Acq On : 22 Oct 2015 4:37
 Operator : UM/IZ
 Sample : G4116-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

Quant Time: Oct 22 12:52:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

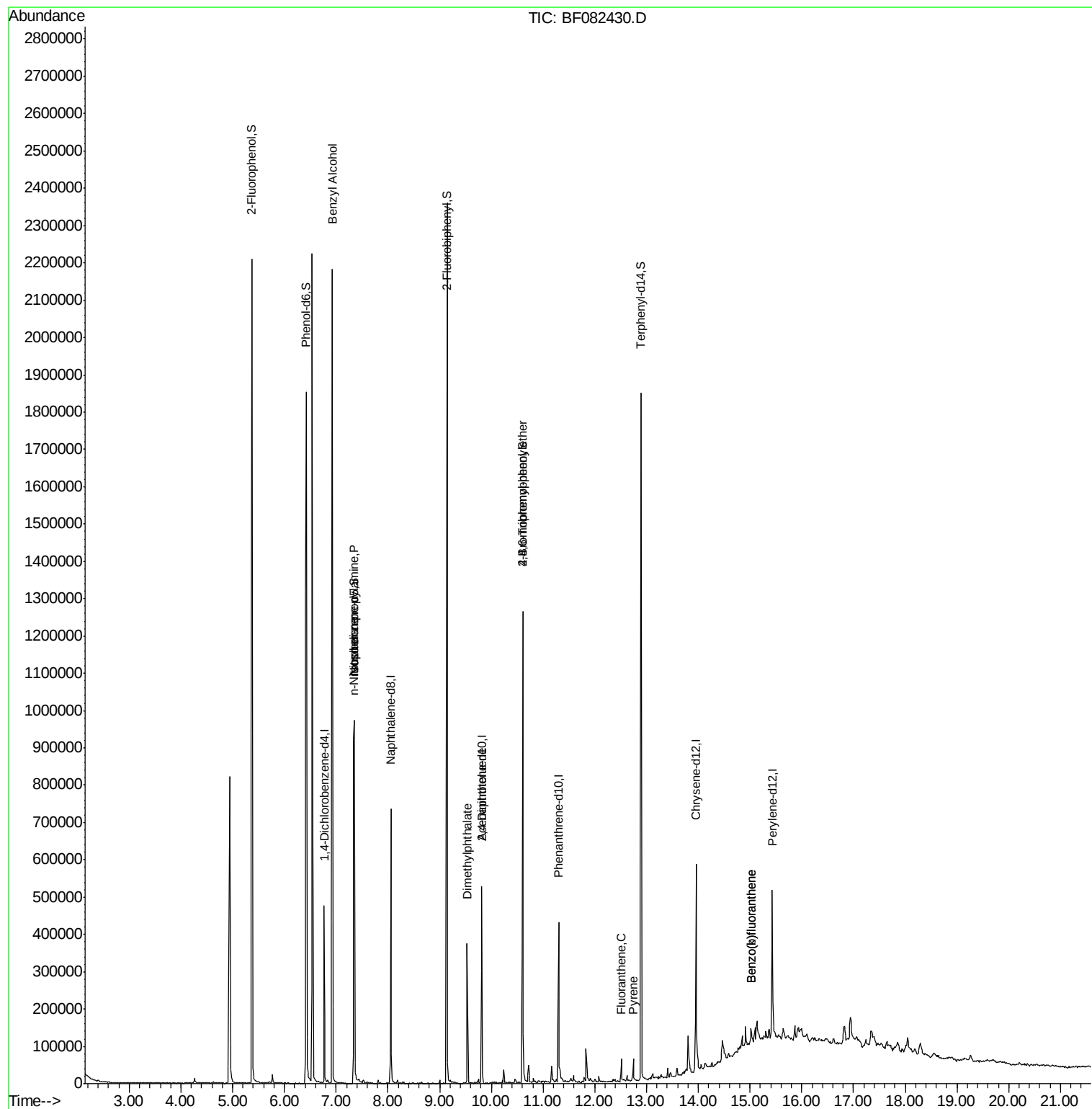
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	83053	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	321323	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	129857	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	209910	20.00	ng	0.00
75) Chrysene-d12	13.96	240	205712	20.00	ng	-0.06
86) Perylene-d12	15.43	264	198525	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	676675	164.43	ng	0.01
7) Phenol-d6	6.42	99	885427	165.34	ng	0.00
23) Nitrobenzene-d5	7.35	82	513498	107.32	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	135583	111.33	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	930181	118.79	ng	0.00
78) Terphenyl-d14	12.89	244	600793	77.39	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.93	79	9817	2.66	ng	# 52
19) n-Nitroso-di-n-propylamine	7.34	70	65677	17.46	ng	# 82
25) Isophorone	7.35	82	481860	49.90	ng	# 66
49) Dimethylphthalate	9.53	163	190101	20.79	ng	99
56) 2,4-Dinitrotoluene	9.82	165	16920	7.02	ng	# 22
66) 4-Bromophenyl-phenylether	10.61	248	10688	5.09	ng	# 1
74) Fluoranthene	12.51	202	28839	2.61	ng	98
77) Pyrene	12.74	202	27389	2.24	ng	98
87) Benzo(b)fluoranthene	15.02	252	29617	2.45	ng	# 94
88) Benzo(k)fluoranthene	15.02	252	29617	2.92	ng	# 92

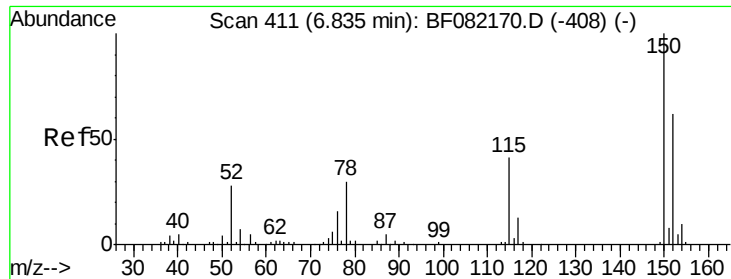
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
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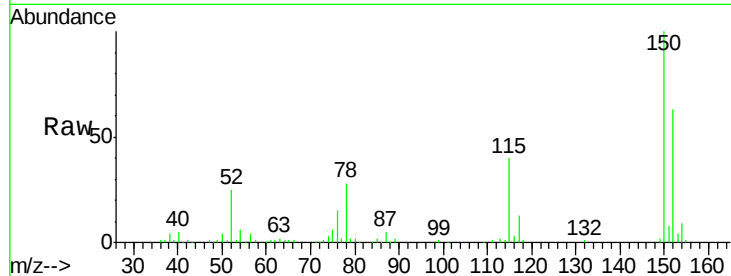


#1

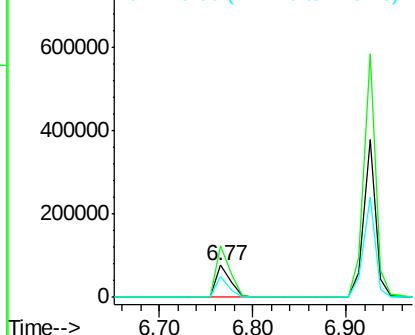
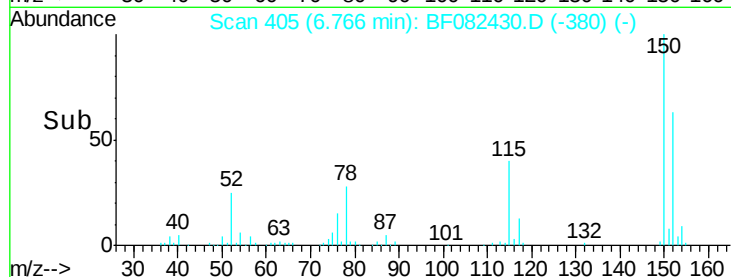
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082430.D
Acq: 22 Oct 2015 4:37

Instrument :
BNA_F
ClientSampleId :
BT-01(0-2)

Tot Ion:152 Resp: 83053
Ion Ratio Lower Upper
152 100
150 158.7 129.0 193.4
115 64.1 52.1 78.1



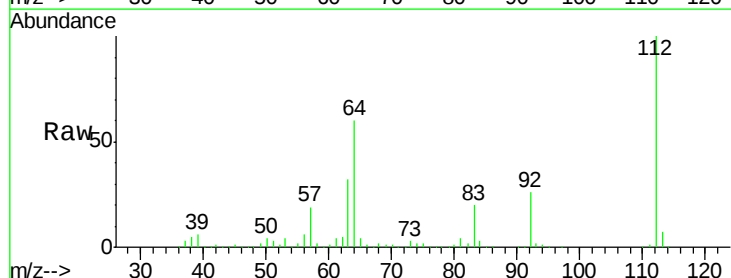
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



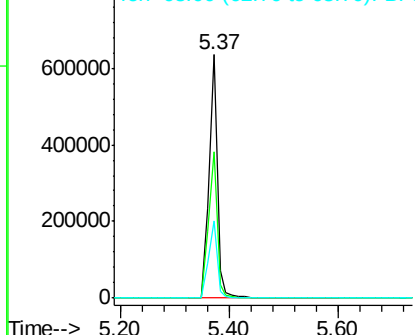
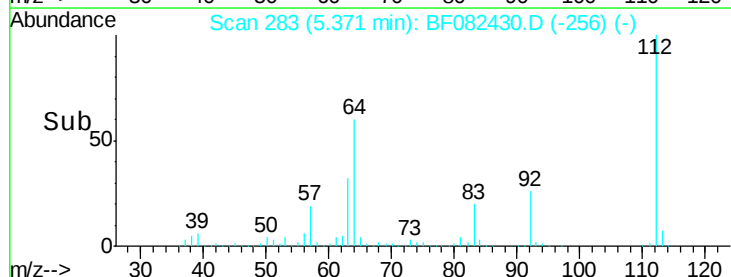
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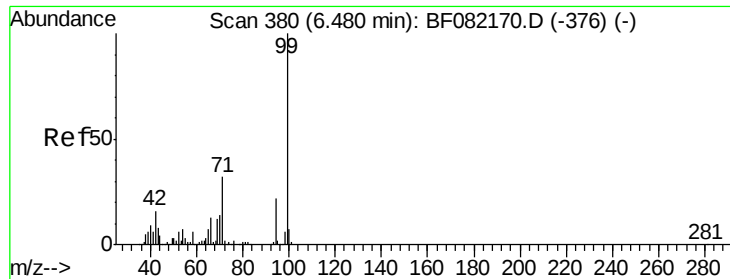
2-Fluorophenol
Concen: 164.43 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082430.D
Acq: 22 Oct 2015 4:37

Tgt Ion:112 Resp: 676675
Ion Ratio Lower Upper
112 100
64 60.2 48.6 73.0
63 31.8 25.1 37.7



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: 165.34 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

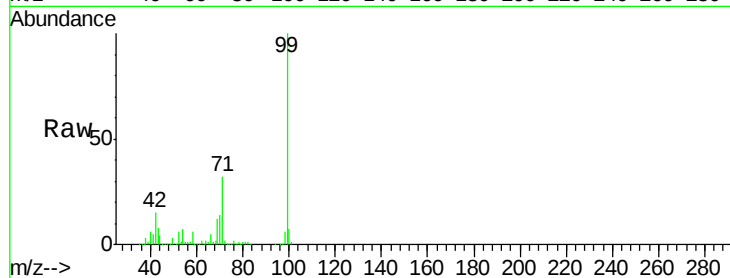
Tot Ion: 99 Resp: 885427

Ion Ratio Lower Upper

99 100

42 15.4 13.2 19.8

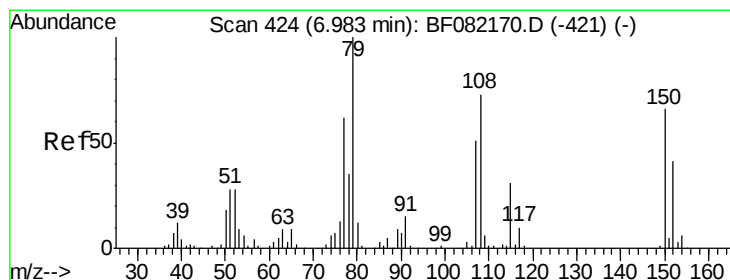
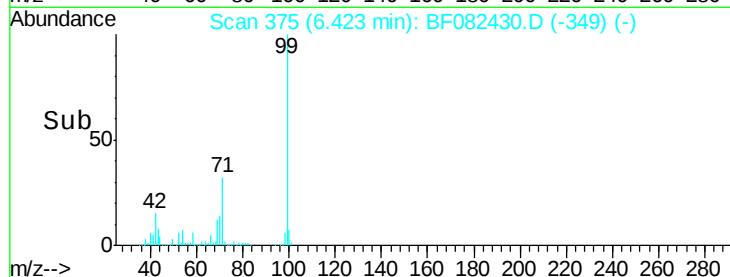
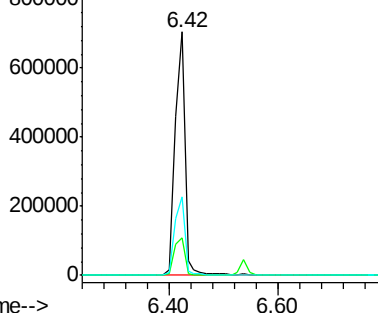
71 32.3 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.66 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

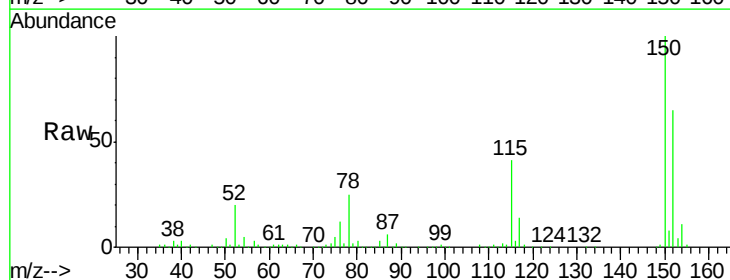
Tgt Ion: 79 Resp: 9817

Ion Ratio Lower Upper

79 100

108 30.8 58.4 87.6#

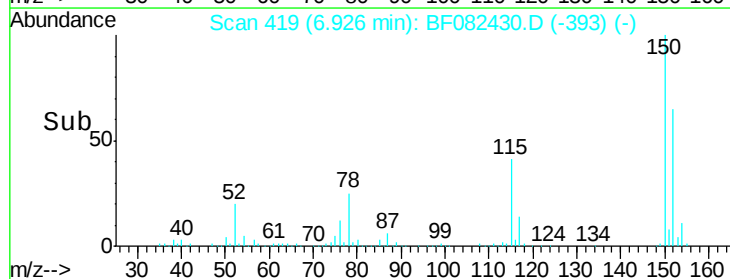
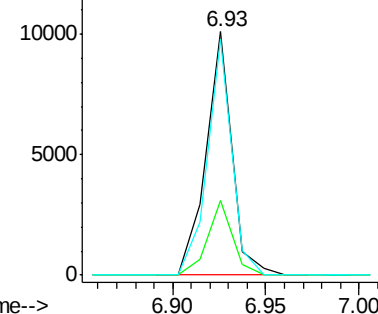
77 96.8 49.8 74.6#

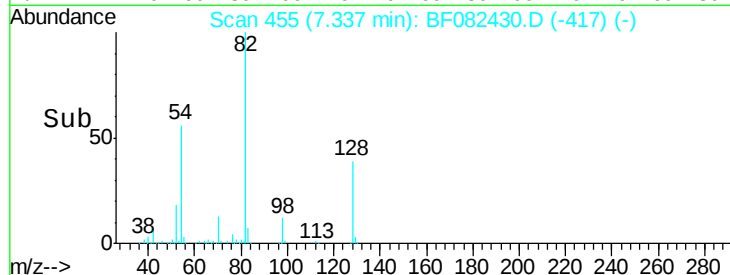
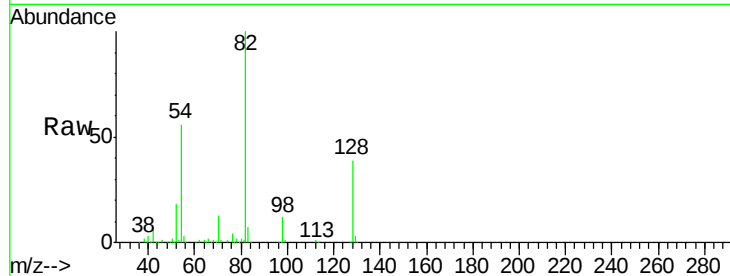


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

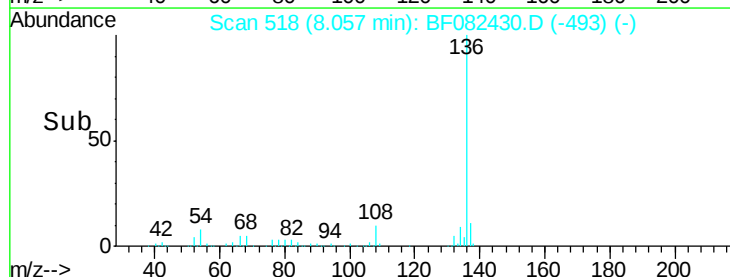
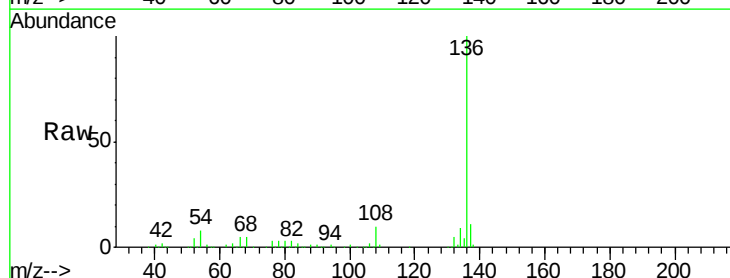
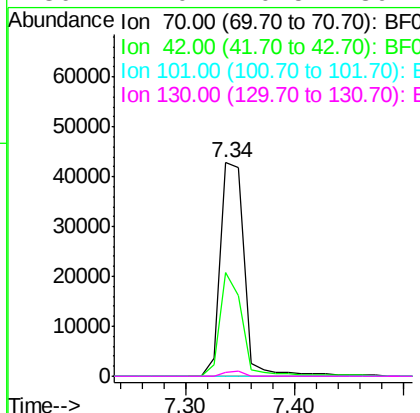




#19
n-Nitroso-di-n-propylamine
Concen: 17.46 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082430.D
Acq: 22 Oct 2015 4:37

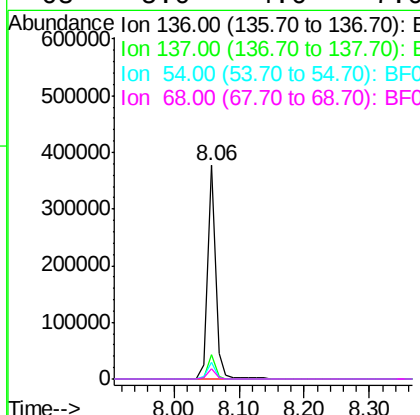
Instrument :
BNA_F
ClientSampleId :
BT-01(0-2)

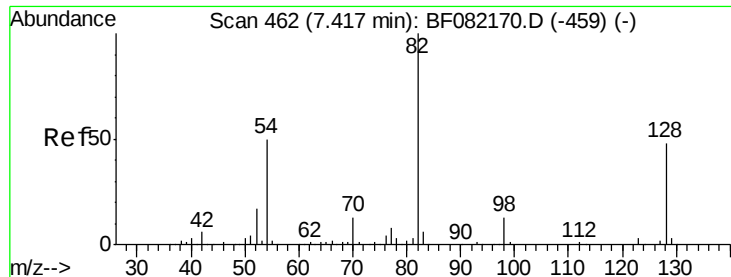
Tot Ion: 70 Resp: 65677
Ion Ratio Lower Upper
70 100
42 48.8 39.8 59.8
101 0.0 8.6 13.0#
130 2.0 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082430.D
Acq: 22 Oct 2015 4:37

Tgt Ion: 136 Resp: 321323
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.9 7.5 11.3
68 5.0 4.6 7.0

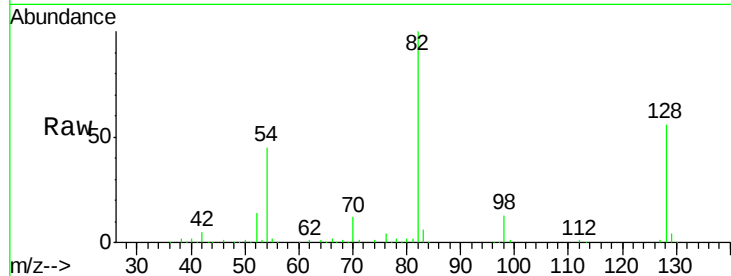




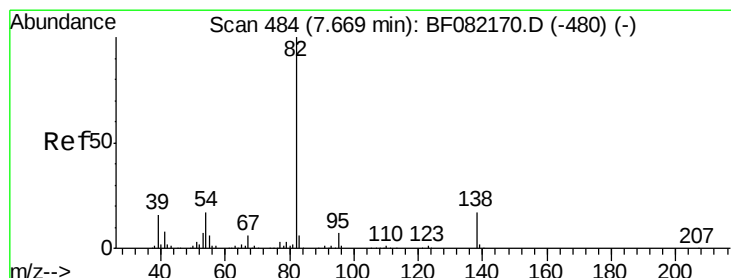
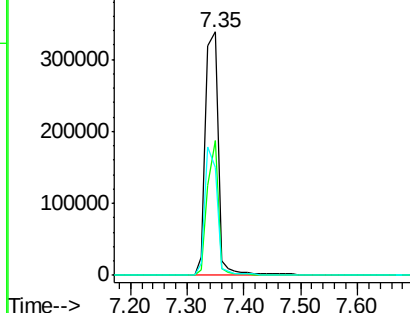
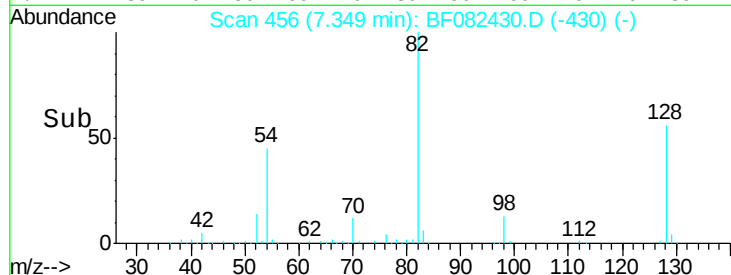
#23
 Nitrobenzene-d5
 Concen: 107.32 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082430.D
 Acq: 22 Oct 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

Tot Ion: 82 Resp: 513498
 Ion Ratio Lower Upper
 82 100
 128 55.5 38.7 58.1
 54 44.6 40.1 60.1

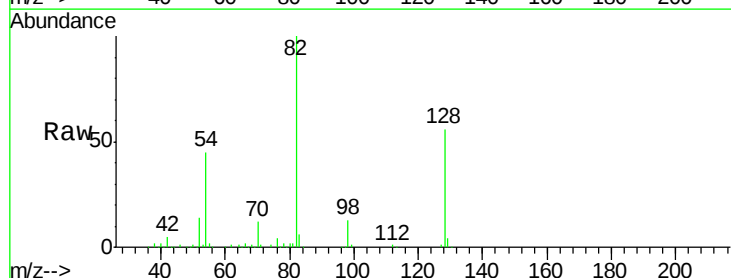


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

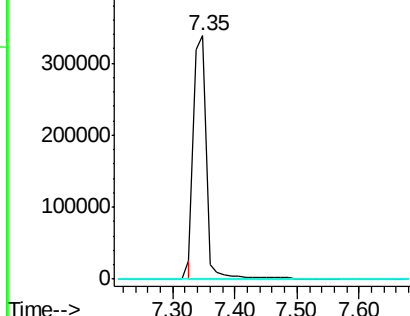
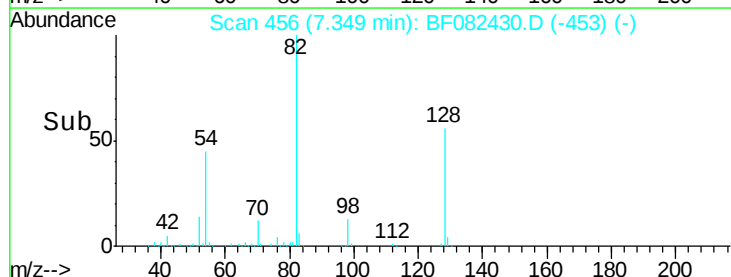


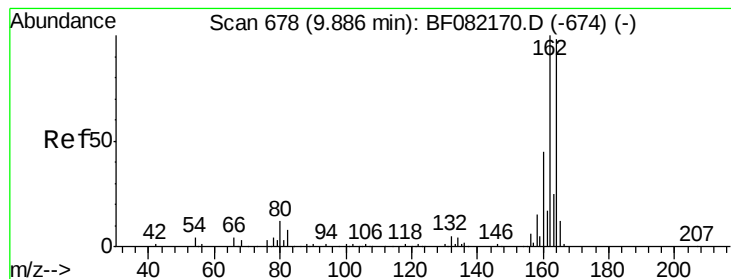
#25
 Isophorone
 Concen: 49.90 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.26 min
 Lab File: BF082430.D
 Acq: 22 Oct 2015 4:37

Tgt Ion: 82 Resp: 481860
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 13.6 20.4#



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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

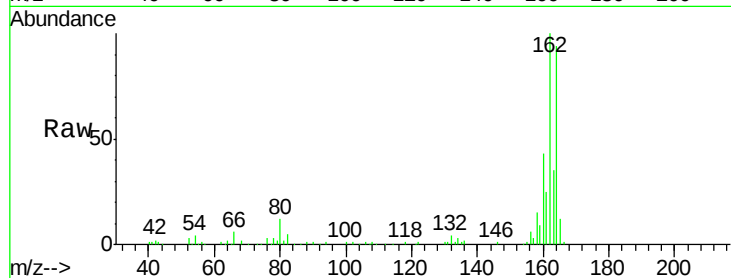
Tot Ion:164 Resp: 129857

Ion Ratio Lower Upper

164 100

162 106.4 81.6 122.4

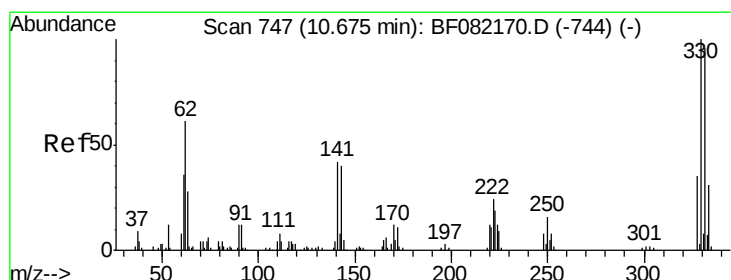
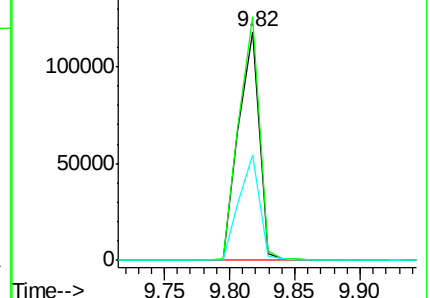
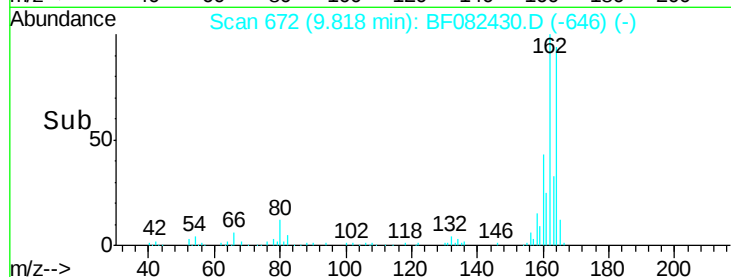
160 46.2 36.4 54.6



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: 111.33 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

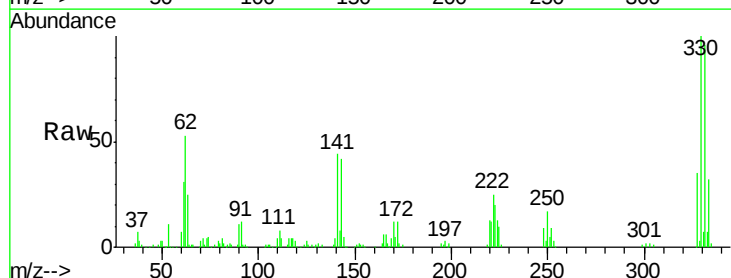
Tgt Ion:330 Resp: 135583

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

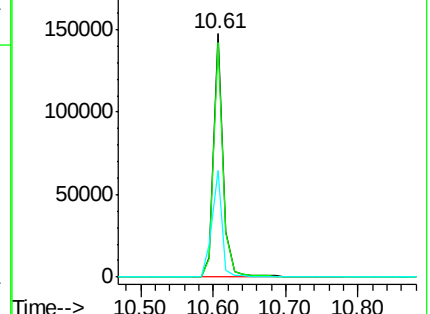
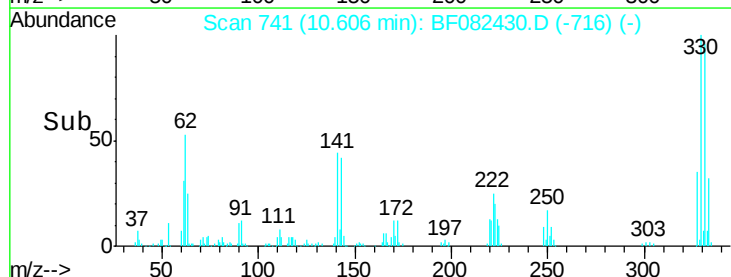
141 46.0 29.8 44.8#

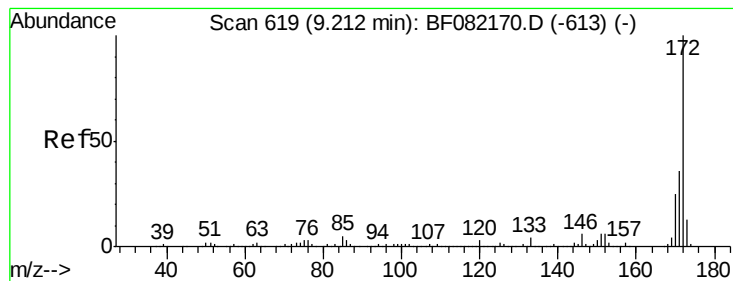


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 118.79 ng

RT: 9.14 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

Instrument :

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BT-01(0-2)

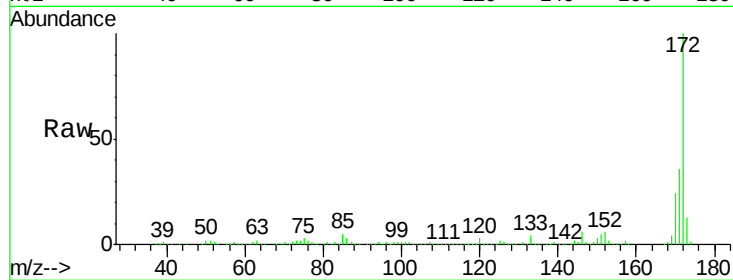
Tot Ion:172 Resp: 930181

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

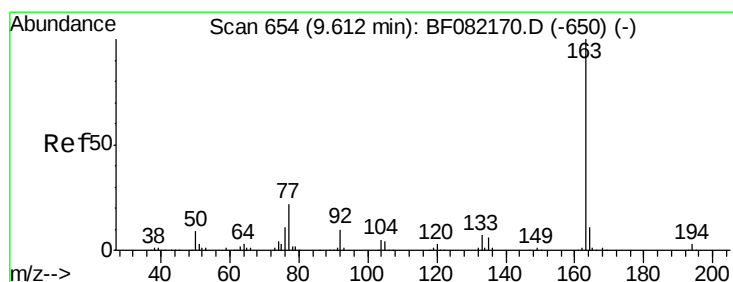
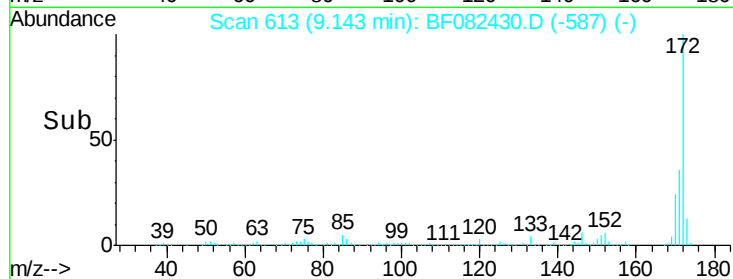
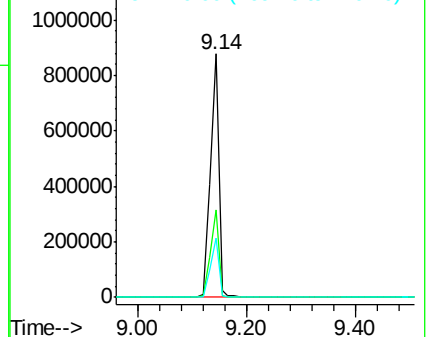
170 24.4 19.7 29.5



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: 20.79 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

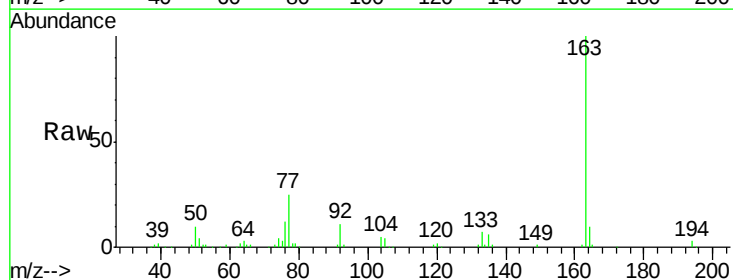
Tgt Ion:163 Resp: 190101

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

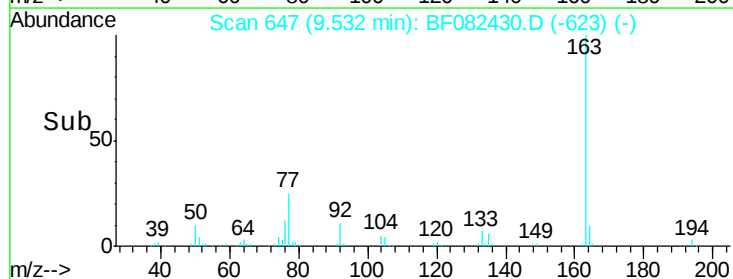
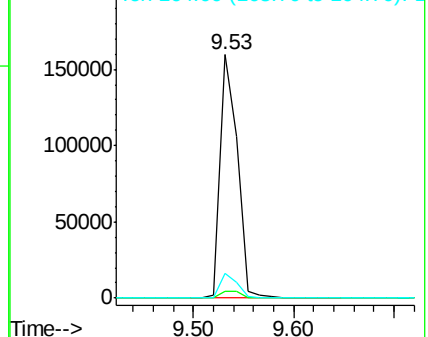
164 10.3 8.5 12.7

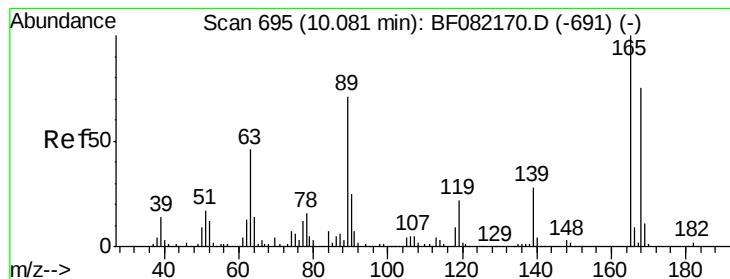


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

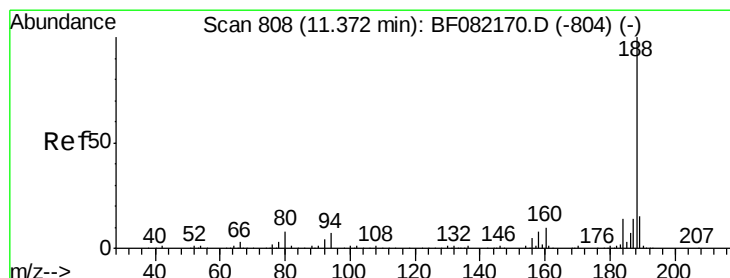
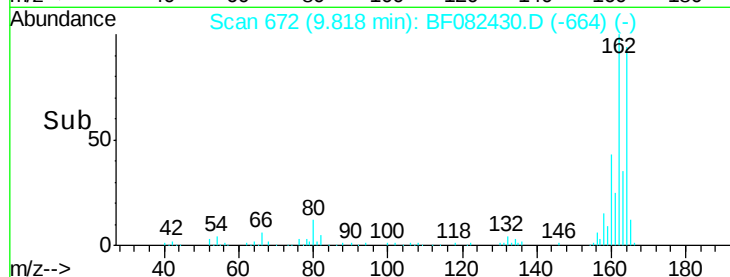
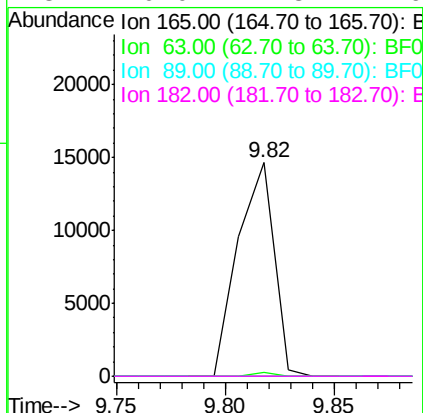
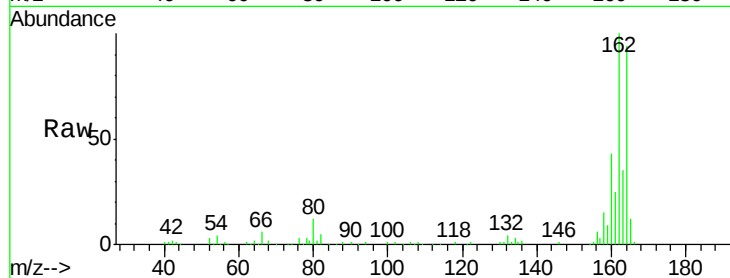




#56
 2,4-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF082430.D
 Acq: 22 Oct 2015 4:37

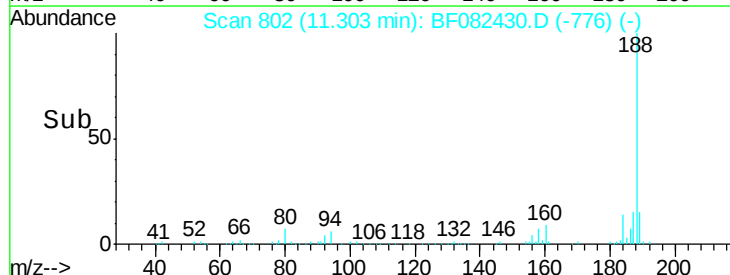
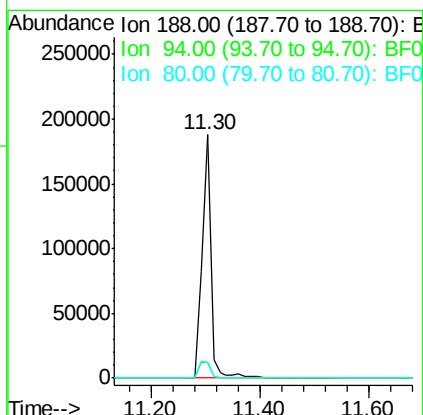
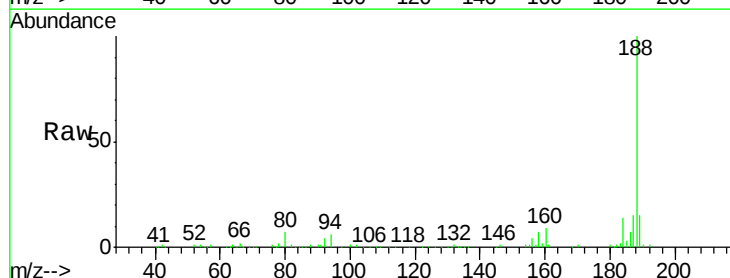
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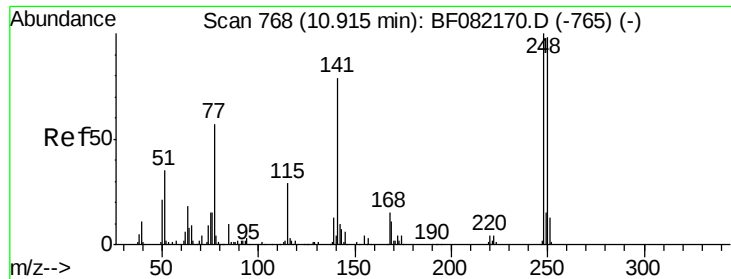
Tot Ion:165	Resp:	16920
Ion Ratio	Lower	Upper
165	100	
63	2.1	38.6 58.0#
89	0.0	57.0 85.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF082430.D
 Acq: 22 Oct 2015 4:37

Tgt Ion:188	Resp:	209910
Ion Ratio	Lower	Upper
188	100	
94	6.3	5.8 8.6
80	6.7	6.4 9.6

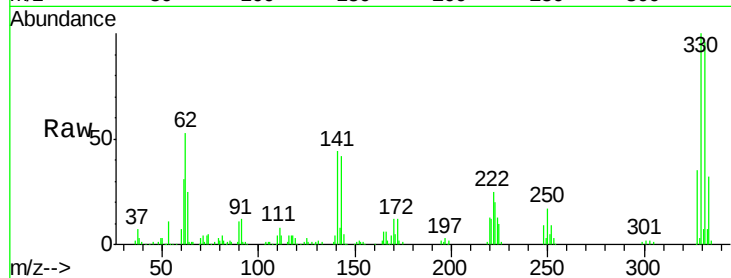




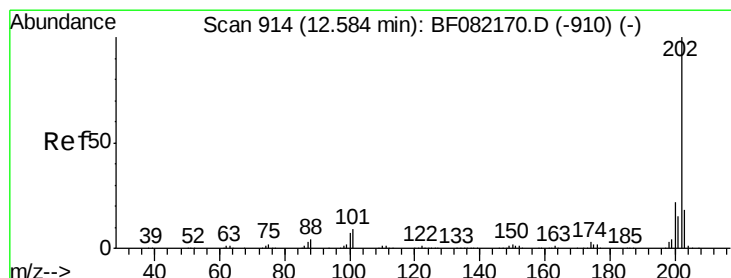
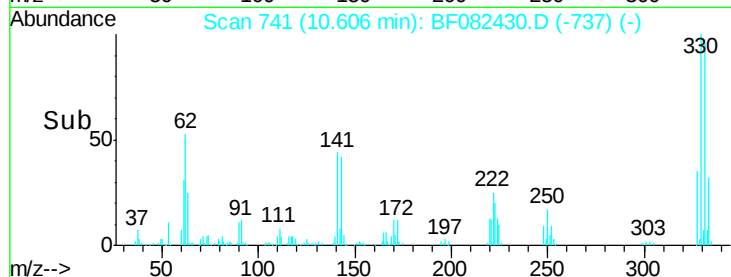
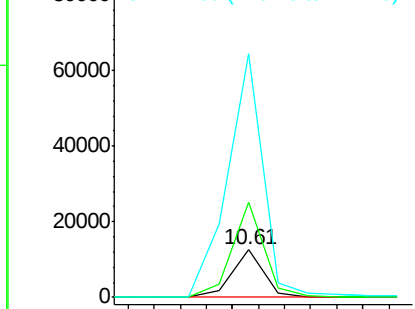
#66
4-Bromophenyl-phenylether
Concen: 5.09 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082430.D
Acq: 22 Oct 2015 4:37

Instrument :
BNA_F
ClientSampleId :
BT-01(0-2)

Tot Ion:248 Resp: 10688
Ion Ratio Lower Upper
248 100
250 198.5 78.6 117.8#
141 510.6 63.3 94.9#

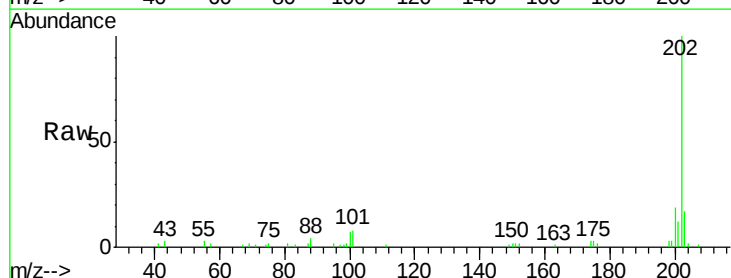


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

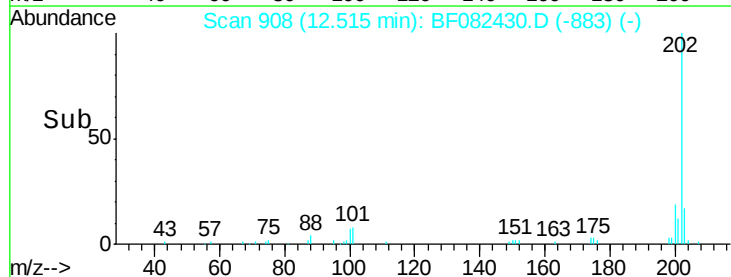
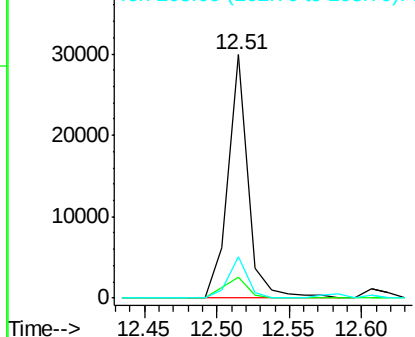


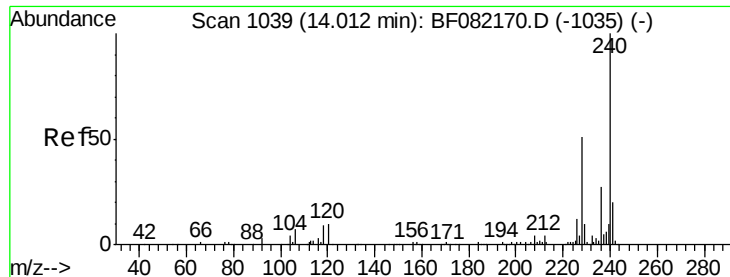
#74
Fluoranthene
Concen: 2.61 ng
RT: 12.51 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF082430.D
Acq: 22 Oct 2015 4:37

Tgt Ion:202 Resp: 28839
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.3
203 17.2 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

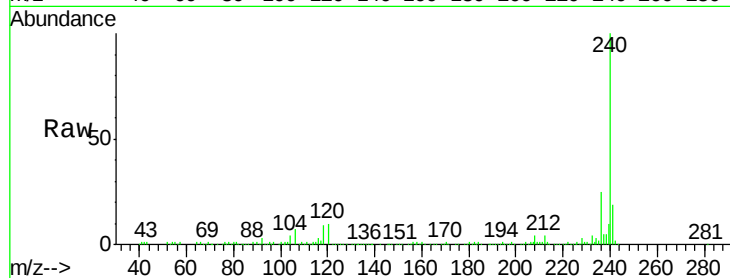
Tot Ion:240 Resp: 205712

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

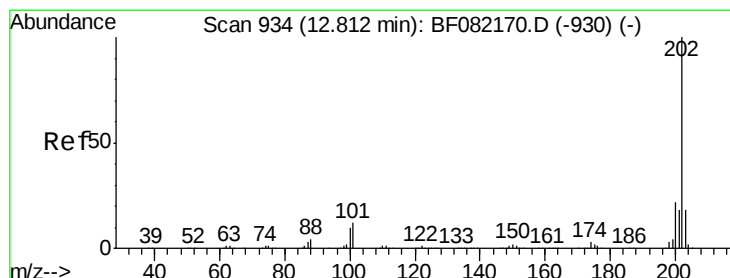
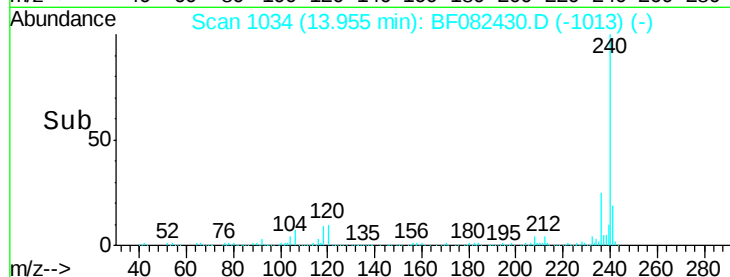
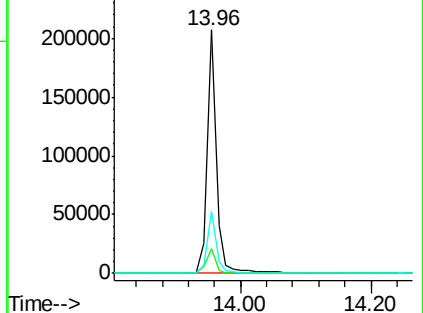
236 25.4 21.3 31.9



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



#77

Pyrene

Concen: 2.24 ng

RT: 12.74 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

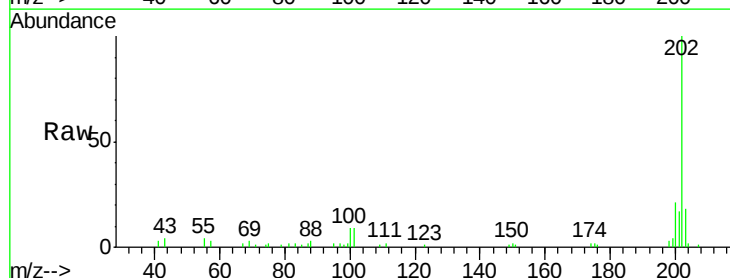
Tgt Ion:202 Resp: 27389

Ion Ratio Lower Upper

202 100

200 20.8 17.9 26.9

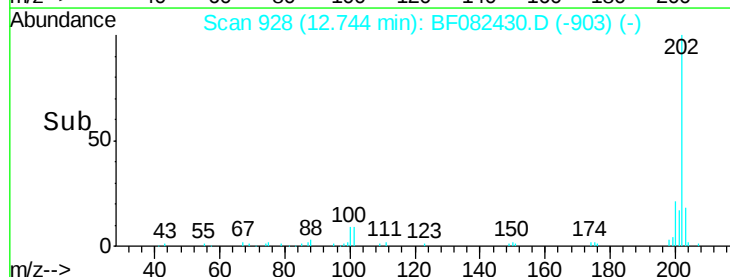
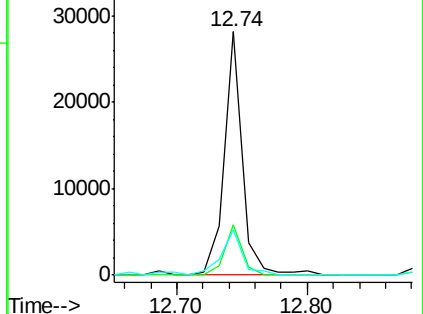
203 18.3 14.5 21.7

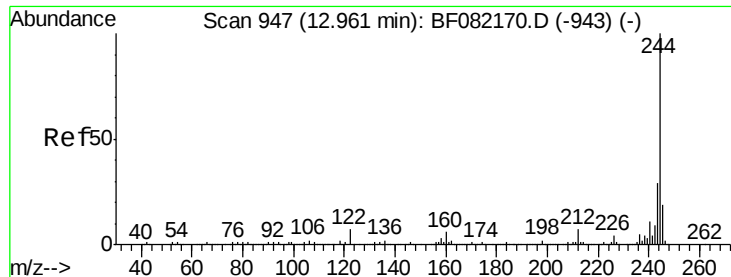


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

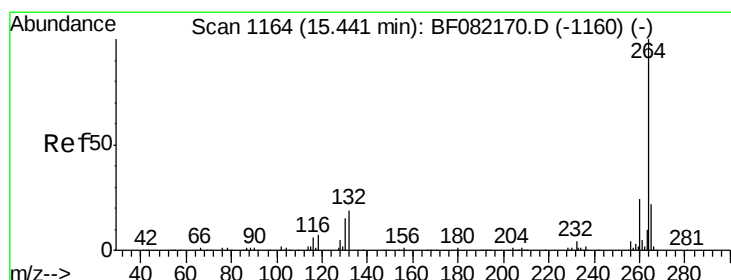
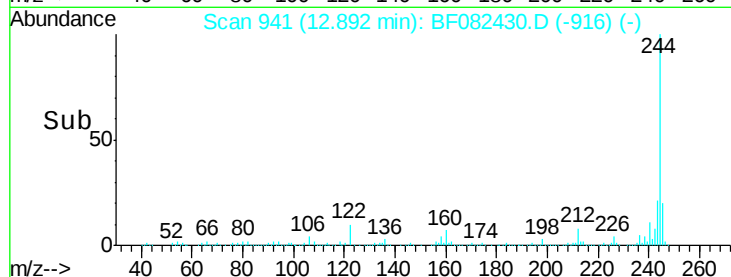
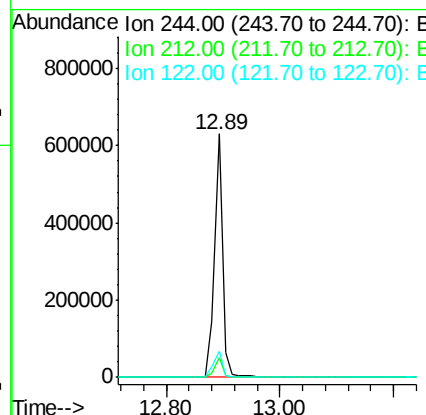
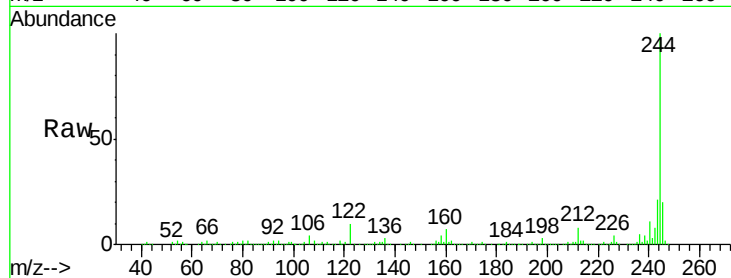




#78
 Terphenyl-d14
 Concen: 77.39 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082430.D
 Acq: 22 Oct 2015 4:37

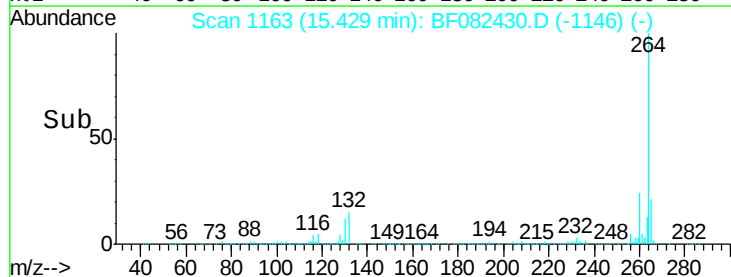
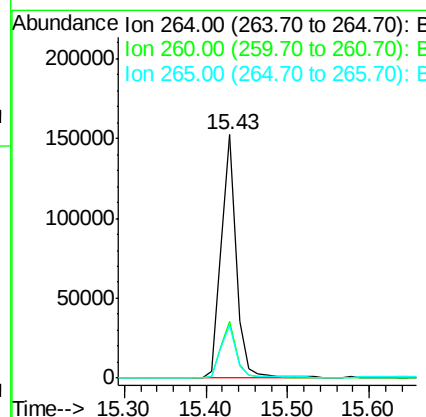
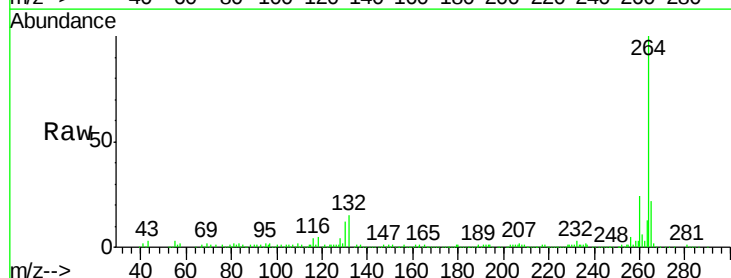
Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

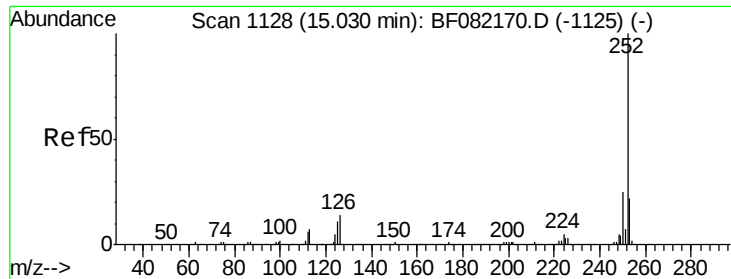
Tot Ion:244 Resp: 600793
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 10.4 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1163
 Delta R.T. -0.10 min
 Lab File: BF082430.D
 Acq: 22 Oct 2015 4:37

Tgt Ion:264 Resp: 198525
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.5 17.3 25.9

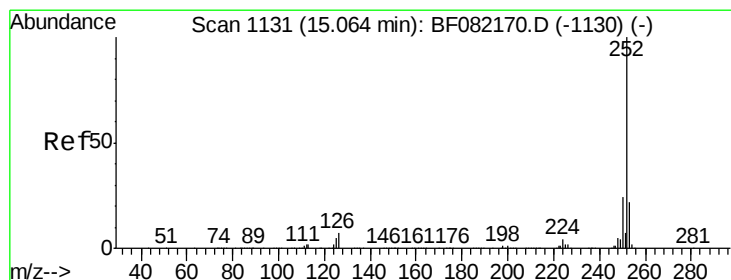
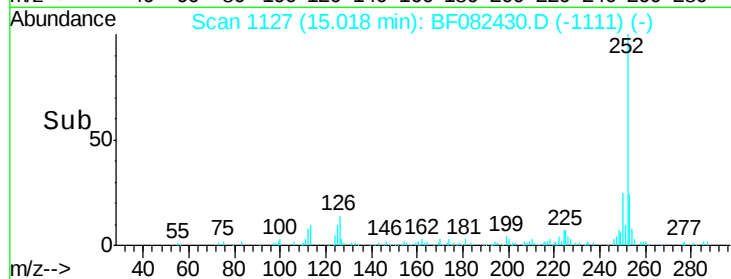
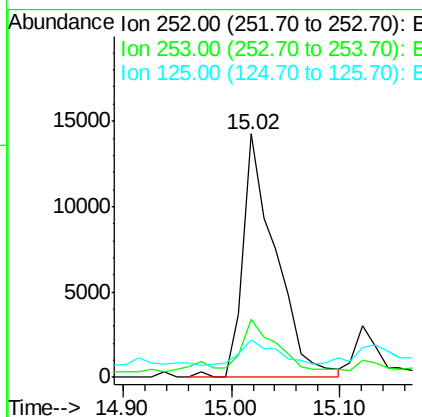
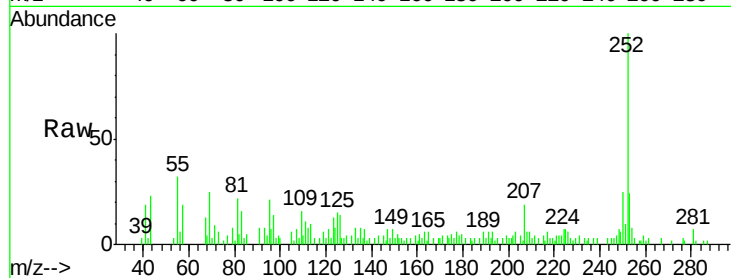




#87
Benzo(b)fluoranthene
Concen: 2.45 ng
RT: 15.02 min Scan# 1127
Delta R.T. -0.11 min
Lab File: BF082430.D
Acq: 22 Oct 2015 4:37

Instrument :
BNA_F
ClientSampleId :
BT-01(0-2)

Tot Ion:252 Resp: 29617
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 15.4 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 2.92 ng
RT: 15.02 min Scan# 1127
Delta R.T. -0.14 min
Lab File: BF082430.D
Acq: 22 Oct 2015 4:37

Tgt Ion:252 Resp: 29617
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 15.4 6.7 10.1#

