

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080973.D
 Acq On : 11 Aug 2015 21:11
 Operator : UM/IZ
 Sample : G3125-13RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:47:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

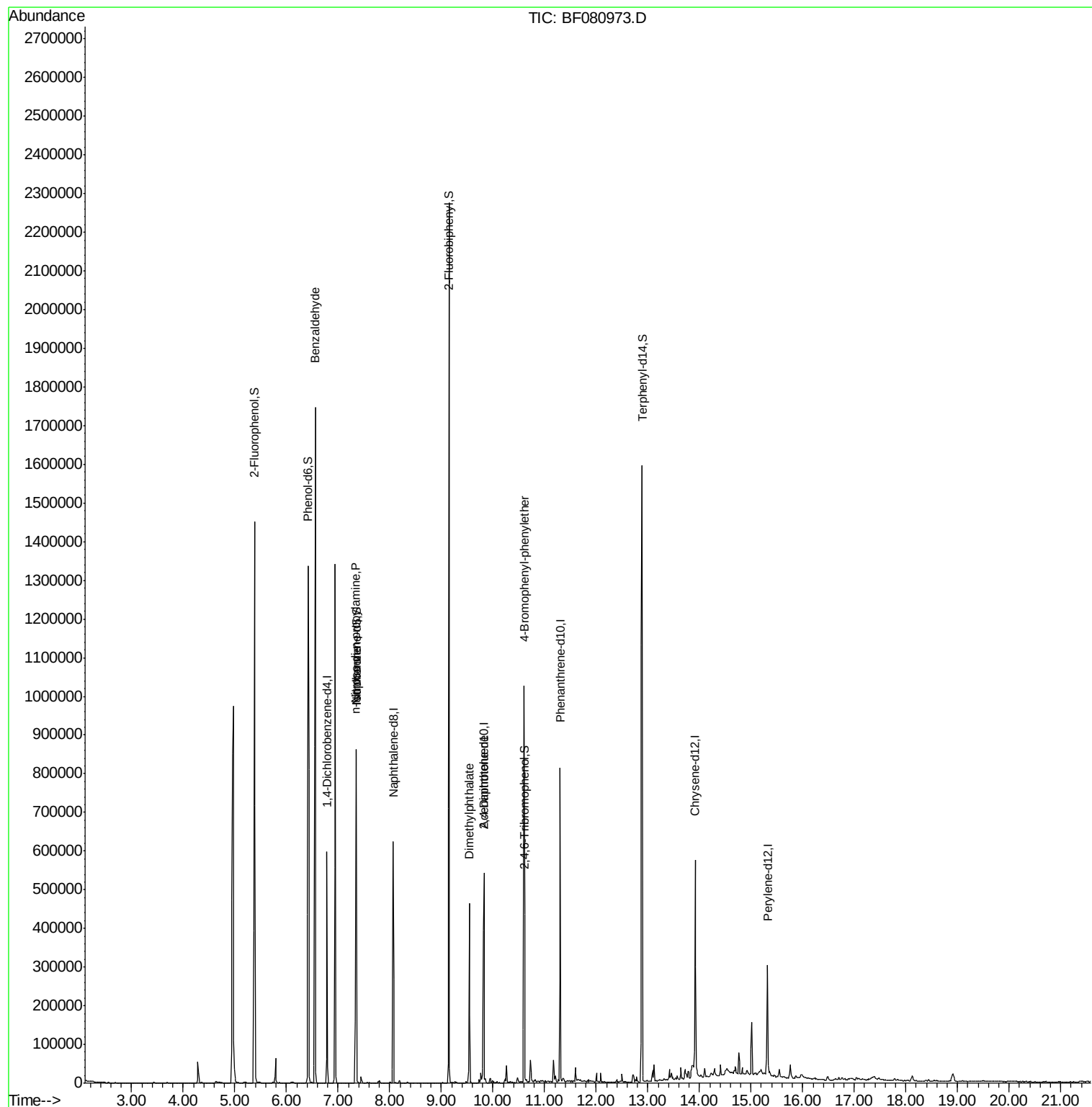
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	72351	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	293633	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	137189	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	297372	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	212085	20.00	ng	-0.05
86) Perylene-d12	15.32	264	157961	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	461387	104.19	ng	0.00
7) Phenol-d6	6.42	99	616982	101.68	ng	-0.02
23) Nitrobenzene-d5	7.36	82	429648	69.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	133451	88.54	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	682724	70.06	ng	-0.02
78) Terphenyl-d14	12.89	244	664336	64.70	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.56	77	12747	3.12	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.34	70	56754	12.80	ng	# 79
25) Isophorone	7.36	82	394043	33.01	ng	# 65
49) Dimethylphthalate	9.54	163	190776	16.74	ng	100
56) 2,4-Dinitrotoluene	9.82	165	17009	5.40	ng	# 8
66) 4-Bromophenyl-phenylether	10.60	248	7924	2.52	ng	# 1

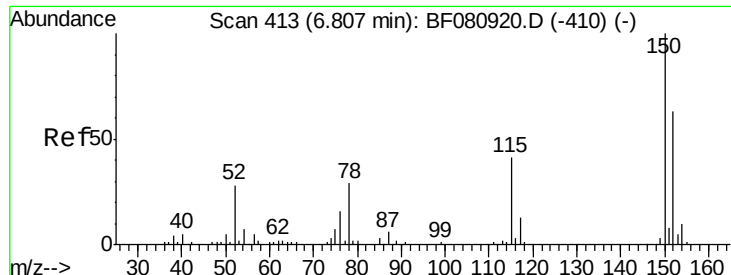
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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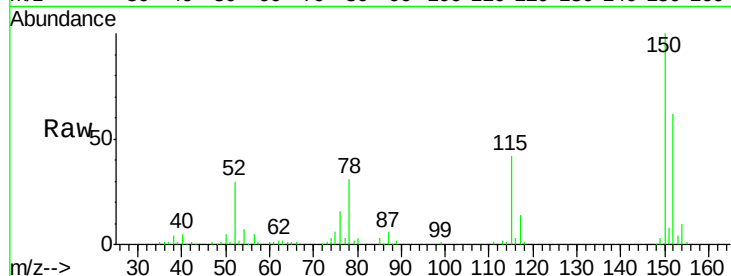


#1

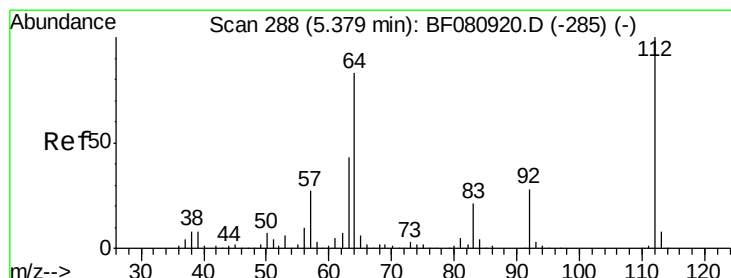
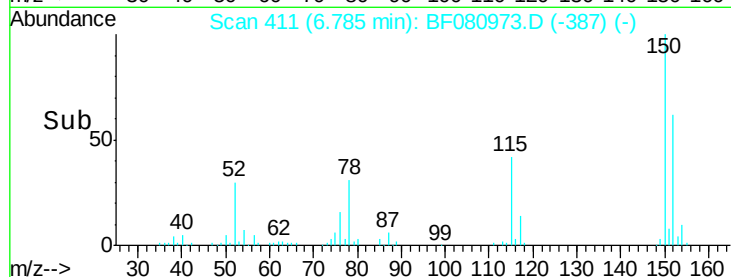
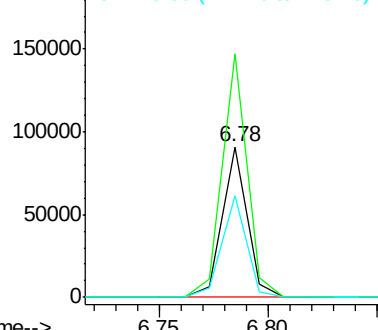
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080973.D
Acq: 11 Aug 2015 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72351
Ion Ratio Lower Upper
152 100
150 161.5 127.4 191.2
115 67.6 52.6 78.8



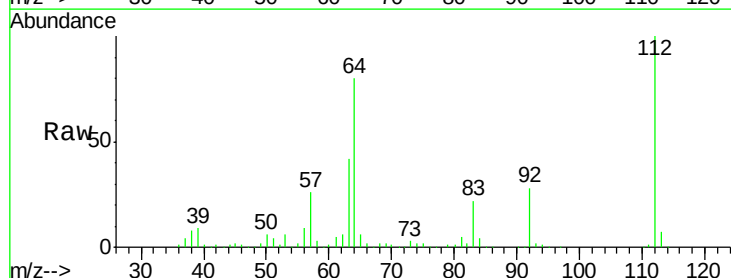
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



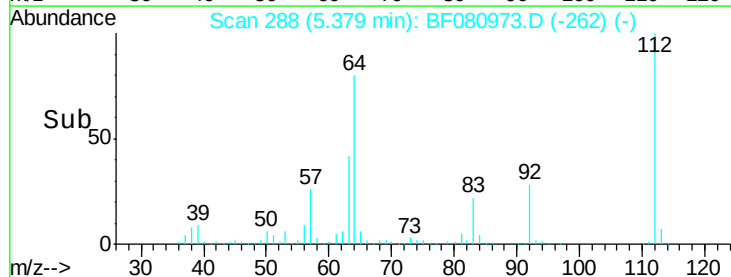
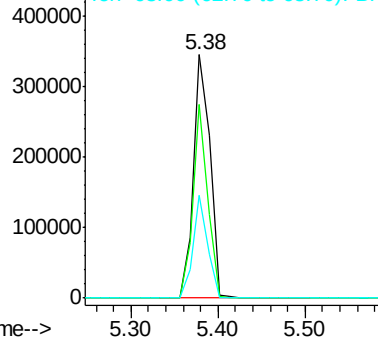
#5

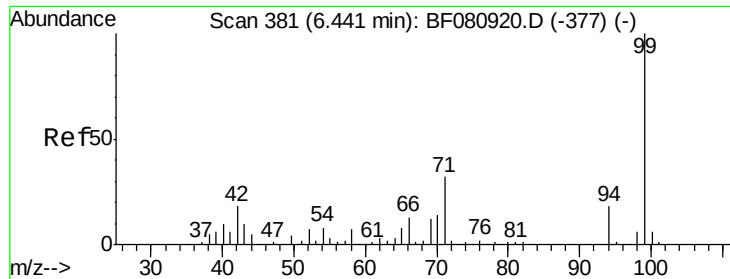
2-Fluorophenol
Concen: 104.19 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF080973.D
Acq: 11 Aug 2015 21:11

Tgt Ion:112 Resp: 461387
Ion Ratio Lower Upper
112 100
64 79.6 66.1 99.1
63 42.0 34.6 52.0



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: 101.68 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080973.D

Acq: 11 Aug 2015 21:11

Instrument :

BNA_F

ClientSampled :

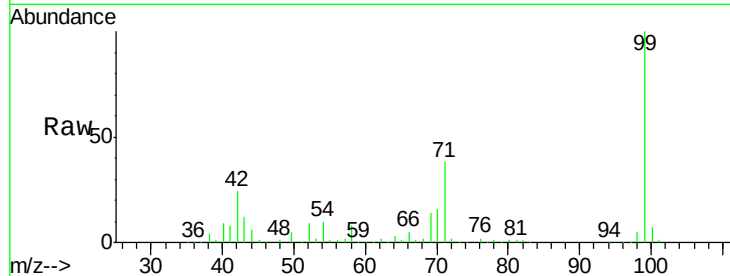
Tot Ion: 99 Resp: 616982

Ion Ratio Lower Upper

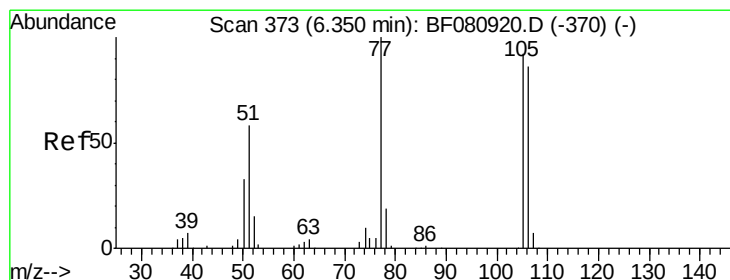
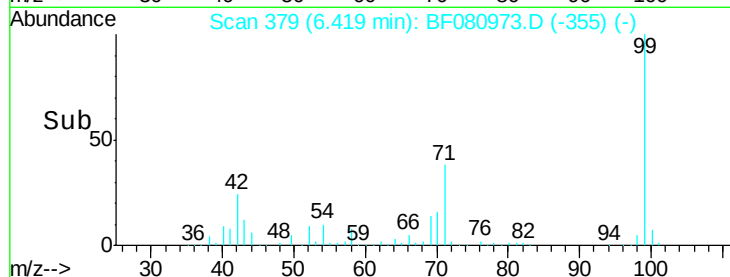
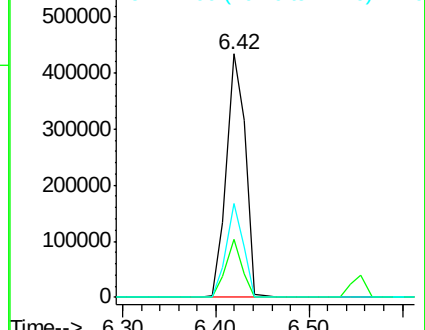
99 100

42 23.8 14.4 21.6#

71 38.4 25.8 38.8



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



#9

Benzaldehyde

Concen: 3.12 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.21 min

Lab File: BF080973.D

Acq: 11 Aug 2015 21:11

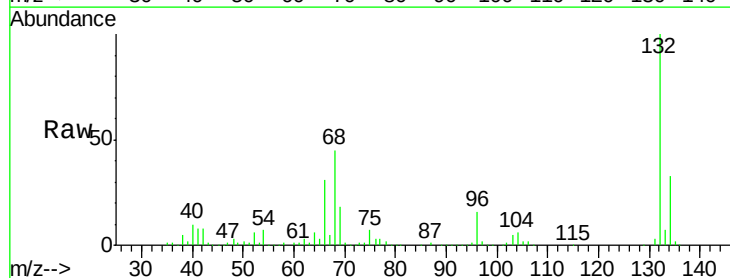
Tgt Ion: 77 Resp: 12747

Ion Ratio Lower Upper

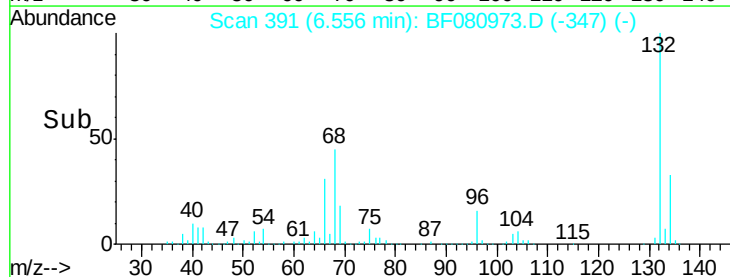
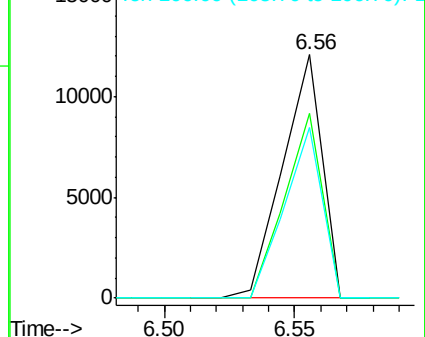
77 100

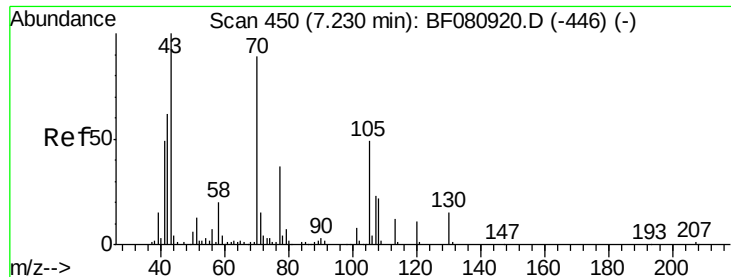
105 76.0 71.6 111.6

106 70.3 65.7 105.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

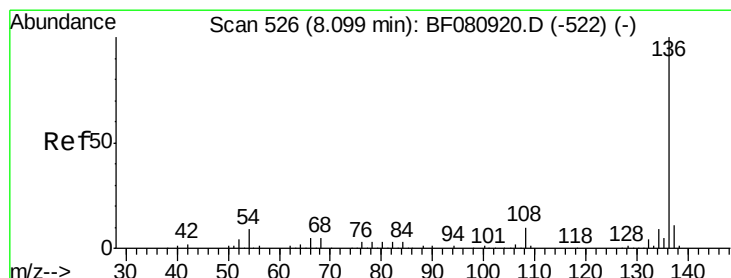
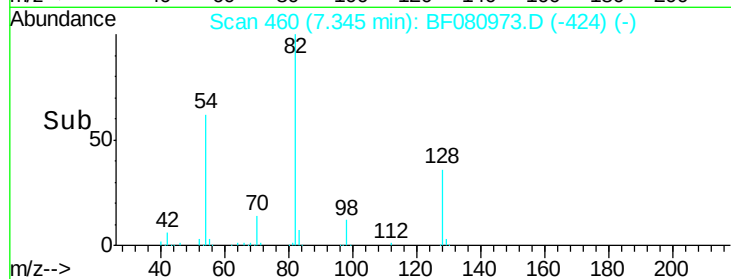
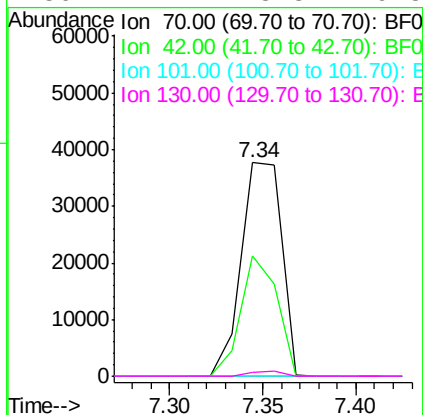
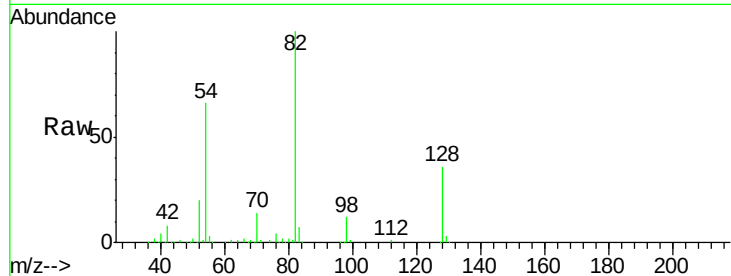




#19
n-Nitroso-di-n-propylamine
Concen: 12.80 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.11 min
Lab File: BF080973.D
Acq: 11 Aug 2015 21:11

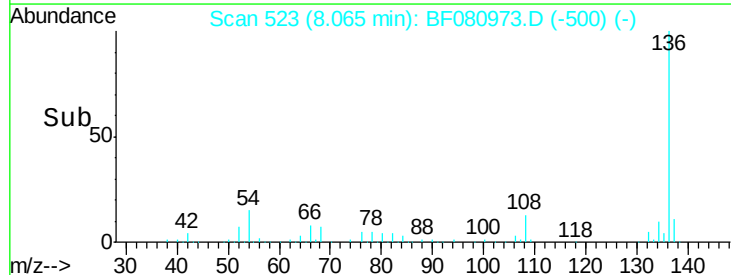
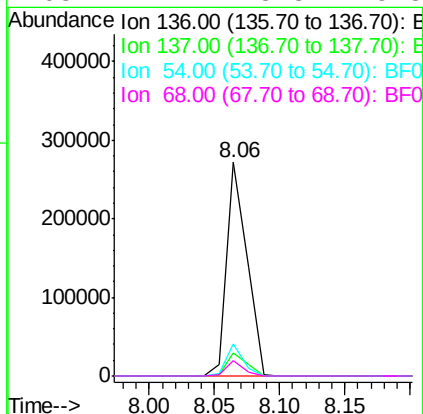
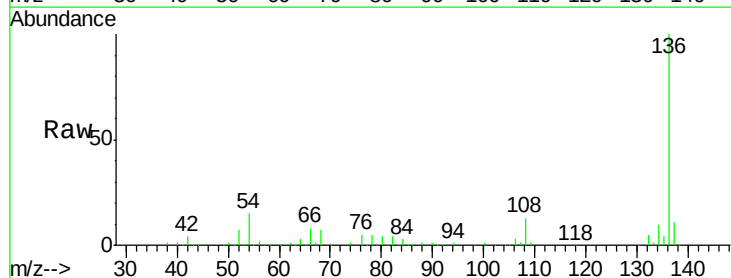
Instrument :
BNA_F
ClientSampleId :

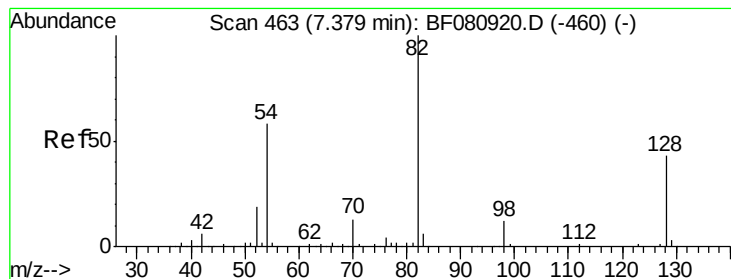
Tot Ion: 70 Resp: 56754
Ion Ratio Lower Upper
70 100
42 56.3 55.7 83.5
101 0.0 7.0 10.6#
130 1.7 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF080973.D
Acq: 11 Aug 2015 21:11

Tgt Ion: 136 Resp: 293633
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 14.8 7.1 10.7#
68 7.1 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 69.21 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF080973.D

Acq: 11 Aug 2015 21:11

Instrument :

BNA_F

ClientSampled :

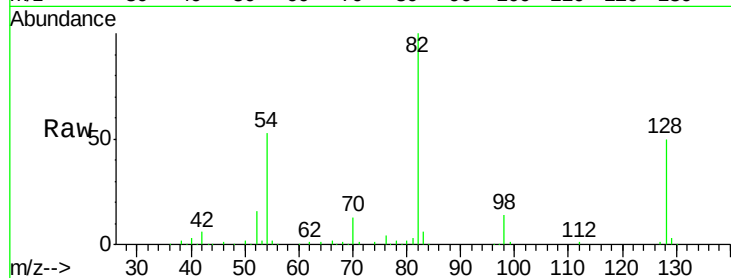
Tot Ion: 82 Resp: 429648

Ion Ratio Lower Upper

82 100

128 49.5 34.1 51.1

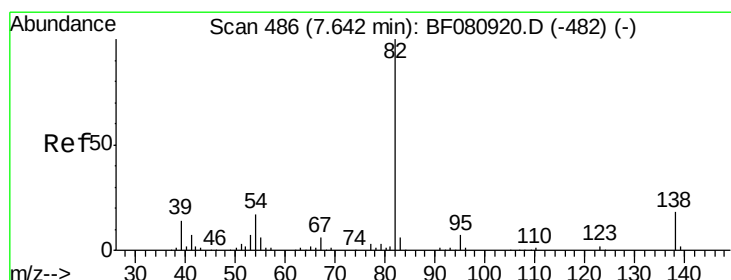
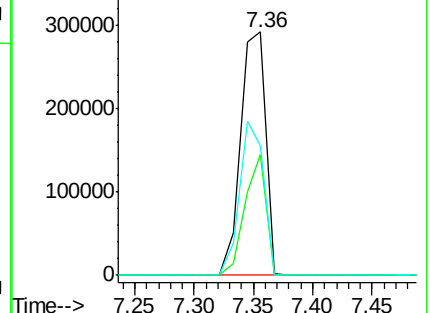
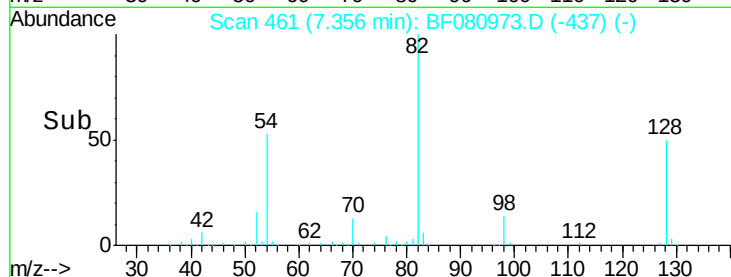
54 53.4 46.5 69.7



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: 33.01 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.29 min

Lab File: BF080973.D

Acq: 11 Aug 2015 21:11

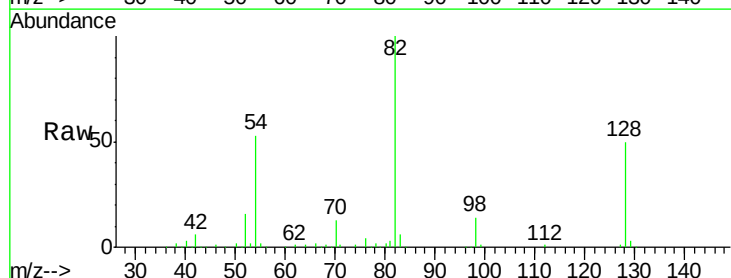
Tgt Ion: 82 Resp: 394043

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

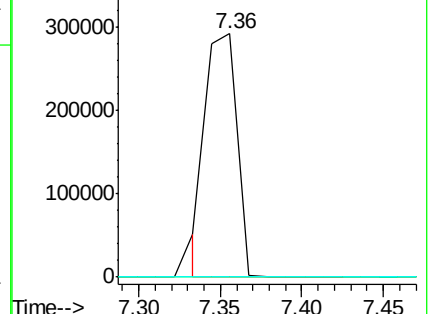
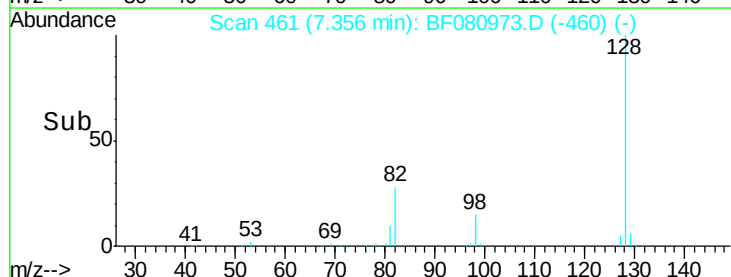
138 0.0 14.1 21.1#

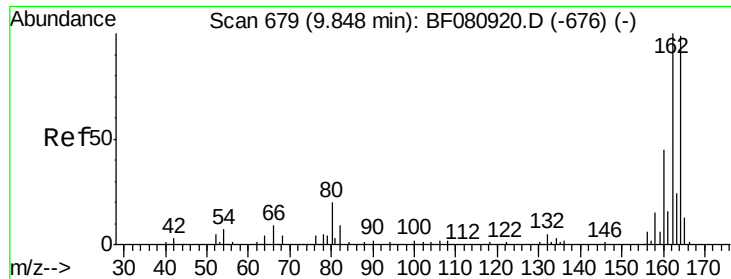


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

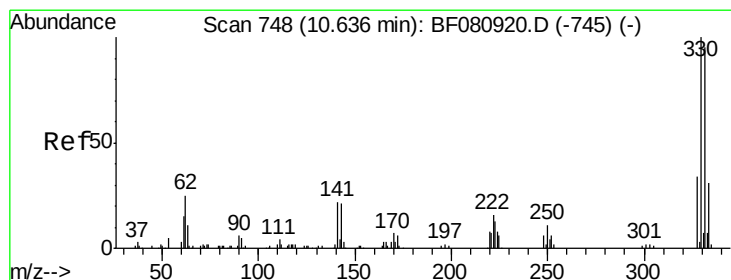
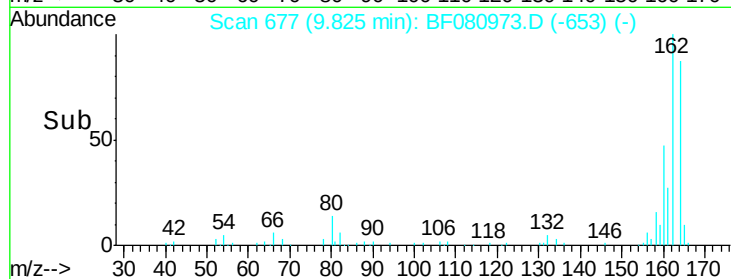
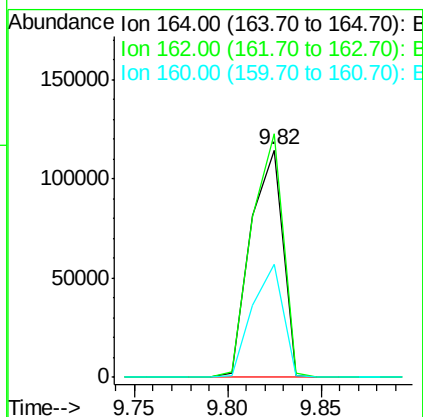
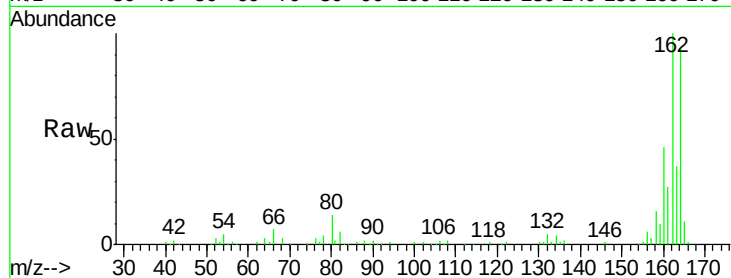




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF080973.D
 Acq: 11 Aug 2015 21:11

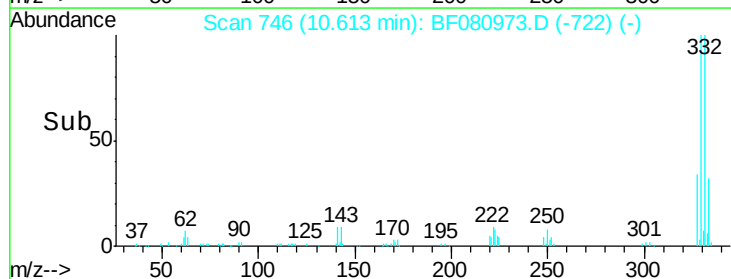
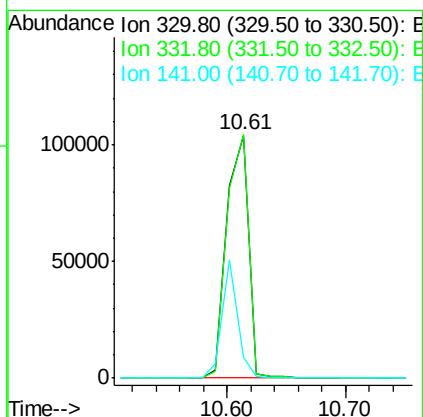
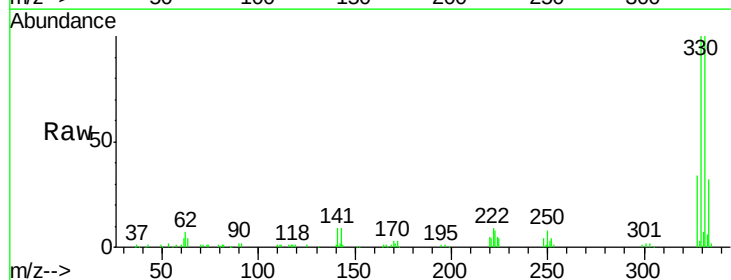
Instrument :
 BNA_F
 ClientSampleId :

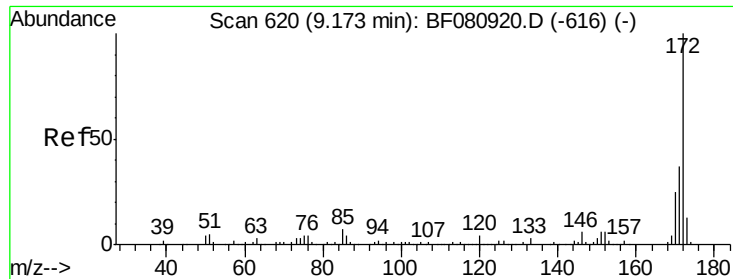
Tot Ion:164 Resp: 137189
 Ion Ratio Lower Upper
 164 100
 162 107.1 80.5 120.7
 160 49.5 36.6 54.8



#41
 2,4,6-Tribromophenol
 Concen: 88.54 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080973.D
 Acq: 11 Aug 2015 21:11

Tgt Ion:330 Resp: 133451
 Ion Ratio Lower Upper
 330 100
 332 99.1 76.2 114.4
 141 34.7 27.8 41.8

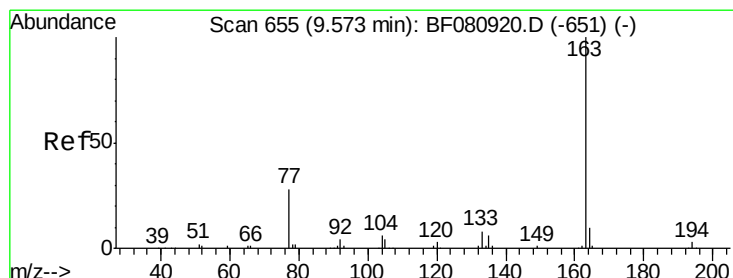
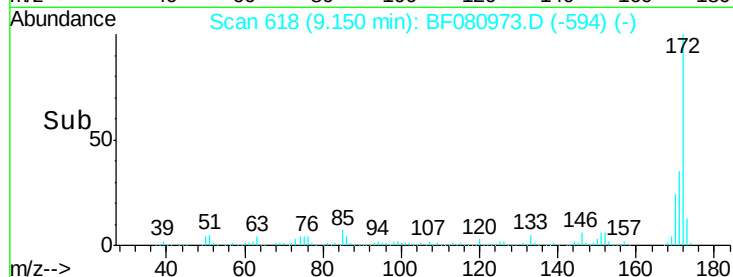
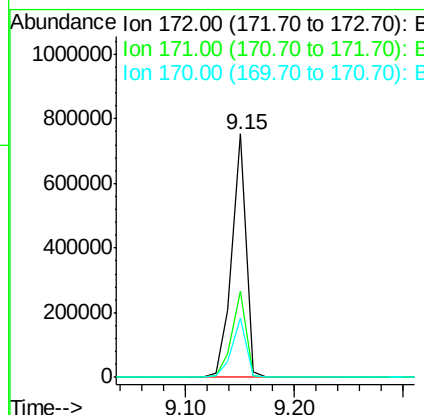
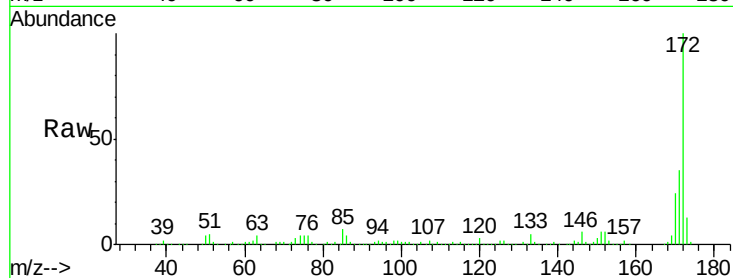




#44
 2-Fluorobiphenyl
 Concen: 70.06 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080973.D
 Acq: 11 Aug 2015 21:11

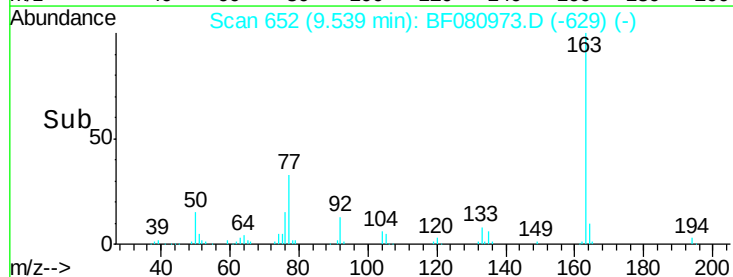
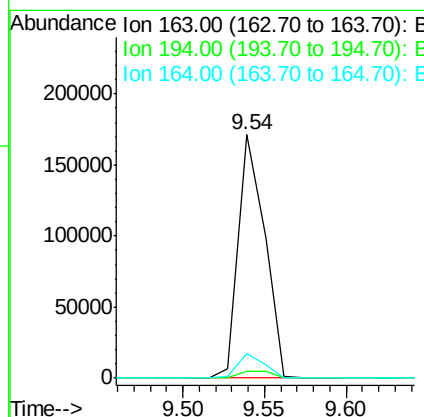
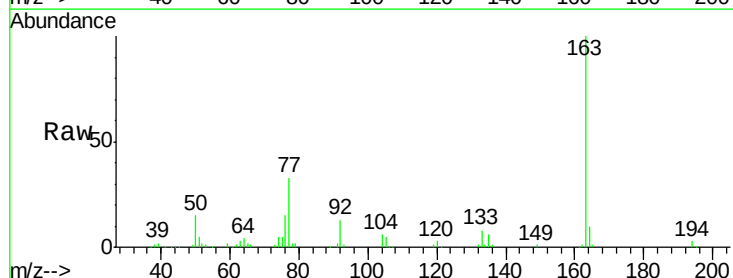
Instrument :
 BNA_F
 ClientSampled :

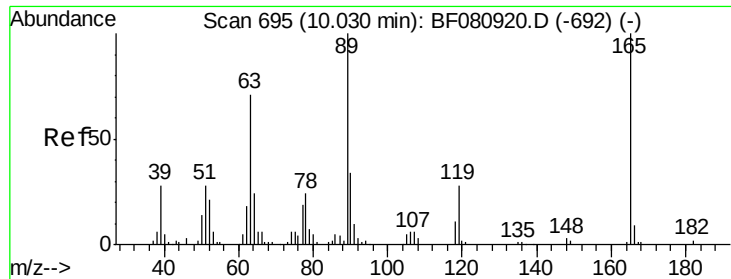
Tot Ion:172 Resp: 682724
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 24.4 19.7 29.5



#49
 Dimethylphthalate
 Concen: 16.74 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF080973.D
 Acq: 11 Aug 2015 21:11

Tgt Ion:163 Resp: 190776
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.4 3.6
 164 10.3 8.2 12.4

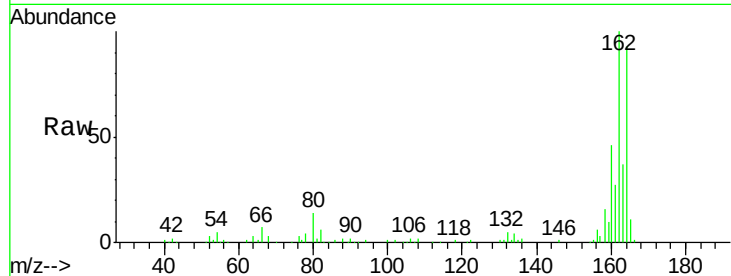




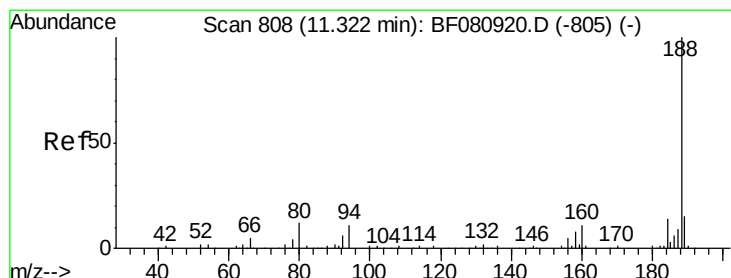
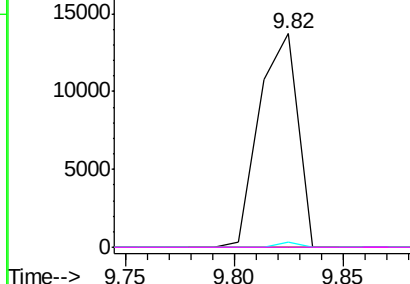
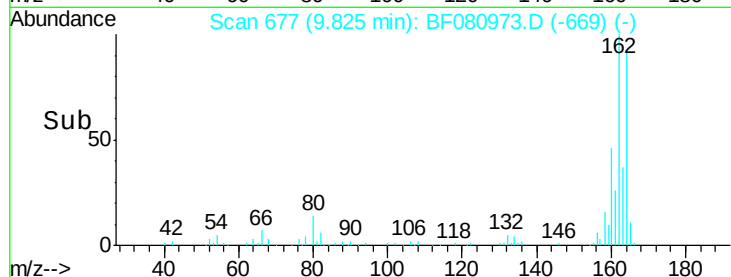
#56
 2,4-Dinitrotoluene
 Concen: 5.40 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF080973.D
 Acq: 11 Aug 2015 21:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17009
 Ion Ratio Lower Upper
 165 100
 63 0.0 56.7 85.1#
 89 2.5 80.4 120.6#
 182 0.0 1.5 2.3#

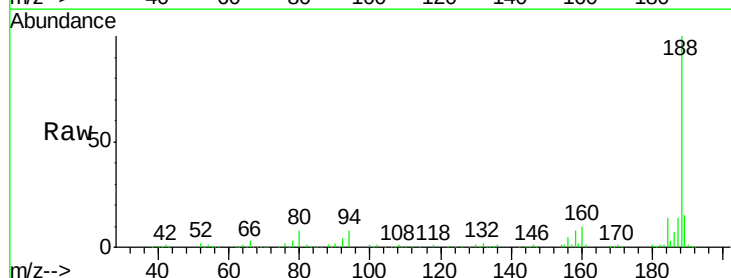


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

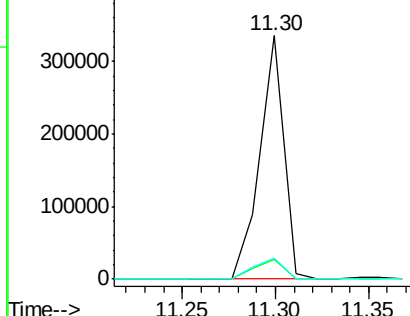
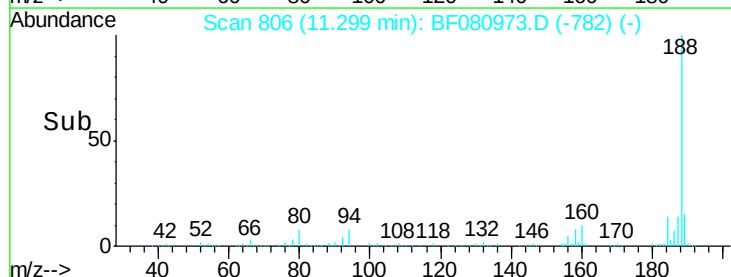


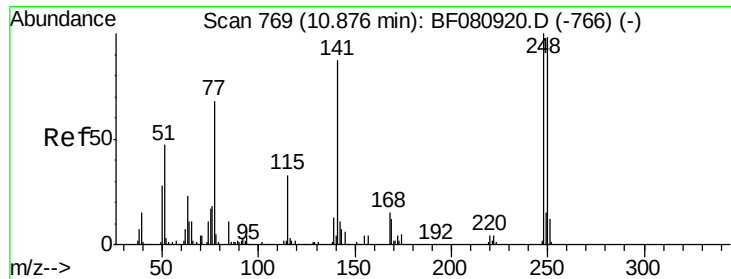
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080973.D
 Acq: 11 Aug 2015 21:11

Tgt Ion:188 Resp: 297372
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.8 13.2#
 80 8.4 9.5 14.3#



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: 2.52 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.27 min

Lab File: BF080973.D

Acq: 11 Aug 2015 21:11

Instrument :

BNA_F

ClientSampleId :

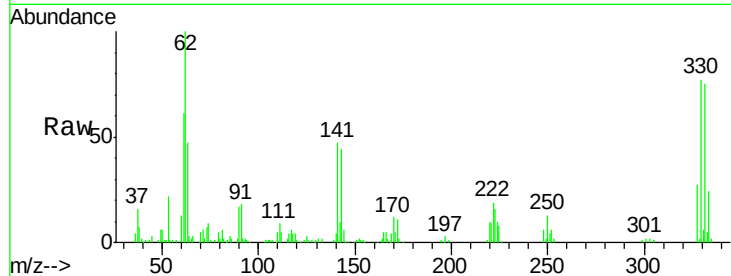
Tot Ion:248 Resp: 7924

Ion Ratio Lower Upper

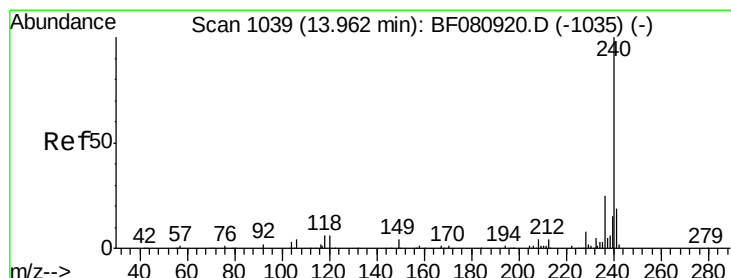
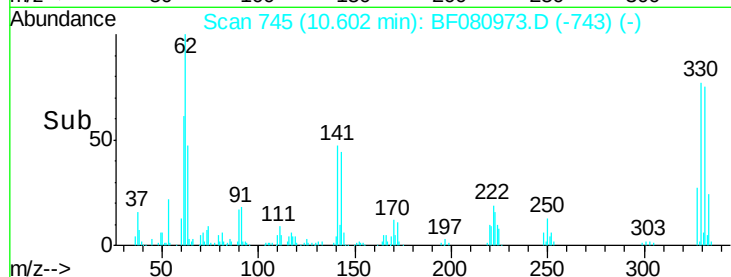
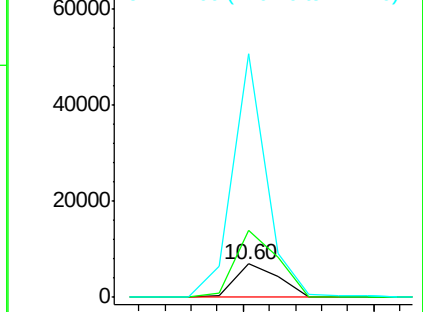
248 100

250 201.4 78.1 117.1#

141 733.1 69.6 104.4#



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# 1035

Delta R.T. -0.05 min

Lab File: BF080973.D

Acq: 11 Aug 2015 21:11

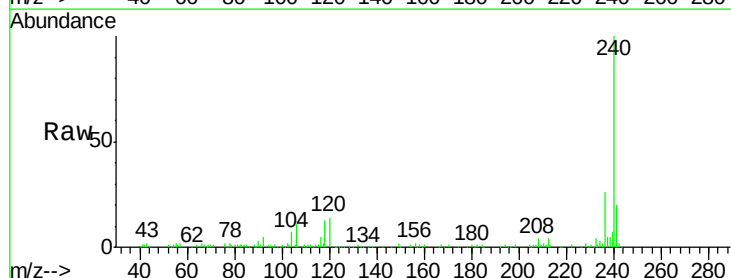
Tgt Ion:240 Resp: 212085

Ion Ratio Lower Upper

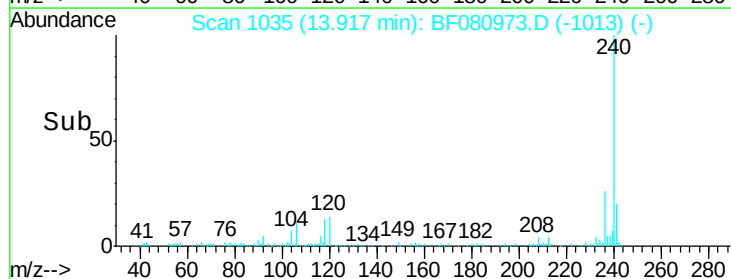
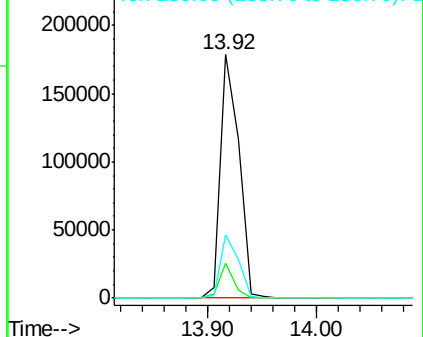
240 100

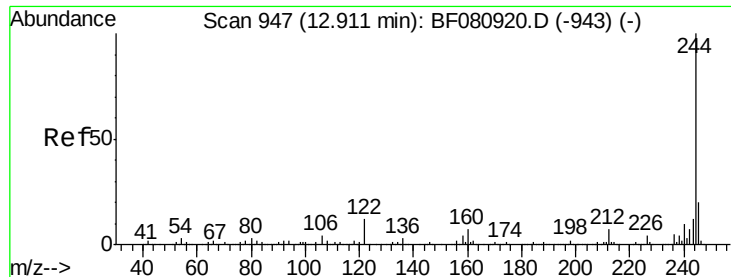
120 14.4 5.2 7.8#

236 26.2 20.2 30.4



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

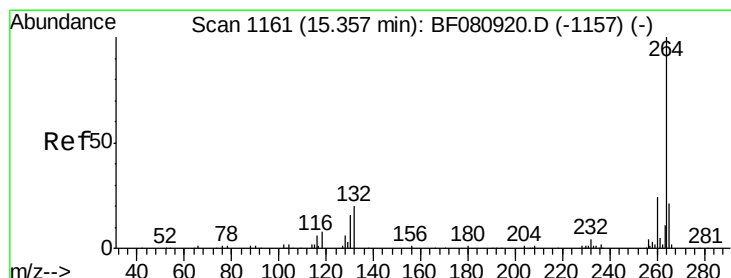
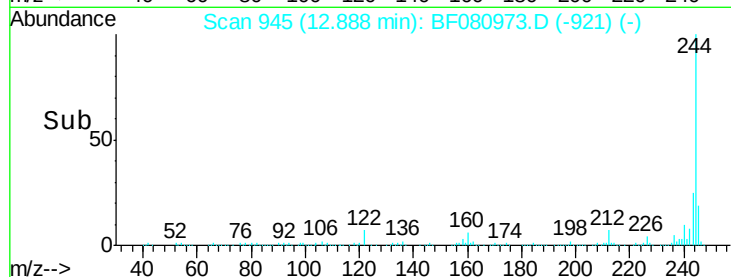
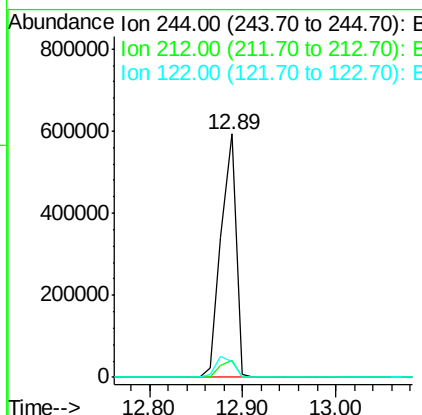
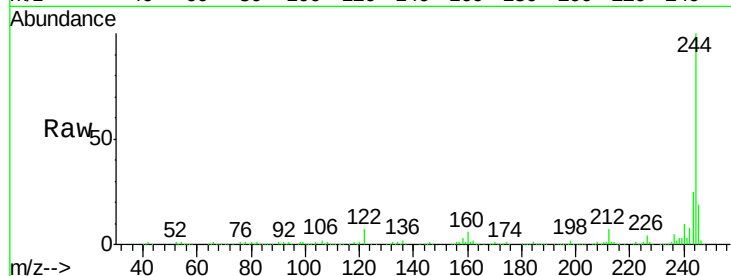




#78
 Terphenyl-d14
 Concen: 64.70 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF080973.D
 Acq: 11 Aug 2015 21:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	6.7	9.4	14.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080973.D
 Acq: 11 Aug 2015 21:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	20.8	17.0	25.4

