

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081064.D
 Acq On : 19 Aug 2015 3:47
 Operator : UM/IZ
 Sample : G3290-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 04:22:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

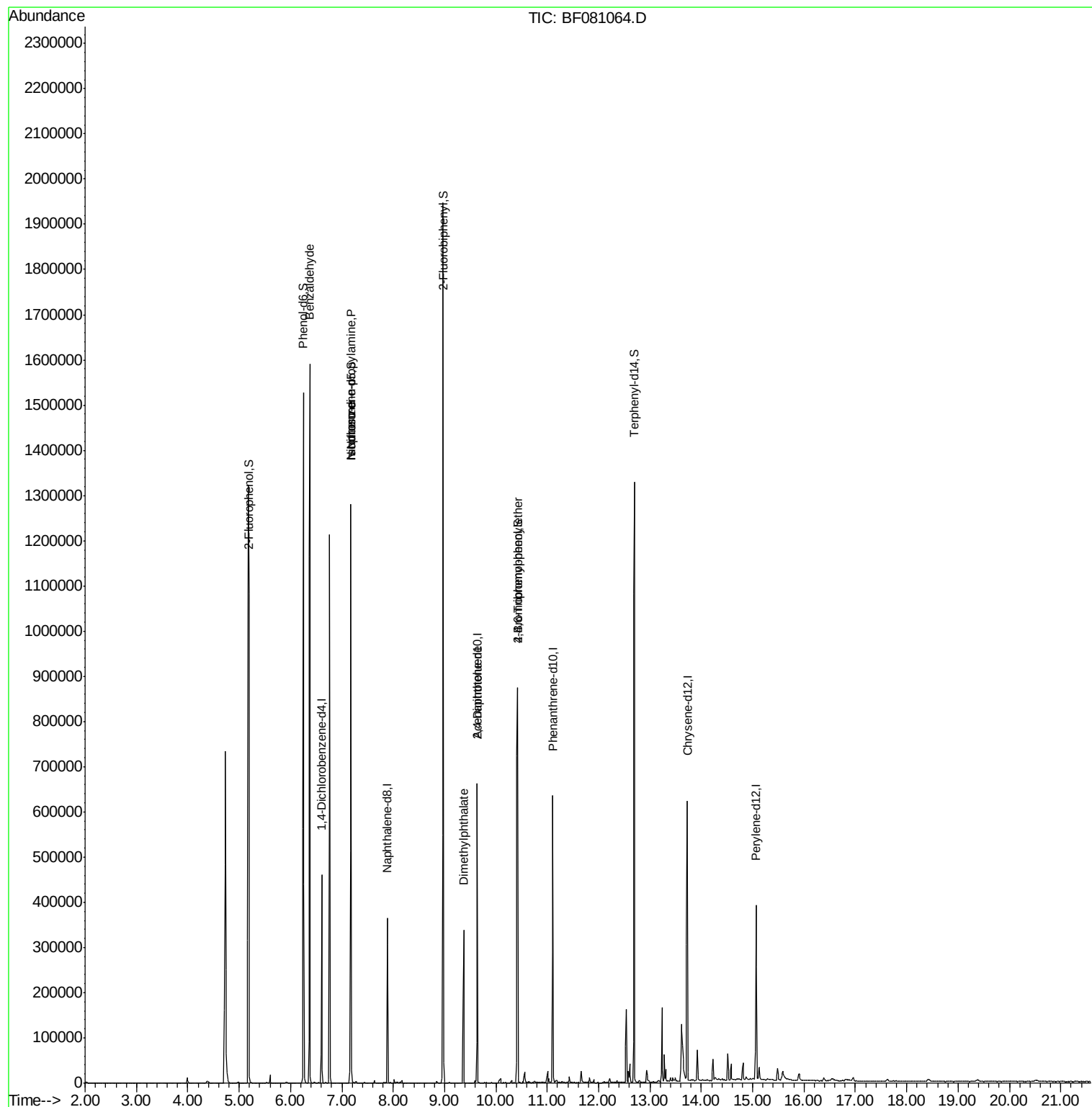
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	59769	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	223081	20.00	ng	-0.02
38) Acenaphthene-d10	9.63	164	117211	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	262299	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	240684	20.00	ng	-0.02
86) Perylene-d12	15.06	264	177036	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	490735	123.49	ng	0.00
7) Phenol-d6	6.25	99	601847	116.08	ng	-0.01
23) Nitrobenzene-d5	7.18	82	424244	86.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	113496	111.71	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	560512	62.66	ng	-0.02
78) Terphenyl-d14	12.70	244	560817	49.95	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	13165	3.94	ng	89
19) n-Nitroso-di-n-propylamine	7.18	70	57889	16.12	ng	# 68
25) Isophorone	7.18	82	418559	45.96	ng	# 71
49) Dimethylphthalate	9.37	163	163735	16.96	ng	99
56) 2,4-Dinitrotoluene	9.63	165	14707	5.35	ng	# 18
66) 4-Bromophenyl-phenylether	10.42	248	9022	3.50	ng	# 1

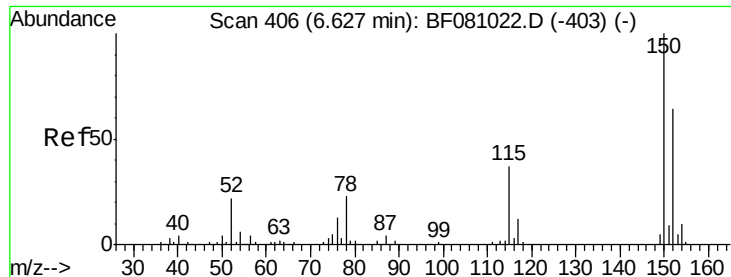
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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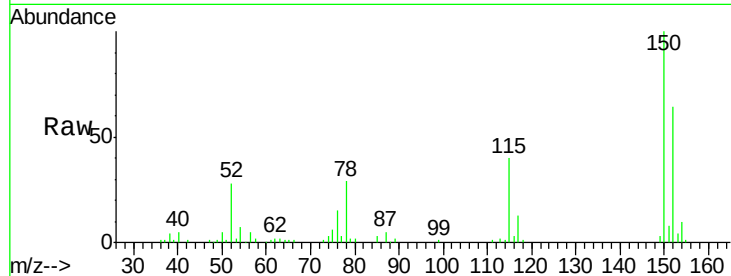


#1

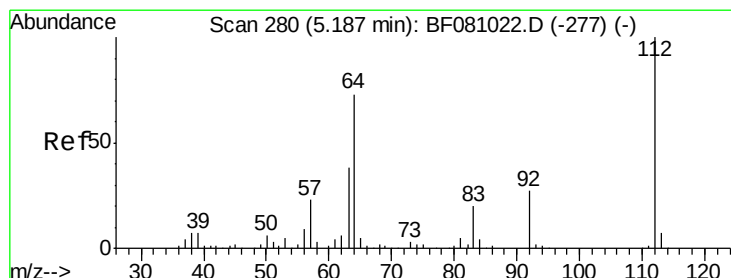
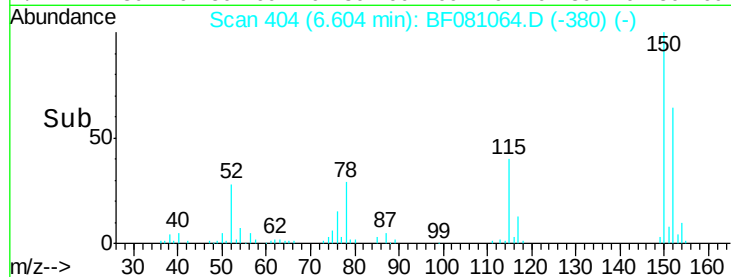
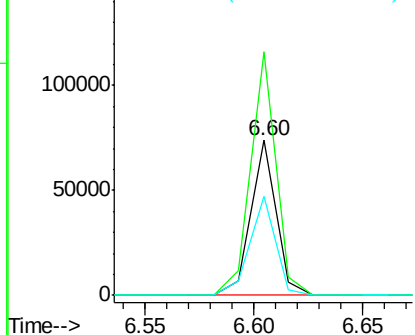
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081064.D
Acq: 19 Aug 2015 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 59769
Ion Ratio Lower Upper
152 100
150 157.2 123.8 185.6
115 63.5 52.1 78.1



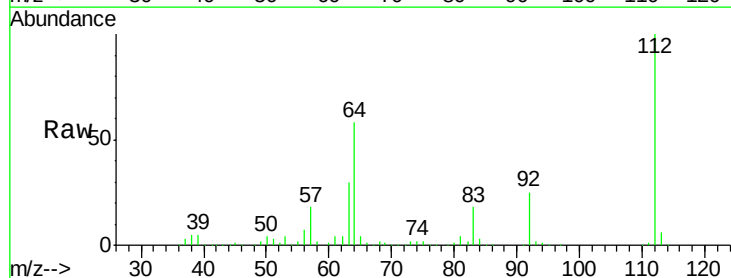
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



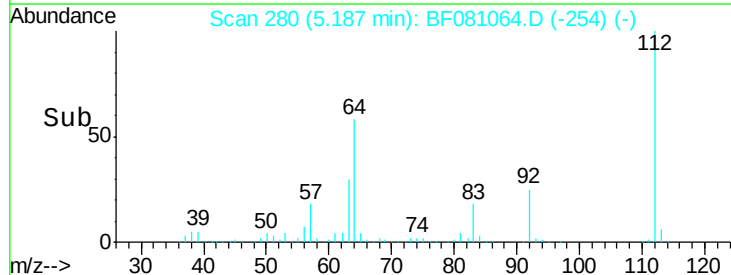
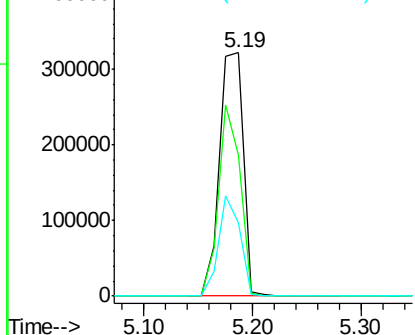
#5

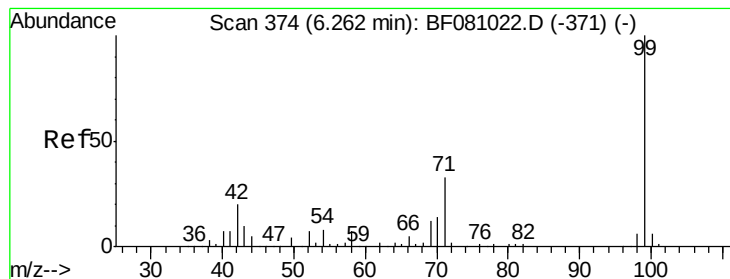
2-Fluorophenol
Concen: 123.49 ng
RT: 5.19 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF081064.D
Acq: 19 Aug 2015 3:47

Tgt Ion:112 Resp: 490735
Ion Ratio Lower Upper
112 100
64 58.1 66.9 100.3#
63 30.3 38.1 57.1#



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: 116.08 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081064.D

Acq: 19 Aug 2015 3:47

Instrument :

BNA_F

ClientSampleId :

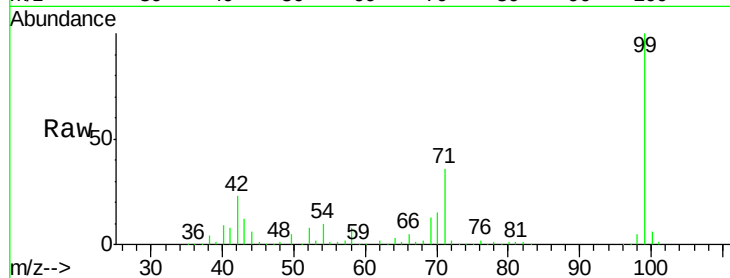
Tot Ion: 99 Resp: 601847

Ion Ratio Lower Upper

99 100

42 23.3 19.6 29.4

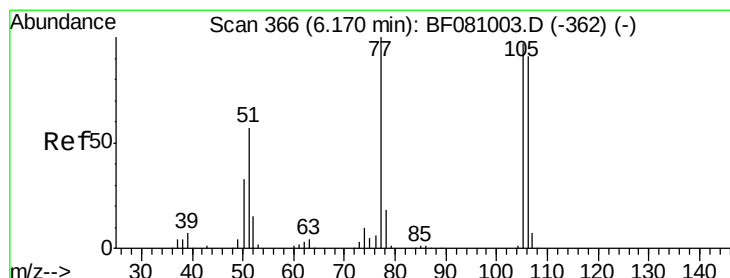
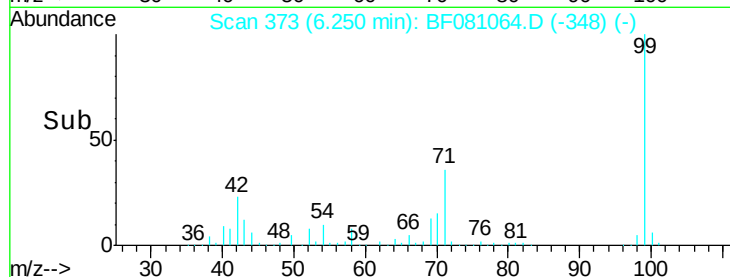
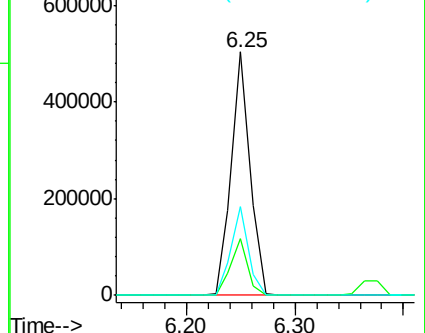
71 36.5 31.2 46.8



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: 3.94 ng

RT: 6.38 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF081064.D

Acq: 19 Aug 2015 3:47

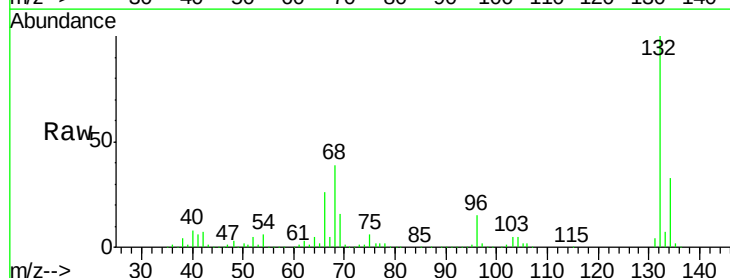
Tgt Ion: 77 Resp: 13165

Ion Ratio Lower Upper

77 100

105 81.0 69.6 109.6

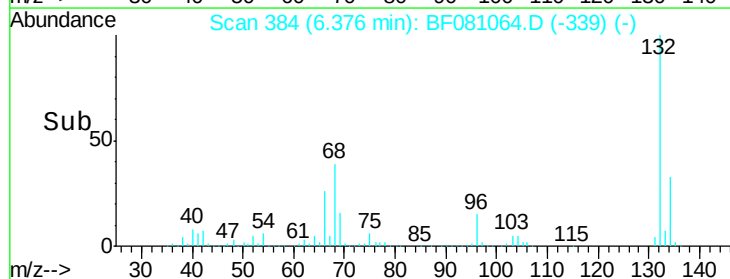
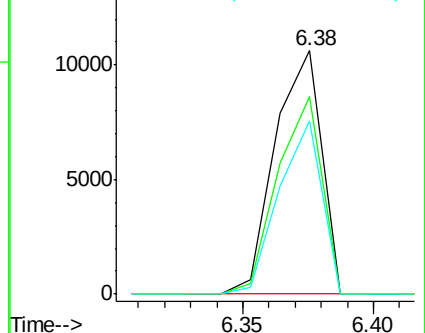
106 71.3 64.0 104.0

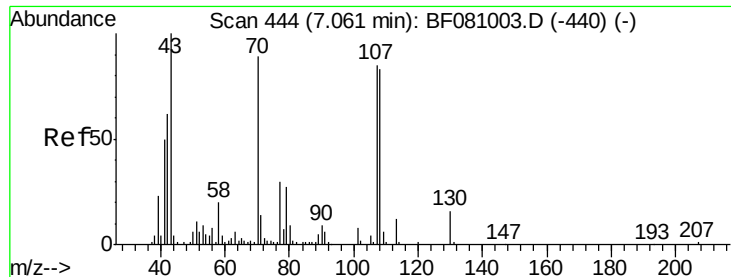


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

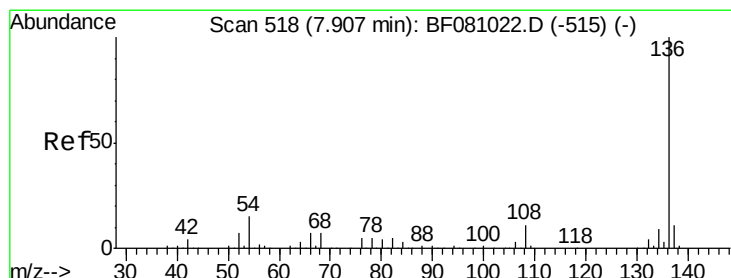
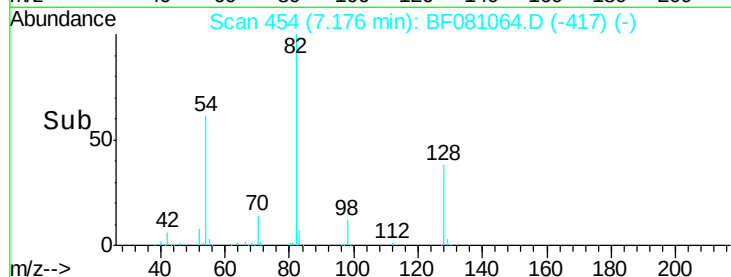
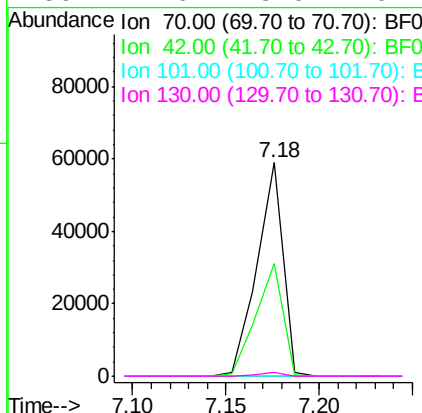
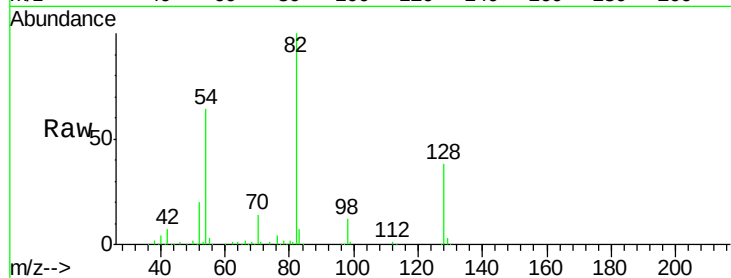




#19
n-Nitroso-di-n-propylamine
Concen: 16.12 ng
RT: 7.18 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF081064.D
Acq: 19 Aug 2015 3:47

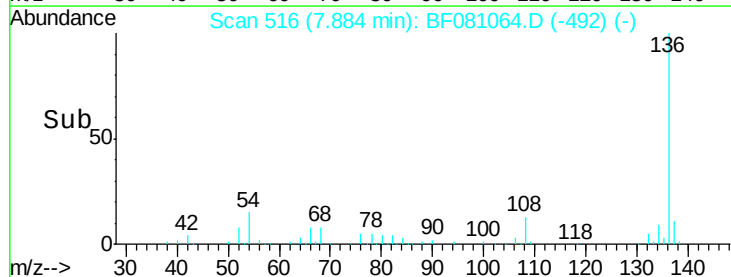
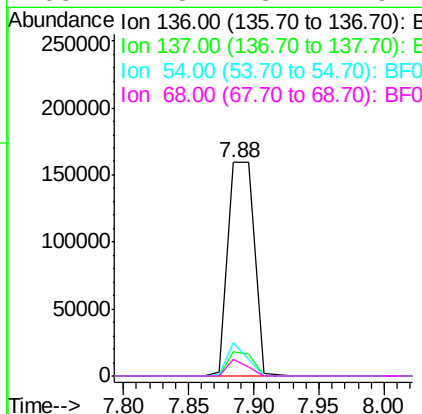
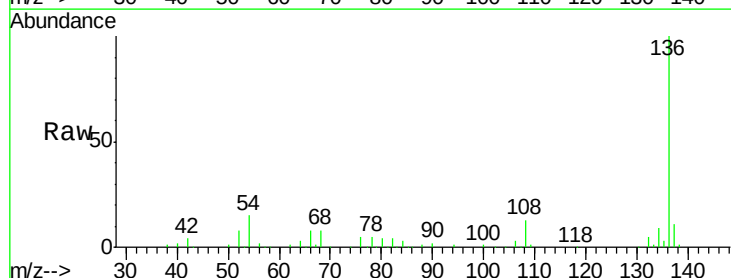
Instrument :
BNA_F
ClientSampleId :

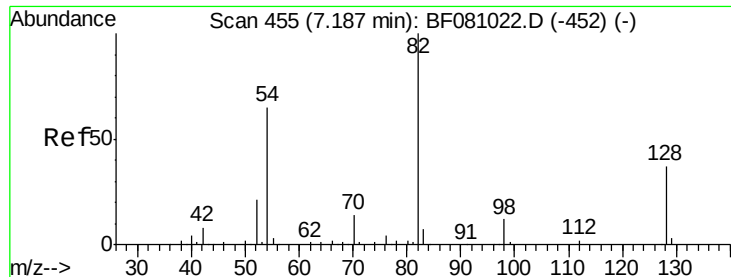
Tot Ion: 70 Resp: 57889
Ion Ratio Lower Upper
70 100
42 52.7 65.0 97.4#
101 0.0 7.4 11.2#
130 1.6 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF081064.D
Acq: 19 Aug 2015 3:47

Tgt Ion: 136 Resp: 223081
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 15.5 7.7 11.5#
68 7.8 3.4 5.2#

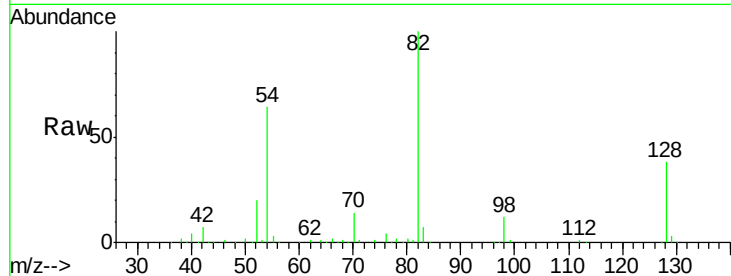




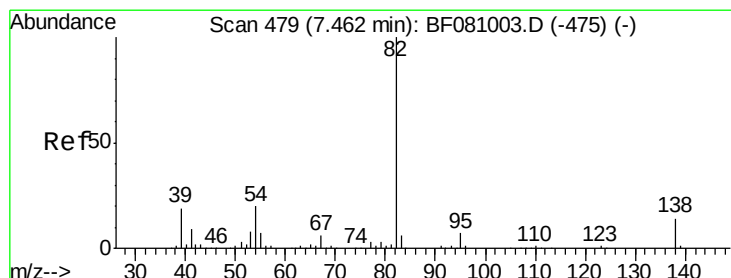
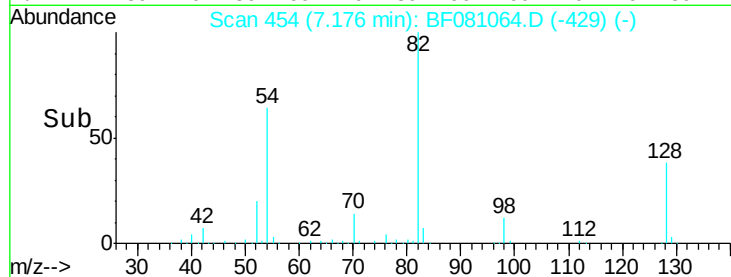
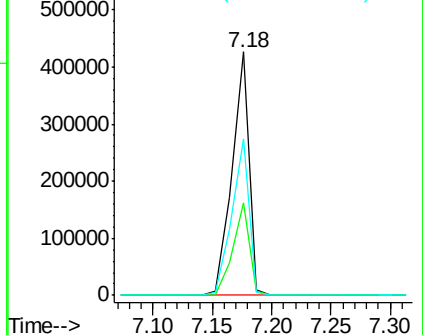
#23
 Nitrobenzene-d5
 Concen: 86.87 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081064.D
 Acq: 19 Aug 2015 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	424244
Ion Ratio	100	Lower	Upper
128	37.8	28.6	42.8
54	64.1	55.1	82.7

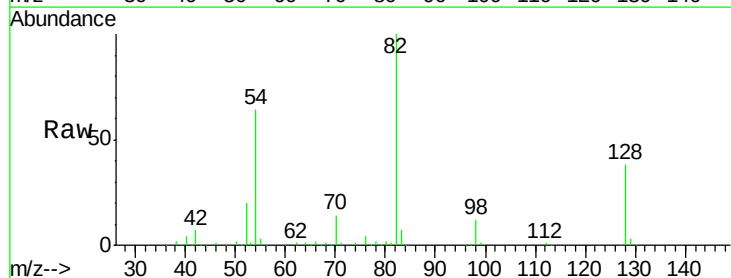


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

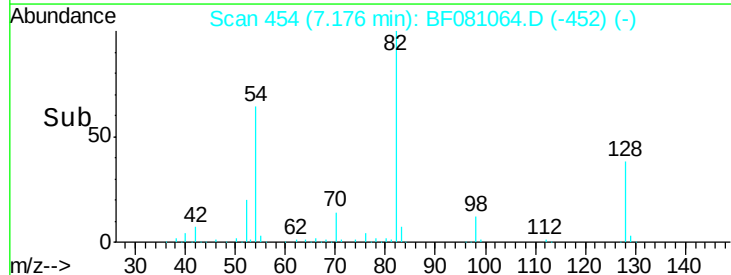
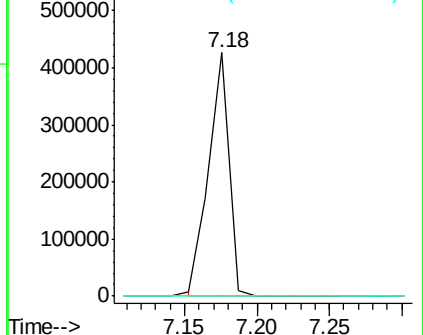


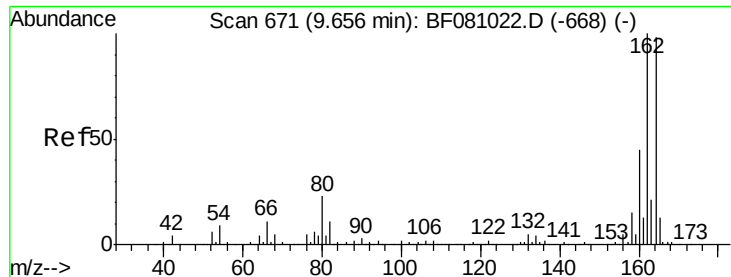
#25
 Isophorone
 Concen: 45.96 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.27 min
 Lab File: BF081064.D
 Acq: 19 Aug 2015 3:47

Tgt Ion	82	Resp	418559
Ion Ratio	100	Lower	Upper
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#



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: 9.63 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF081064.D

Acq: 19 Aug 2015 3:47

Instrument :

BNA_F

ClientSampleId :

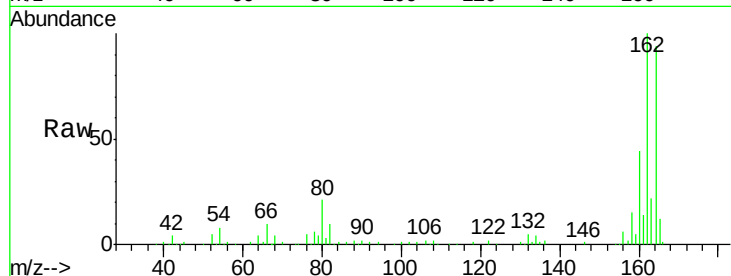
Tot Ion:164 Resp: 117211

Ion Ratio Lower Upper

164 100

162 106.7 83.8 125.8

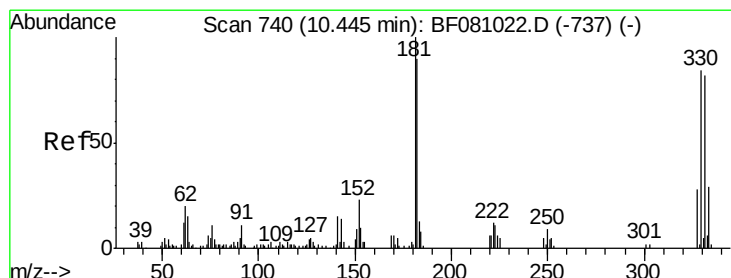
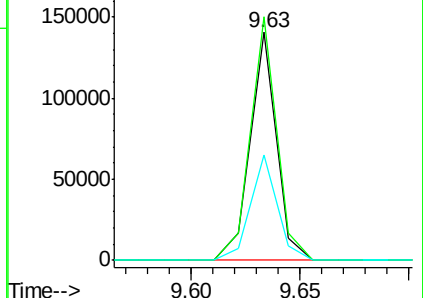
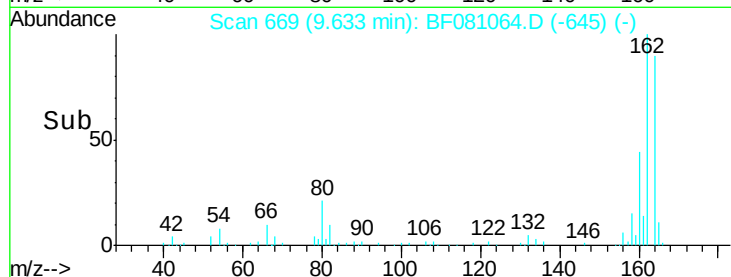
160 46.5 39.8 59.8



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: 111.71 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF081064.D

Acq: 19 Aug 2015 3:47

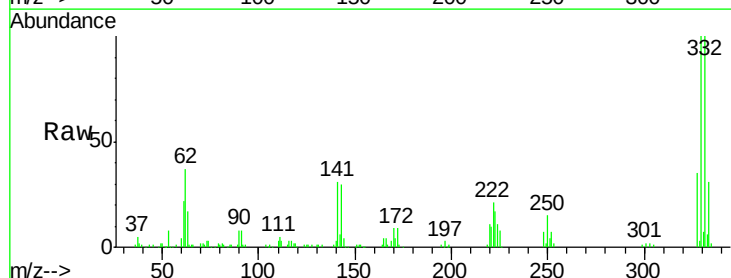
Tgt Ion:330 Resp: 113496

Ion Ratio Lower Upper

330 100

332 98.9 77.3 115.9

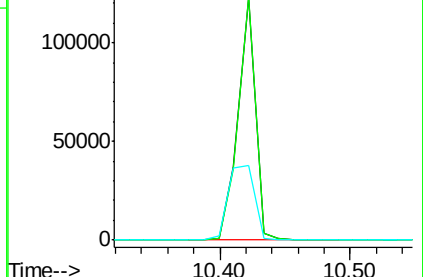
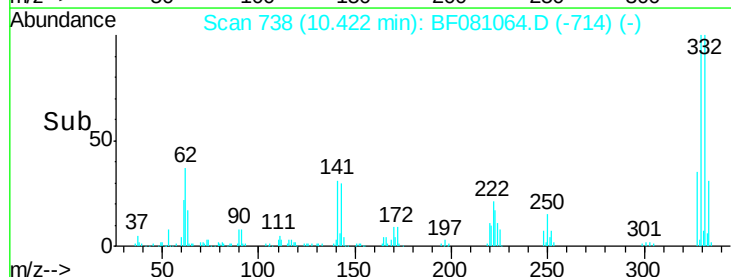
141 46.7 44.9 67.3

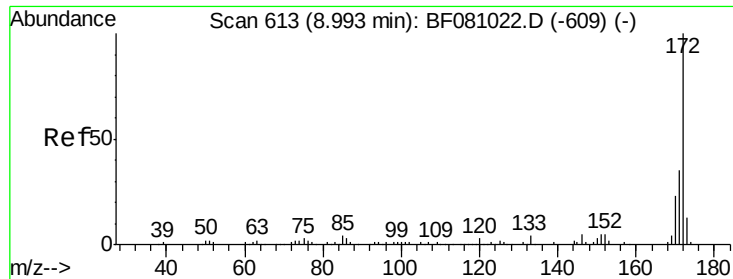


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

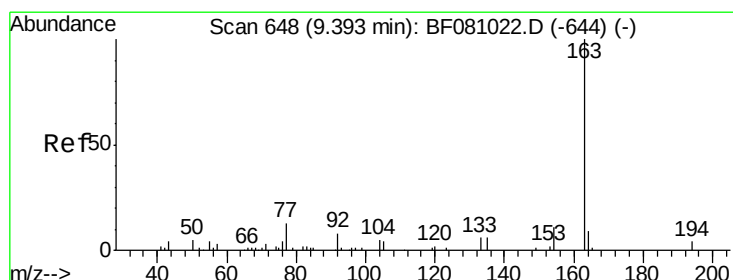
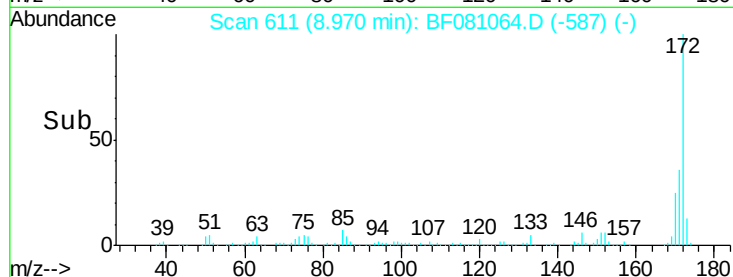
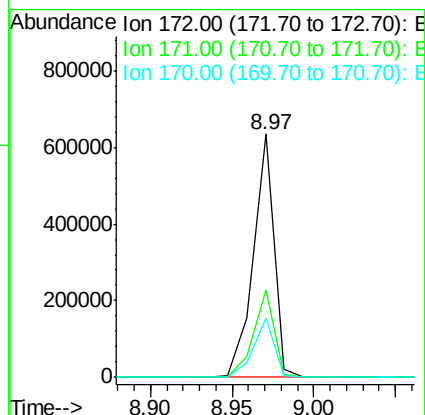
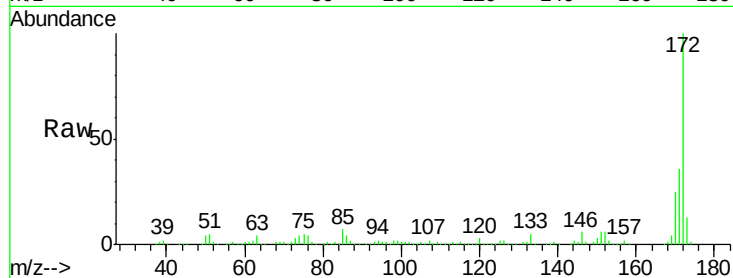




#44
2-Fluorobiphenyl
Concen: 62.66 ng
RT: 8.97 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF081064.D
Acq: 19 Aug 2015 3:47

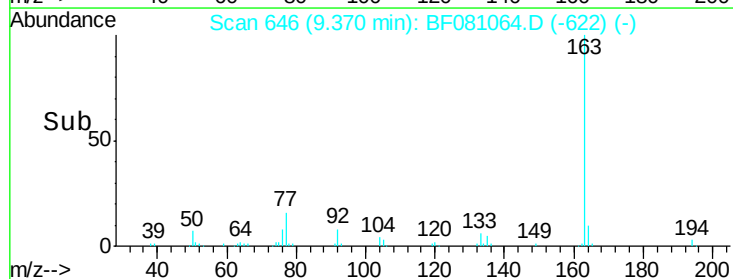
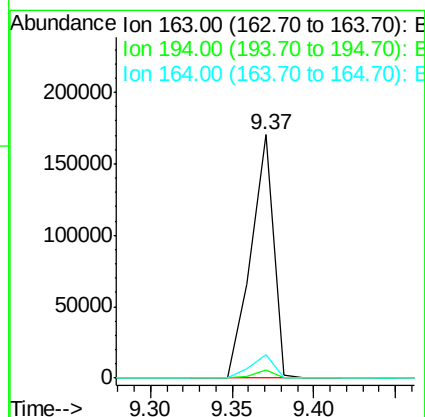
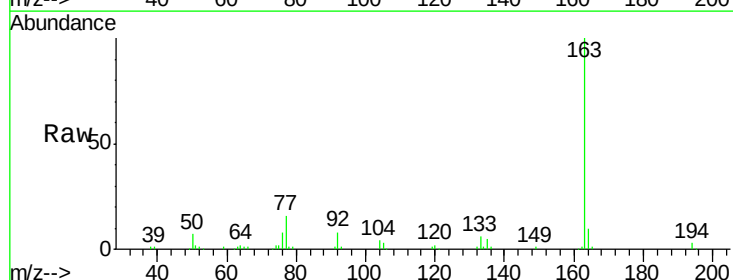
Instrument :
BNA_F
ClientSampleId :

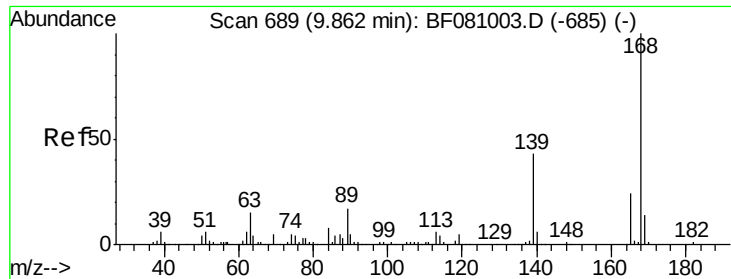
Tot Ion:172 Resp: 560512
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 24.6 19.4 29.2



#49
Dimethylphthalate
Concen: 16.96 ng
RT: 9.37 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF081064.D
Acq: 19 Aug 2015 3:47

Tgt Ion:163 Resp: 163735
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 9.7 8.1 12.1

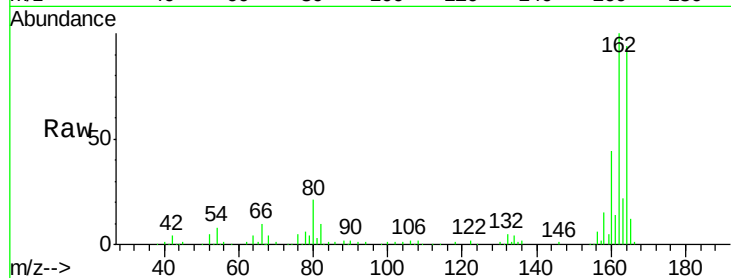




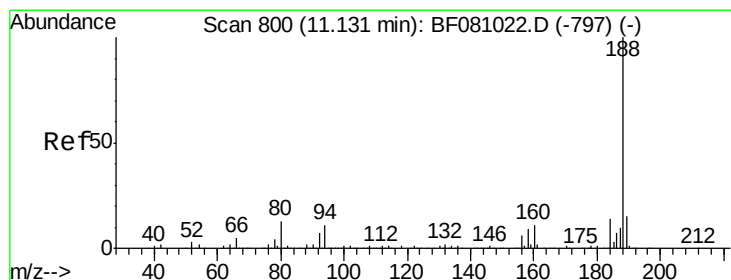
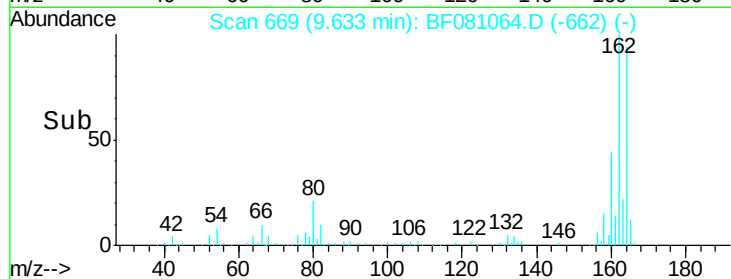
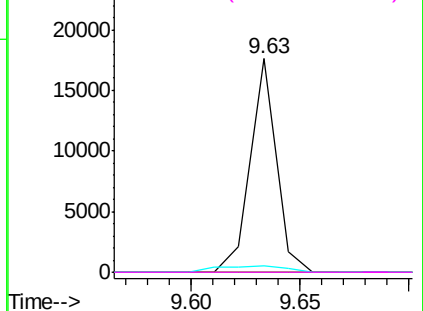
#56
2,4-Dinitrotoluene
Concen: 5.35 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.22 min
Lab File: BF081064.D
Acq: 19 Aug 2015 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 14707
Ion Ratio Lower Upper
165 100
63 0.0 52.2 78.4#
89 3.3 60.1 90.1#
182 0.0 1.8 2.6#

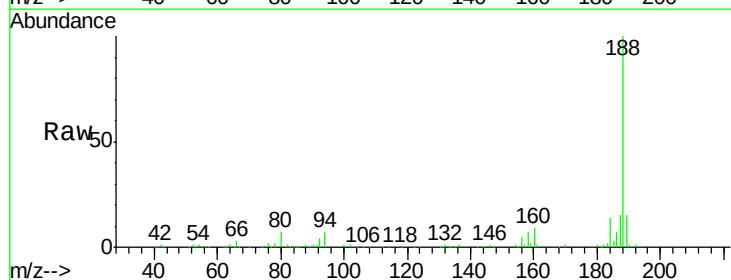


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

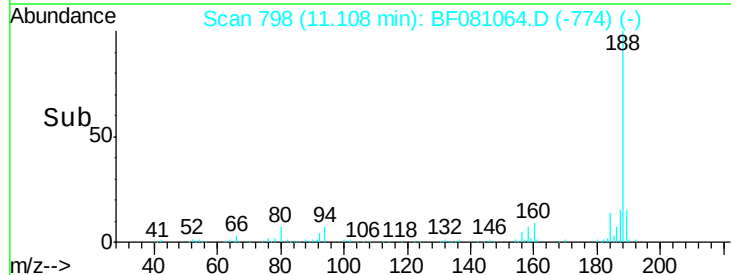
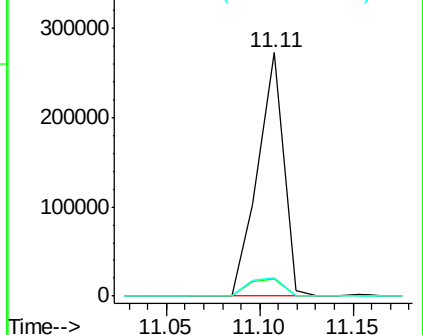


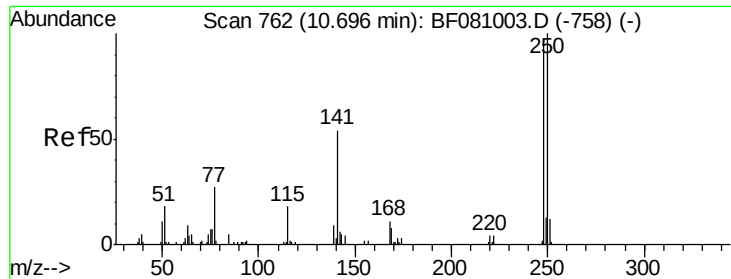
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081064.D
Acq: 19 Aug 2015 3:47

Tgt Ion:188 Resp: 262299
Ion Ratio Lower Upper
188 100
94 7.1 8.2 12.2#
80 7.5 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: 3.50 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF081064.D

Acq: 19 Aug 2015 3:47

Instrument :

BNA_F

ClientSampled :

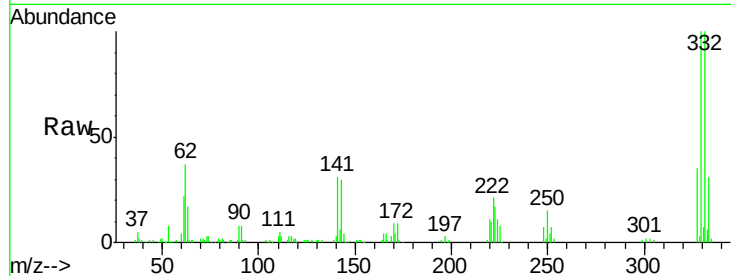
Tot Ion:248 Resp: 9022

Ion Ratio Lower Upper

248 100

250 202.6 77.8 116.6#

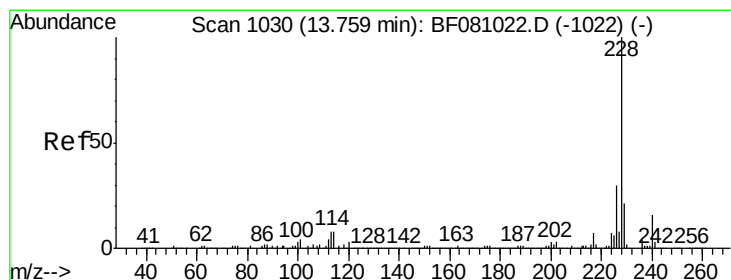
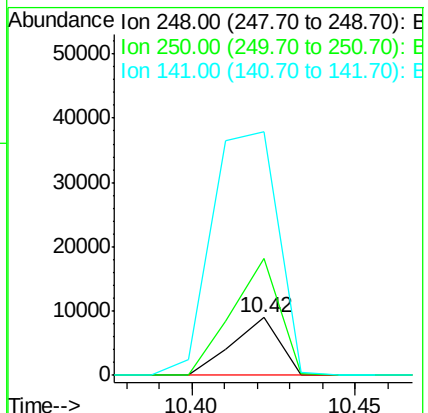
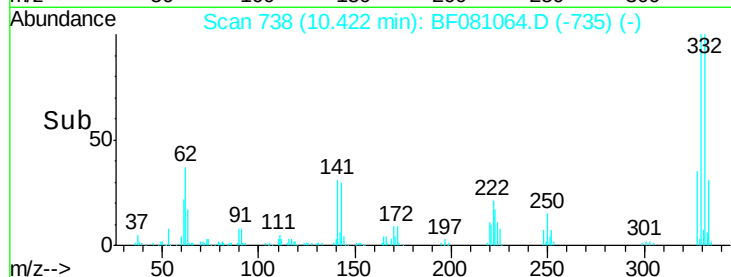
141 420.0 39.8 59.6#



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: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081064.D

Acq: 19 Aug 2015 3:47

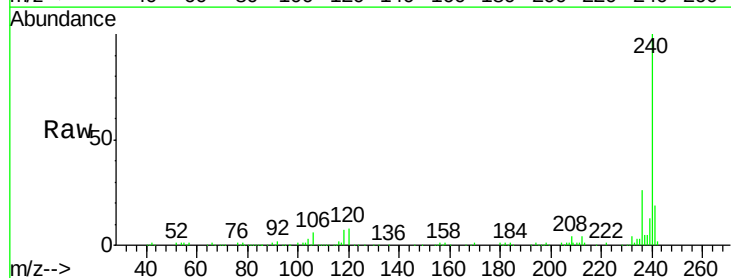
Tgt Ion:240 Resp: 240684

Ion Ratio Lower Upper

240 100

120 7.7 5.6 8.4

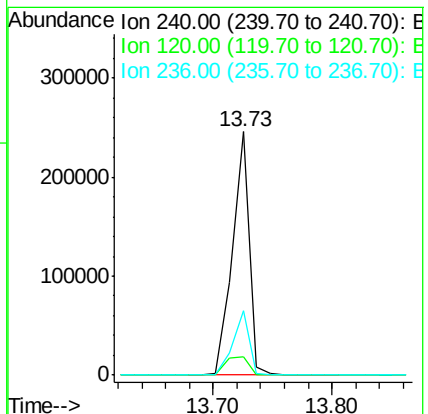
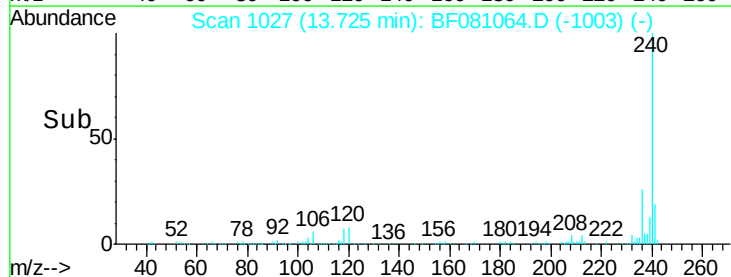
236 26.3 20.6 30.8

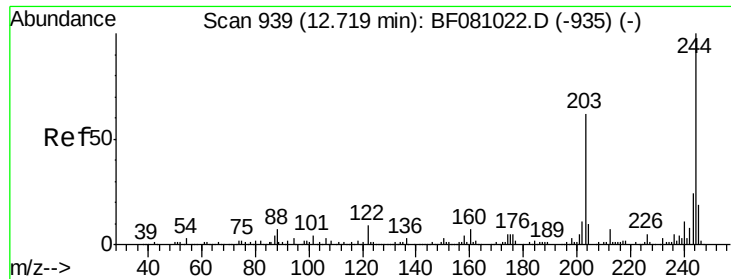


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

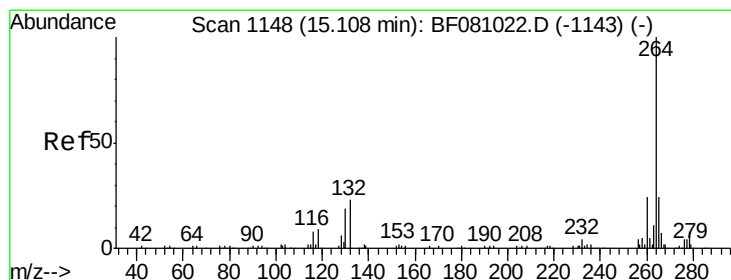
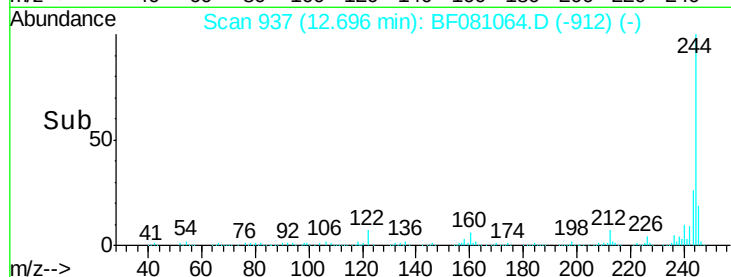
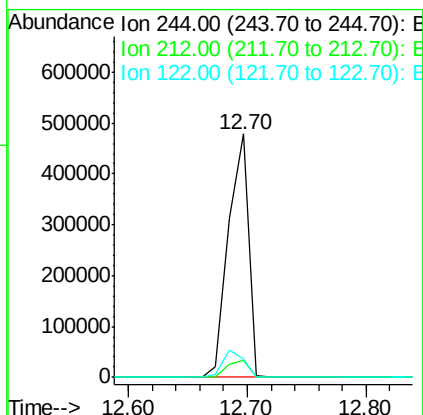
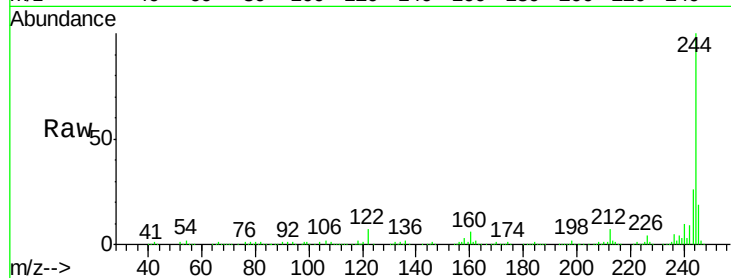




#78
 Terphenyl-d14
 Concen: 49.95 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081064.D
 Acq: 19 Aug 2015 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 560817
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 7.5 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1144
 Delta R.T. -0.03 min
 Lab File: BF081064.D
 Acq: 19 Aug 2015 3:47

Tgt Ion:264 Resp: 177036
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.7 17.5 26.3

