

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081715\
 Data File : BF081009.D
 Acq On : 17 Aug 2015 18:08
 Operator : UM/IZ
 Sample : G3260-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCB-015CS1(0-25ABGS)

Quant Time: Aug 18 00:42:45 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

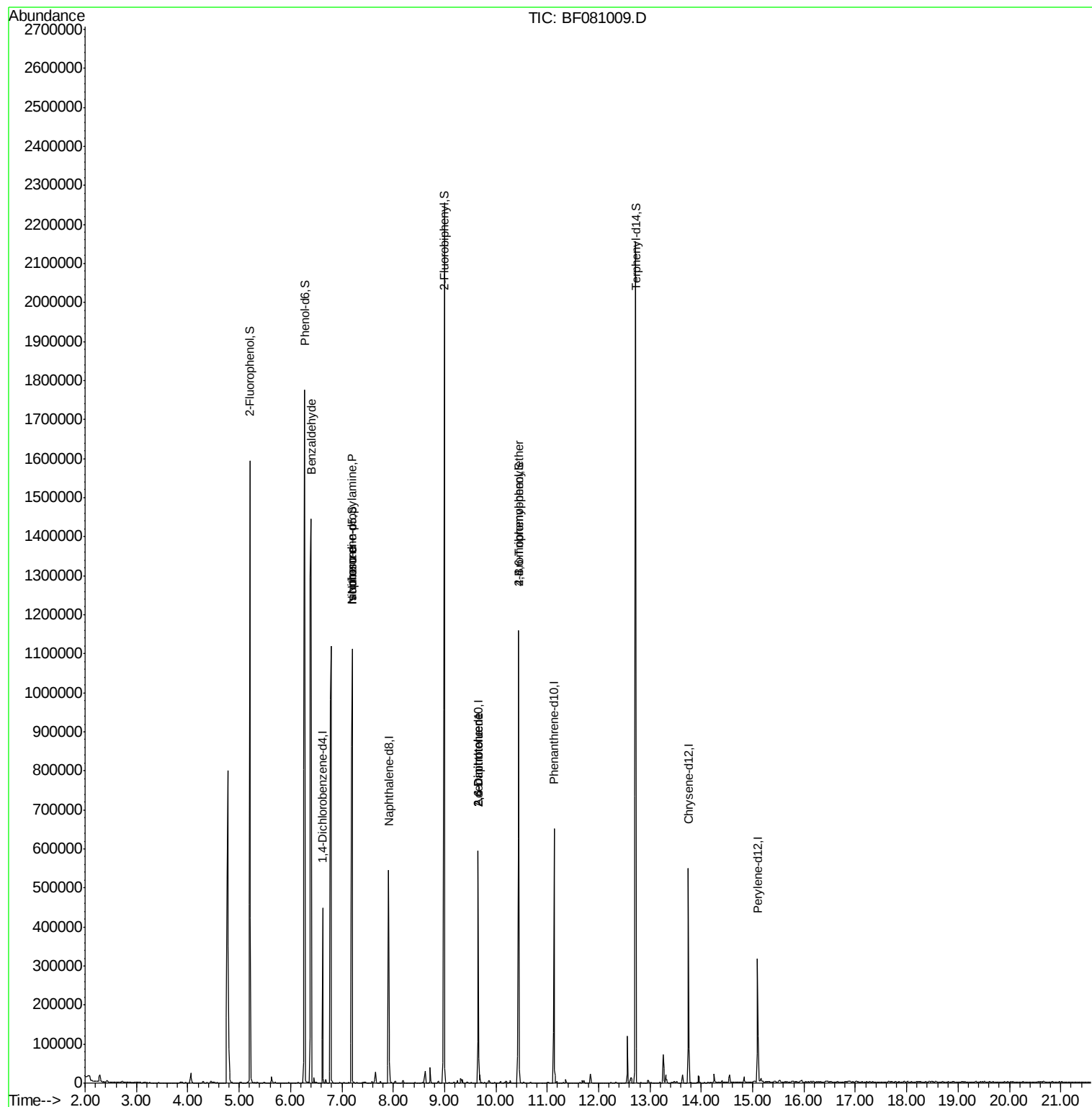
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	62675	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	227023	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	109782	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	222097	20.00	ng	0.00
75) Chrysene-d12	13.75	240	180102	20.00	ng	0.00
86) Perylene-d12	15.10	264	129440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	433058	103.93	ng	0.02
7) Phenol-d6	6.27	99	605709	111.41	ng	0.01
23) Nitrobenzene-d5	7.20	82	476470	95.88	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	118870	124.91	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	732737	87.45	ng	0.00
78) Terphenyl-d14	12.72	244	630651	75.07	ng	0.01
Target Compounds						
9) Benzaldehyde	6.40	77	12968	3.70	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.20	70	63049	16.74	ng	# 63
25) Isophorone	7.20	82	454178	49.01	ng	# 71
50) 2,6-Dinitrotoluene	9.66	165	13898	7.16	ng	# 20
56) 2,4-Dinitrotoluene	9.66	165	13898	5.40	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	9506	4.36	ng	# 1

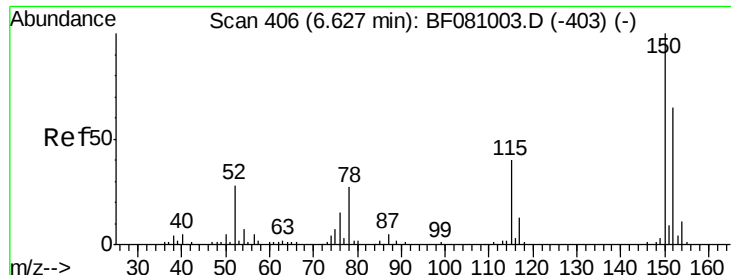
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF081009.D

Acq: 17 Aug 2015 18:08

Instrument :

BNA_F

ClientSampleId :

NCB-015CS1(0-25ABGS)

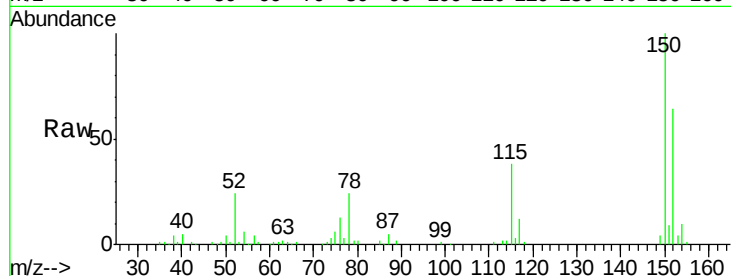
Tot Ion:152 Resp: 62675

Ion Ratio Lower Upper

152 100

150 156.9 123.8 185.6

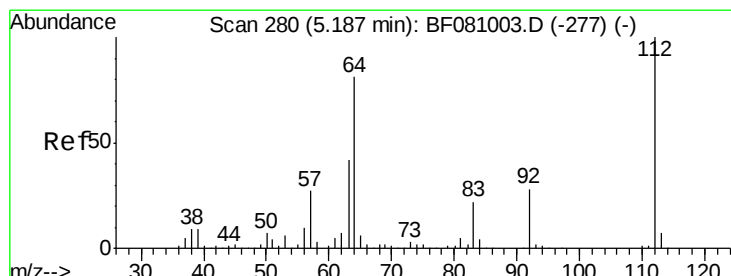
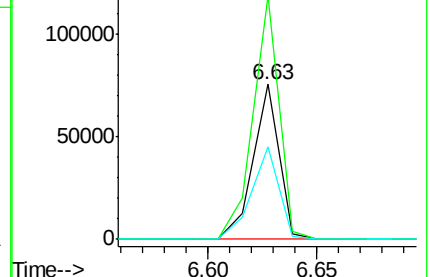
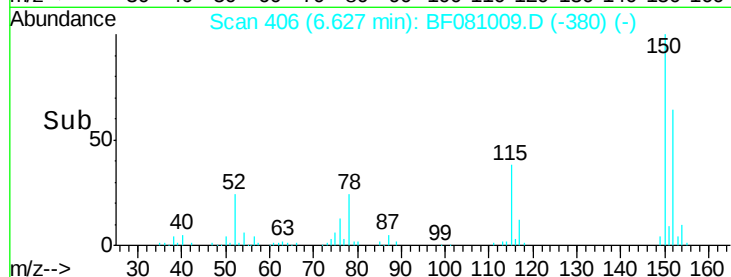
115 59.5 52.1 78.1



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: 103.93 ng

RT: 5.21 min Scan# 282

Delta R.T. 0.02 min

Lab File: BF081009.D

Acq: 17 Aug 2015 18:08

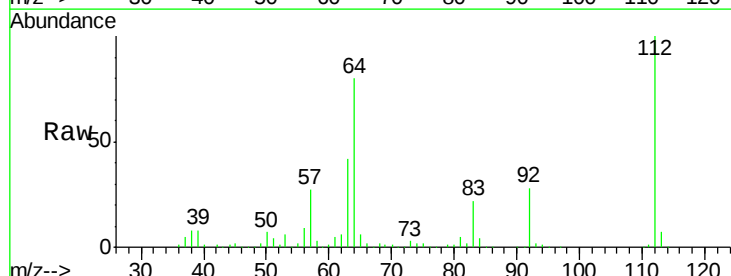
Tgt Ion:112 Resp: 433058

Ion Ratio Lower Upper

112 100

64 79.7 66.9 100.3

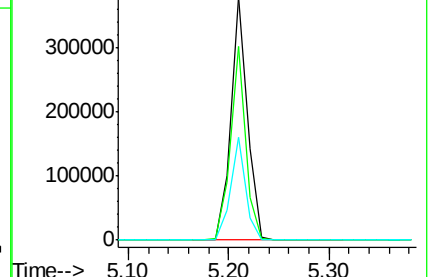
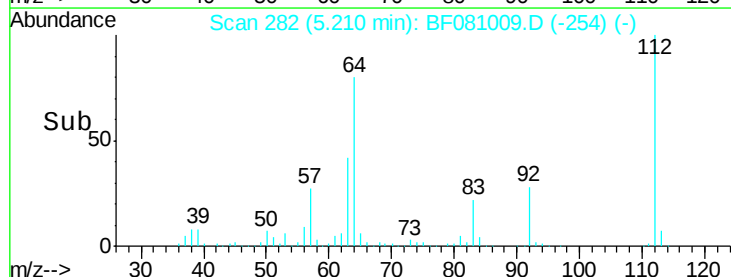
63 42.3 38.1 57.1

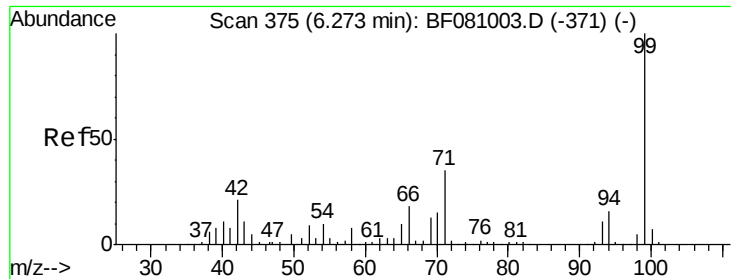


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.41 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081009.D

Acq: 17 Aug 2015 18:08

Instrument :

BNA_F

ClientSampleId :

NCB-015CS1(0-25ABGS)

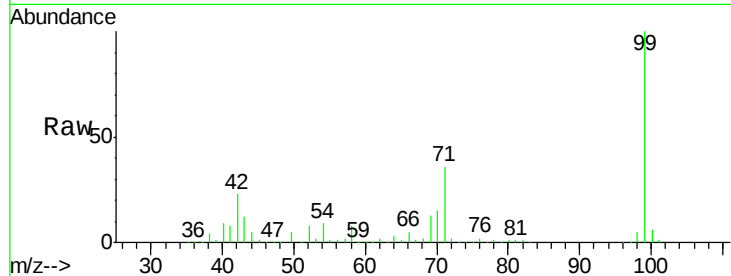
Tot Ion: 99 Resp: 605709

Ion Ratio Lower Upper

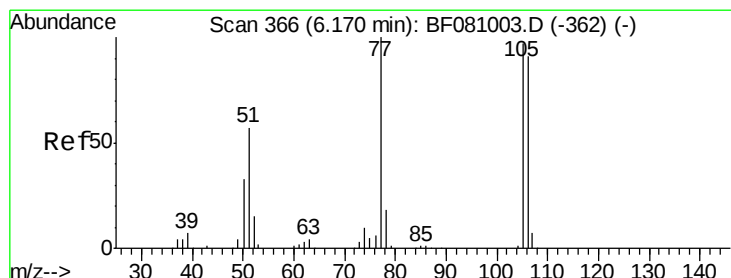
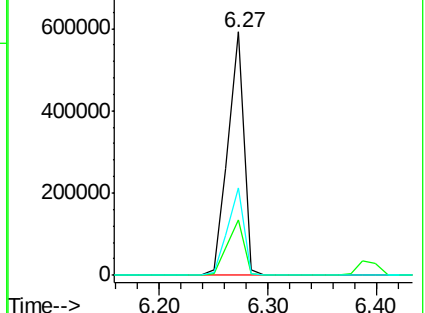
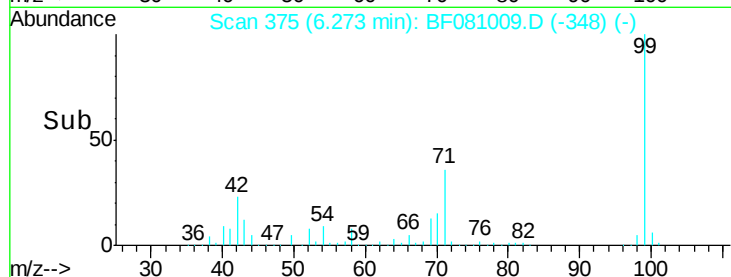
99 100

42 22.8 19.6 29.4

71 35.8 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: 3.70 ng

RT: 6.40 min Scan# 386

Delta R.T. 0.24 min

Lab File: BF081009.D

Acq: 17 Aug 2015 18:08

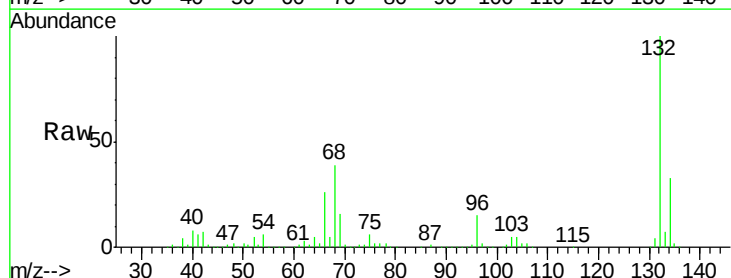
Tgt Ion: 77 Resp: 12968

Ion Ratio Lower Upper

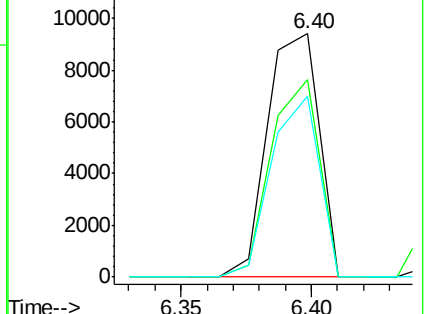
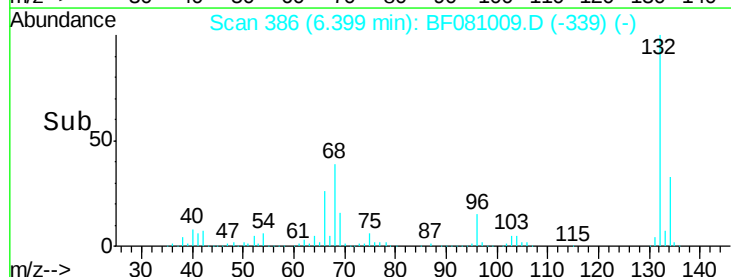
77 100

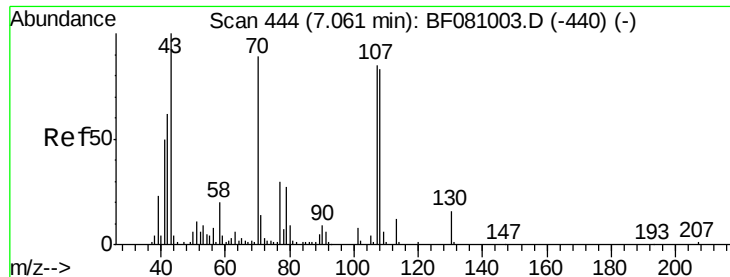
105 80.9 69.6 109.6

106 74.1 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

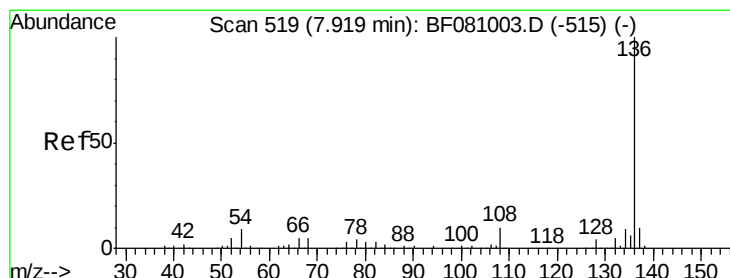
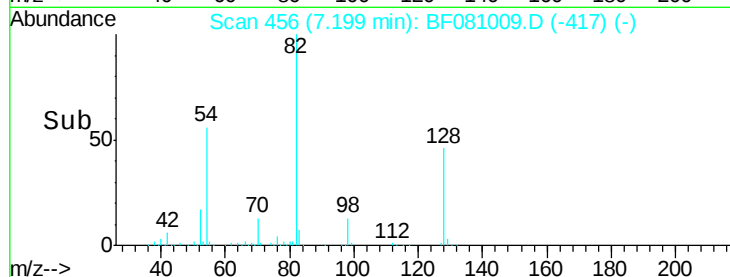
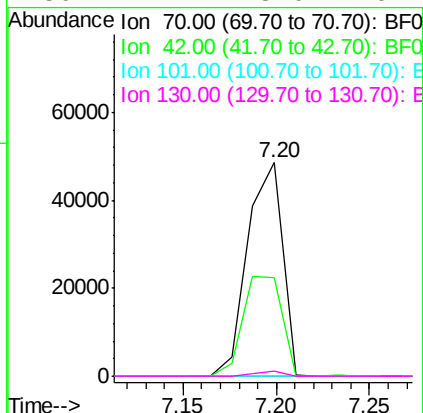
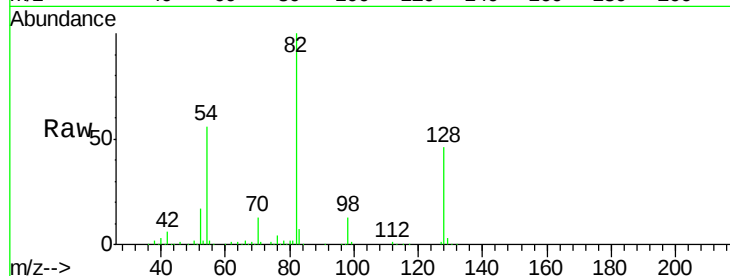




#19
n-Nitroso-di-n-propylamine
Concen: 16.74 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.15 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

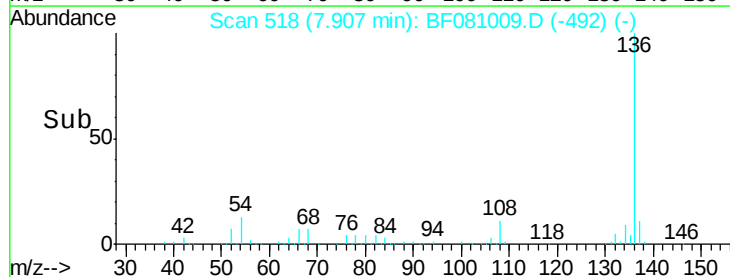
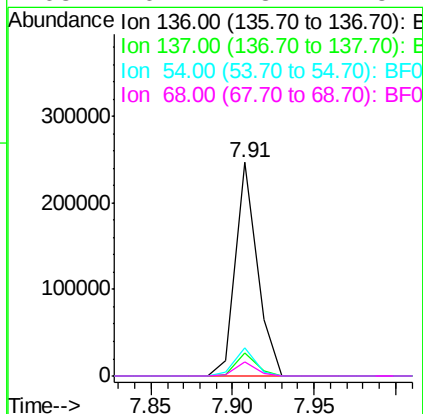
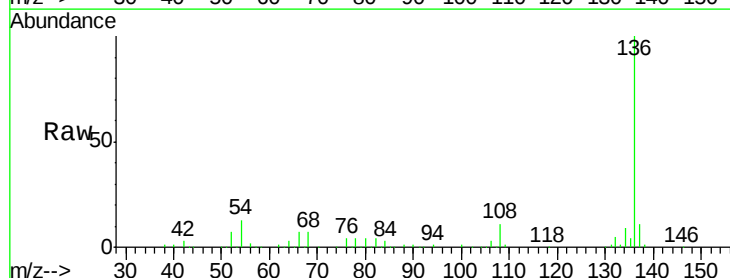
Instrument :
BNA_F
ClientSampleId :
NCB-015CS1(0-25ABGS)

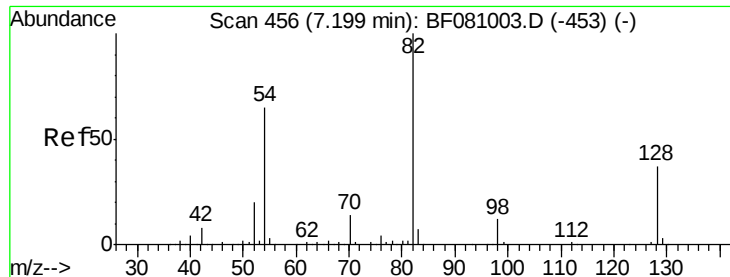
Tot Ion: 70 Resp: 63049
Ion Ratio Lower Upper
70 100
42 46.3 65.0 97.4#
101 0.0 7.4 11.2#
130 2.2 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Tgt Ion: 136 Resp: 227023
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 13.2 7.7 11.5#
68 6.7 3.4 5.2#





#23

Nitrobenzene-d5

Concen: 95.88 ng

RT: 7.20 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF081009.D

Acq: 17 Aug 2015 18:08

Instrument :

BNA_F

ClientSampleId :

NCB-015CS1(0-25ABGS)

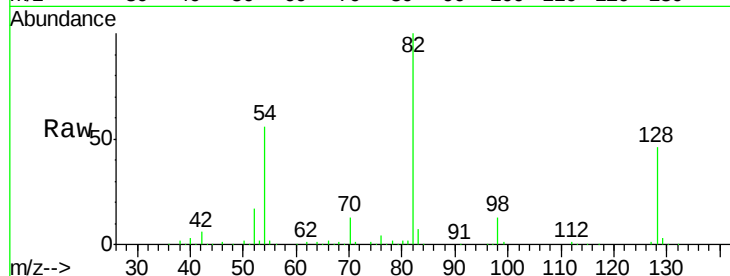
Tot Ion: 82 Resp: 476470

Ion Ratio Lower Upper

82 100

128 45.9 28.6 42.8#

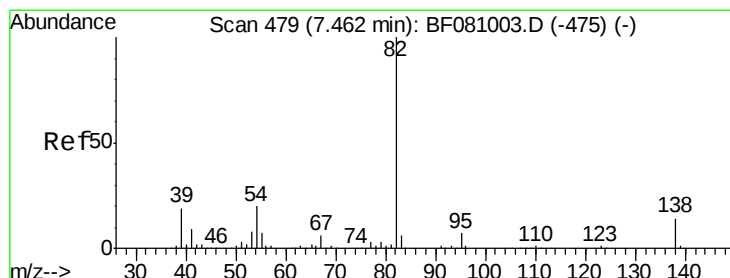
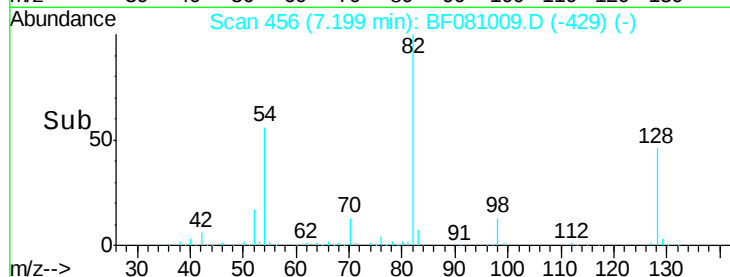
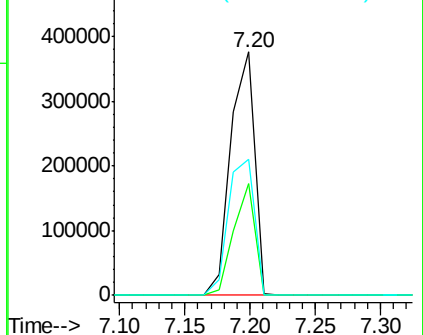
54 55.8 55.1 82.7



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: 49.01 ng

RT: 7.20 min Scan# 456

Delta R.T. -0.25 min

Lab File: BF081009.D

Acq: 17 Aug 2015 18:08

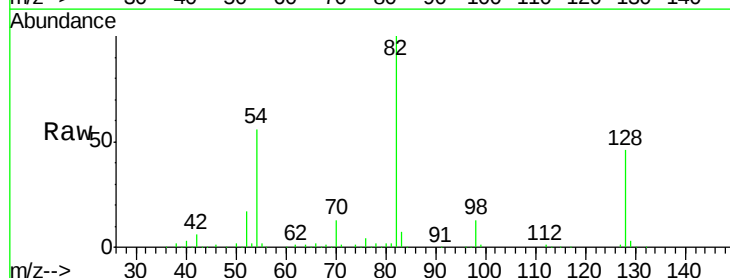
Tgt Ion: 82 Resp: 454178

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

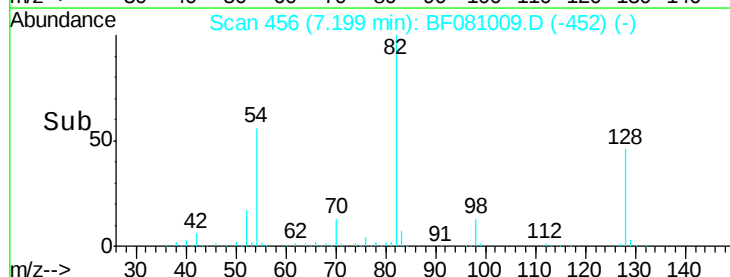
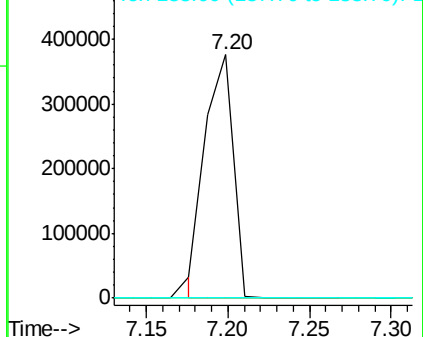
138 0.0 10.5 15.7#

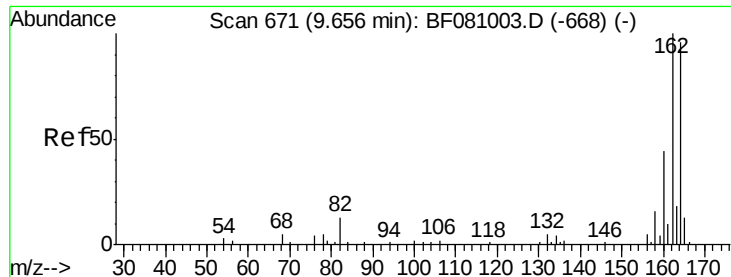


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.66 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081009.D

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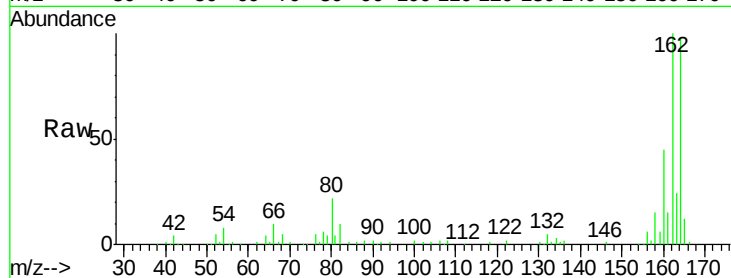
Tot Ion:164 Resp: 109782

Ion Ratio Lower Upper

164 100

162 101.8 83.8 125.8

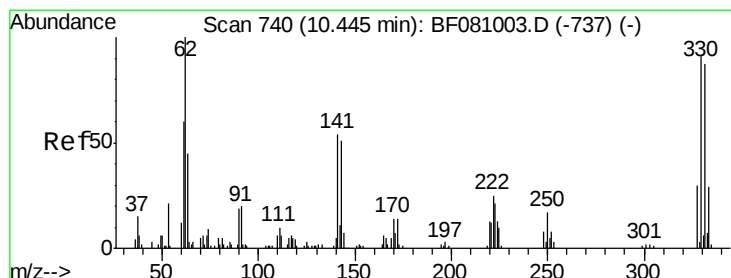
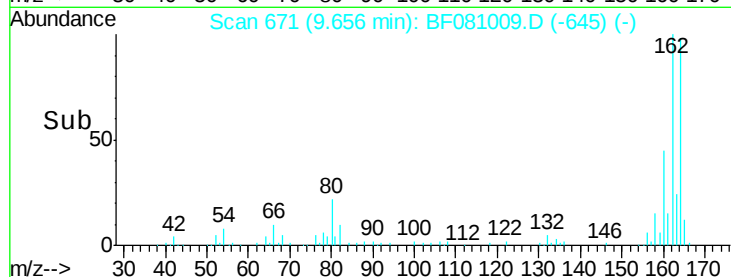
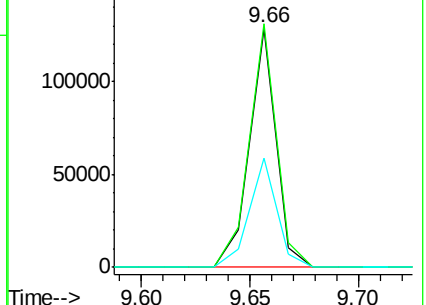
160 45.4 39.8 59.8



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: 124.91 ng

RT: 10.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF081009.D

Acq: 17 Aug 2015 18:08

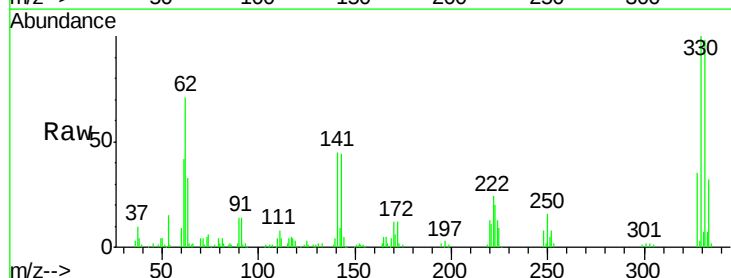
Tgt Ion:330 Resp: 118870

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

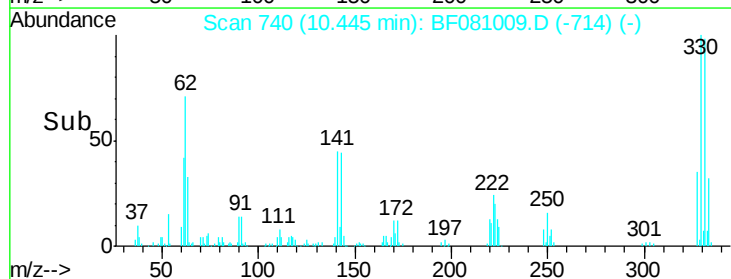
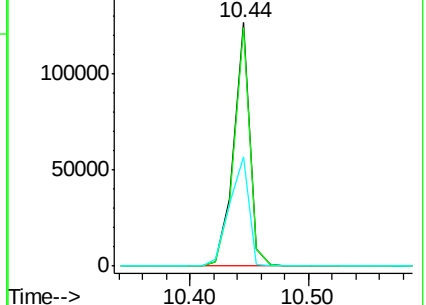
141 54.2 44.9 67.3

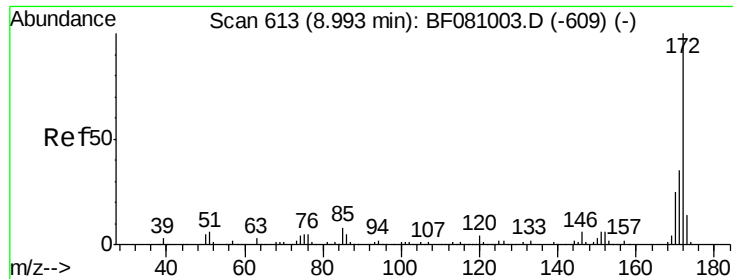


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

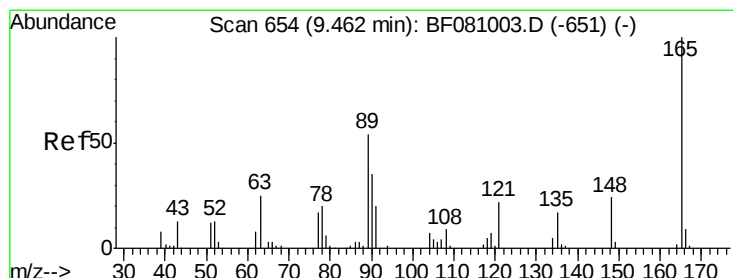
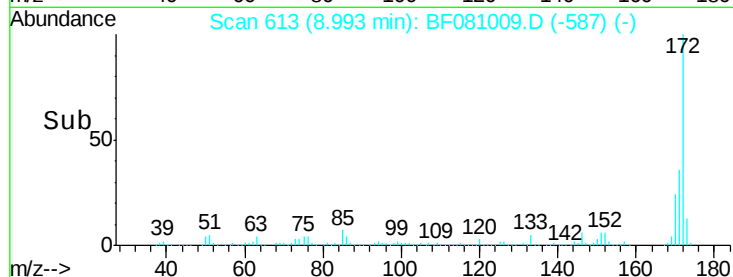
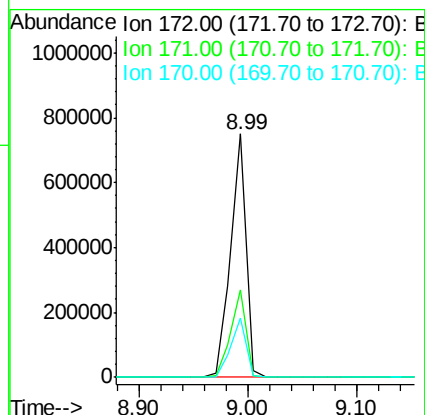
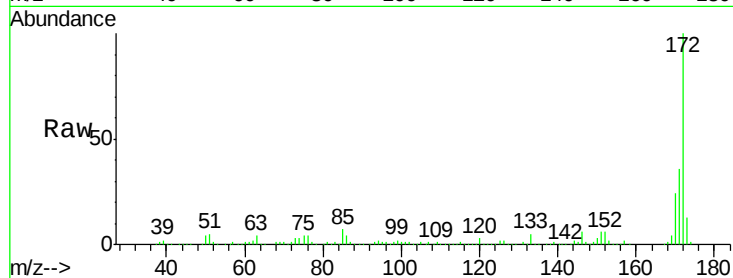




#44
2-Fluorobiphenyl
Concen: 87.45 ng
RT: 8.99 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

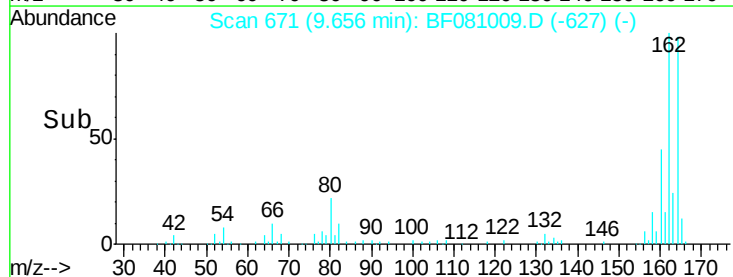
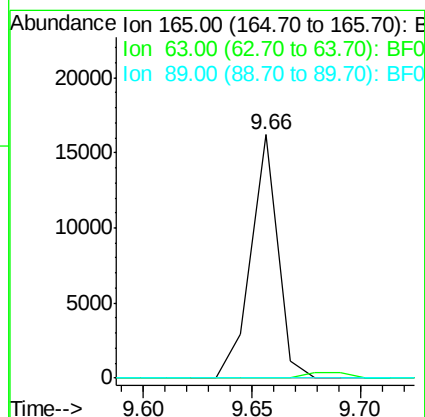
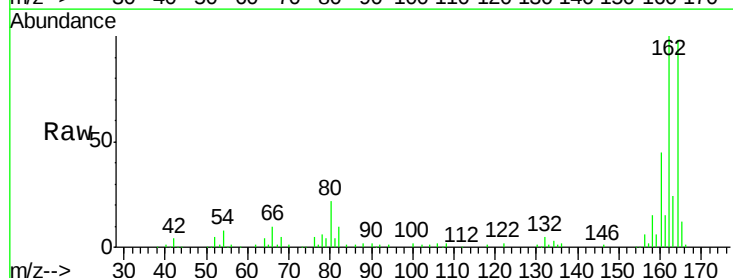
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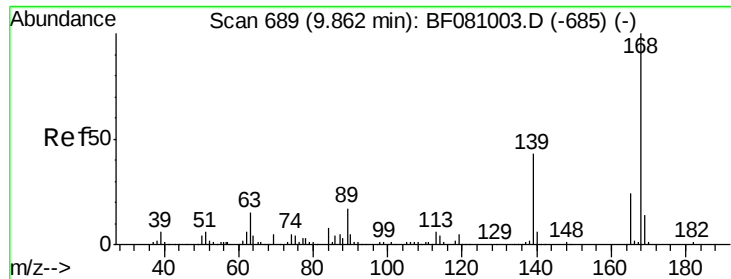
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.2	19.4	29.2



#50
2,6-Dinitrotoluene
Concen: 7.16 ng
RT: 9.66 min Scan# 671
Delta R.T. 0.21 min
Lab File: BF081009.D
Acq: 17 Aug 2015 18:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#

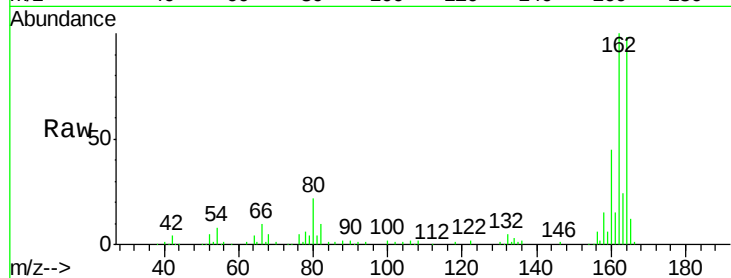




#56
 2,4-Dinitrotoluene
 Concen: 5.40 ng
 RT: 9.66 min Scan# 671
 Delta R.T. -0.19 min
 Lab File: BF081009.D
 Acq: 17 Aug 2015 18:08

Instrument :
 BNA_F
 ClientSampleId :
 NCB-015CS1(0-25ABGS)

Tot Ion:165	Resp:	13898
Ion Ratio	Lower	Upper
165	100	
63	0.0	52.2 78.4#
89	0.0	60.1 90.1#
182	0.0	1.8 2.6#

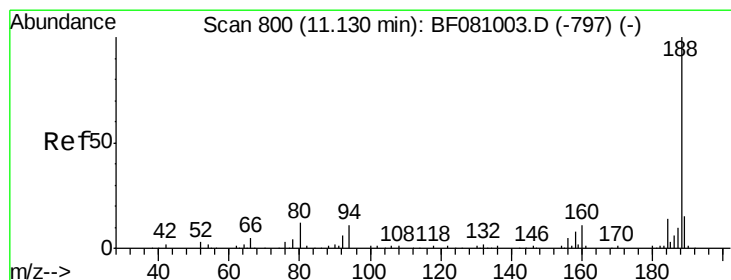
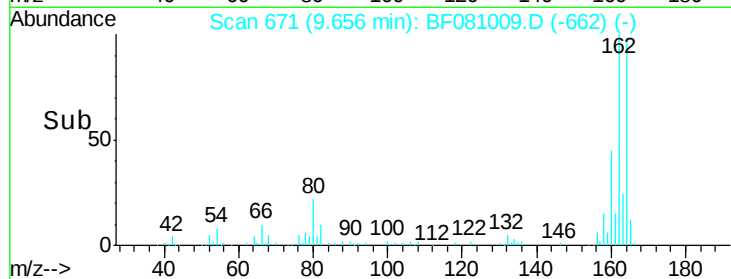
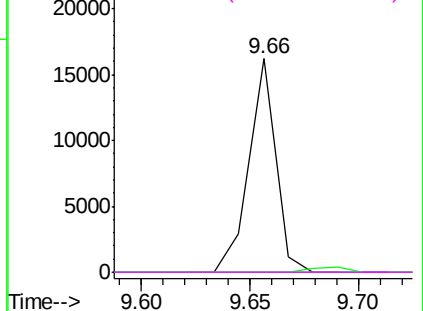


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

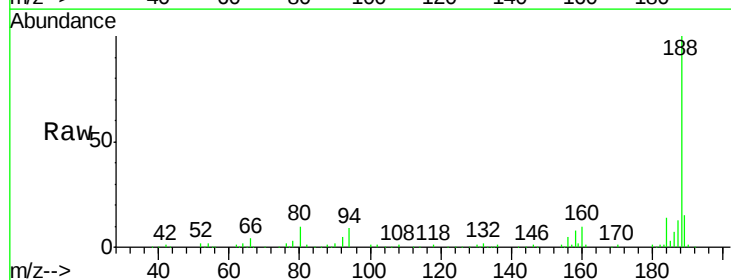
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF081009.D
 Acq: 17 Aug 2015 18:08

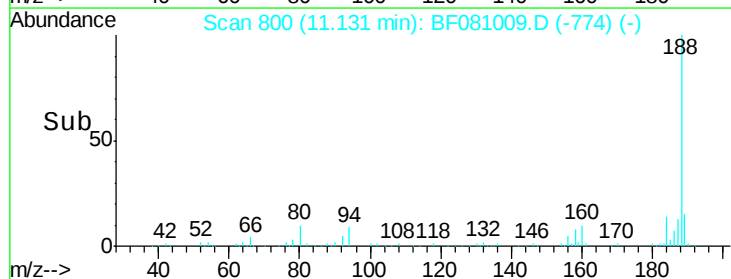
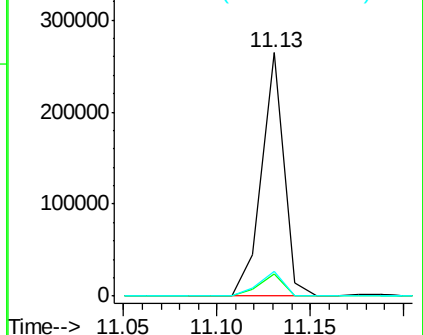
Tgt Ion:188	Resp:	222097
Ion Ratio	Lower	Upper
188	100	
94	9.4	8.2 12.2
80	10.0	9.5 14.3

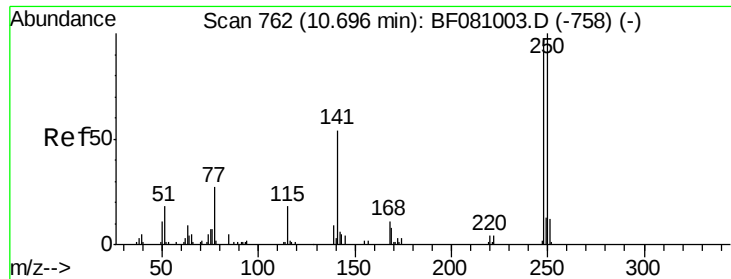


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

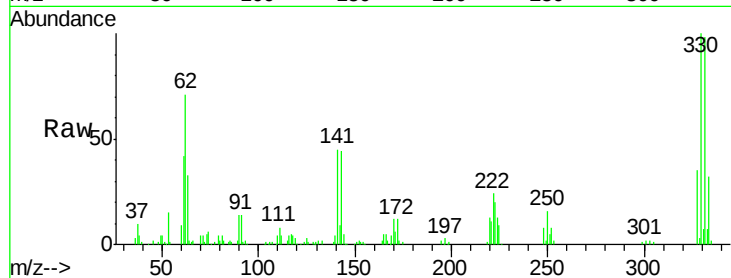




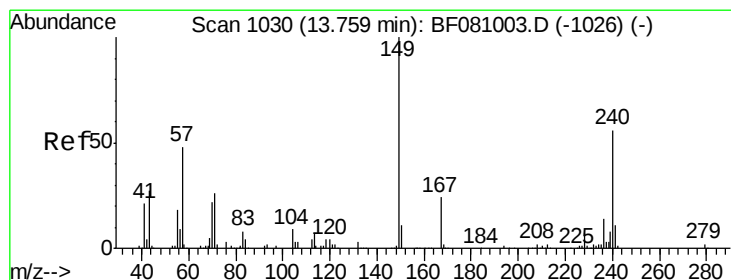
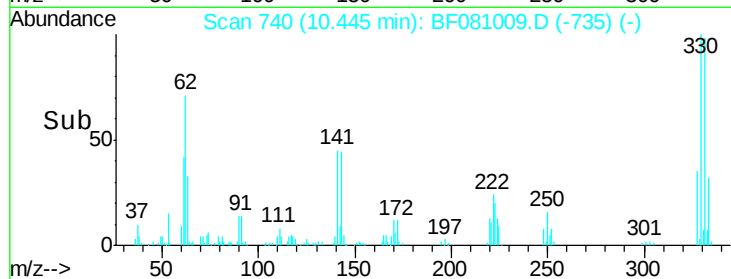
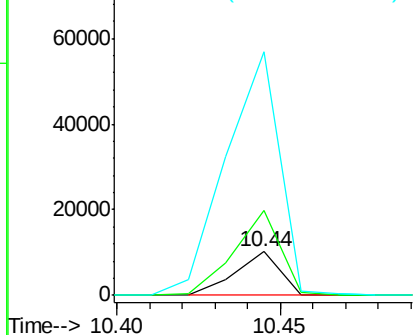
#66
 4-Bromophenyl-phenylether
 Concen: 4.36 ng
 RT: 10.44 min Scan# 740
 Delta R.T. -0.24 min
 Lab File: BF081009.D
 Acq: 17 Aug 2015 18:08

Instrument :
 BNA_F
 ClientSampleId :
 NCB-015CS1(0-25ABGS)

Tot Ion:248 Resp: 9506
 Ion Ratio Lower Upper
 248 100
 250 194.5 77.8 116.6#
 141 559.8 39.8 59.6#

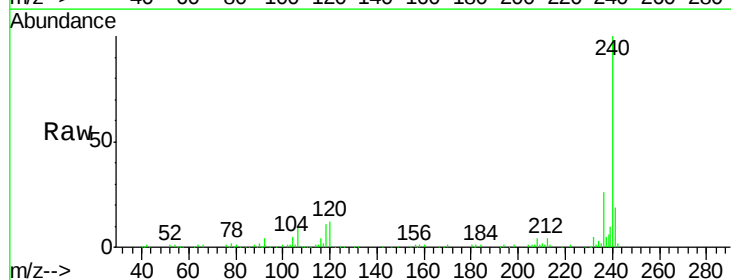


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

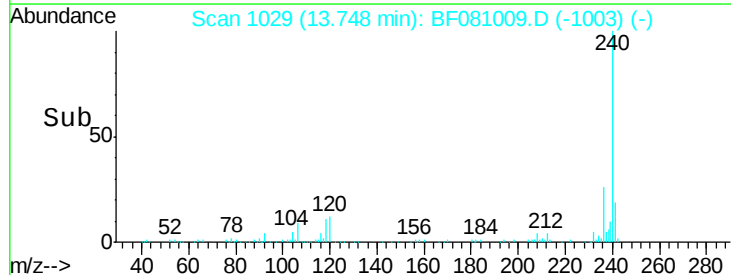
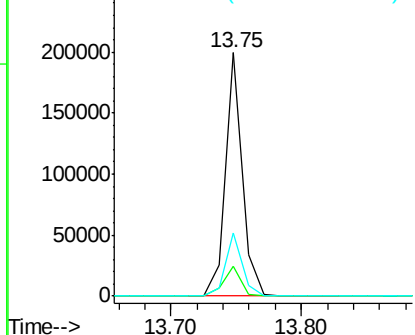


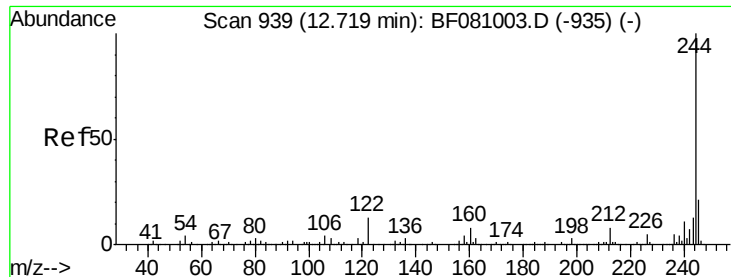
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF081009.D
 Acq: 17 Aug 2015 18:08

Tgt Ion:240 Resp: 180102
 Ion Ratio Lower Upper
 240 100
 120 12.3 5.6 8.4#
 236 25.8 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: 75.07 ng

RT: 12.72 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF081009.D

Acq: 17 Aug 2015 18:08

Instrument :

BNA_F

ClientSampleId :

NCB-015CS1(0-25ABGS)

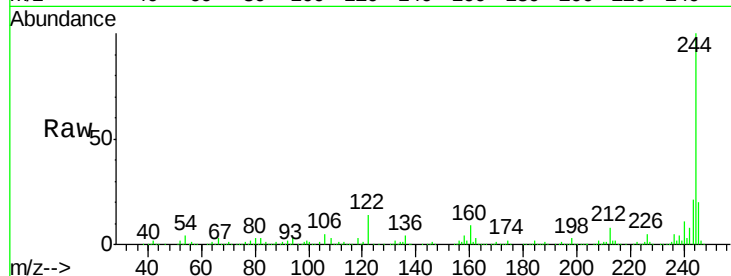
Tot Ion:244 Resp: 630651

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

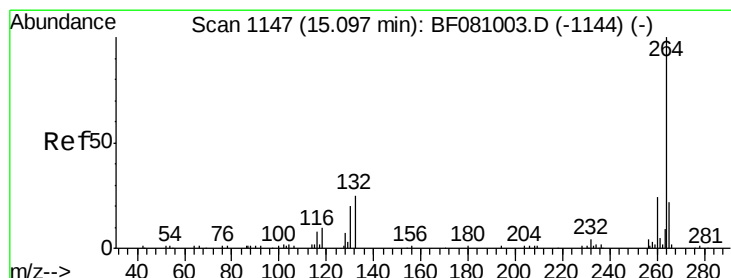
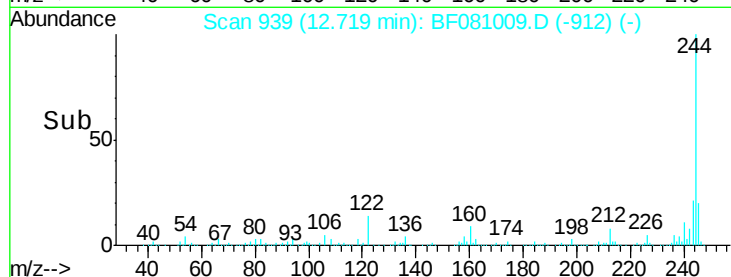
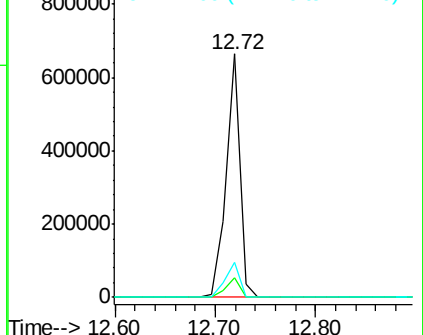
122 14.3 8.2 12.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.10 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF081009.D

Acq: 17 Aug 2015 18:08

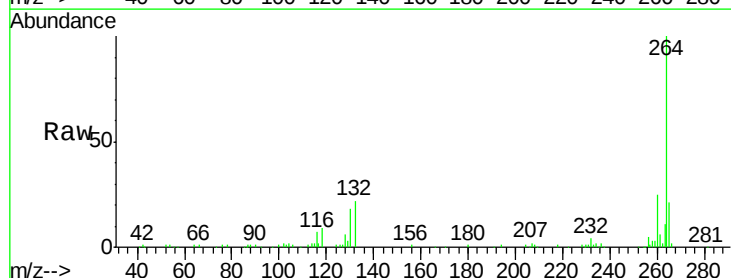
Tgt Ion:264 Resp: 129440

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

