

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081098.D
 Acq On : 20 Aug 2015 00:02
 Operator : UM/IZ
 Sample : G3304-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:50:36 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

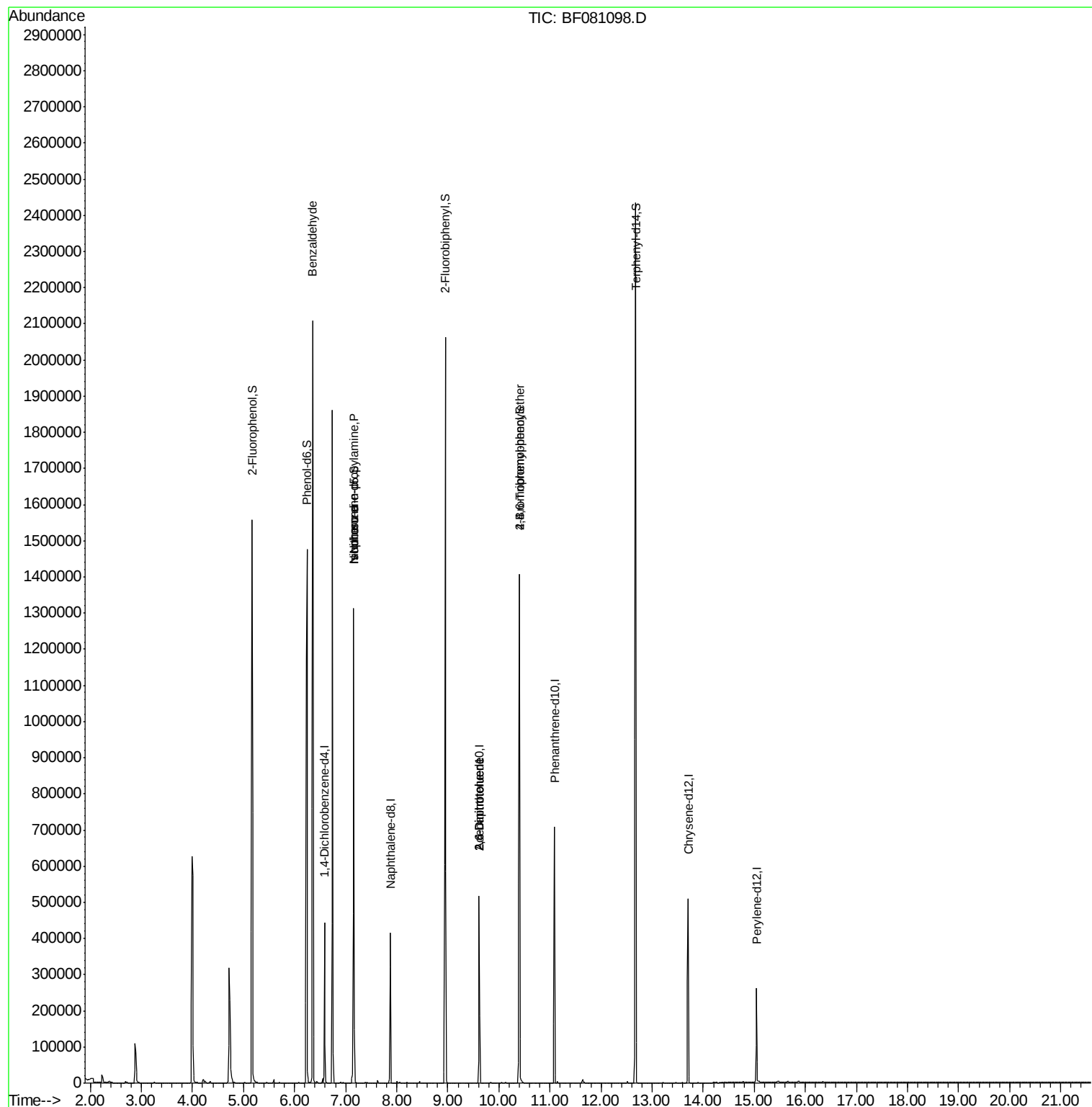
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	61967	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	249638	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	109306	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	251285	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	209349	20.00	ng	-0.04
86) Perylene-d12	15.04	264	85318	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	499026	121.13	ng	-0.02
7) Phenol-d6	6.24	99	690428	128.44	ng	-0.02
23) Nitrobenzene-d5	7.16	82	445234	81.47	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	132310	139.64	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	748567	89.73	ng	-0.04
78) Terphenyl-d14	12.68	244	751318	76.94	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	13487	3.89	ng	83
19) n-Nitroso-di-n-propylamine	7.16	70	60379	16.22	ng	# 69
25) Isophorone	7.16	82	335790	32.95	ng	# 71
50) 2,6-Dinitrotoluene	9.61	165	13781	7.13	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	13781	5.38	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	10631	4.31	ng	# 1

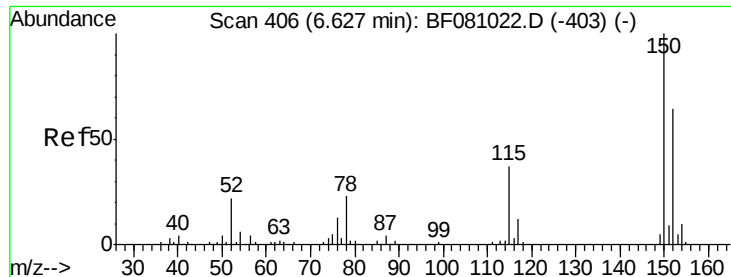
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF081098.D

Acq: 20 Aug 2015 00:02

Instrument :

BNA_F

ClientSampleId :

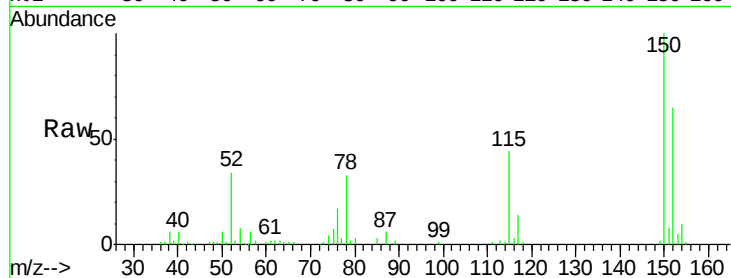
Tot Ion:152 Resp: 61967

Ion Ratio Lower Upper

152 100

150 153.9 123.8 185.6

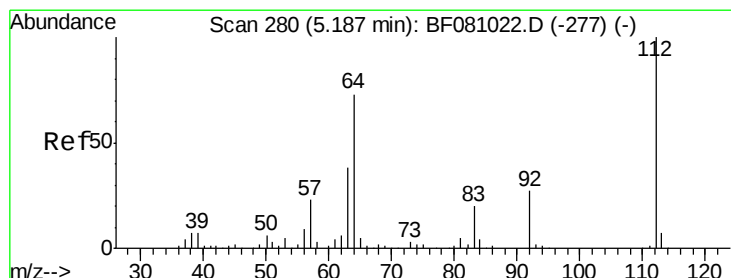
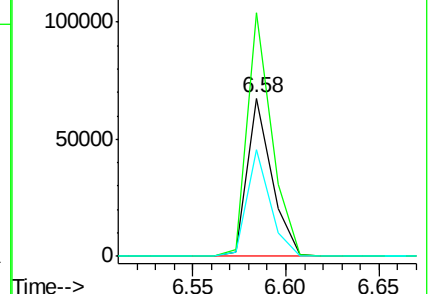
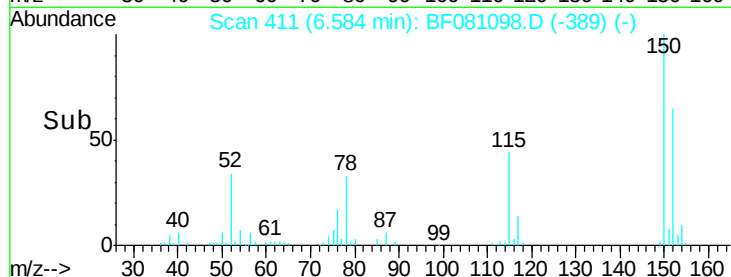
115 67.3 52.1 78.1



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: 121.13 ng

RT: 5.17 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF081098.D

Acq: 20 Aug 2015 00:02

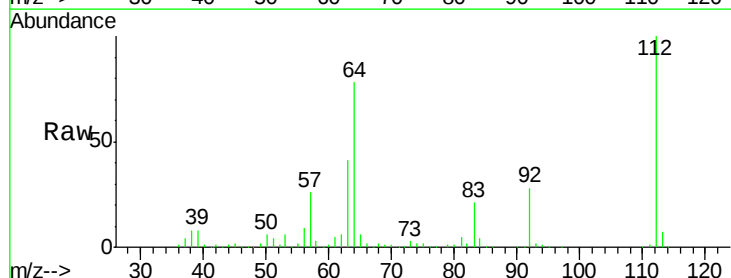
Tgt Ion:112 Resp: 499026

Ion Ratio Lower Upper

112 100

64 78.2 66.9 100.3

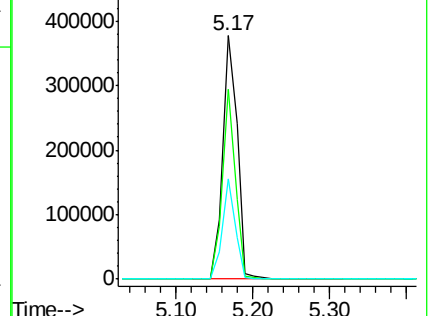
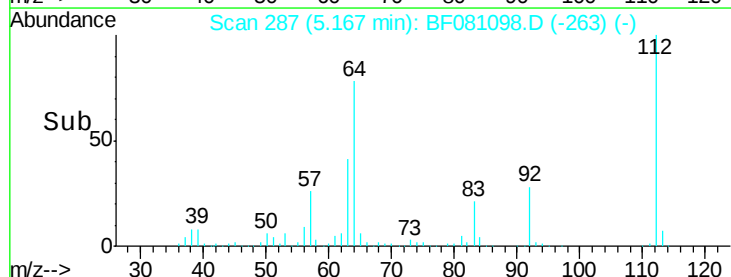
63 41.2 38.1 57.1

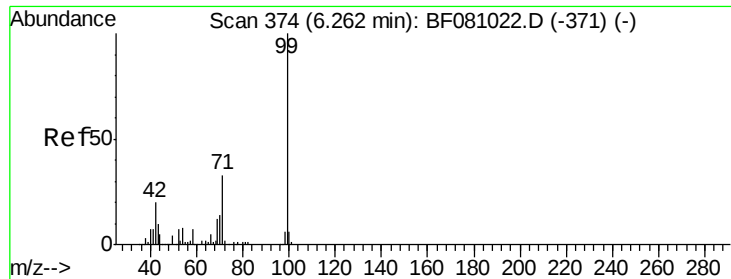


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.44 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081098.D

Acq: 20 Aug 2015 00:02

Instrument :

BNA_F

ClientSampleId :

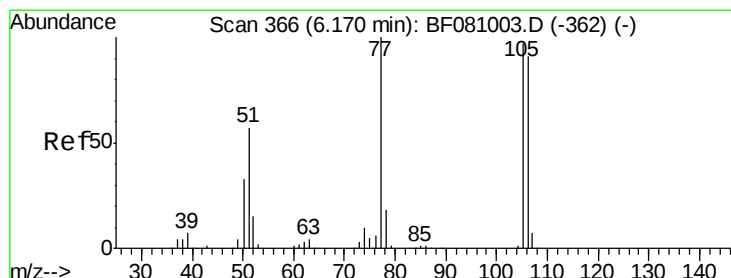
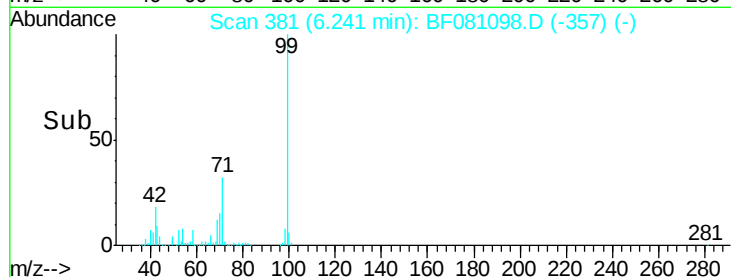
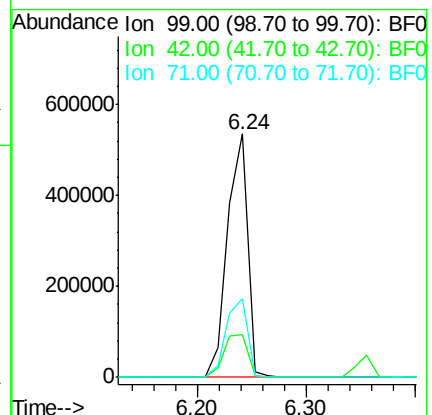
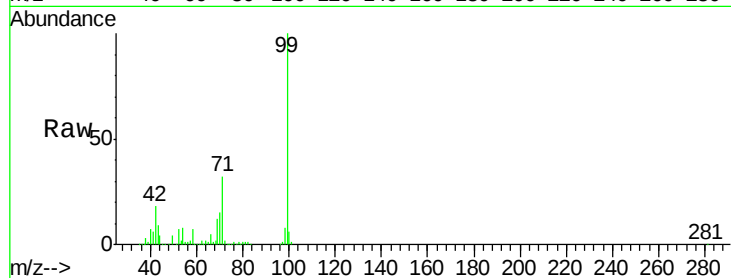
Tot Ion: 99 Resp: 690428

Ion Ratio Lower Upper

99 100

42 17.5 19.6 29.4#

71 32.2 31.2 46.8



#9

Benzaldehyde

Concen: 3.89 ng

RT: 6.36 min Scan# 391

Delta R.T. 0.20 min

Lab File: BF081098.D

Acq: 20 Aug 2015 00:02

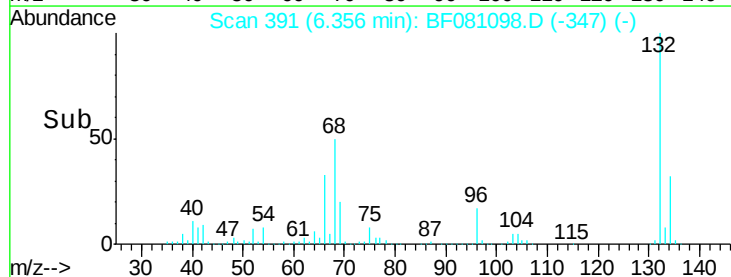
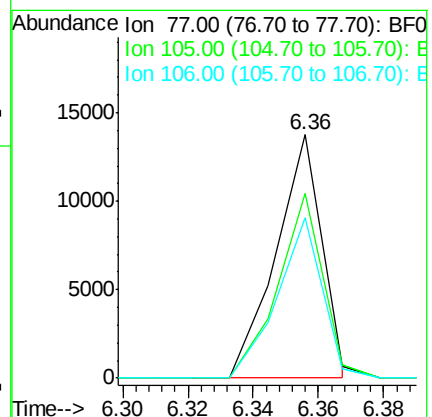
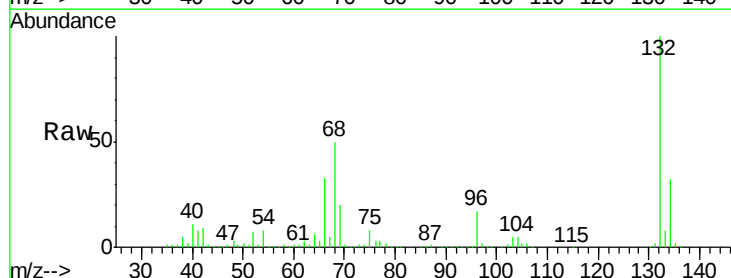
Tgt Ion: 77 Resp: 13487

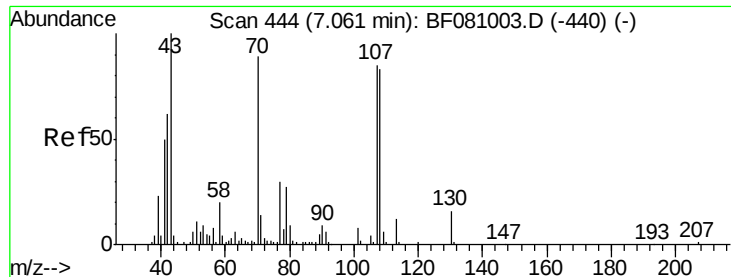
Ion Ratio Lower Upper

77 100

105 75.7 69.6 109.6

106 65.8 64.0 104.0

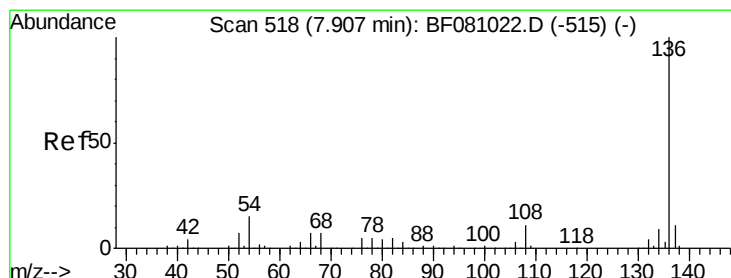
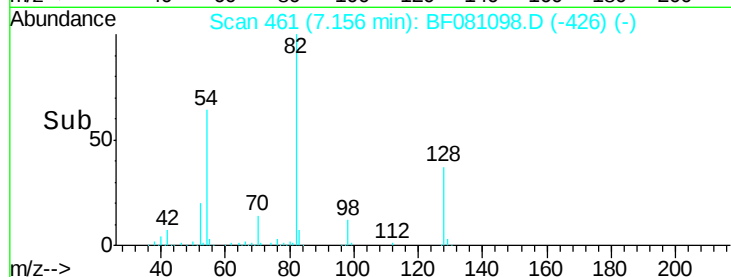
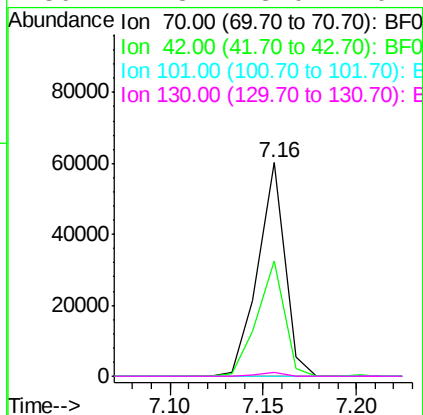
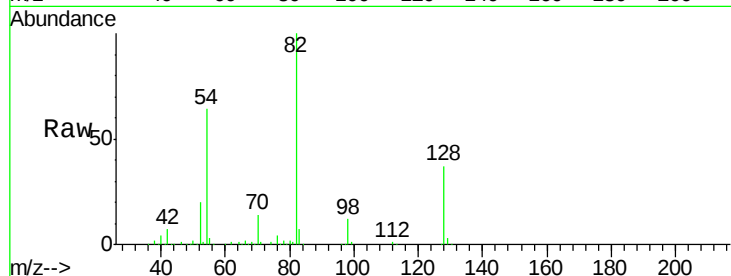




#19
n-Nitroso-di-n-propylamine
Concen: 16.22 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.11 min
Lab File: BF081098.D
Acq: 20 Aug 2015 00:02

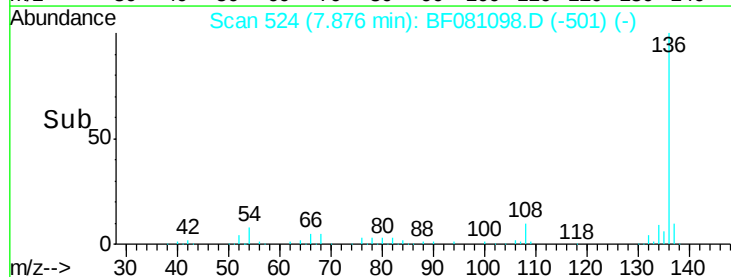
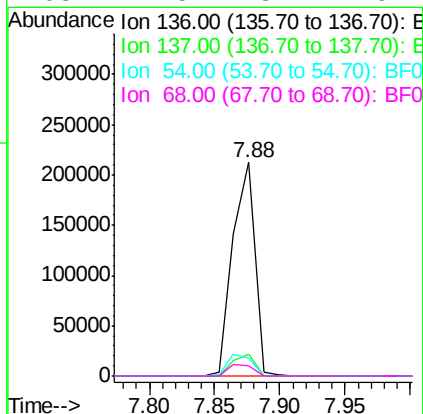
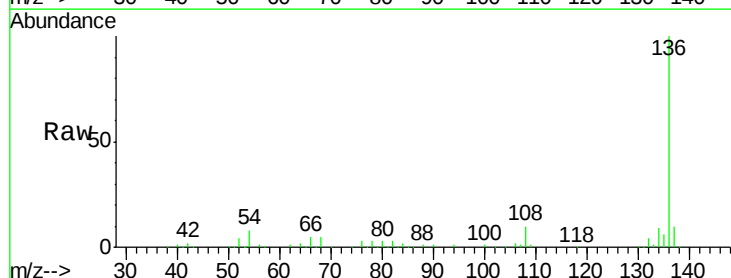
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 60379
Ion Ratio Lower Upper
70 100
42 53.8 65.0 97.4#
101 0.0 7.4 11.2#
130 1.8 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081098.D
Acq: 20 Aug 2015 00:02

Tgt Ion: 136 Resp: 249638
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.2
54 8.3 7.7 11.5
68 4.5 3.4 5.2

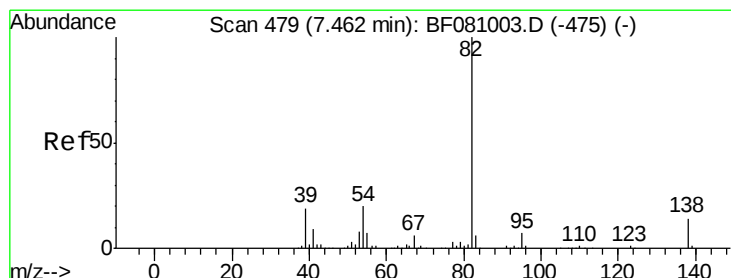
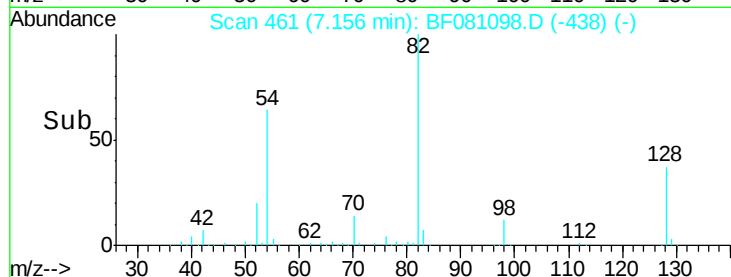
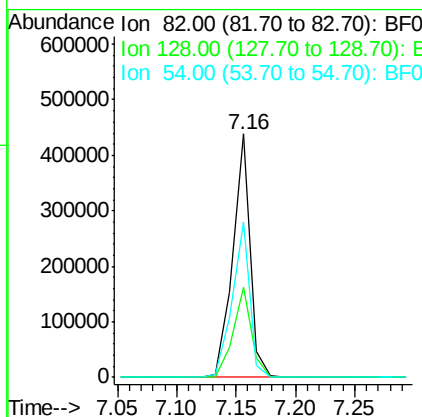
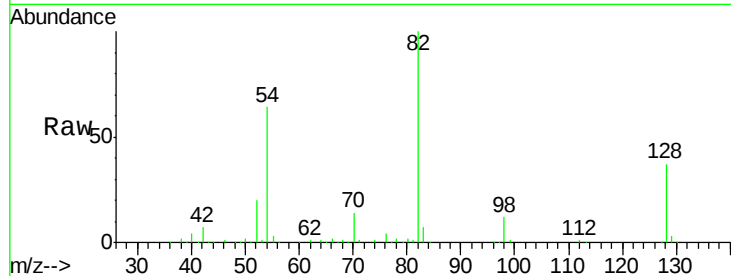




#23
Nitrobenzene-d5
Concen: 81.47 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081098.D
Acq: 20 Aug 2015 00:02

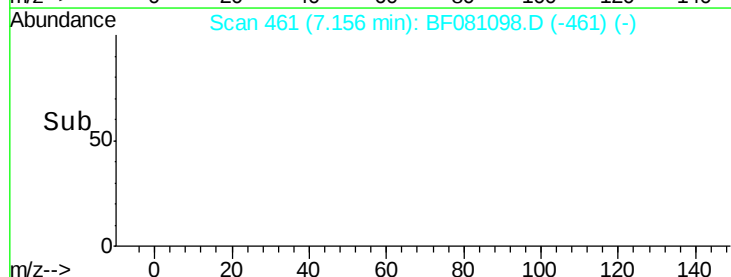
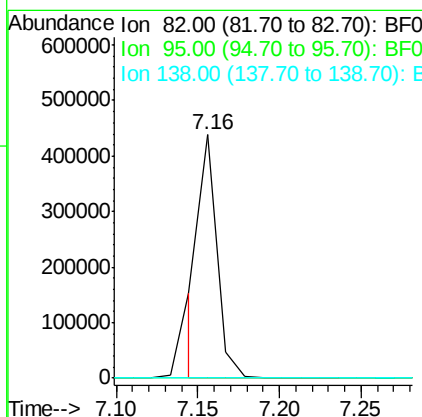
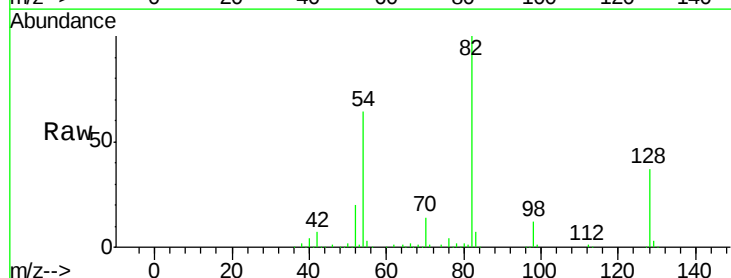
Instrument :
BNA_F
ClientSampleId :

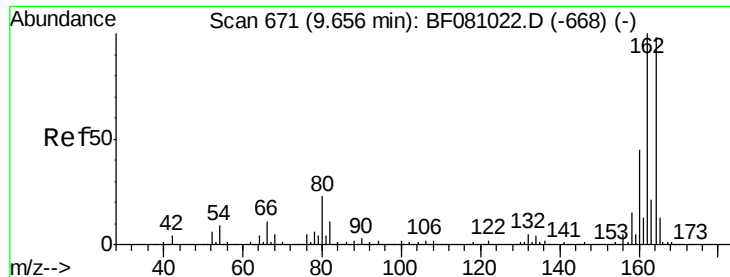
Tot Ion	82	Resp	445234
Ion Ratio	Lower	Upper	
82	100		
128	36.7	28.6	42.8
54	63.9	55.1	82.7



#25
Isophorone
Concen: 32.95 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.29 min
Lab File: BF081098.D
Acq: 20 Aug 2015 00:02

Tgt Ion	82	Resp	335790
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#

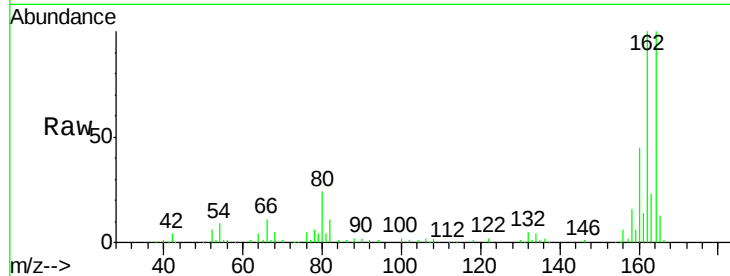




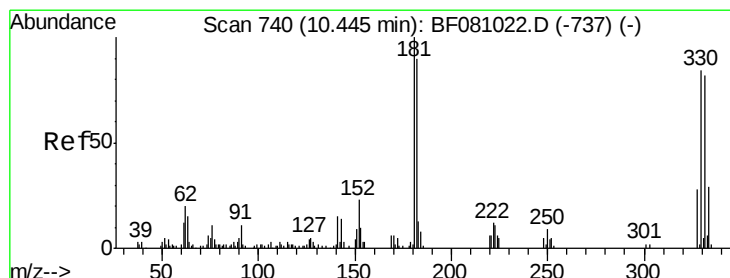
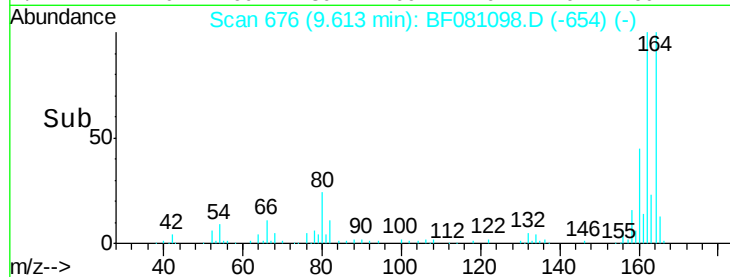
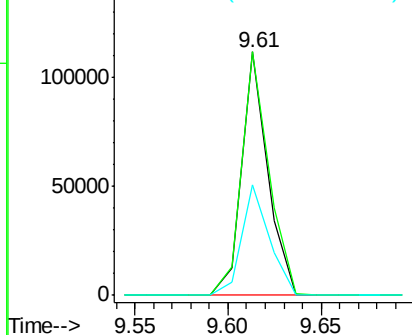
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF081098.D
Acq: 20 Aug 2015 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 109306
Ion Ratio Lower Upper
164 100
162 99.8 83.8 125.8
160 45.5 39.8 59.8

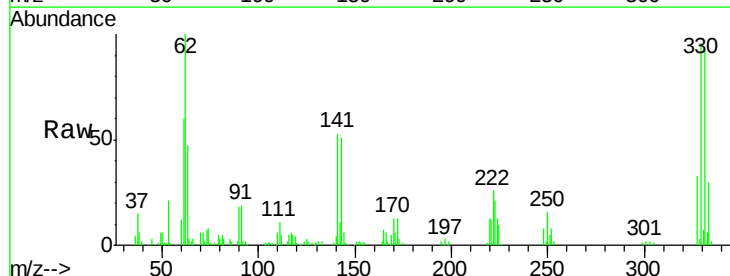


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

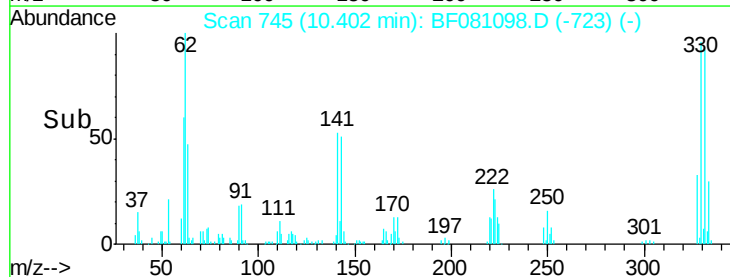
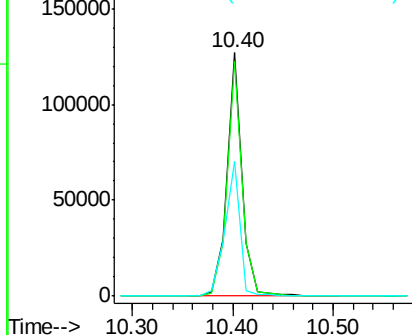


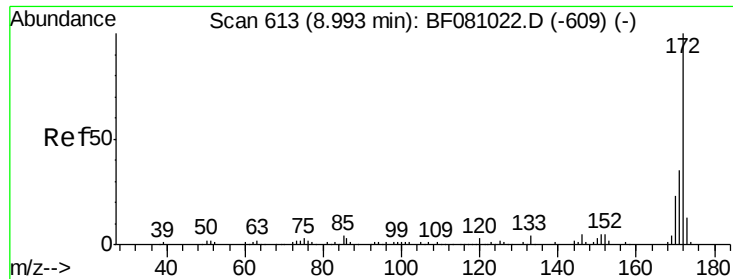
#41
2,4,6-Tribromophenol
Concen: 139.64 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.04 min
Lab File: BF081098.D
Acq: 20 Aug 2015 00:02

Tgt Ion:330 Resp: 132310
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 55.3 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

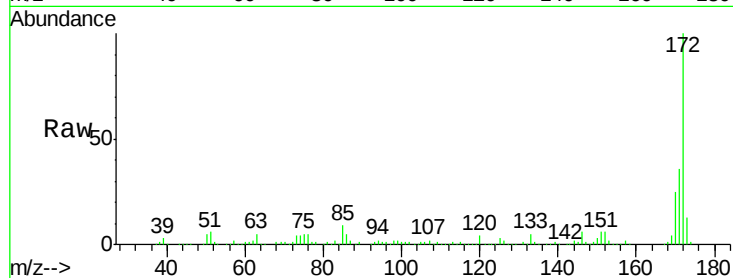




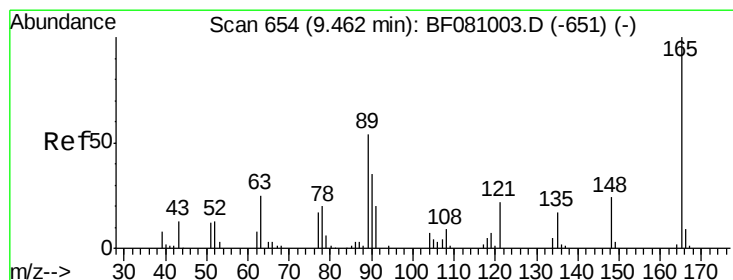
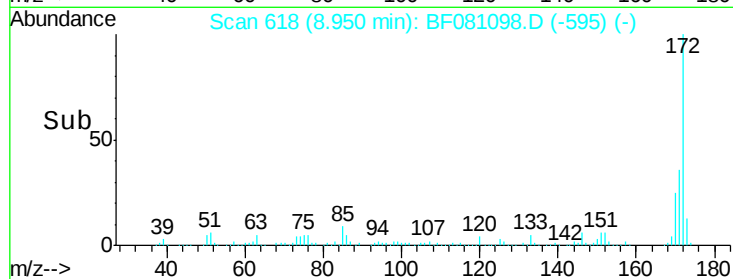
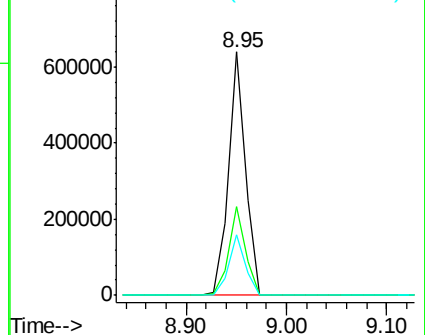
#44
 2-Fluorobiphenyl
 Concen: 89.73 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.04 min
 Lab File: BF081098.D
 Acq: 20 Aug 2015 00:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 748567
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.8 19.4 29.2

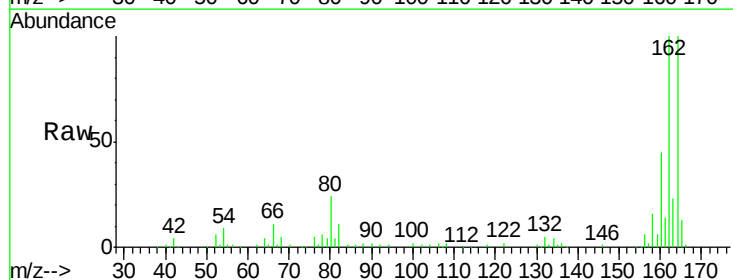


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

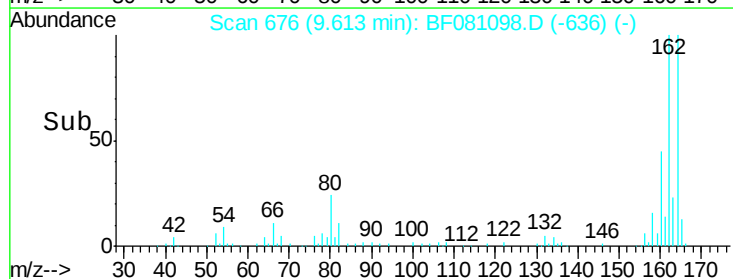
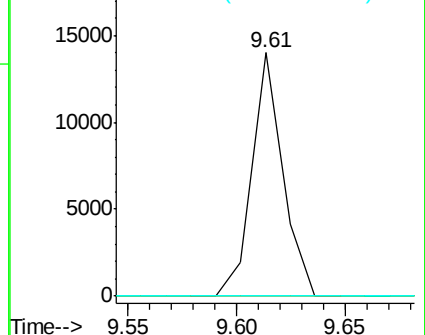


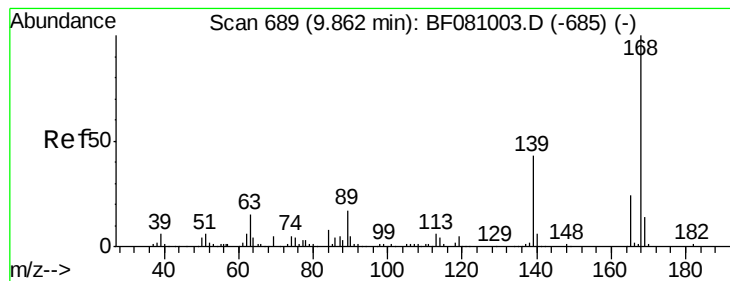
#50
 2,6-Dinitrotoluene
 Concen: 7.13 ng
 RT: 9.61 min Scan# 676
 Delta R.T. 0.16 min
 Lab File: BF081098.D
 Acq: 20 Aug 2015 00:02

Tgt Ion:165 Resp: 13781
 Ion Ratio Lower Upper
 165 100
 63 0.0 49.5 74.3#
 89 0.0 47.6 71.4#



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

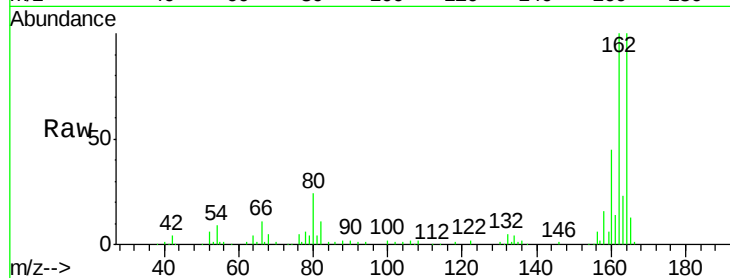




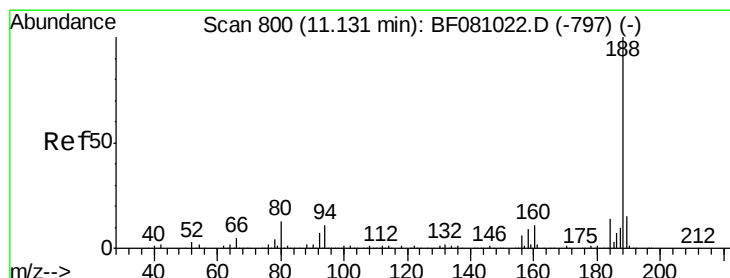
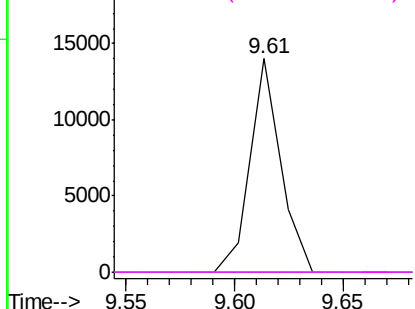
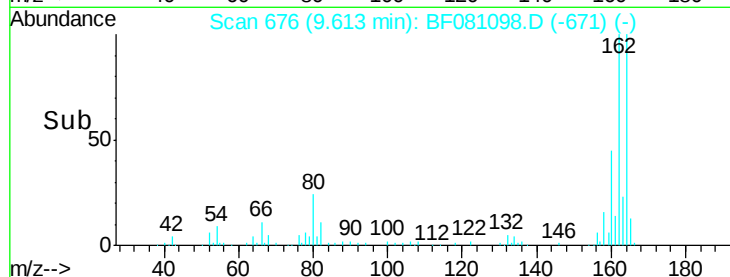
#56
 2,4-Dinitrotoluene
 Concen: 5.38 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.24 min
 Lab File: BF081098.D
 Acq: 20 Aug 2015 00:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 13781
 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#

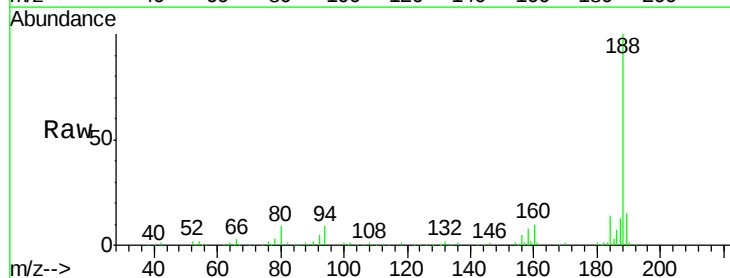


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

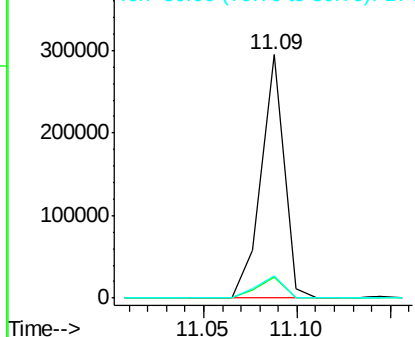
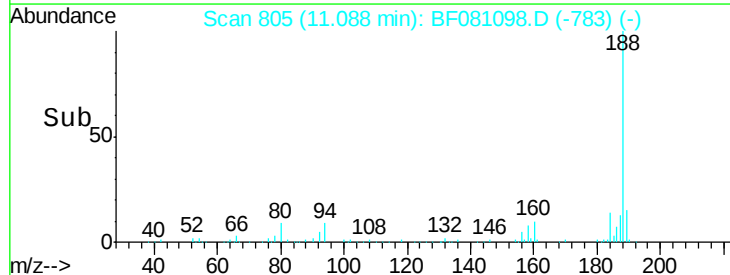


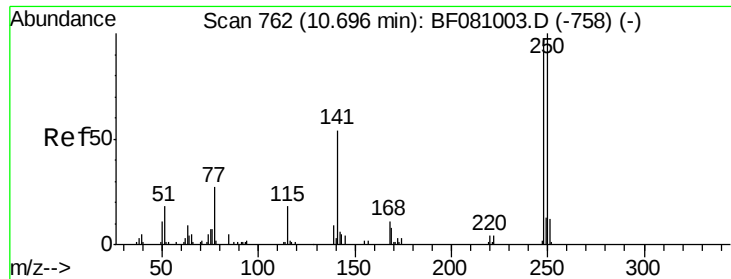
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.04 min
 Lab File: BF081098.D
 Acq: 20 Aug 2015 00:02

Tgt Ion:188 Resp: 251285
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.2 12.2
 80 9.1 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

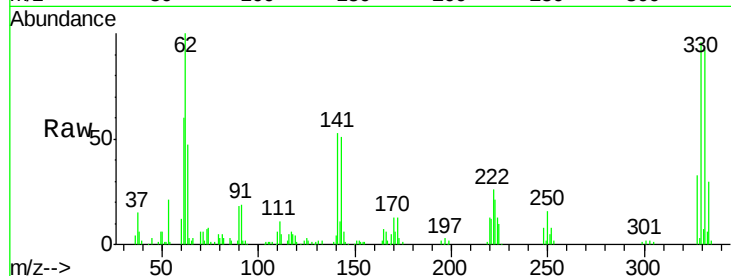




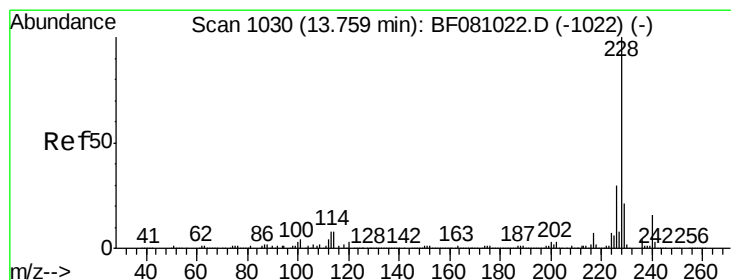
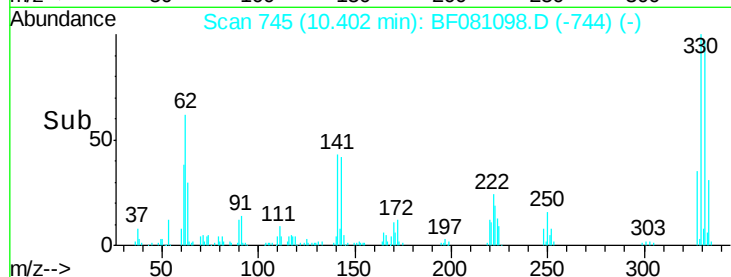
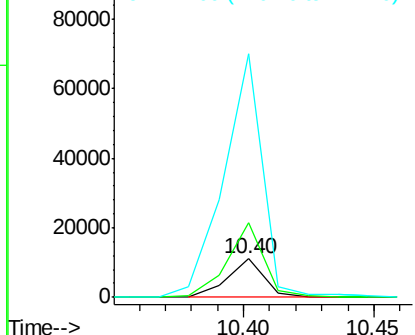
#66
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.28 min
Lab File: BF081098.D
Acq: 20 Aug 2015 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10631
Ion Ratio Lower Upper
248 100
250 195.1 77.8 116.6#
141 634.3 39.8 59.6#

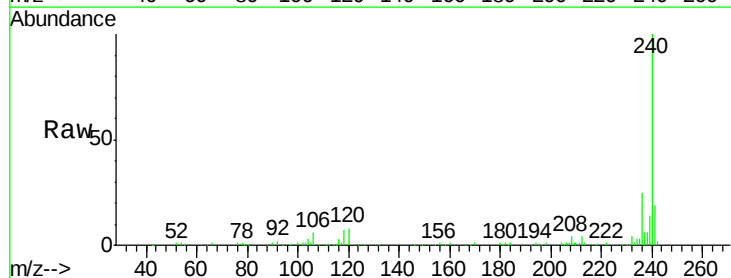


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

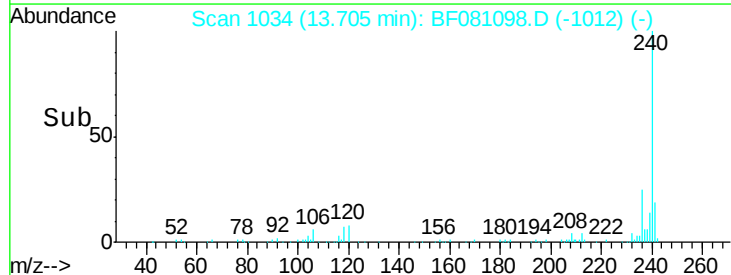
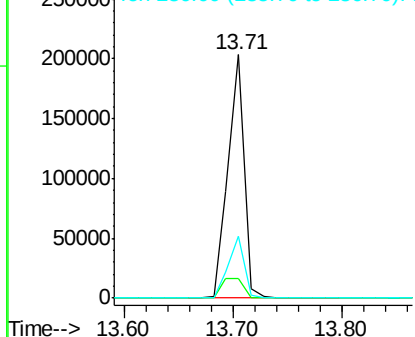


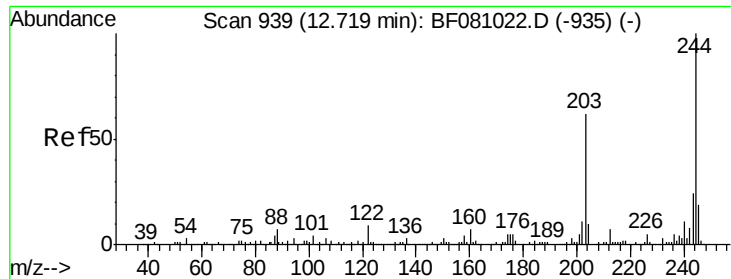
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.04 min
Lab File: BF081098.D
Acq: 20 Aug 2015 00:02

Tgt Ion:240 Resp: 209349
Ion Ratio Lower Upper
240 100
120 8.1 5.6 8.4
236 25.4 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

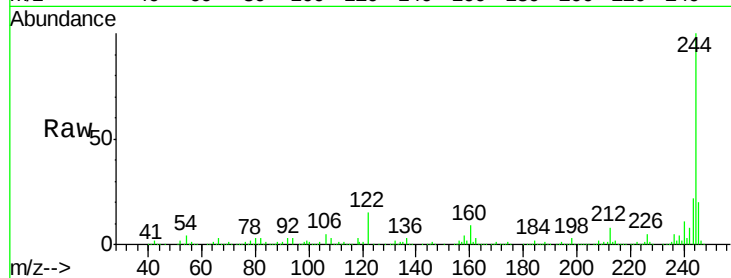




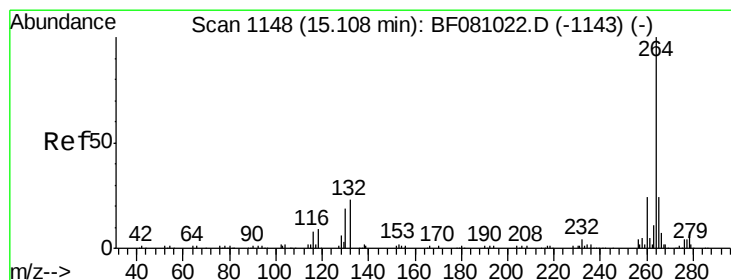
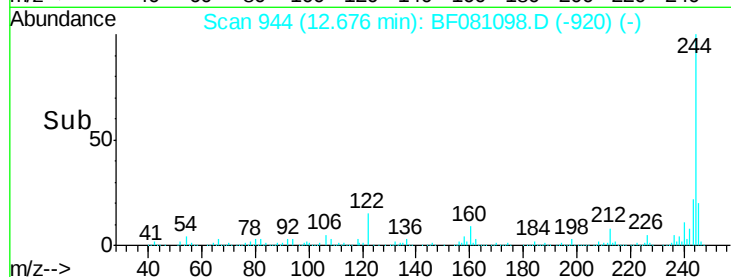
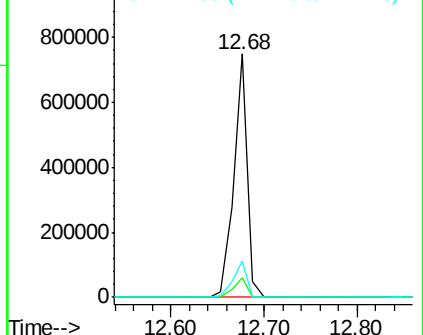
#78
 Terphenyl-d14
 Concen: 76.94 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081098.D
 Acq: 20 Aug 2015 00:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 751318
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 14.9 8.2 12.4#

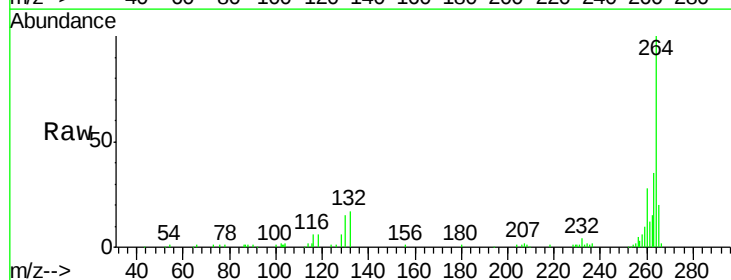


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081098.D
 Acq: 20 Aug 2015 00:02

Tgt Ion:264 Resp: 85318
 Ion Ratio Lower Upper
 264 100
 260 27.7 19.6 29.4
 265 20.4 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

