

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
 Data File : BF081258.D
 Acq On : 28 Aug 2015 2:41
 Operator : UM/IZ
 Sample : G3430-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB2(24-25)

Quant Time: Aug 28 03:35:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 03:32:45 2015
 Response via : Initial Calibration

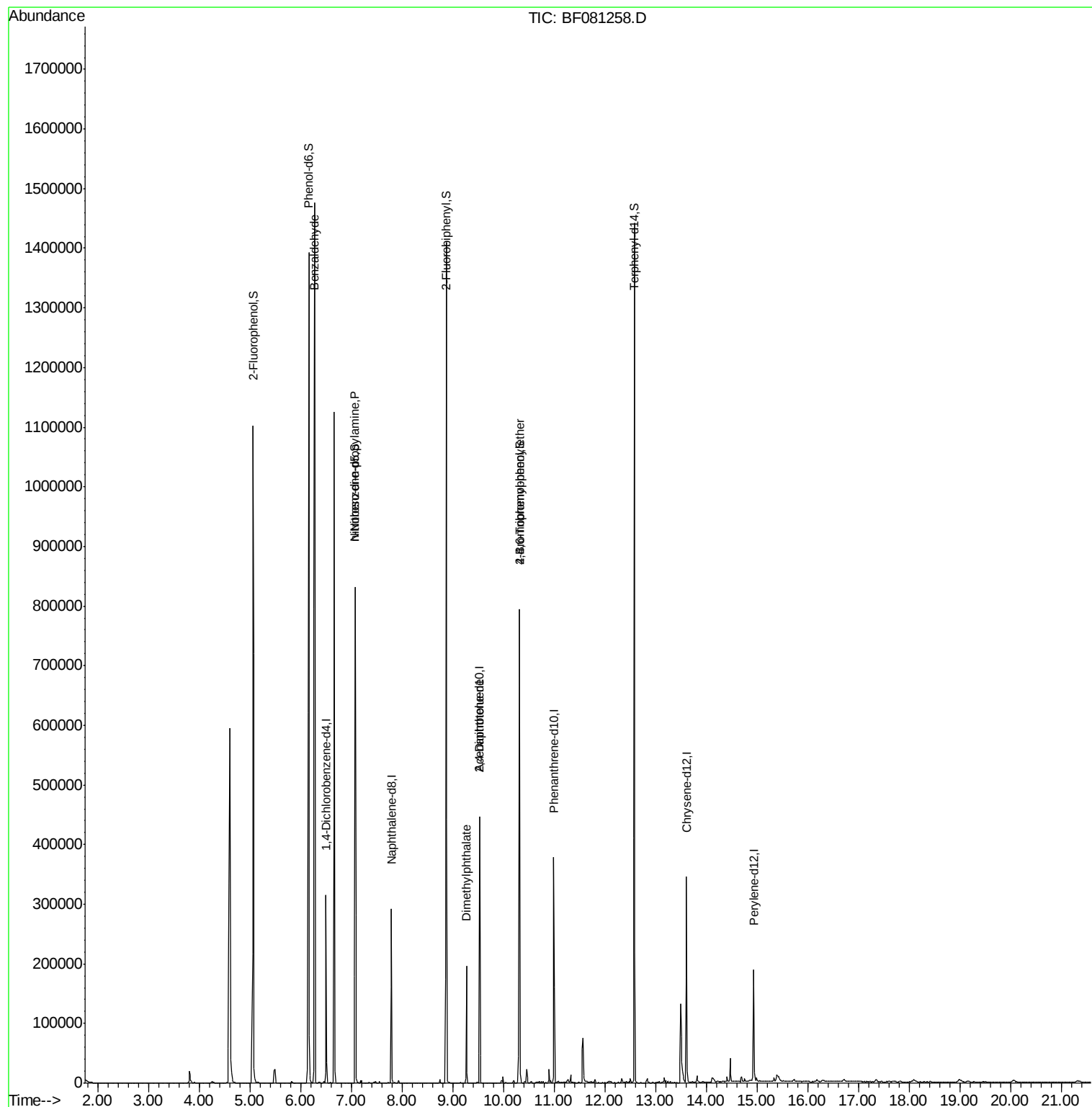
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	39762	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	151685	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	79255	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	150542	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	136898	20.00	ng	0.00
86) Perylene-d12	14.94	264	94366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	371265	140.44	ng	0.01
7) Phenol-d6	6.16	99	479680	139.07	ng	0.00
23) Nitrobenzene-d5	7.07	82	298162	89.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	111082	161.69	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	459695	76.00	ng	-0.01
78) Terphenyl-d14	12.58	244	446291	69.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	10511	4.73	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.07	70	39950	16.72	ng	# 71
49) Dimethylphthalate	9.27	163	66446	10.18	ng	99
56) 2,4-Dinitrotoluene	9.53	165	9836	5.30	ng	# 16
66) 4-Bromophenyl-phenylether	10.32	248	8341	5.64	ng	# 1

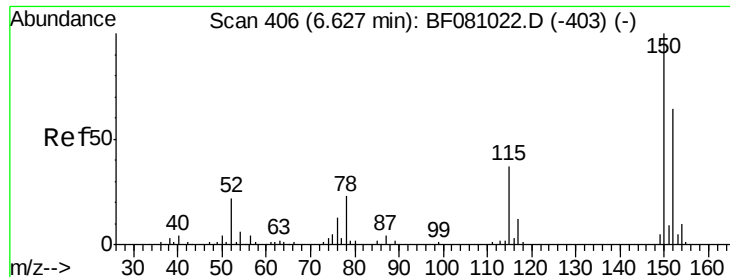
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 28 03:32:45 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF081258.D

Acq: 28 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

SB2(24-25)

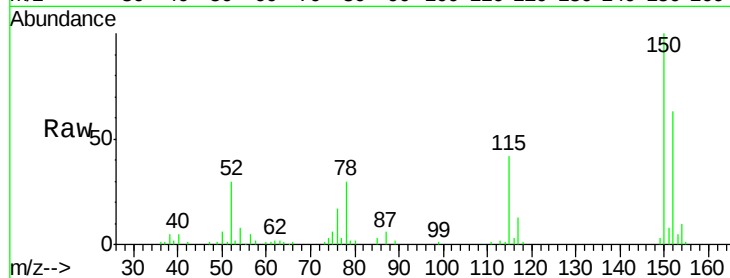
Tgt Ion:152 Resp: 39762

Ion Ratio Lower Upper

152 100

150 158.9 123.8 185.6

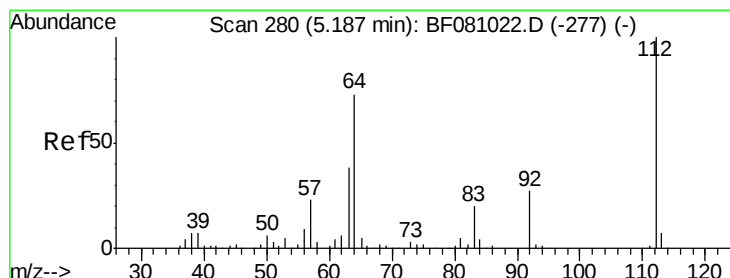
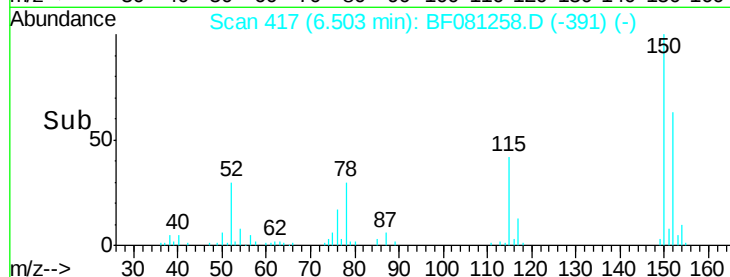
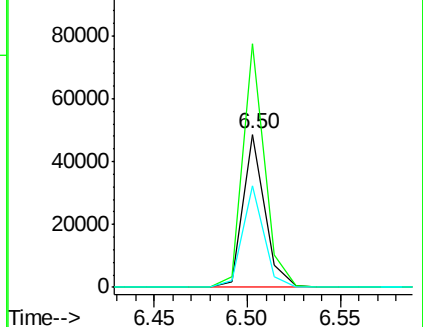
115 66.1 52.1 78.1



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



#5

2-Fluorophenol

Concen: 140.44 ng

RT: 5.06 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF081258.D

Acq: 28 Aug 2015 2:41

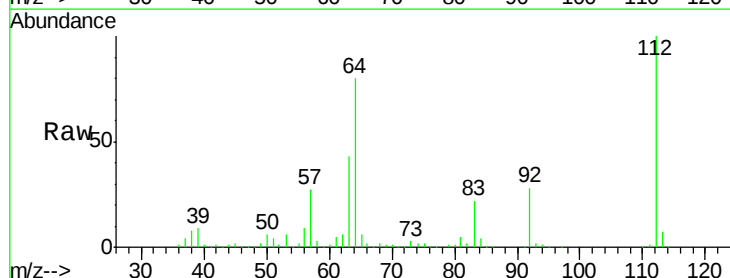
Tgt Ion:112 Resp: 371265

Ion Ratio Lower Upper

112 100

64 80.0 66.9 100.3

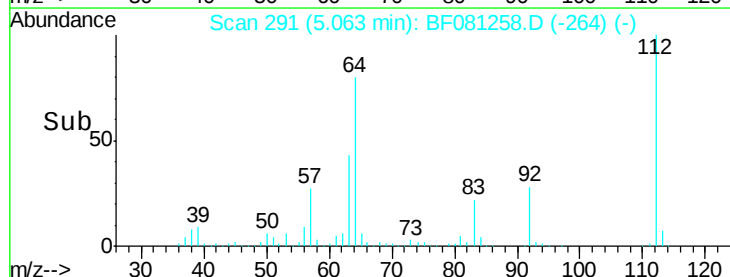
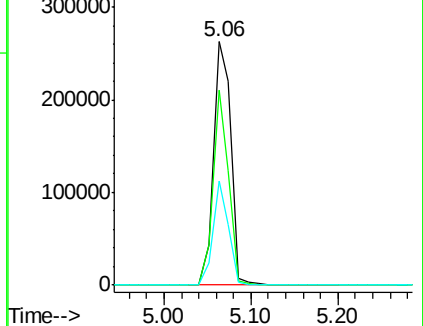
63 42.6 38.1 57.1

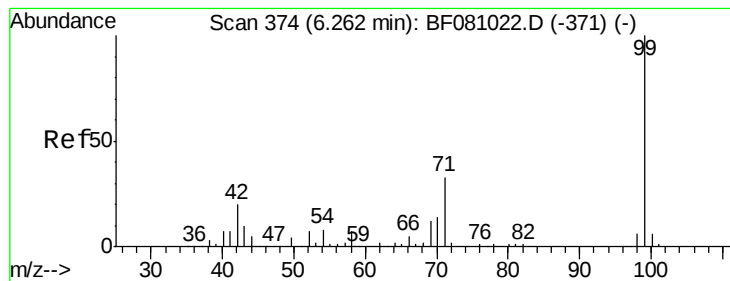


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.07 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF081258.D

Acq: 28 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

SB2(24-25)

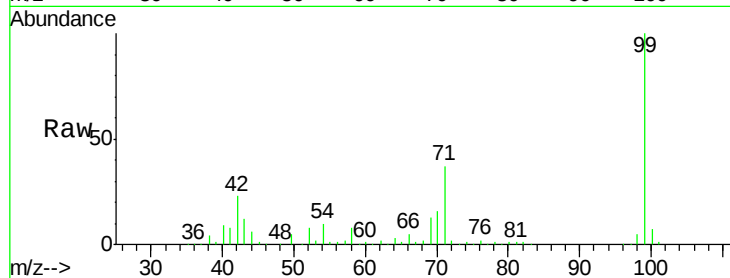
Tgt Ion: 99 Resp: 479680

Ion Ratio Lower Upper

99 100

42 23.3 19.6 29.4

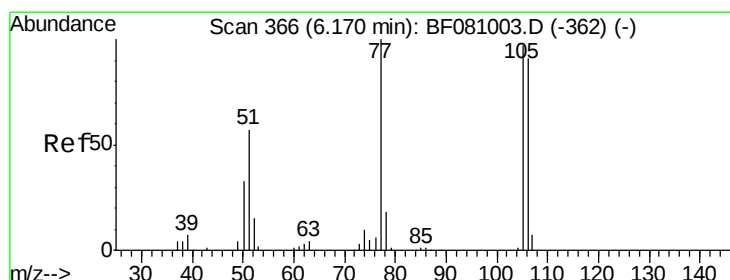
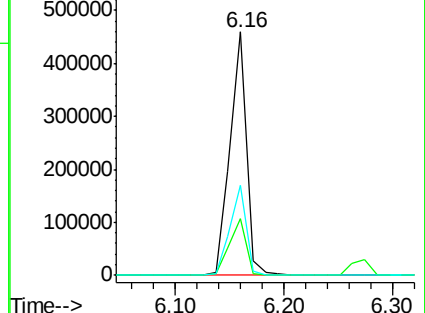
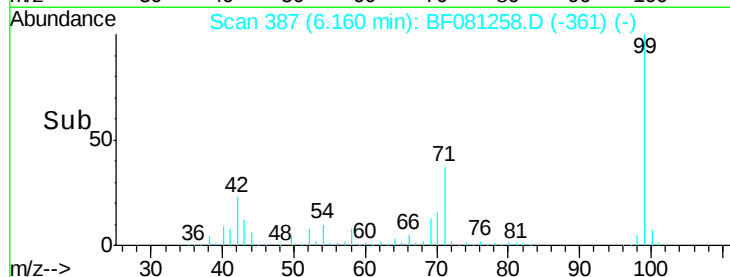
71 36.8 31.2 46.8



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: 4.73 ng

RT: 6.27 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF081258.D

Acq: 28 Aug 2015 2:41

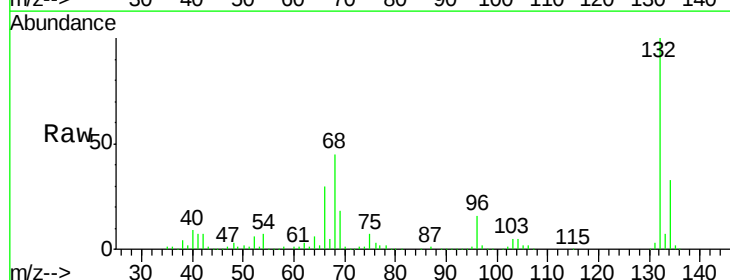
Tgt Ion: 77 Resp: 10511

Ion Ratio Lower Upper

77 100

105 78.9 69.6 109.6

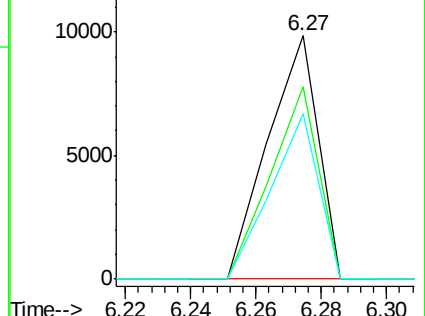
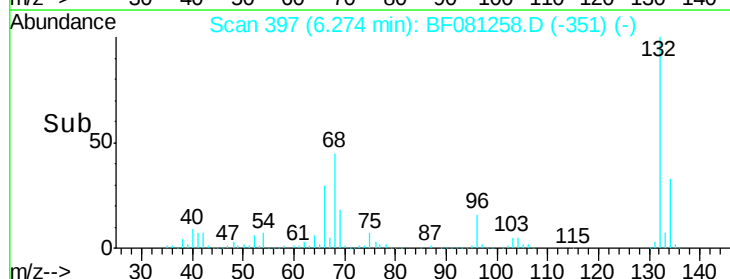
106 68.2 64.0 104.0

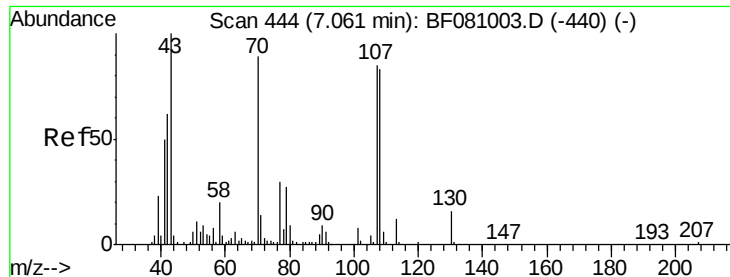


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

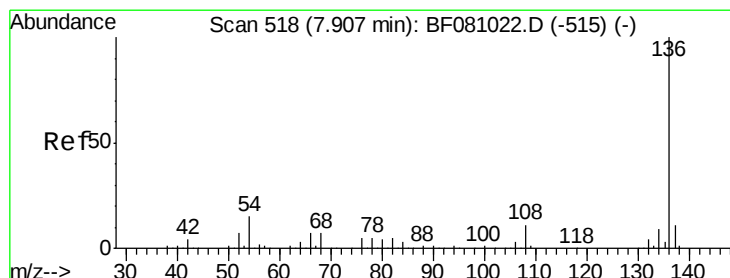
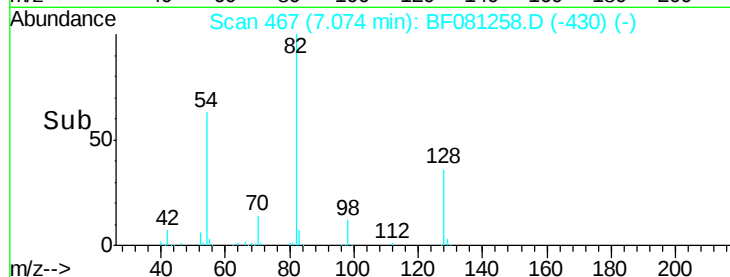
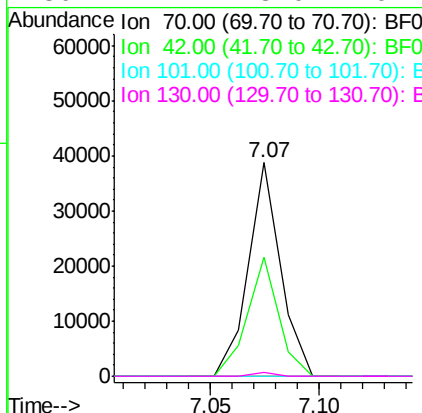
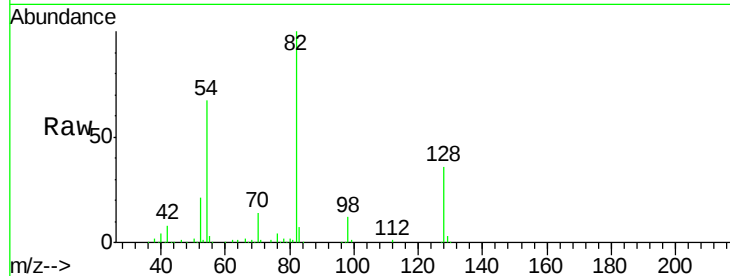




#19
n-Nitroso-di-n-propylamine
Concen: 16.72 ng
RT: 7.07 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF081258.D
Acq: 28 Aug 2015 2:41

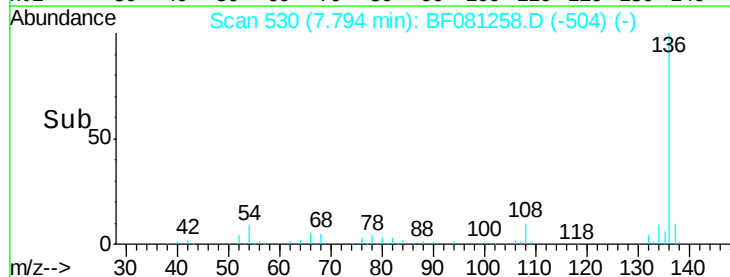
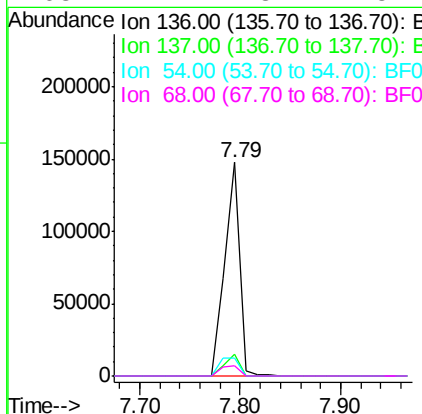
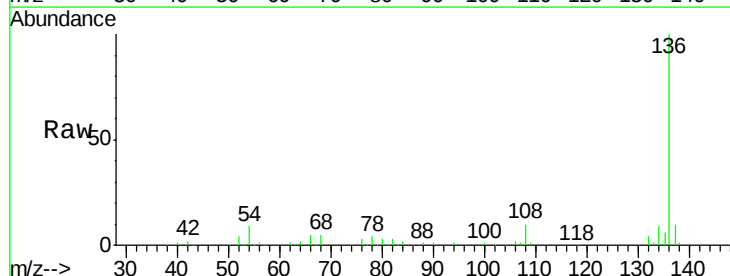
Instrument :
BNA_F
ClientSampleId :
SB2(24-25)

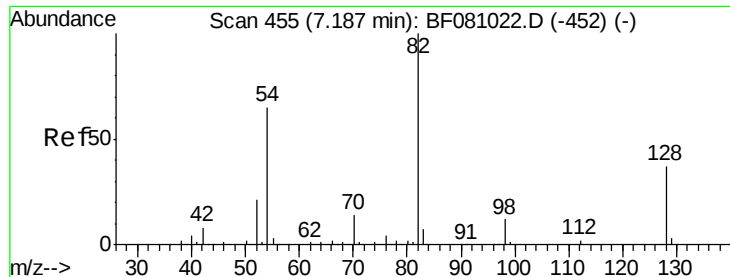
Tgt Ion:	70	Resp:	39950
Ion	Ratio	Lower	Upper
70	100		
42	55.8	65.0	97.4#
101	0.0	7.4	11.2#
130	1.7	13.0	19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF081258.D
Acq: 28 Aug 2015 2:41

Tgt Ion:	136	Resp:	151685
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	8.7	7.7	11.5
68	4.7	3.4	5.2

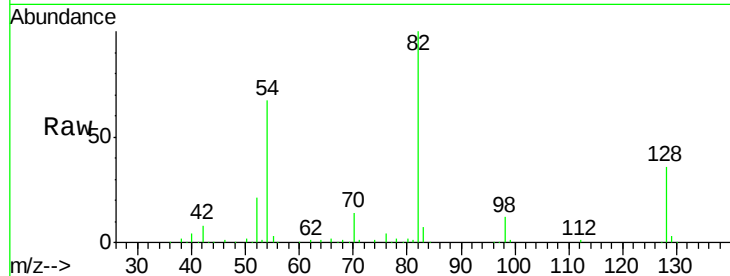




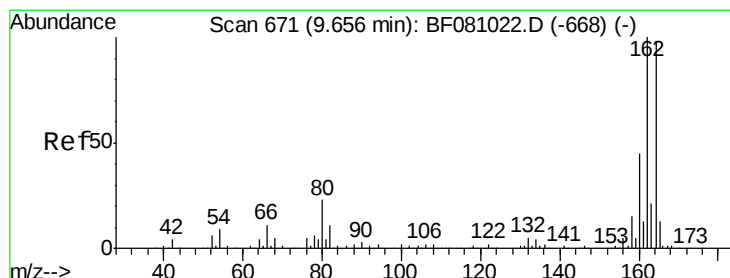
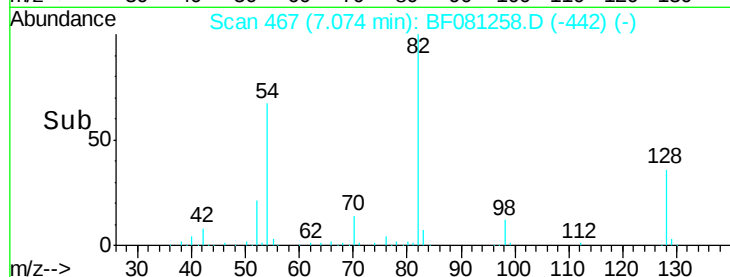
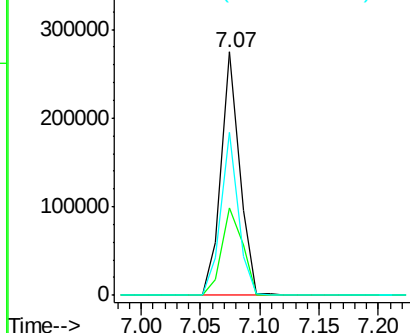
#23
 Nitrobenzene-d5
 Concen: 89.79 ng
 RT: 7.07 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF081258.D
 Acq: 28 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :
 SB2(24-25)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.6	42.8
54	67.1	55.1	82.7

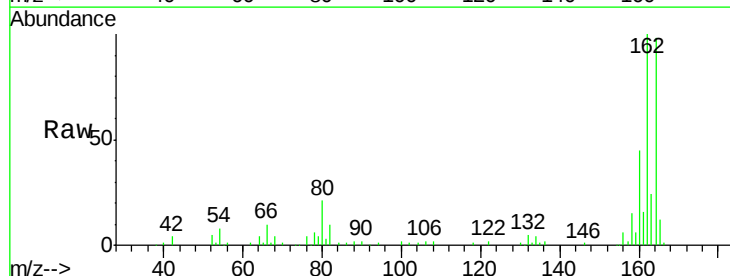


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

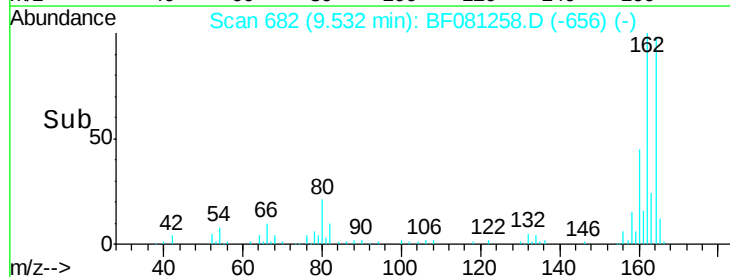
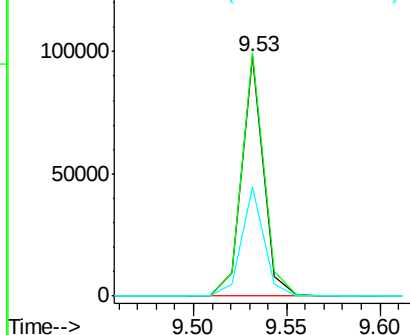


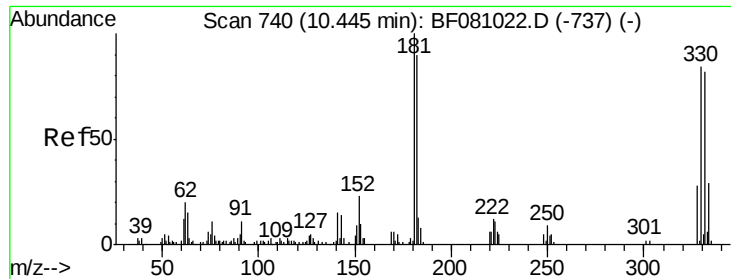
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF081258.D
 Acq: 28 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	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

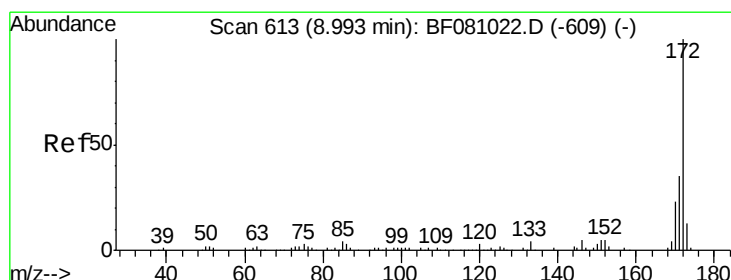
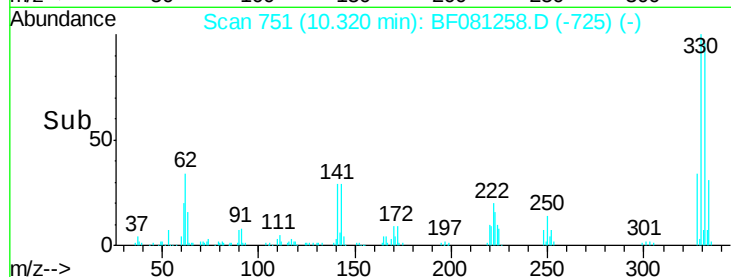
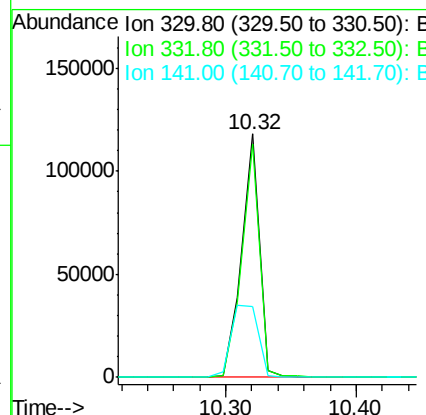
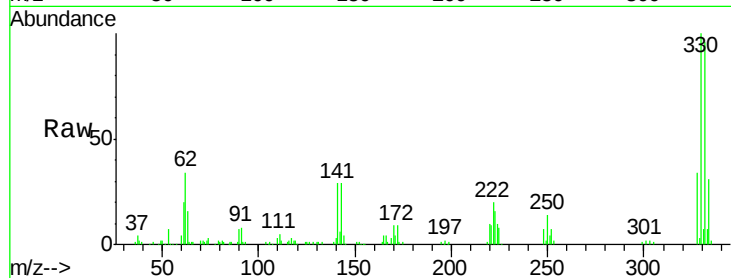




#41
 2,4,6-Tribromophenol
 Concen: 161.69 ng
 RT: 10.32 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF081258.D
 Acq: 28 Aug 2015 2:41

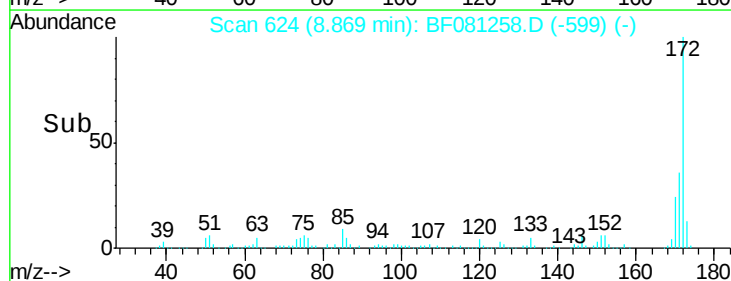
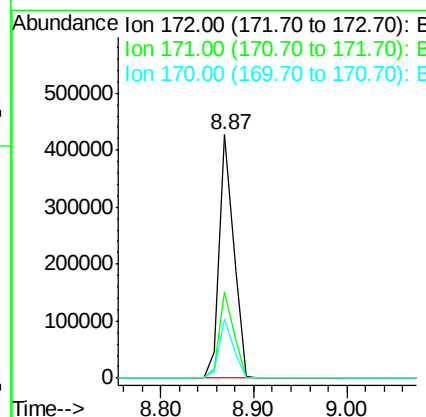
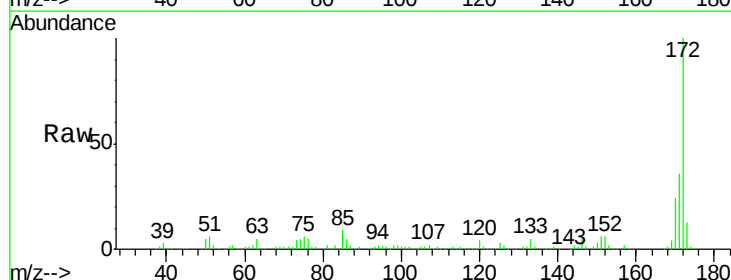
Instrument :
 BNA_F
 ClientSampleId :
 SB2(24-25)

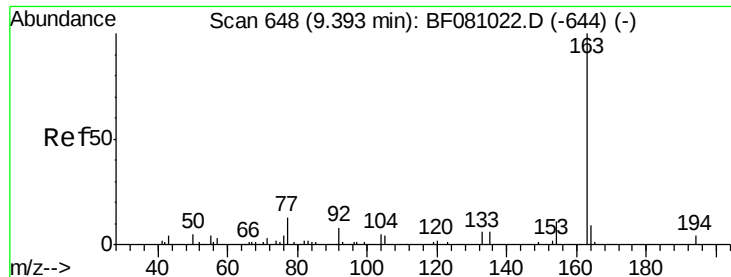
Tgt Ion:330 Resp: 111082
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 45.3 44.9 67.3



#44
 2-Fluorobiphenyl
 Concen: 76.00 ng
 RT: 8.87 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF081258.D
 Acq: 28 Aug 2015 2:41

Tgt Ion:172 Resp: 459695
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 24.2 19.4 29.2

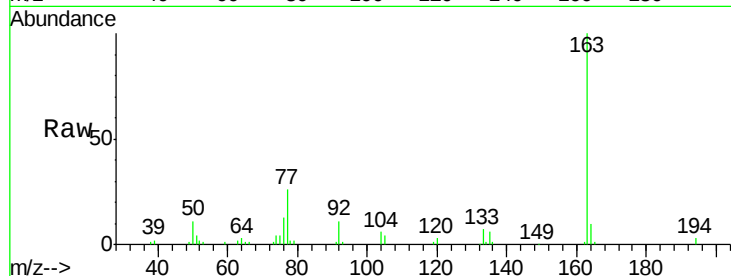




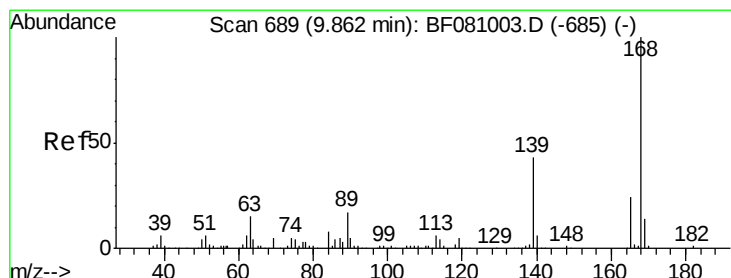
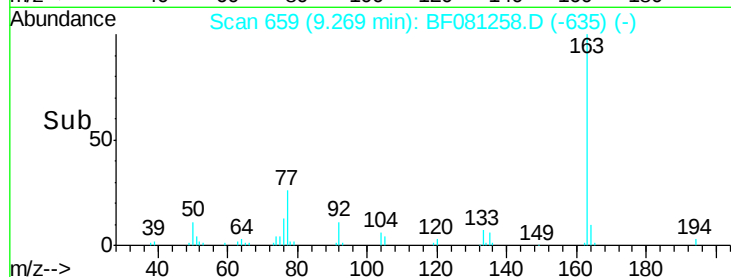
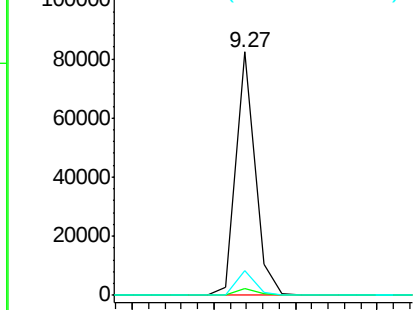
#49
Dimethylphthalate
Concen: 10.18 ng
RT: 9.27 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF081258.D
Acq: 28 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
SB2(24-25)

Tgt Ion:163 Resp: 66446
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.4 8.1 12.1

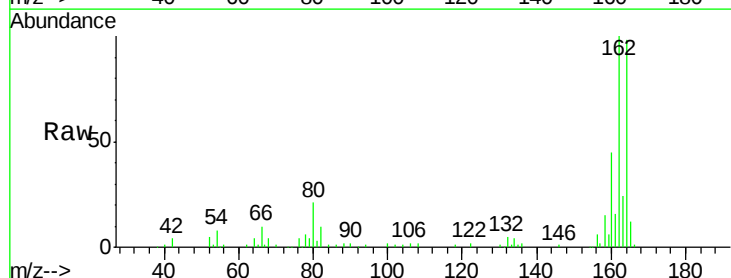


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

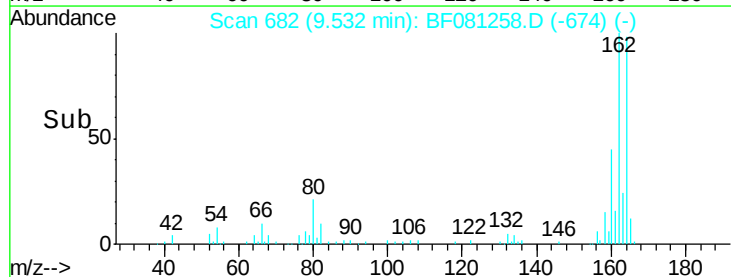
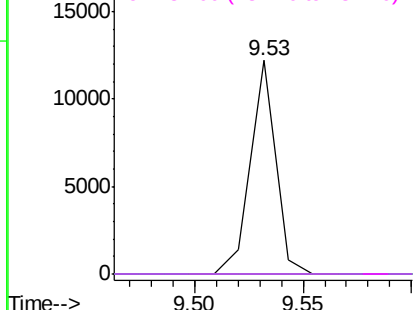


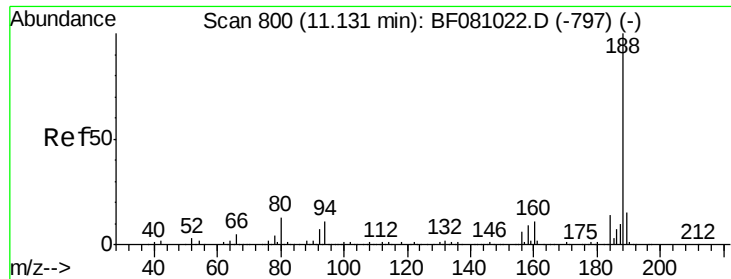
#56
2,4-Dinitrotoluene
Concen: 5.30 ng
RT: 9.53 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF081258.D
Acq: 28 Aug 2015 2:41

Tgt Ion:165 Resp: 9836
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

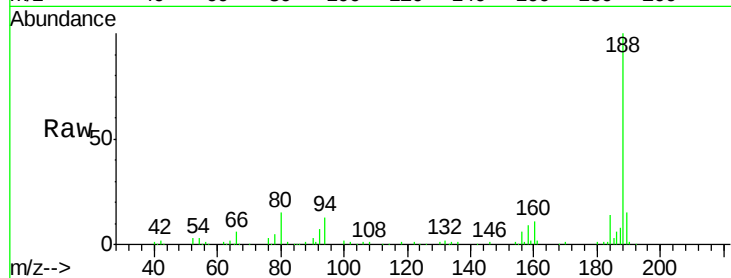




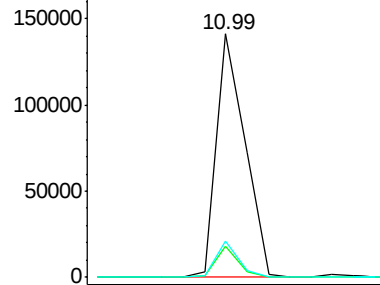
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081258.D
Acq: 28 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
SB2(24-25)

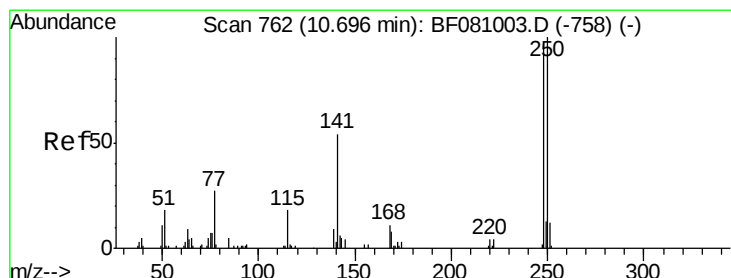
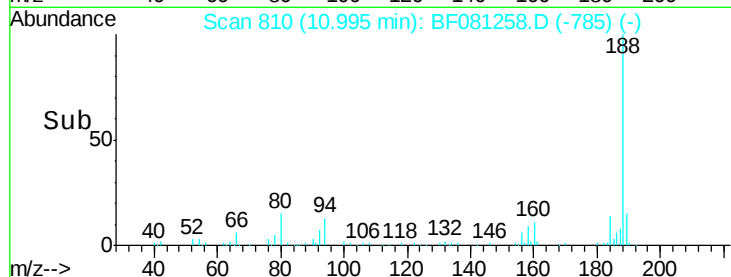
Tgt Ion:188 Resp: 150542
Ion Ratio Lower Upper
188 100
94 12.6 8.2 12.2#
80 14.9 9.5 14.3#



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

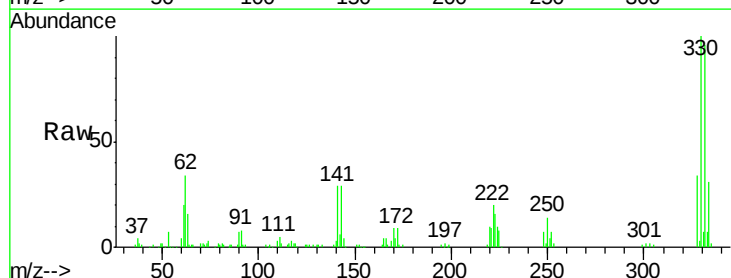


Time-->

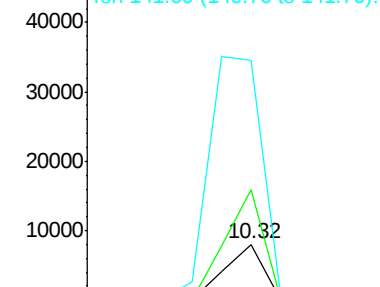


#66
4-Bromophenyl-phenylether
Concen: 5.64 ng
RT: 10.32 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF081258.D
Acq: 28 Aug 2015 2:41

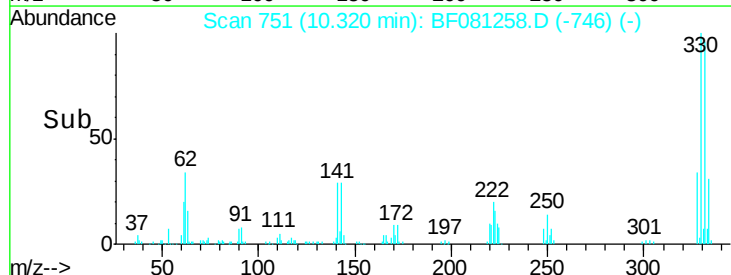
Tgt Ion:248 Resp: 8341
Ion Ratio Lower Upper
248 100
250 198.7 77.8 116.6#
141 430.0 39.8 59.6#

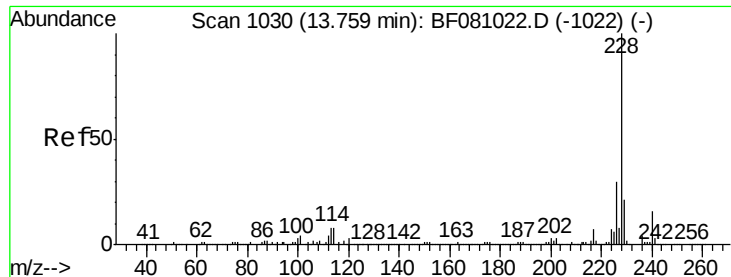


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF081258.D

Acq: 28 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

SB2(24-25)

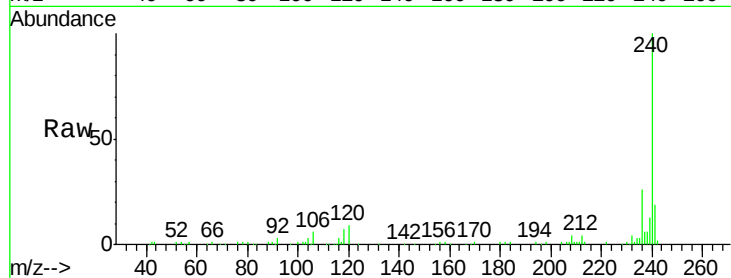
Tgt Ion:240 Resp: 136898

Ion Ratio Lower Upper

240 100

120 8.6 5.6 8.4#

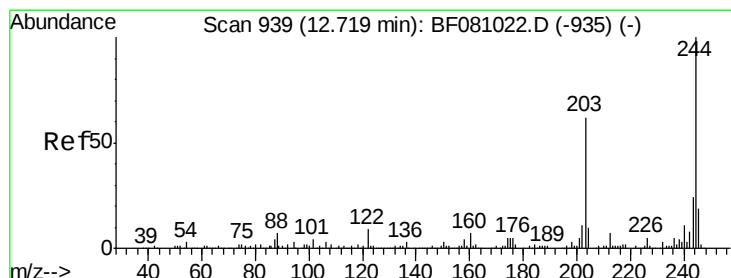
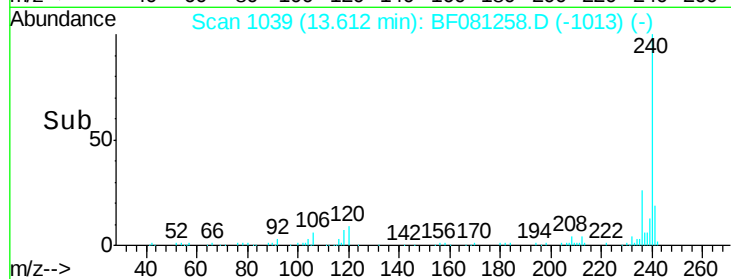
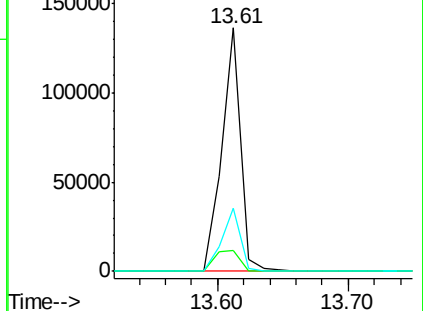
236 25.7 20.6 30.8



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: 69.89 ng

RT: 12.58 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF081258.D

Acq: 28 Aug 2015 2:41

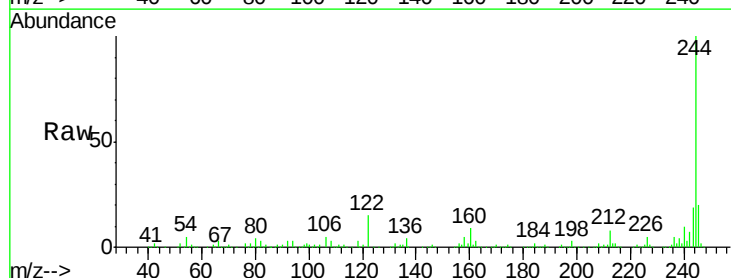
Tgt Ion:244 Resp: 446291

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

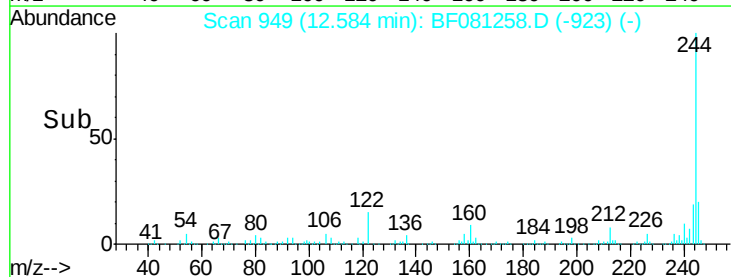
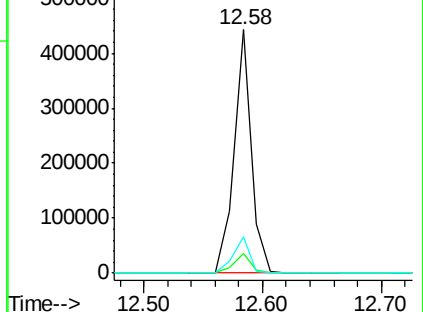
122 14.8 8.2 12.4#

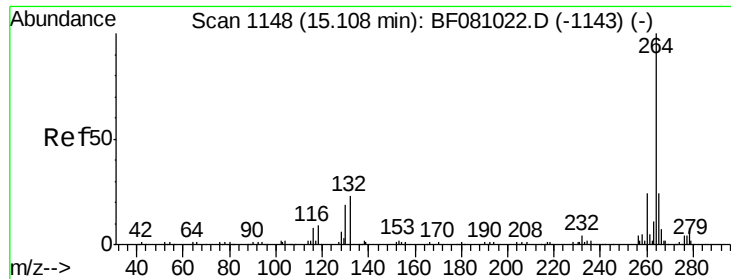


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.94 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF081258.D
Acq: 28 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :
SB2(24-25)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.5	17.5	26.3

