

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081095.D
 Acq On : 19 Aug 2015 22:29
 Operator : UM/IZ
 Sample : G3310-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:49:53 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

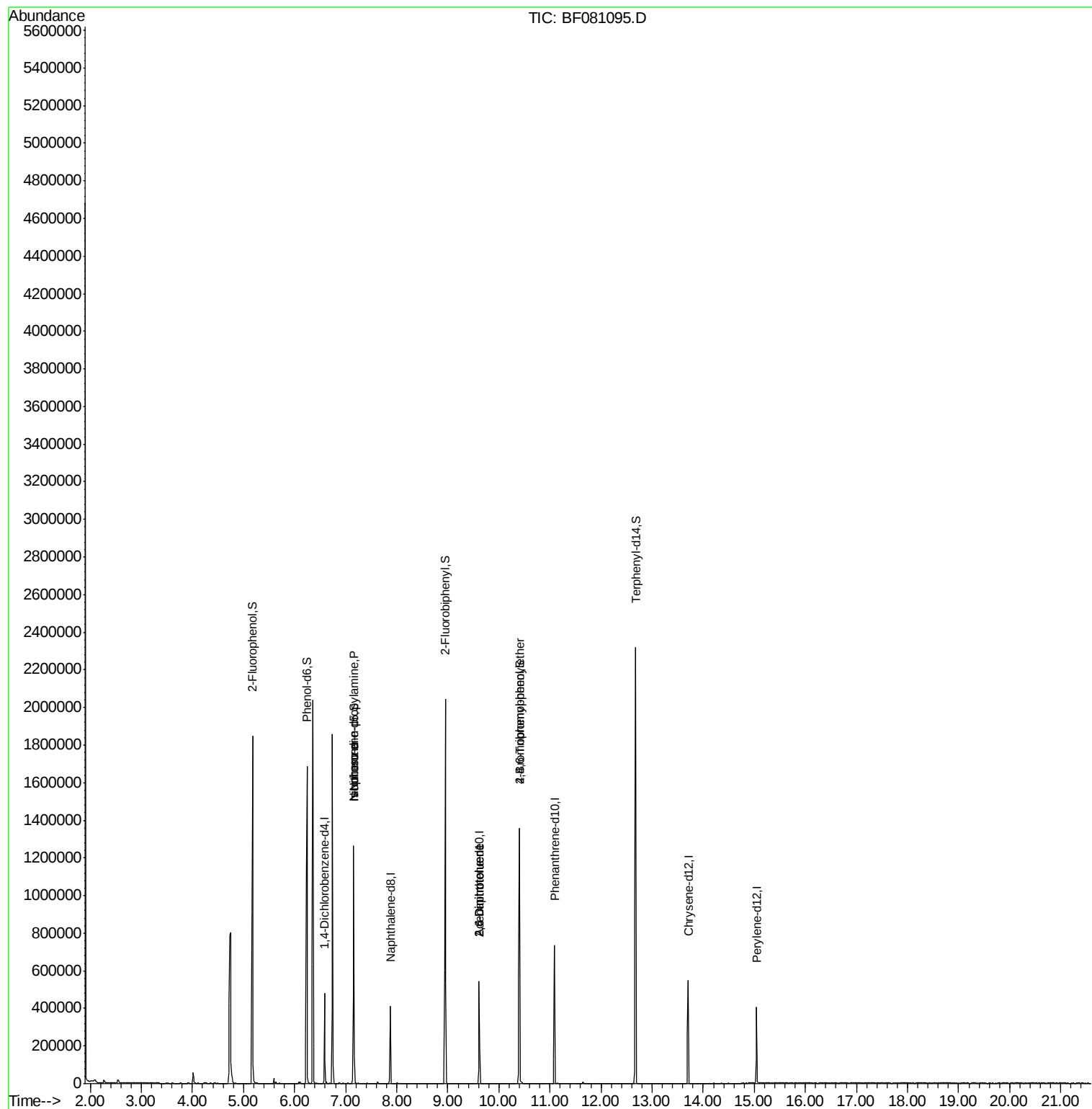
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	65998	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	258528	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	116104	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	249558	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	215065	20.00	ng	-0.04
86) Perylene-d12	15.04	264	159056	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	506367	115.40	ng	0.00
7) Phenol-d6	6.24	99	711639	124.30	ng	-0.02
23) Nitrobenzene-d5	7.16	82	433237	76.55	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	130220	129.39	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	732044	82.61	ng	-0.04
78) Terphenyl-d14	12.68	244	719934	71.76	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	58610	14.78	ng	# 70
25) Isophorone	7.16	82	323386	30.64	ng	# 71
50) 2,6-Dinitrotoluene	9.61	165	14766	7.19	ng	# 22
56) 2,4-Dinitrotoluene	9.61	165	14766	5.43	ng	# 17
66) 4-Bromophenyl-phenylether	10.40	248	10563	4.31	ng	# 1

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

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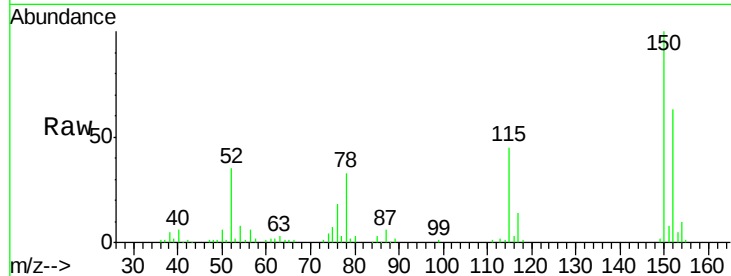


#1

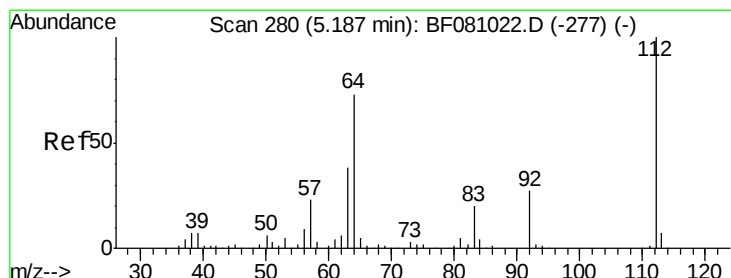
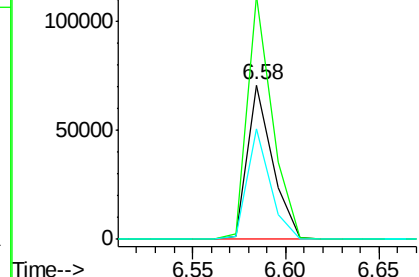
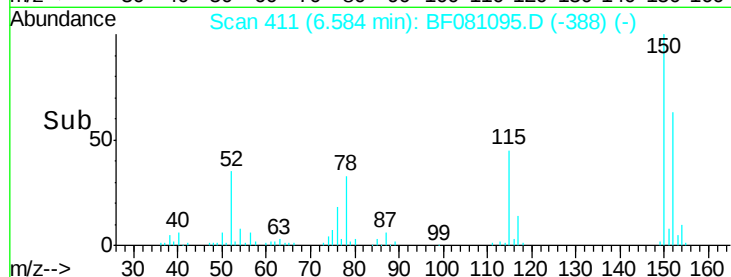
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081095.D
Acq: 19 Aug 2015 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 65998
Ion Ratio Lower Upper
152 100
150 158.0 123.8 185.6
115 71.3 52.1 78.1



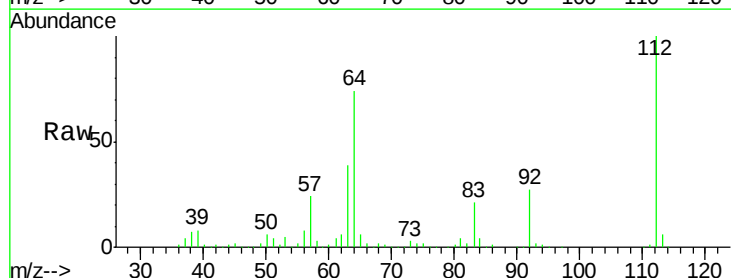
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



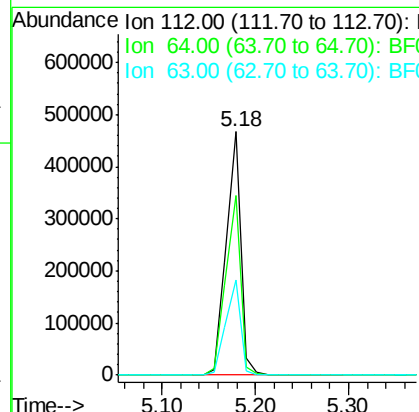
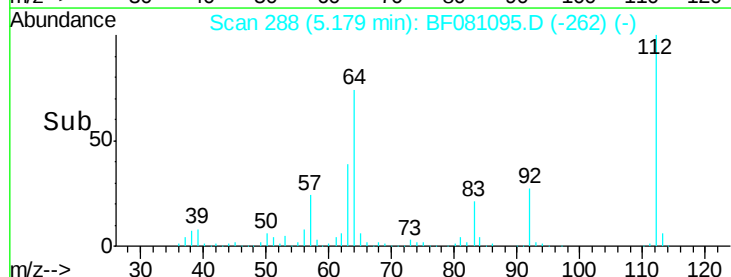
#5

2-Fluorophenol
Concen: 115.40 ng
RT: 5.18 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF081095.D
Acq: 19 Aug 2015 22:29

Tgt Ion:112 Resp: 506367
Ion Ratio Lower Upper
112 100
64 73.5 66.9 100.3
63 39.3 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: 124.30 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081095.D

Acq: 19 Aug 2015 22:29

Instrument :

BNA_F

ClientSampleId :

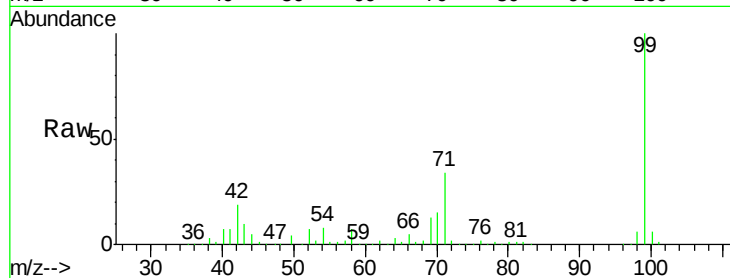
Tot Ion: 99 Resp: 711639

Ion Ratio Lower Upper

99 100

42 19.4 19.6 29.4#

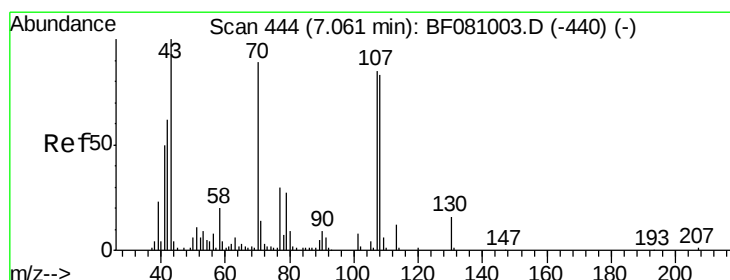
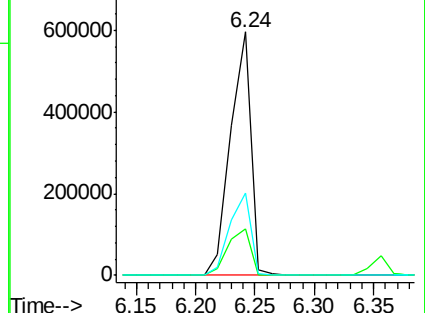
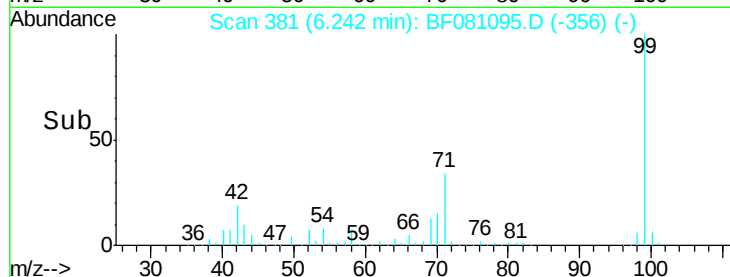
71 33.9 31.2 46.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.78 ng

RT: 7.16 min Scan# 461

Delta R.T. 0.11 min

Lab File: BF081095.D

Acq: 19 Aug 2015 22:29

Tgt Ion: 70 Resp: 58610

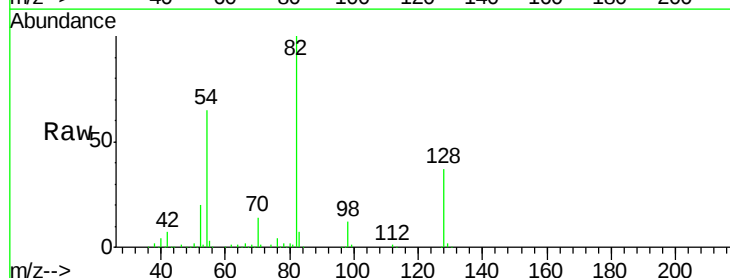
Ion Ratio Lower Upper

70 100

42 54.7 65.0 97.4#

101 0.0 7.4 11.2#

130 1.8 13.0 19.4#

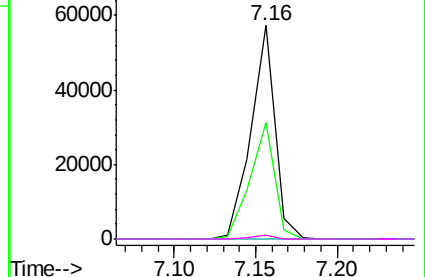
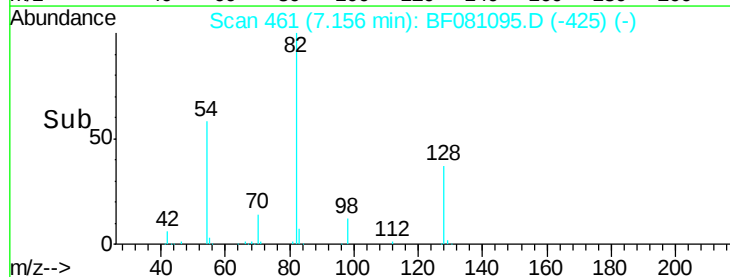


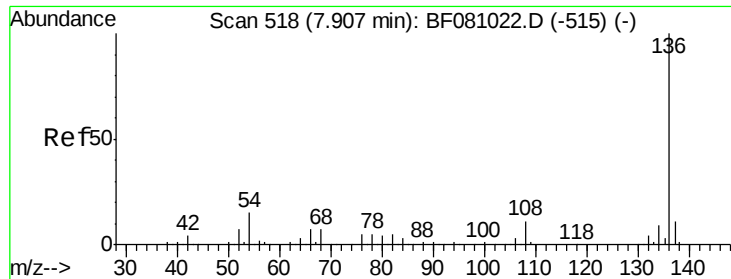
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

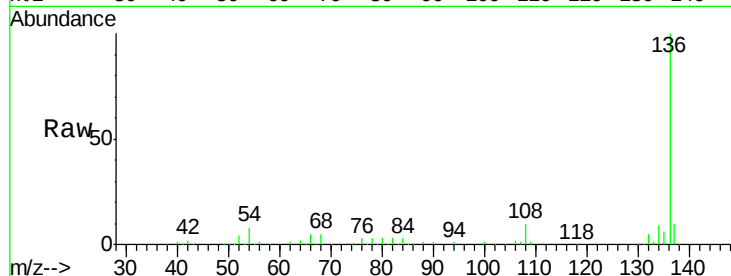




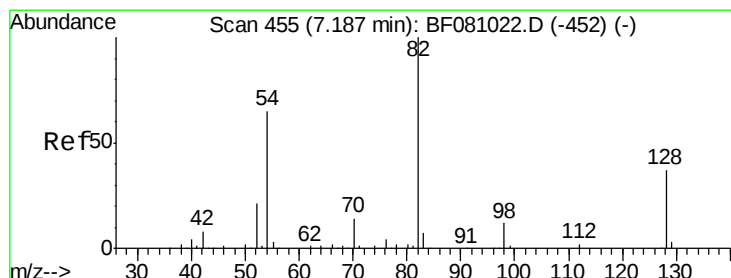
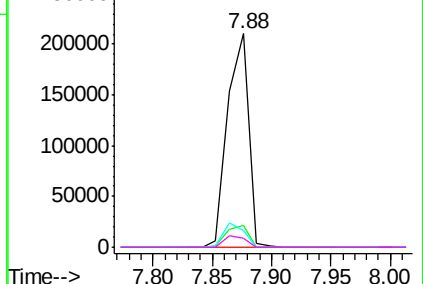
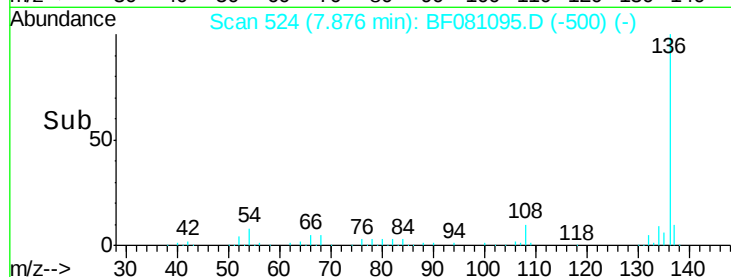
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081095.D
Acq: 19 Aug 2015 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	258528
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.2 12.2
54	8.0	7.7 11.5
68	4.5	3.4 5.2

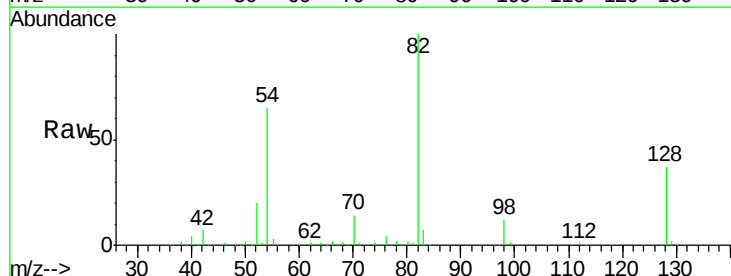


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

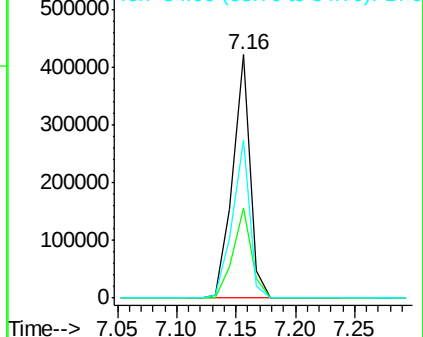
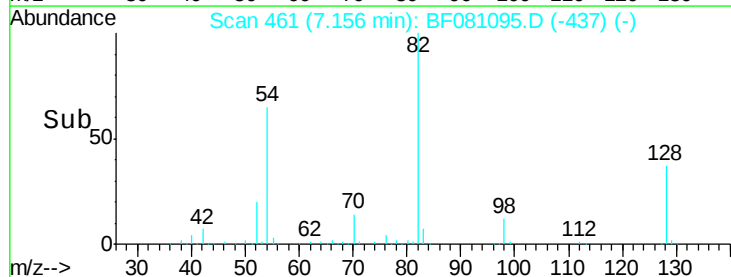


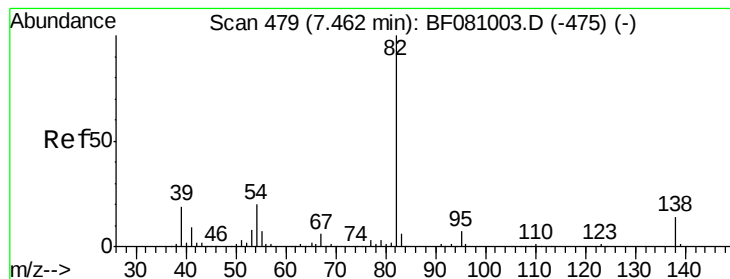
#23
Nitrobenzene-d5
Concen: 76.55 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081095.D
Acq: 19 Aug 2015 22:29

Tgt Ion: 82	Resp:	433237
Ion	Ratio	Lower Upper
82	100	
128	37.1	28.6 42.8
54	64.9	55.1 82.7



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





#25

Isophorone

Concen: 30.64 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.29 min

Lab File: BF081095.D

Acq: 19 Aug 2015 22:29

Instrument :

BNA_F

ClientSampleId :

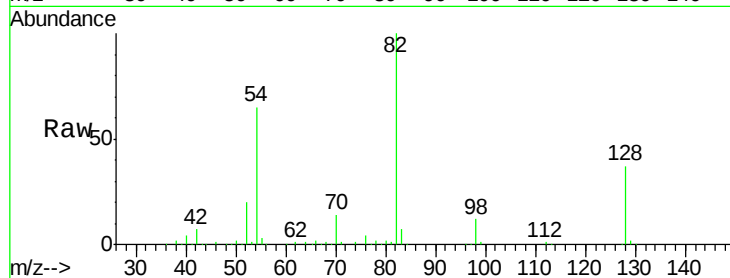
Tot Ion: 82 Resp: 323386

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

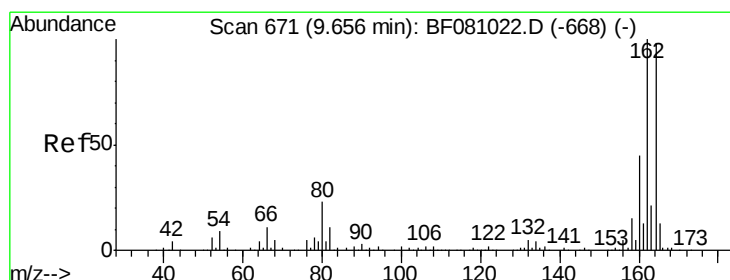
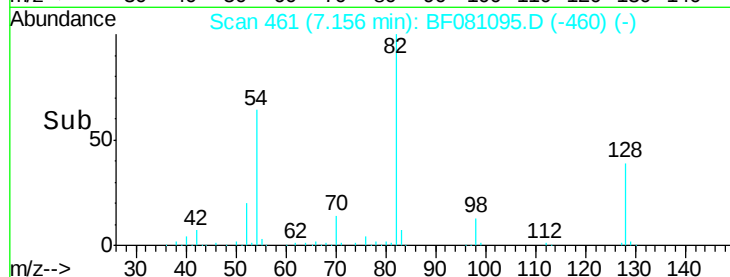
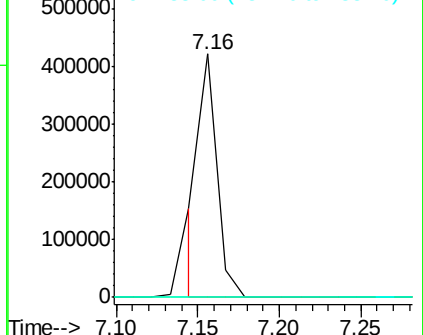
138 0.0 10.5 15.7#



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: 9.61 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF081095.D

Acq: 19 Aug 2015 22:29

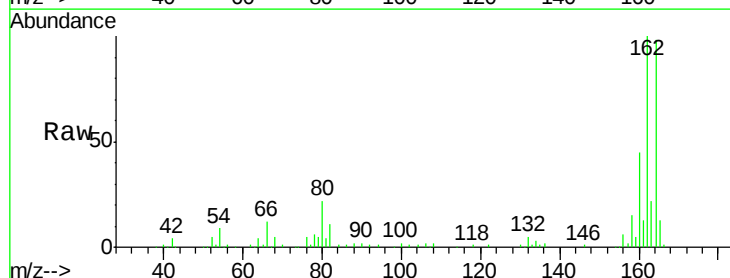
Tgt Ion: 164 Resp: 116104

Ion Ratio Lower Upper

164 100

162 102.2 83.8 125.8

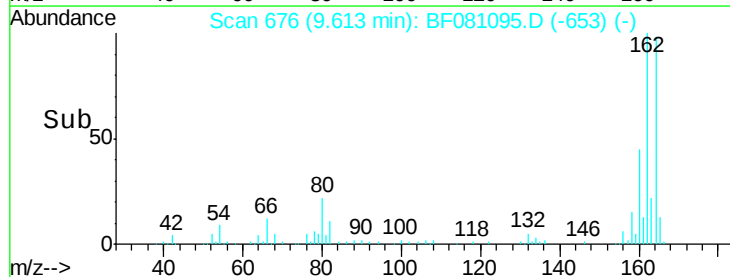
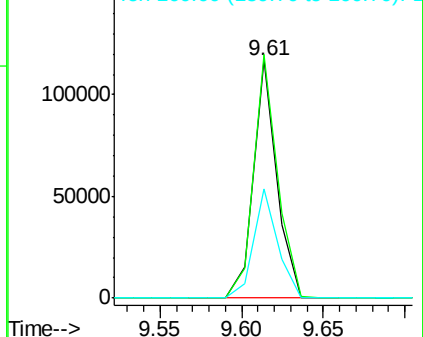
160 45.9 39.8 59.8



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: 129.39 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081095.D

Acq: 19 Aug 2015 22:29

Instrument :

BNA_F

ClientSampleId :

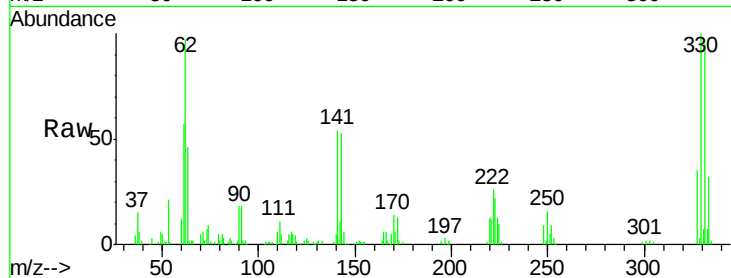
Tot Ion:330 Resp: 130220

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

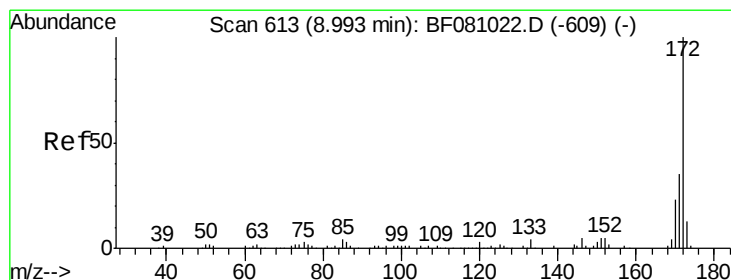
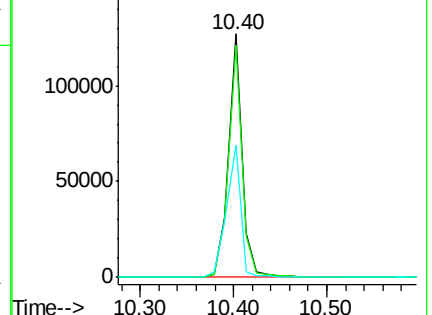
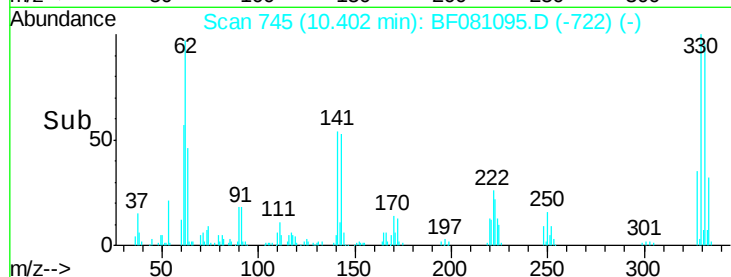
141 56.2 44.9 67.3



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: 82.61 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.04 min

Lab File: BF081095.D

Acq: 19 Aug 2015 22:29

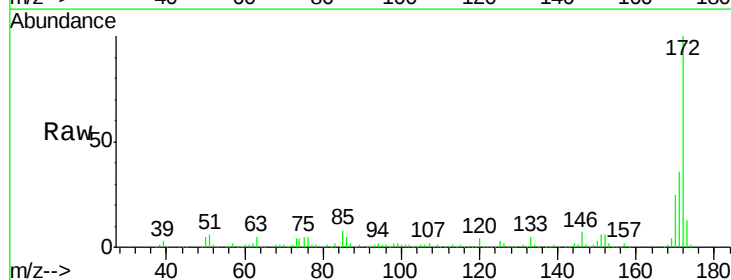
Tgt Ion:172 Resp: 732044

Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

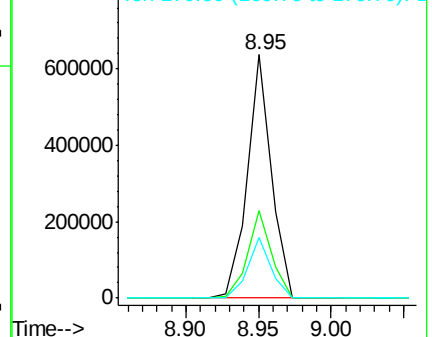
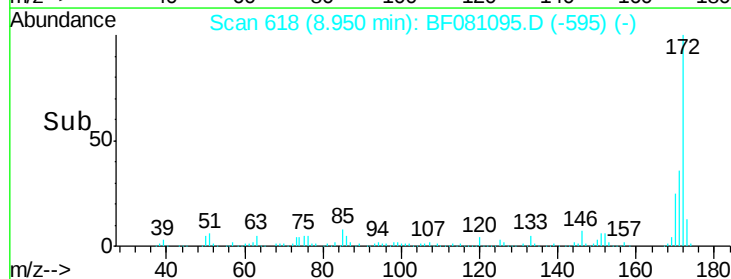
170 24.8 19.4 29.2

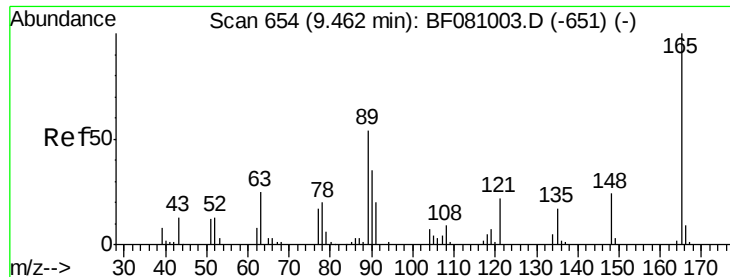


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

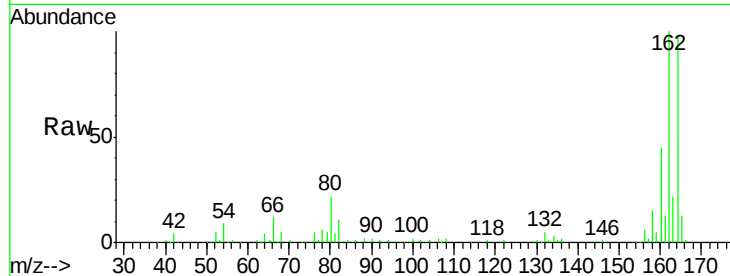




#50
 2,6-Dinitrotoluene
 Concen: 7.19 ng
 RT: 9.61 min Scan# 676
 Delta R.T. 0.16 min
 Lab File: BF081095.D
 Acq: 19 Aug 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :

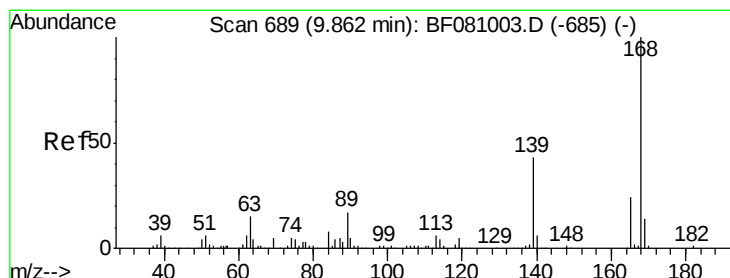
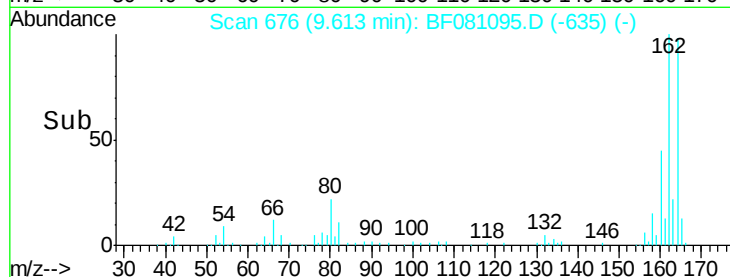
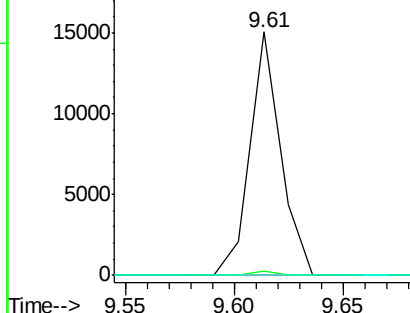
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	49.5	74.3#
89	0.0	47.6	71.4#



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: 5.43 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.24 min
 Lab File: BF081095.D
 Acq: 19 Aug 2015 22:29

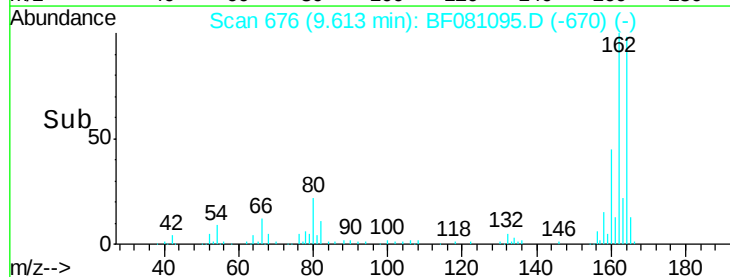
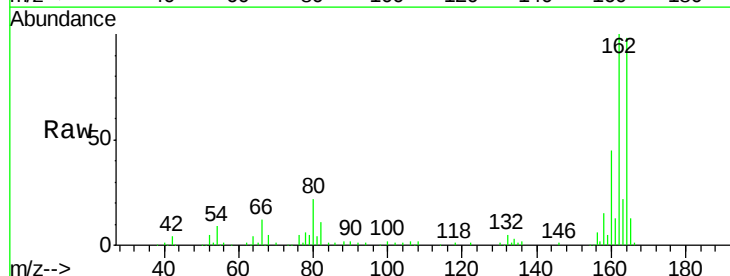
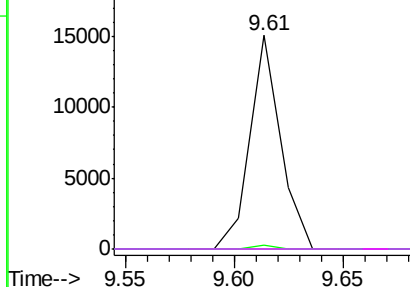
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

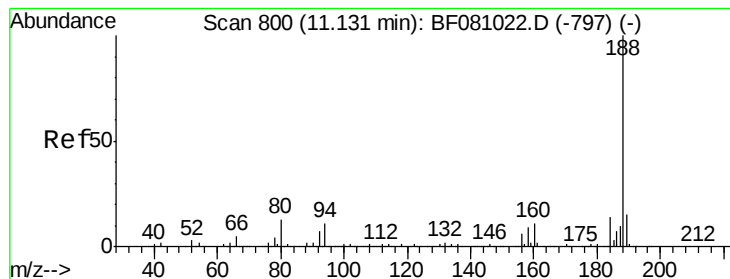
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF081095.D

Acq: 19 Aug 2015 22:29

Instrument :

BNA_F

ClientSampleId :

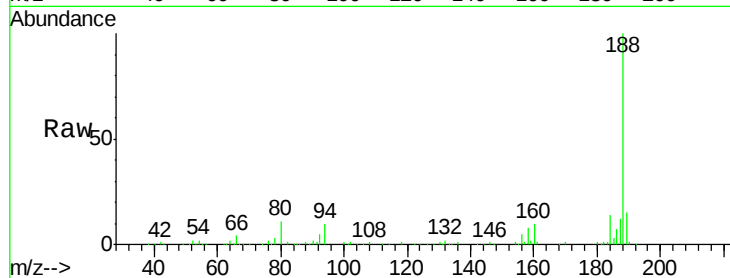
Tot Ion:188 Resp: 249558

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

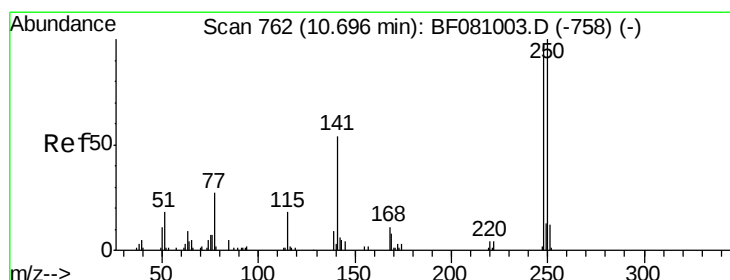
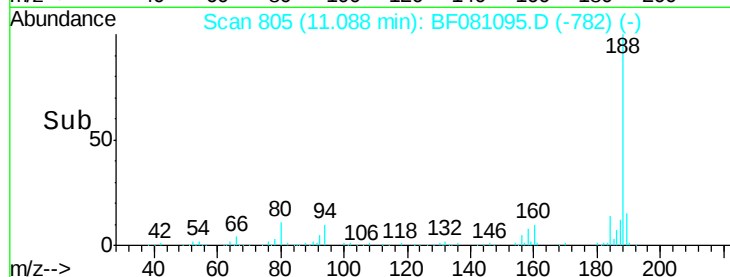
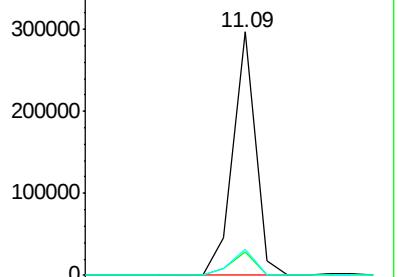
80 10.8 9.5 14.3



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: BF081095.D

Acq: 19 Aug 2015 22:29

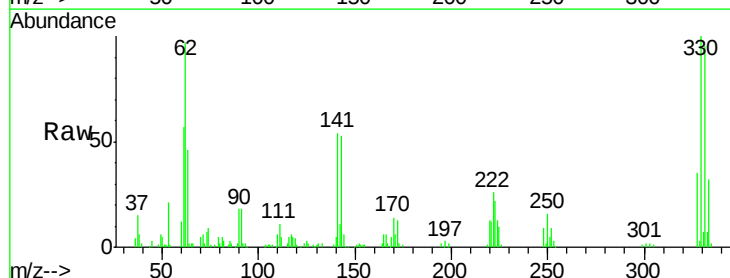
Tgt Ion:248 Resp: 10563

Ion Ratio Lower Upper

248 100

250 182.3 77.8 116.6#

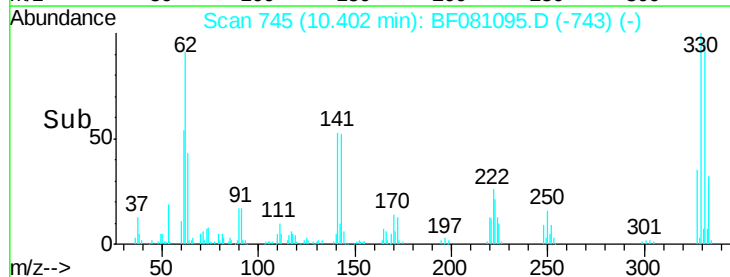
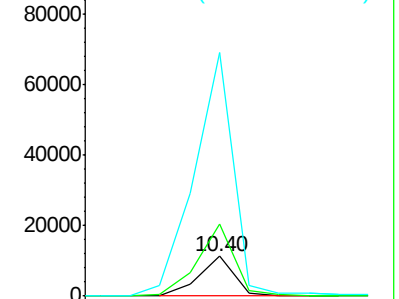
141 616.3 39.8 59.6#

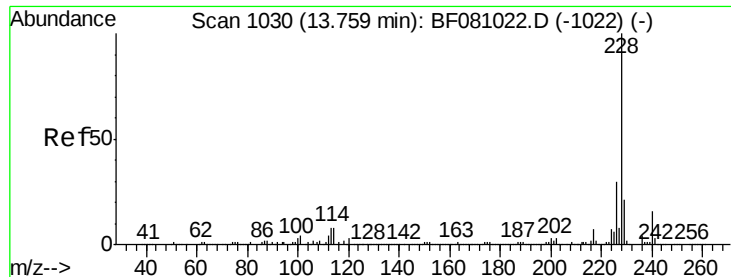


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF081095.D

Acq: 19 Aug 2015 22:29

Instrument :

BNA_F

ClientSampleId :

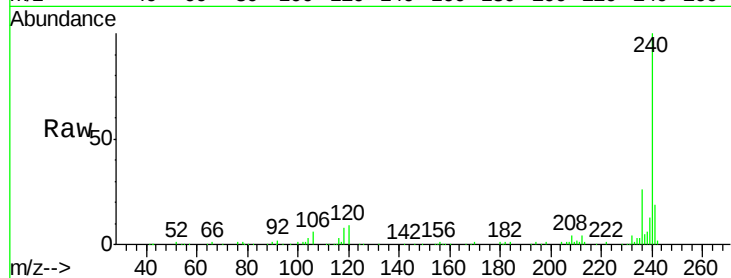
Tot Ion:240 Resp: 215065

Ion Ratio Lower Upper

240 100

120 8.7 5.6 8.4#

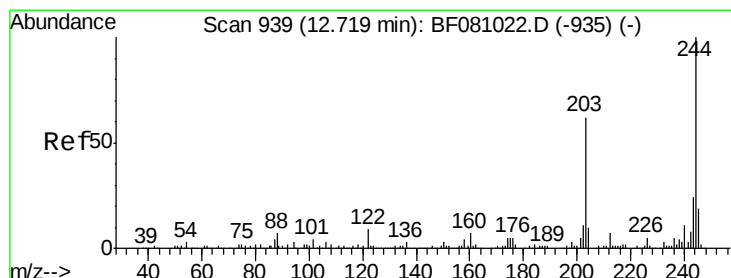
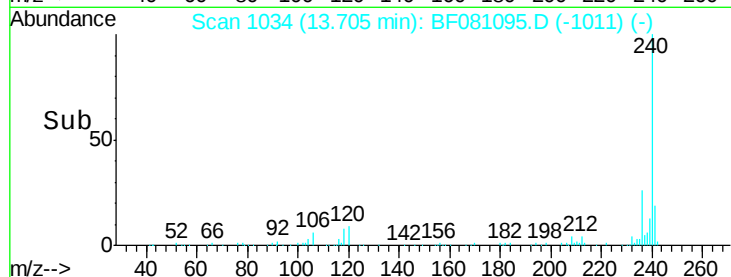
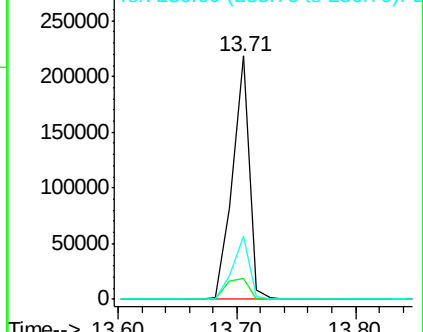
236 26.1 20.6 30.8



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: 71.76 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF081095.D

Acq: 19 Aug 2015 22:29

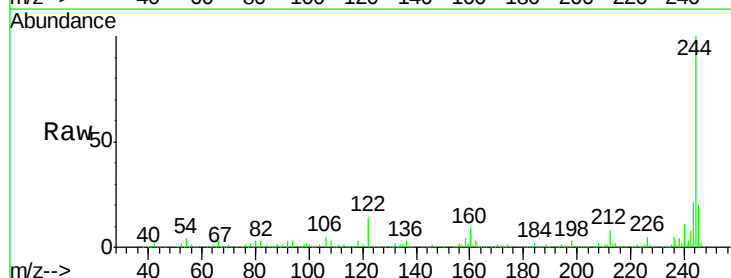
Tgt Ion:244 Resp: 719934

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

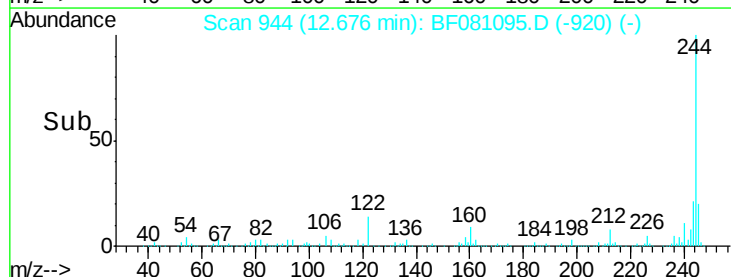
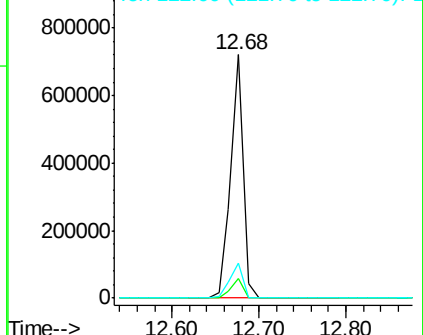
122 14.4 8.2 12.4#

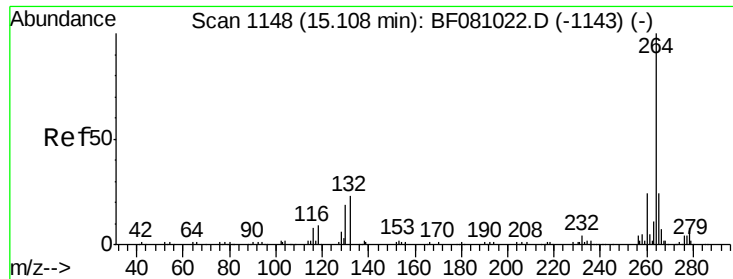


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

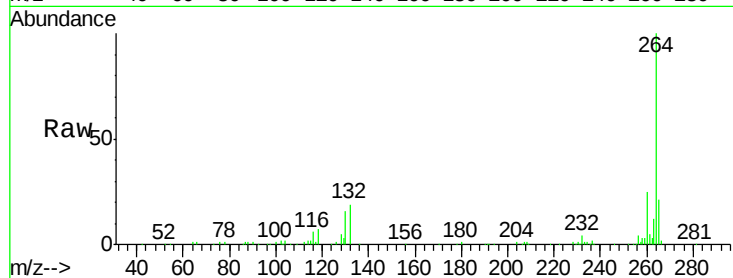




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081095.D
 Acq: 19 Aug 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	20.8	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

