

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081097.D
 Acq On : 19 Aug 2015 23:31
 Operator : UM/IZ
 Sample : G3304-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:50:25 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

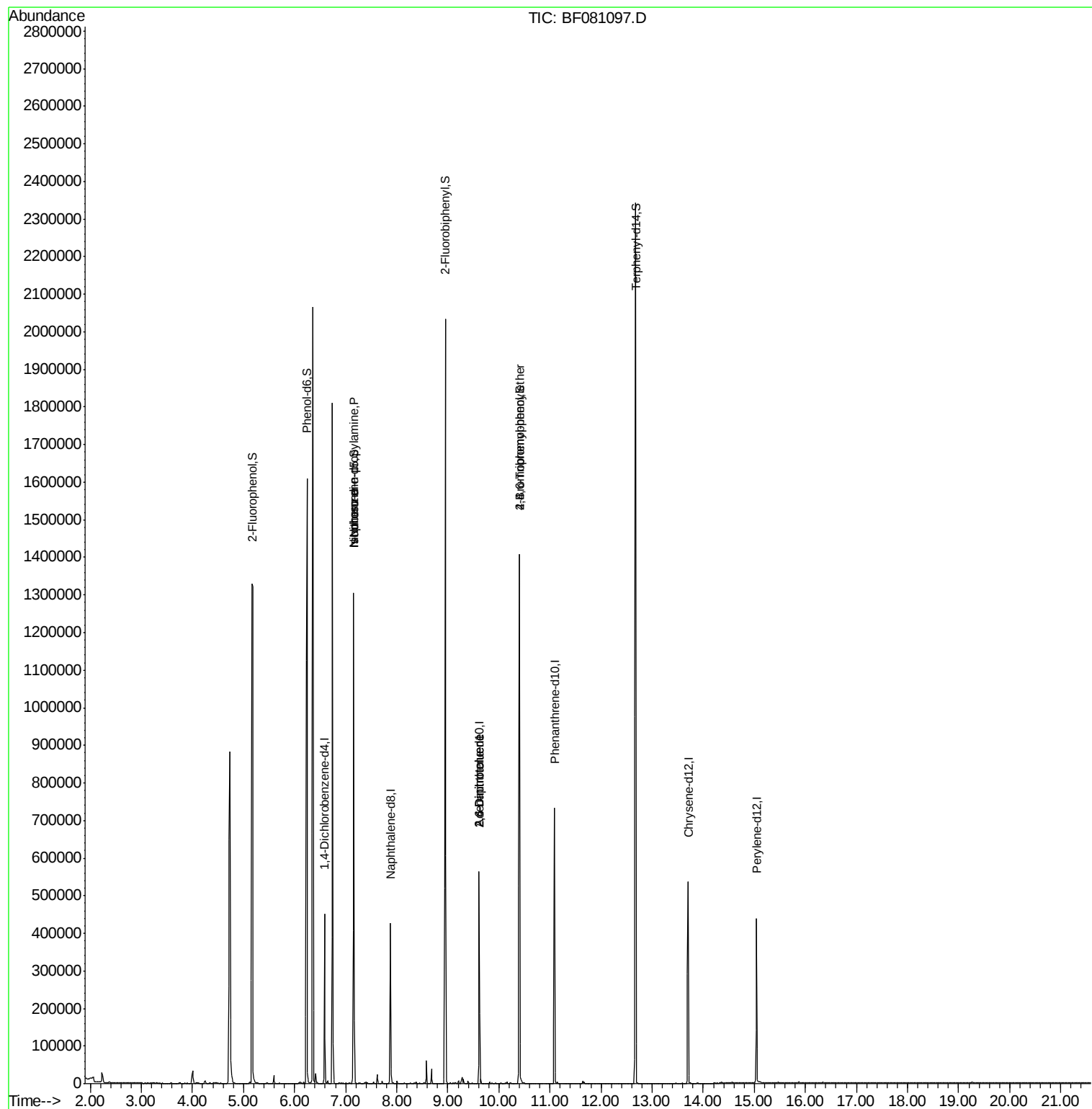
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	62198	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	252023	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	112938	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	249992	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	220031	20.00	ng	-0.04
86) Perylene-d12	15.04	264	170161	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	535151	129.41	ng	0.00
7) Phenol-d6	6.24	99	704738	130.62	ng	-0.02
23) Nitrobenzene-d5	7.16	82	431395	78.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	130084	132.88	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	718984	83.41	ng	-0.04
78) Terphenyl-d14	12.68	244	742274	72.32	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	58720	15.71	ng	# 69
25) Isophorone	7.16	82	336545	32.71	ng	# 71
50) 2,6-Dinitrotoluene	9.61	165	14511	7.27	ng	# 22
56) 2,4-Dinitrotoluene	9.61	165	14511	5.48	ng	# 17
66) 4-Bromophenyl-phenylether	10.40	248	10729	4.37	ng	# 1

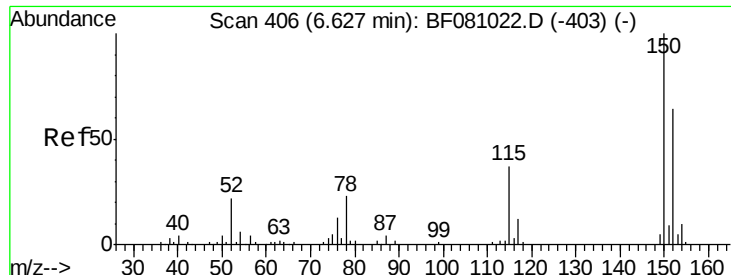
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 17:57:25 2015
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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: BF081097.D

Acq: 19 Aug 2015 23:31

Instrument :

BNA_F

ClientSampleId :

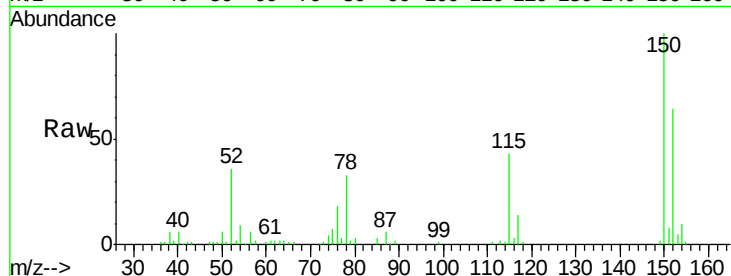
Tot Ion:152 Resp: 62198

Ion Ratio Lower Upper

152 100

150 157.1 123.8 185.6

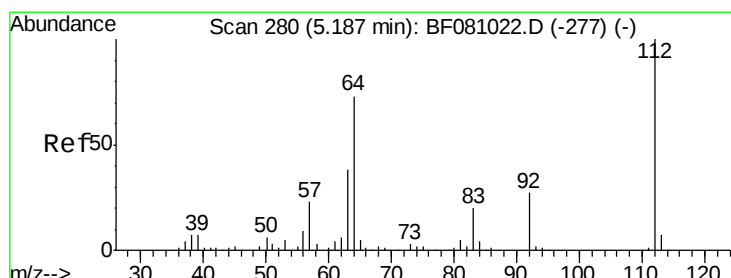
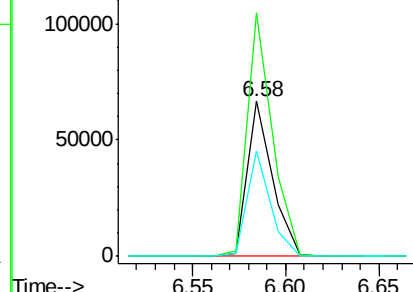
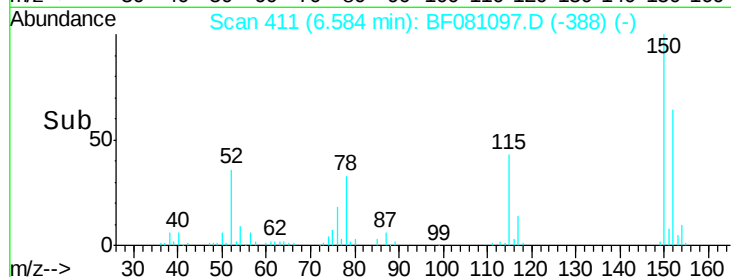
115 68.0 52.1 78.1



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: 129.41 ng

RT: 5.18 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF081097.D

Acq: 19 Aug 2015 23:31

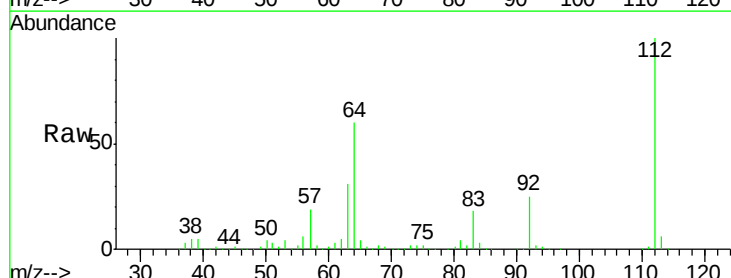
Tgt Ion:112 Resp: 535151

Ion Ratio Lower Upper

112 100

64 59.6 66.9 100.3#

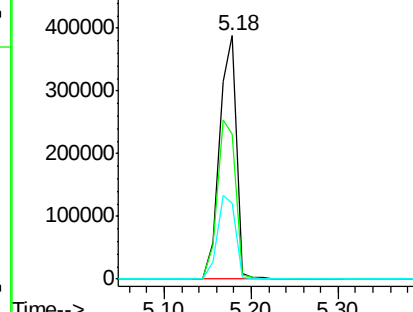
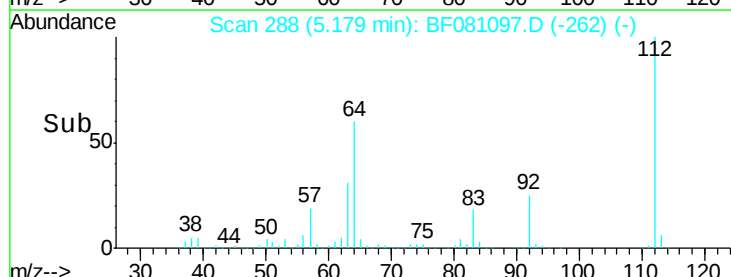
63 31.1 38.1 57.1#



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: 130.62 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081097.D

Acq: 19 Aug 2015 23:31

Instrument :

BNA_F

ClientSampleId :

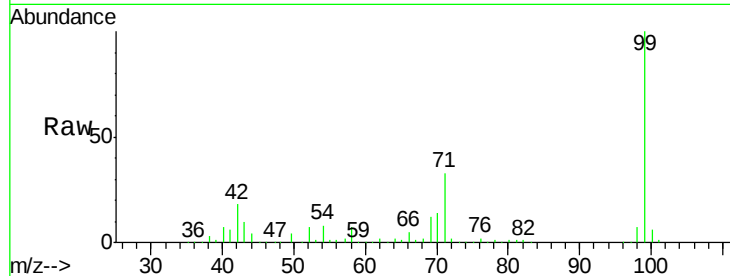
Tot Ion: 99 Resp: 704738

Ion Ratio Lower Upper

99 100

42 17.9 19.6 29.4#

71 32.9 31.2 46.8



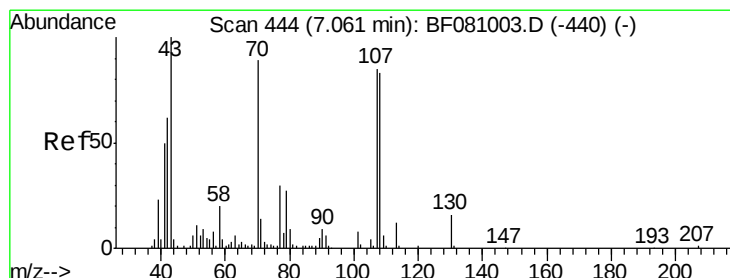
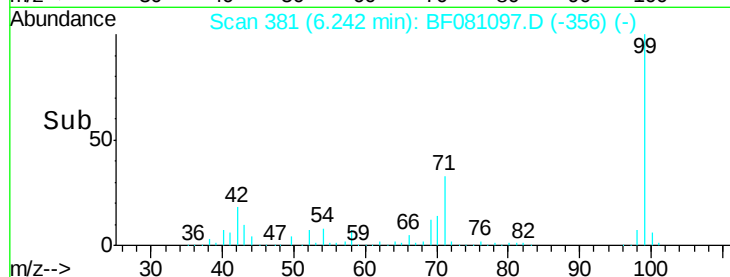
Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.24

400000

200000

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 15.71 ng

RT: 7.16 min Scan# 461

Delta R.T. 0.11 min

Lab File: BF081097.D

Acq: 19 Aug 2015 23:31

Tgt Ion: 70 Resp: 58720

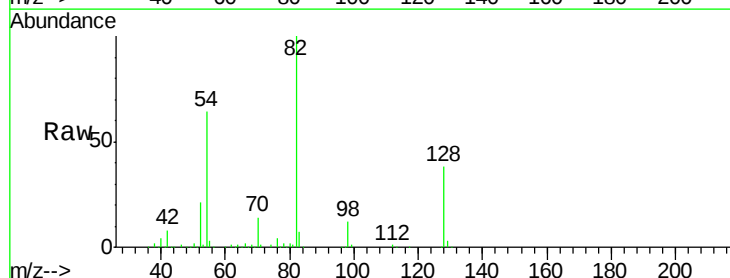
Ion Ratio Lower Upper

70 100

42 54.0 65.0 97.4#

101 0.0 7.4 11.2#

130 1.7 13.0 19.4#



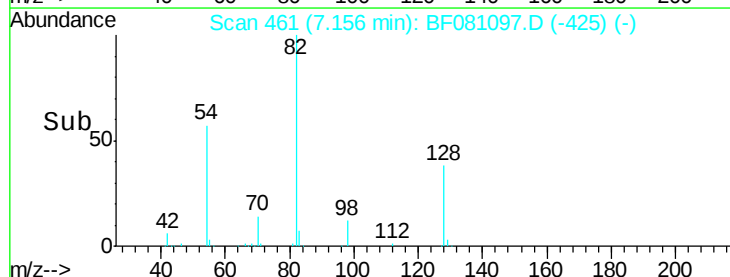
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

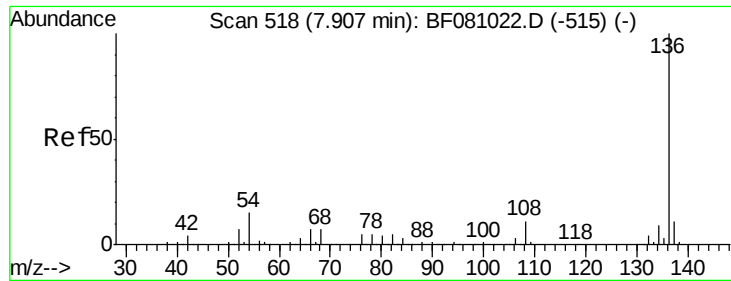
7.16

40000

20000

Time-->

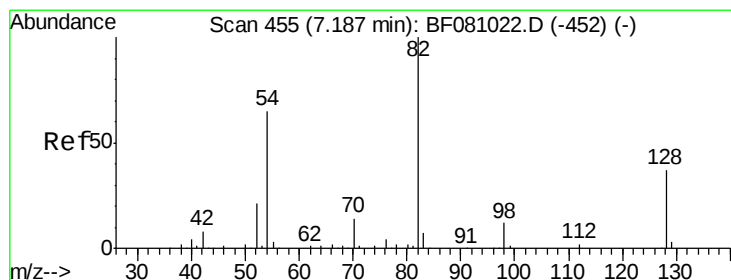
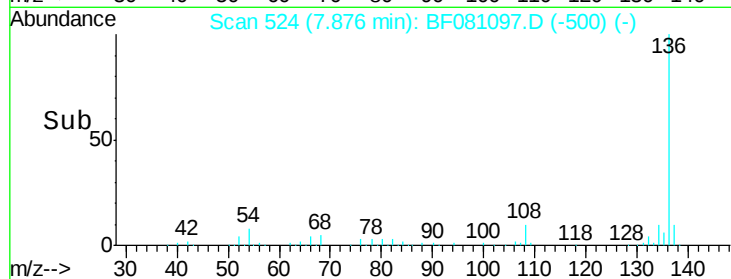
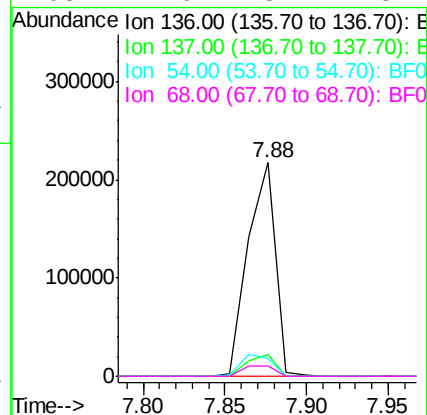
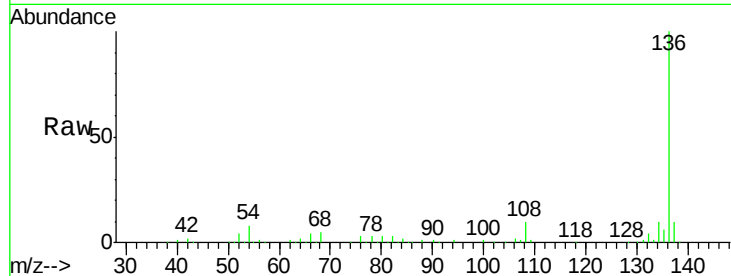




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081097.D
Acq: 19 Aug 2015 23:31

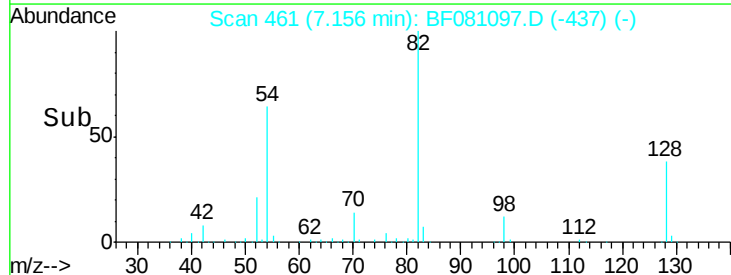
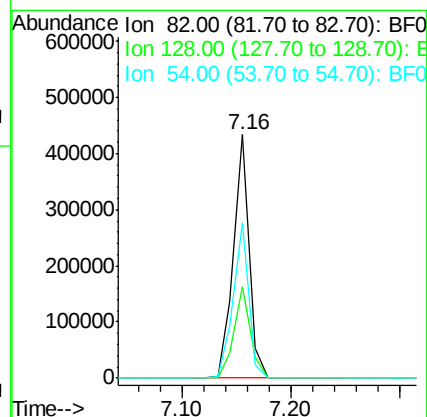
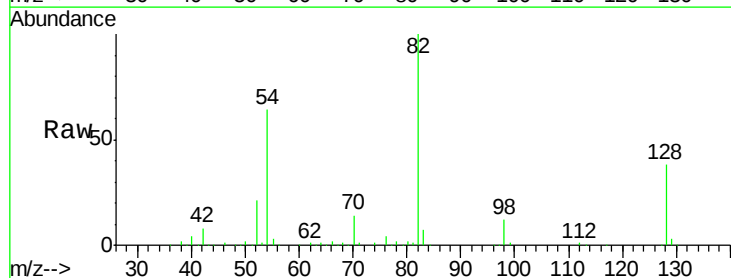
Instrument :
BNA_F
ClientSampleId :

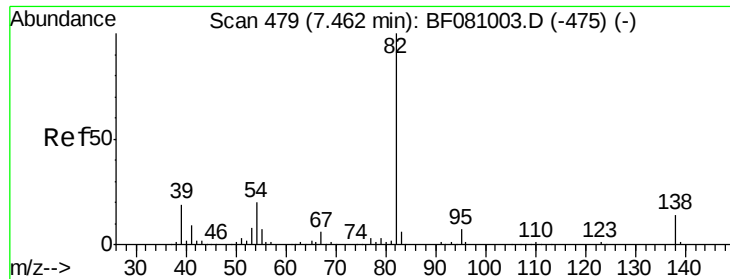
Tot Ion:136	Resp:	252023
Ion	Ratio	Lower Upper
136	100	
137	10.1	8.2 12.2
54	8.4	7.7 11.5
68	4.6	3.4 5.2



#23
Nitrobenzene-d5
Concen: 78.19 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081097.D
Acq: 19 Aug 2015 23:31

Tgt Ion: 82	Resp:	431395
Ion	Ratio	Lower Upper
82	100	
128	37.7	28.6 42.8
54	63.8	55.1 82.7





#25

Isophorone

Concen: 32.71 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.29 min

Lab File: BF081097.D

Acq: 19 Aug 2015 23:31

Instrument :

BNA_F

ClientSampleId :

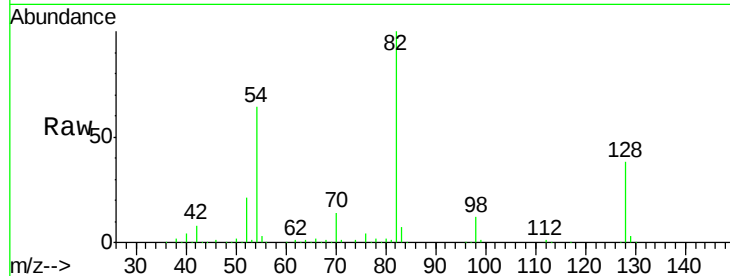
Tot Ion: 82 Resp: 336545

Ion Ratio Lower Upper

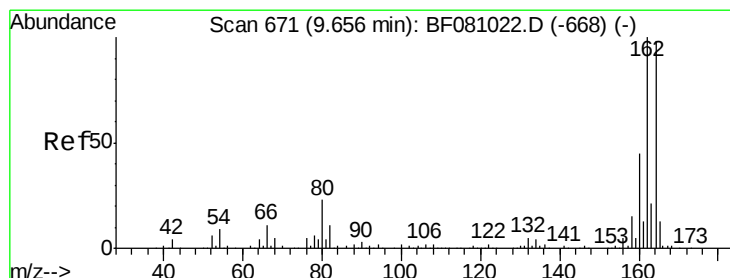
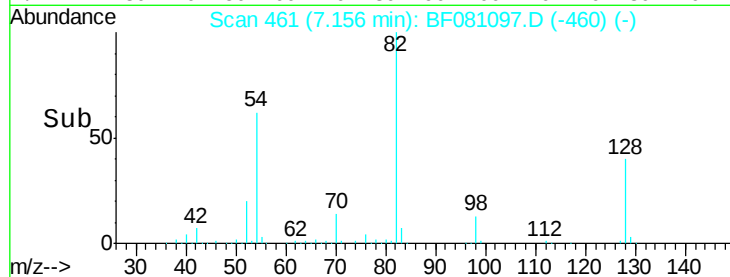
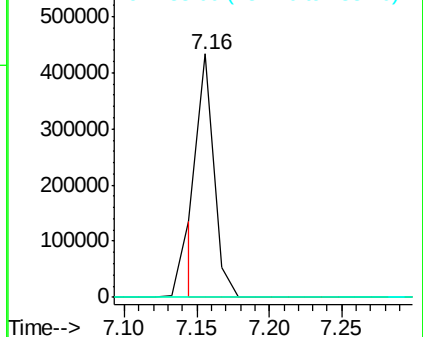
82 100

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: BF081097.D

Acq: 19 Aug 2015 23:31

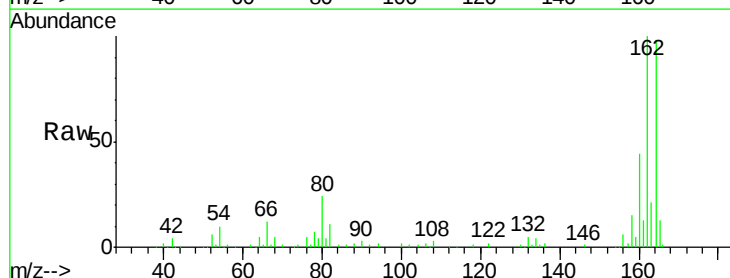
Tgt Ion: 164 Resp: 112938

Ion Ratio Lower Upper

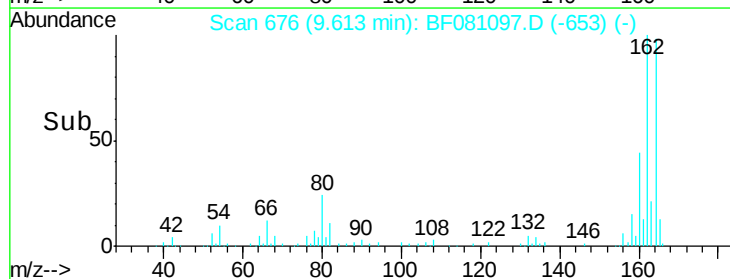
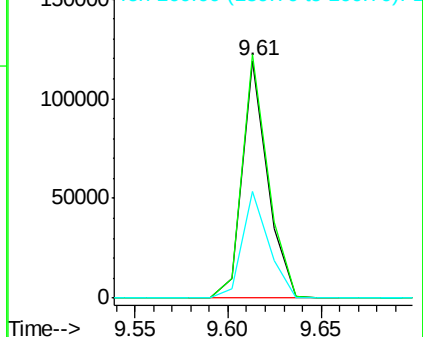
164 100

162 102.4 83.8 125.8

160 44.9 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: 132.88 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081097.D

Acq: 19 Aug 2015 23:31

Instrument :

BNA_F

ClientSampleId :

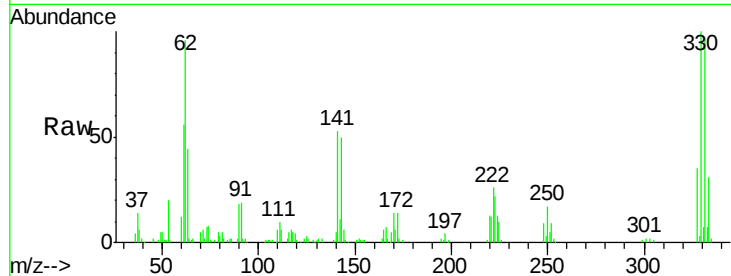
Tot Ion:330 Resp: 130084

Ion Ratio Lower Upper

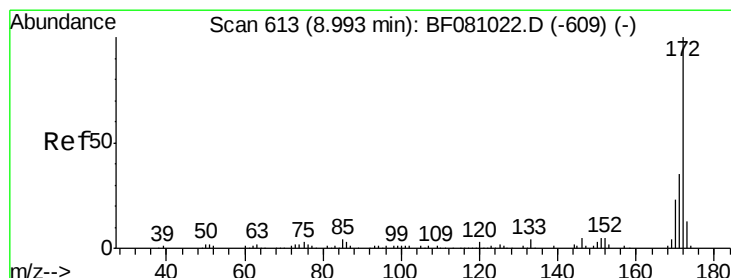
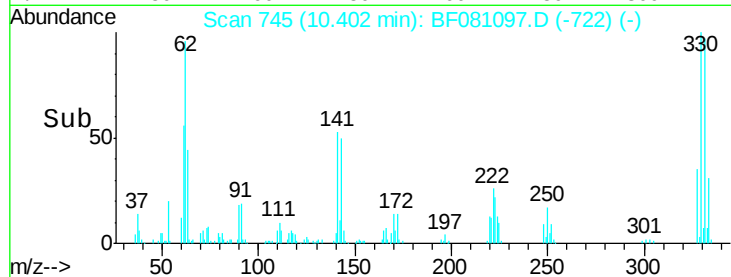
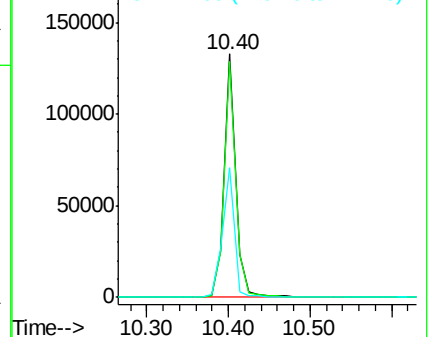
330 100

332 96.9 77.3 115.9

141 55.6 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: 83.41 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.04 min

Lab File: BF081097.D

Acq: 19 Aug 2015 23:31

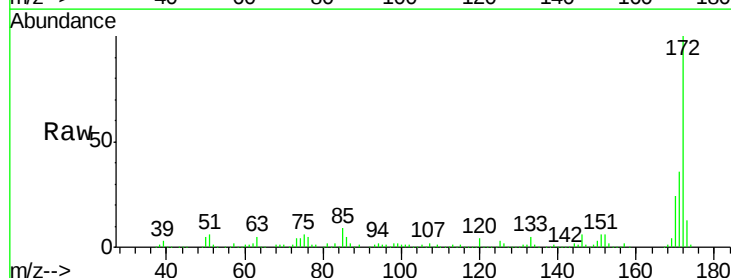
Tgt Ion:172 Resp: 718984

Ion Ratio Lower Upper

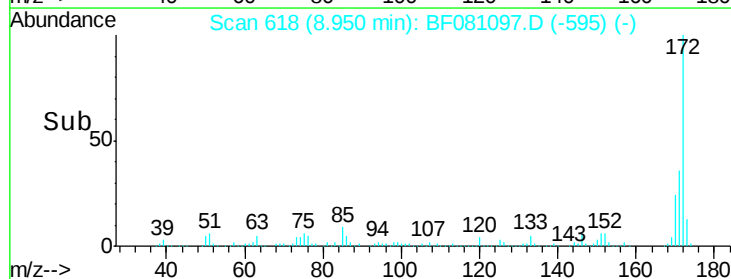
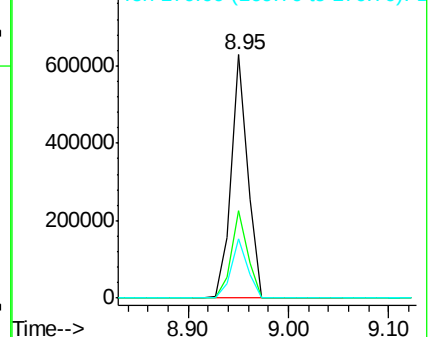
172 100

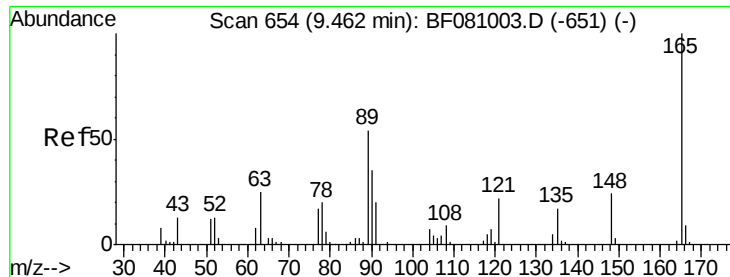
171 35.9 28.9 43.3

170 24.3 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

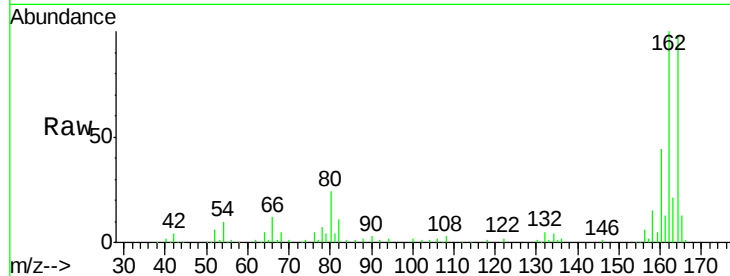




#50
 2,6-Dinitrotoluene
 Concen: 7.27 ng
 RT: 9.61 min Scan# 676
 Delta R.T. 0.16 min
 Lab File: BF081097.D
 Acq: 19 Aug 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :

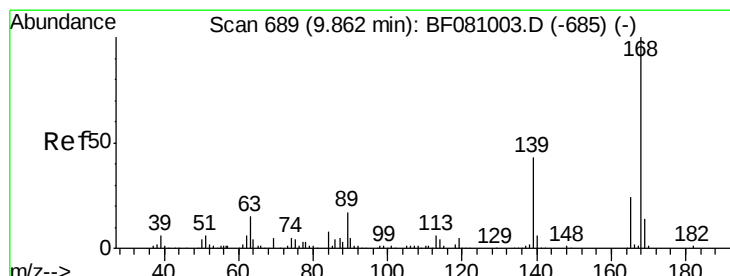
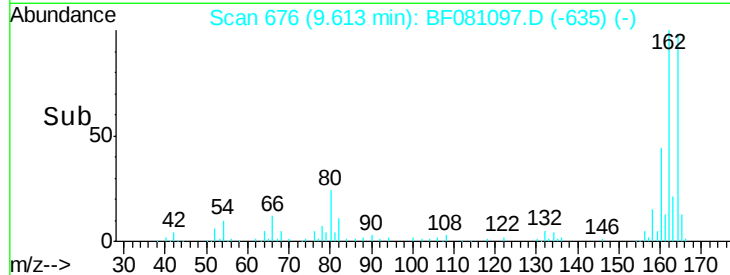
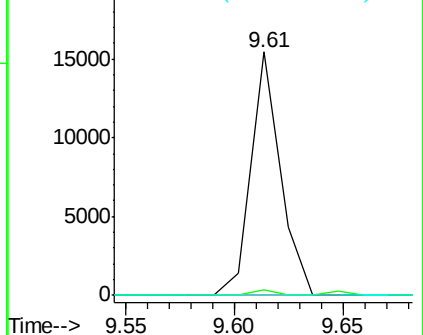
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	49.5	74.3#
89	0.0	47.6	71.4#



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: 5.48 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.24 min
 Lab File: BF081097.D
 Acq: 19 Aug 2015 23:31

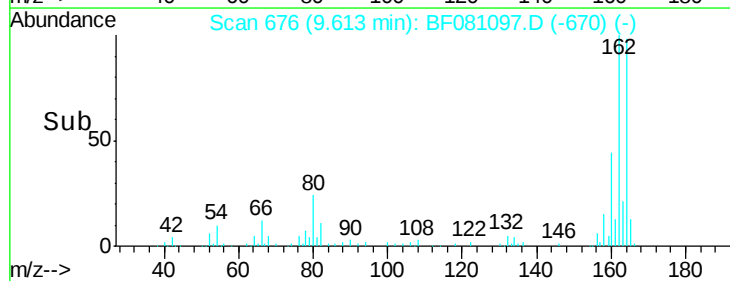
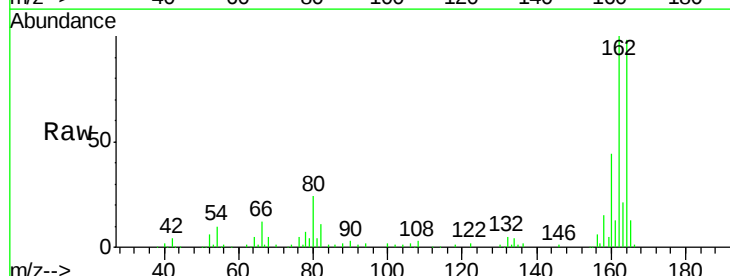
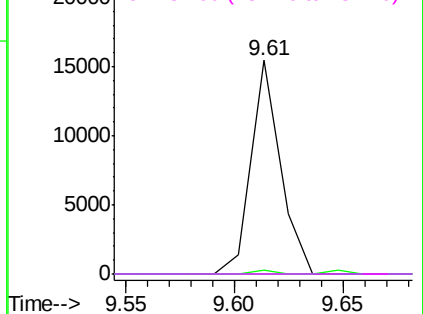
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

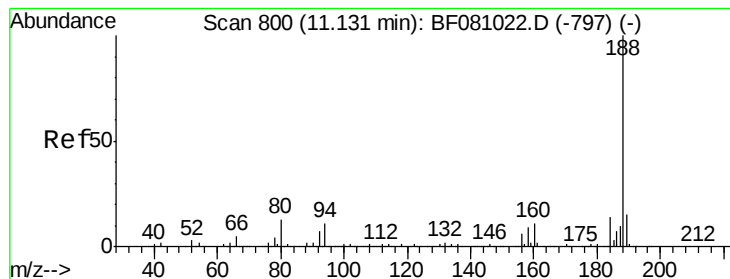
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF081097.D

Acq: 19 Aug 2015 23:31

Instrument :

BNA_F

ClientSampleId :

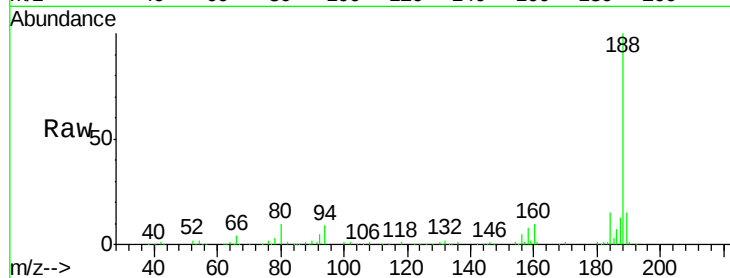
Tot Ion:188 Resp: 249992

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

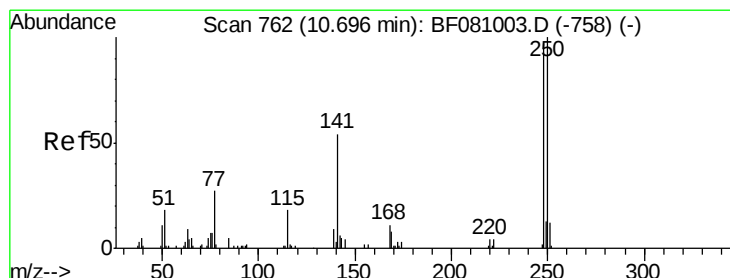
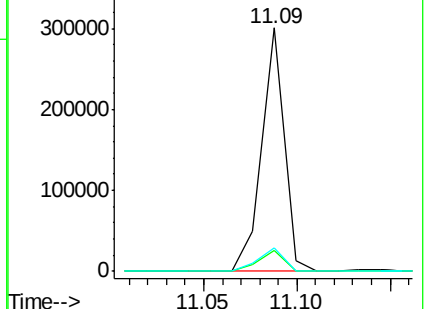
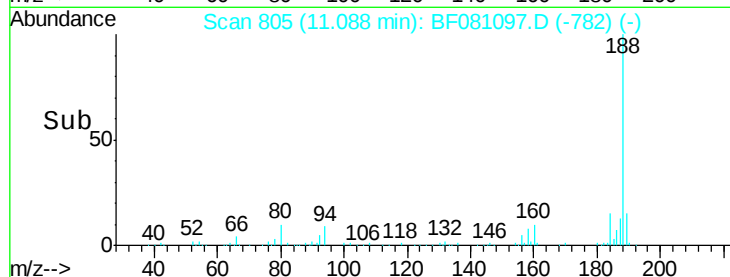
80 9.7 9.5 14.3



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: 4.37 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.28 min

Lab File: BF081097.D

Acq: 19 Aug 2015 23:31

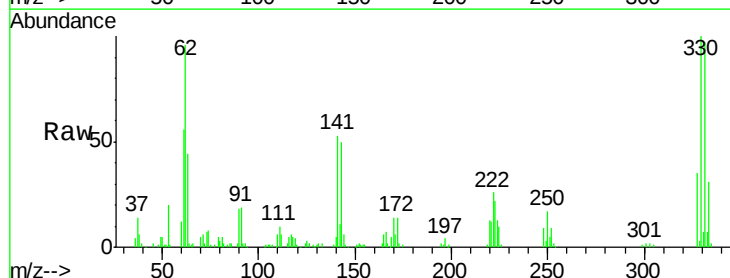
Tgt Ion:248 Resp: 10729

Ion Ratio Lower Upper

248 100

250 186.1 77.8 116.6#

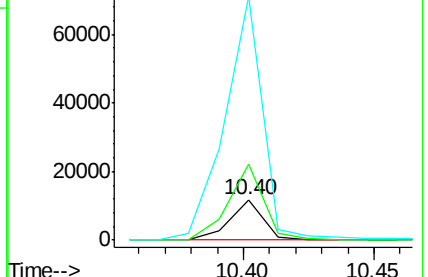
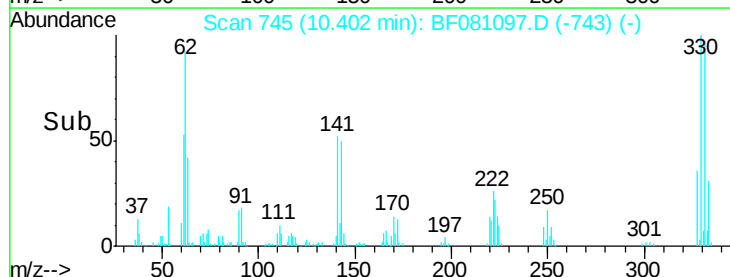
141 598.5 39.8 59.6#

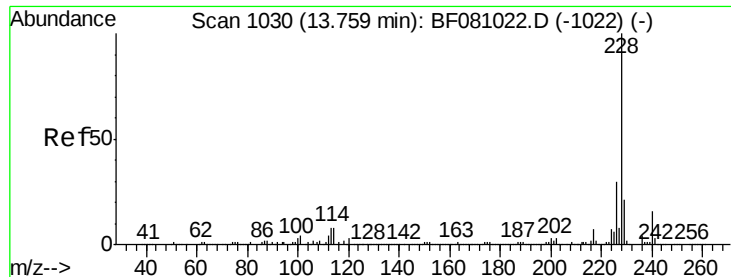


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF081097.D

Acq: 19 Aug 2015 23:31

Instrument :

BNA_F

ClientSampleId :

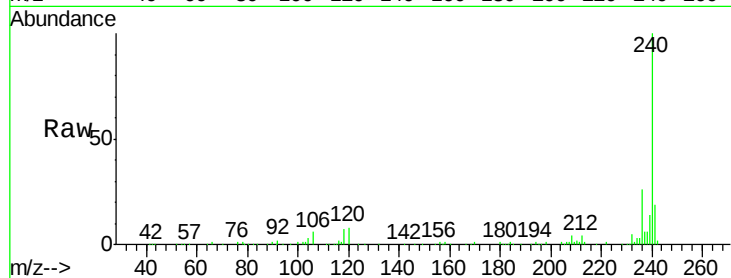
Tot Ion:240 Resp: 220031

Ion Ratio Lower Upper

240 100

120 7.9 5.6 8.4

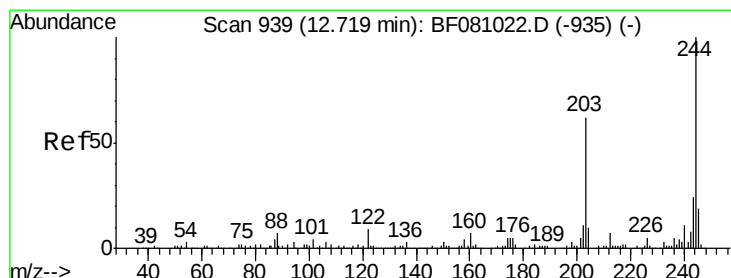
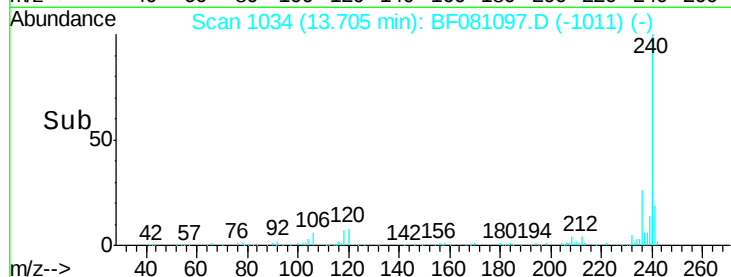
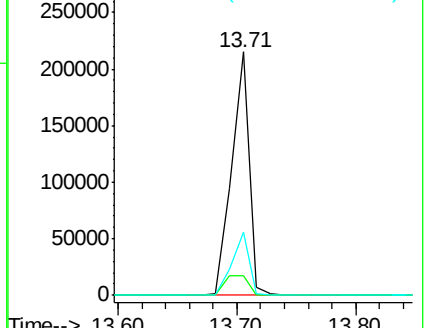
236 25.7 20.6 30.8



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: 72.32 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF081097.D

Acq: 19 Aug 2015 23:31

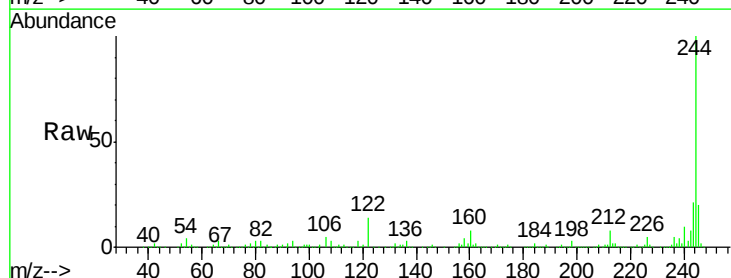
Tgt Ion:244 Resp: 742274

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

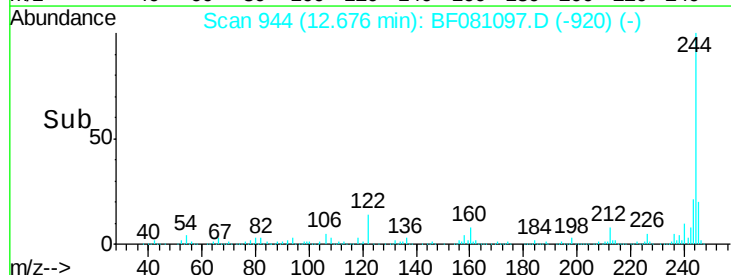
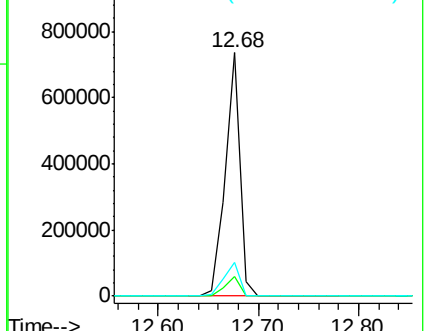
122 14.0 8.2 12.4#

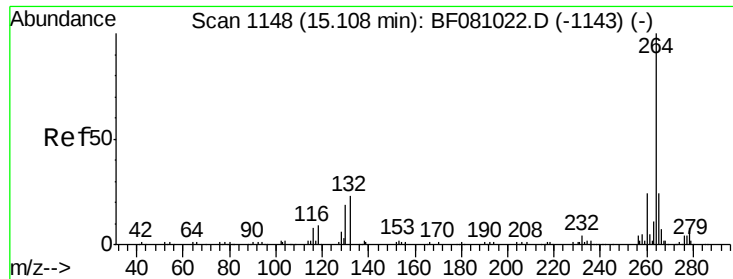


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

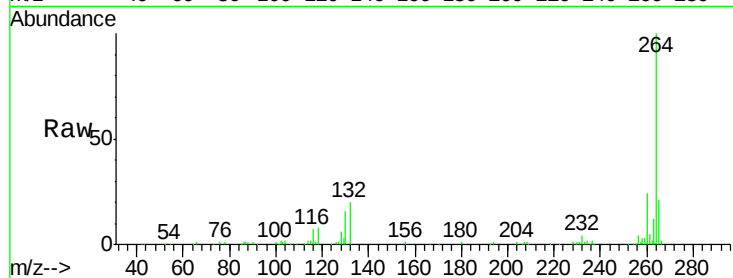




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081097.D
 Acq: 19 Aug 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	170161
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	20.9	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

