

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
 Data File : BF084929.D
 Acq On : 8 Feb 2016 15:32
 Operator : SJ/IZ
 Sample : H1311-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B007(6-8)

Quant Time: Feb 09 02:34:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

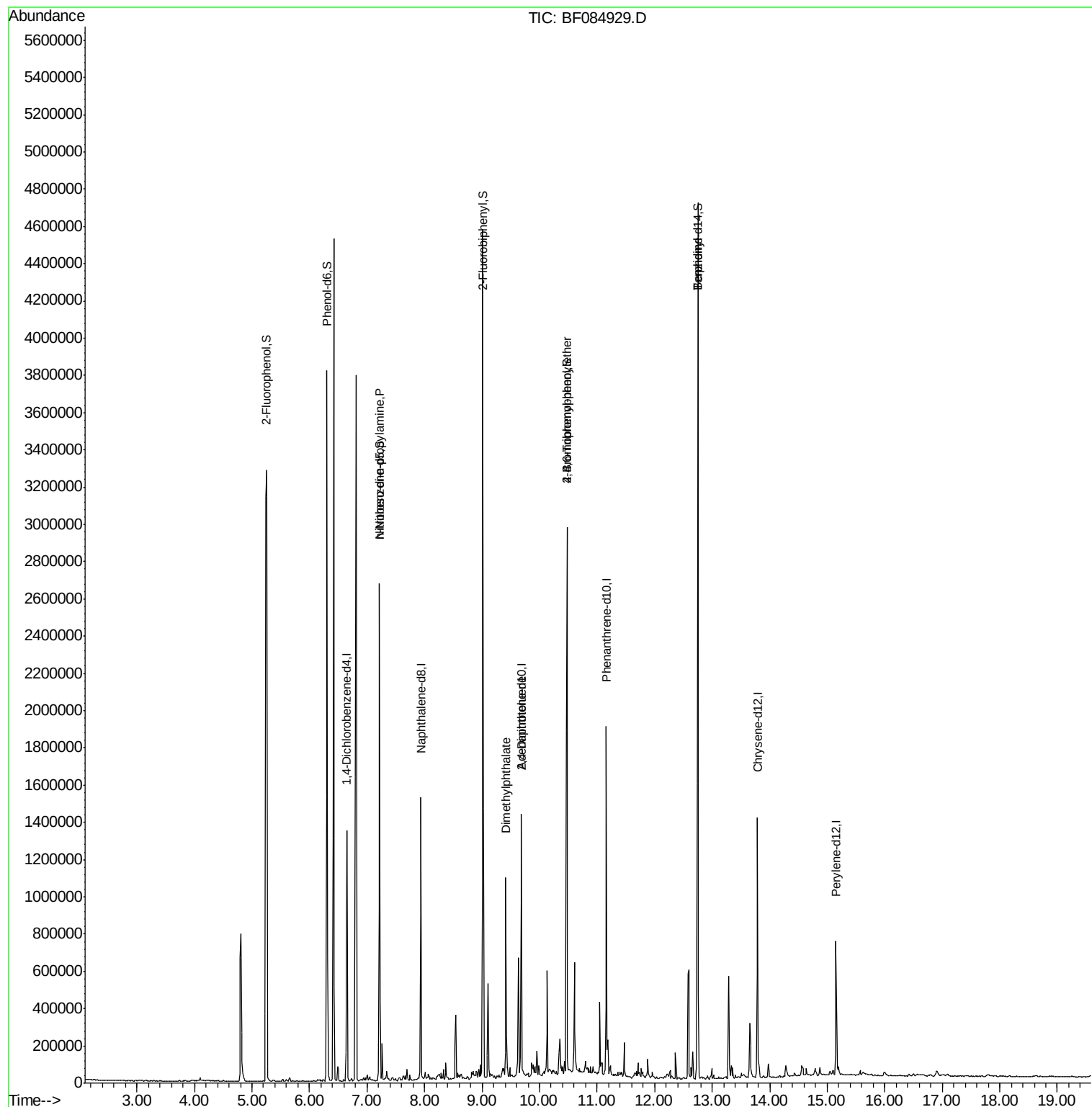
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	177690	20.00	ng	-0.03
21) Naphthalene-d8	7.94	136	723271	20.00	ng	-0.03
38) Acenaphthene-d10	9.69	164	345384	20.00	ng	-0.05
63) Phenanthrene-d10	11.16	188	641283	20.00	ng	-0.05
75) Chrysene-d12	13.79	240	499563	20.00	ng	-0.05
86) Perylene-d12	15.15	264	329219	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1363579	119.53	ng	-0.02
7) Phenol-d6	6.30	99	1439047	101.75	ng	-0.03
23) Nitrobenzene-d5	7.22	82	931868	72.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	424426	117.81	ng	-0.05
44) 2-Fluorobiphenyl	9.01	172	1625940	76.73	ng	-0.05
78) Terphenyl-d14	12.75	244	1485748	67.39	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	131078	14.79	ng	# 71
49) Dimethylphthalate	9.41	163	357702	13.60	ng	# 90
56) 2,4-Dinitrotoluene	9.69	165	45938	6.27	ng	# 22
66) 4-Bromophenyl-phenylether	10.48	248	29251	4.13	ng	# 1
76) Benzidine	12.75	184	22279	7.73	ng	# 92

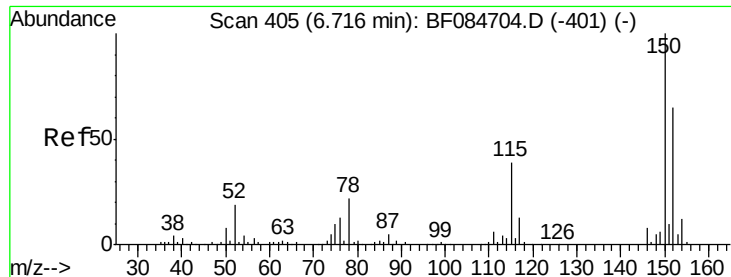
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF084929.D

Acq: 8 Feb 2016 15:32

Instrument :

BNA_F

ClientSampleId :

SUP-B007(6-8)

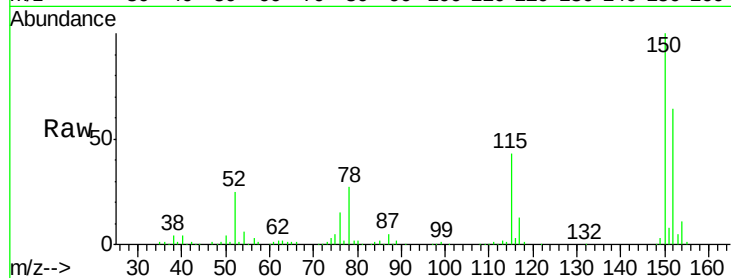
Tgt Ion:152 Resp: 177690

Ion Ratio Lower Upper

152 100

150 156.3 123.0 184.4

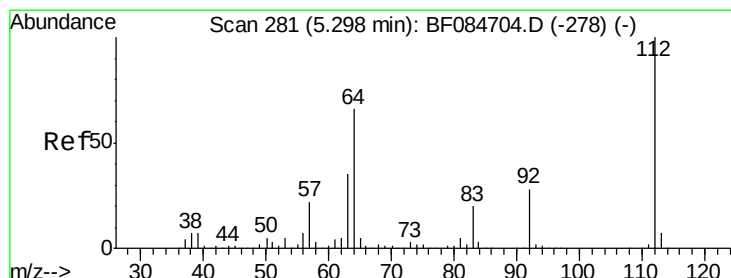
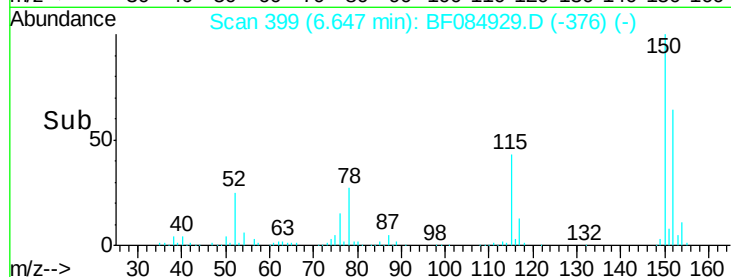
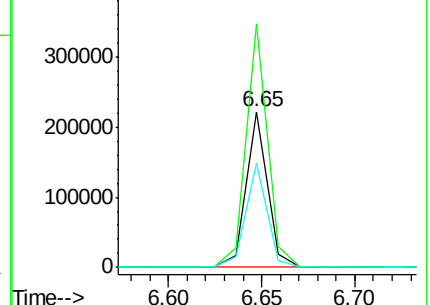
115 66.6 51.4 77.2



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: 119.53 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084929.D

Acq: 8 Feb 2016 15:32

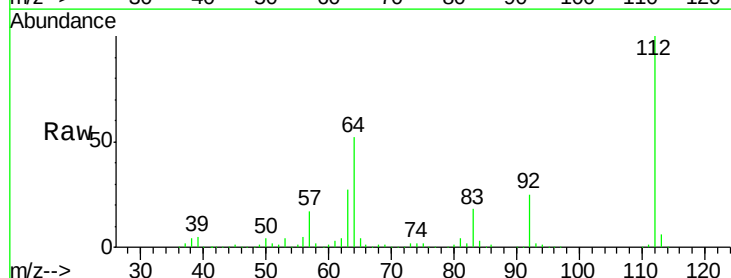
Tgt Ion:112 Resp: 1363579

Ion Ratio Lower Upper

112 100

64 51.9 36.6 55.0

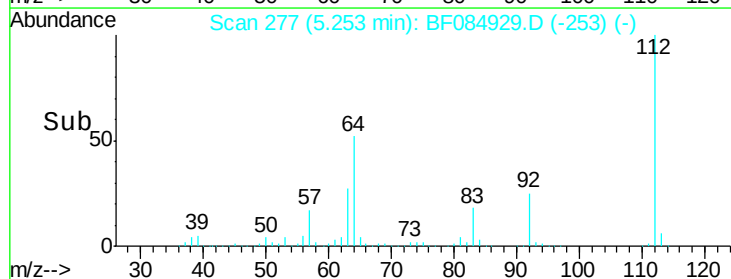
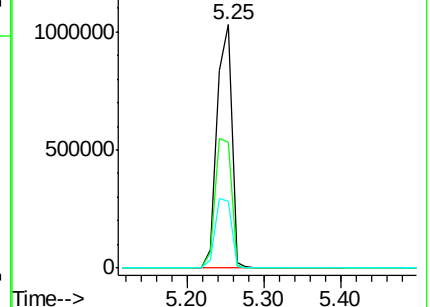
63 27.3 19.4 29.0

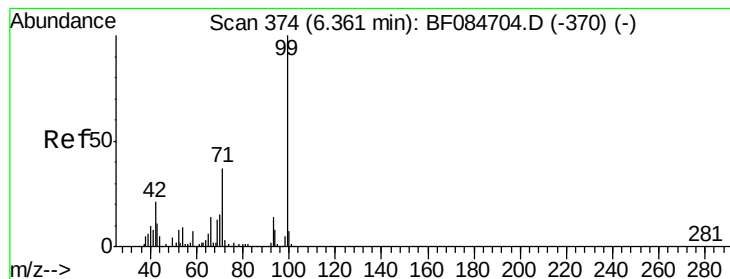


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.75 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084929.D

Acq: 8 Feb 2016 15:32

Instrument :

BNA_F

ClientSampleId :

SUP-B007(6-8)

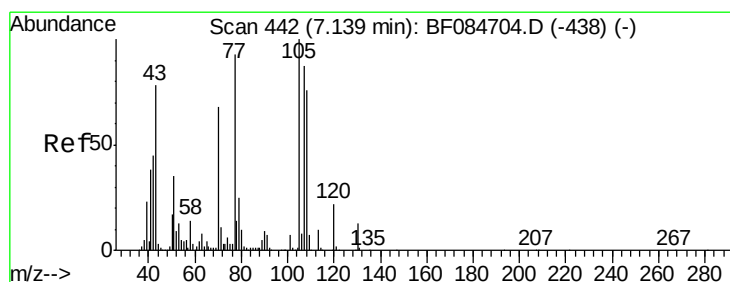
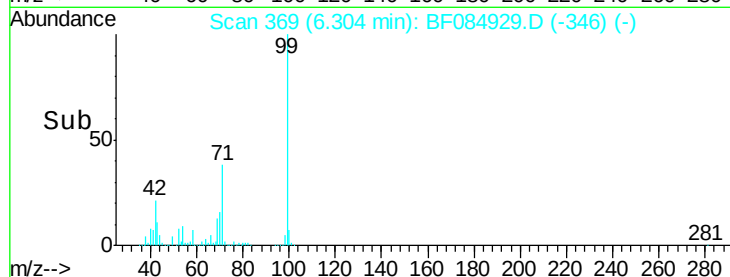
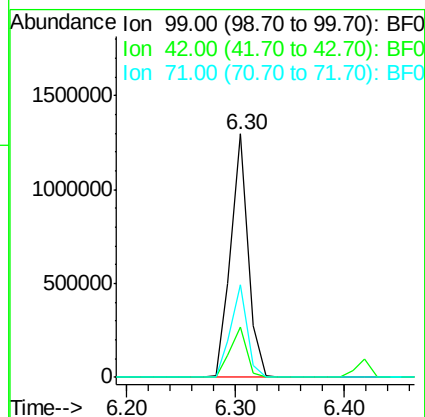
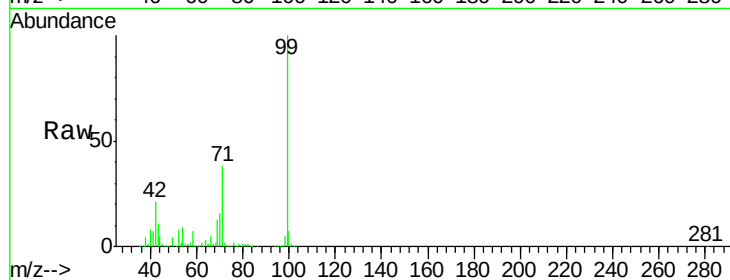
Tgt Ion: 99 Resp: 1439047

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

71 38.1 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.79 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.10 min

Lab File: BF084929.D

Acq: 8 Feb 2016 15:32

Tgt Ion: 70 Resp: 131078

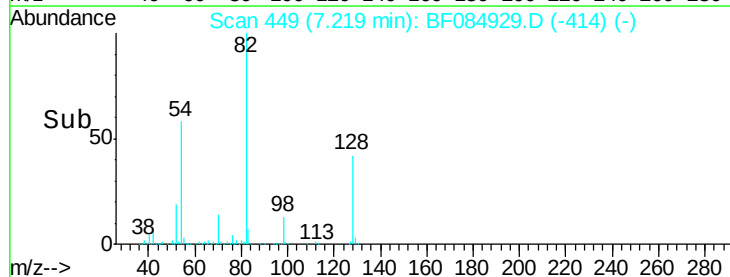
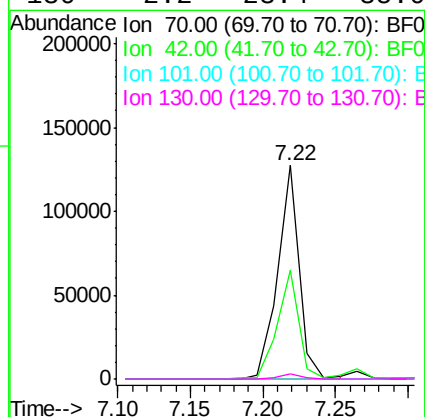
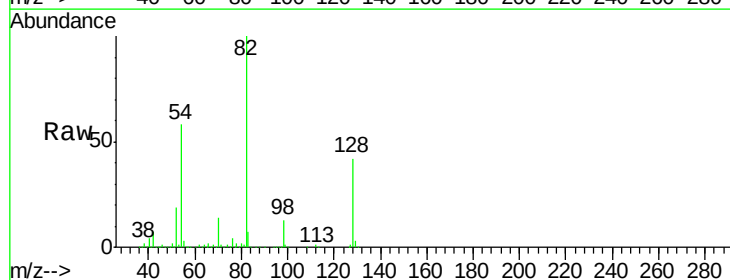
Ion Ratio Lower Upper

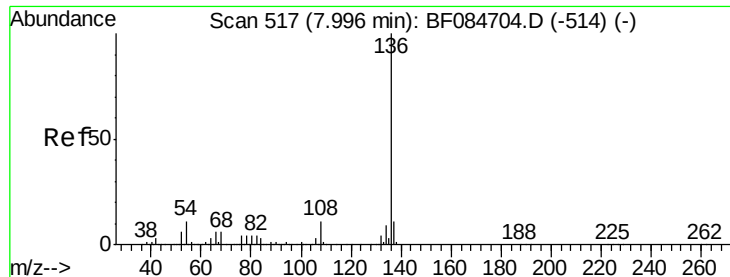
70 100

42 50.8 33.3 49.9#

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

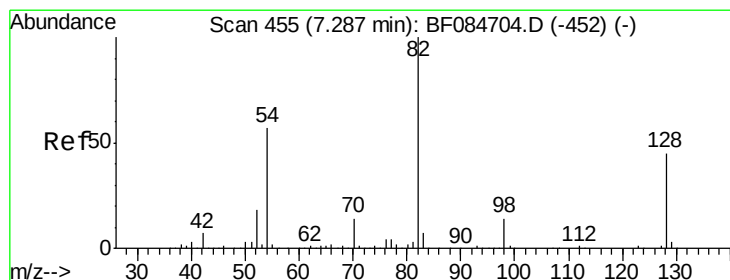
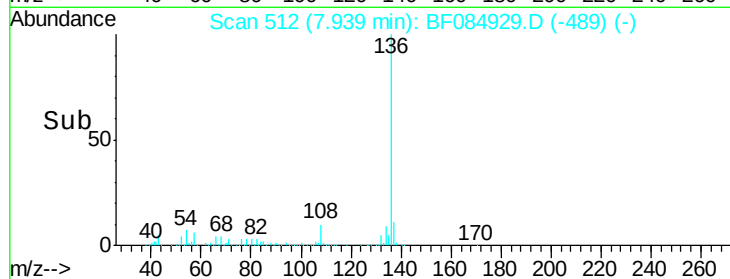
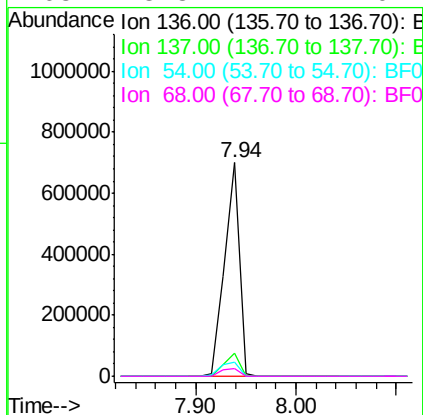
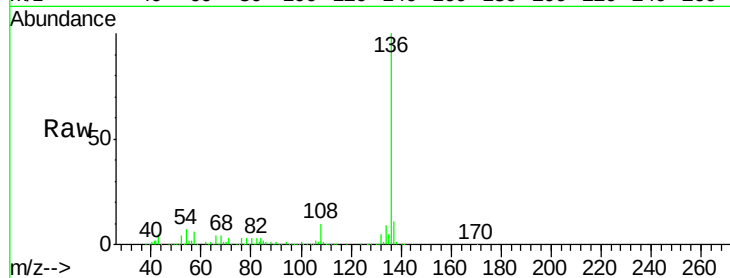




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF084929.D
Acq: 8 Feb 2016 15:32

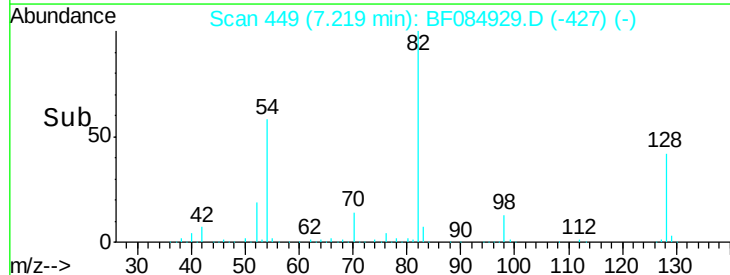
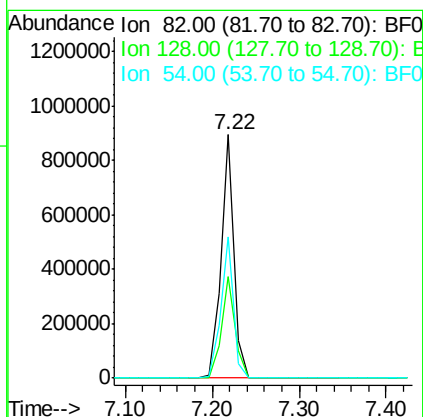
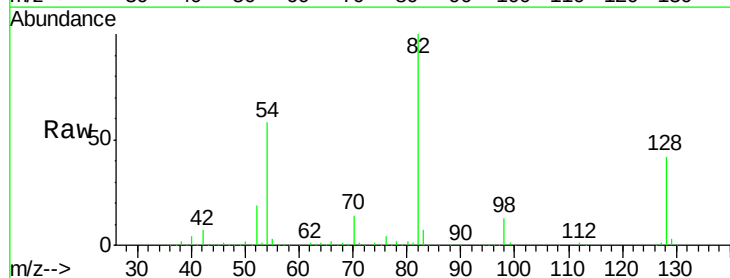
Instrument :
BNA_F
ClientSampleId :
SUP-B007(6-8)

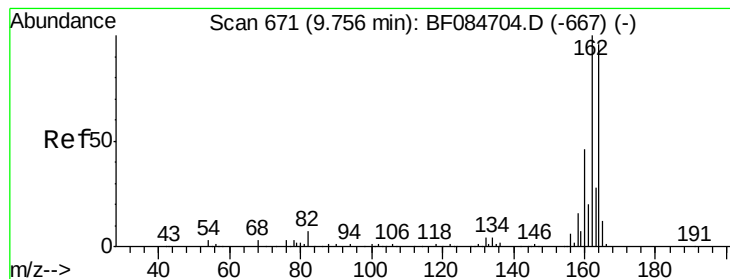
Tgt Ion:	136	Resp:	723271
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.6	5.8	8.8
68	3.8	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 72.58 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF084929.D
Acq: 8 Feb 2016 15:32

Tgt Ion:	82	Resp:	931868
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	51.8
54	57.9	38.4	57.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.05 min

Lab File: BF084929.D

Acq: 8 Feb 2016 15:32

Instrument :

BNA_F

ClientSampleId :

SUP-B007(6-8)

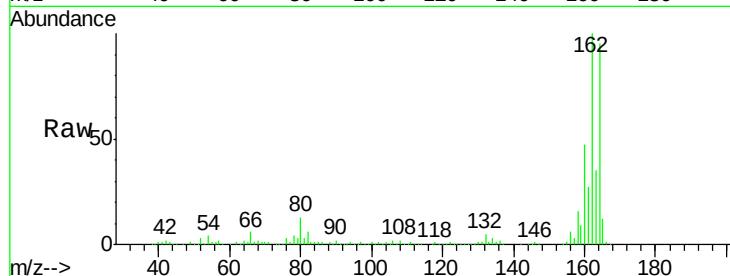
Tgt Ion:164 Resp: 345384

Ion Ratio Lower Upper

164 100

162 105.4 85.1 127.7

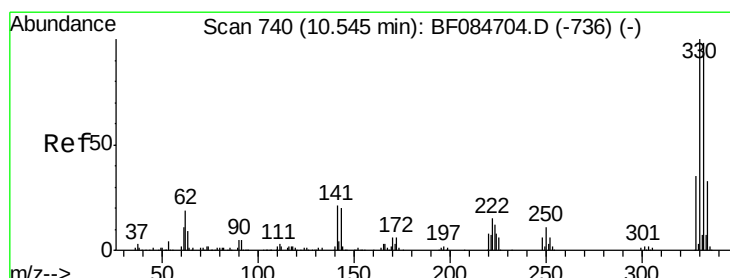
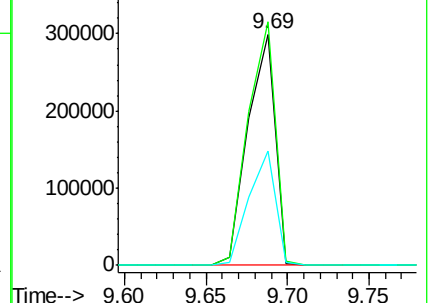
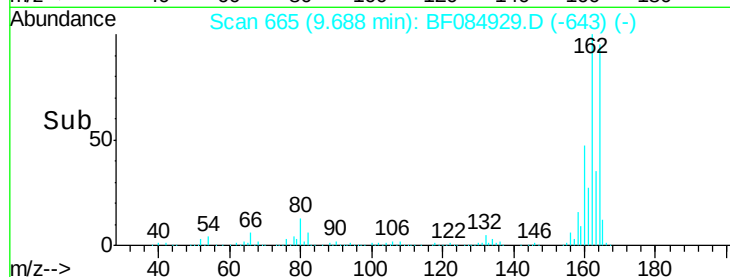
160 49.3 37.5 56.3



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: 117.81 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.05 min

Lab File: BF084929.D

Acq: 8 Feb 2016 15:32

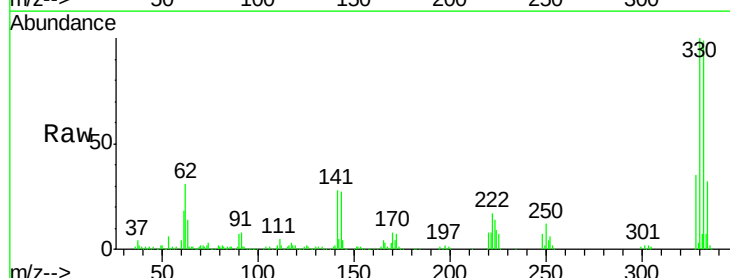
Tgt Ion:330 Resp: 424426

Ion Ratio Lower Upper

330 100

332 97.6 76.6 114.8

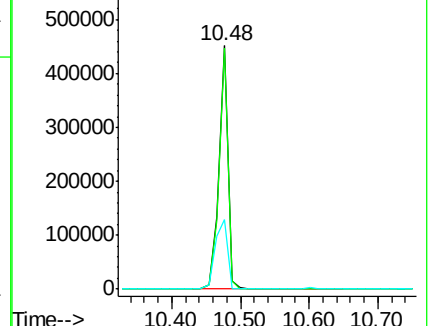
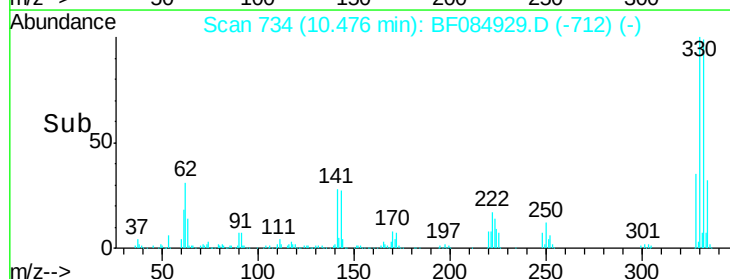
141 38.6 27.8 41.6

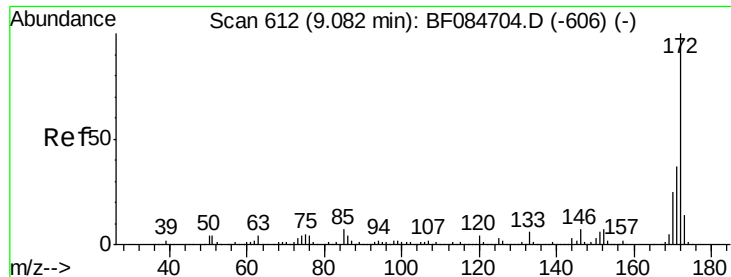


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

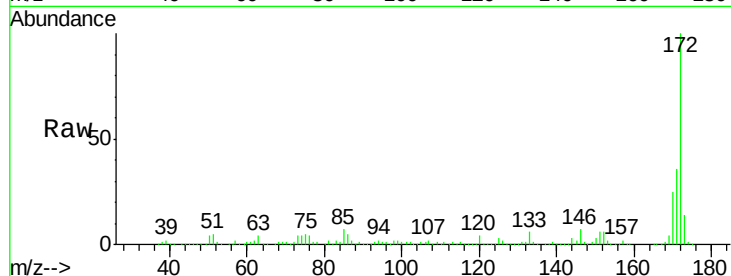




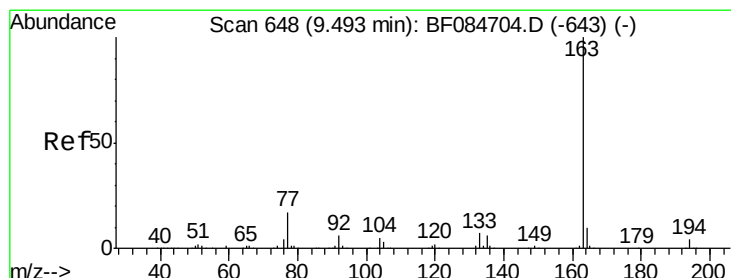
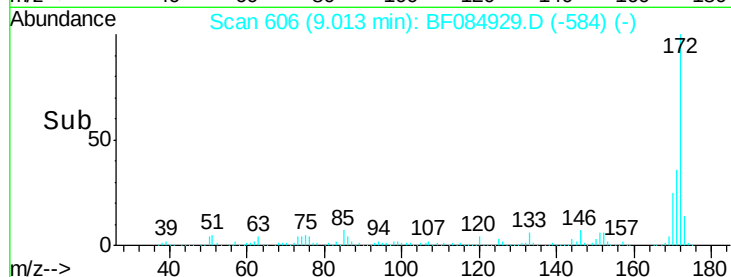
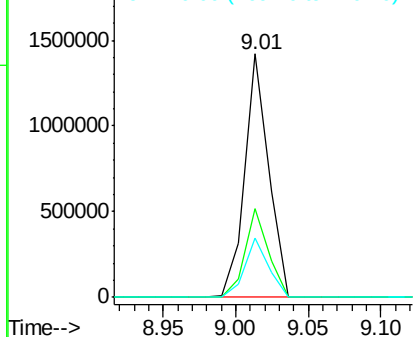
#44
 2-Fluorobiphenyl
 Concen: 76.73 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF084929.D
 Acq: 8 Feb 2016 15:32

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B007(6-8)

Tgt Ion:172 Resp: 1625940
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.6 18.6 27.8

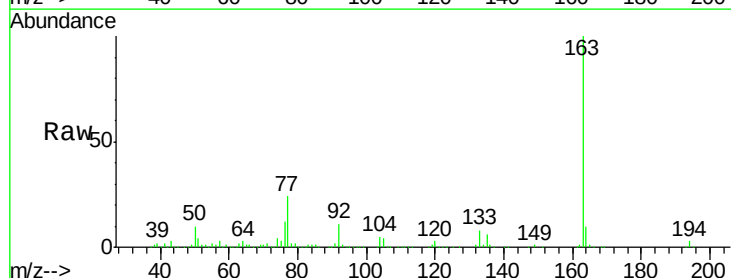


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

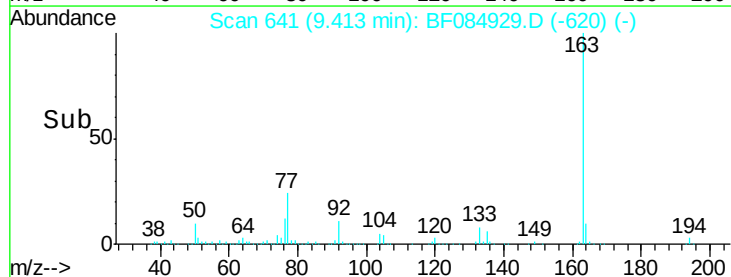
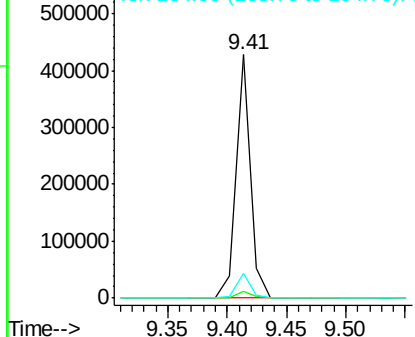


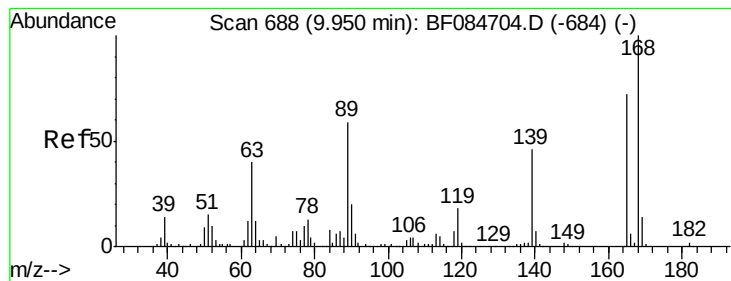
#49
 Dimethylphthalate
 Concen: 13.60 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF084929.D
 Acq: 8 Feb 2016 15:32

Tgt Ion:163 Resp: 357702
 Ion Ratio Lower Upper
 163 100
 194 2.8 8.0 12.0#
 164 10.3 8.0 12.0



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: 6.27 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.24 min

Lab File: BF084929.D

Acq: 8 Feb 2016 15:32

Instrument :

BNA_F

ClientSampleId :

SUP-B007(6-8)

Tgt Ion:165 Resp: 45938

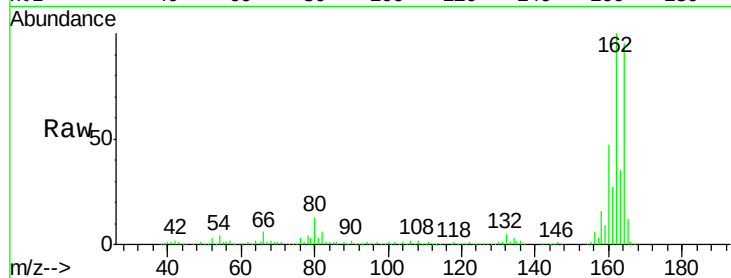
Ion Ratio Lower Upper

165 100

63 1.6 36.7 55.1#

89 1.6 61.9 92.9#

182 0.0 2.0 3.0#

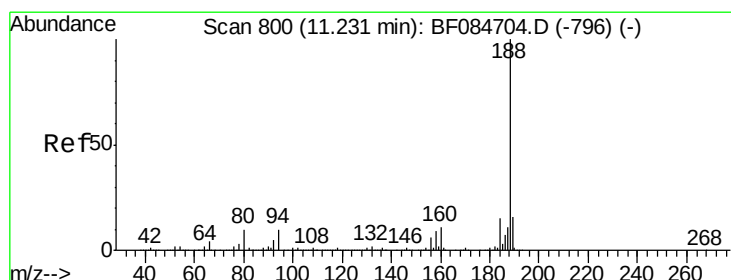
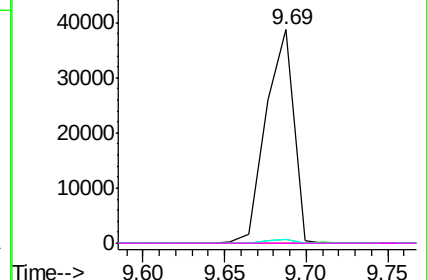
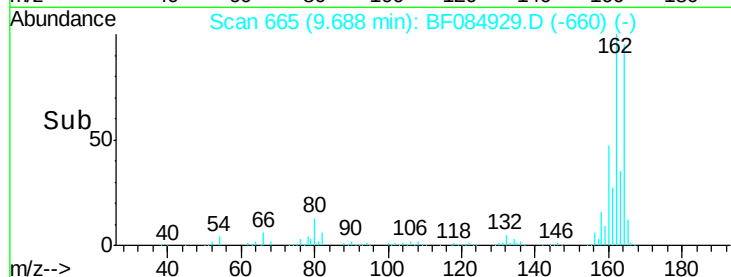


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.16 min Scan# 794

Delta R.T. -0.05 min

Lab File: BF084929.D

Acq: 8 Feb 2016 15:32

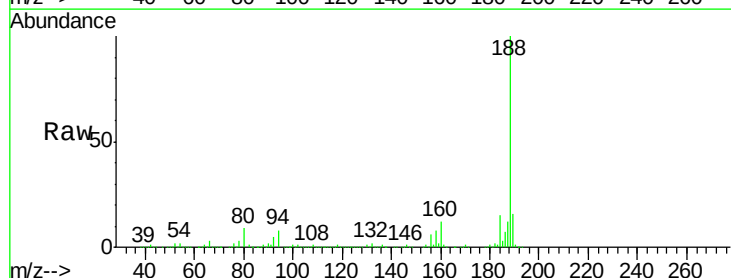
Tgt Ion:188 Resp: 641283

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.4#

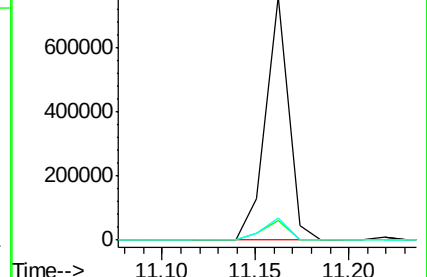
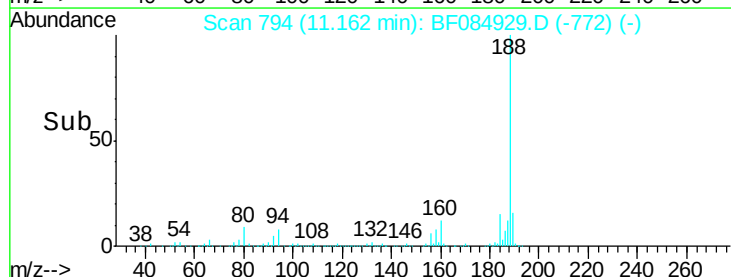
80 8.9 9.6 14.4#

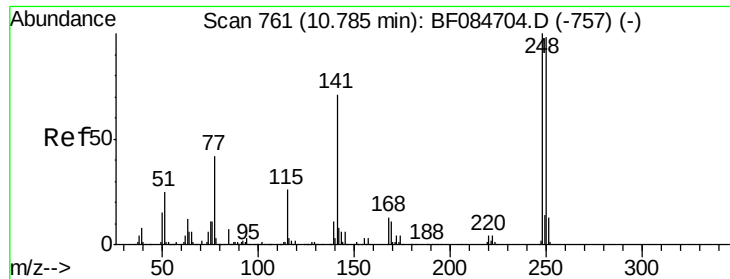


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

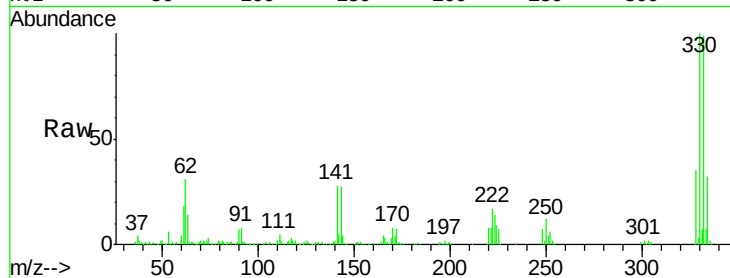




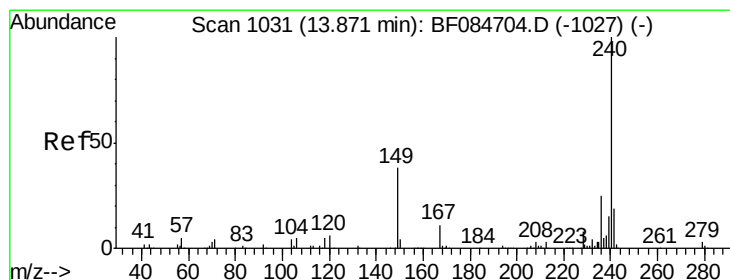
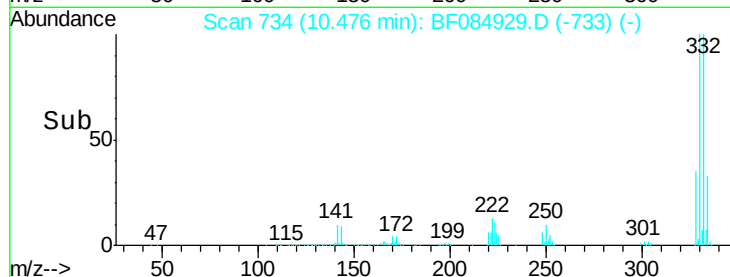
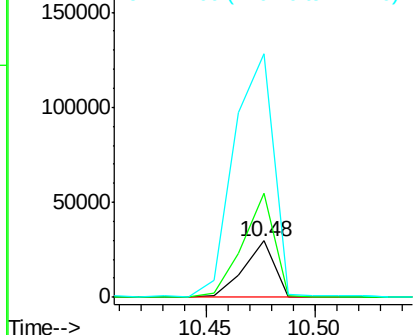
#66
4-Bromophenyl-phenylether
Concen: 4.13 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.29 min
Lab File: BF084929.D
Acq: 8 Feb 2016 15:32

Instrument :
BNA_F
ClientSampleId :
SUP-B007(6-8)

Tgt Ion:248 Resp: 29251
Ion Ratio Lower Upper
248 100
250 184.9 78.4 117.6#
141 432.7 44.0 66.0#

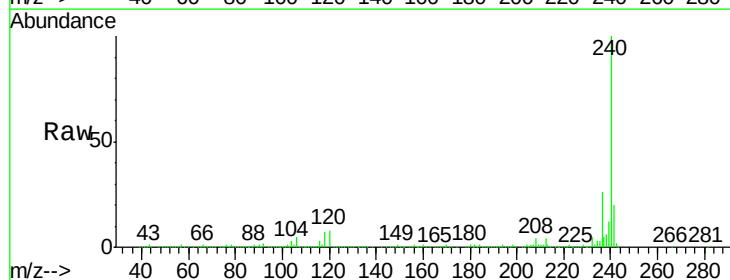


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

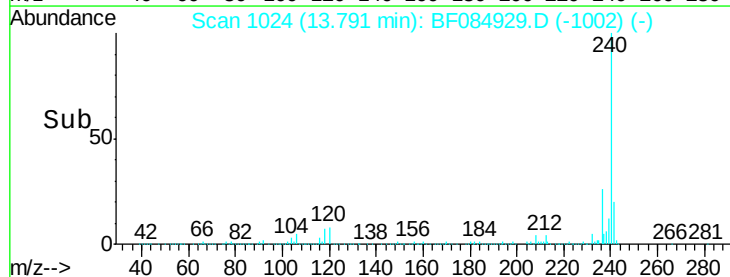
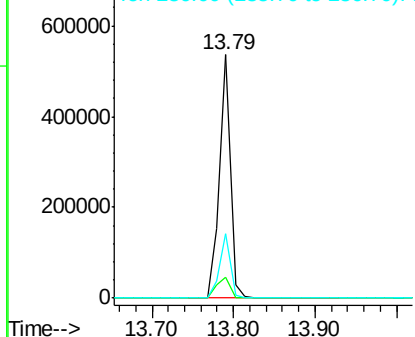


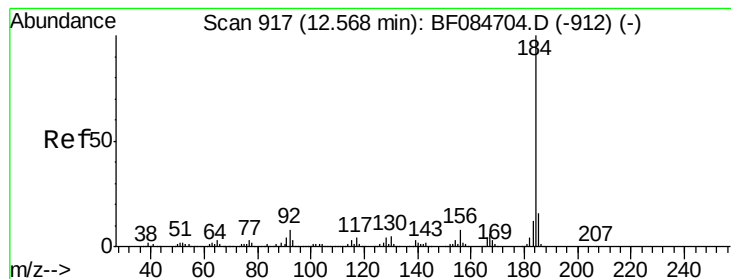
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF084929.D
Acq: 8 Feb 2016 15:32

Tgt Ion:240 Resp: 499563
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 26.3 20.6 31.0



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





#76

Benzidine

Concen: 7.73 ng

RT: 12.75 min Scan# 933

Delta R.T. 0.21 min

Lab File: BF084929.D

Acq: 8 Feb 2016 15:32

Instrument :

BNA_F

ClientSampleId :

SUP-B007(6-8)

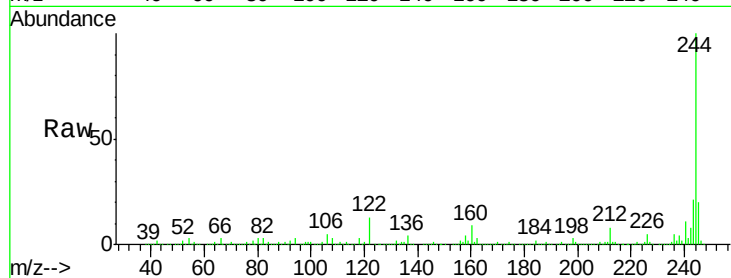
Tgt Ion:184 Resp: 22279

Ion Ratio Lower Upper

184 100

185 18.7 12.2 18.2#

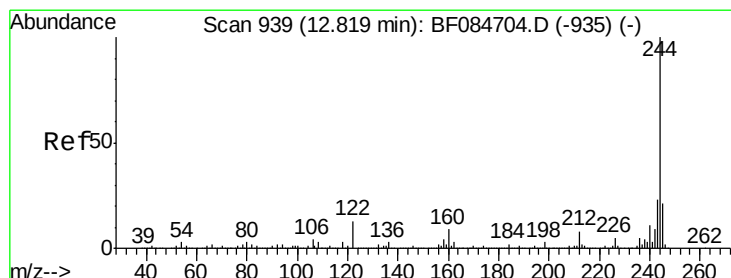
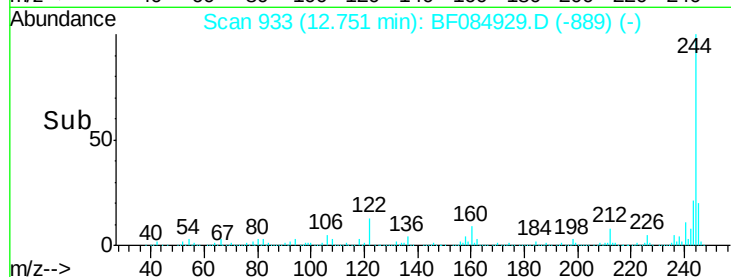
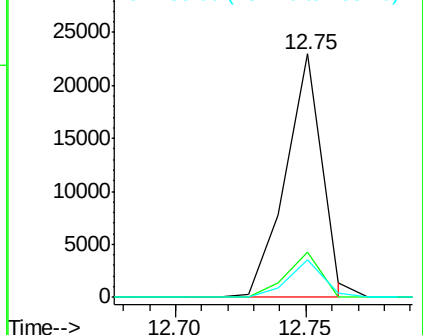
183 15.6 9.8 14.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 67.39 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.05 min

Lab File: BF084929.D

Acq: 8 Feb 2016 15:32

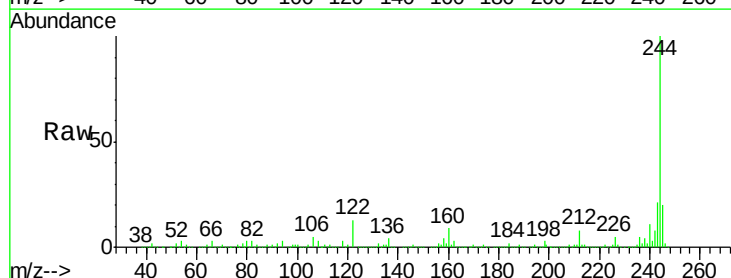
Tgt Ion:244 Resp: 1485748

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

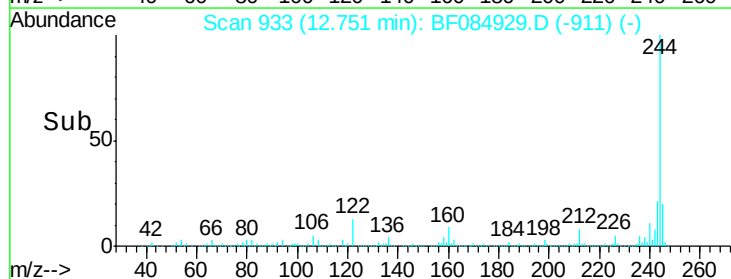
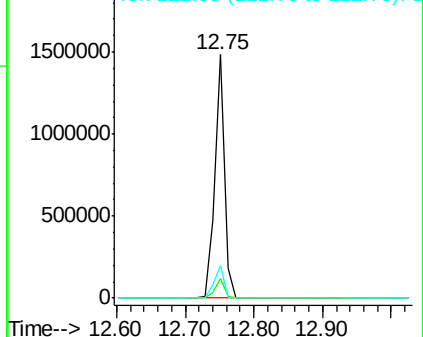
122 13.3 7.4 11.0#

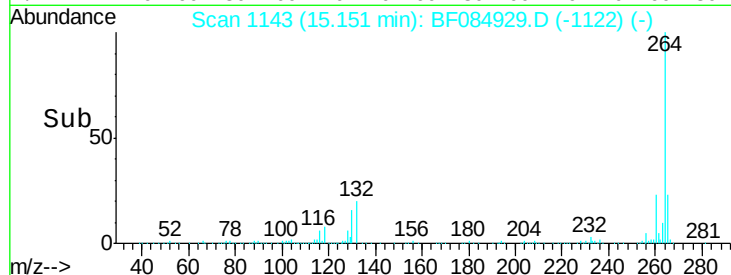
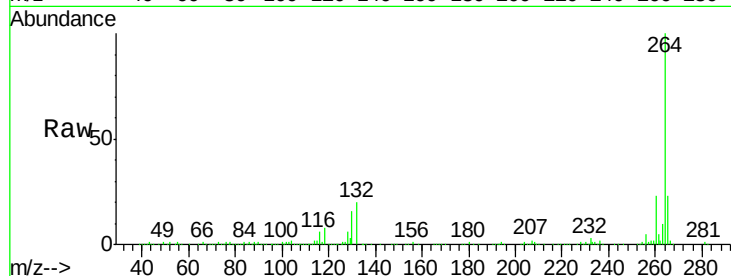
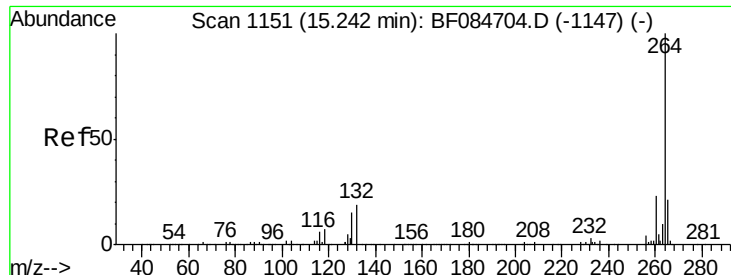


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.15 min Scan# 1143
Delta R.T. -0.06 min
Lab File: BF084929.D
Acq: 8 Feb 2016 15:32

Instrument :
BNA_F
ClientSampleId :
SUP-B007(6-8)

Tgt Ion:	264	Resp:	329219
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	23.0	17.8	26.6

