

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084986.D
 Acq On : 10 Feb 2016 11:54
 Operator : SJ/IZ
 Sample : H1329-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(27-29)

Quant Time: Feb 10 13:40:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

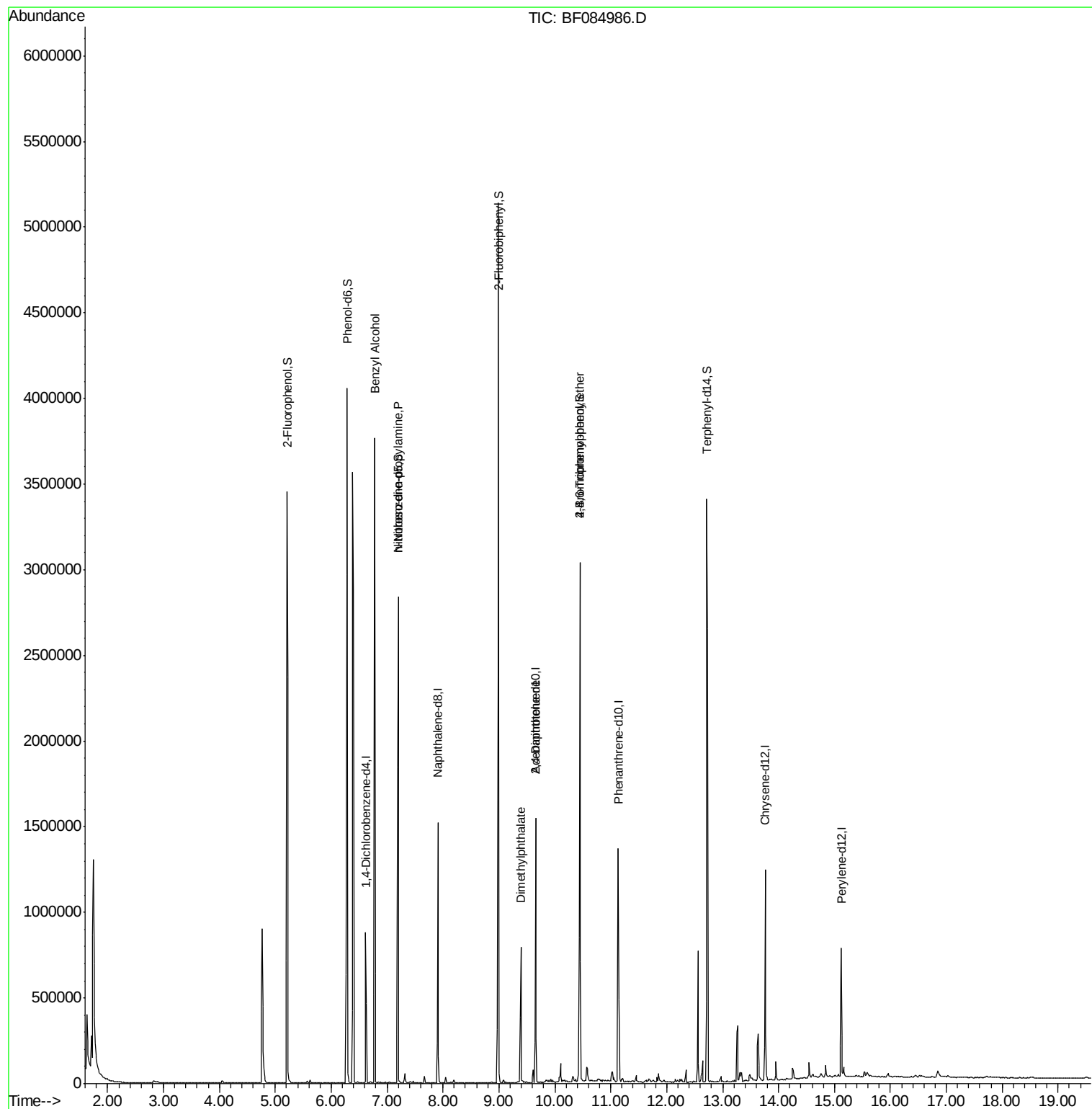
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	153724	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	654246	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	297057	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	524711	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	421481	20.00	ng	-0.01
86) Perylene-d12	15.12	264	307329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1334970	135.27	ng	0.01
7) Phenol-d6	6.28	99	1841359	150.50	ng	0.00
23) Nitrobenzene-d5	7.20	82	1157747	99.69	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	388685	125.44	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1769771	112.46	ng	0.00
78) Terphenyl-d14	12.72	244	1520175	81.73	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.78	79	17161	2.03	ng	# 47
19) n-Nitroso-di-n-propylamine	7.20	70	159346	20.78	ng	# 75
49) Dimethylphthalate	9.39	163	384975	17.02	ng	# 91
56) 2,4-Dinitrotoluene	9.66	165	38750	6.15	ng	# 21
66) 4-Bromophenyl-phenylether	10.44	248	22718	3.92	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: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF084986.D

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S4-B009(27-29)

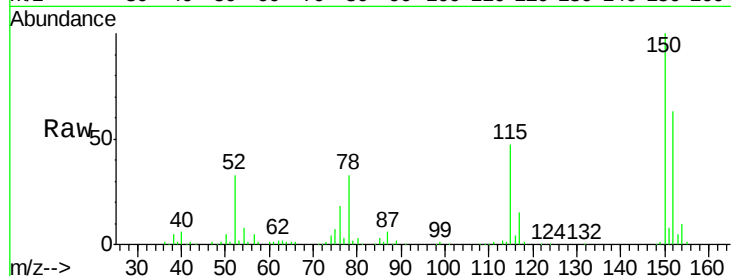
Tgt Ion:152 Resp: 153724

Ion Ratio Lower Upper

152 100

150 158.0 123.0 184.4

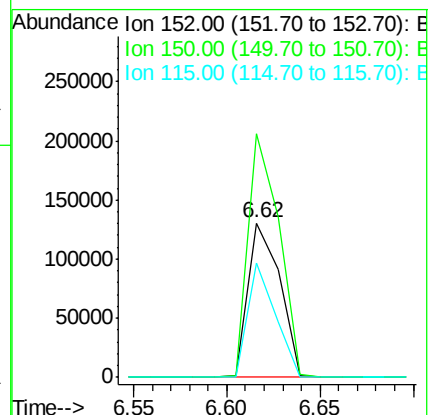
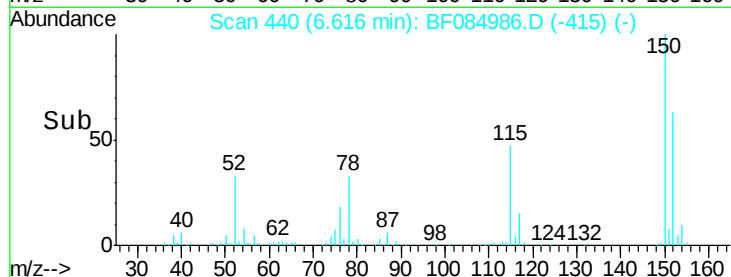
115 74.5 51.4 77.2



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: 135.27 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF084986.D

Acq: 10 Feb 2016 11:54

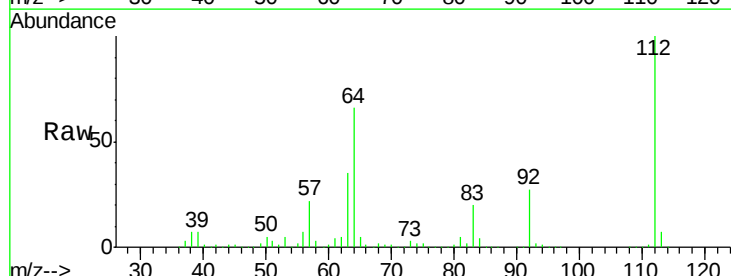
Tgt Ion:112 Resp: 1334970

Ion Ratio Lower Upper

112 100

64 65.6 36.6 55.0#

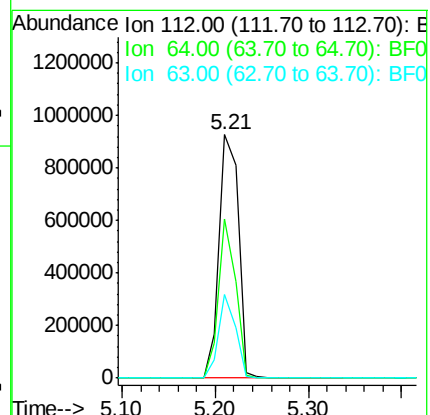
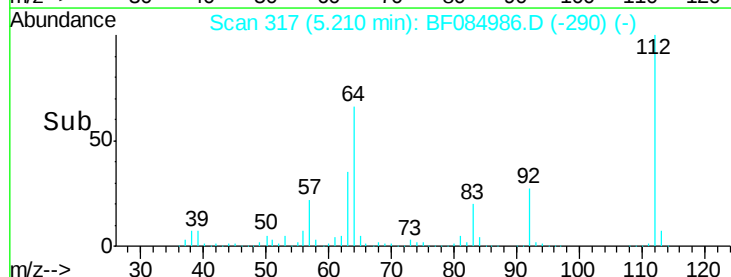
63 34.6 19.4 29.0#



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: 150.50 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF084986.D

Acq: 10 Feb 2016 11:54

Instrument :

BNA_F

ClientSampleId :

S4-B009(27-29)

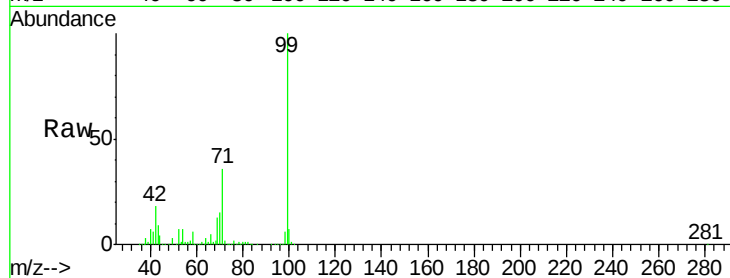
Tgt Ion: 99 Resp: 1841359

Ion Ratio Lower Upper

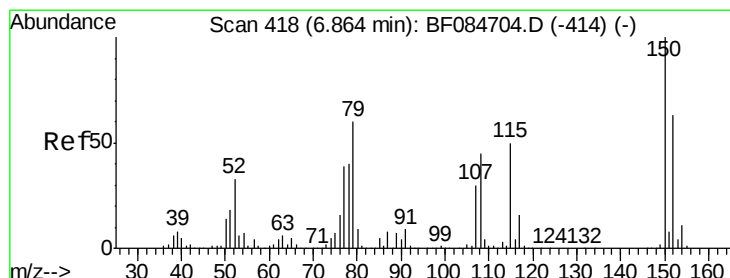
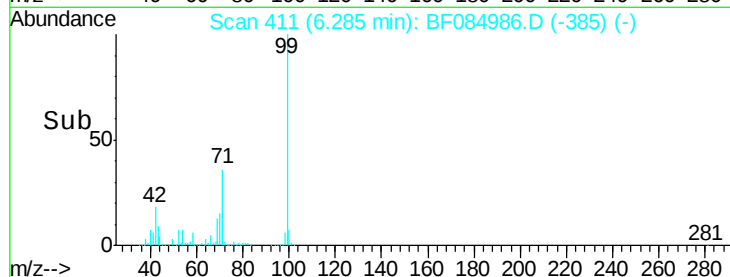
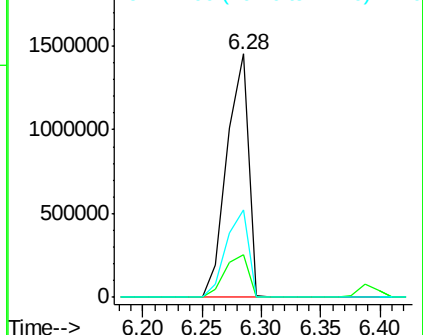
99 100

42 17.7 12.8 19.2

71 35.7 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF084986.D

Acq: 10 Feb 2016 11:54

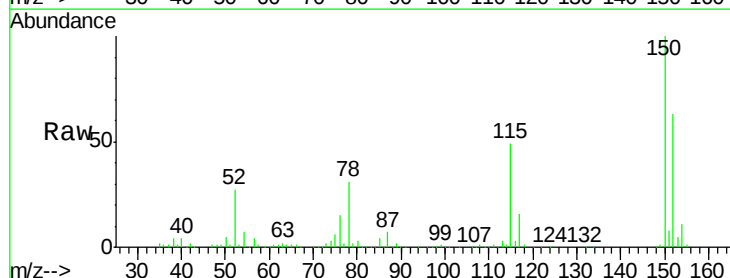
Tgt Ion: 79 Resp: 17161

Ion Ratio Lower Upper

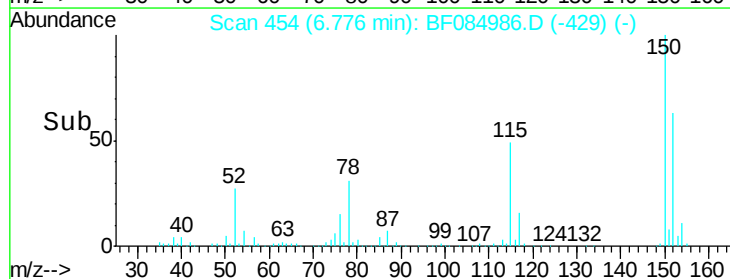
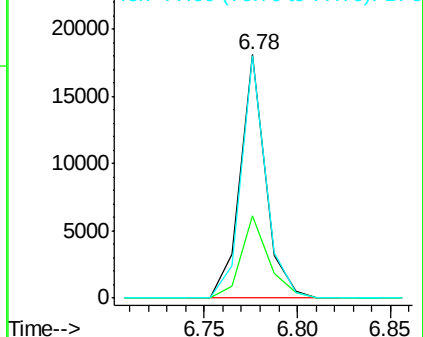
79 100

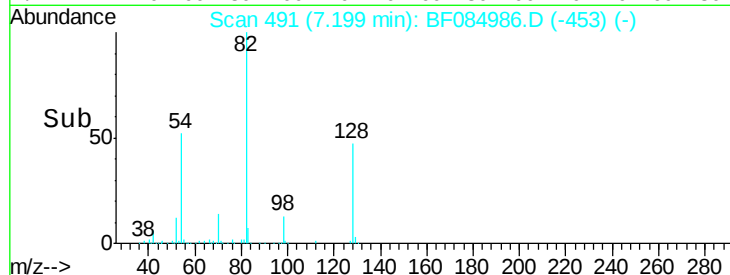
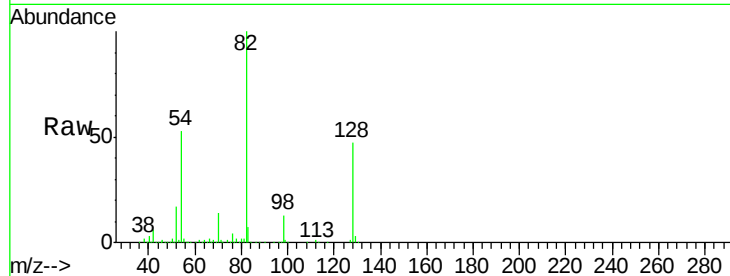
108 34.1 69.0 103.4#

77 99.5 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

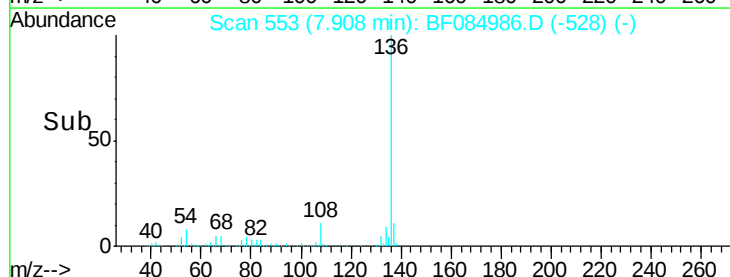
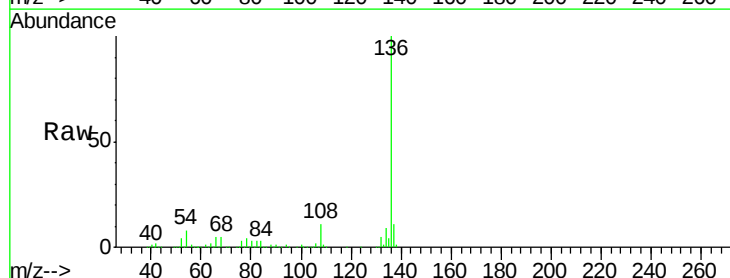
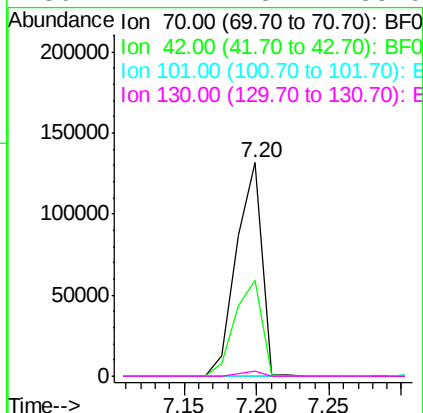




#19
n-Nitroso-di-n-propylamine
Concen: 20.78 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.14 min
Lab File: BF084986.D
Acq: 10 Feb 2016 11:54

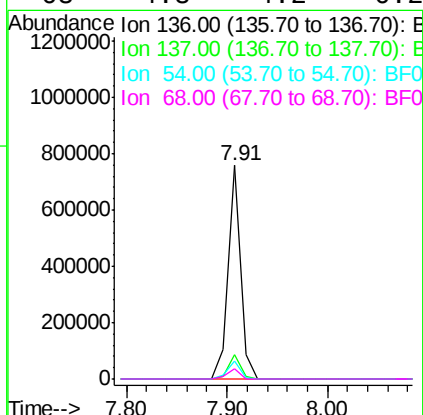
Instrument :
BNA_F
ClientSampleId :
S4-B009(27-29)

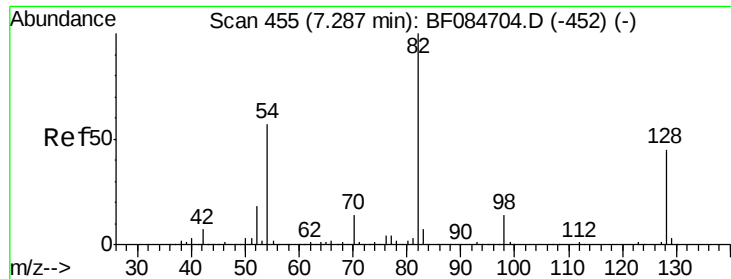
Tgt Ion:	70	Resp:	159346
Ion	Ratio	Lower	Upper
70	100		
42	44.8	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF084986.D
Acq: 10 Feb 2016 11:54

Tgt Ion:	136	Resp:	654246
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.4	5.8	8.8
68	4.8	4.2	6.2

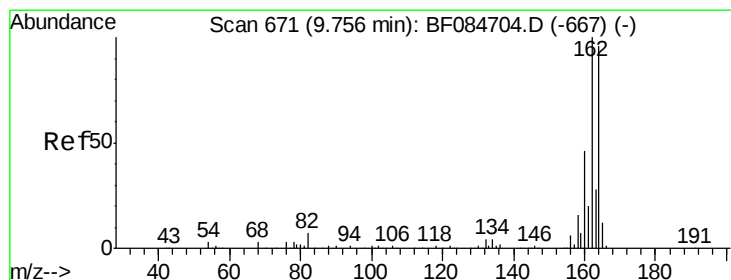
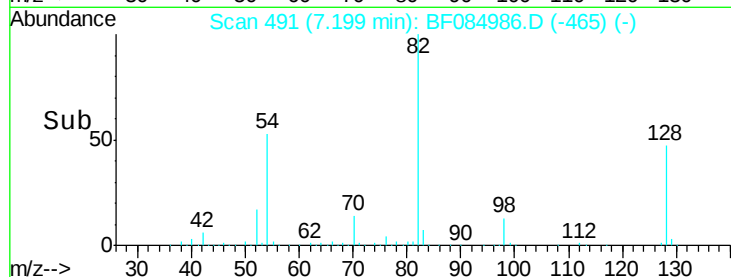
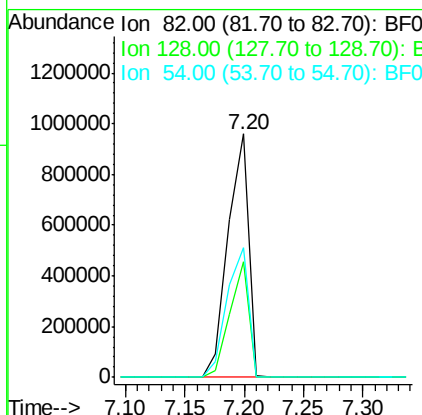
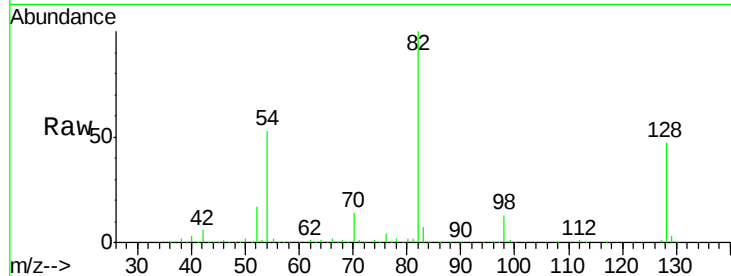




#23
 Nitrobenzene-d5
 Concen: 99.69 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF084986.D
 Acq: 10 Feb 2016 11:54

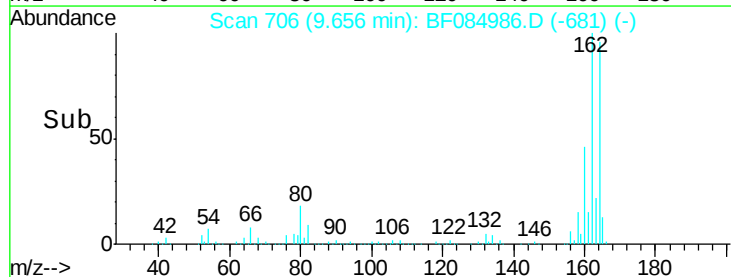
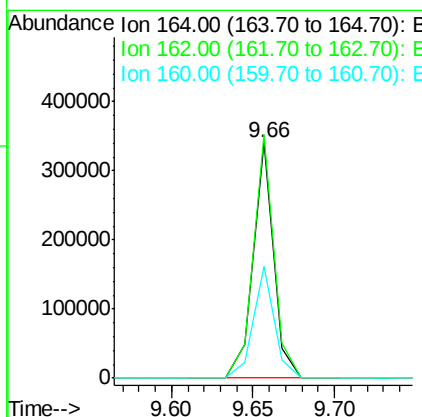
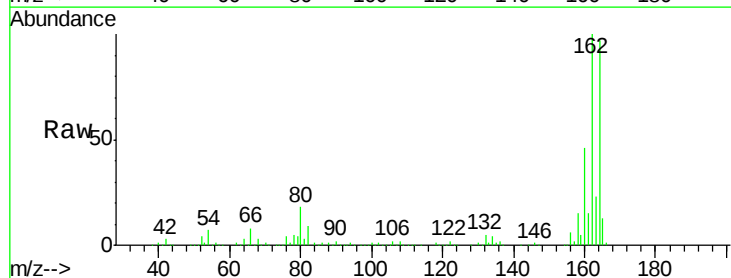
Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(27-29)

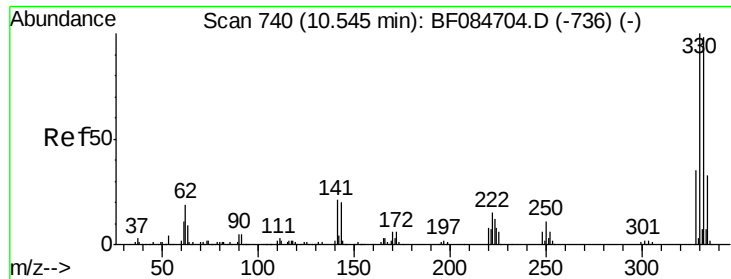
Tgt Ion: 82 Resp: 1157747
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.6 51.8
 54 53.3 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF084986.D
 Acq: 10 Feb 2016 11:54

Tgt Ion: 164 Resp: 297057
 Ion Ratio Lower Upper
 164 100
 162 103.4 85.1 127.7
 160 47.6 37.5 56.3

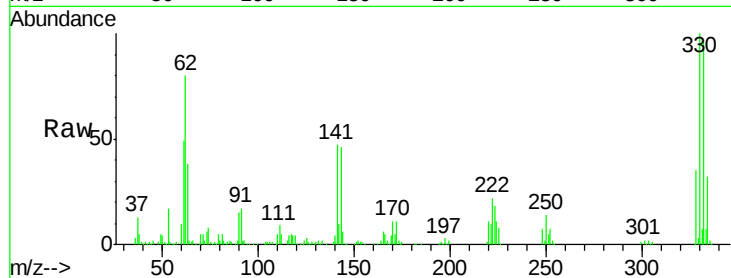




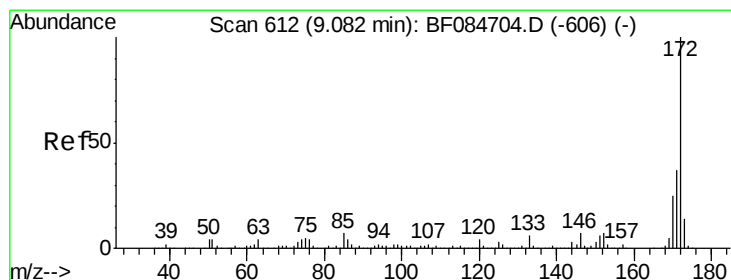
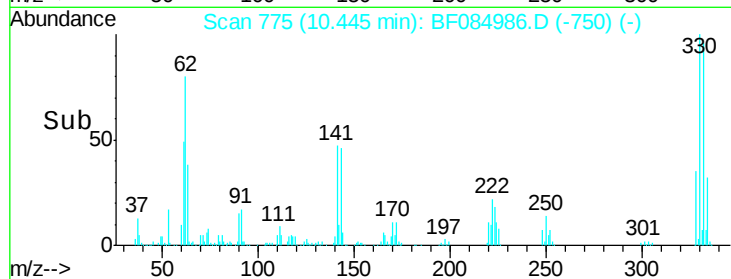
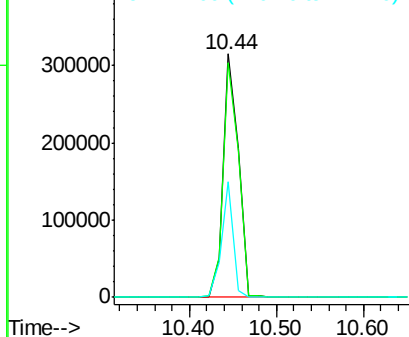
#41
 2,4,6-Tribromophenol
 Concen: 125.44 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF084986.D
 Acq: 10 Feb 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(27-29)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	36.6	27.8	41.6

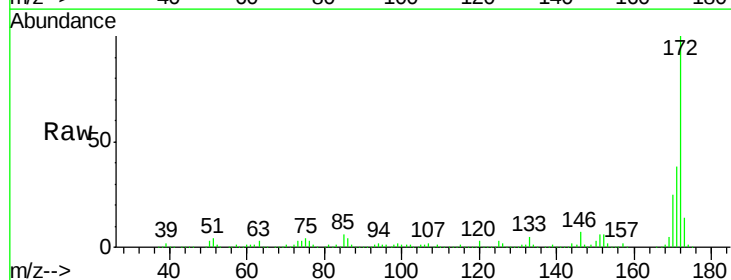


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

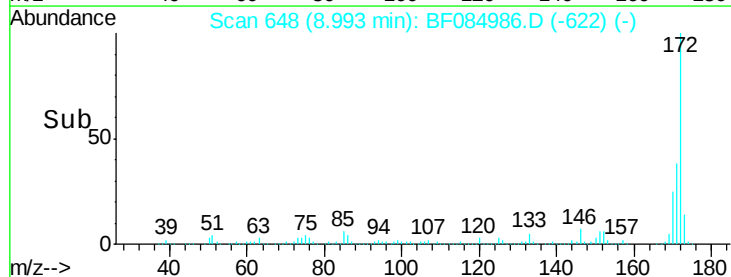
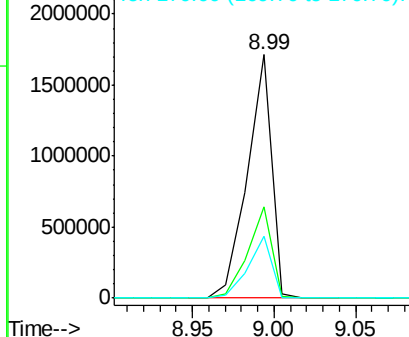


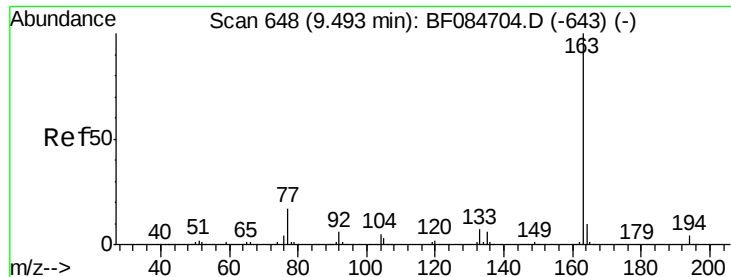
#44
 2-Fluorobiphenyl
 Concen: 112.46 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF084986.D
 Acq: 10 Feb 2016 11:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.9	43.3
170	25.4	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: 17.02 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084986.D

Acq: 10 Feb 2016 11:54

Instrument :

BNA_F

ClientSampleId :

S4-B009(27-29)

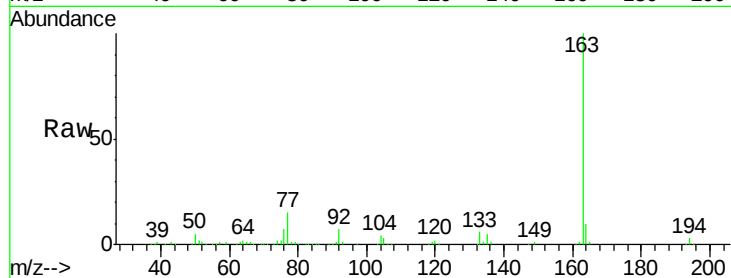
Tgt Ion:163 Resp: 384975

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

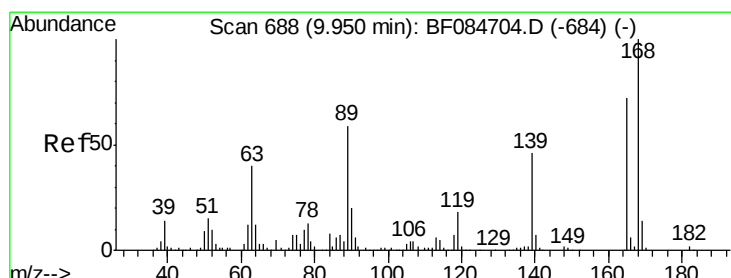
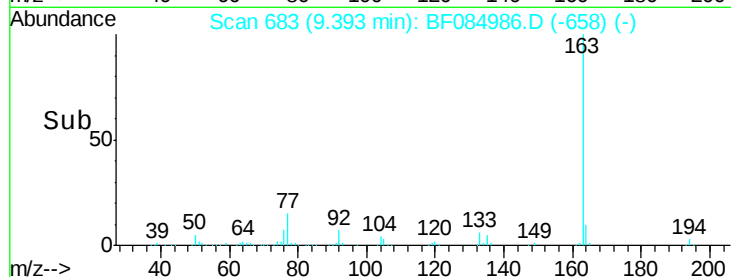
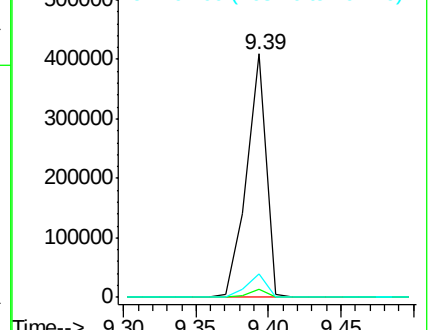
164 9.6 8.0 12.0



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: 6.15 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.22 min

Lab File: BF084986.D

Acq: 10 Feb 2016 11:54

Tgt Ion:165 Resp: 38750

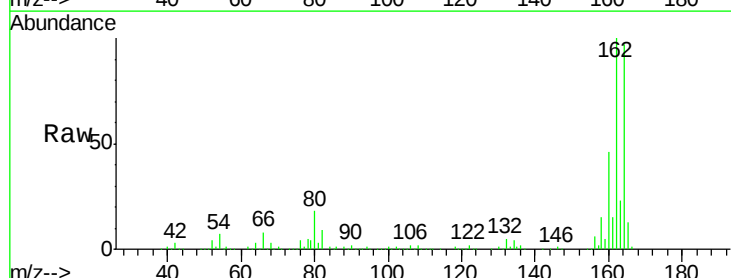
Ion Ratio Lower Upper

165 100

63 1.3 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

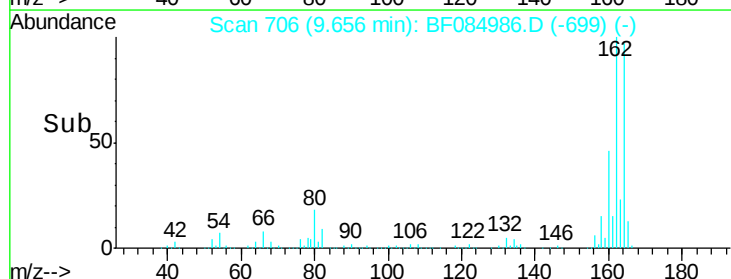
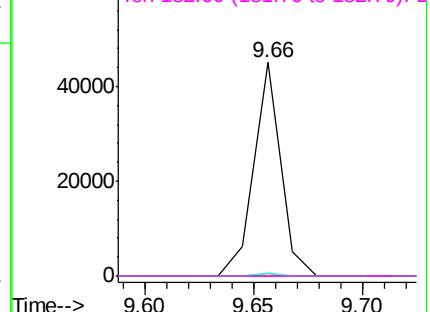


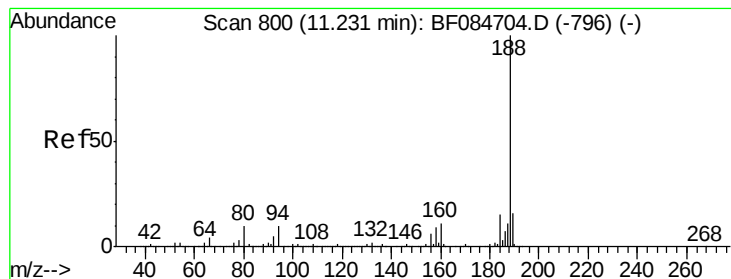
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF084986.D

Acq: 10 Feb 2016 11:54

Instrument :

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S4-B009(27-29)

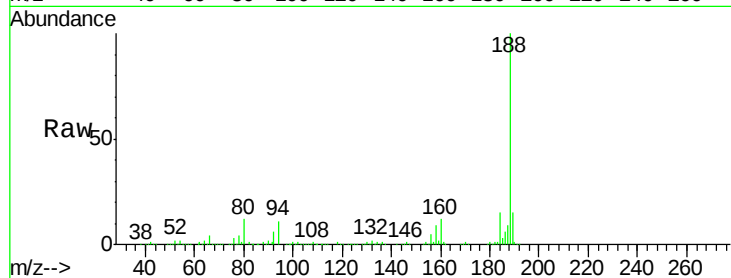
Tgt Ion:188 Resp: 524711

Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.4

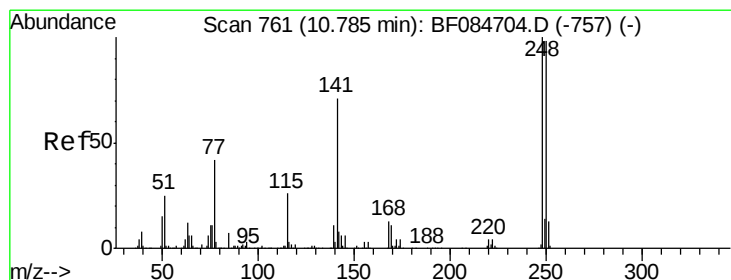
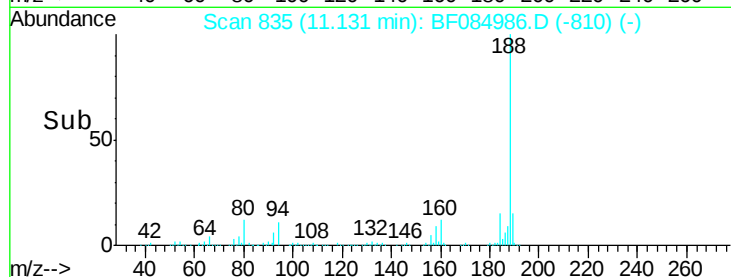
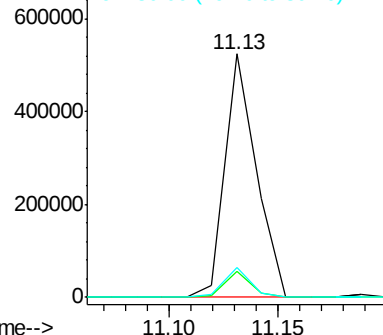
80 12.1 9.6 14.4



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: 3.92 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.25 min

Lab File: BF084986.D

Acq: 10 Feb 2016 11:54

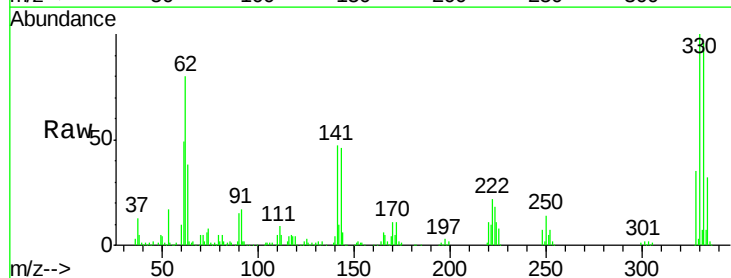
Tgt Ion:248 Resp: 22718

Ion Ratio Lower Upper

248 100

250 200.9 78.4 117.6#

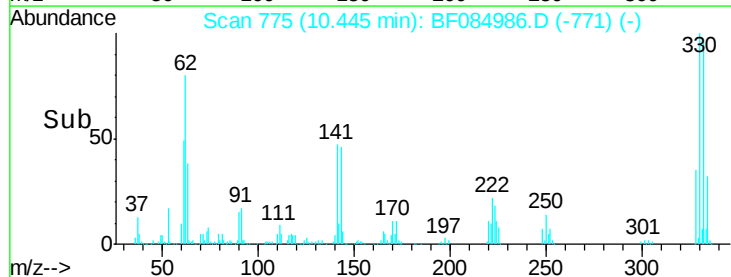
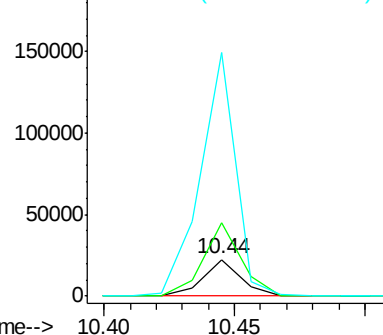
141 665.4 44.0 66.0#

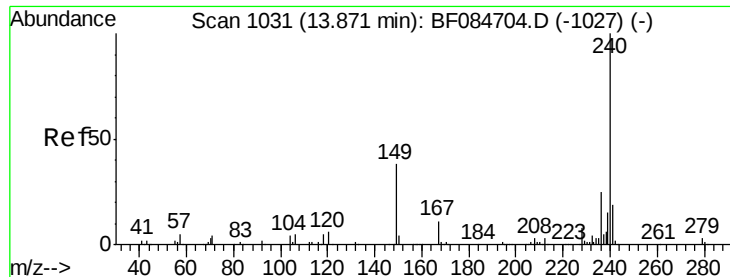


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF084986.D

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S4-B009(27-29)

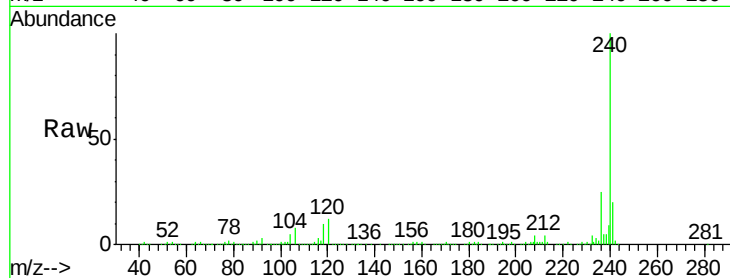
Tgt Ion:240 Resp: 421481

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

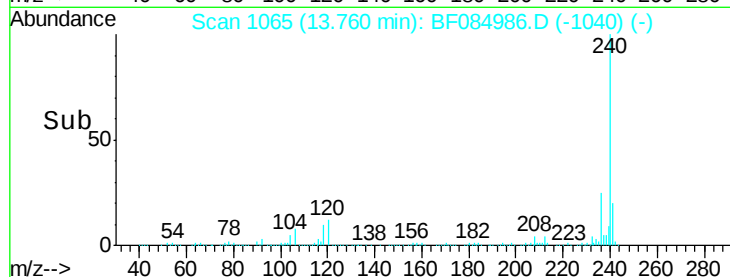
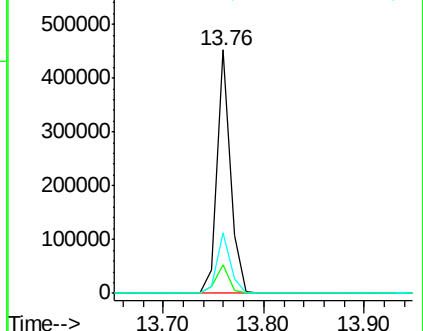
236 24.8 20.6 31.0



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



#78

Terphenyl-d14

Concen: 81.73 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF084986.D

Acq: 10 Feb 2016 11:54

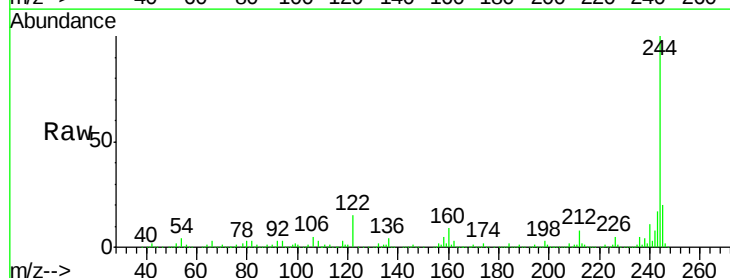
Tgt Ion:244 Resp: 1520175

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

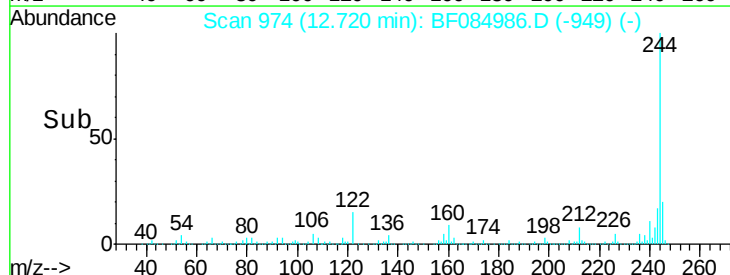
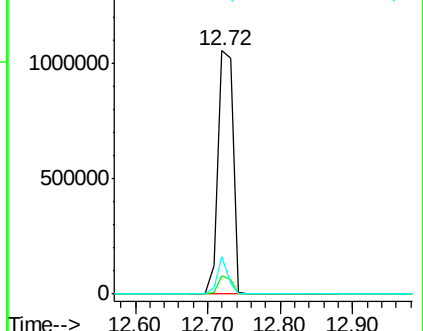
122 15.3 7.4 11.0#

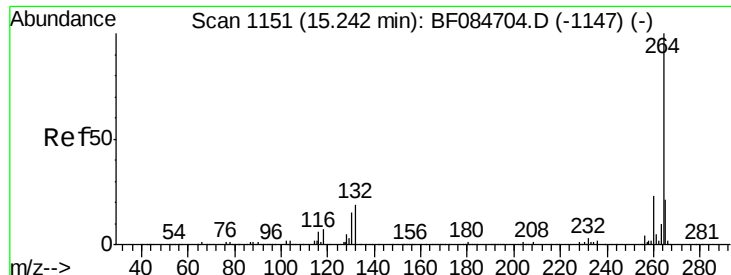


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

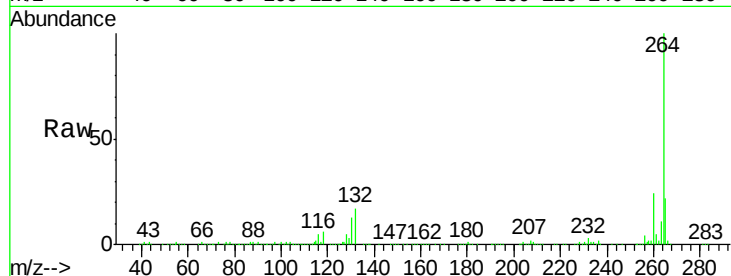




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF084986.D
Acq: 10 Feb 2016 11:54

Instrument :
BNA_F
ClientSampleId :
S4-B009(27-29)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.8	17.8	26.6



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

