

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084729.D
 Acq On : 2 Feb 2016 00:32
 Operator : SJ/IZ
 Sample : H1285-23
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(46-48)

Quant Time: Feb 02 03:36:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

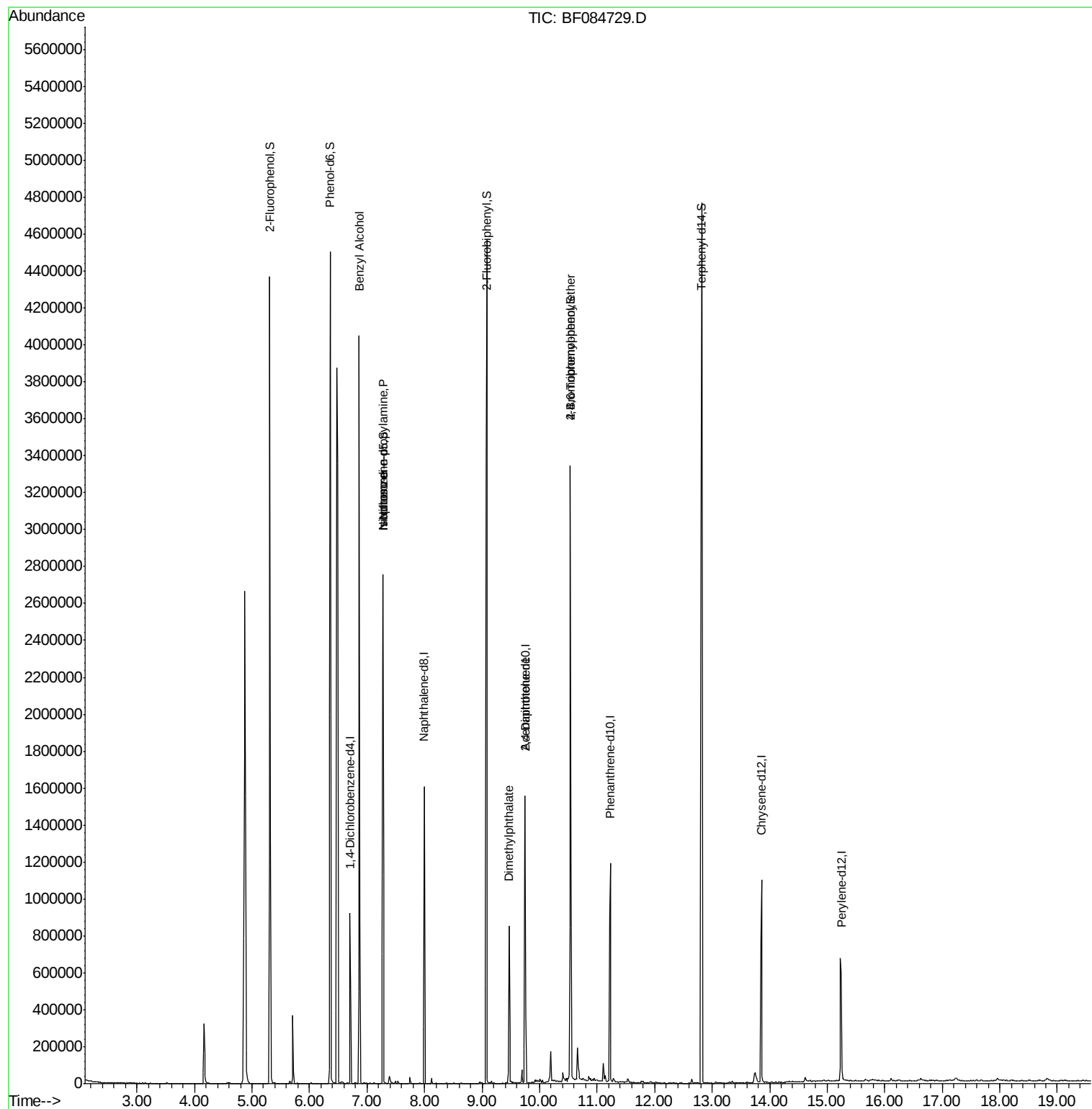
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	160426	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	682602	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	307096	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	592919	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	499455	20.00	ng	-0.01
86) Perylene-d12	15.24	264	365830	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1354829	131.54	ng	0.00
7) Phenol-d6	6.36	99	1621270	126.97	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1060701	87.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	485186	151.47	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1959200	131.00	ng	-0.01
78) Terphenyl-d14	12.82	244	1810896	82.16	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.86	79	18142	2.06	ng	# 46
19) n-Nitroso-di-n-propylamine	7.28	70	142848	17.85	ng	# 71
25) Isophorone	7.28	82	894695	37.97	ng	# 66
49) Dimethylphthalate	9.47	163	358697	15.34	ng	# 89
56) 2,4-Dinitrotoluene	9.74	165	40487	6.21	ng	# 21
66) 4-Bromophenyl-phenylether	10.53	248	27883	4.26	ng	# 1

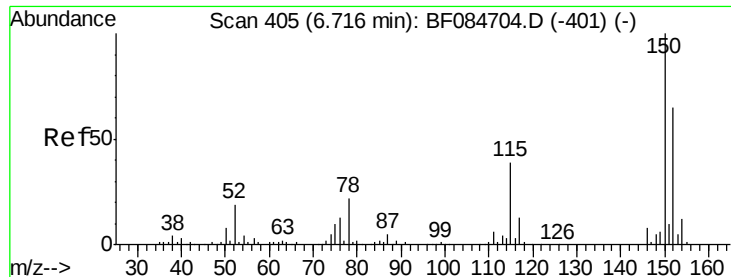
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF084729.D

Acq: 2 Feb 2016 00:32

Instrument :

BNA_F

ClientSampleId :

SUP-B012(46-48)

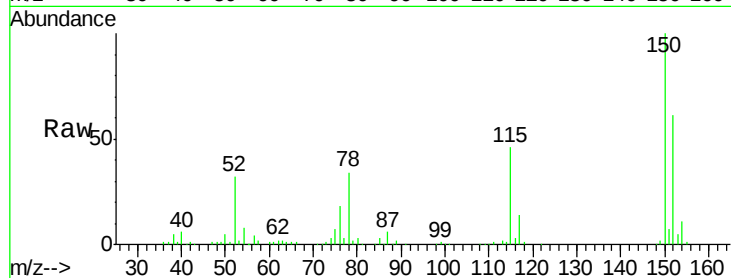
Tgt Ion:152 Resp: 160426

Ion Ratio Lower Upper

152 100

150 163.1 123.0 184.4

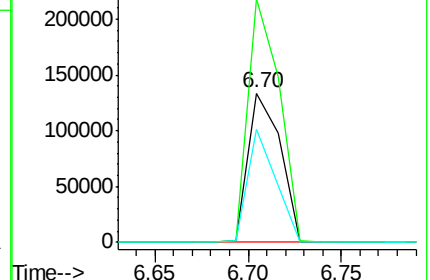
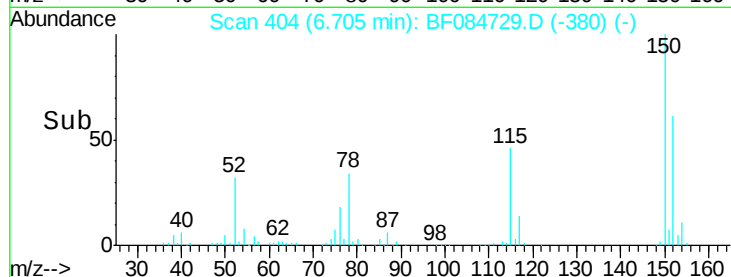
115 75.5 51.4 77.2



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: 131.54 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084729.D

Acq: 2 Feb 2016 00:32

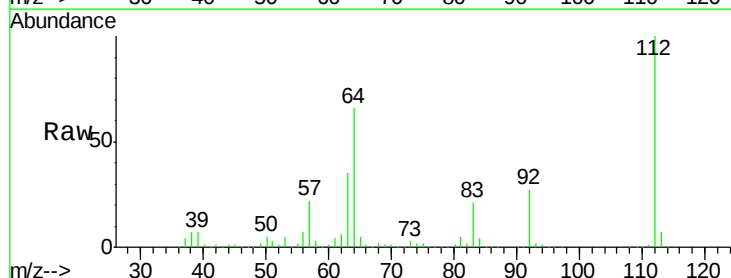
Tgt Ion:112 Resp: 1354829

Ion Ratio Lower Upper

112 100

64 65.9 36.6 55.0#

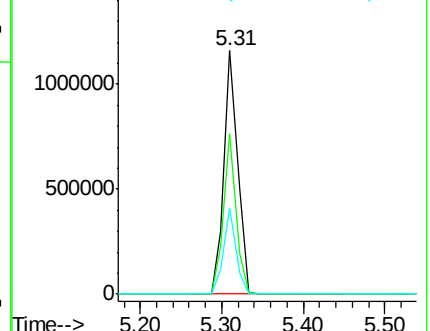
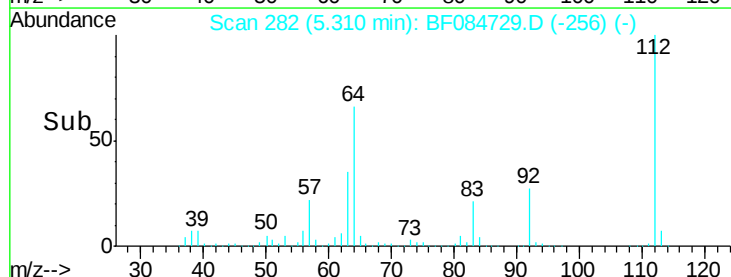
63 35.2 19.4 29.0#

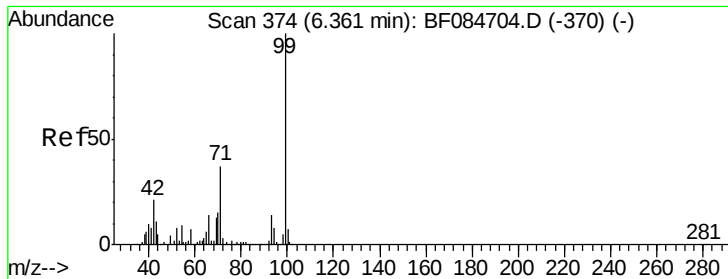


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.97 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084729.D

Acq: 2 Feb 2016 00:32

Instrument :

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ClientSampleId :

SUP-B012(46-48)

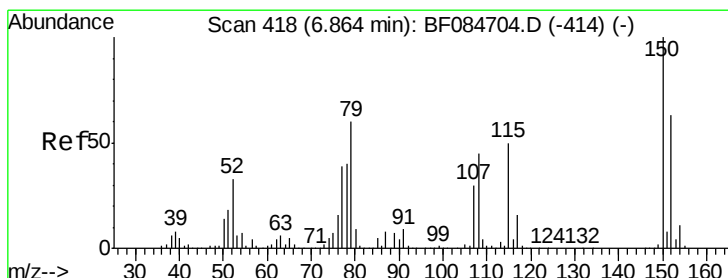
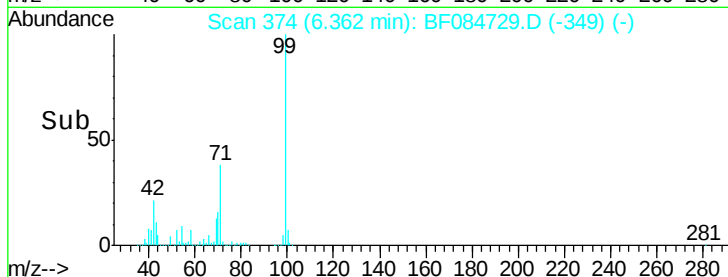
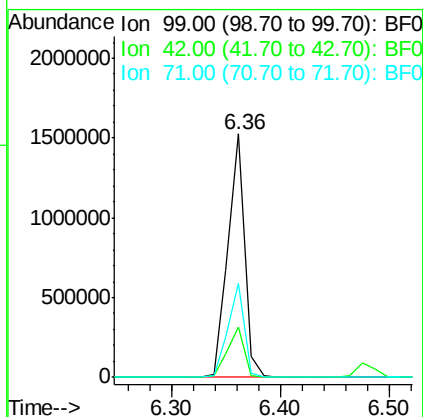
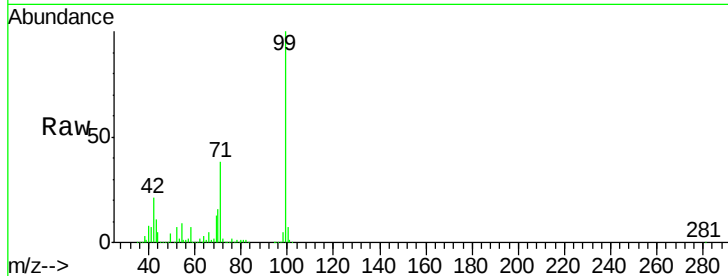
Tgt Ion: 99 Resp: 1621270

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

71 38.4 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF084729.D

Acq: 2 Feb 2016 00:32

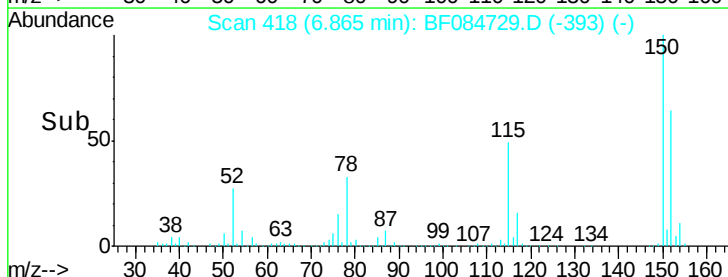
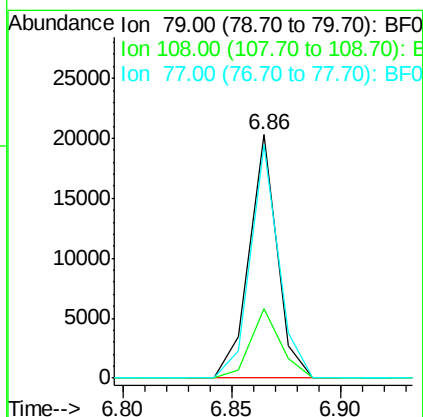
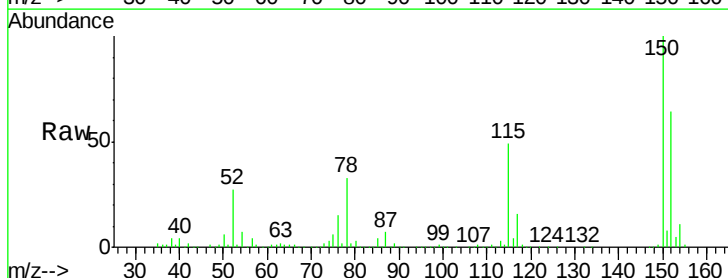
Tgt Ion: 79 Resp: 18142

Ion Ratio Lower Upper

79 100

108 28.6 69.0 103.4#

77 95.9 50.0 75.0#

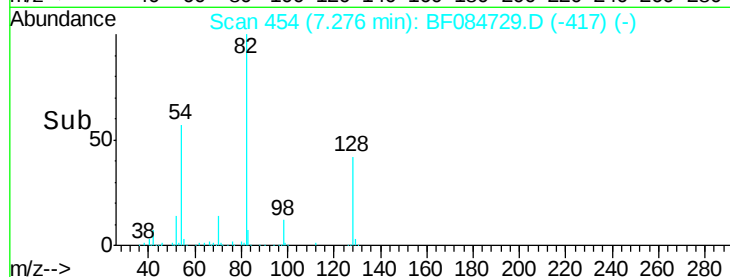
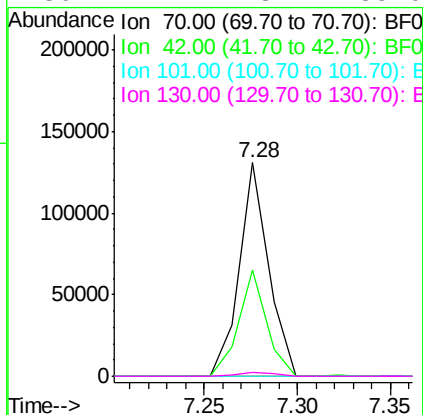
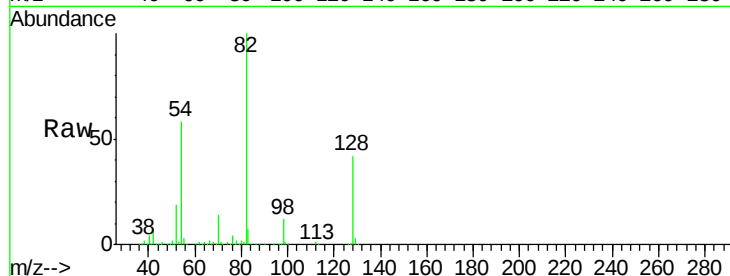




#19
n-Nitroso-di-n-propylamine
Concen: 17.85 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF084729.D
Acq: 2 Feb 2016 00:32

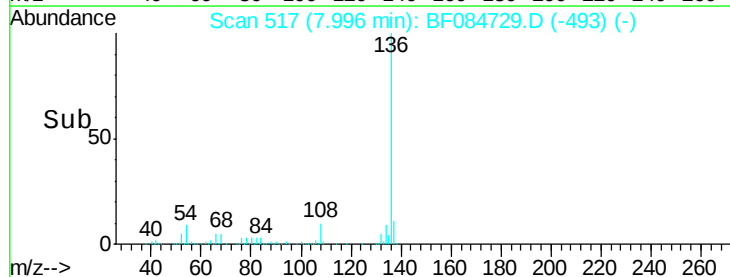
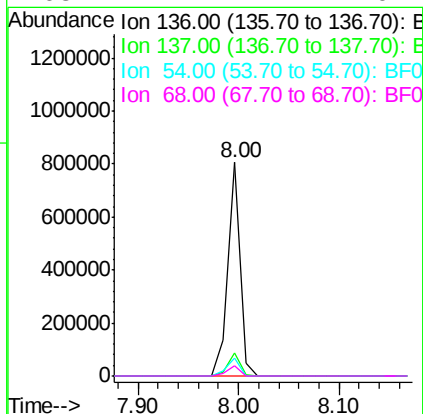
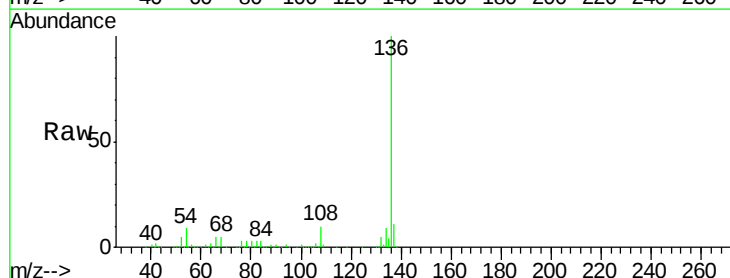
Instrument :
BNA_F
ClientSampleId :
SUP-B012(46-48)

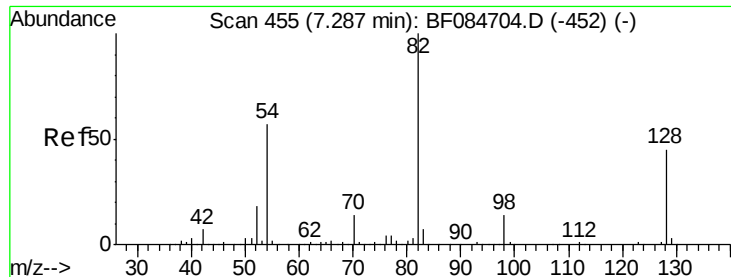
Tgt Ion:	70	Resp:	142848
Ion	Ratio	Lower	Upper
70	100		
42	49.5	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084729.D
Acq: 2 Feb 2016 00:32

Tgt Ion:	136	Resp:	682602
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.5	5.8	8.8
68	4.7	4.2	6.2





#23

Nitrobenzene-d5

Concen: 87.54 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF084729.D

Acq: 2 Feb 2016 00:32

Instrument :

BNA_F

ClientSampleId :

SUP-B012(46-48)

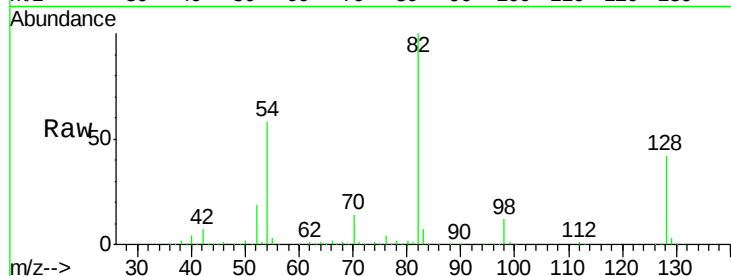
Tgt Ion: 82 Resp: 1060701

Ion Ratio Lower Upper

82 100

128 42.4 34.6 51.8

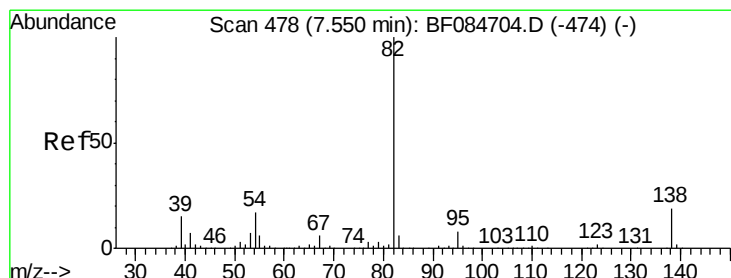
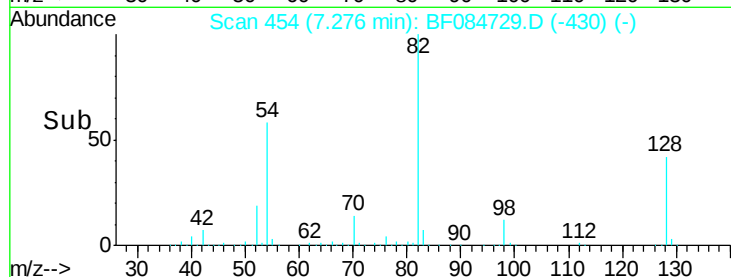
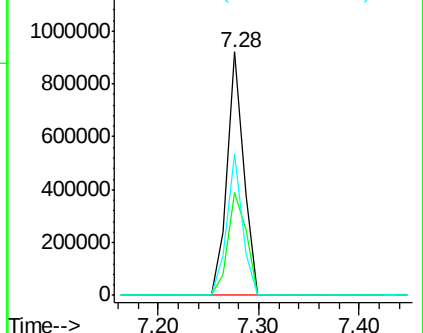
54 58.1 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 37.97 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.29 min

Lab File: BF084729.D

Acq: 2 Feb 2016 00:32

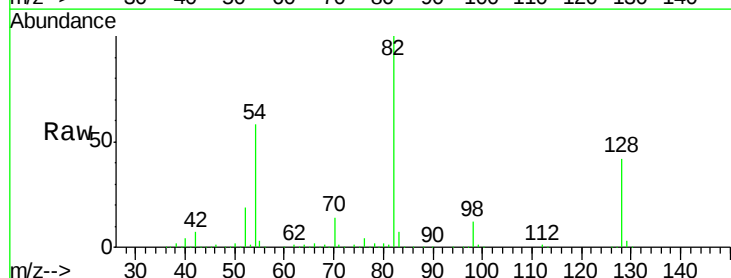
Tgt Ion: 82 Resp: 894695

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

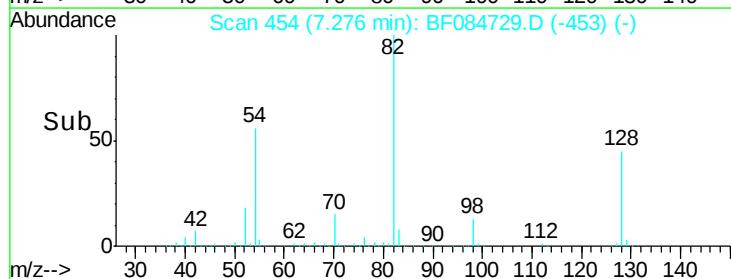
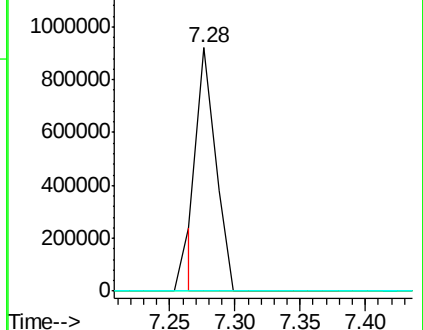
138 0.0 13.6 20.4#

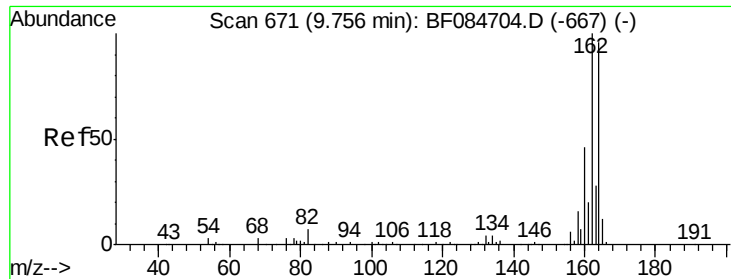


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084729.D

Acq: 2 Feb 2016 00:32

Instrument :

BNA_F

ClientSampleId :

SUP-B012(46-48)

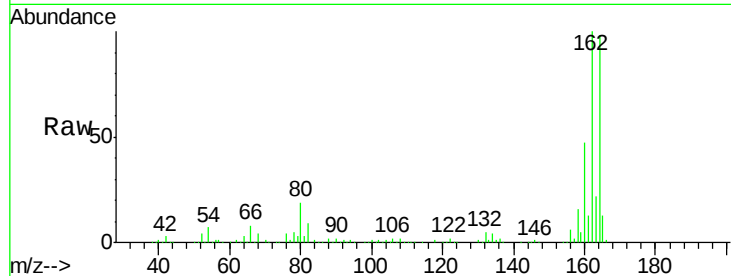
Tgt Ion:164 Resp: 307096

Ion Ratio Lower Upper

164 100

162 102.0 85.1 127.7

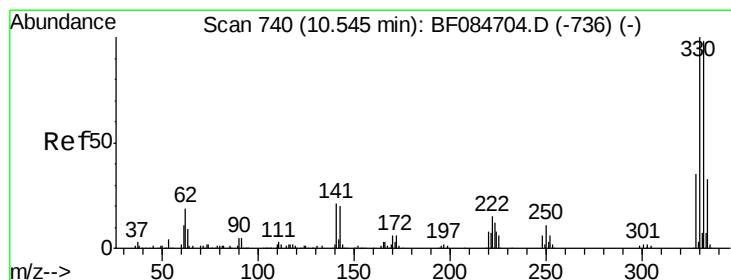
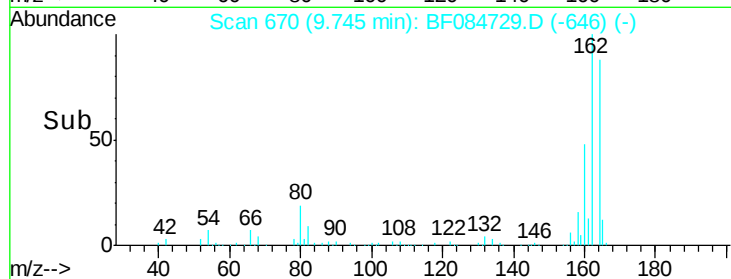
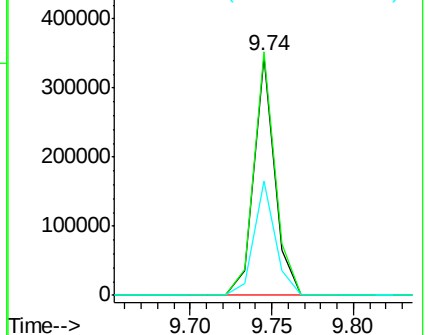
160 48.2 37.5 56.3



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: 151.47 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF084729.D

Acq: 2 Feb 2016 00:32

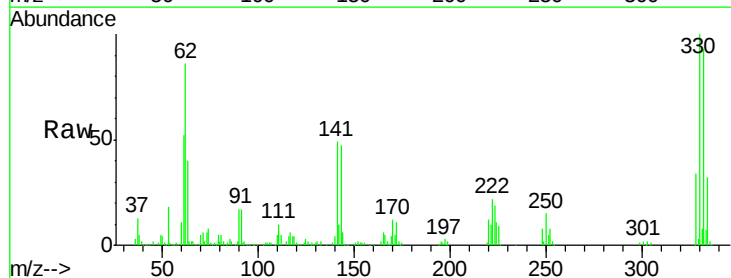
Tgt Ion:330 Resp: 485186

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

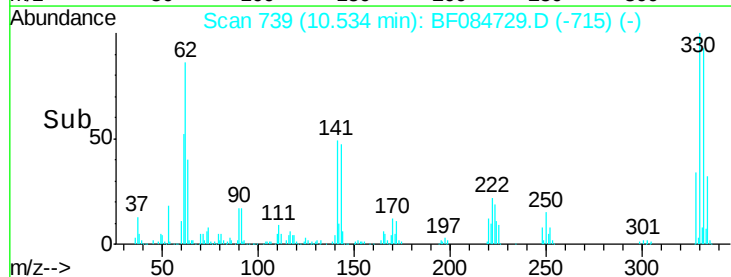
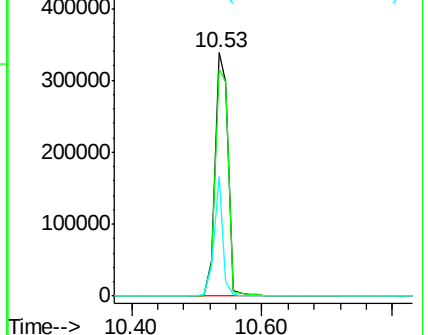
141 33.1 27.8 41.6

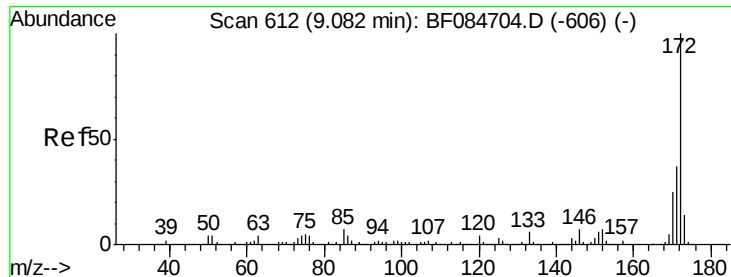


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

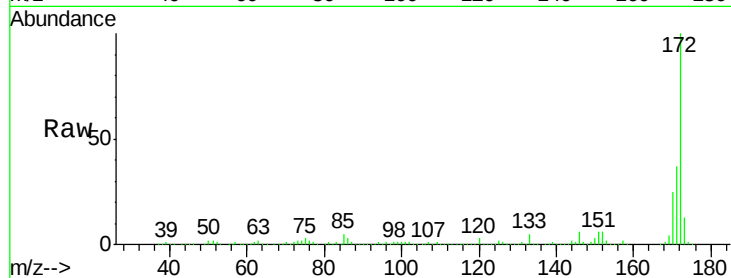




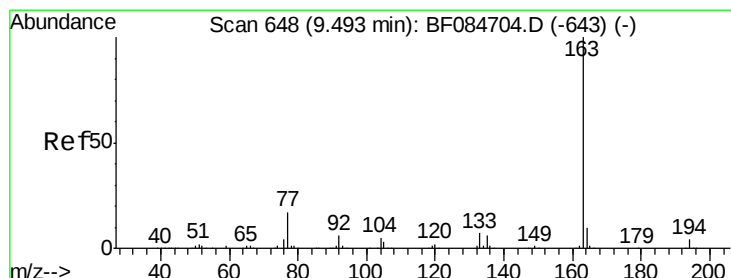
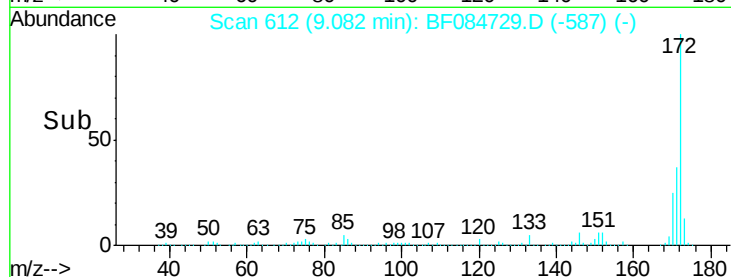
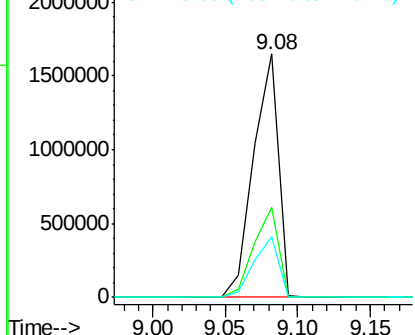
#44
 2-Fluorobiphenyl
 Concen: 131.00 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084729.D
 Acq: 2 Feb 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(46-48)

Tgt Ion:172 Resp: 1959200
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 24.8 18.6 27.8

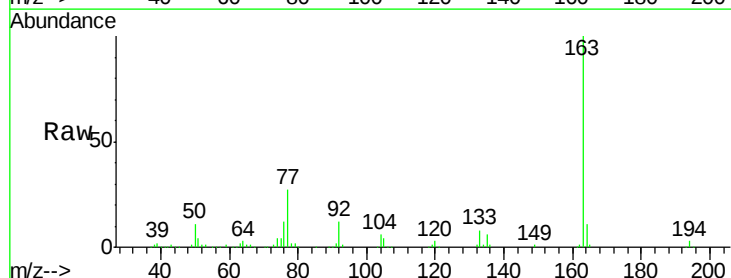


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

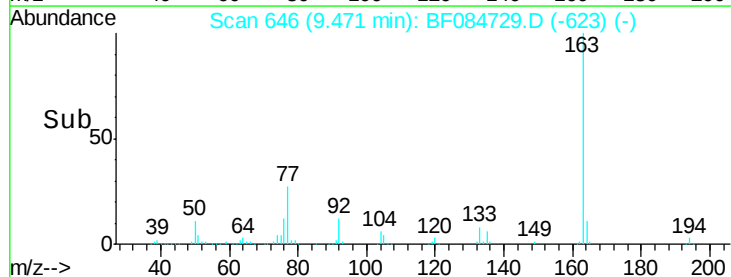
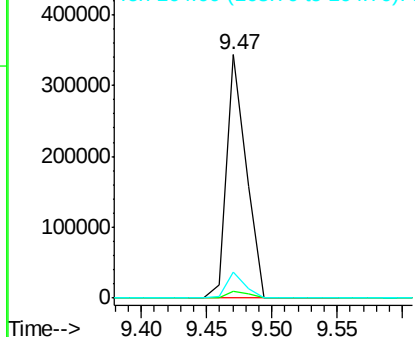


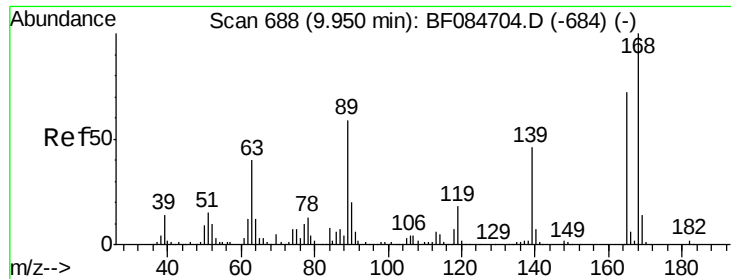
#49
 Dimethylphthalate
 Concen: 15.34 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.03 min
 Lab File: BF084729.D
 Acq: 2 Feb 2016 00:32

Tgt Ion:163 Resp: 358697
 Ion Ratio Lower Upper
 163 100
 194 2.8 8.0 12.0#
 164 10.7 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

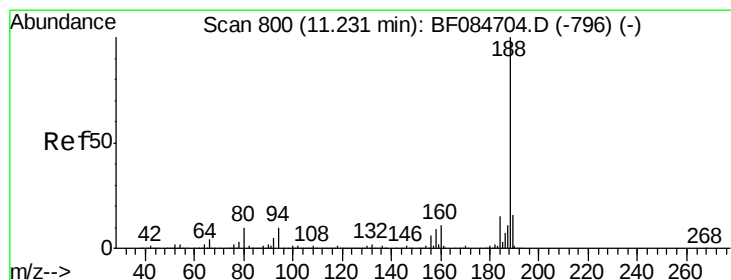
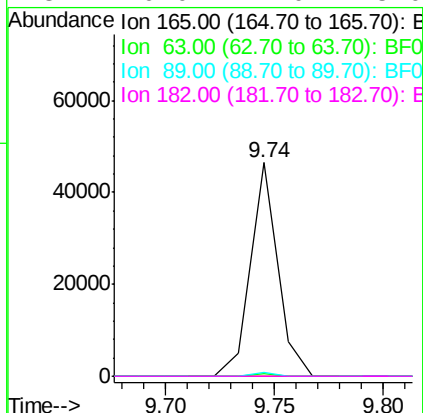
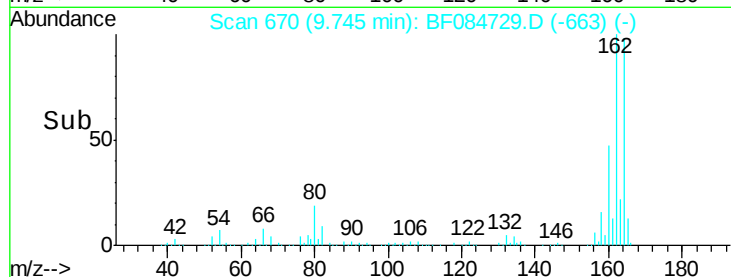
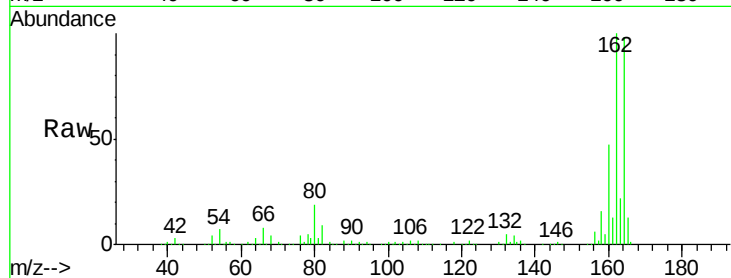




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.22 min
 Lab File: BF084729.D
 Acq: 2 Feb 2016 00:32

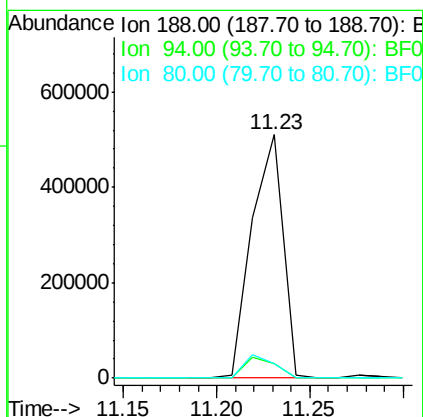
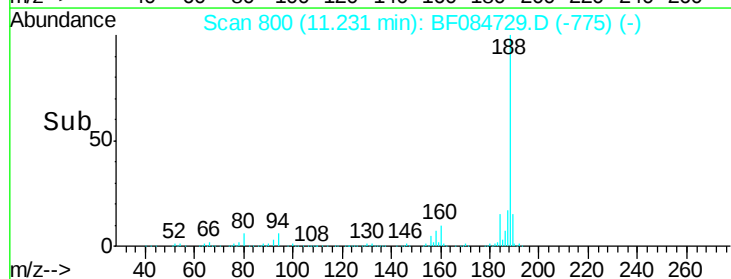
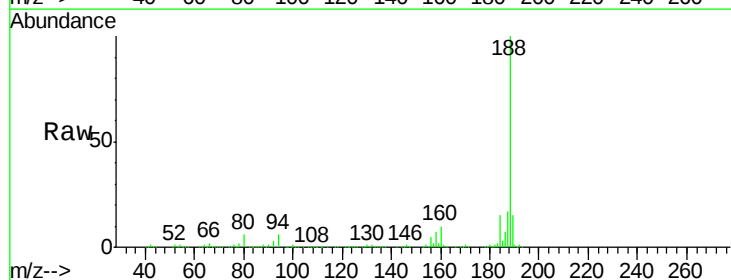
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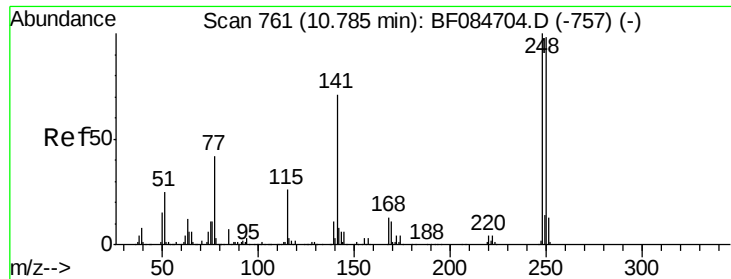
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.6	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF084729.D
 Acq: 2 Feb 2016 00:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	9.0	13.4#
80	6.1	9.6	14.4#





#66

4-Bromophenyl-phenylether

Concen: 4.26 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.26 min

Lab File: BF084729.D

Acq: 2 Feb 2016 00:32

Instrument :

BNA_F

ClientSampleId :

SUP-B012(46-48)

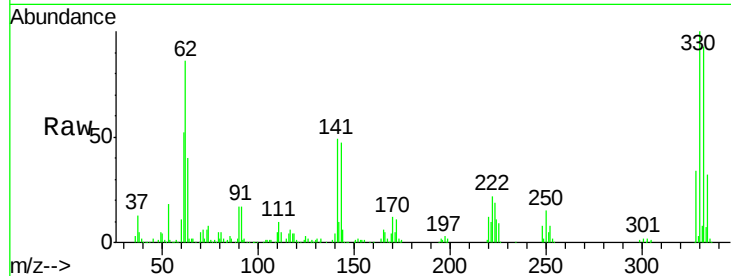
Tgt Ion:248 Resp: 27883

Ion Ratio Lower Upper

248 100

250 199.5 78.4 117.6#

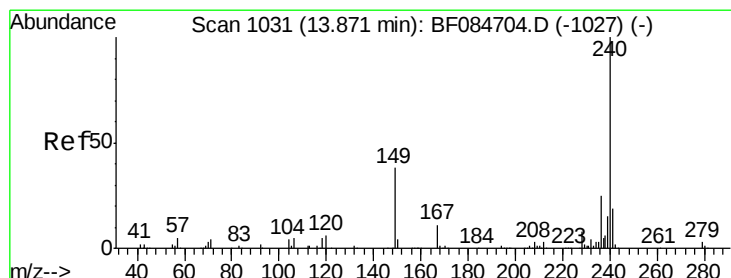
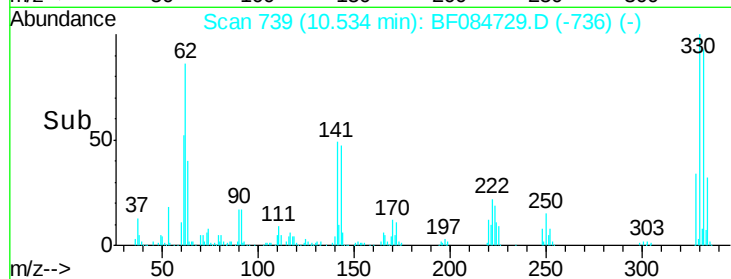
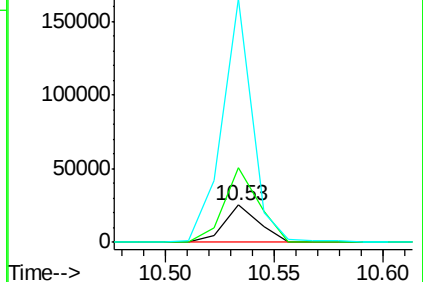
141 649.9 44.0 66.0#



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: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084729.D

Acq: 2 Feb 2016 00:32

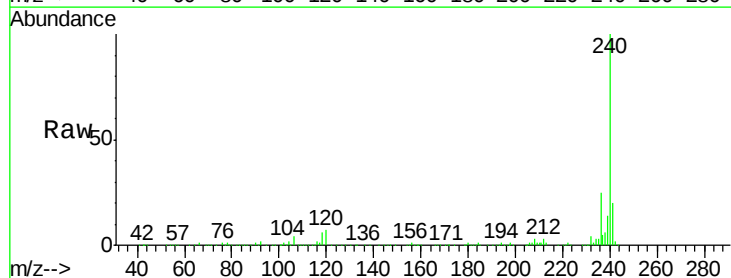
Tgt Ion:240 Resp: 499455

Ion Ratio Lower Upper

240 100

120 6.5 9.5 14.3#

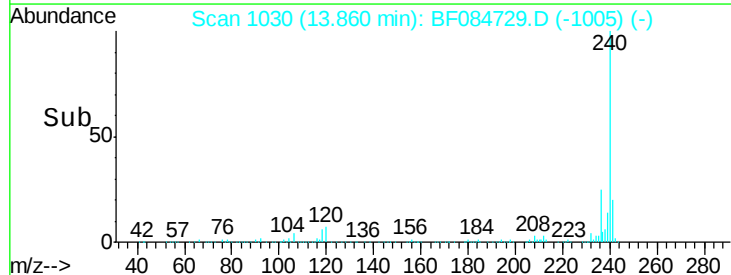
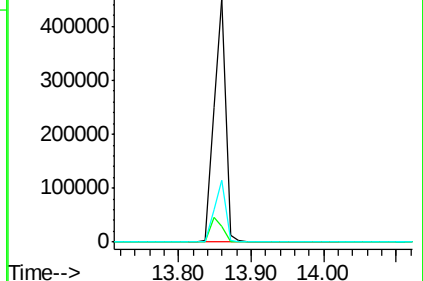
236 25.3 20.6 31.0

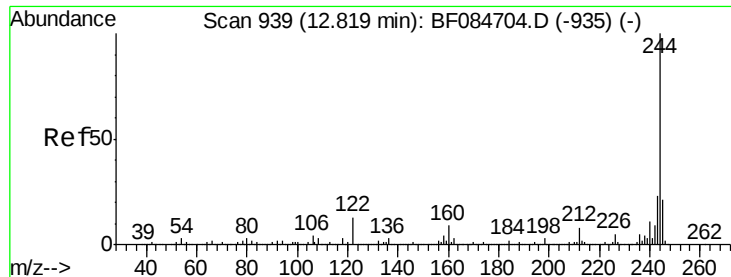


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.16 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084729.D

Acq: 2 Feb 2016 00:32

Instrument :

BNA_F

ClientSampleId :

SUP-B012(46-48)

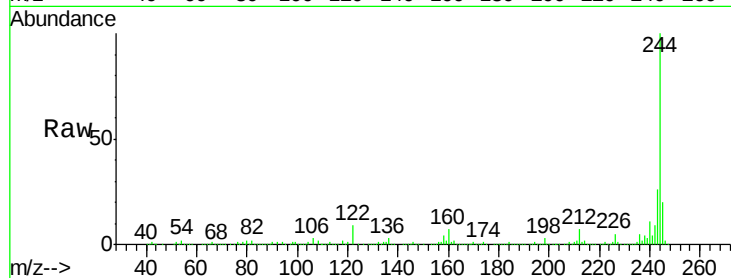
Tgt Ion:244 Resp: 1810896

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

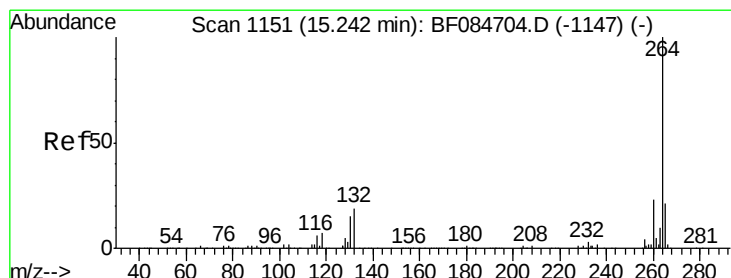
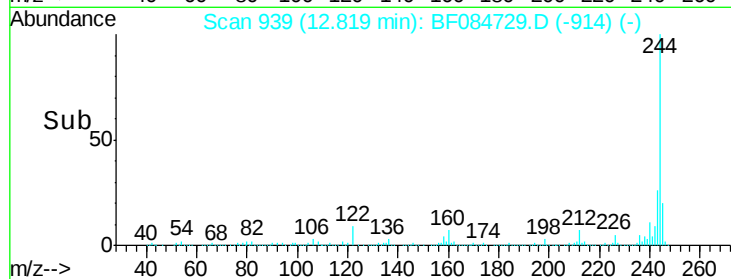
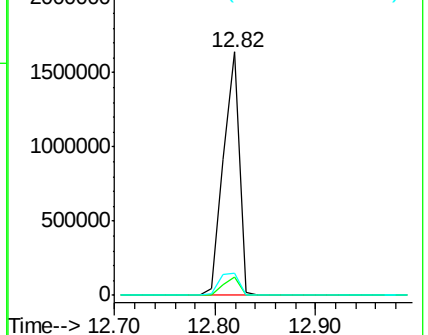
122 9.3 7.4 11.0



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: 15.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF084729.D

Acq: 2 Feb 2016 00:32

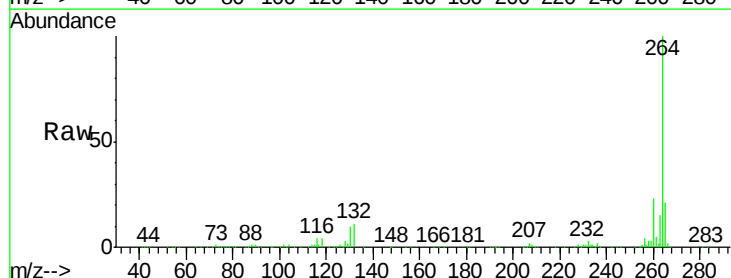
Tgt Ion:264 Resp: 365830

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

265 21.5 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

