

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084892.D
 Acq On : 6 Feb 2016 6:13
 Operator : SJ/IZ
 Sample : H1320-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B013(25.5-27.5)

Quant Time: Feb 07 23:56:27 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

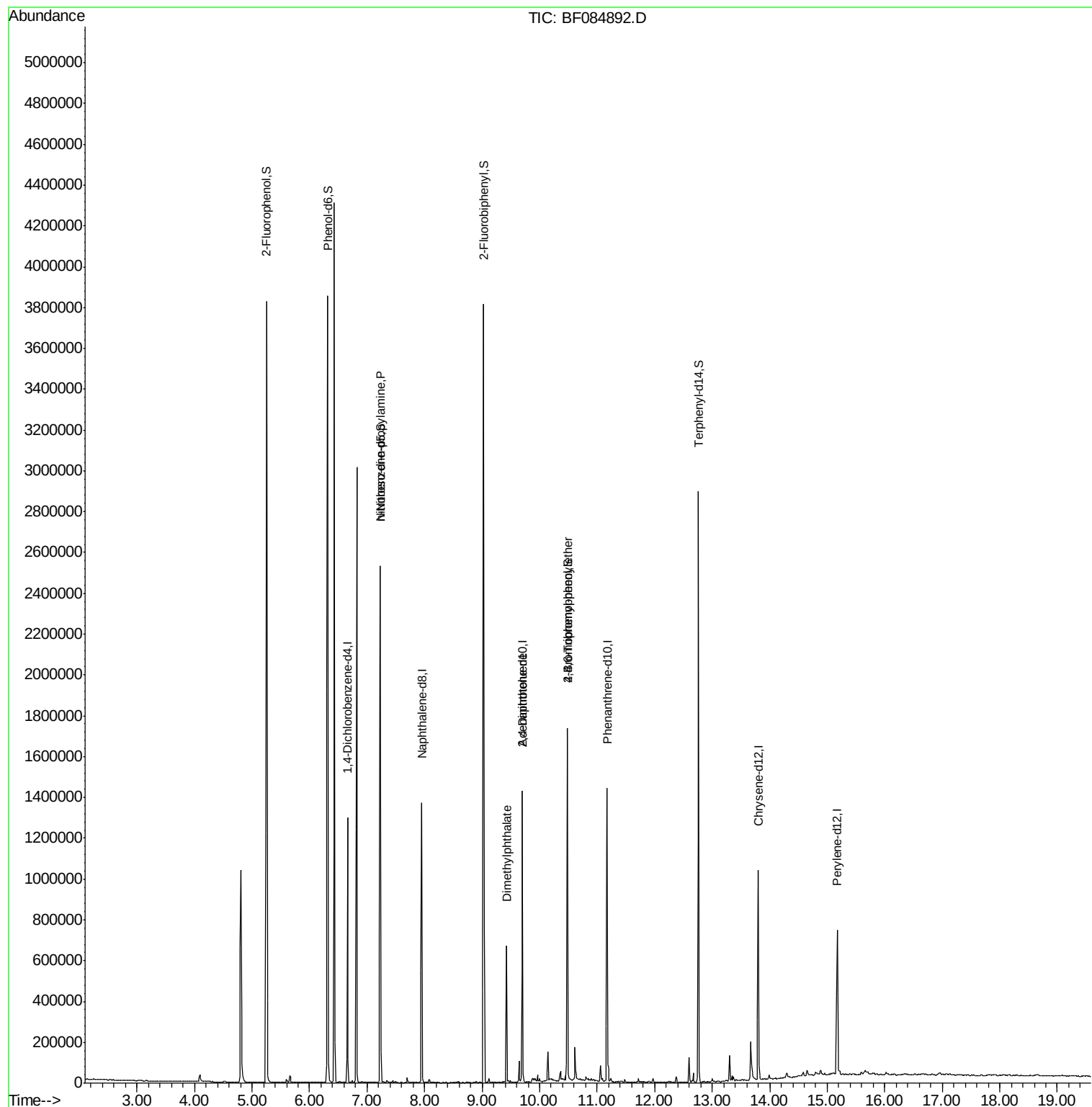
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170190	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	680646	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	297453	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	497372	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	351162	20.00	ng	-0.03
86) Perylene-d12	15.17	264	318664	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1048080	95.92	ng	-0.02
7) Phenol-d6	6.32	99	1409454	104.05	ng	-0.02
23) Nitrobenzene-d5	7.23	82	778997	64.47	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	313414	101.01	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1142901	58.38	ng	-0.03
78) Terphenyl-d14	12.76	244	970892	62.65	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	108969	12.83	ng	# 72
49) Dimethylphthalate	9.42	163	232270	10.25	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	38038	6.03	ng	# 21
66) 4-Bromophenyl-phenylether	10.49	248	19759	3.60	ng	# 1

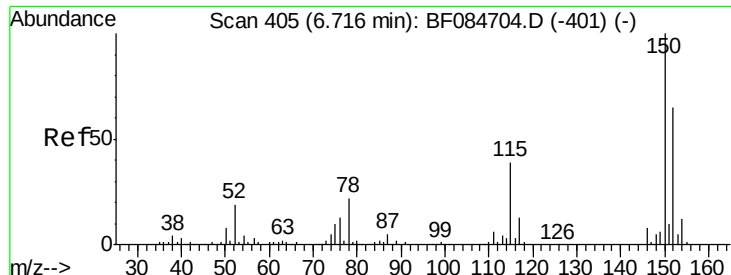
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084892.D

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Instrument :

BNA_F

ClientSampleId :

S4-B013(25.5-27.5)

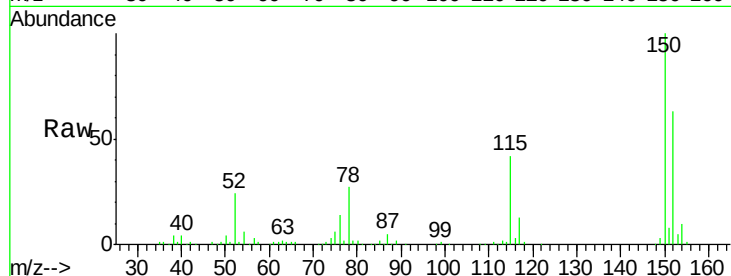
Tgt Ion:152 Resp: 170190

Ion Ratio Lower Upper

152 100

150 158.6 123.0 184.4

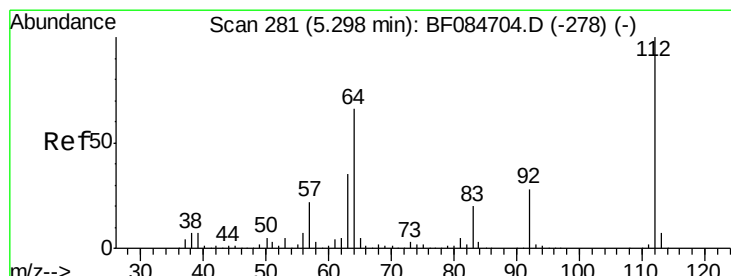
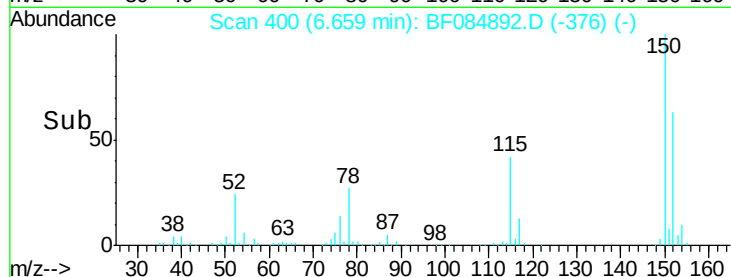
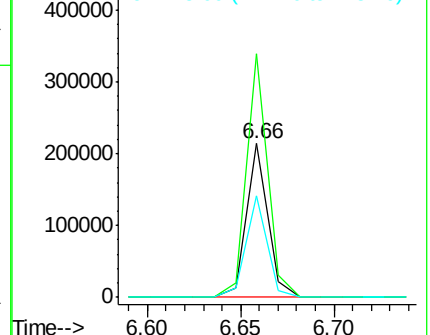
115 66.0 51.4 77.2



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: 95.92 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084892.D

Acq: 6 Feb 2016 6:13

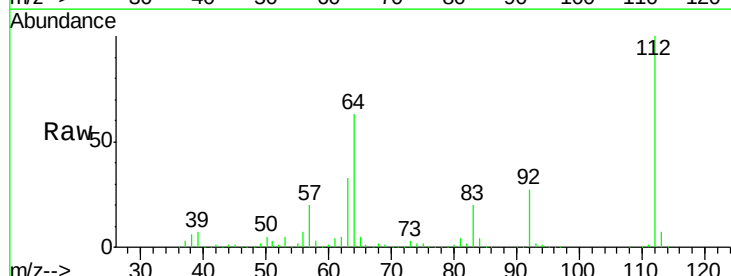
Tgt Ion:112 Resp: 1048080

Ion Ratio Lower Upper

112 100

64 63.1 36.6 55.0#

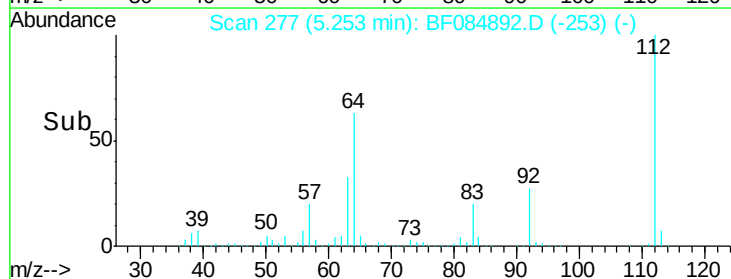
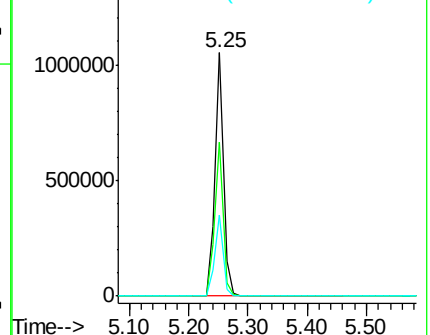
63 33.5 19.4 29.0#

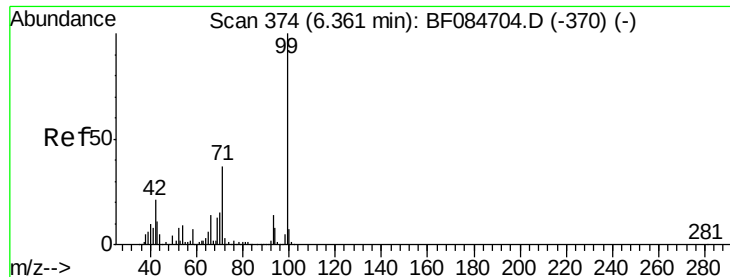


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.05 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084892.D

Acq: 6 Feb 2016 6:13

Instrument :

BNA_F

ClientSampleId :

S4-B013(25.5-27.5)

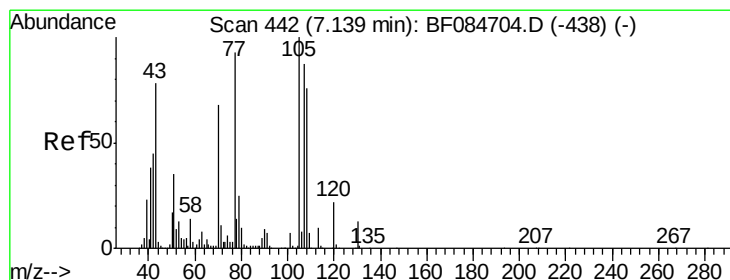
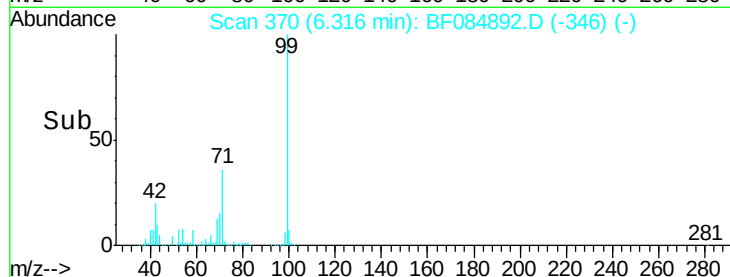
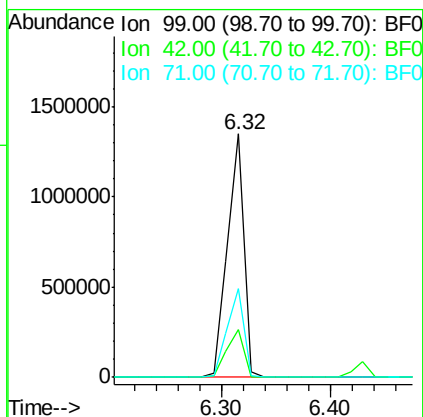
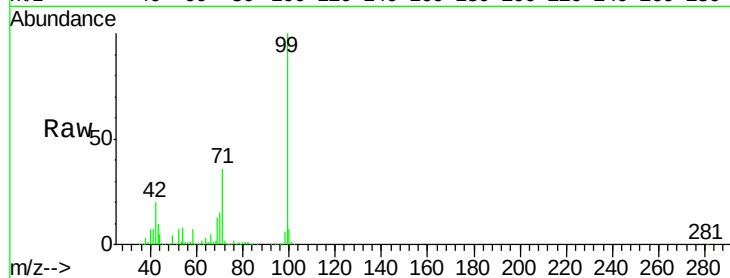
Tgt Ion: 99 Resp: 1409454

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

71 36.3 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.83 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.11 min

Lab File: BF084892.D

Acq: 6 Feb 2016 6:13

Tgt Ion: 70 Resp: 108969

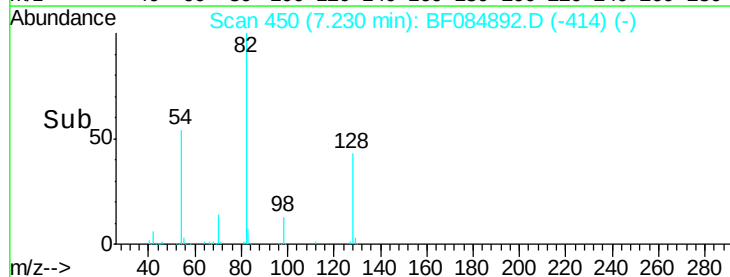
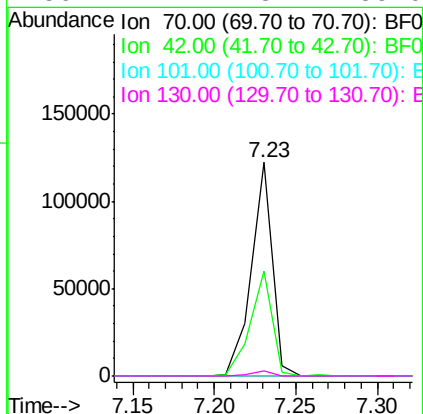
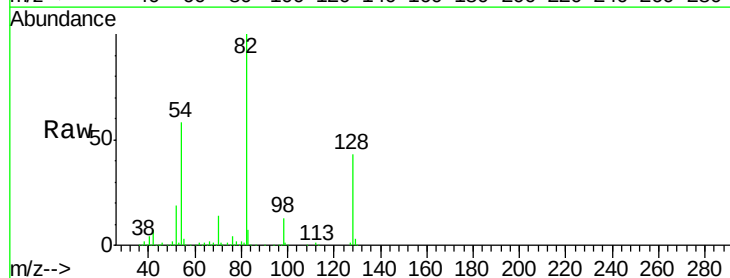
Ion Ratio Lower Upper

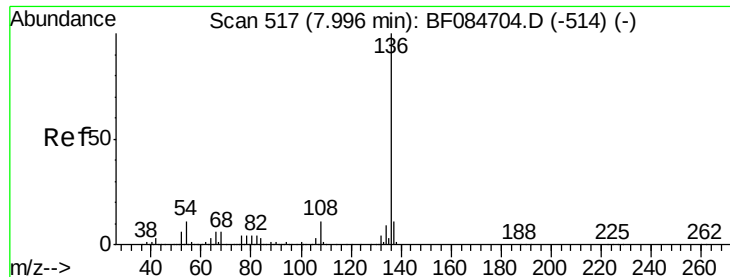
70 100

42 49.0 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

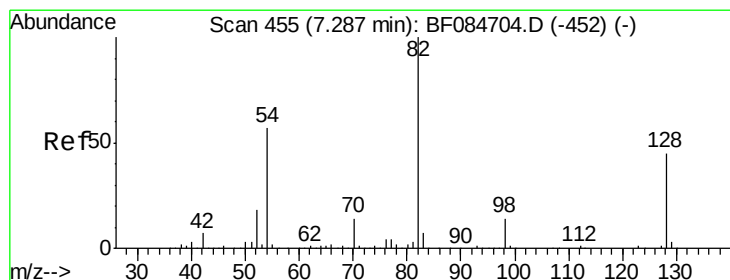
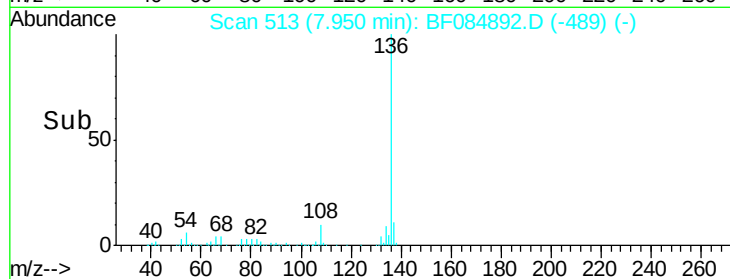
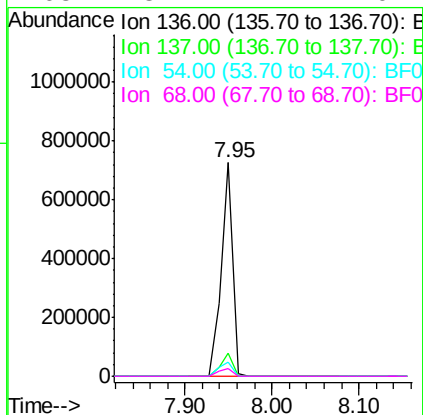
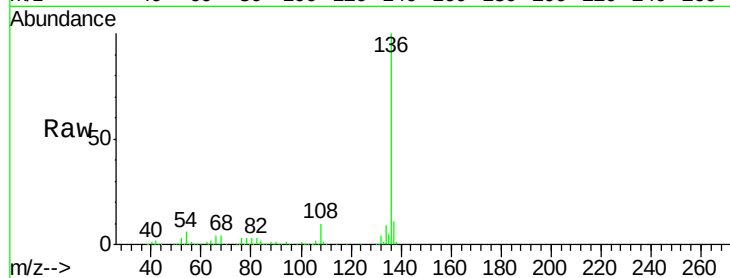




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084892.D
Acq: 6 Feb 2016 6:13

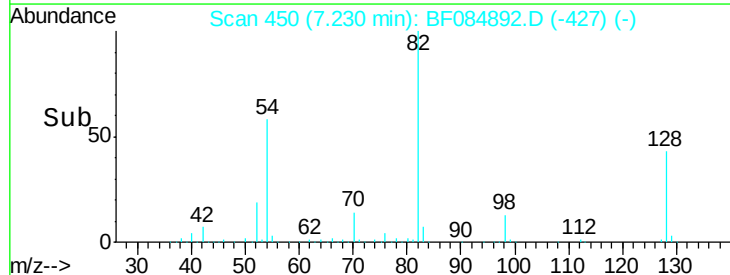
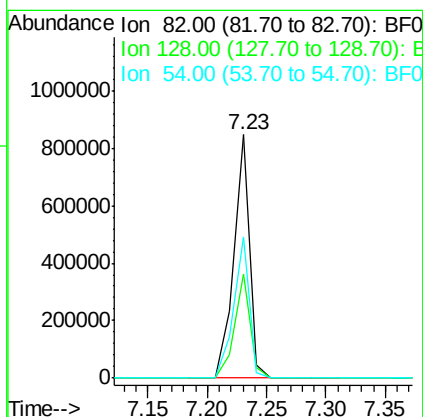
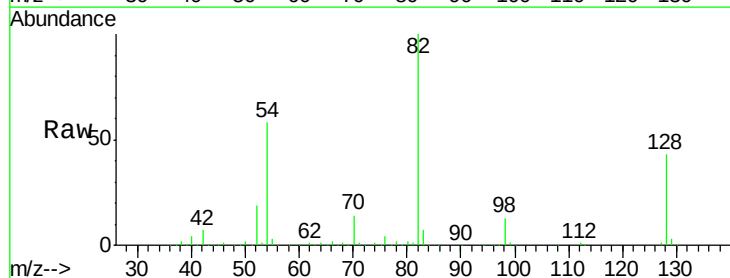
Instrument :
BNA_F
ClientSampleId :
S4-B013(25.5-27.5)

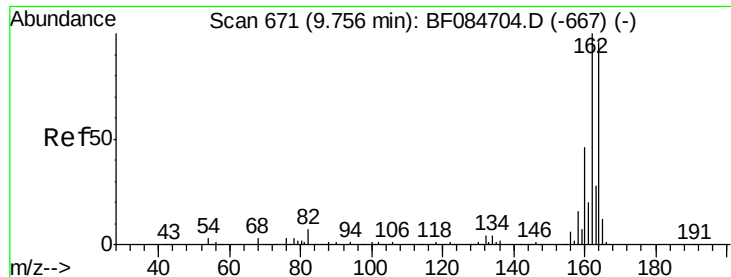
Tgt Ion:	136	Resp:	680646
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	5.8	8.8
68	3.7	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 64.47 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084892.D
Acq: 6 Feb 2016 6:13

Tgt Ion:	82	Resp:	778997
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	58.0	38.4	57.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084892.D

Acq: 6 Feb 2016 6:13

Instrument :

BNA_F

ClientSampleId :

S4-B013(25.5-27.5)

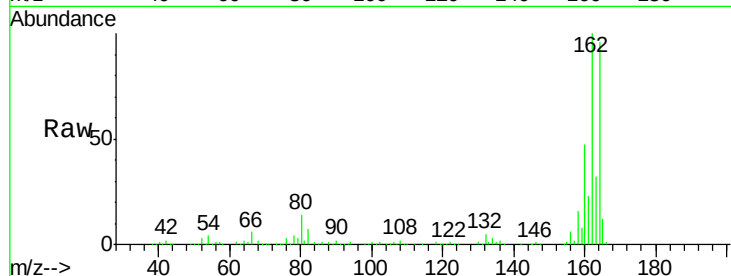
Tgt Ion:164 Resp: 297453

Ion Ratio Lower Upper

164 100

162 104.0 85.1 127.7

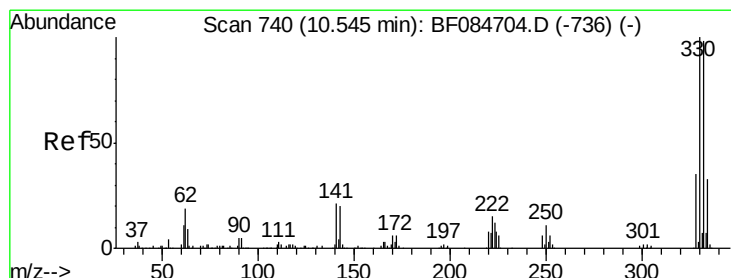
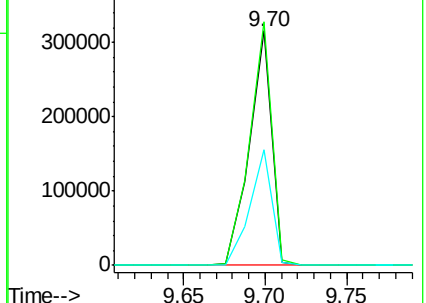
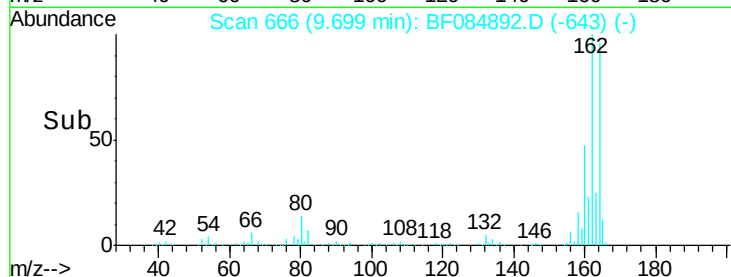
160 49.3 37.5 56.3



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: 101.01 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084892.D

Acq: 6 Feb 2016 6:13

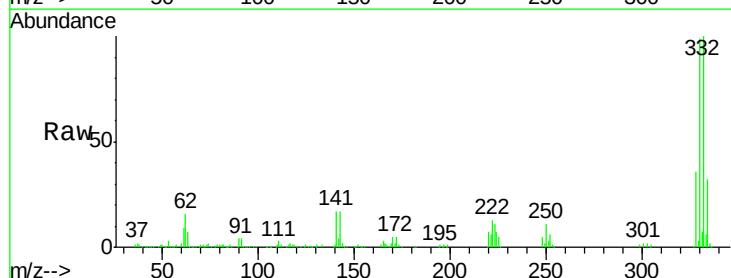
Tgt Ion:330 Resp: 313414

Ion Ratio Lower Upper

330 100

332 99.2 76.6 114.8

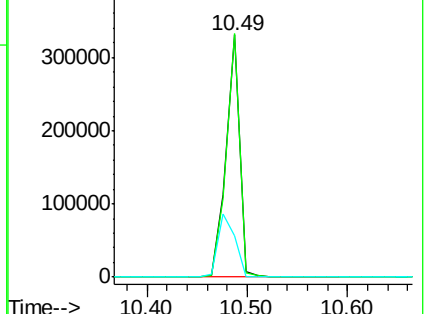
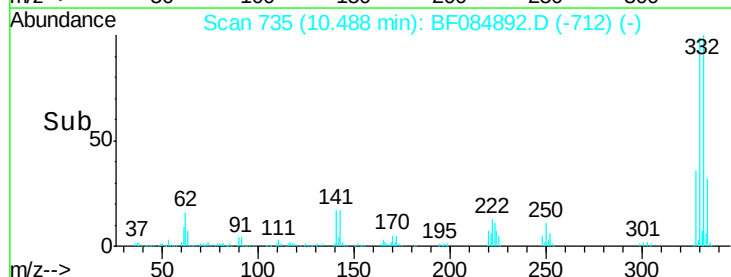
141 32.7 27.8 41.6

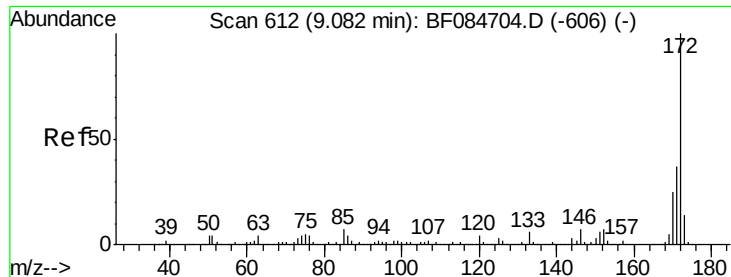


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 58.38 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF084892.D

Acq: 6 Feb 2016 6:13

Instrument :

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ClientSampleId :

S4-B013(25.5-27.5)

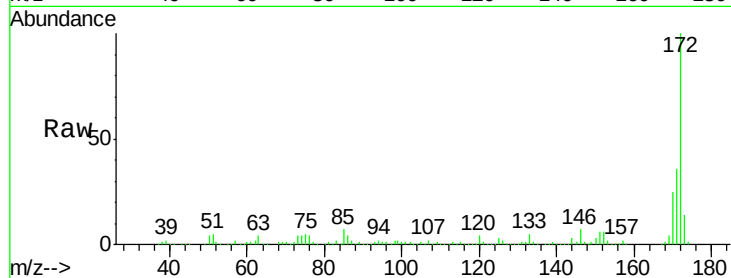
Tgt Ion:172 Resp: 1142901

Ion Ratio Lower Upper

172 100

171 36.3 28.9 43.3

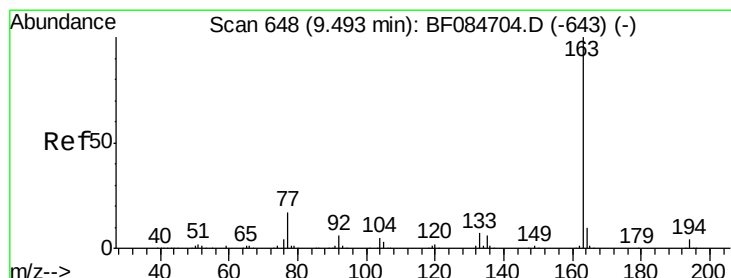
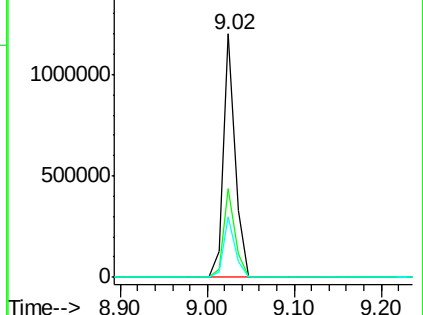
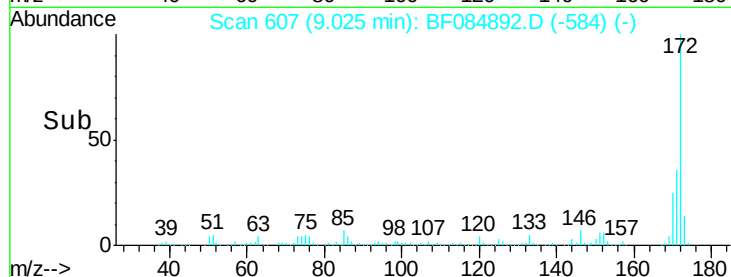
170 24.8 18.6 27.8



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: 10.25 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084892.D

Acq: 6 Feb 2016 6:13

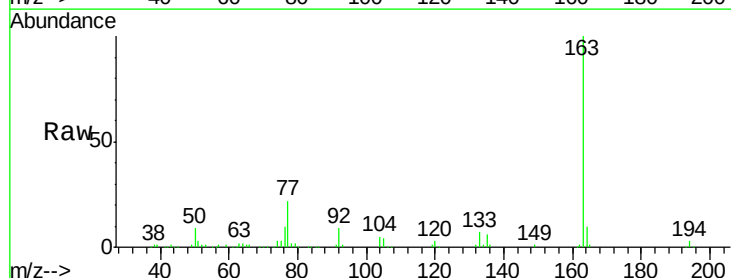
Tgt Ion:163 Resp: 232270

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

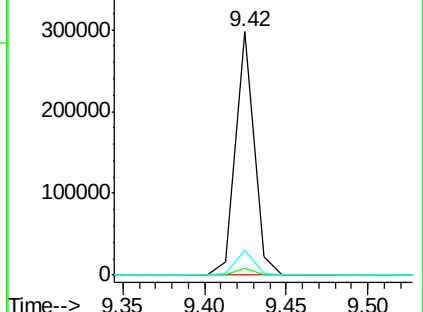
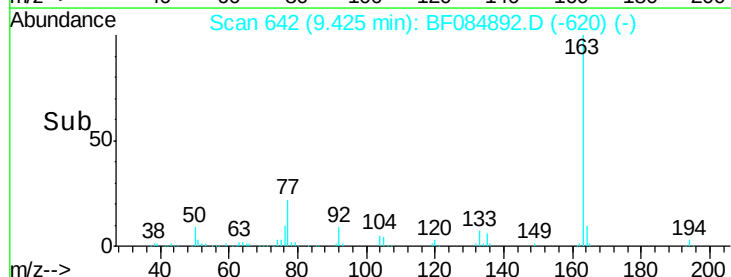
164 10.1 8.0 12.0

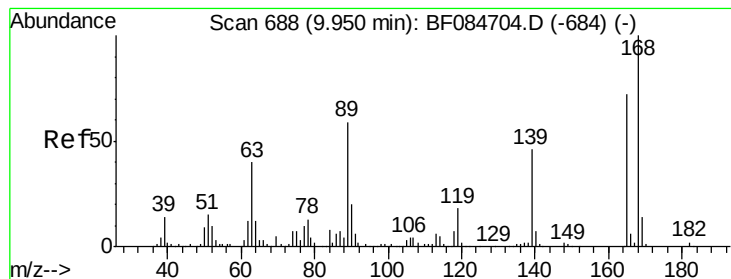


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.03 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.23 min

Lab File: BF084892.D

Acq: 6 Feb 2016 6:13

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Tgt Ion:165 Resp: 38038

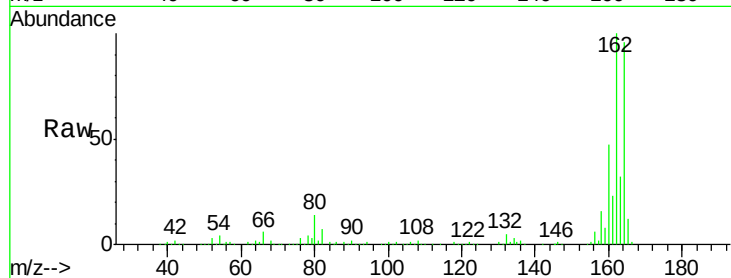
Ion Ratio Lower Upper

165 100

63 0.8 36.7 55.1#

89 1.8 61.9 92.9#

182 0.0 2.0 3.0#

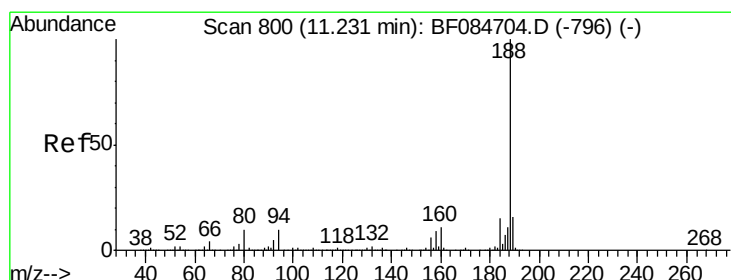
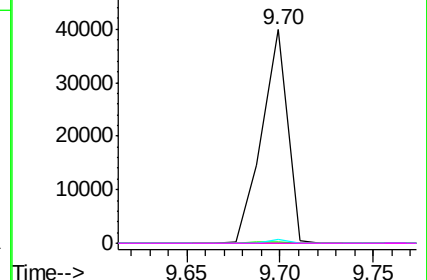
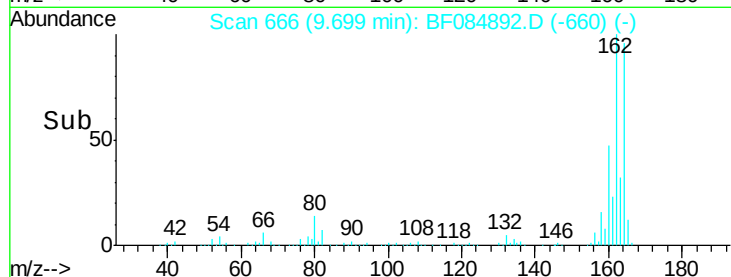


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084892.D

Acq: 6 Feb 2016 6:13

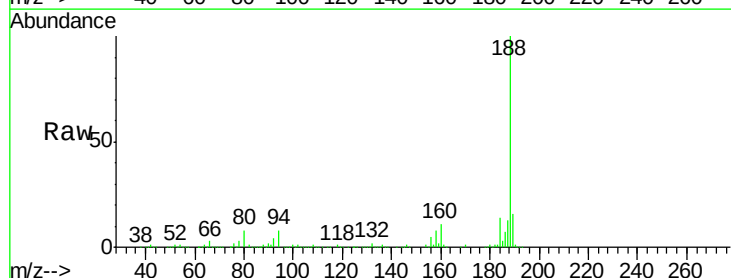
Tgt Ion:188 Resp: 497372

Ion Ratio Lower Upper

188 100

94 8.2 9.0 13.4#

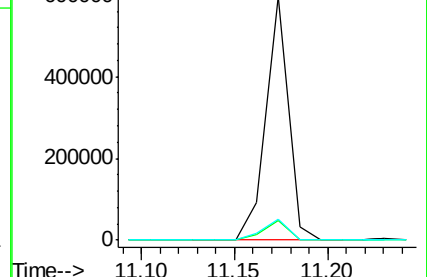
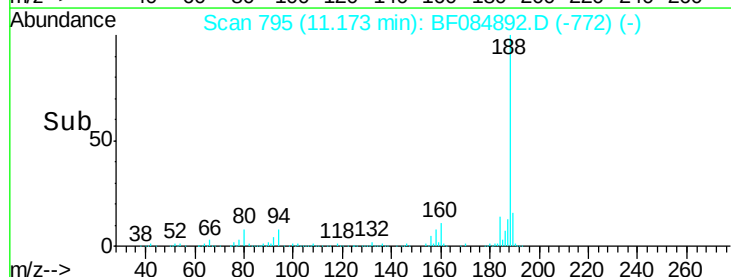
80 8.3 9.6 14.4#

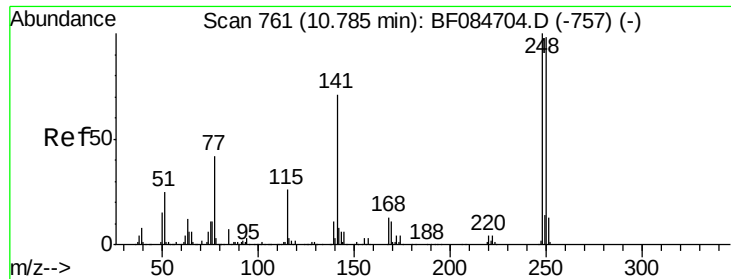


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.60 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF084892.D

Acq: 6 Feb 2016 6:13

Instrument :

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S4-B013(25.5-27.5)

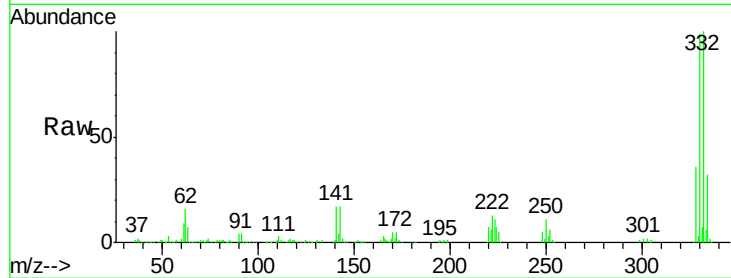
Tgt Ion:248 Resp: 19759

Ion Ratio Lower Upper

248 100

250 203.5 78.4 117.6#

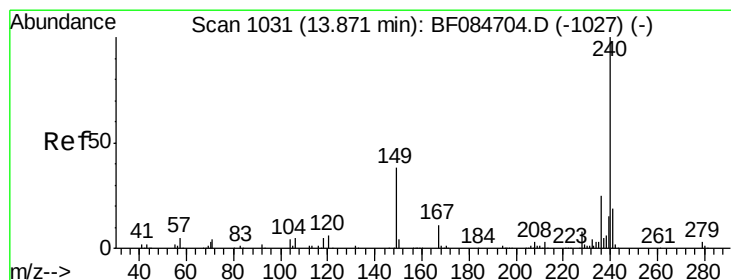
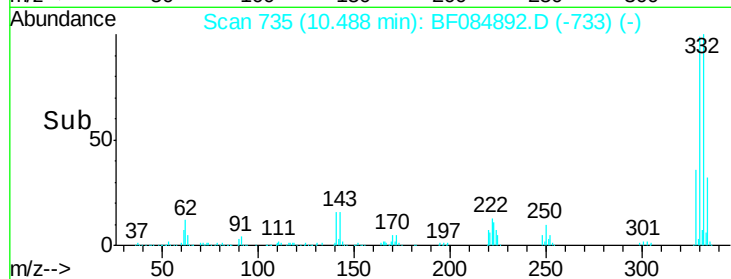
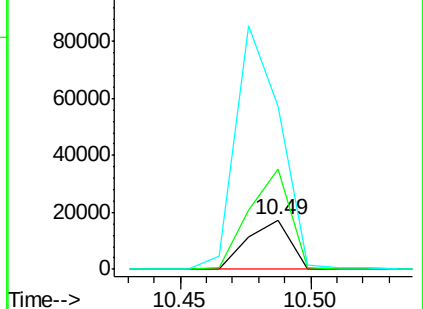
141 331.3 44.0 66.0#



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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084892.D

Acq: 6 Feb 2016 6:13

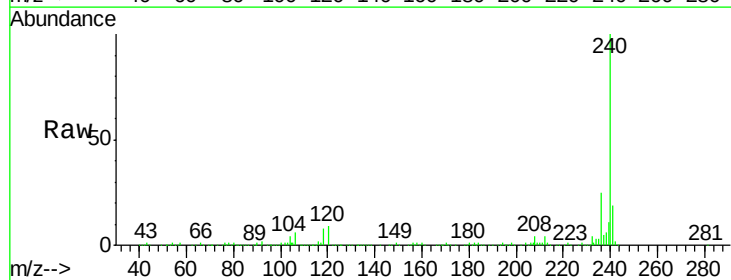
Tgt Ion:240 Resp: 351162

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

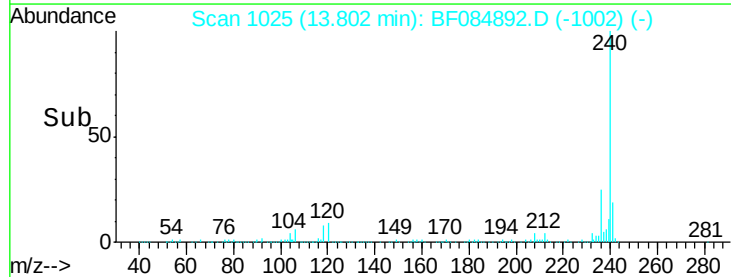
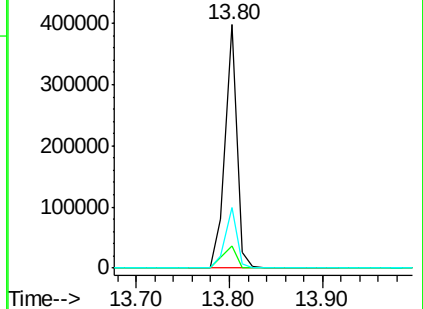
236 24.9 20.6 31.0

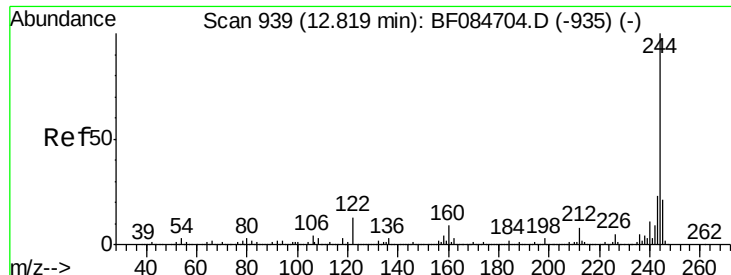


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

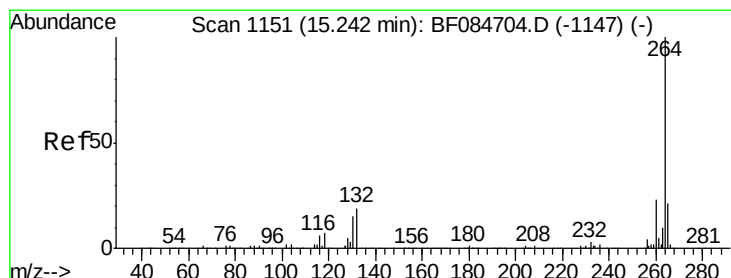
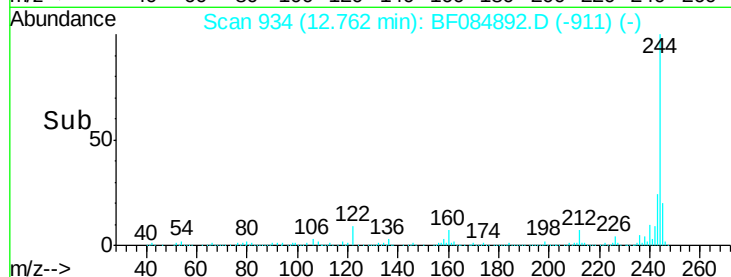
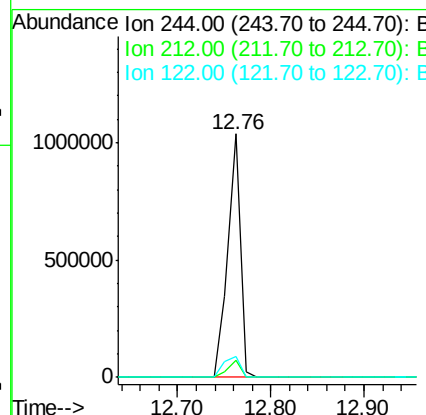
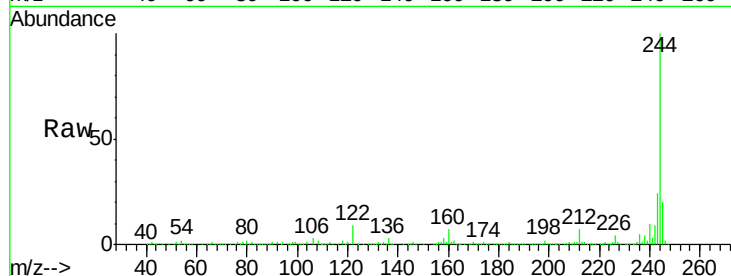




#78
 Terphenyl-d14
 Concen: 62.65 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084892.D
 Acq: 6 Feb 2016 6:13

Instrument :
 BNA_F
 ClientSampleId :
 S4-B013(25.5-27.5)

Tgt Ion:244 Resp: 970892
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.8 7.4 11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084892.D
 Acq: 6 Feb 2016 6:13

Tgt Ion:264 Resp: 318664
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.9 17.8 26.6

