

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084887.D
 Acq On : 6 Feb 2016 3:55
 Operator : SJ/IZ
 Sample : H1329-03 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B007(10-12)

Quant Time: Feb 06 04:30:05 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

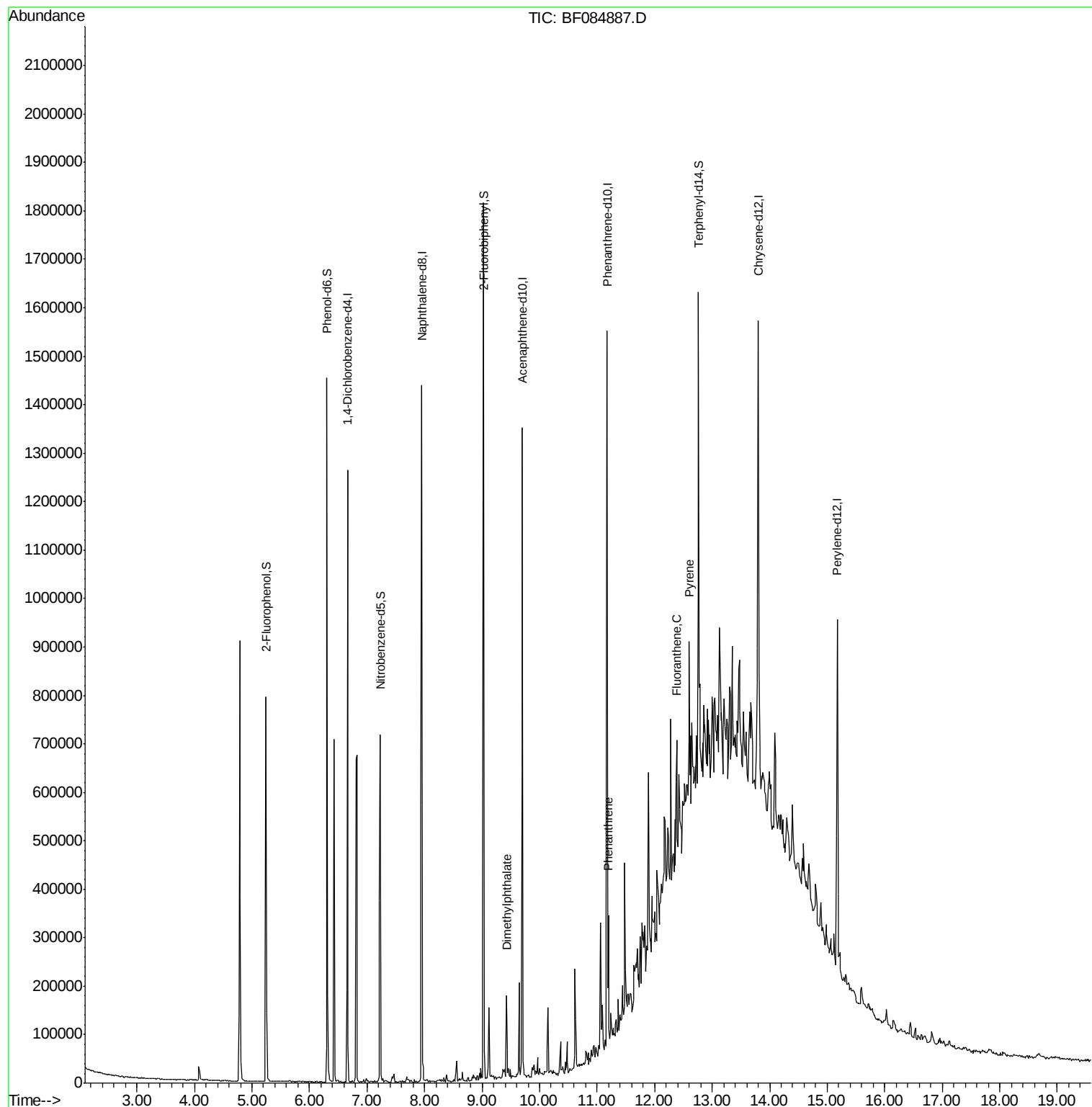
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	173296	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	700981	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	291918	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	501353	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	314545	20.00	ng	-0.03
86) Perylene-d12	15.17	264	317977	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	218045	19.60	ng	-0.03
7) Phenol-d6	6.30	99	425146	30.82	ng	-0.03
23) Nitrobenzene-d5	7.23	82	261667	21.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	4062	1.33	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	501443	22.57	ng	-0.03
78) Terphenyl-d14	12.76	244	329146	23.71	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.42	163	53553	2.41	ng	Qvalue # 90
70) Phenanthrene	11.20	178	89516	3.22	ng	98
74) Fluoranthene	12.39	202	84347	3.00	ng	93
77) Pyrene	12.60	202	75539	3.14	ng	97

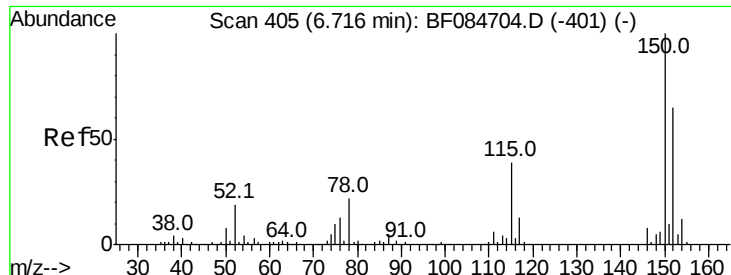
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084887.D

Acq: 6 Feb 2016 3:55

Instrument :

BNA_F

ClientSampleId :

S4-B007(10-12)

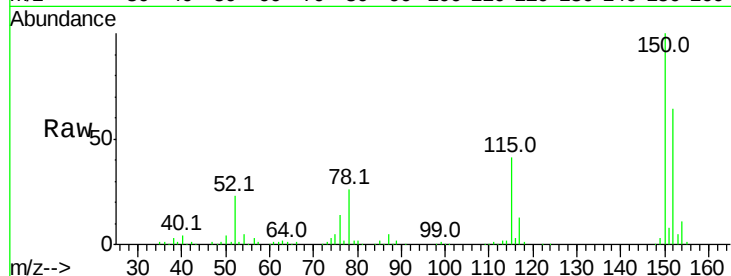
Tot Ion:152 Resp: 173296

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

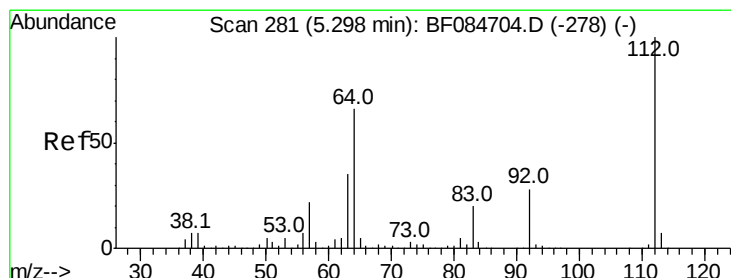
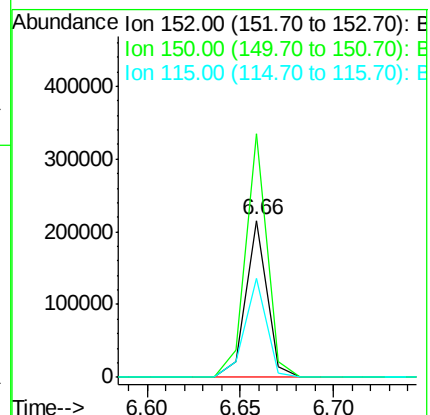
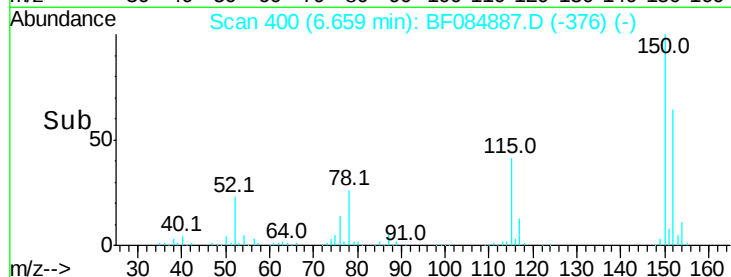
115 63.4 51.4 77.2



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: 19.60 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084887.D

Acq: 6 Feb 2016 3:55

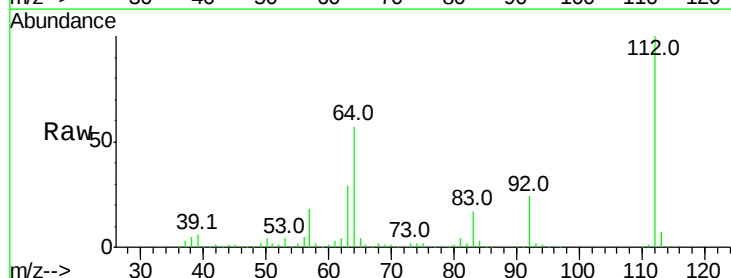
Tgt Ion:112 Resp: 218045

Ion Ratio Lower Upper

112 100

64 56.7 36.6 55.0#

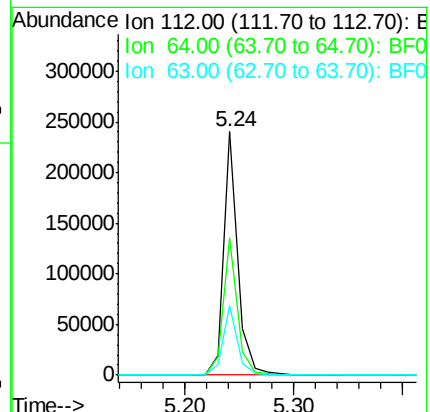
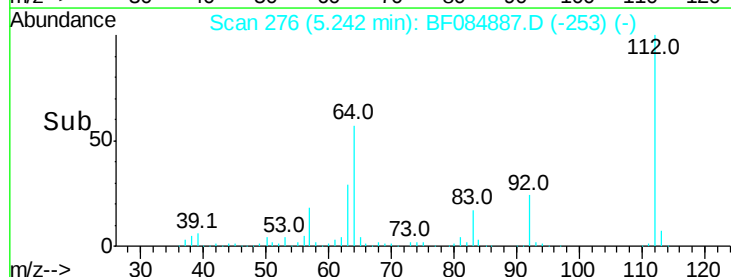
63 28.6 19.4 29.0

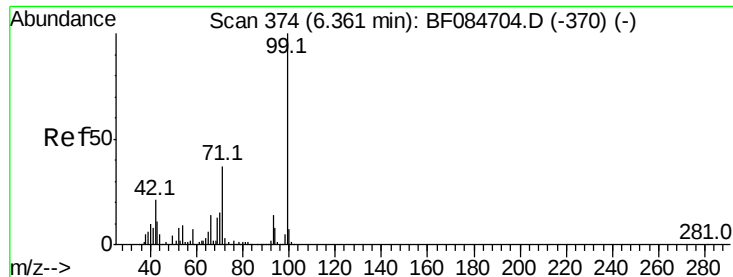


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.82 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084887.D

Acq: 6 Feb 2016 3:55

Instrument :

BNA_F

ClientSampleId :

S4-B007(10-12)

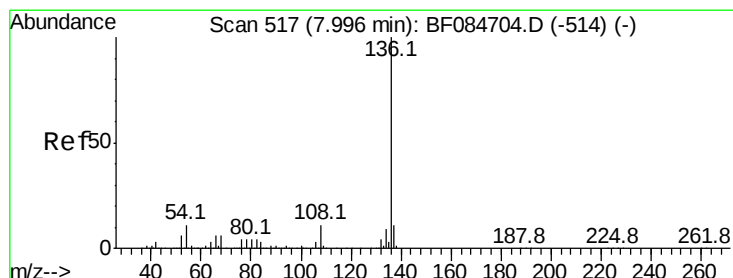
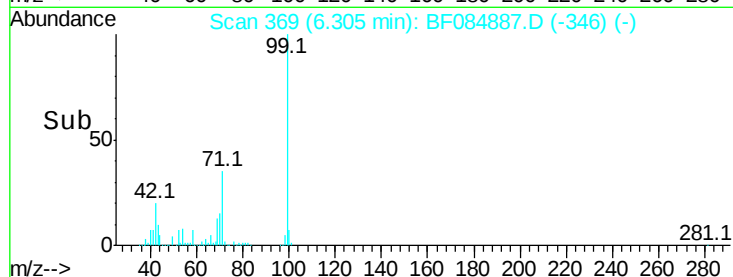
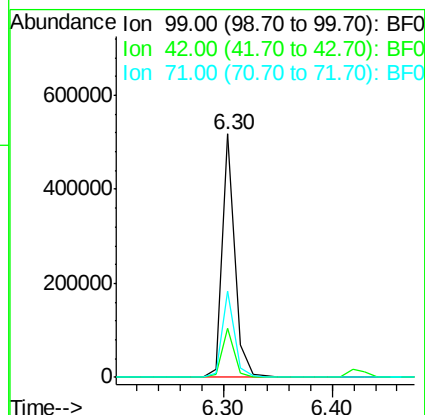
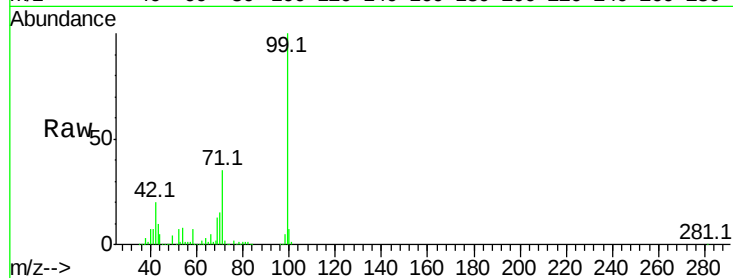
Tot Ion: 99 Resp: 425146

Ion Ratio Lower Upper

99 100

42 19.9 12.8 19.2#

71 35.2 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084887.D

Acq: 6 Feb 2016 3:55

Tgt Ion: 136 Resp: 700981

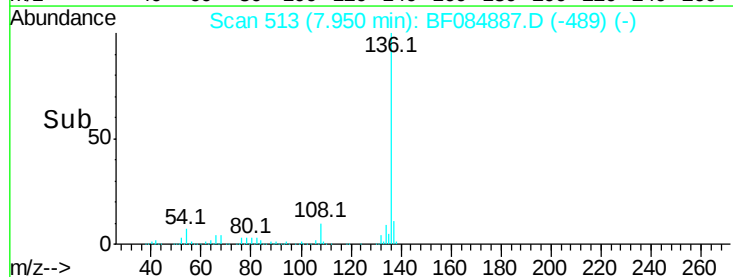
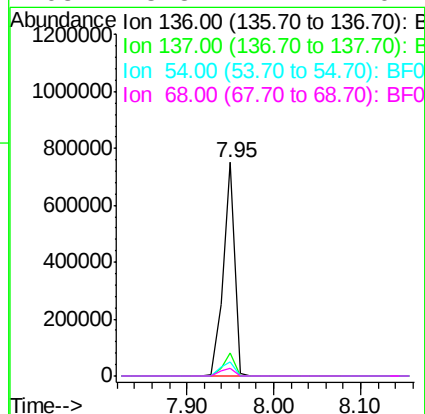
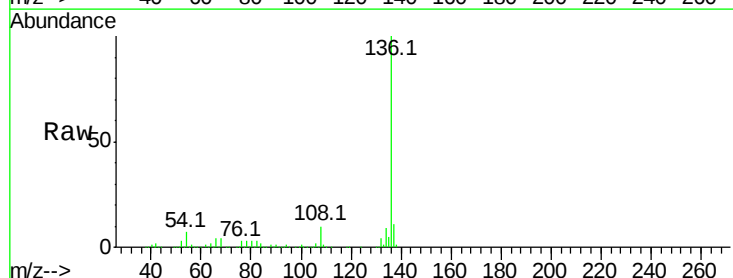
Ion Ratio Lower Upper

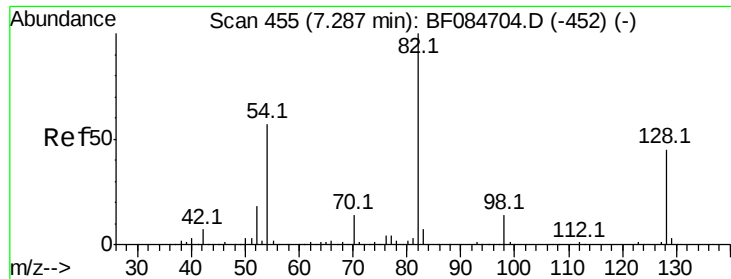
136 100

137 10.7 8.7 13.1

54 6.7 5.8 8.8

68 3.8 4.2 6.2#

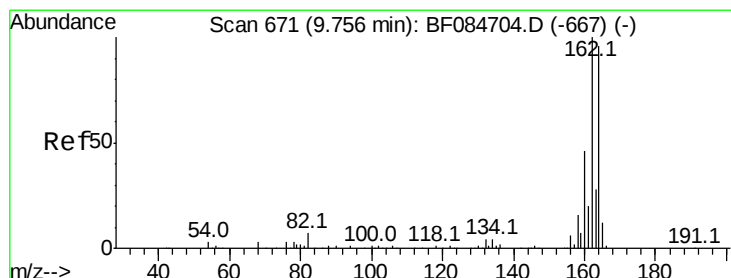
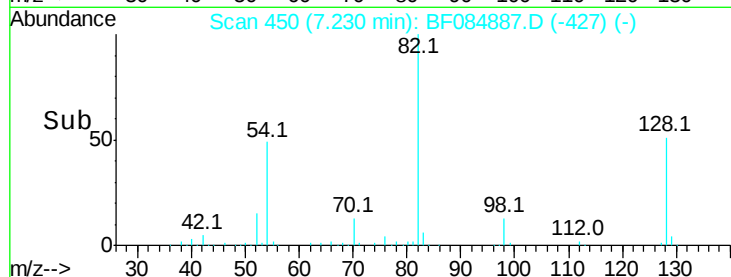
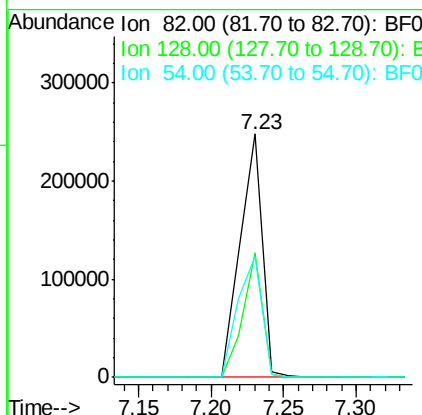
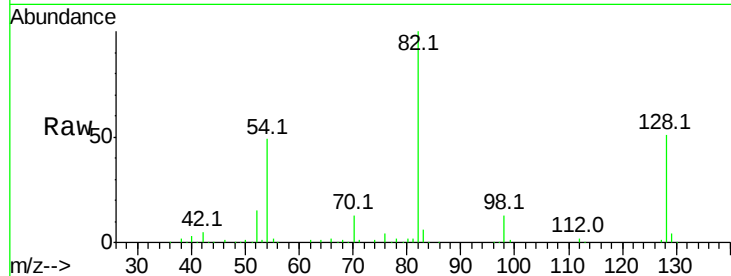




#23
Nitrobenzene-d5
Concen: 21.03 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084887.D
Acq: 6 Feb 2016 3:55

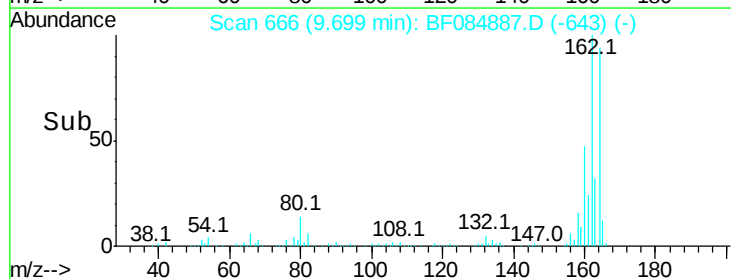
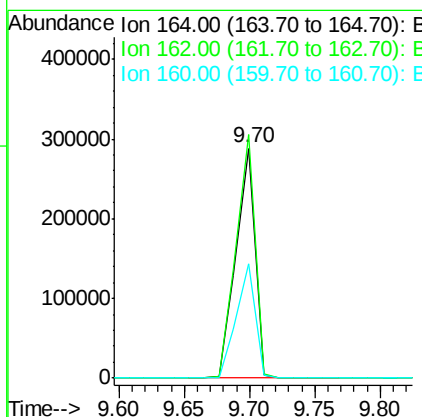
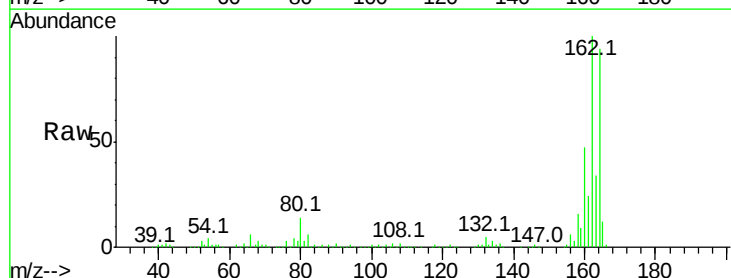
Instrument :
BNA_F
ClientSampleId :
S4-B007(10-12)

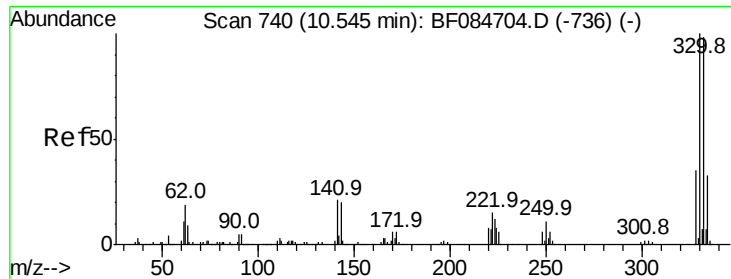
Tot Ion	82	Resp	261667
Ion Ratio	100	Lower	Upper
128	51.0	34.6	51.8
54	49.4	38.4	57.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084887.D
Acq: 6 Feb 2016 3:55

Tgt Ion	164	Resp	291918
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.8	85.1	127.7
160	49.6	37.5	56.3

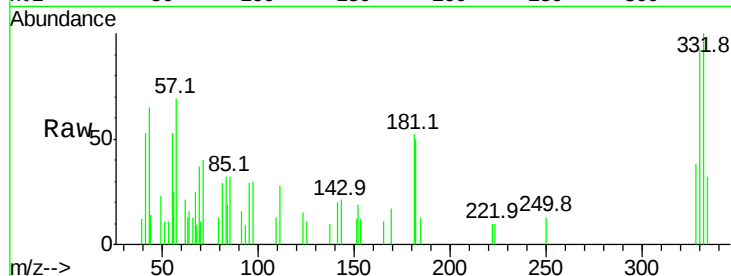




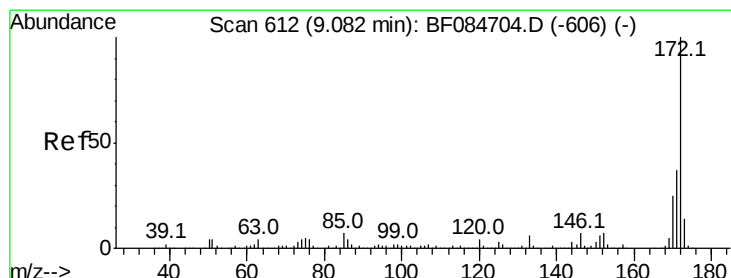
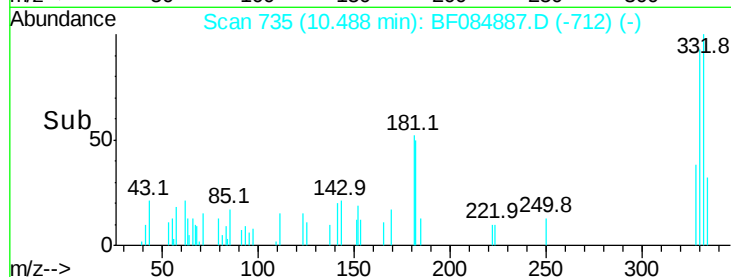
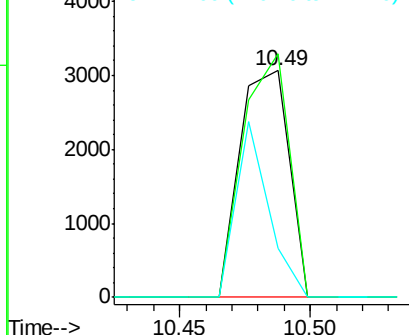
#41
 2,4,6-Tribromophenol
 Concen: 1.33 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084887.D
 Acq: 6 Feb 2016 3:55

Instrument :
 BNA_F
 ClientSampleId :
 S4-B007(10-12)

Tot Ion:330 Resp: 4062
 Ion Ratio Lower Upper
 330 100
 332 100.8 76.6 114.8
 141 51.2 27.8 41.6#

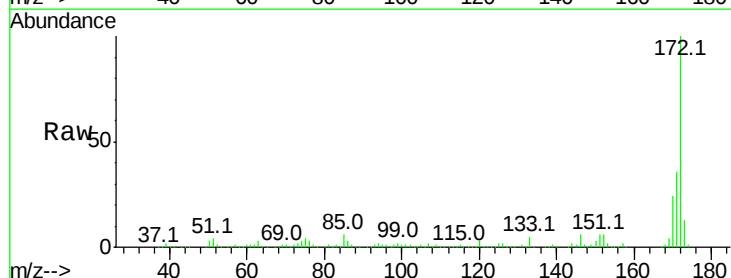


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

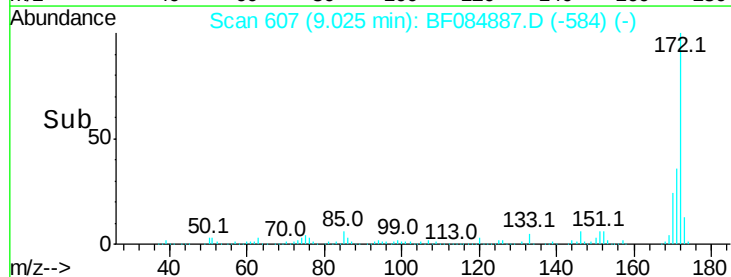
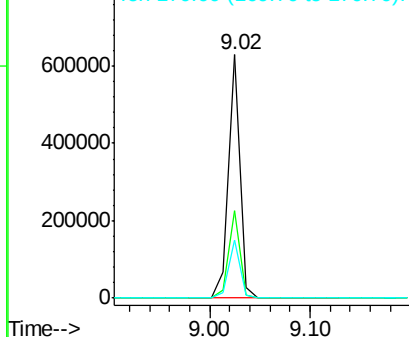


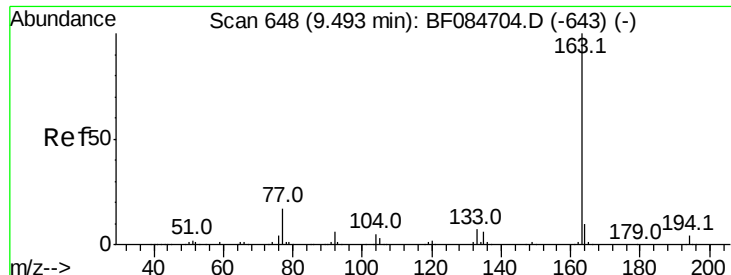
#44
 2-Fluorobiphenyl
 Concen: 22.57 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084887.D
 Acq: 6 Feb 2016 3:55

Tgt Ion:172 Resp: 501443
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.8 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: 2.41 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084887.D

Acq: 6 Feb 2016 3:55

Instrument :

BNA_F

ClientSampleId :

S4-B007(10-12)

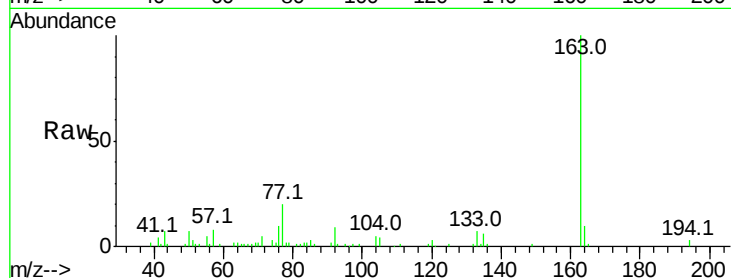
Tot Ion:163 Resp: 53553

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

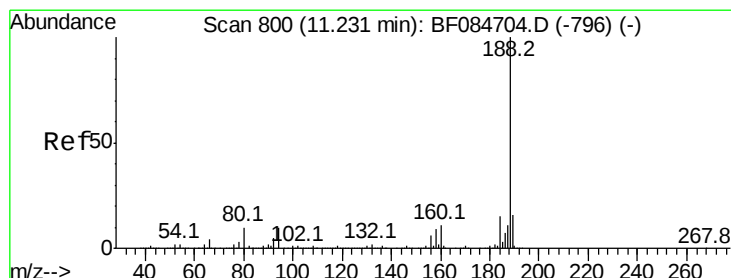
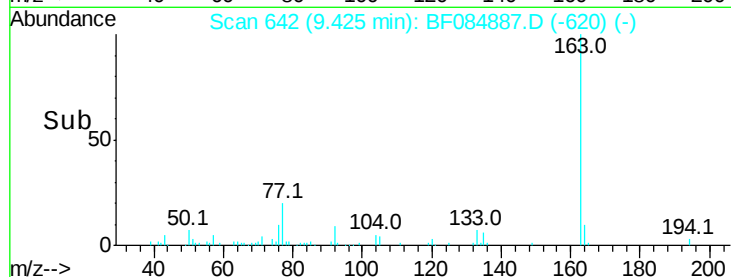
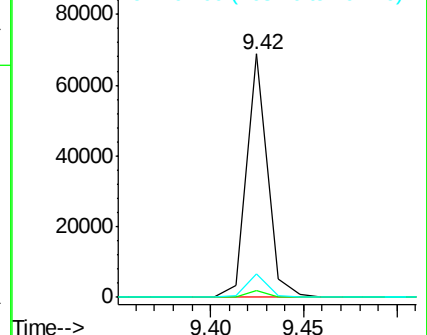
164 9.8 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084887.D

Acq: 6 Feb 2016 3:55

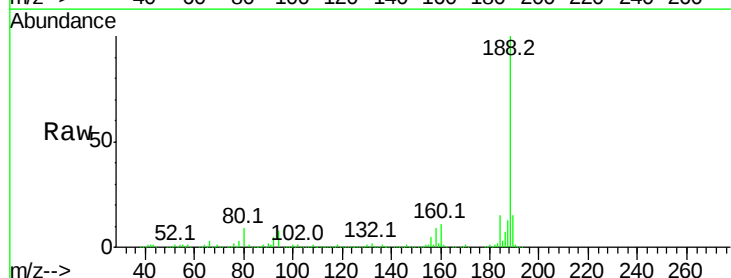
Tgt Ion:188 Resp: 501353

Ion Ratio Lower Upper

188 100

94 8.2 9.0 13.4#

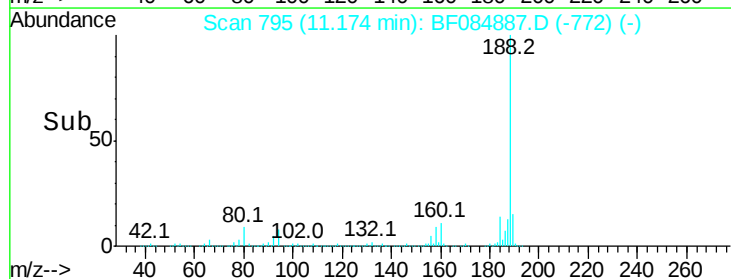
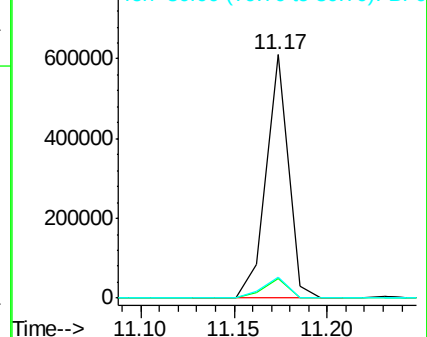
80 8.7 9.6 14.4#

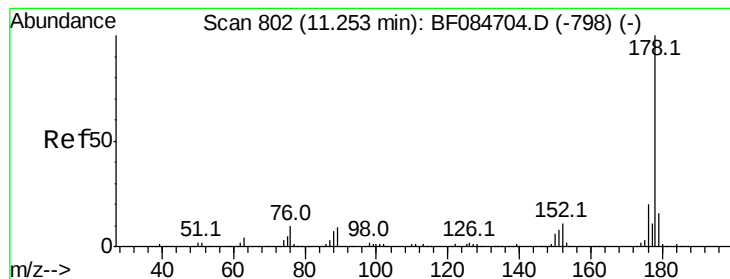


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 3.22 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084887.D

Acq: 6 Feb 2016 3:55

Instrument :

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ClientSampleId :

S4-B007(10-12)

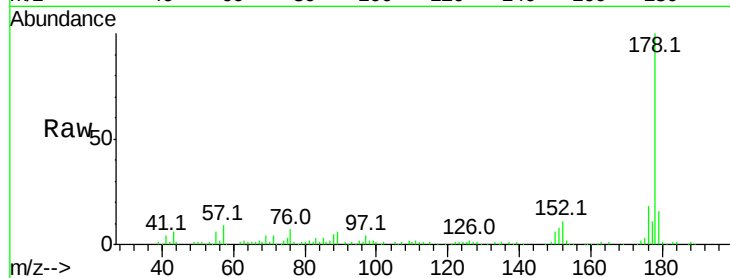
Tot Ion:178 Resp: 89516

Ion Ratio Lower Upper

178 100

176 18.1 15.3 22.9

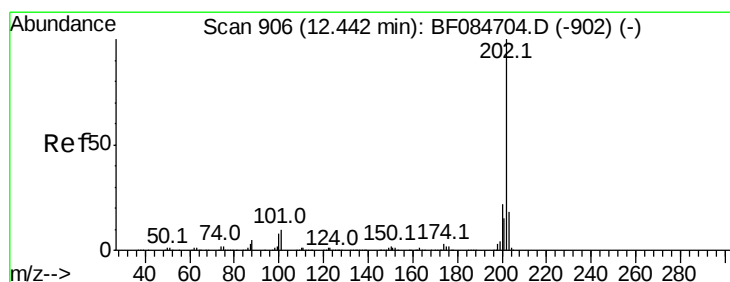
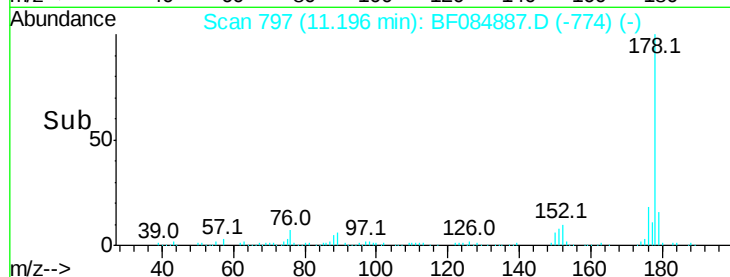
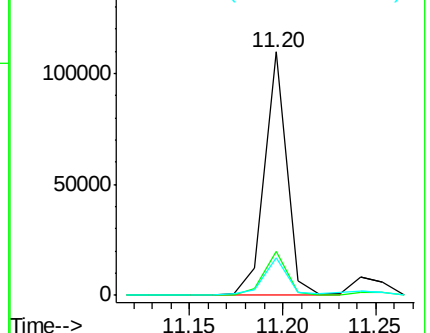
179 15.7 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.00 ng

RT: 12.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084887.D

Acq: 6 Feb 2016 3:55

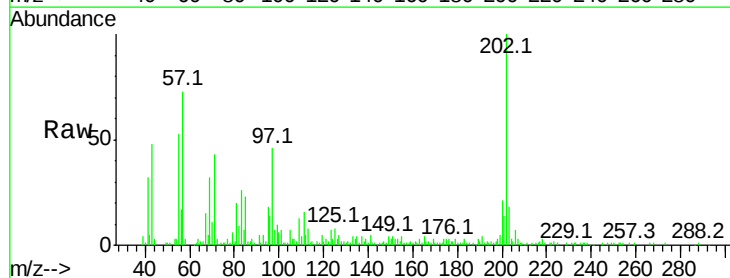
Tgt Ion:202 Resp: 84347

Ion Ratio Lower Upper

202 100

101 6.9 0.0 32.8

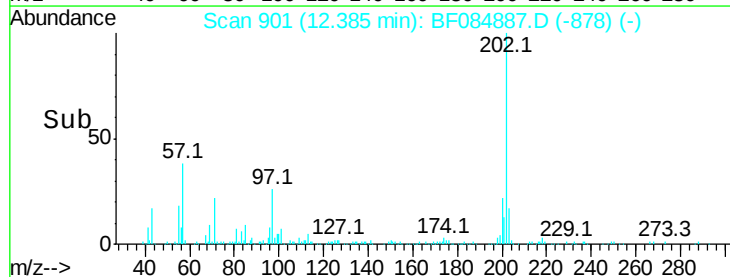
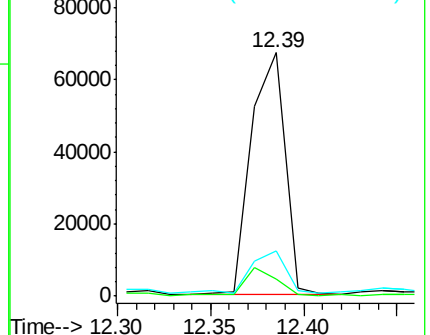
203 18.4 0.0 37.9

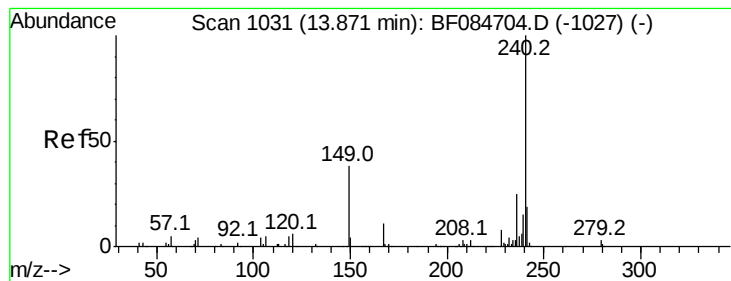


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084887.D

Acq: 6 Feb 2016 3:55

Instrument :

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S4-B007(10-12)

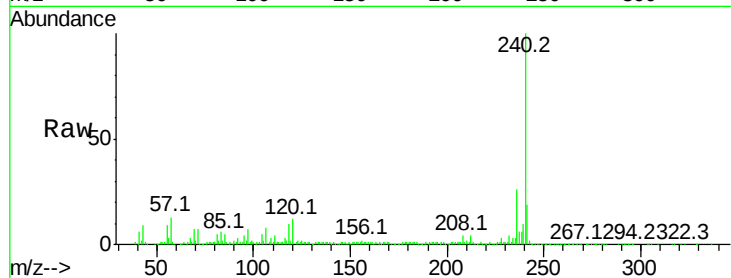
Tot Ion:240 Resp: 314545

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

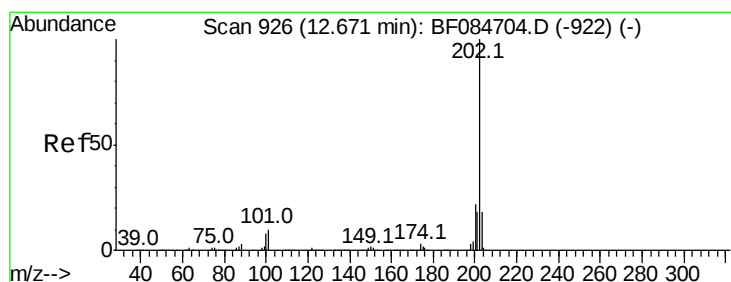
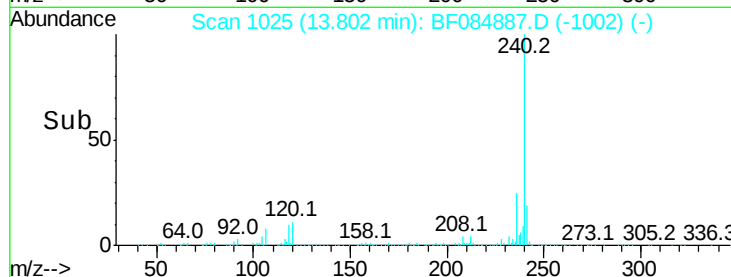
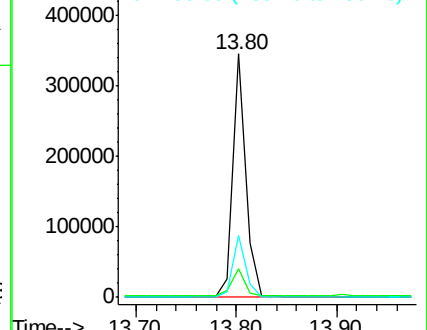
236 25.7 20.6 31.0



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



#77

Pyrene

Concen: 3.14 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084887.D

Acq: 6 Feb 2016 3:55

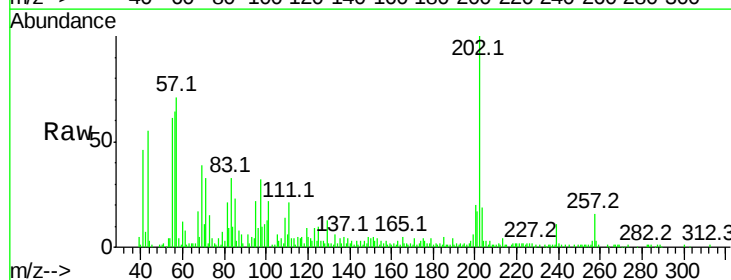
Tgt Ion:202 Resp: 75539

Ion Ratio Lower Upper

202 100

200 19.8 17.2 25.8

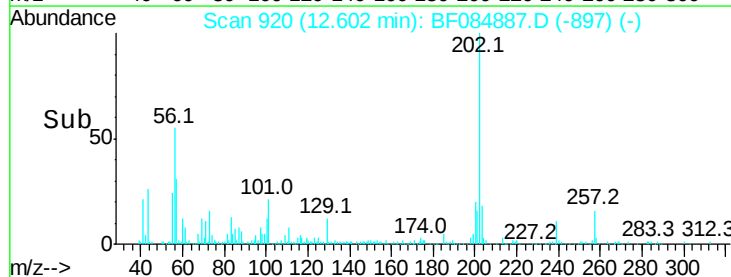
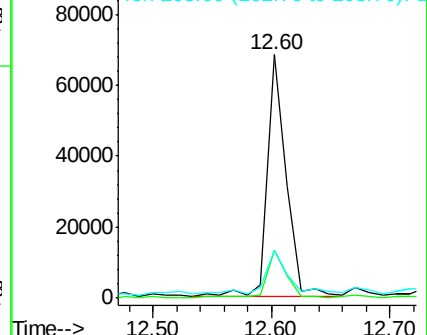
203 19.4 14.3 21.5

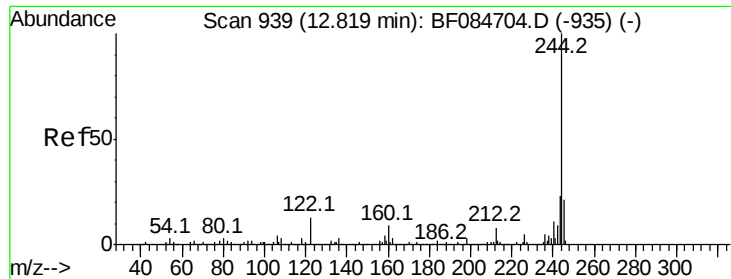


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 23.71 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084887.D

Acq: 6 Feb 2016 3:55

Instrument :

BNA_F

ClientSampleId :

S4-B007(10-12)

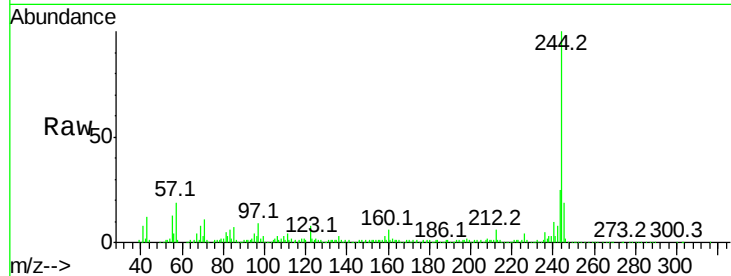
Tot Ion:244 Resp: 329146

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

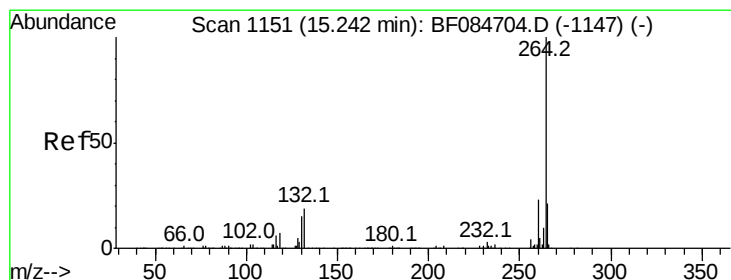
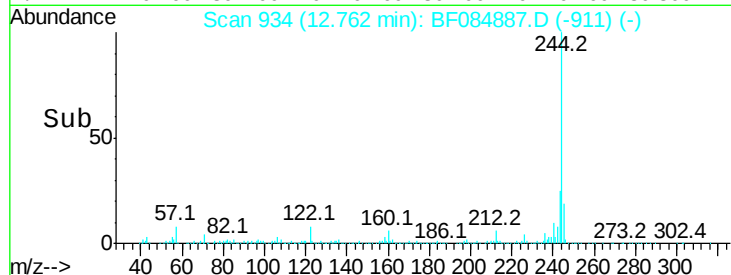
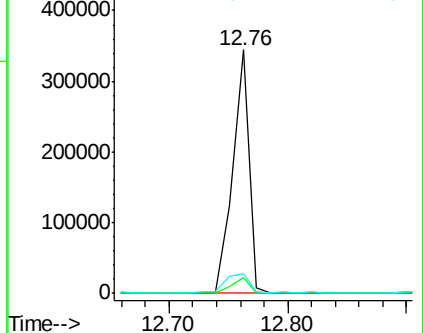
122 8.0 7.4 11.0



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: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084887.D

Acq: 6 Feb 2016 3:55

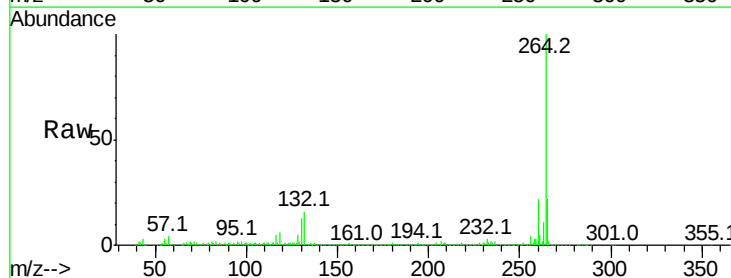
Tgt Ion:264 Resp: 317977

Ion Ratio Lower Upper

264 100

260 22.3 19.4 29.2

265 21.6 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

