

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081072.D
 Acq On : 19 Aug 2015 7:59
 Operator : UM/IZ
 Sample : G3289-09 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-5

Quant Time: Aug 19 12:47:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

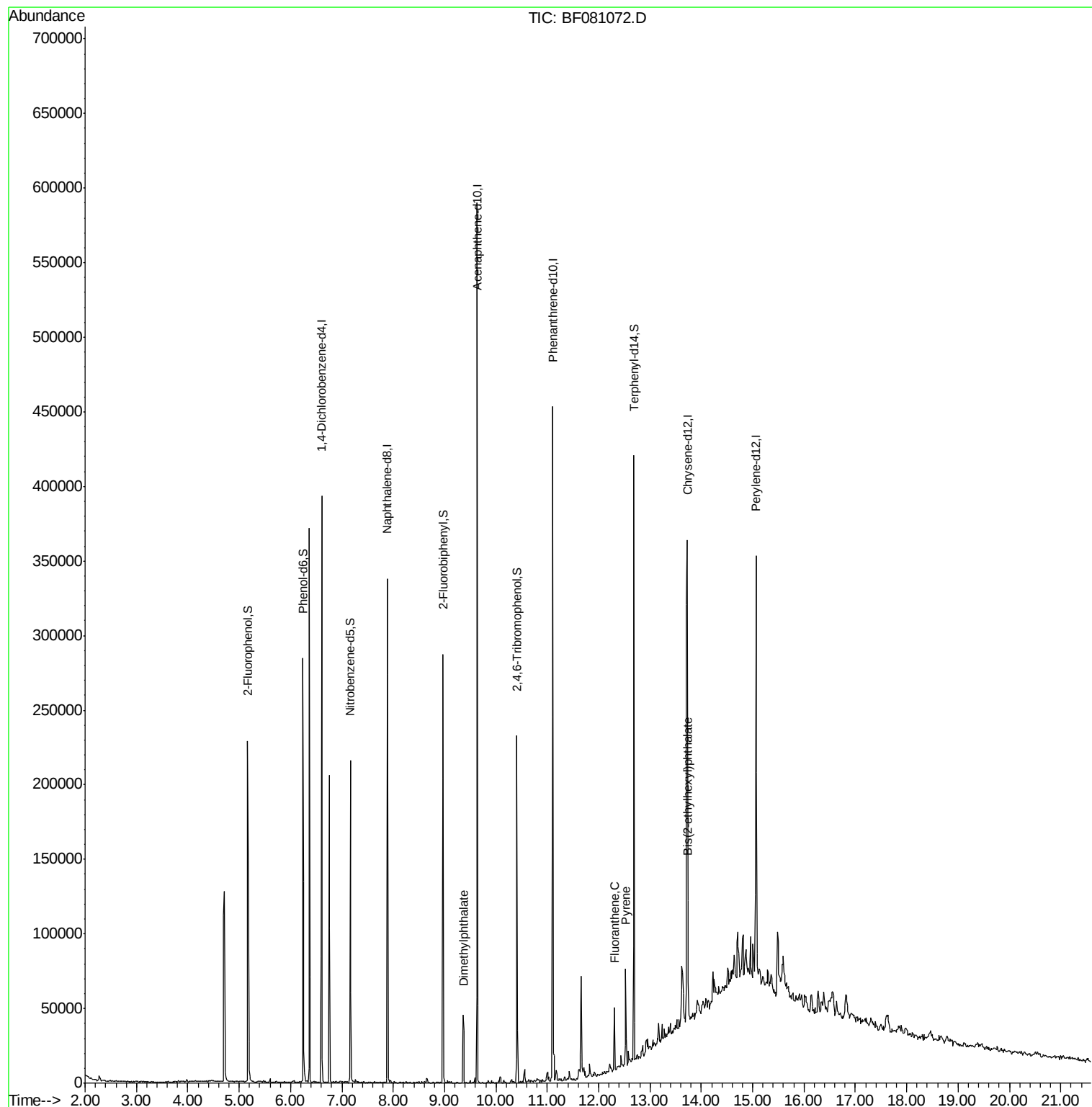
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53272	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	201301	20.00	ng	-0.02
38) Acenaphthene-d10	9.63	164	100848	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	194846	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	133936	20.00	ng	-0.02
86) Perylene-d12	15.06	264	116623	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	75003	21.18	ng	-0.02
7) Phenol-d6	6.24	99	105667	22.87	ng	-0.02
23) Nitrobenzene-d5	7.16	82	65384	14.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	17457	19.97	ng	-0.03
44) 2-Fluorobiphenyl	8.97	172	117386	15.25	ng	-0.02
78) Terphenyl-d14	12.69	244	112921	18.07	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.37	163	24599	2.96	ng	98
74) Fluoranthene	12.31	202	25947	2.08	ng	97
77) Pyrene	12.53	202	22149	2.03	ng	98
83) Bis(2-ethylhexyl)phthalate	13.74	149	18471	3.08	ng	98

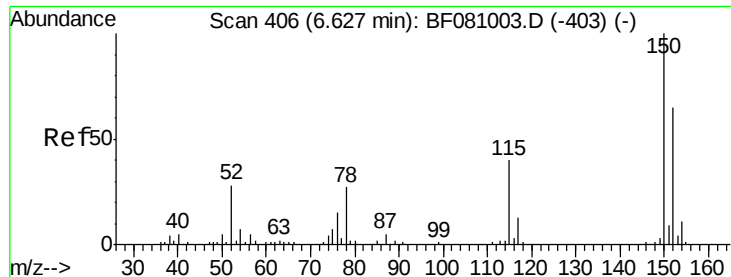
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081072.D

Acq: 19 Aug 2015 7:59

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-5

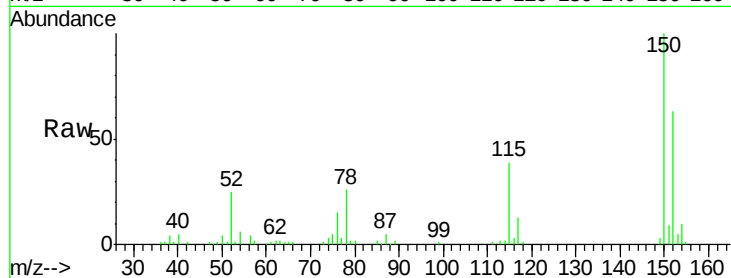
Tot Ion:152 Resp: 53272

Ion Ratio Lower Upper

152 100

150 158.3 123.8 185.6

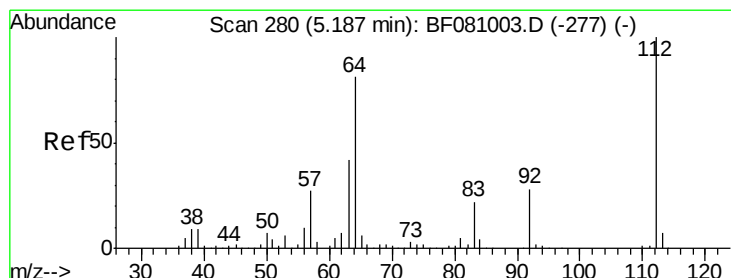
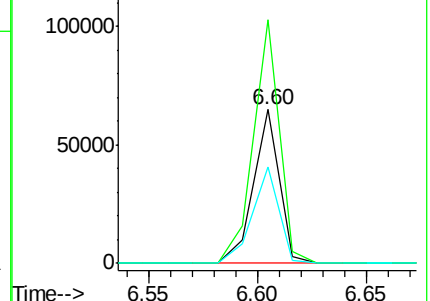
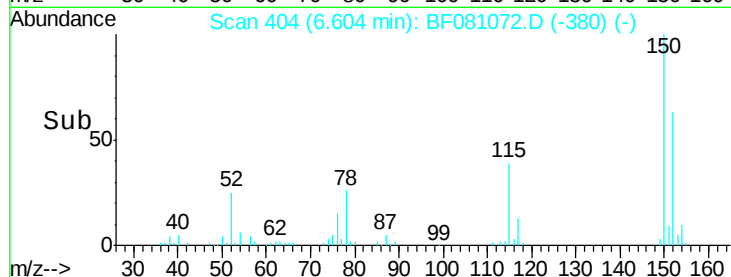
115 62.4 52.1 78.1



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: 21.18 ng

RT: 5.16 min Scan# 278

Delta R.T. -0.02 min

Lab File: BF081072.D

Acq: 19 Aug 2015 7:59

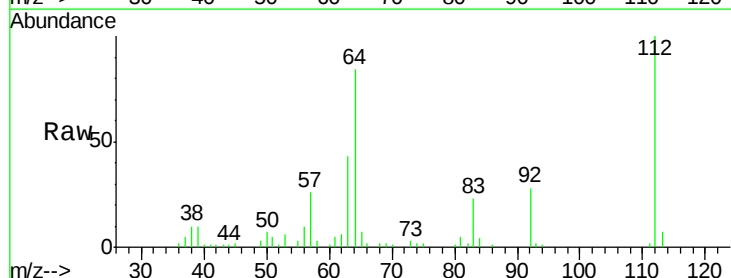
Tgt Ion:112 Resp: 75003

Ion Ratio Lower Upper

112 100

64 84.2 66.9 100.3

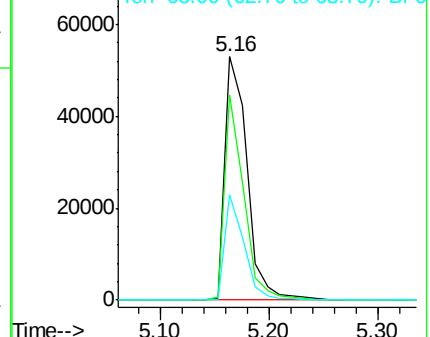
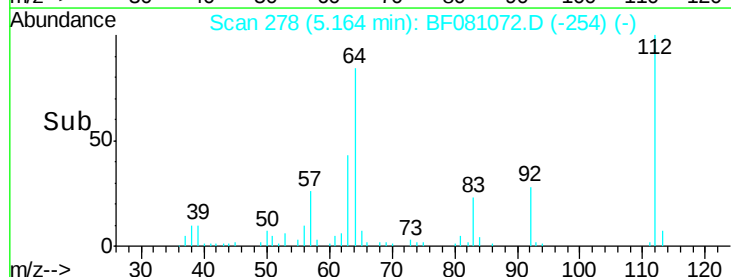
63 43.3 38.1 57.1

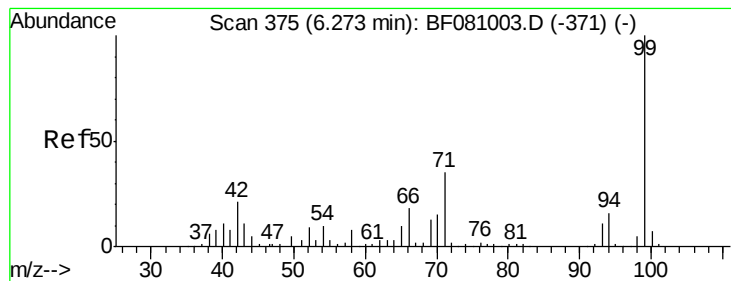


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.87 ng

RT: 6.24 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF081072.D

Acq: 19 Aug 2015 7:59

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-5

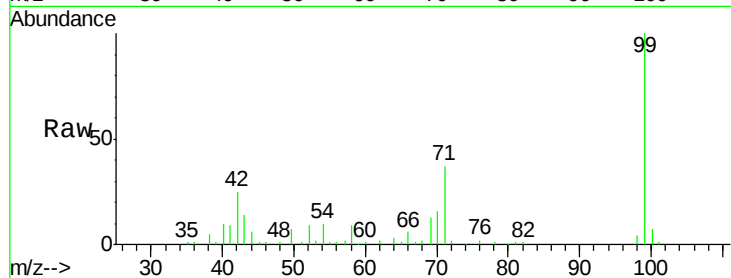
Tot Ion: 99 Resp: 105667

Ion Ratio Lower Upper

99 100

42 25.2 19.6 29.4

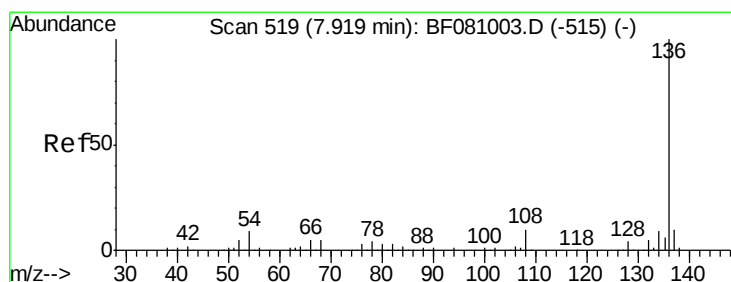
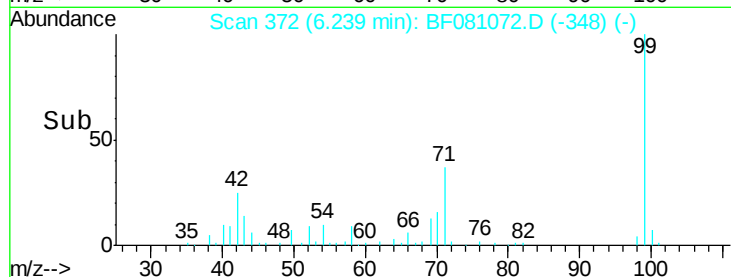
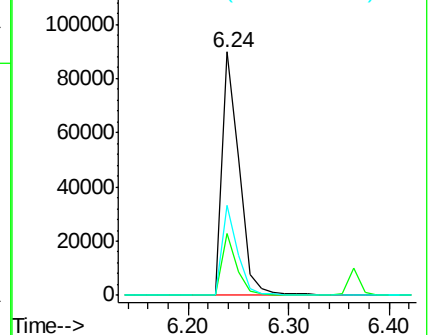
71 37.1 31.2 46.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF081072.D

Acq: 19 Aug 2015 7:59

Tgt Ion: 136 Resp: 201301

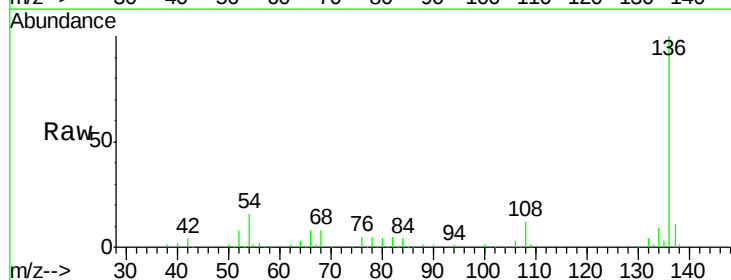
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.2

54 16.2 7.7 11.5#

68 7.7 3.4 5.2#

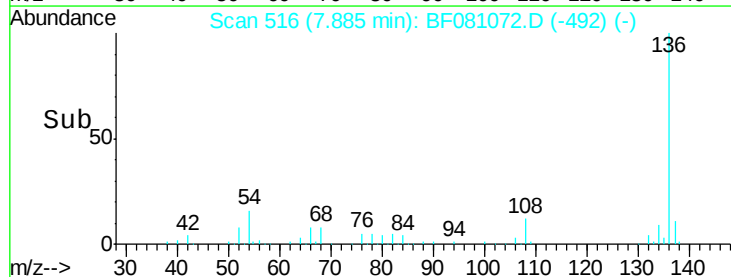
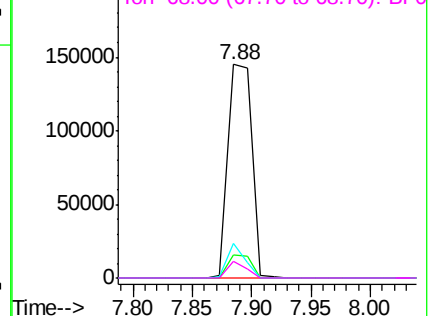


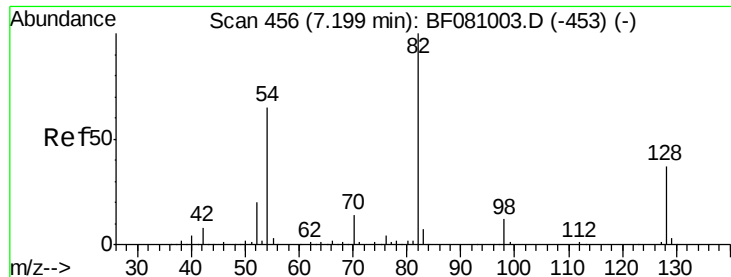
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

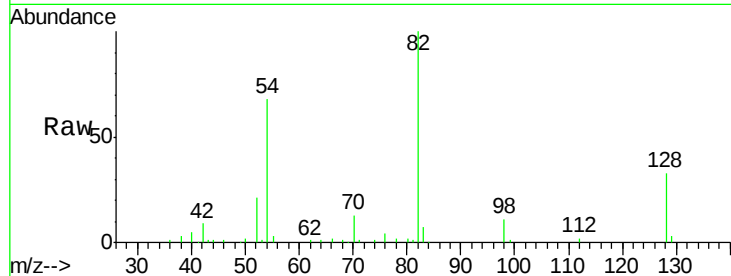




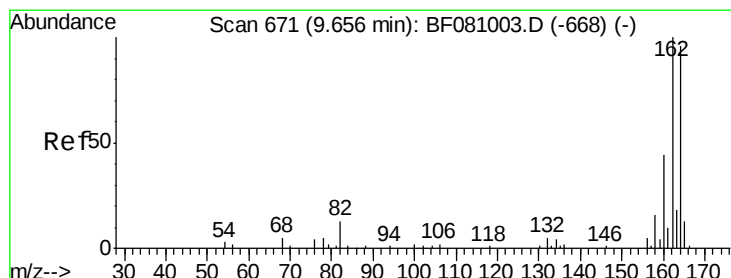
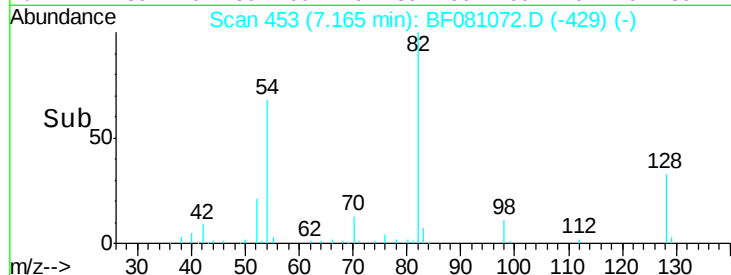
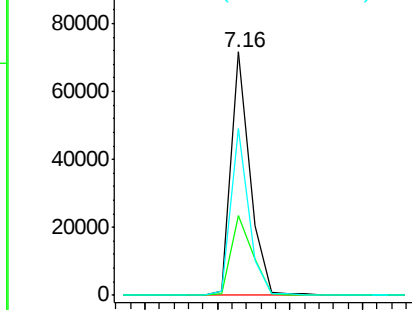
#23
 Nitrobenzene-d5
 Concen: 14.84 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF081072.D
 Acq: 19 Aug 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-5

Tot Ion	82	Resp	65384
Ion Ratio	Lower	Upper	
82	100		
128	32.5	28.6	42.8
54	68.4	55.1	82.7

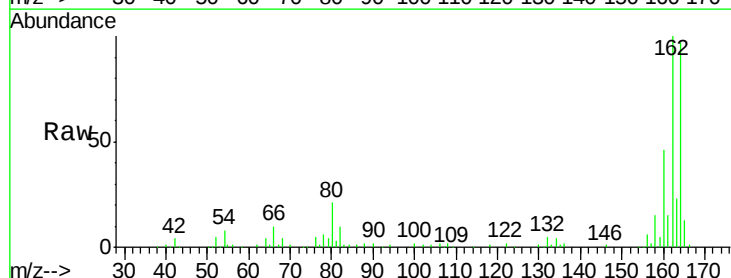


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

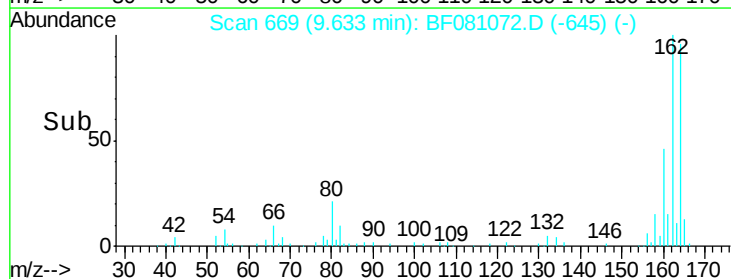
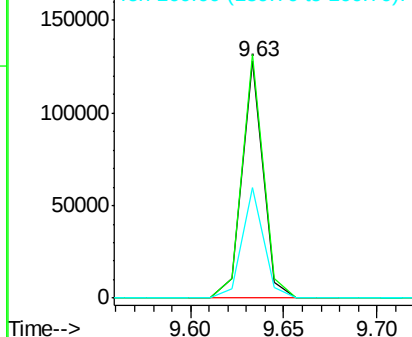


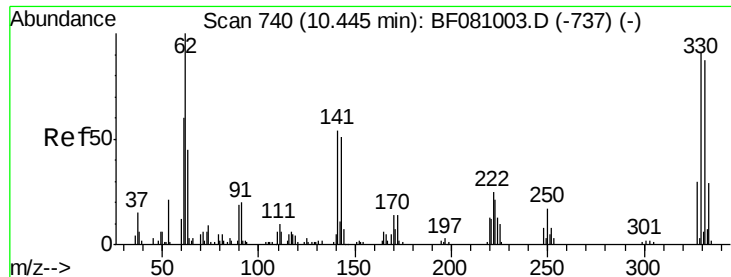
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF081072.D
 Acq: 19 Aug 2015 7:59

Tgt Ion	164	Resp	100848
Ion Ratio	Lower	Upper	
164	100		
162	102.8	83.8	125.8
160	46.8	39.8	59.8



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B





#41

2,4,6-Tribromophenol

Concen: 19.97 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF081072.D

Acq: 19 Aug 2015 7:59

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-5

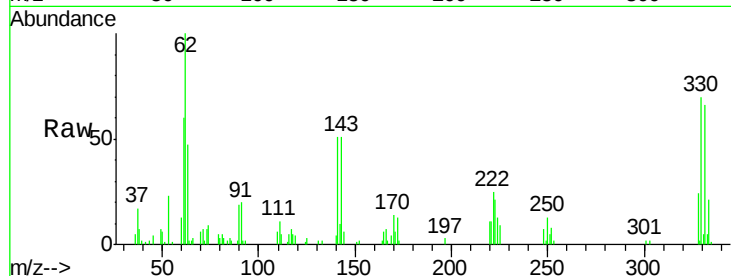
Tot Ion:330 Resp: 17457

Ion Ratio Lower Upper

330 100

332 94.2 77.3 115.9

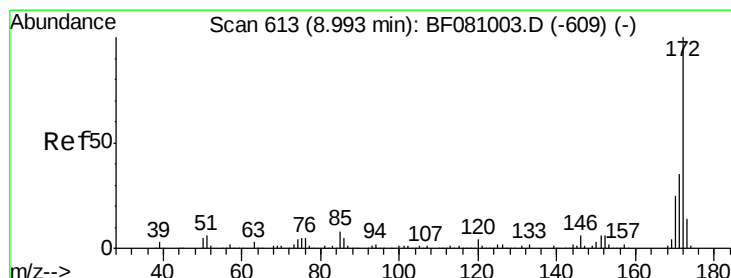
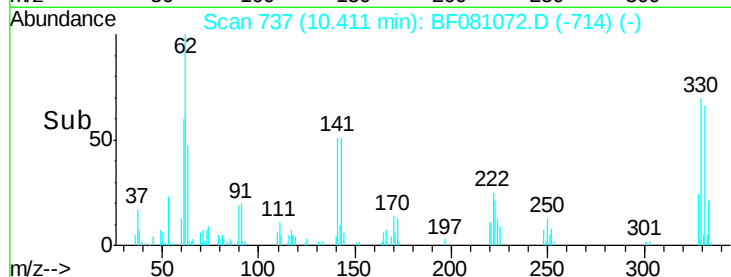
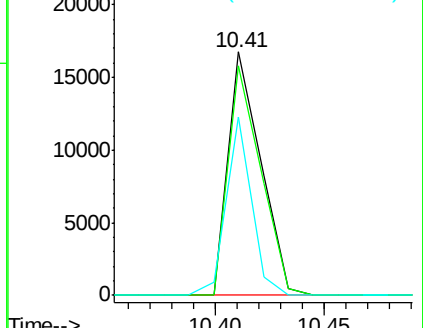
141 56.7 44.9 67.3



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: 15.25 ng

RT: 8.97 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF081072.D

Acq: 19 Aug 2015 7:59

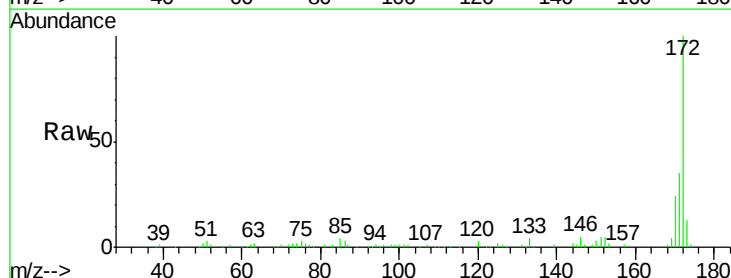
Tgt Ion:172 Resp: 117386

Ion Ratio Lower Upper

172 100

171 34.6 28.9 43.3

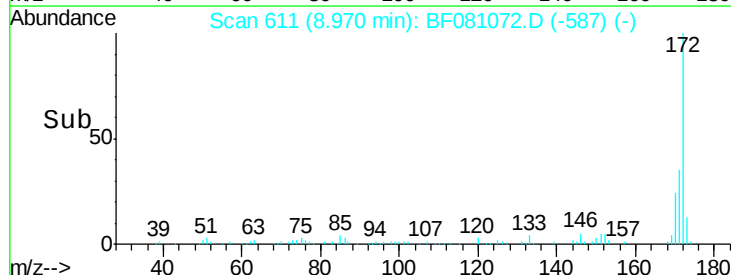
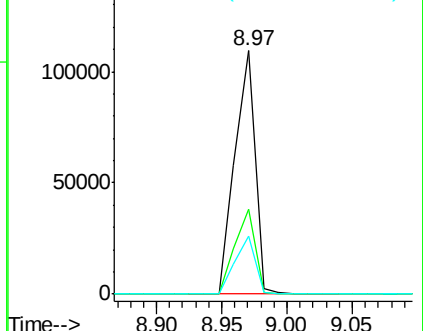
170 23.9 19.4 29.2

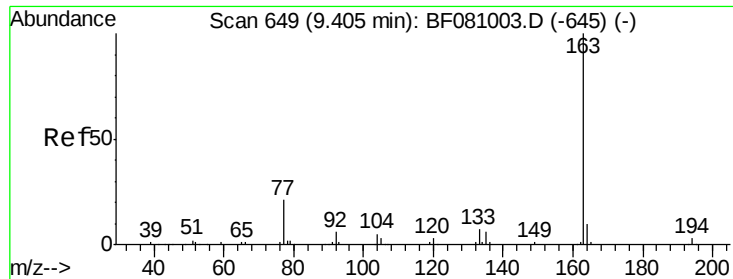


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

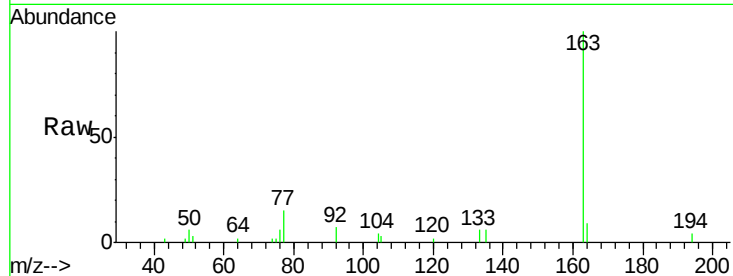




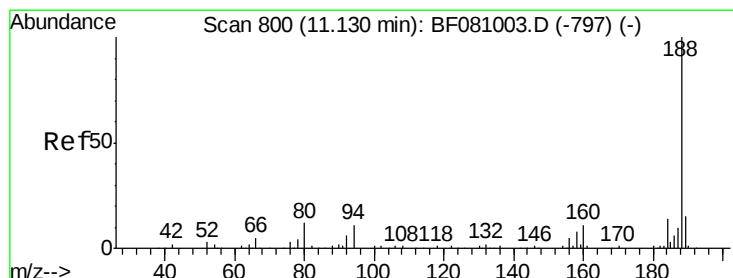
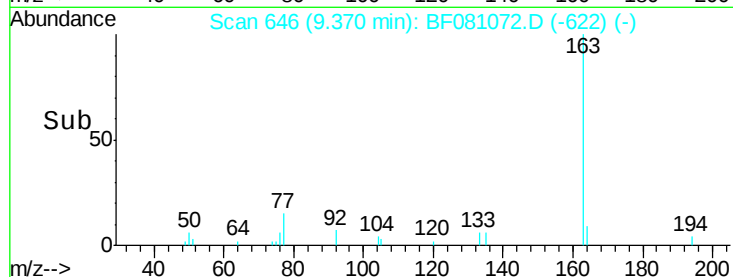
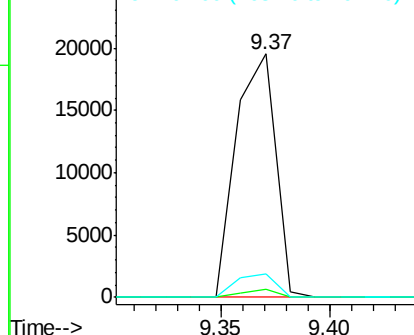
#49
Dimethylphthalate
Concen: 2.96 ng
RT: 9.37 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-5

Tot Ion:163 Resp: 24599
Ion Ratio Lower Upper
163 100
194 3.6 2.5 3.7
164 9.4 8.1 12.1

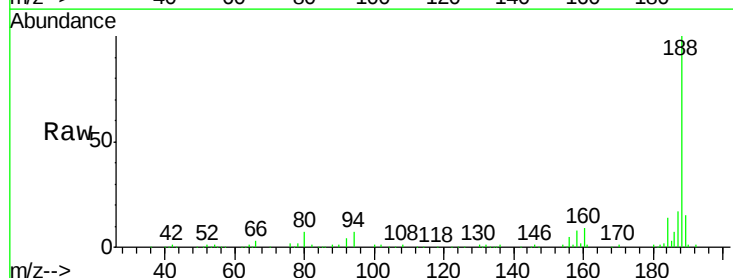


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

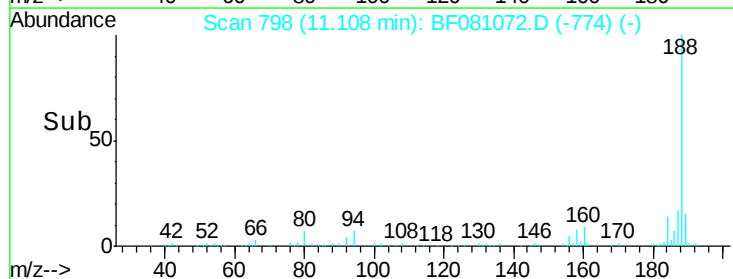
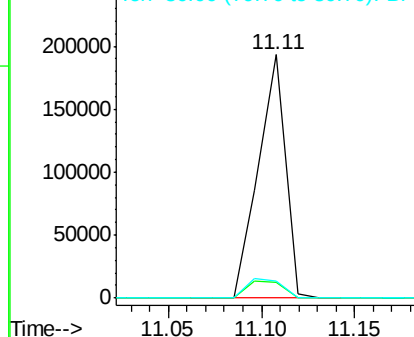


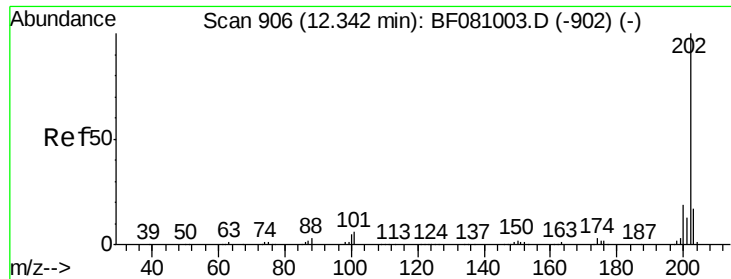
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

Tgt Ion:188 Resp: 194846
Ion Ratio Lower Upper
188 100
94 6.5 8.2 12.2#
80 6.9 9.5 14.3#



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





#74

Fluoranthene

Concen: 2.08 ng

RT: 12.31 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF081072.D

Acq: 19 Aug 2015 7:59

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-5

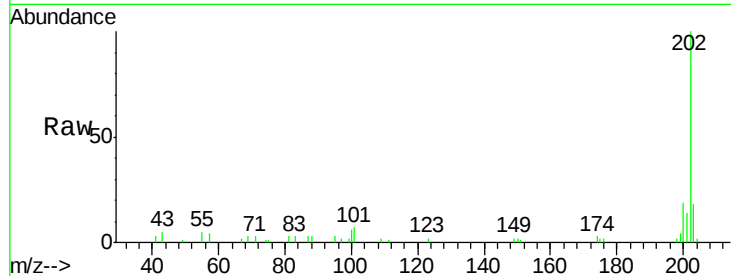
Tot Ion:202 Resp: 25947

Ion Ratio Lower Upper

202 100

101 6.9 0.0 24.8

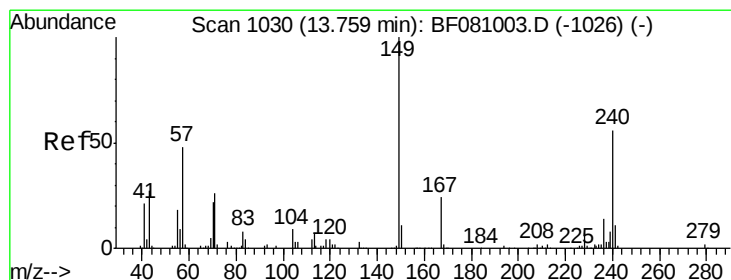
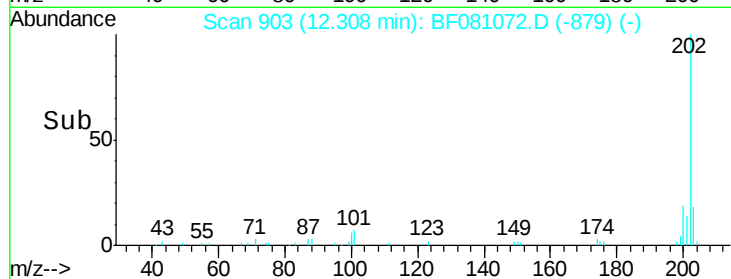
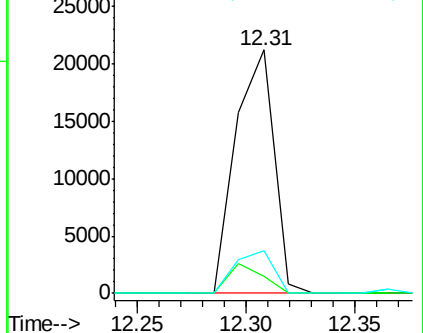
203 17.7 0.0 36.9



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: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081072.D

Acq: 19 Aug 2015 7:59

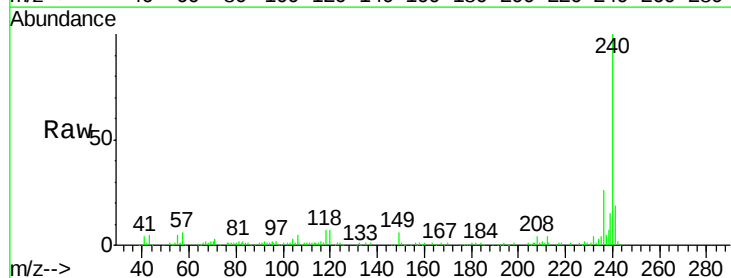
Tgt Ion:240 Resp: 133936

Ion Ratio Lower Upper

240 100

120 7.5 5.6 8.4

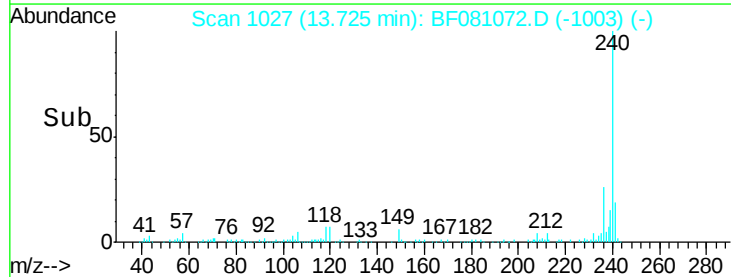
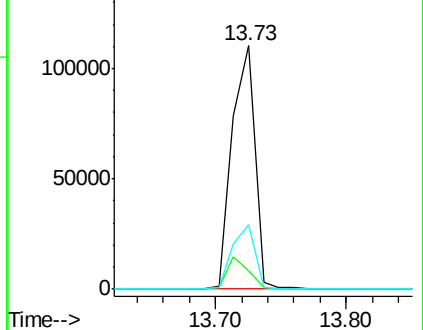
236 26.2 20.6 30.8

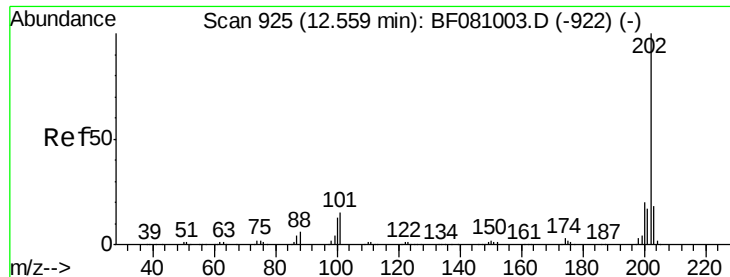


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.03 ng

RT: 12.53 min Scan# 922

Delta R.T. -0.03 min

Lab File: BF081072.D

Acq: 19 Aug 2015 7:59

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-5

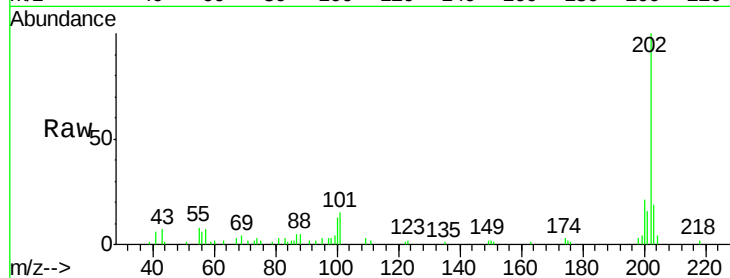
Tot Ion:202 Resp: 22149

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

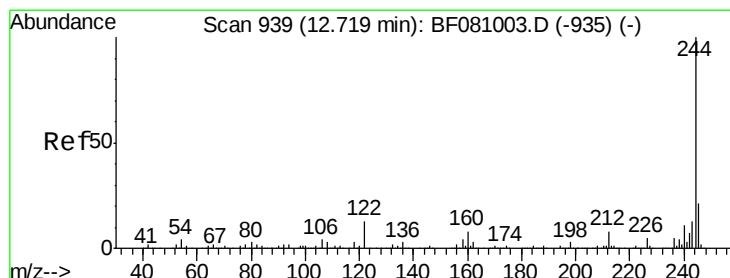
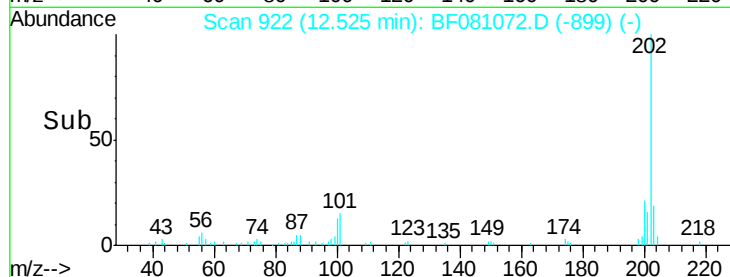
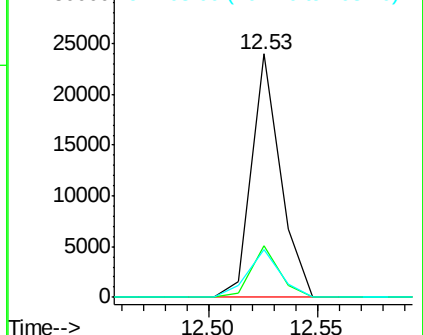
203 19.5 14.1 21.1



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: 18.07 ng

RT: 12.69 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF081072.D

Acq: 19 Aug 2015 7:59

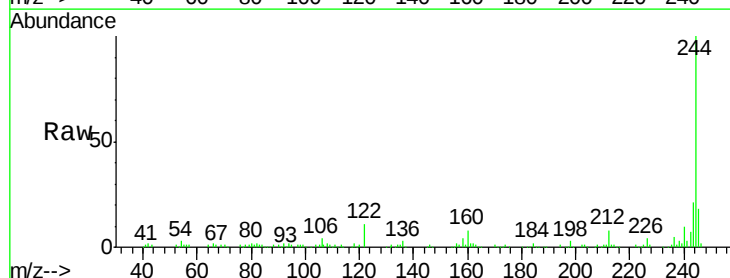
Tgt Ion:244 Resp: 112921

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

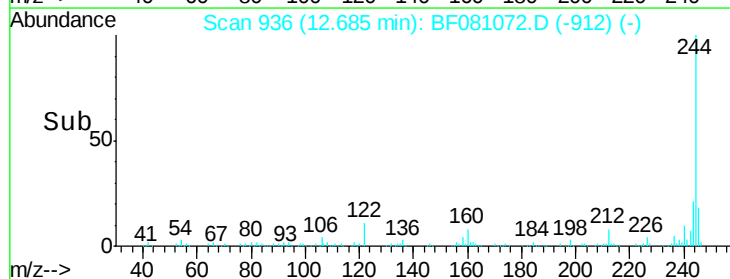
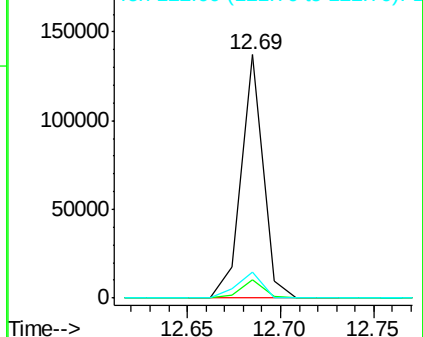
122 10.8 8.2 12.4

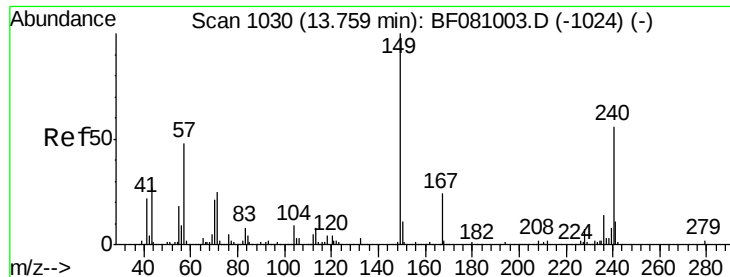


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.08 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081072.D

Acq: 19 Aug 2015 7:59

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-5

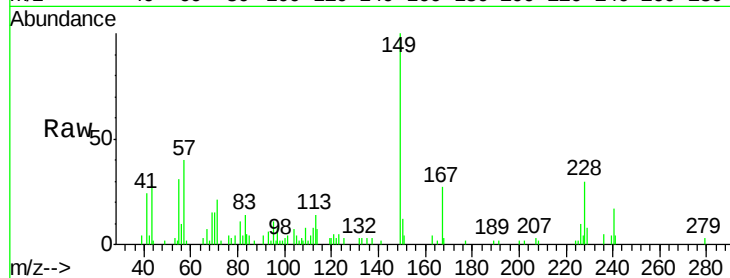
Tot Ion:149 Resp: 18471

Ion Ratio Lower Upper

149 100

167 27.1 20.7 31.1

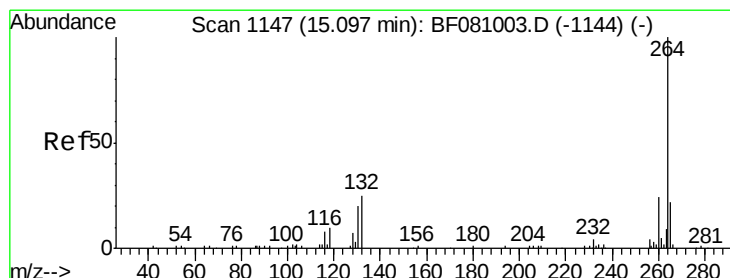
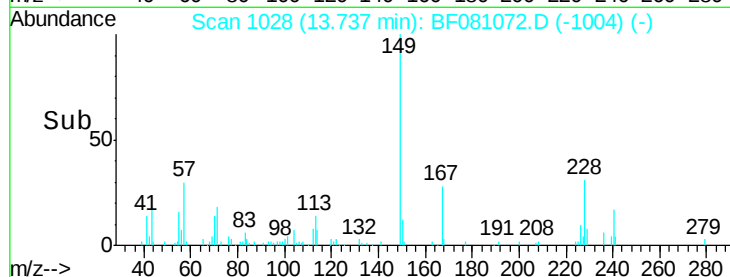
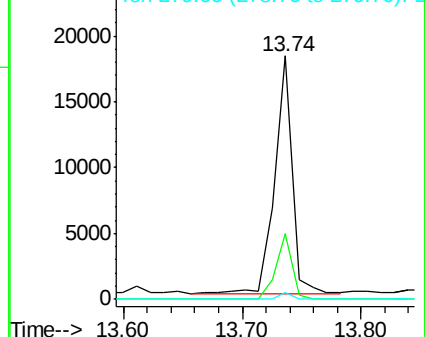
279 3.0 2.2 3.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1144

Delta R.T. -0.03 min

Lab File: BF081072.D

Acq: 19 Aug 2015 7:59

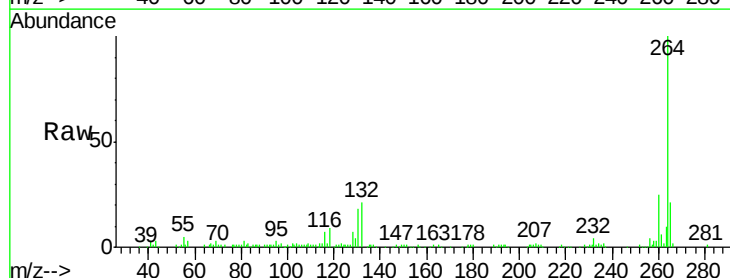
Tgt Ion:264 Resp: 116623

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 21.4 17.5 26.3



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

