

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086894.D
 Acq On : 11 May 2016 11:33
 Operator : UM/SJ
 Sample : H2762-04DL3 200X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMPDL3

Quant Time: May 11 13:46:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

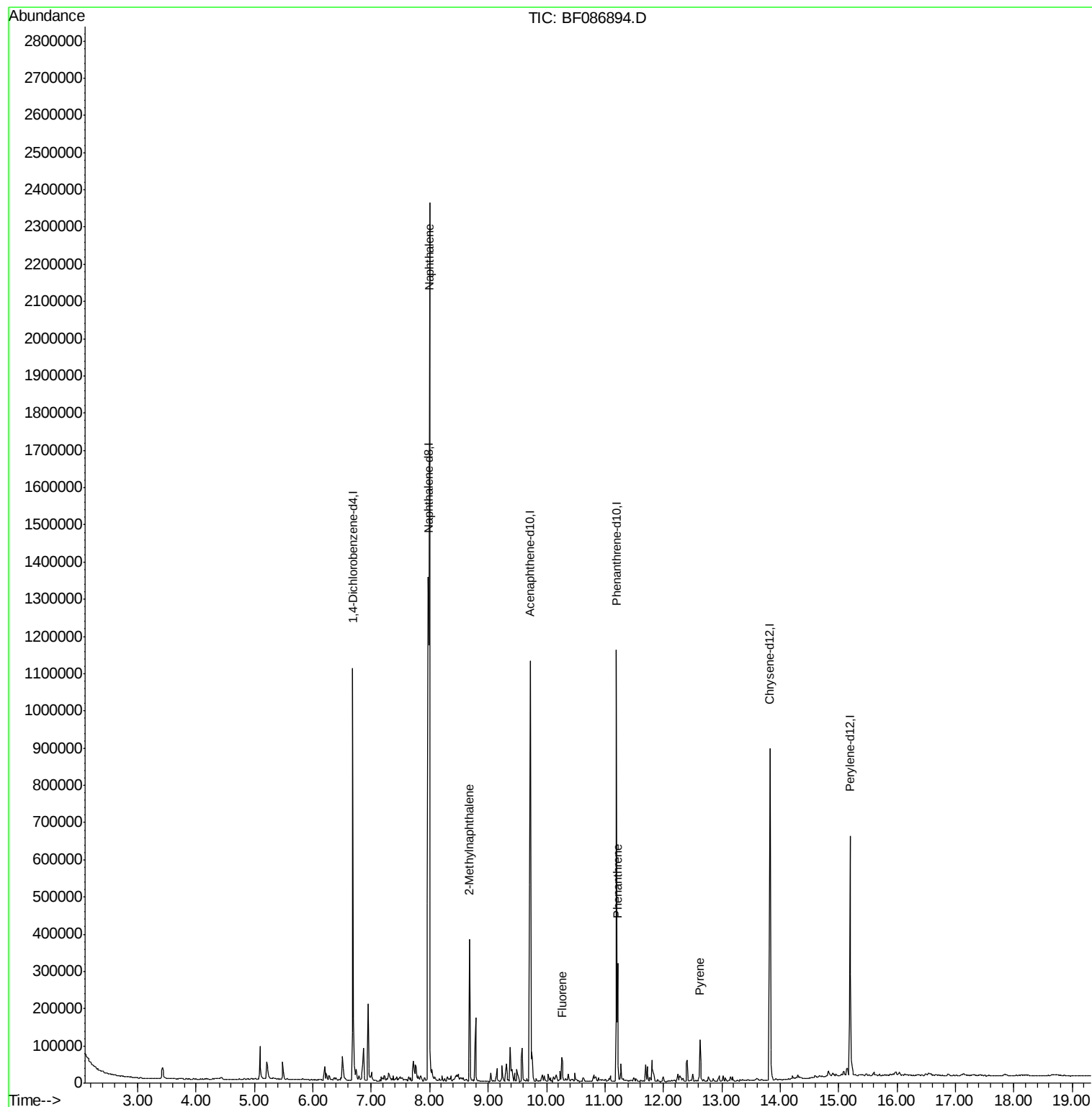
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	150759	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	592921	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	240646	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	392069	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	319205	20.00	ng	-0.01
86) Perylene-d12	15.20	264	278876	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2290	0.26	ng	0.03
7) Phenol-d6	6.38	99	4054	0.34	ng	0.02
23) Nitrobenzene-d5	7.26	82	2750	0.23	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	310	0.12	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	8535	0.60	ng	-0.01
78) Terphenyl-d14	12.77	244	5427	0.36	ng	-0.02
Target Compounds						
31) Naphthalene	8.00	128	1133218	38.16	ng	99
37) 2-Methylnaphthalene	8.68	142	97950	5.64	ng	98
57) Fluorene	10.27	166	31196	2.08	ng	99
70) Phenanthrene	11.22	178	109693	5.24	ng	98
77) Pyrene	12.63	202	54795	2.24	ng	98

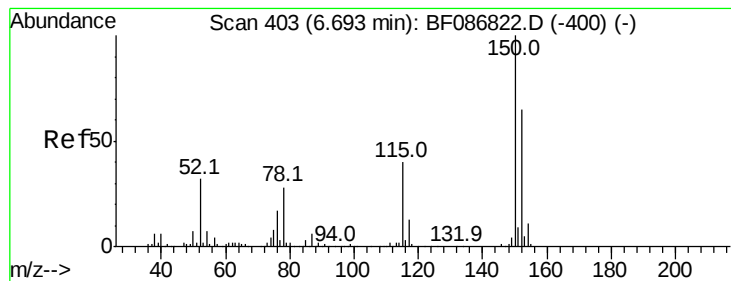
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMPDL3

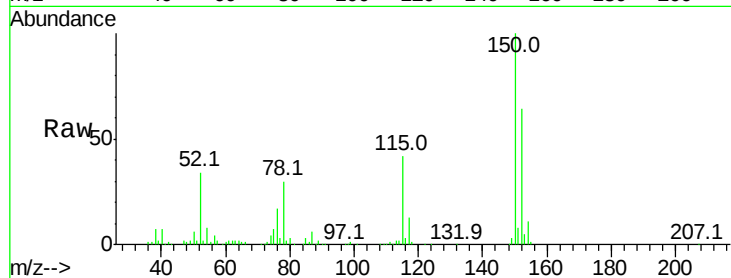
Tot Ion:152 Resp: 150759

Ion Ratio Lower Upper

152 100

150 156.0 125.8 188.6

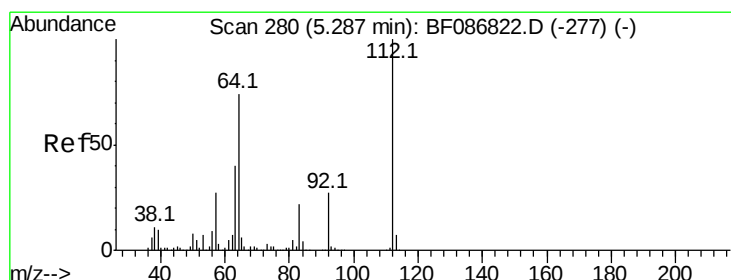
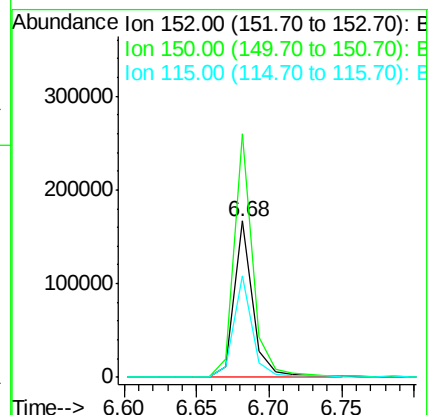
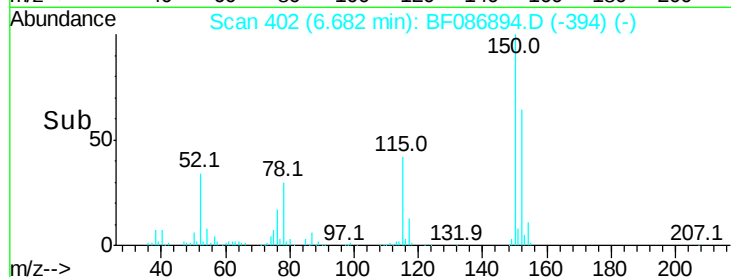
115 65.3 51.5 77.3



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: 0.26 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.03 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

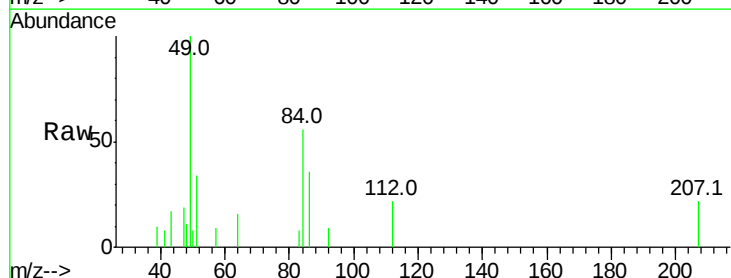
Tgt Ion:112 Resp: 2290

Ion Ratio Lower Upper

112 100

64 75.2 52.1 78.1

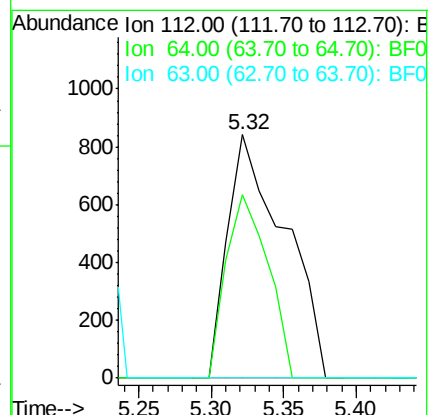
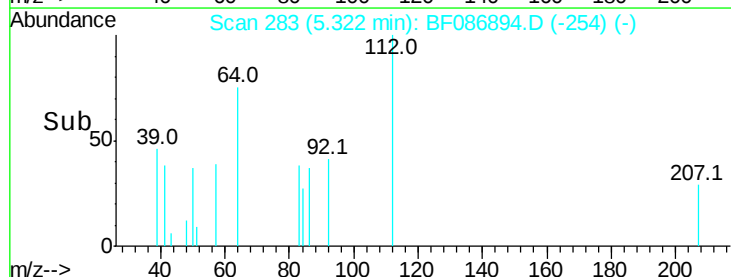
63 0.0 25.7 38.5#

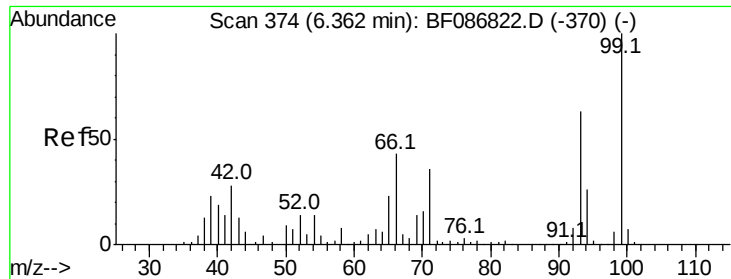


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.34 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.02 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMPDL3

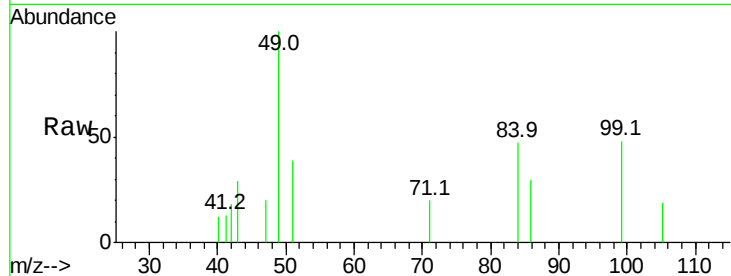
Tot Ion: 99 Resp: 4054

Ion Ratio Lower Upper

99 100

42 37.6 13.6 20.4#

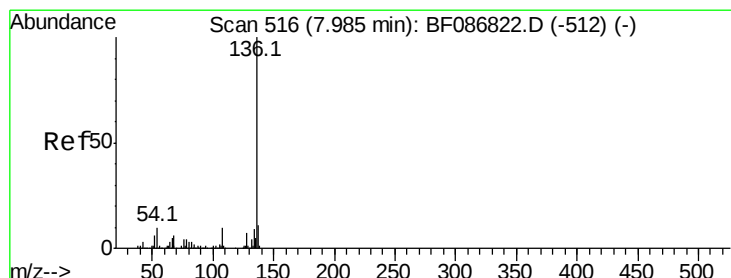
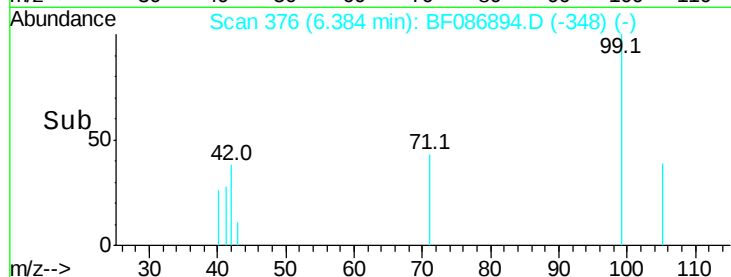
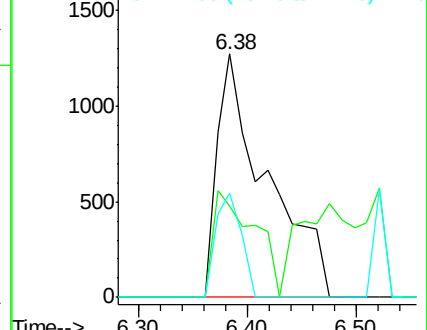
71 42.7 24.6 36.8#



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: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

Tgt Ion: 136 Resp: 592921

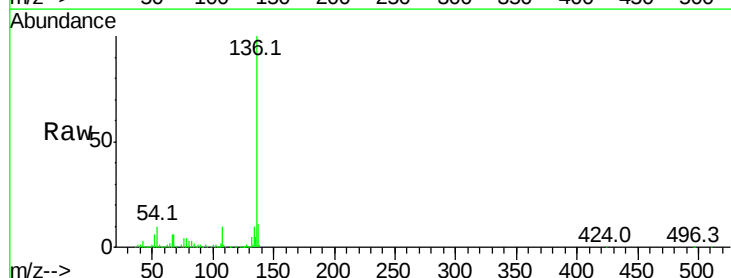
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.1 5.0 7.4#

68 5.8 4.4 6.6

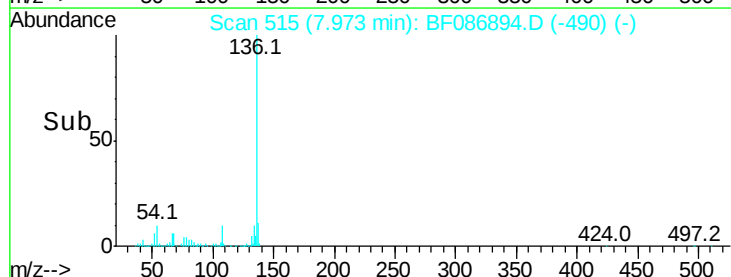
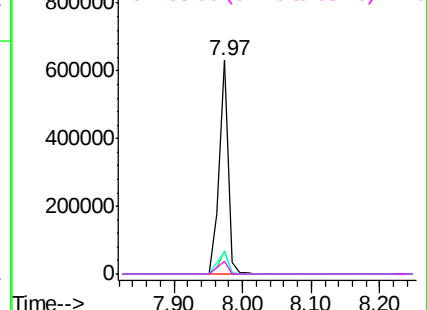


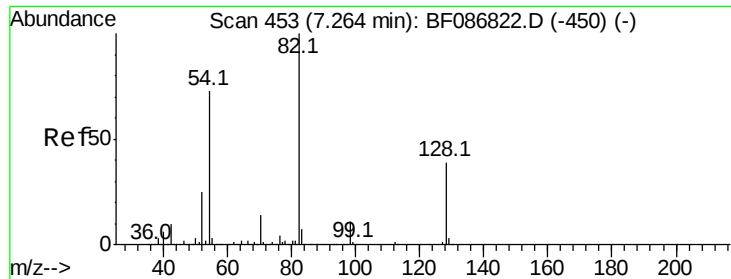
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.23 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMPDL3

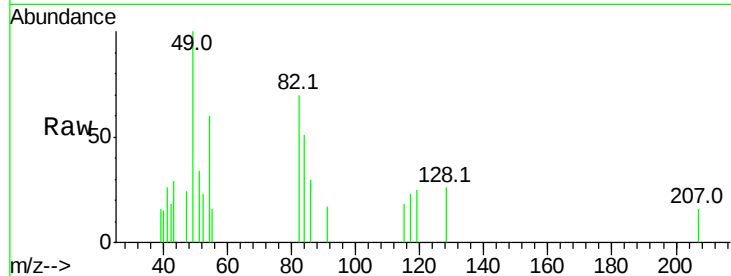
Tot Ion: 82 Resp: 2750

Ion Ratio Lower Upper

82 100

128 37.5 40.6 61.0#

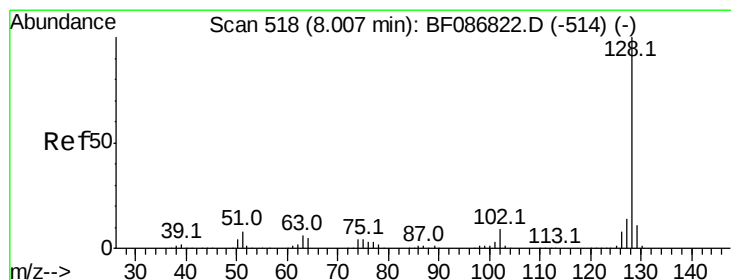
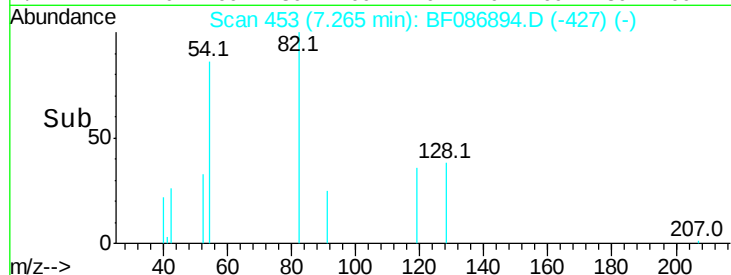
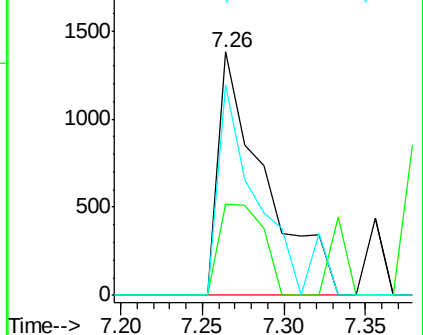
54 86.2 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 38.16 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

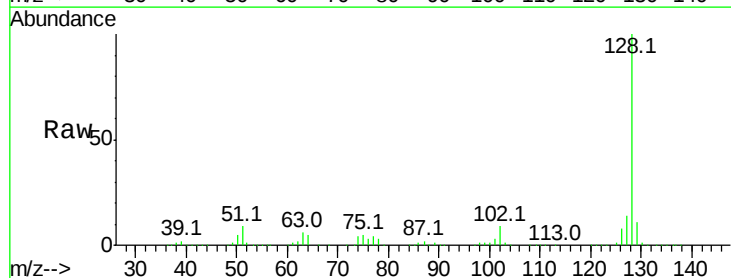
Tgt Ion: 128 Resp: 1133218

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

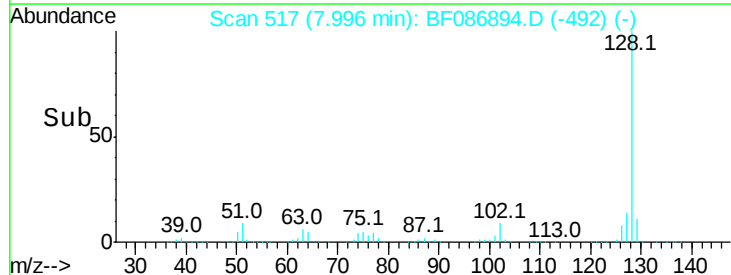
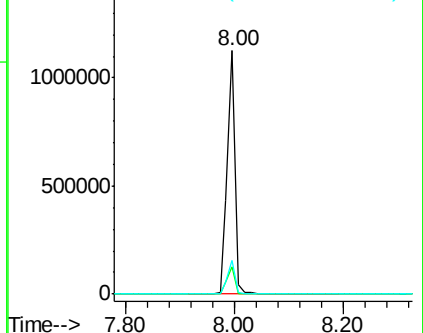
127 13.7 10.8 16.2

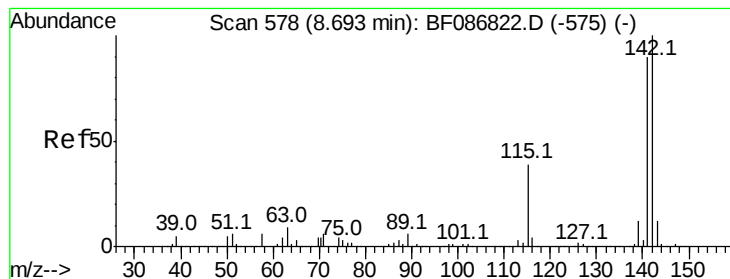


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 5.64 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMPDL3

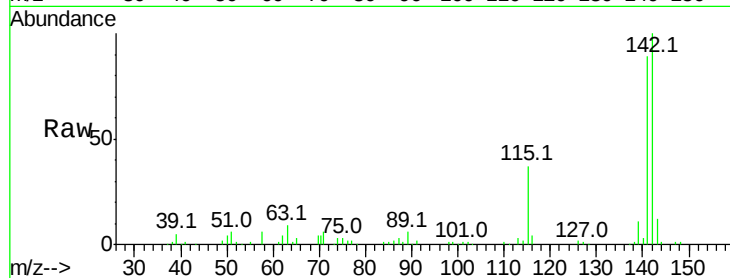
Tot Ion:142 Resp: 97950

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

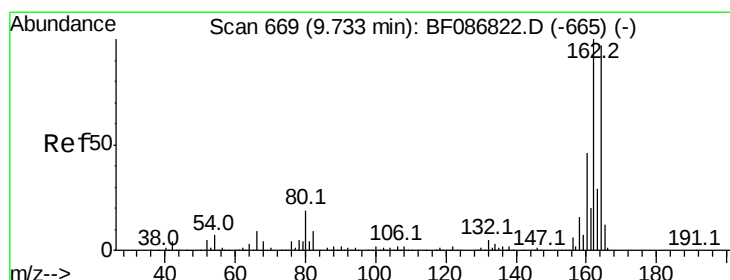
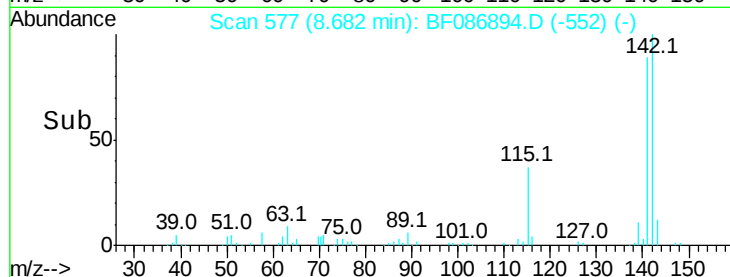
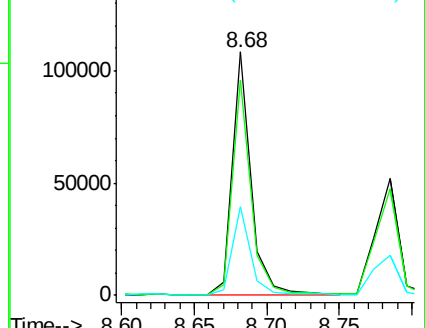
115 36.6 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

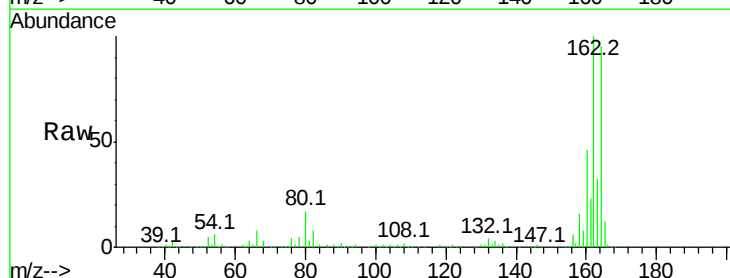
Tgt Ion:164 Resp: 240646

Ion Ratio Lower Upper

164 100

162 105.3 82.8 124.2

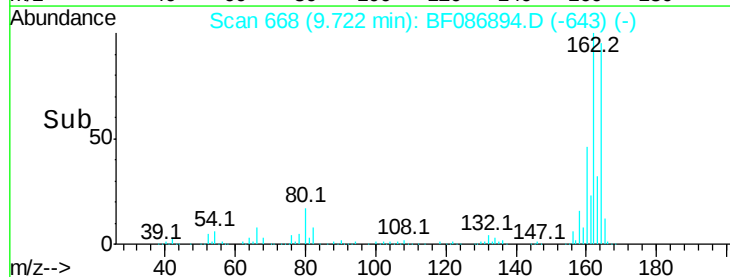
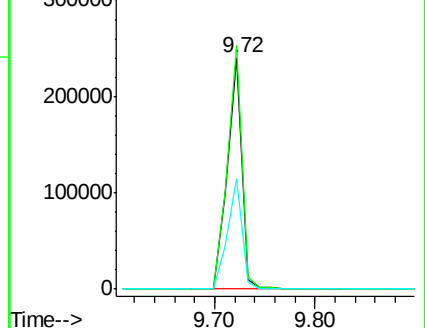
160 48.1 36.9 55.3

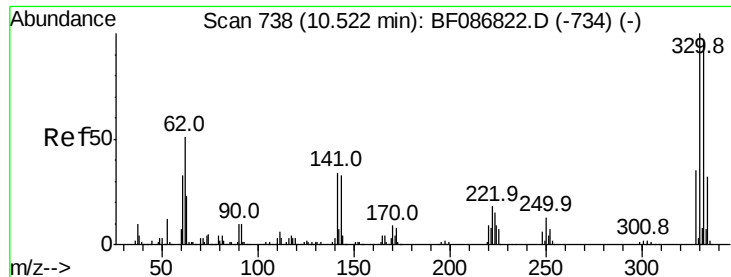


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

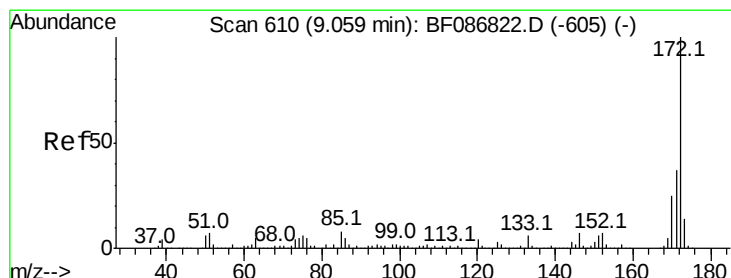
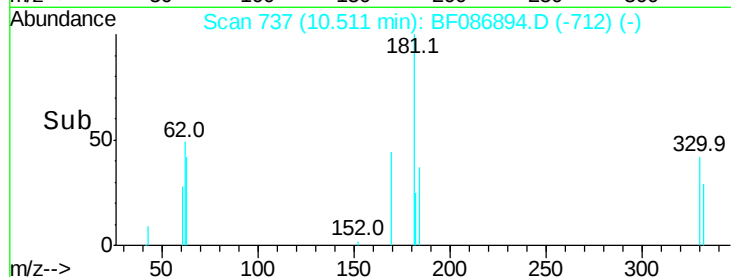
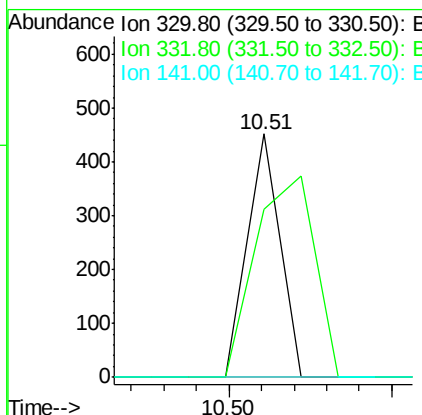
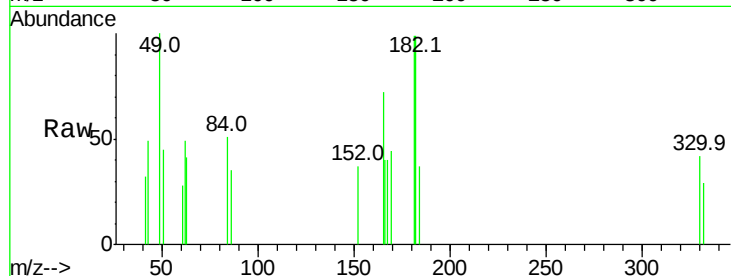




#41
 2,4,6-Tribromophenol
 Concen: 0.12 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086894.D
 Acq: 11 May 2016 11:33

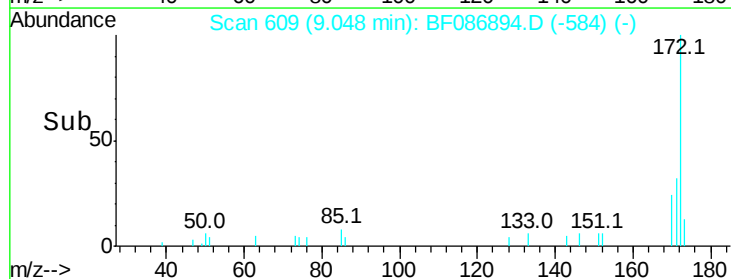
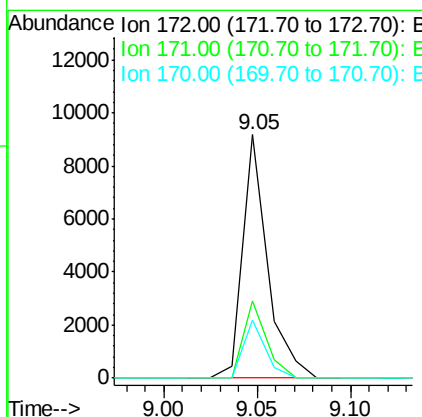
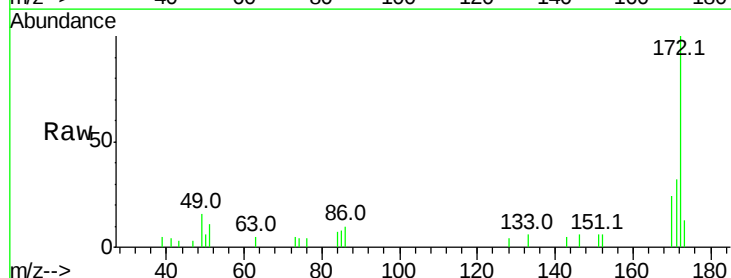
Instrument :
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 TEC-B3COMPDL3

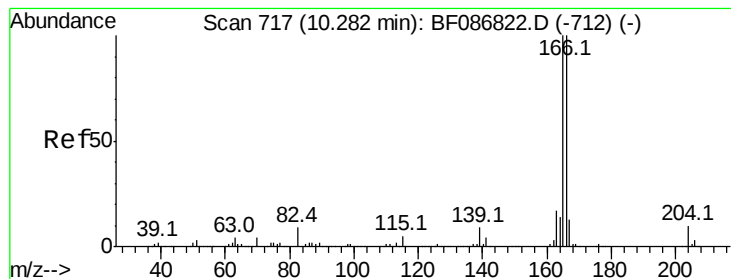
Tot Ion:330 Resp: 310
 Ion Ratio Lower Upper
 330 100
 332 151.6 79.0 118.4#
 141 0.0 31.2 46.8#



#44
 2-Fluorobiphenyl
 Concen: 0.60 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086894.D
 Acq: 11 May 2016 11:33

Tgt Ion:172 Resp: 8535
 Ion Ratio Lower Upper
 172 100
 171 31.6 29.0 43.6
 170 23.9 19.8 29.8





#57

Fluorene

Concen: 2.08 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMPDL3

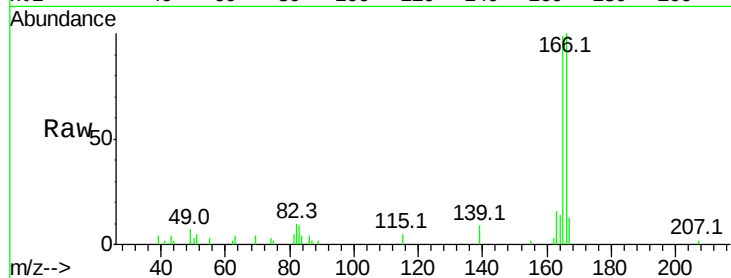
Tot Ion:166 Resp: 31196

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.6

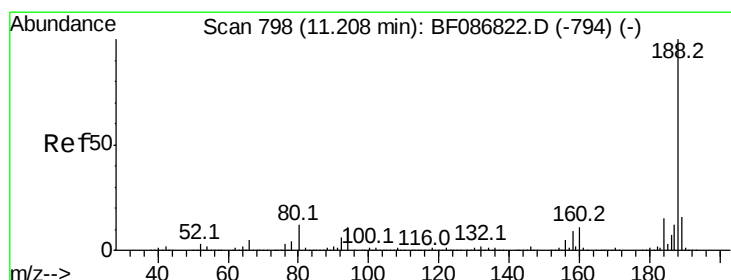
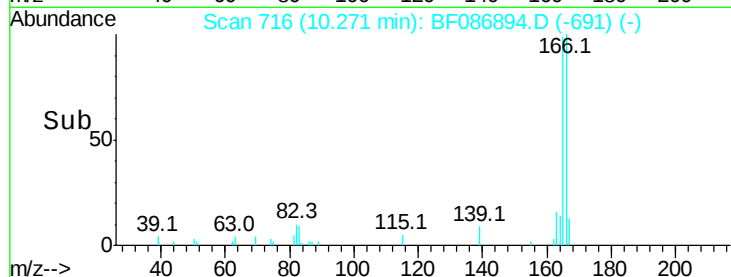
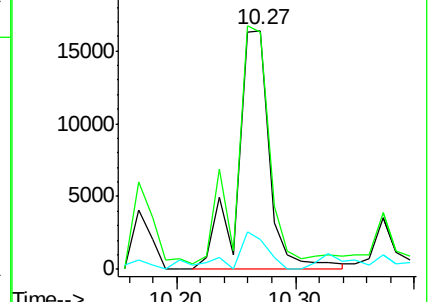
167 12.8 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

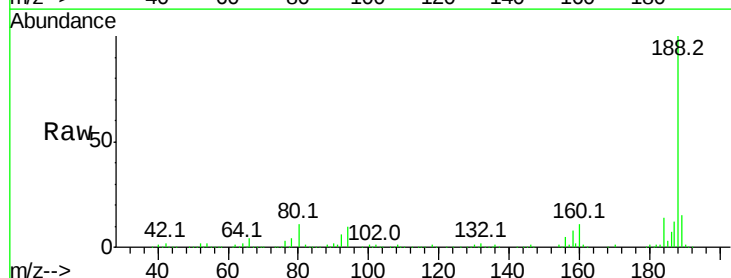
Tgt Ion:188 Resp: 392069

Ion Ratio Lower Upper

188 100

94 10.4 6.8 10.2#

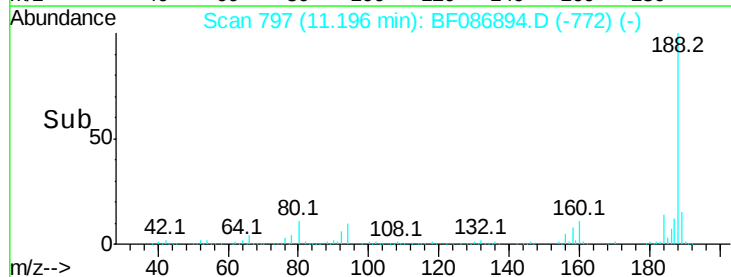
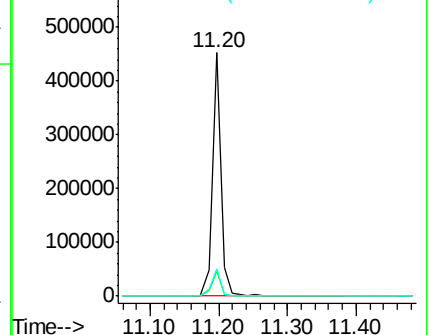
80 11.0 7.1 10.7#

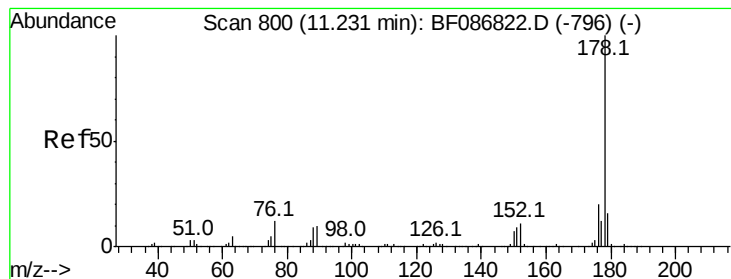


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 5.24 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMPDL3

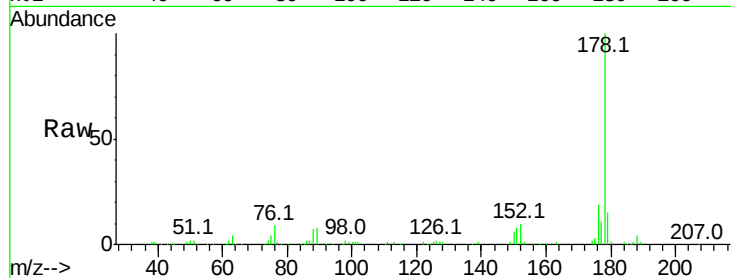
Tot Ion:178 Resp: 109693

Ion Ratio Lower Upper

178 100

176 18.7 16.0 24.0

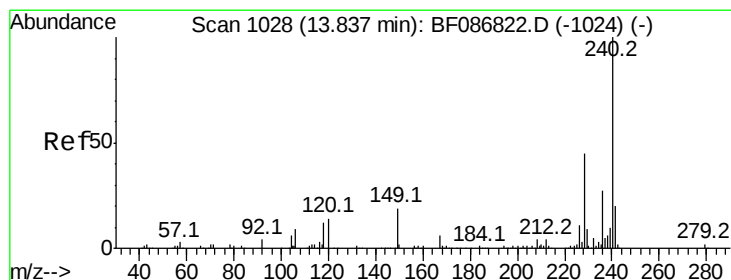
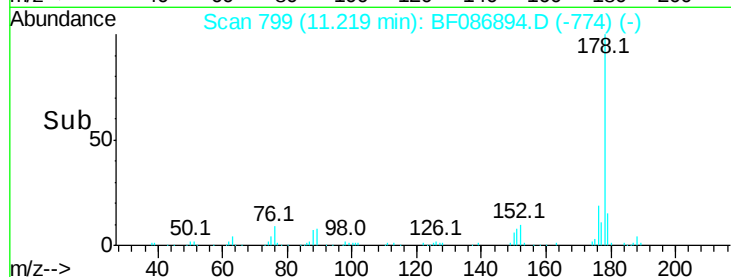
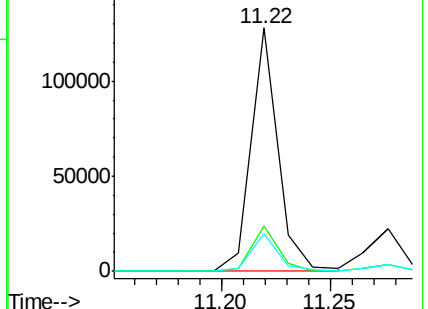
179 15.2 12.6 18.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

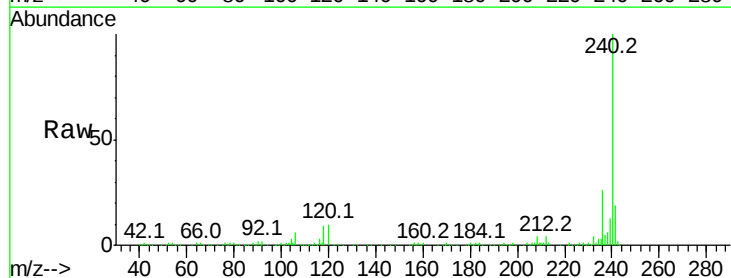
Tgt Ion:240 Resp: 319205

Ion Ratio Lower Upper

240 100

120 9.9 11.2 16.8#

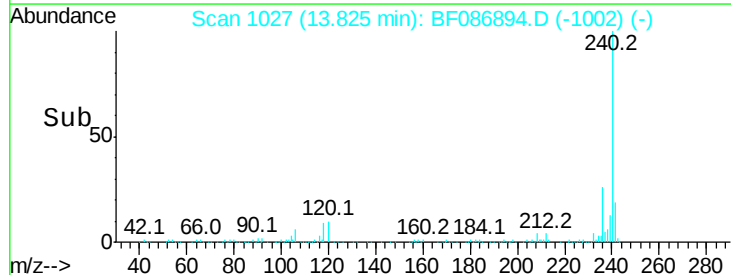
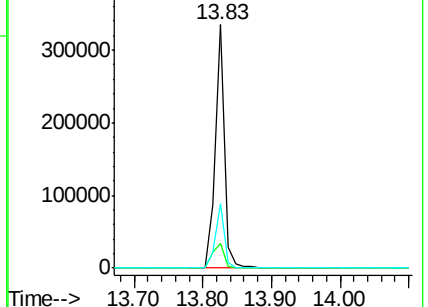
236 26.2 21.2 31.8

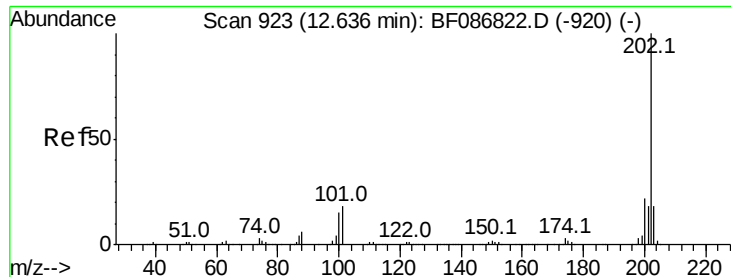


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.24 ng

RT: 12.63 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMPDL3

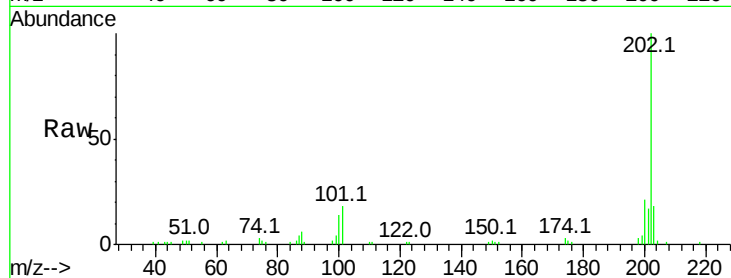
Tot Ion:202 Resp: 54795

Ion Ratio Lower Upper

202 100

200 20.7 17.7 26.5

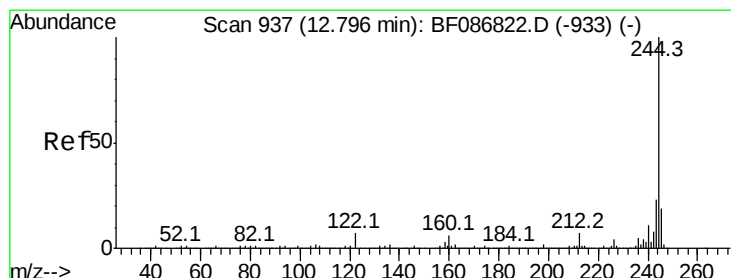
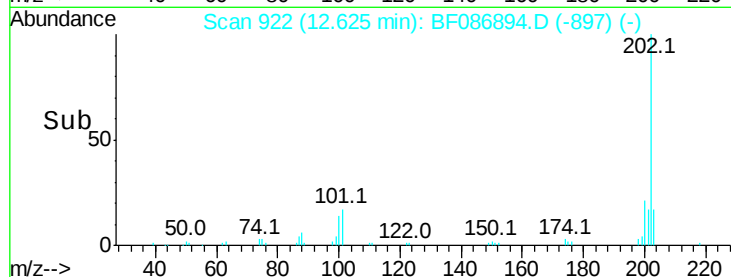
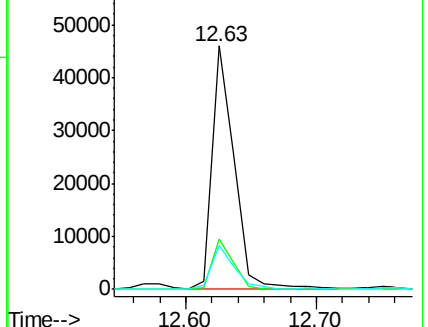
203 18.2 14.2 21.4



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: 0.36 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF086894.D

Acq: 11 May 2016 11:33

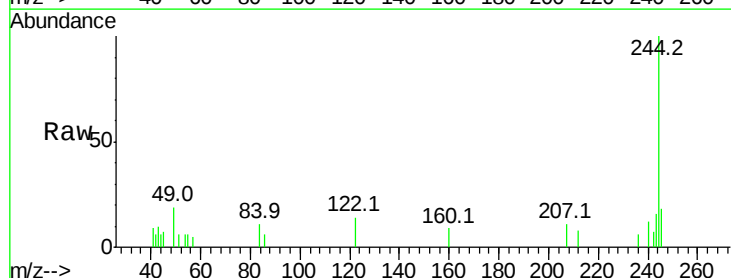
Tgt Ion:244 Resp: 5427

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

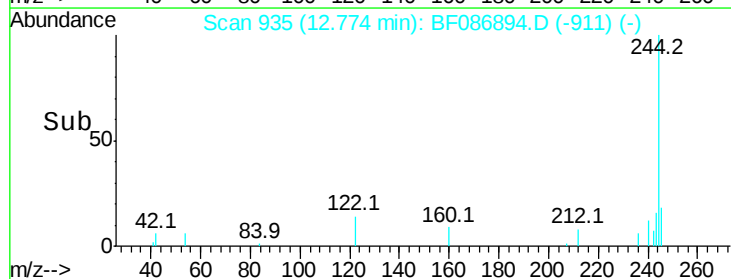
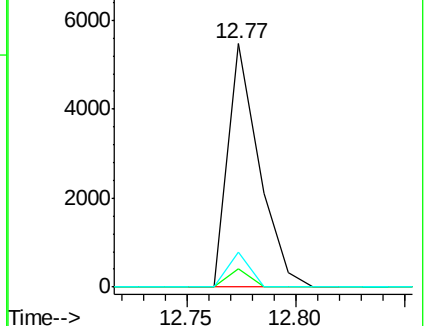
122 14.4 12.0 18.0

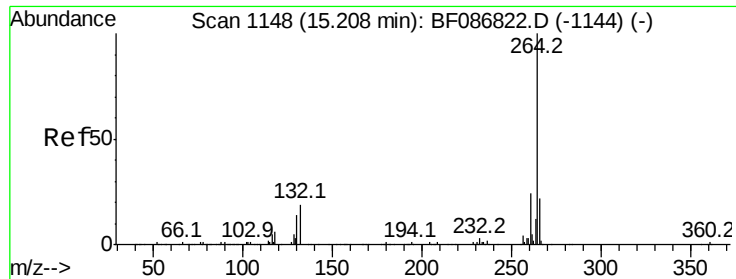


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086894.D
Acq: 11 May 2016 11:33

Instrument :
BNA_F
ClientSampleId :
TEC-B3COMPDL3

Tot Ion:264 Resp: 278876

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.7	17.3	25.9

