

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
 Data File : BF088370.D
 Acq On : 25 Jun 2016 11:56
 Operator : UM/SJ
 Sample : H3599-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1427(0-4)

Quant Time: Jun 26 02:28:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

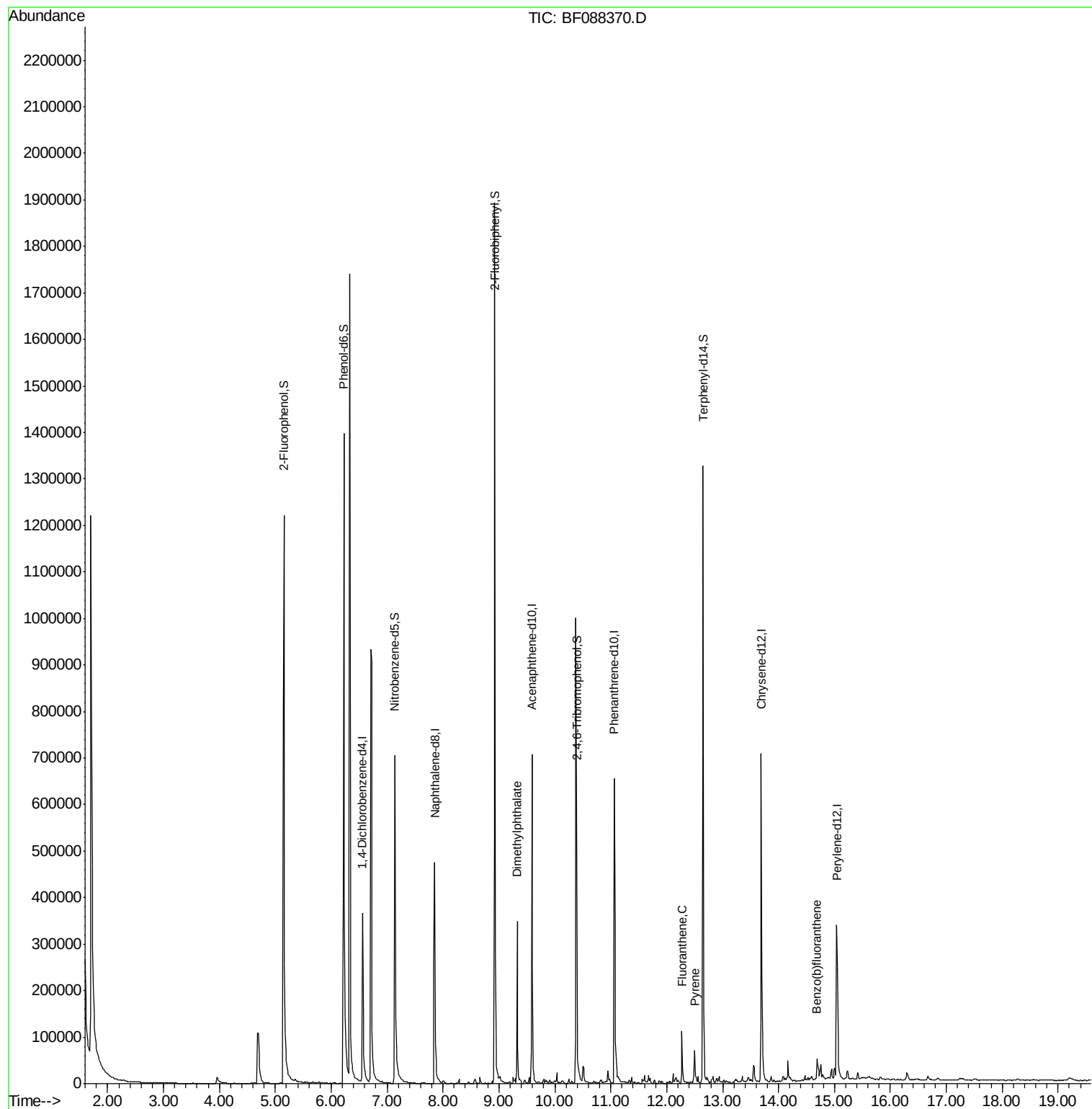
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	83361	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	337882	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	164771	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	326488	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	255077	20.00	ng	-0.06
86) Perylene-d12	15.04	264	177130	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	597910	122.62	ng	-0.02
7) Phenol-d6	6.23	99	716169	121.19	ng	-0.03
23) Nitrobenzene-d5	7.13	82	458415	79.23	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	176052	101.19	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	711018	66.59	ng	-0.05
78) Terphenyl-d14	12.65	244	523338	46.69	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	159359	13.35	ng	99
74) Fluoranthene	12.27	202	56475	3.12	ng	97
77) Pyrene	12.50	202	49360	2.61	ng	99
87) Benzo(b)fluoranthene	14.69	252	31535m	2.55	ng	

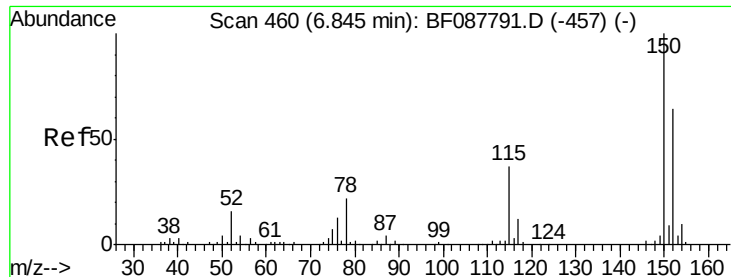
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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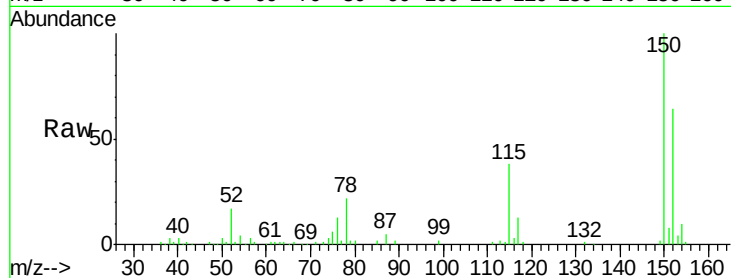


#1

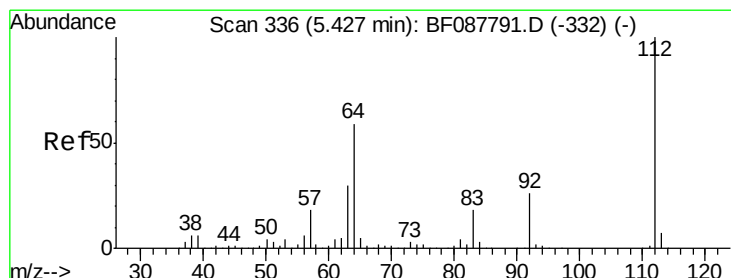
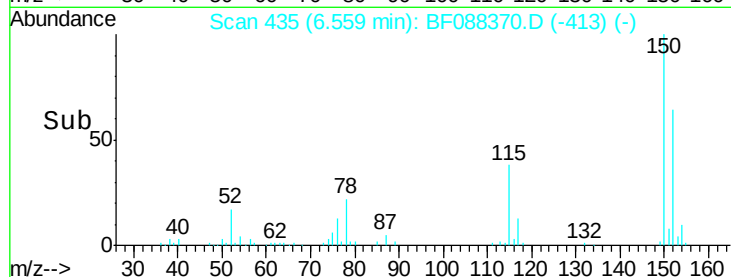
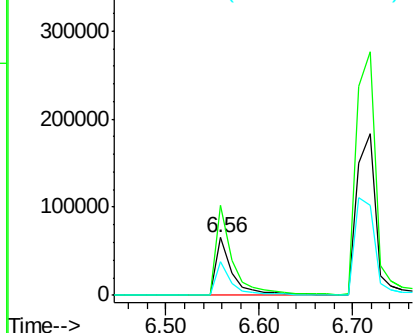
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF088370.D
Acq: 25 Jun 2016 11:56

Instrument :
BNA_F
ClientSampleId :
PM-STA-1427(0-4)

Tot Ion:152 Resp: 83361
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 59.4 39.6 59.4



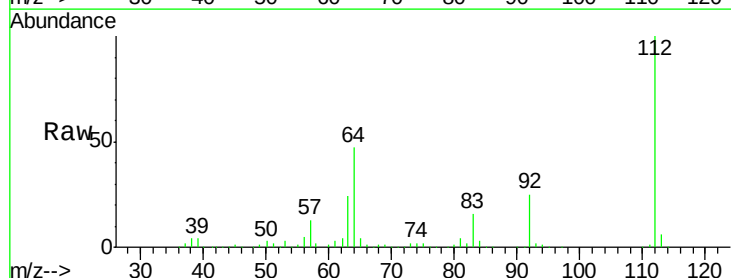
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



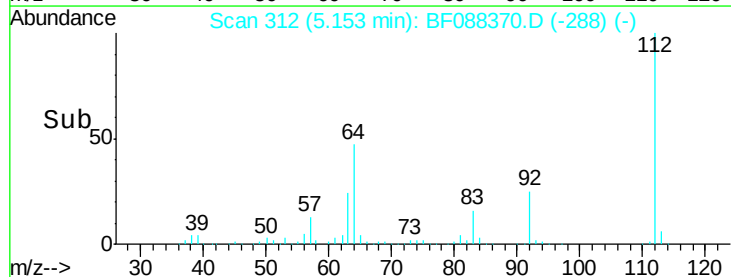
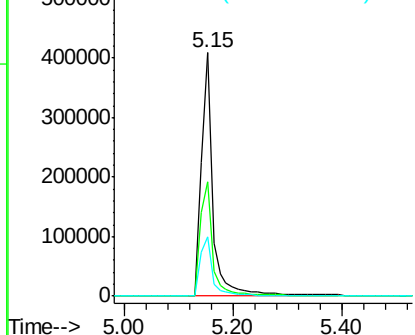
#5

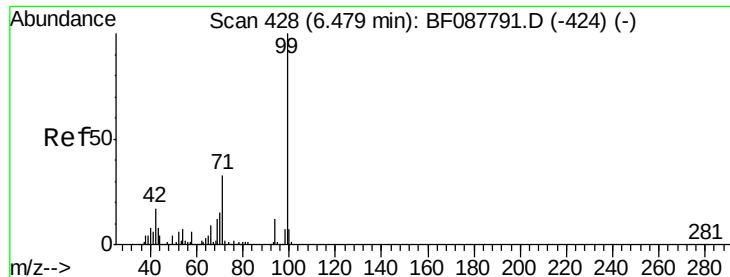
2-Fluorophenol
Concen: 122.62 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.02 min
Lab File: BF088370.D
Acq: 25 Jun 2016 11:56

Tgt Ion:112 Resp: 597910
Ion Ratio Lower Upper
112 100
64 47.2 42.2 63.2
63 24.4 21.8 32.8



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: 121.19 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088370.D

Acq: 25 Jun 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PM-STA-1427(0-4)

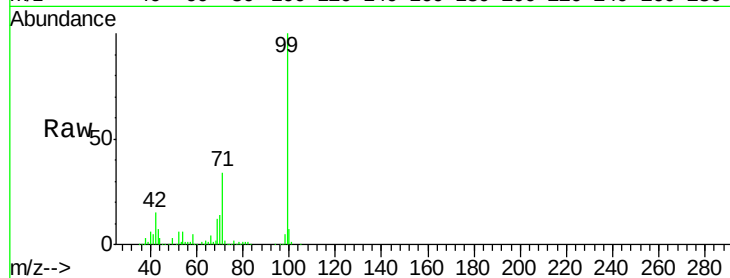
Tot Ion: 99 Resp: 716169

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

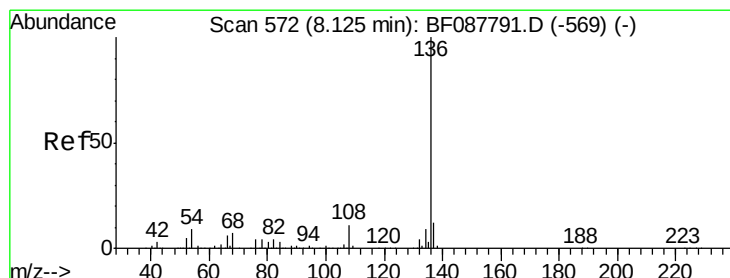
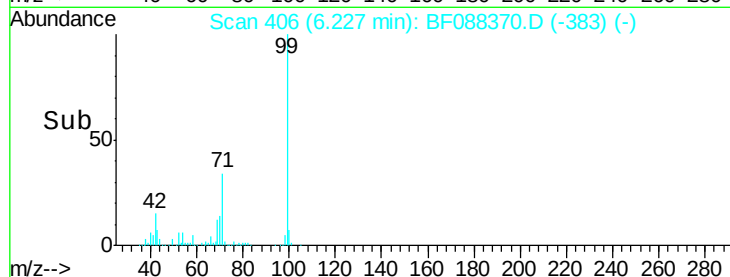
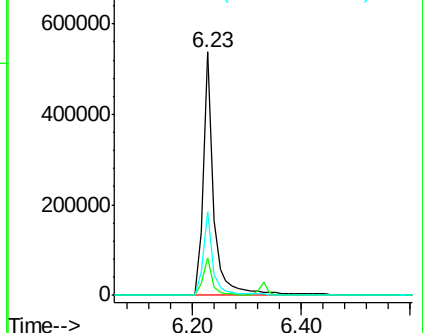
71 34.2 23.4 35.0



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: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088370.D

Acq: 25 Jun 2016 11:56

Tgt Ion: 136 Resp: 337882

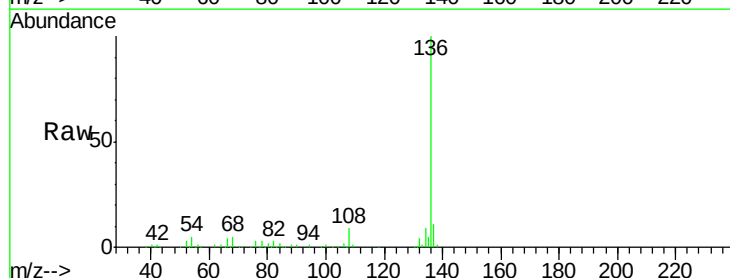
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.2 6.6 10.0#

68 4.6 5.1 7.7#

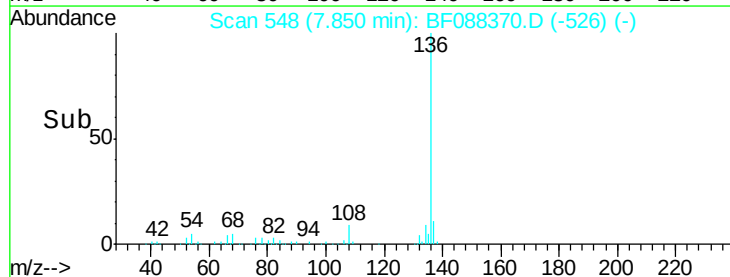
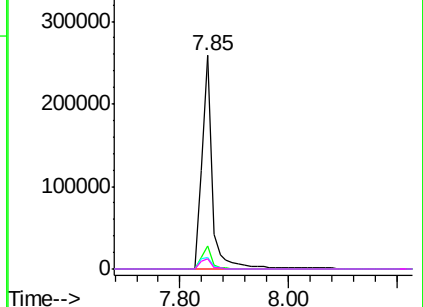


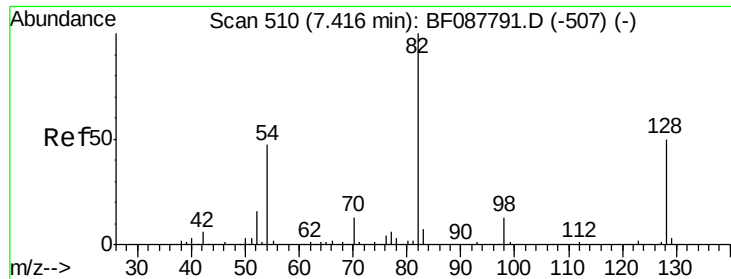
Abundance Ion 136.00 (135.70 to 136.70): E

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

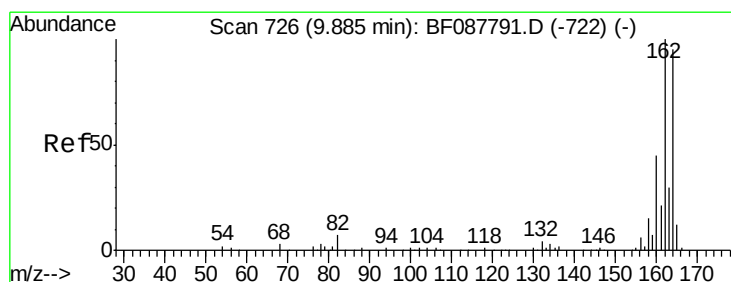
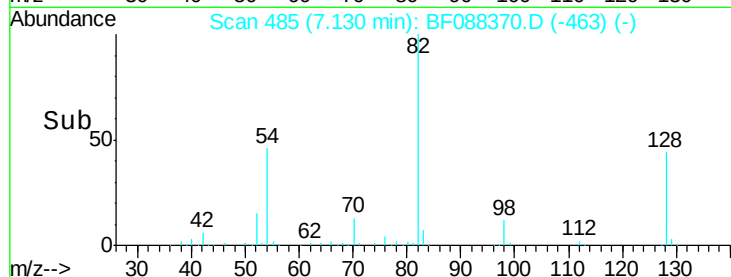
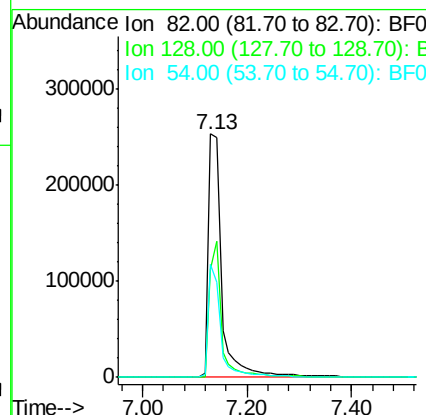
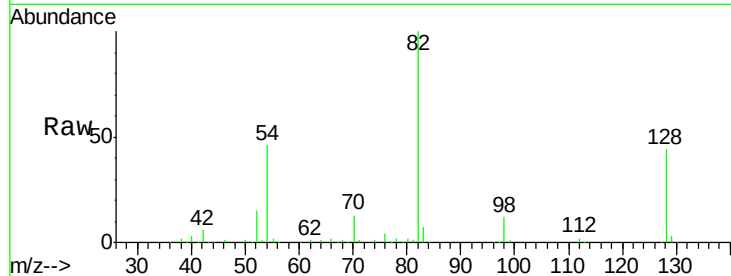




#23
 Nitrobenzene-d5
 Concen: 79.23 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.05 min
 Lab File: BF088370.D
 Acq: 25 Jun 2016 11:56

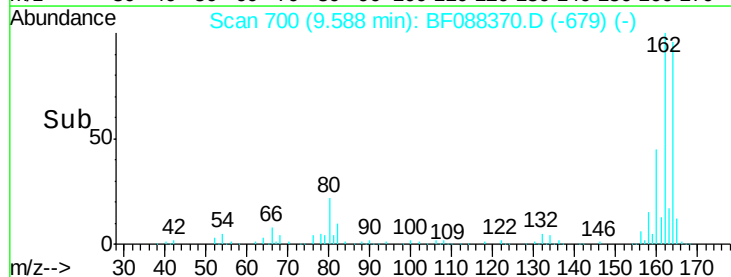
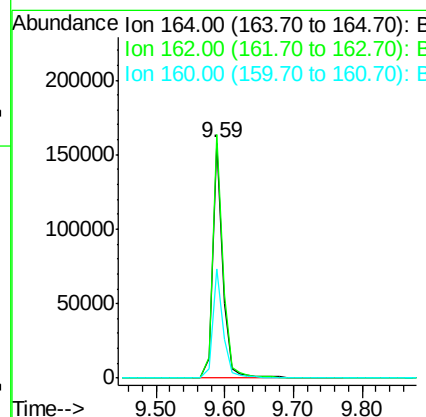
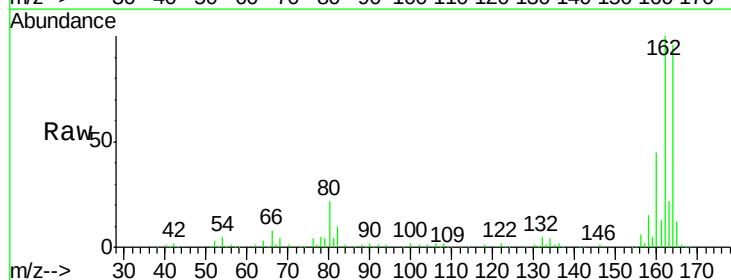
Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1427(0-4)

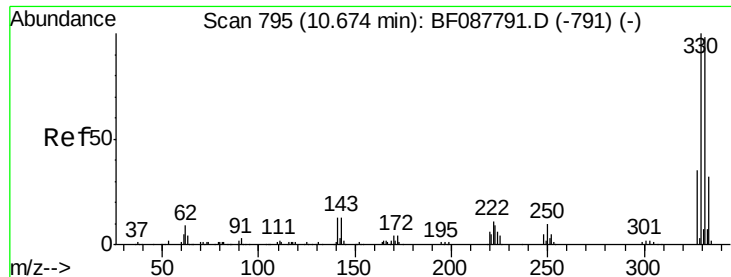
Tot Ion: 82 Resp: 458415
 Ion Ratio Lower Upper
 82 100
 128 44.3 35.9 53.9
 54 46.4 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.06 min
 Lab File: BF088370.D
 Acq: 25 Jun 2016 11:56

Tgt Ion:164 Resp: 164771
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.4 128.2
 160 46.6 39.5 59.3

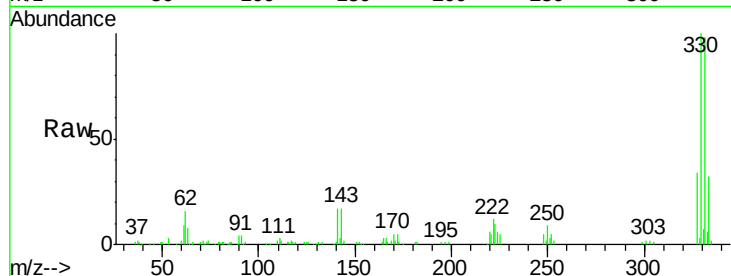




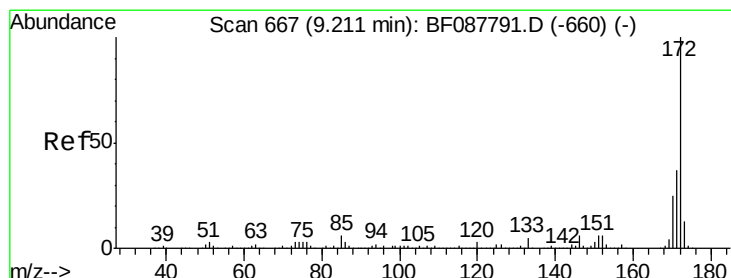
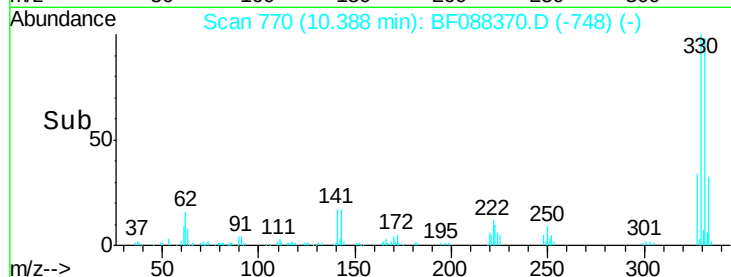
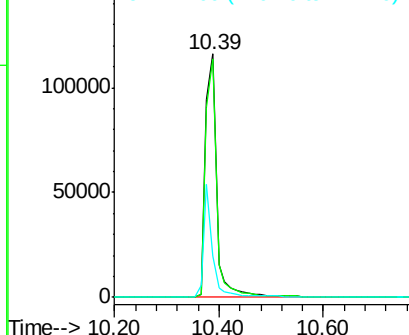
#41
 2,4,6-Tribromophenol
 Concen: 101.19 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF088370.D
 Acq: 25 Jun 2016 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1427(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	36.4	0.0	0.0#

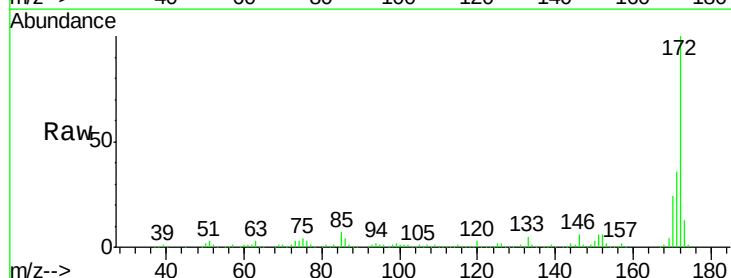


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

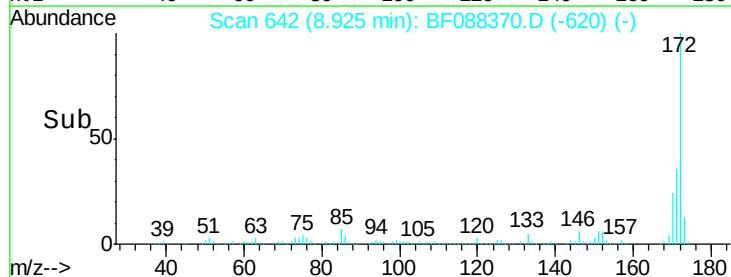
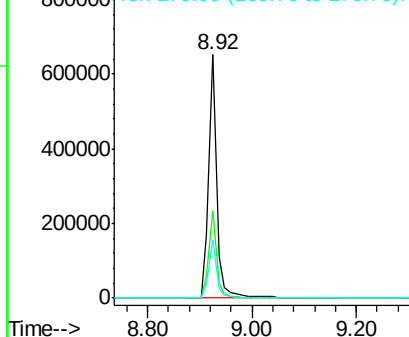


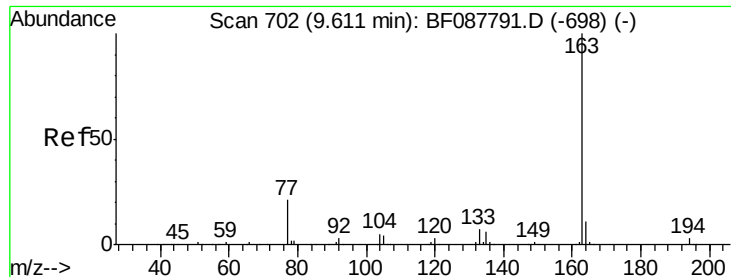
#44
 2-Fluorobiphenyl
 Concen: 66.59 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088370.D
 Acq: 25 Jun 2016 11:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.8	19.2	28.8



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: 13.35 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088370.D

Acq: 25 Jun 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PM-STA-1427(0-4)

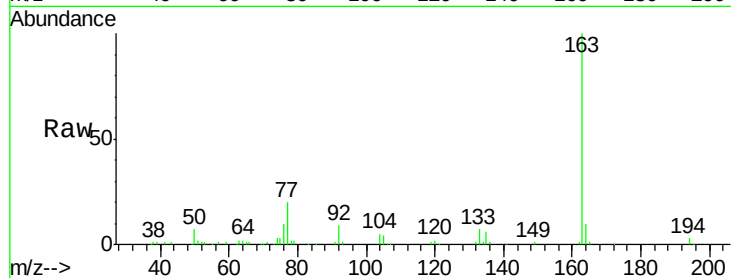
Tot Ion:163 Resp: 159359

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

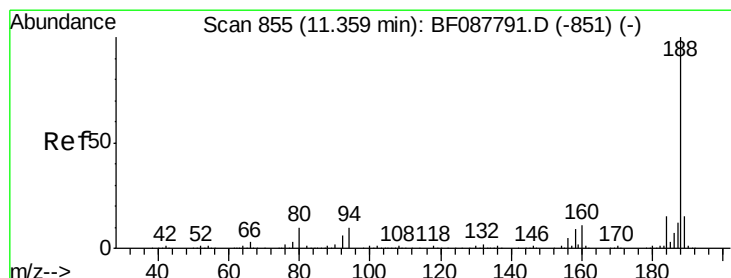
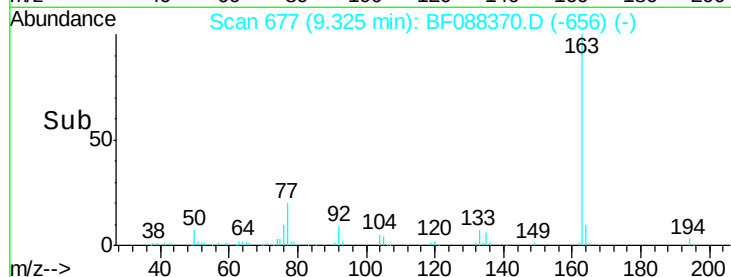
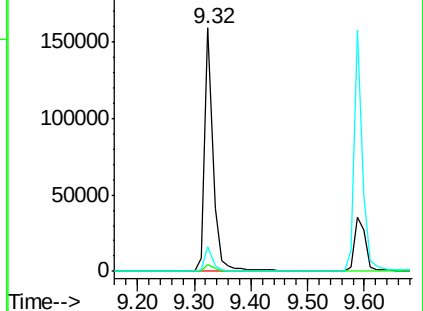
164 10.3 8.3 12.5



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: 11.06 min Scan# 829

Delta R.T. -0.06 min

Lab File: BF088370.D

Acq: 25 Jun 2016 11:56

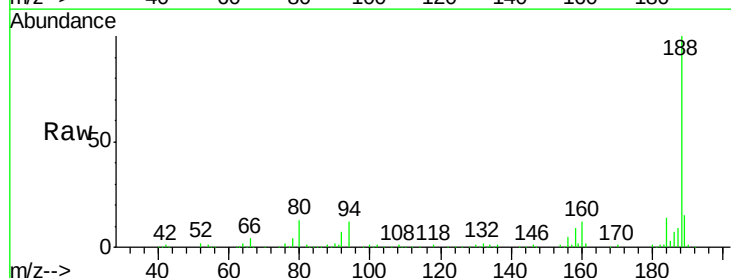
Tgt Ion:188 Resp: 326488

Ion Ratio Lower Upper

188 100

94 12.0 9.0 13.6

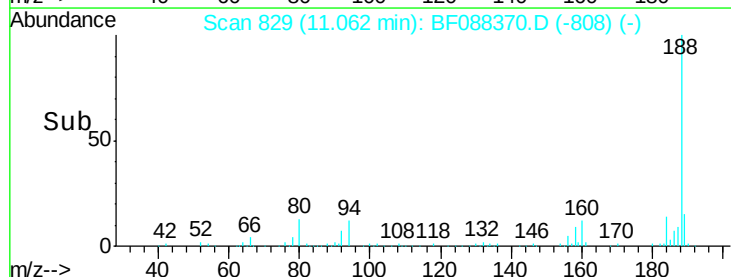
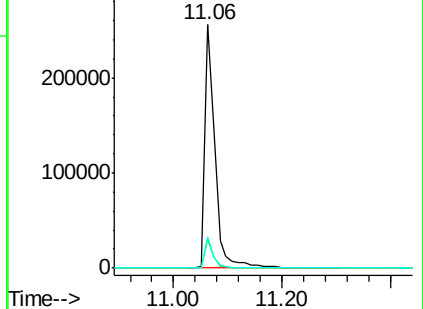
80 12.9 10.0 15.0

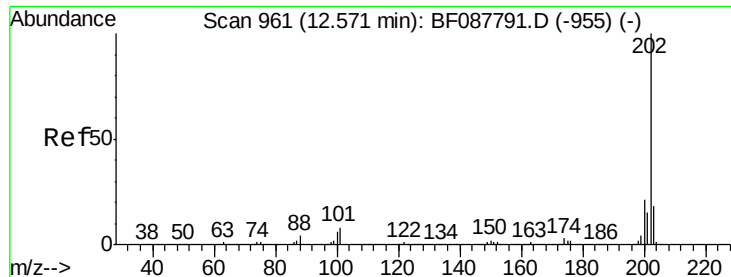


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.12 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF088370.D

Acq: 25 Jun 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PM-STA-1427(0-4)

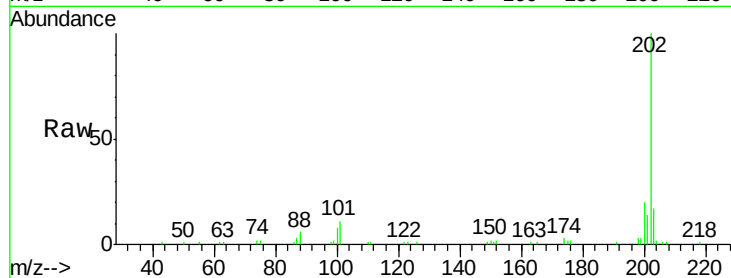
Tot Ion:202 Resp: 56475

Ion Ratio Lower Upper

202 100

101 11.0 0.0 33.1

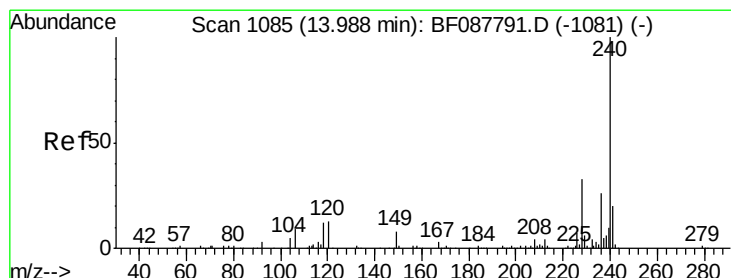
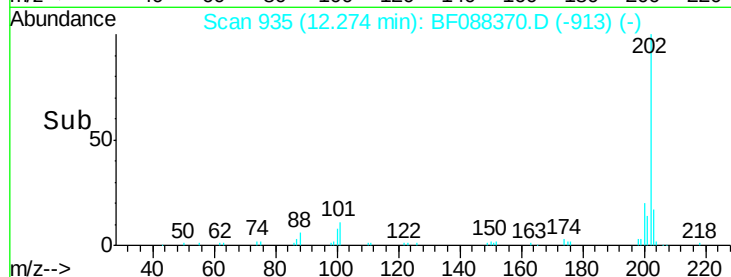
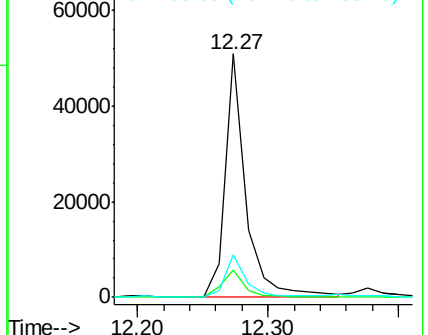
203 17.3 0.0 38.1



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: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF088370.D

Acq: 25 Jun 2016 11:56

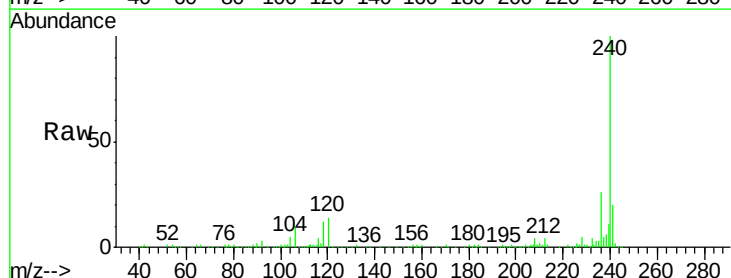
Tgt Ion:240 Resp: 255077

Ion Ratio Lower Upper

240 100

120 14.0 6.8 10.2#

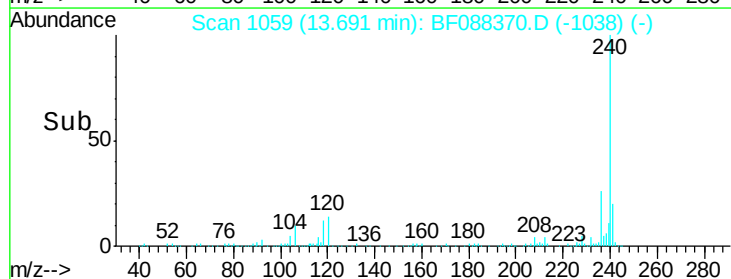
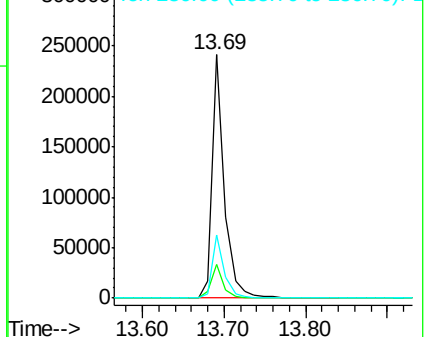
236 25.7 20.2 30.2

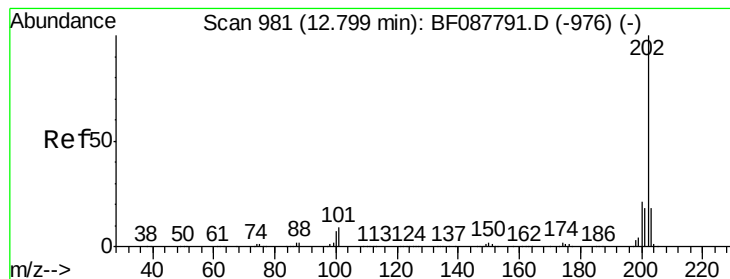


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.61 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF088370.D

Acq: 25 Jun 2016 11:56

Instrument :

BNA_F

ClientSampleId :

PM-STA-1427(0-4)

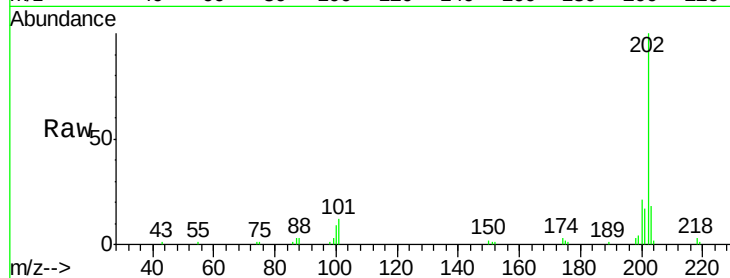
Tot Ion:202 Resp: 49360

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

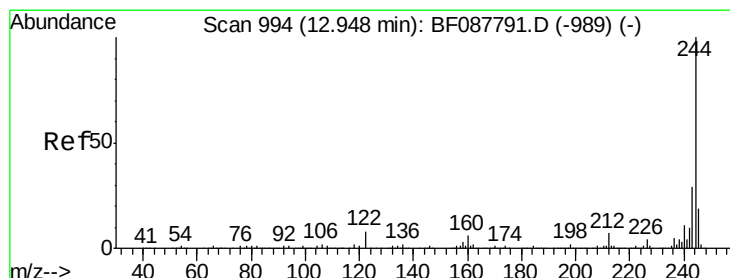
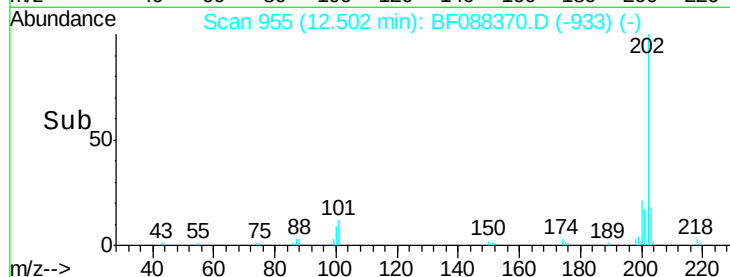
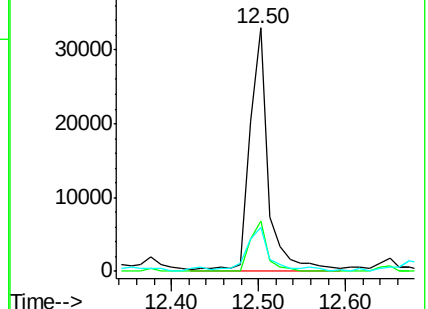
203 18.3 14.5 21.7



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: 46.69 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.05 min

Lab File: BF088370.D

Acq: 25 Jun 2016 11:56

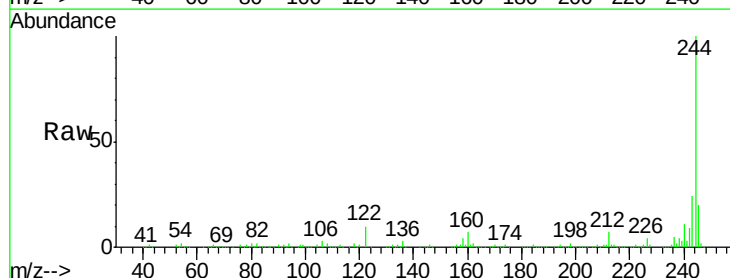
Tgt Ion:244 Resp: 523338

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

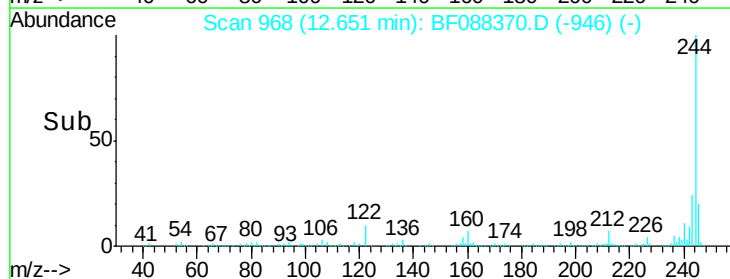
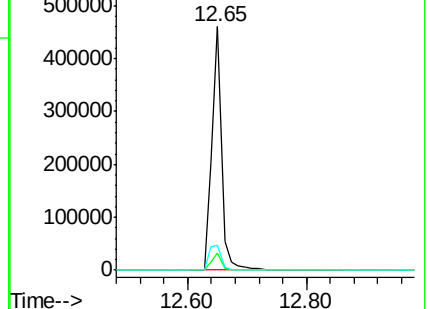
122 10.3 11.2 16.8#

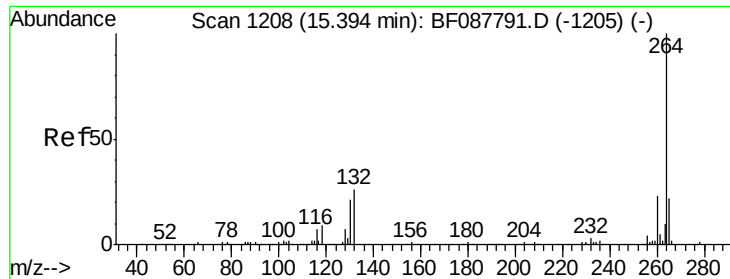


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

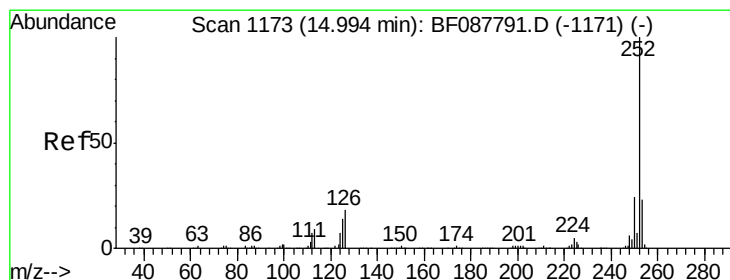
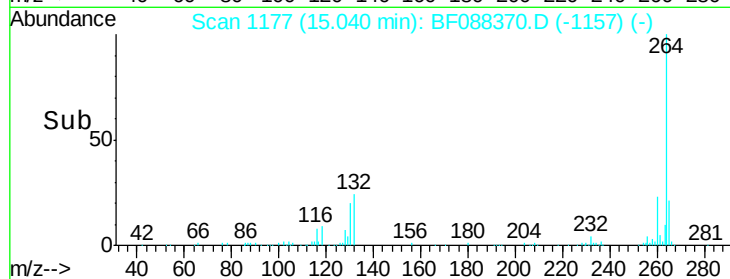
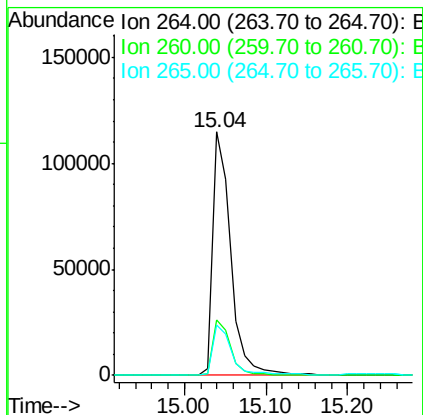
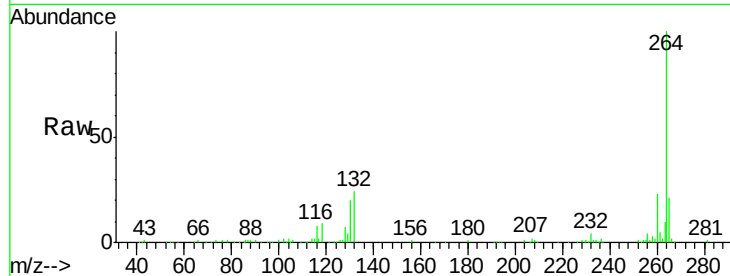




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF088370.D
Acq: 25 Jun 2016 11:56

Instrument :
BNA_F
ClientSampleId :
PM-STA-1427(0-4)

Tot Ion:264 Resp: 177130
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 20.8 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 2.55 ng m
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF088370.D
Acq: 25 Jun 2016 11:56

Tgt Ion:252 Resp: 31535
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 14.9 7.1 10.7#

