

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084450.D
 Acq On : 13 Jan 2016 19:17
 Operator : SJ/UM
 Sample : H1115-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WHRB1A

Quant Time: Jan 14 14:48:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

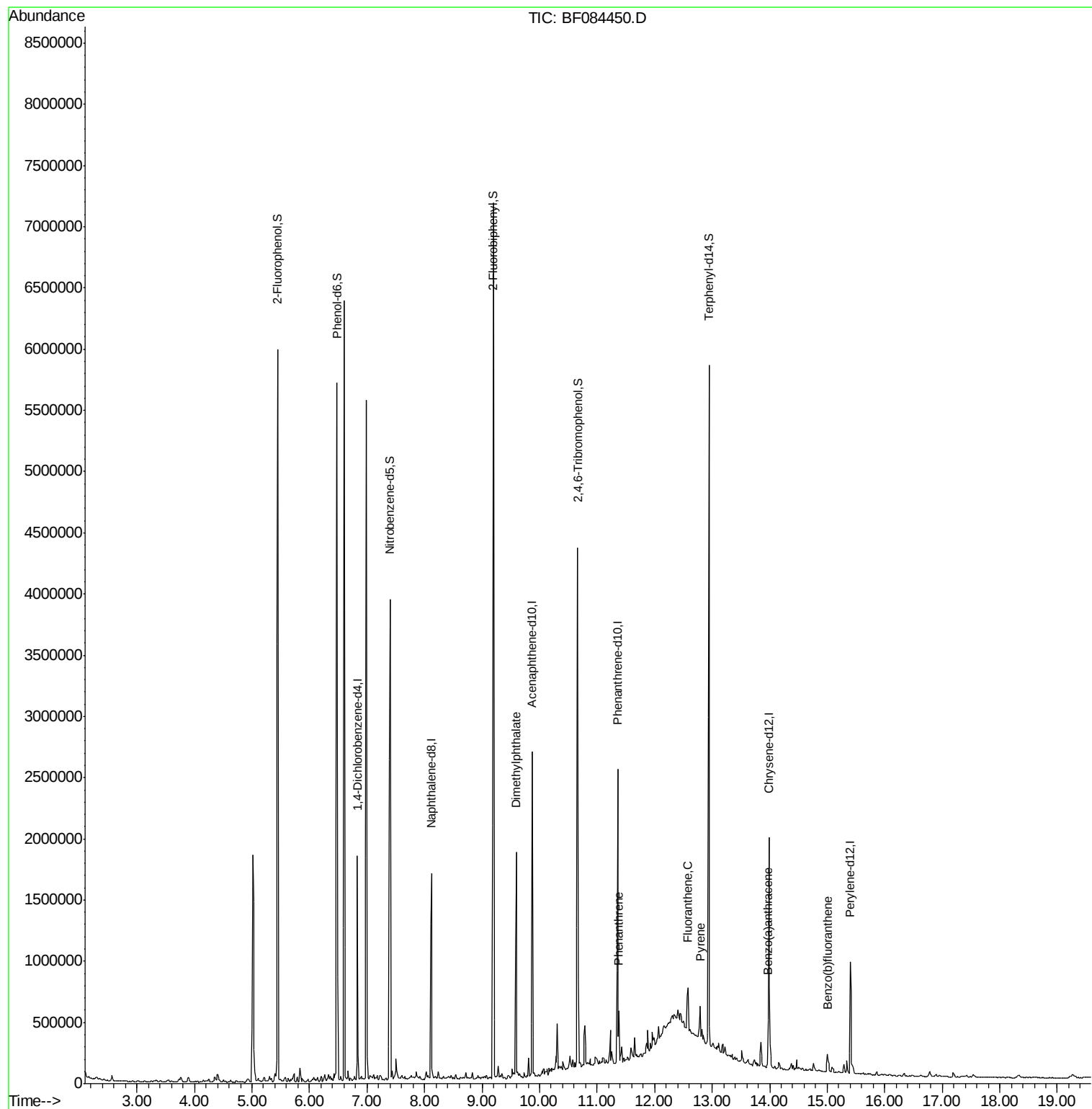
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	243365	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1020124	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	488680	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	888318	20.00	ng	0.00
75) Chrysene-d12	13.99	240	652746	20.00	ng	-0.01
86) Perylene-d12	15.40	264	466182	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1869889	124.28	ng	0.01
7) Phenol-d6	6.48	99	2022052	107.01	ng	0.00
23) Nitrobenzene-d5	7.40	82	1574087	85.88	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	494855	100.30	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2088672	74.40	ng	0.00
78) Terphenyl-d14	12.95	244	1899040	64.94	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	925348	26.49	ng	# 91
70) Phenanthrene	11.38	178	171438	3.69	ng	99
74) Fluoranthene	12.58	202	200469	4.13	ng	93
77) Pyrene	12.80	202	167730	3.27	ng	99
80) Benzo(a)anthracene	13.97	228	100754	2.63	ng	97
87) Benzo(b)fluoranthene	15.00	252	71957m	2.36	ng	

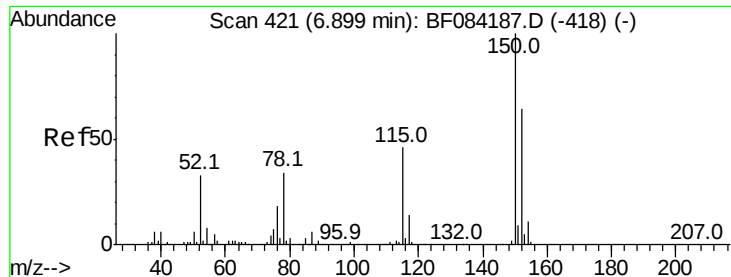
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084450.D
Acq On : 13 Jan 2016 19:17
Operator : SJ/UM
Sample : H1115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WHRB1A

Quant Time: Jan 14 14:48:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF084450.D

Acq: 13 Jan 2016 19:17

Instrument :

BNA_F

ClientSampleId :

WHRB1A

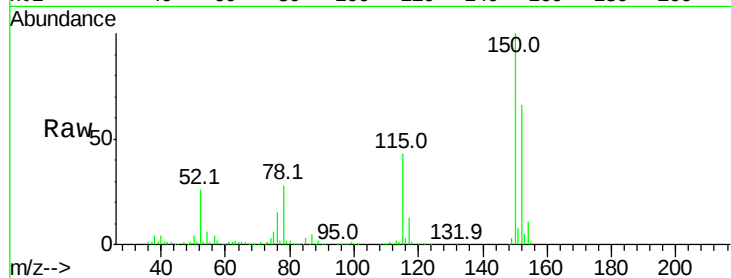
Tot Ion:152 Resp: 243365

Ion Ratio Lower Upper

152 100

150 152.5 123.0 184.4

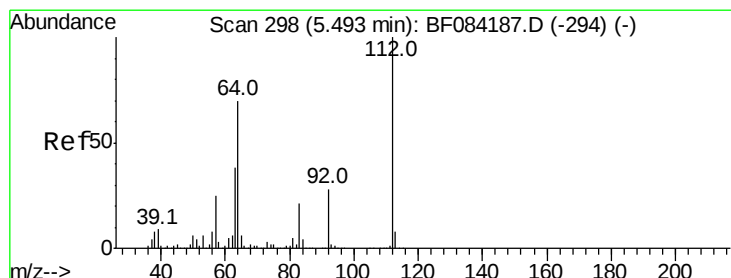
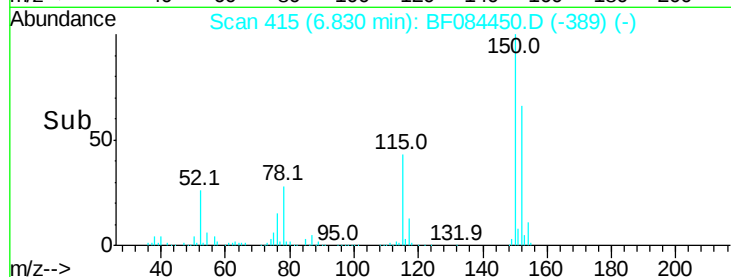
115 66.1 51.4 77.2



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: 124.28 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084450.D

Acq: 13 Jan 2016 19:17

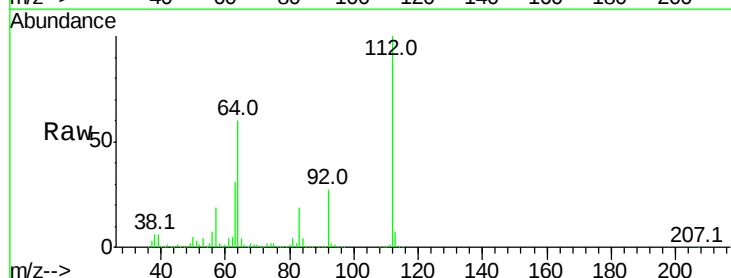
Tgt Ion:112 Resp: 1869889

Ion Ratio Lower Upper

112 100

64 60.2 36.6 55.0#

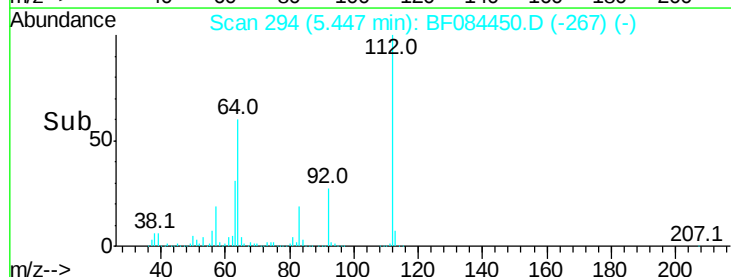
63 31.4 19.4 29.0#

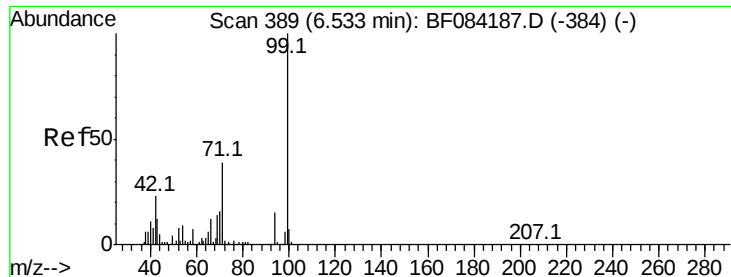


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.01 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084450.D

Acq: 13 Jan 2016 19:17

Instrument :

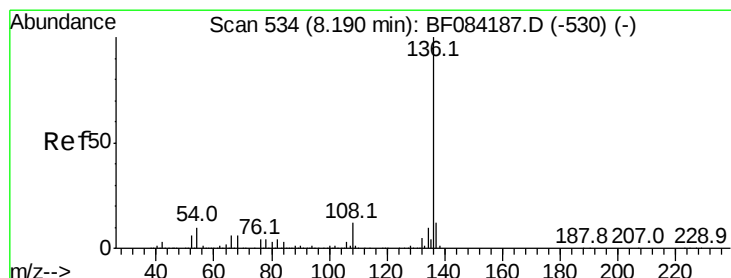
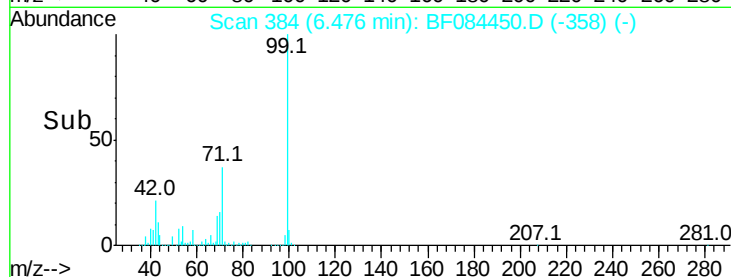
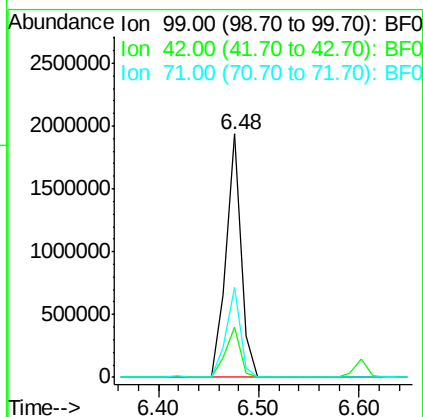
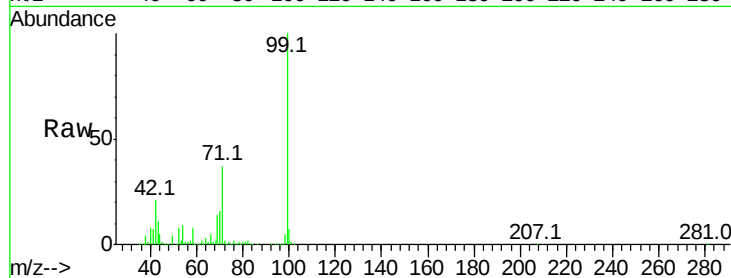
BNA_F

ClientSampleId :

WHRB1A

Tot Ion: 99 Resp: 2022052

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	37.0	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

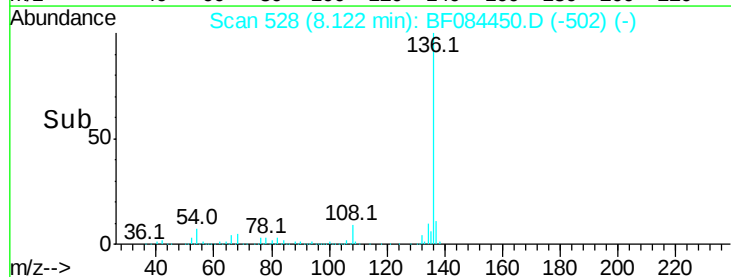
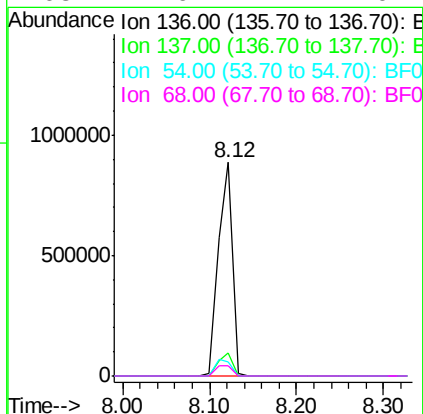
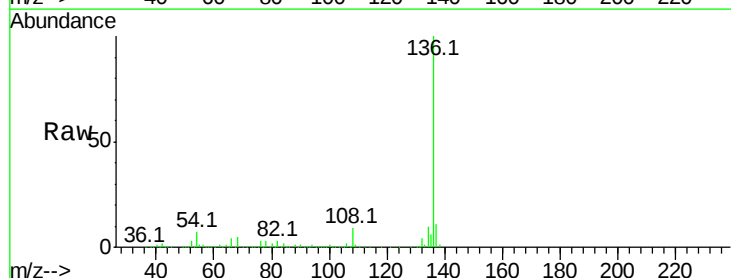
Delta R.T. 0.00 min

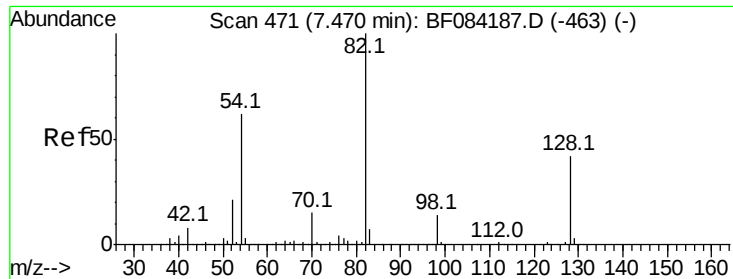
Lab File: BF084450.D

Acq: 13 Jan 2016 19:17

Tgt Ion: 136 Resp: 1020124

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.7	5.8	8.8
68	4.6	4.2	6.2





#23

Nitrobenzene-d5

Concen: 85.88 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF084450.D

Acq: 13 Jan 2016 19:17

Instrument :

BNA_F

ClientSampleId :

WHRB1A

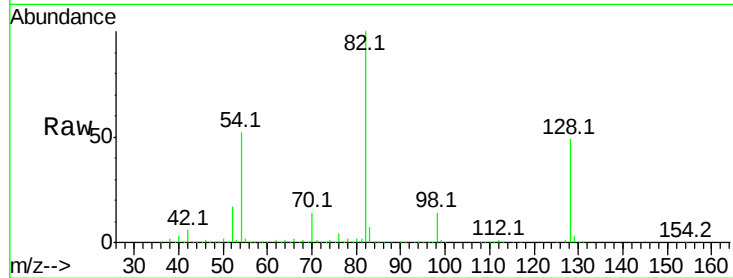
Tot Ion: 82 Resp: 1574087

Ion Ratio Lower Upper

82 100

128 49.2 34.6 51.8

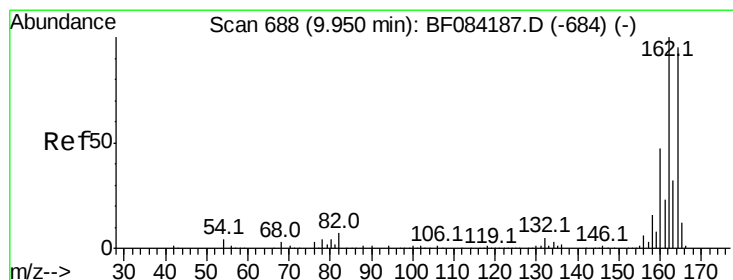
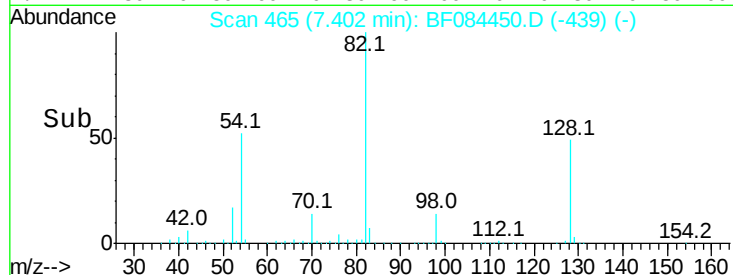
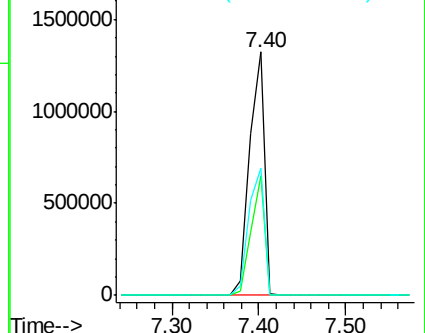
54 52.5 38.4 57.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084450.D

Acq: 13 Jan 2016 19:17

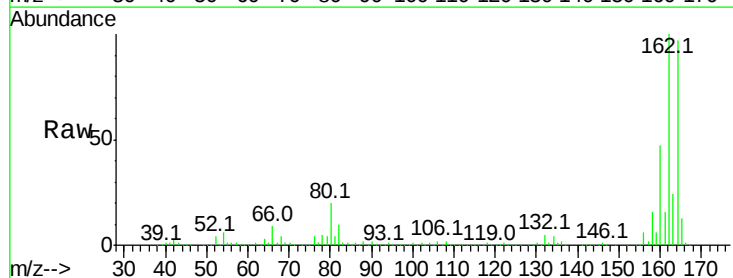
Tgt Ion:164 Resp: 488680

Ion Ratio Lower Upper

164 100

162 103.3 85.1 127.7

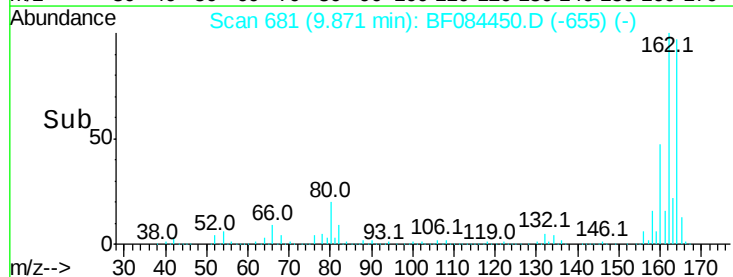
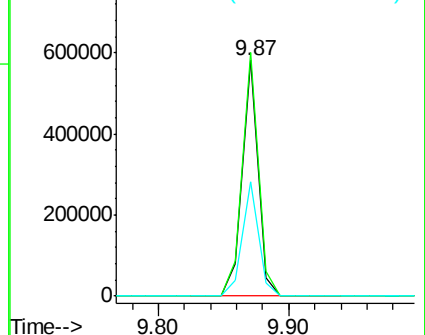
160 48.4 37.5 56.3

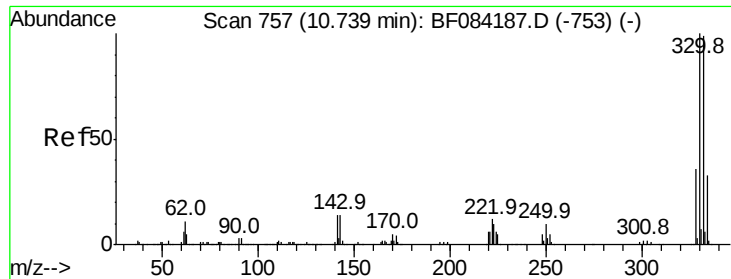


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

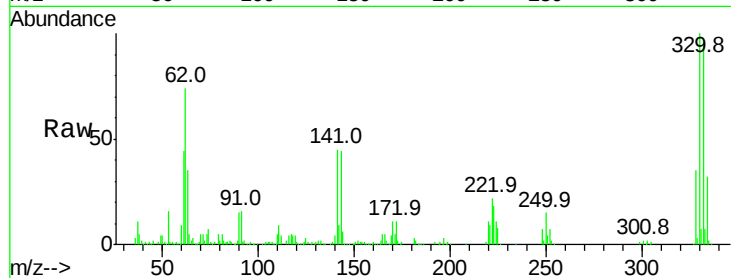




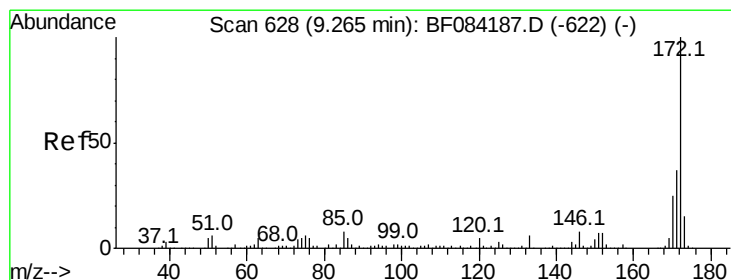
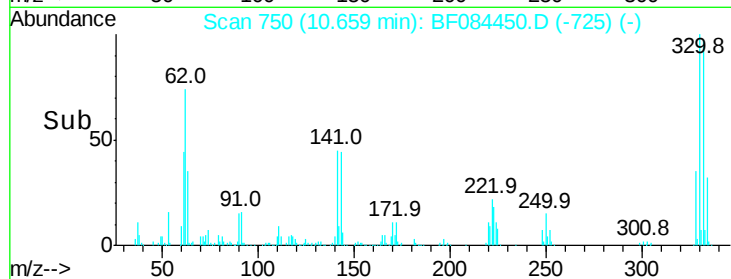
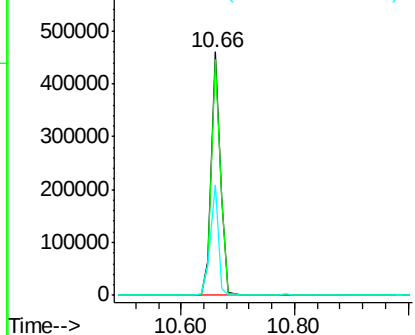
#41
 2,4,6-Tribromophenol
 Concen: 100.30 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF084450.D
 Acq: 13 Jan 2016 19:17

Instrument :
 BNA_F
 ClientSampleId :
 WHRB1A

Tot Ion:330 Resp: 494855
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 39.1 27.8 41.6

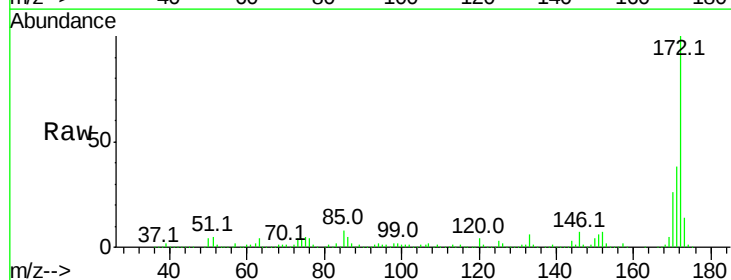


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

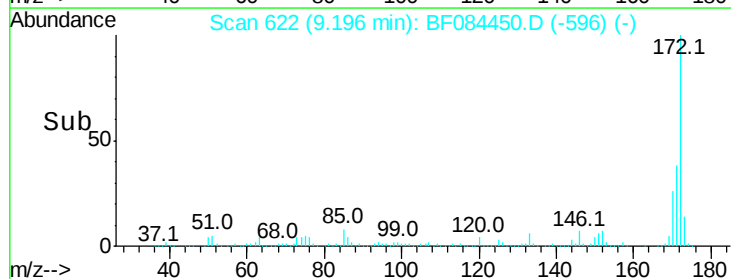
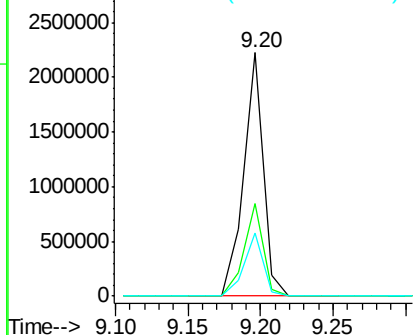


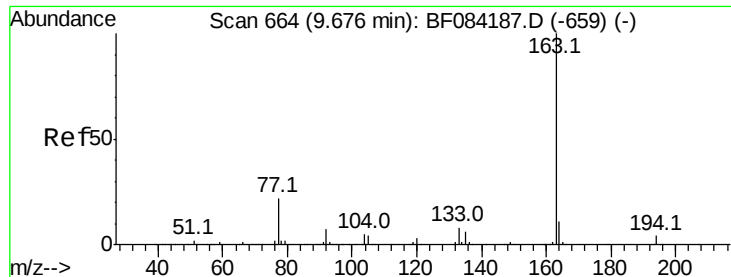
#44
 2-Fluorobiphenyl
 Concen: 74.40 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084450.D
 Acq: 13 Jan 2016 19:17

Tgt Ion:172 Resp: 2088672
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.9 43.3
 170 26.0 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

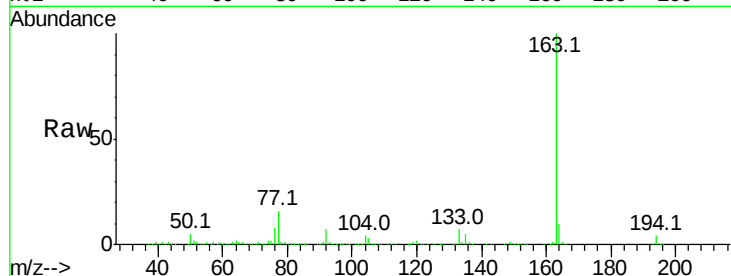




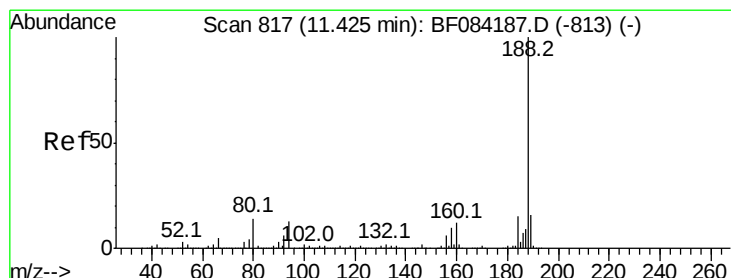
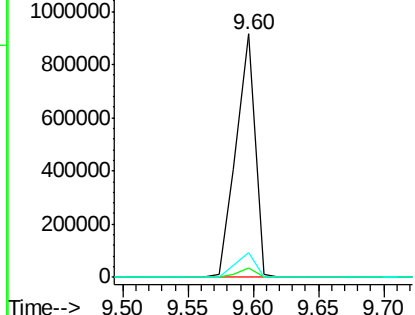
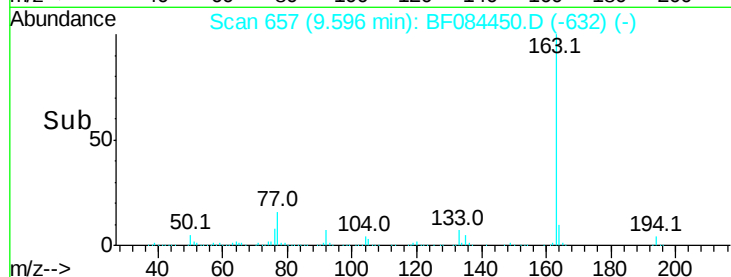
#49
Dimethylphthalate
Concen: 26.49 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF084450.D
Acq: 13 Jan 2016 19:17

Instrument :
BNA_F
ClientSampleId :
WHRB1A

Tot Ion:163 Resp: 925348
Ion Ratio Lower Upper
163 100
194 3.7 8.0 12.0#
164 10.0 8.0 12.0

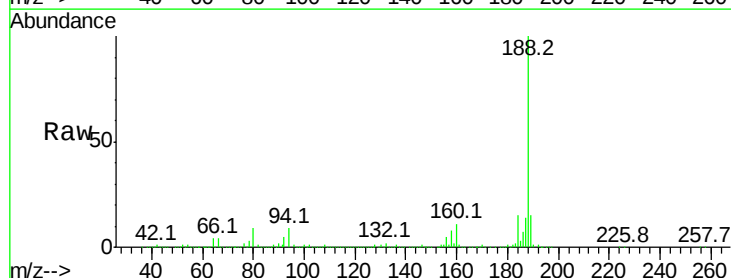


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

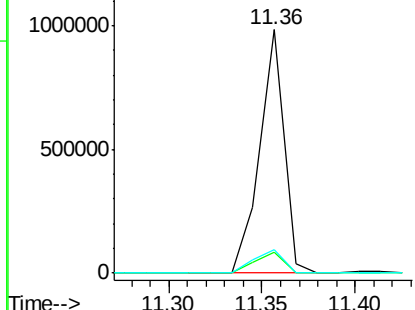
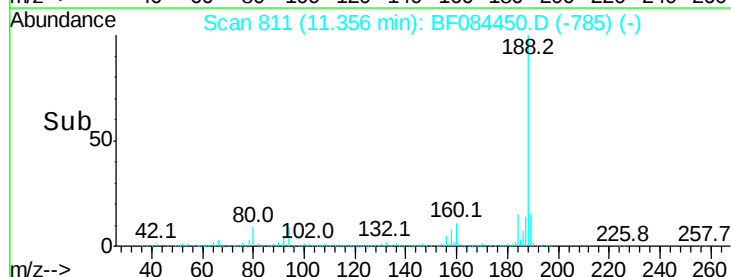


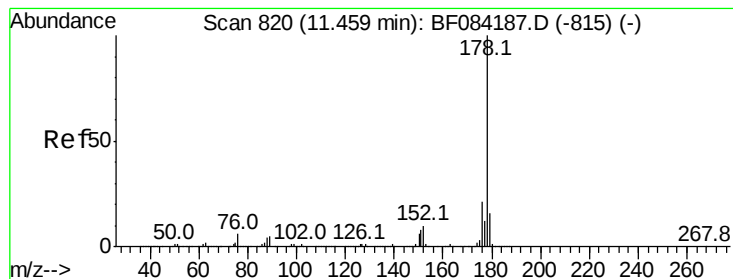
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF084450.D
Acq: 13 Jan 2016 19:17

Tgt Ion:188 Resp: 888318
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 9.5 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: 3.69 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF084450.D

Acq: 13 Jan 2016 19:17

Instrument :

BNA_F

ClientSampleId :

WHRB1A

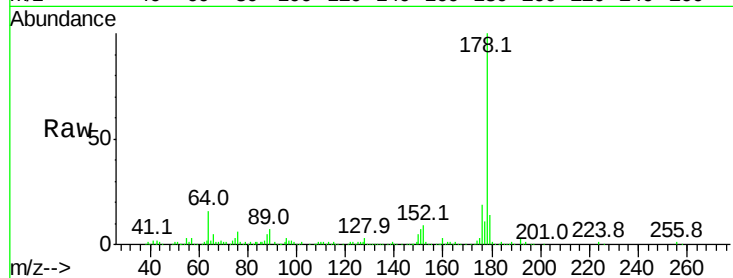
Tot Ion:178 Resp: 171438

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

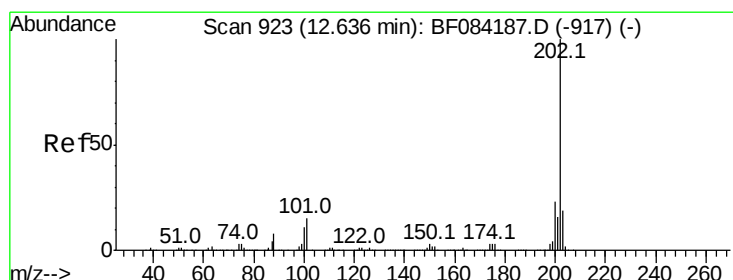
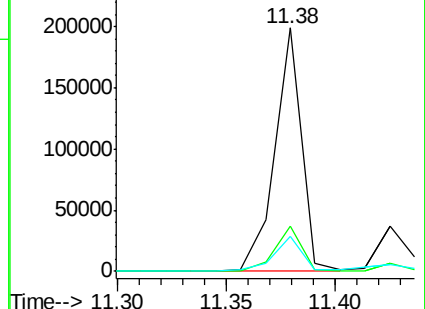
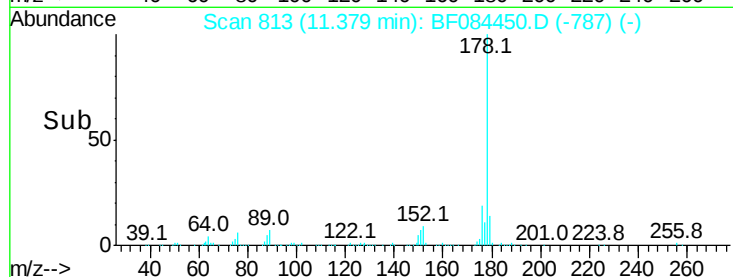
179 14.4 12.0 18.0



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: 4.13 ng

RT: 12.58 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF084450.D

Acq: 13 Jan 2016 19:17

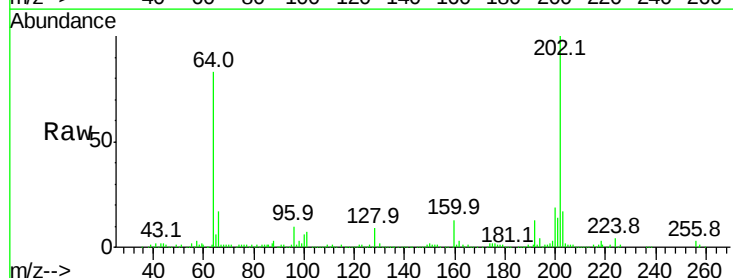
Tgt Ion:202 Resp: 200469

Ion Ratio Lower Upper

202 100

101 7.4 0.0 32.8

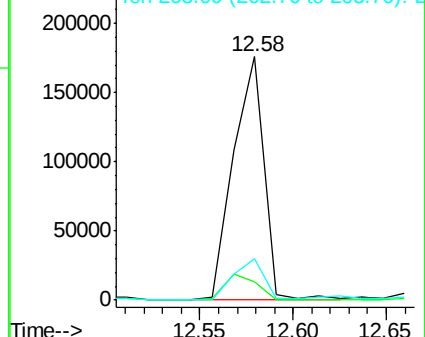
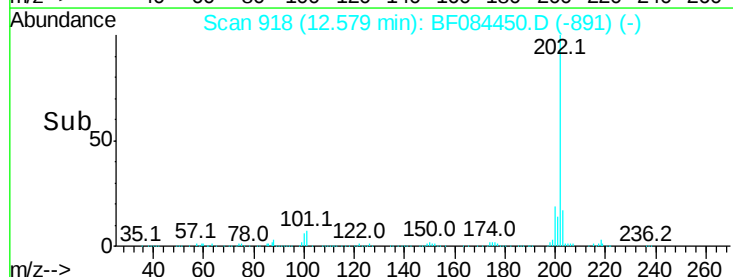
203 16.9 0.0 37.9

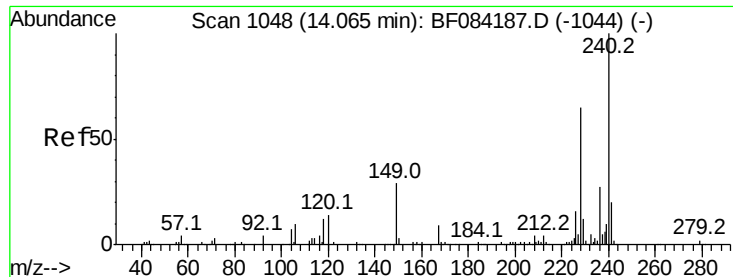


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084450.D

Acq: 13 Jan 2016 19:17

Instrument :

BNA_F

ClientSampleId :

WHRB1A

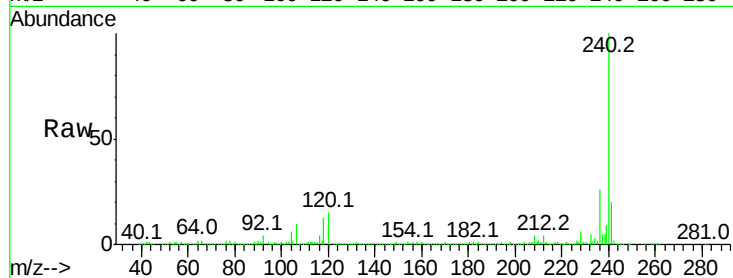
Tot Ion:240 Resp: 652746

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

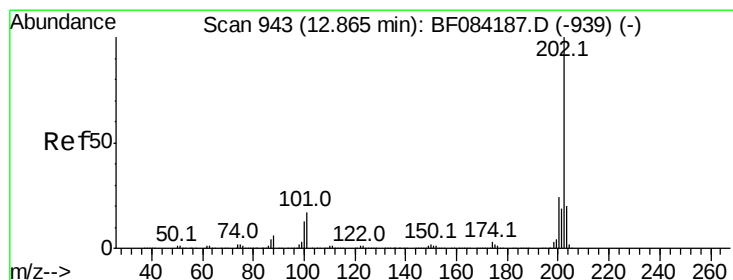
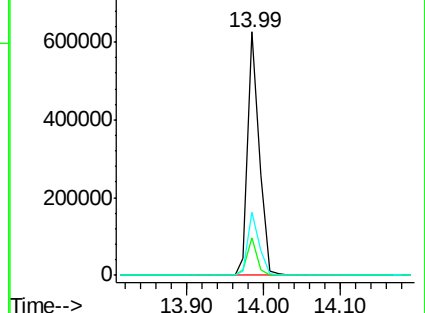
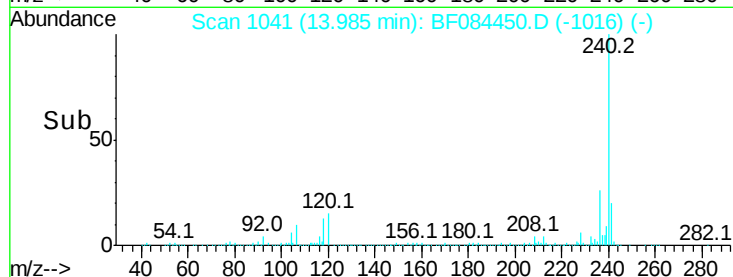
236 25.8 20.6 31.0



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: 3.27 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084450.D

Acq: 13 Jan 2016 19:17

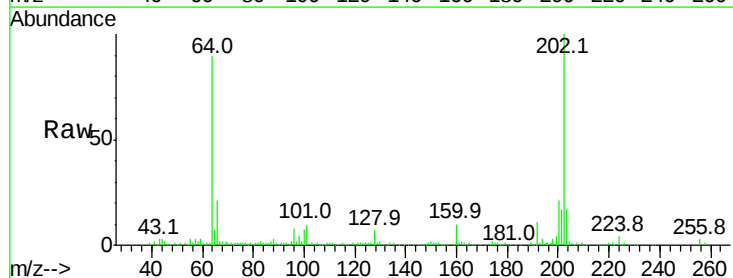
Tgt Ion:202 Resp: 167730

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

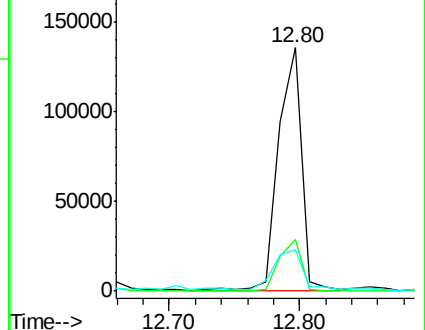
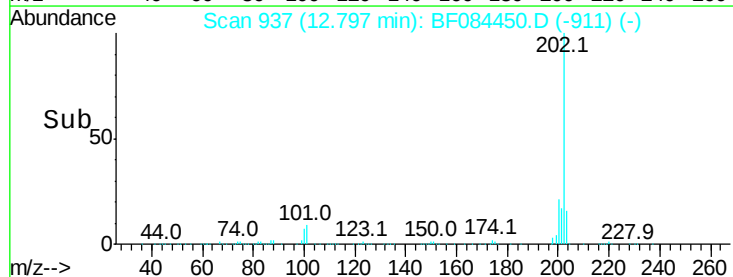
203 17.2 14.3 21.5

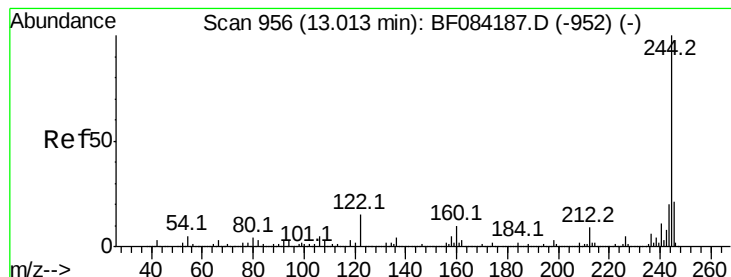


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.94 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF084450.D

Acq: 13 Jan 2016 19:17

Instrument :

BNA_F

ClientSampleId :

WHRB1A

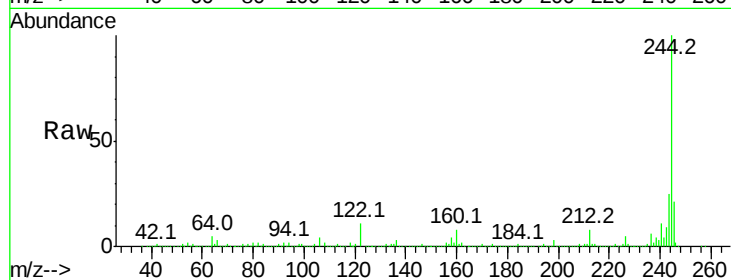
Tot Ion:244 Resp: 1899040

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

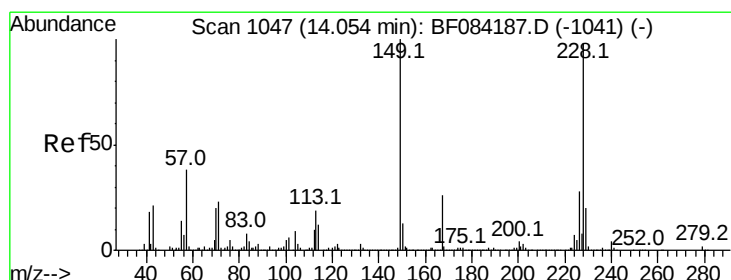
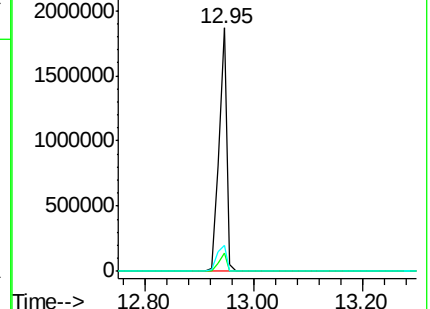
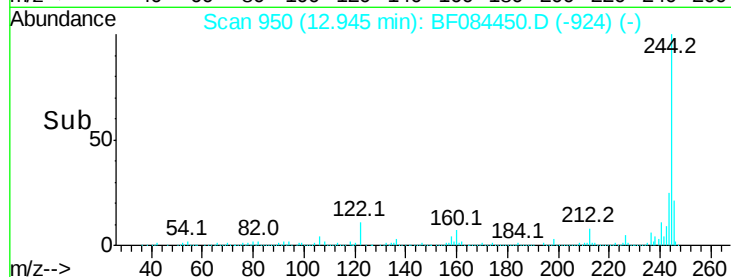
122 10.8 7.4 11.0



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



#80

Benzo(a)anthracene

Concen: 2.63 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF084450.D

Acq: 13 Jan 2016 19:17

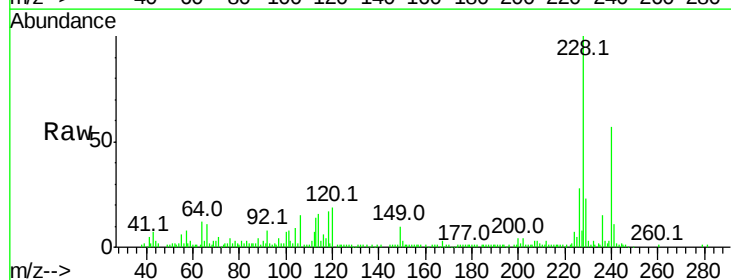
Tgt Ion:228 Resp: 100754

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

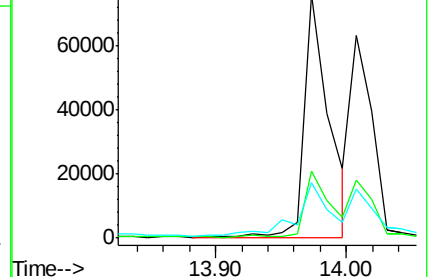
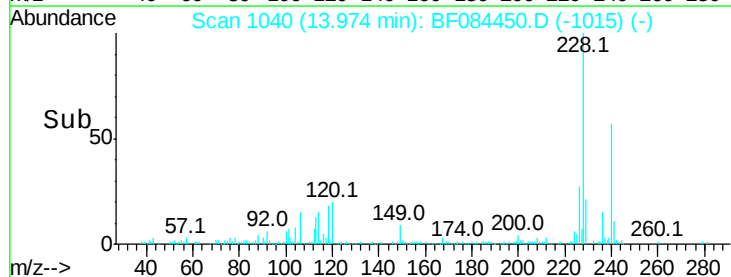
229 22.8 15.8 23.8

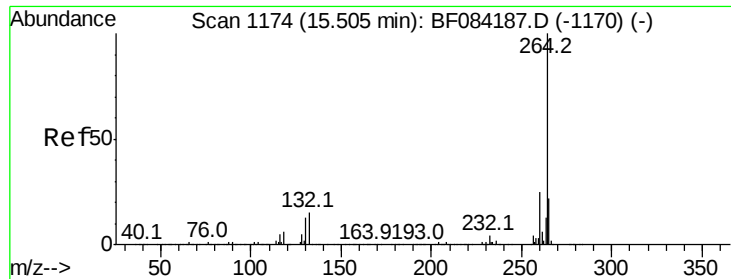


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

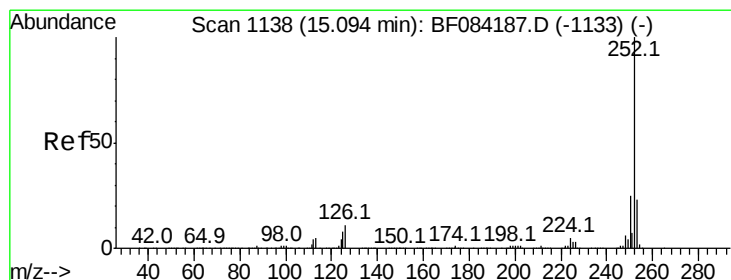
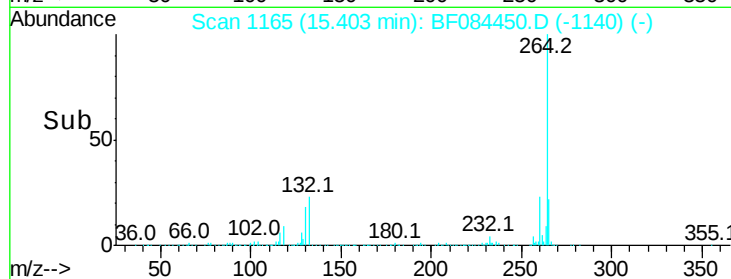
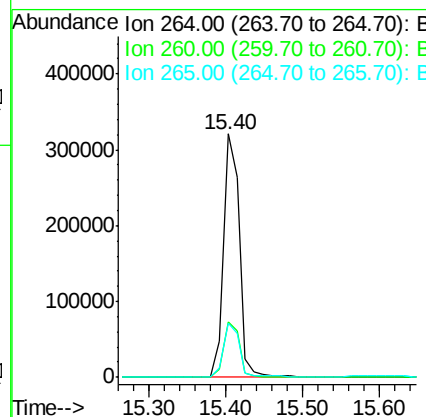
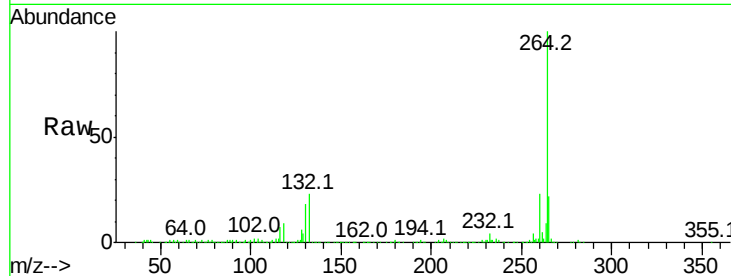




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF084450.D
 Acq: 13 Jan 2016 19:17

Instrument :
 BNA_F
 ClientSampleId :
 WHRB1A

Tot Ion:264 Resp: 466182
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.2
 265 22.2 17.8 26.6



#87
 Benzo(b)fluoranthene
 Concen: 2.36 ng m
 RT: 15.00 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF084450.D
 Acq: 13 Jan 2016 19:17

Tgt Ion:252 Resp: 71957
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.3 25.9
 125 13.4 6.5 9.7#

