

Data Path : Z:\HPCHEM1\BNA F\Data\BF093016\
 Data File : BF090317.D
 Acq On : 30 Sep 2016 17:08
 Operator : UM/SJ
 Sample : H5025-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-4

Quant Time: Sep 30 18:22:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

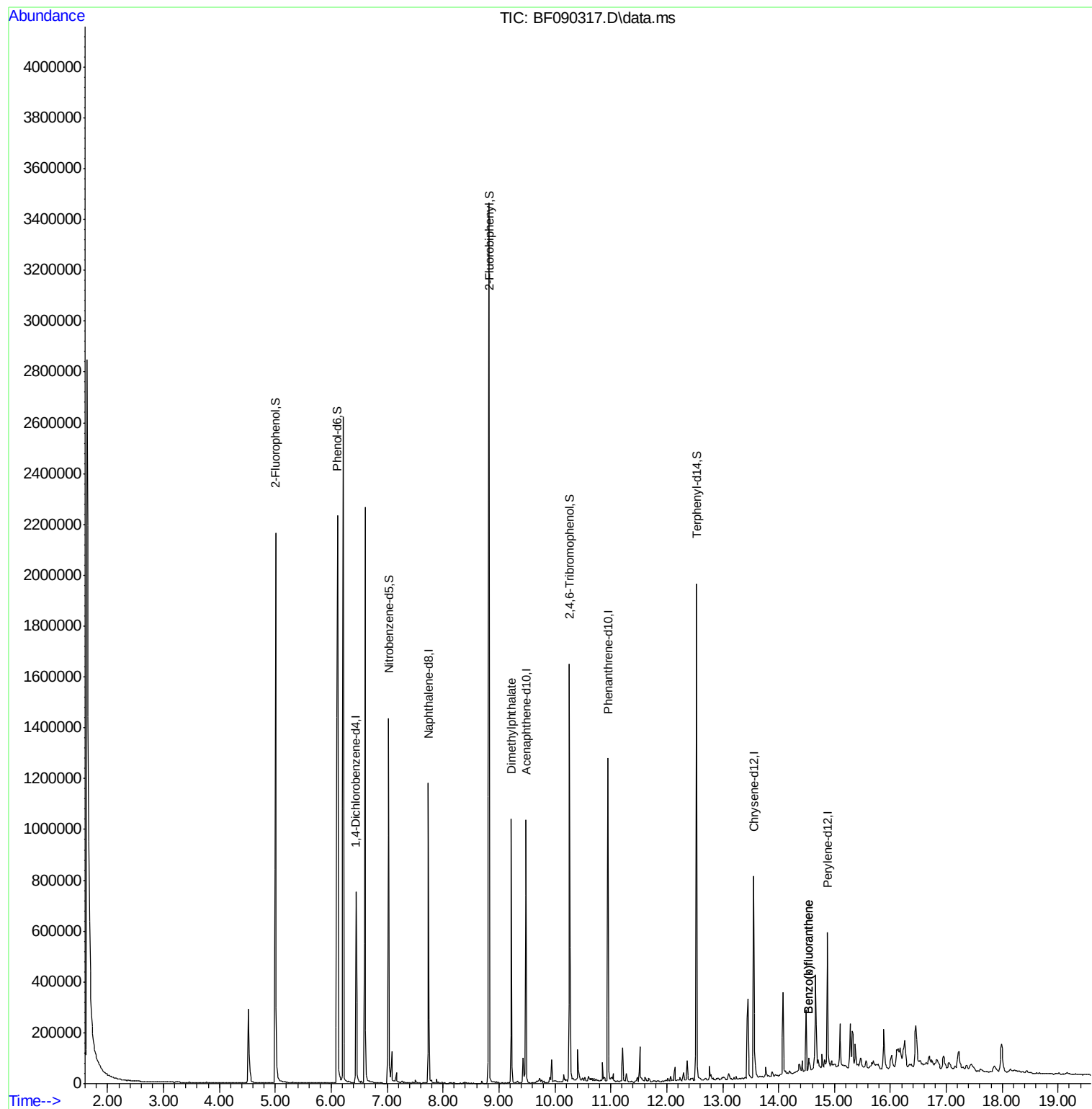
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.444	152	139475	20.00	ng	-0.03
21) Naphthalene-d8	7.736	136	560377	20.00	ng	-0.03
38) Acenaphthene-d10	9.485	164	309606	20.00	ng	-0.02
63) Phenanthrene-d10	10.948	188	456422	20.00	ng	-0.03
75) Chrysene-d12	13.554	240	281870	20.00	ng	-0.05
86) Perylene-d12	14.879	264	261002	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	762368	89.10	ng	-0.02
7) Phenol-d6	6.113	99	1168729	110.60	ng	-0.02
23) Nitrobenzene-d5	7.027	82	696203	72.02	ng	-0.03
41) 2,4,6-Tribromophenol	10.262	330	237087	89.26	ng	-0.03
44) 2-Fluorobiphenyl	8.822	172	1145604	72.64	ng	-0.03
78) Terphenyl-d14	12.536	244	845658	76.17	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.222	163	423076	21.45	ng	Qvalue 100
87) Benzo(b)fluoranthene	14.537	252	32819	2.27	ng	97
88) Benzo(k)fluoranthene	14.537	252	32819	2.42	ng	# 93

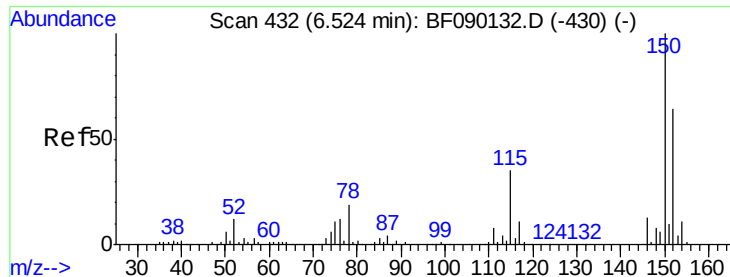
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF093016\
Data File : BF090317.D
Acq On : 30 Sep 2016 17:08
Operator : UM/SJ
Sample : H5025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-4

Quant Time: Sep 30 18:22:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

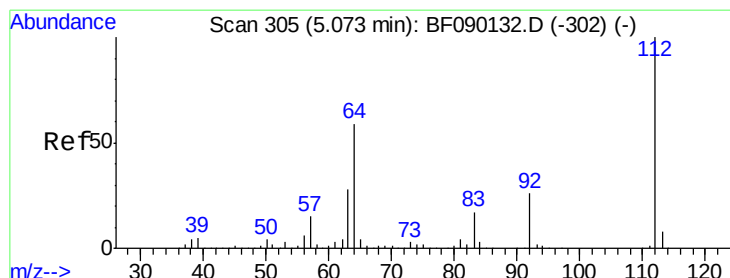
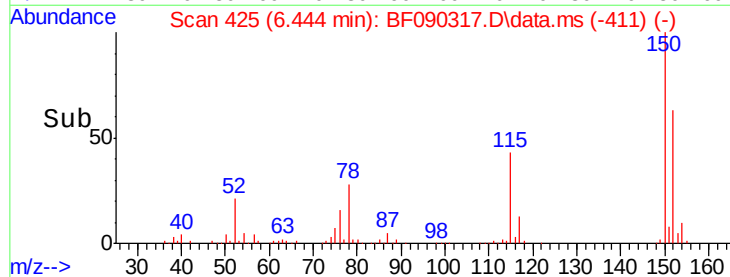
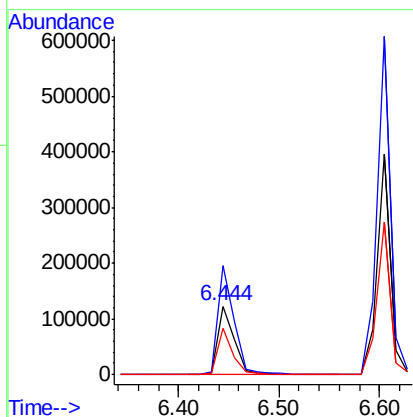
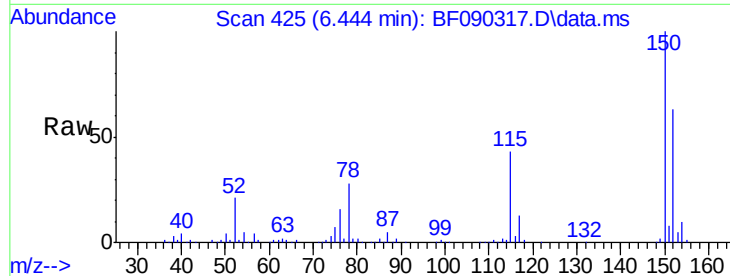




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.444 min Scan# 42
 Delta R.T. -0.034 min
 Lab File: BF090317.D
 Acq: 30 Sep 2016 17:08

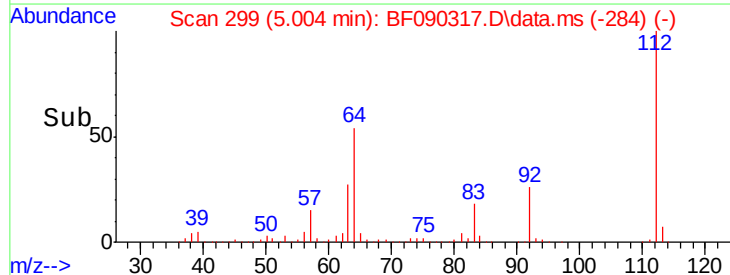
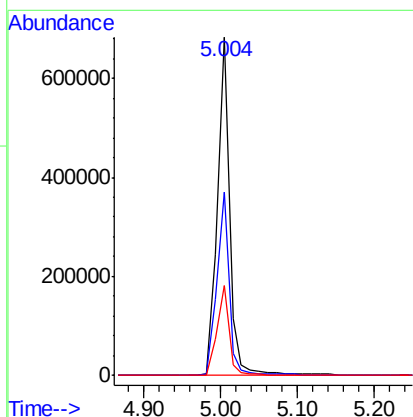
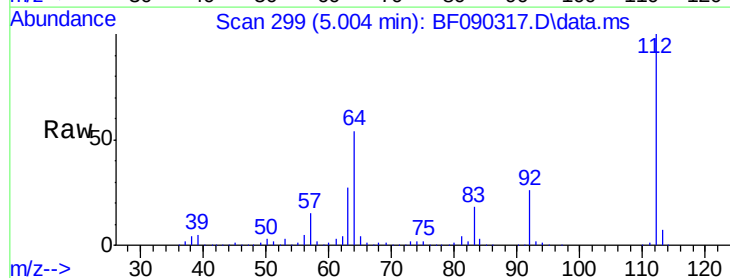
Instrument :
 BNA_F
 ClientSampleId :
 PA-4

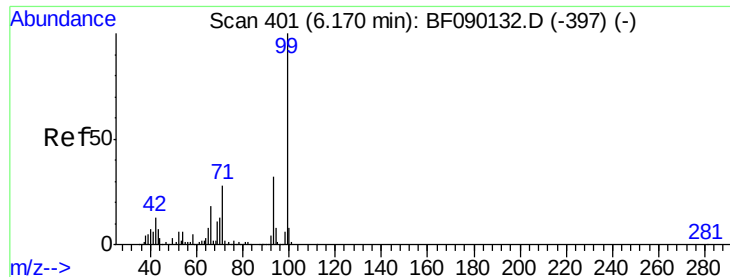
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	128.9	193.3
115	68.1	55.5	83.3



#5
 2-Fluorophenol
 Concen: 89.10 ng
 RT: 5.004 min Scan# 299
 Delta R.T. -0.023 min
 Lab File: BF090317.D
 Acq: 30 Sep 2016 17:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	39.8	59.6
63	26.7	18.9	28.3





#7

Phenol-d6

Concen: 110.60 ng

RT: 6.113 min Scan# 39

Delta R.T. -0.023 min

Lab File: BF090317.D

Acq: 30 Sep 2016 17:08

Instrument :

BNA_F

ClientSampled :

PA-4

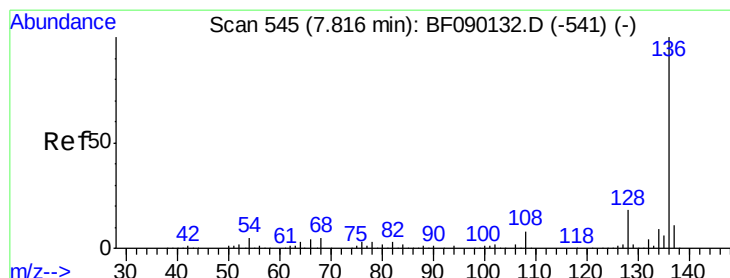
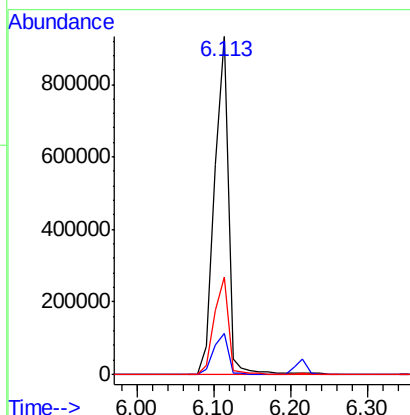
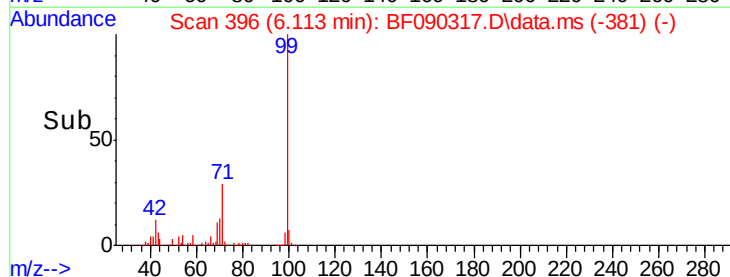
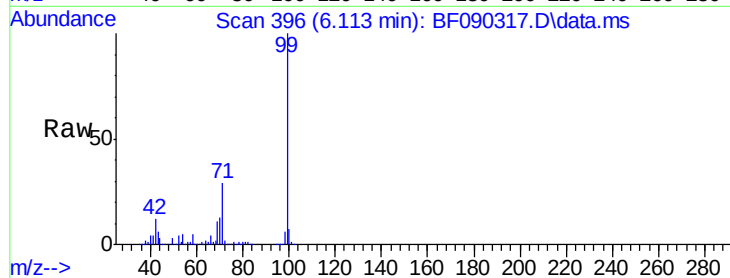
Tot Ion: 99 Resp: 1168729

Ion Ratio Lower Upper

99 100

42 12.2 10.6 15.8

71 29.0 23.0 34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.736 min Scan# 538

Delta R.T. -0.034 min

Lab File: BF090317.D

Acq: 30 Sep 2016 17:08

Tgt Ion: 136 Resp: 560377

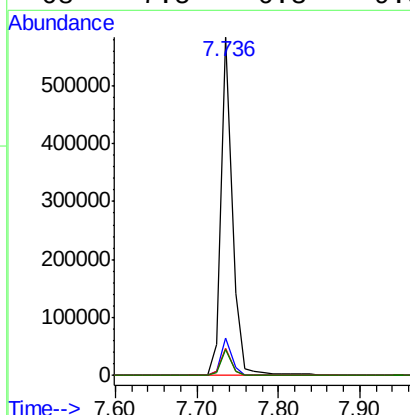
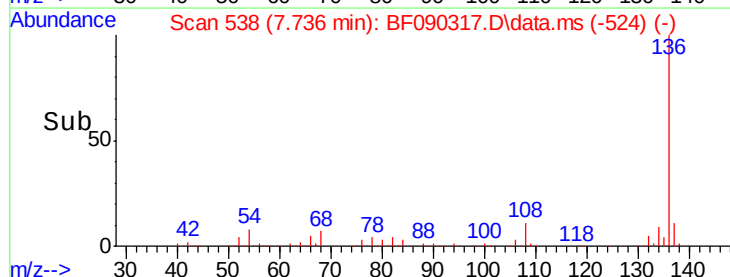
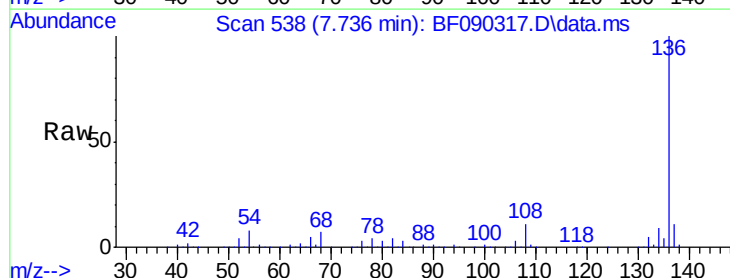
Ion Ratio Lower Upper

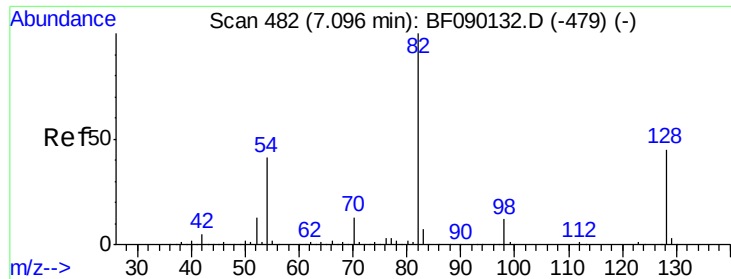
136 100

137 11.1 9.0 13.4

54 7.9 6.4 9.6

68 7.5 6.3 9.5

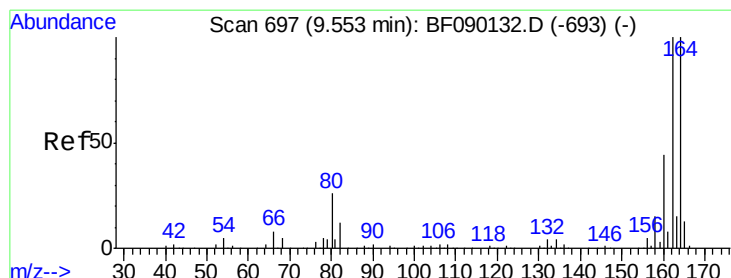
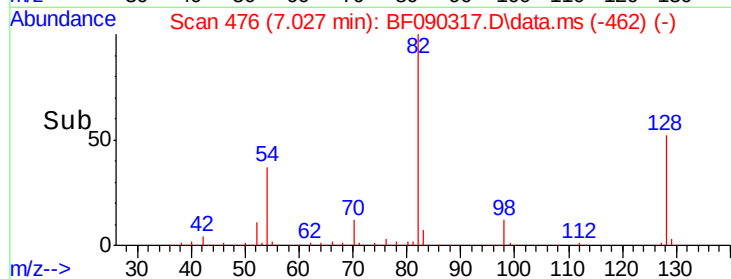
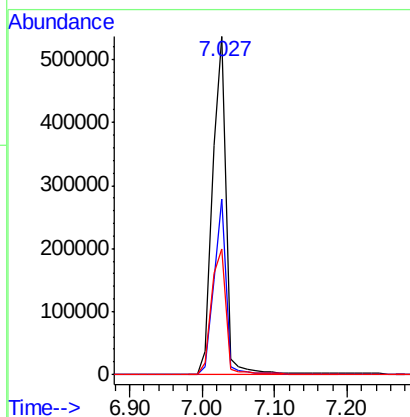
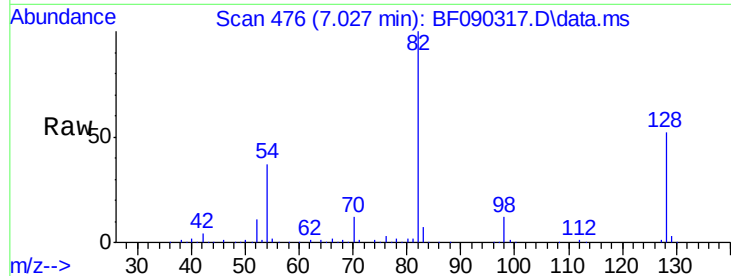




#23
 Nitrobenzene-d5
 Concen: 72.02 ng
 RT: 7.027 min Scan# 47
 Delta R.T. -0.034 min
 Lab File: BF090317.D
 Acq: 30 Sep 2016 17:08

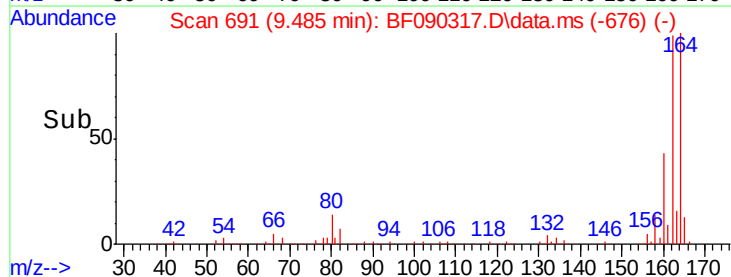
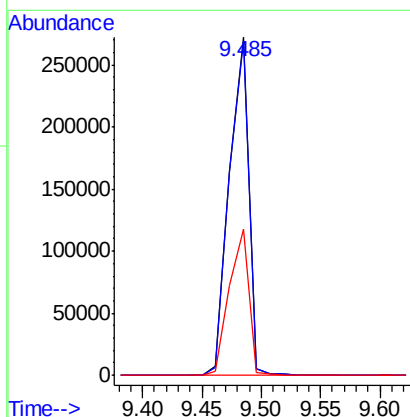
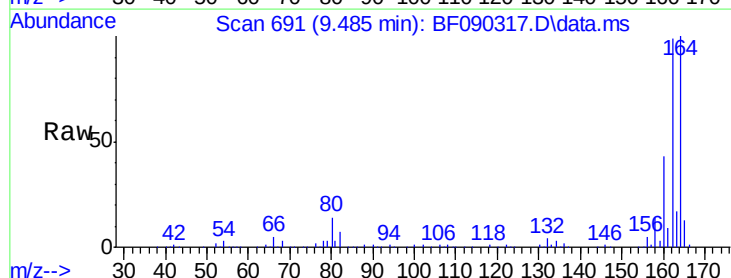
Instrument :
 BNA_F
 ClientSampleId :
 PA-4

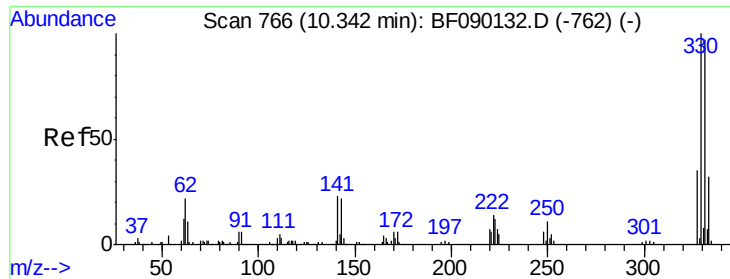
Tot Ion: 82 Resp: 696203
 Ion Ratio Lower Upper
 82 100
 128 51.8 37.5 56.3
 54 37.2 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.485 min Scan# 691
 Delta R.T. -0.023 min
 Lab File: BF090317.D
 Acq: 30 Sep 2016 17:08

Tgt Ion: 164 Resp: 309606
 Ion Ratio Lower Upper
 164 100
 162 99.0 81.4 122.2
 160 43.4 36.6 54.8

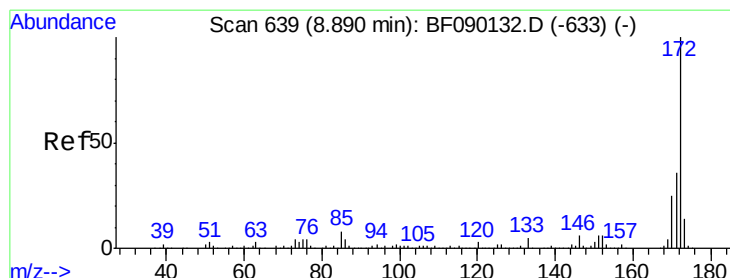
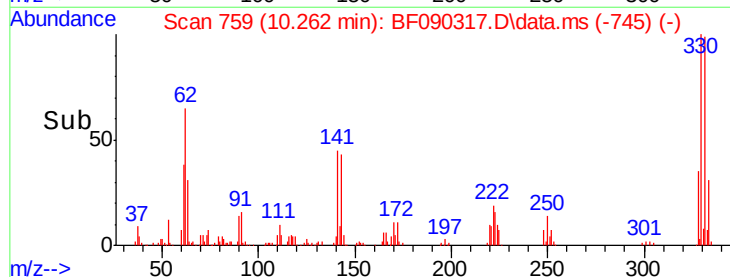
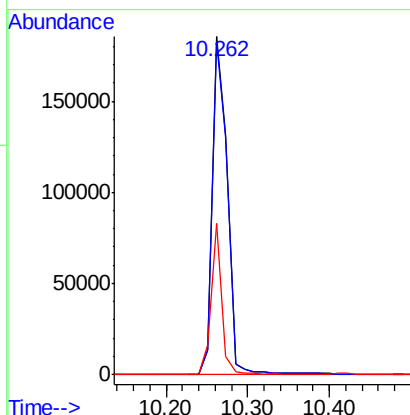
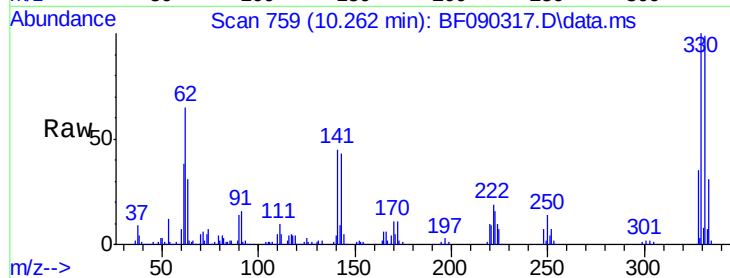




#41
 2,4,6-Tribromophenol
 Concen: 89.26 ng
 RT: 10.262 min Scan# 75
 Delta R.T. -0.034 min
 Lab File: BF090317.D
 Acq: 30 Sep 2016 17:08

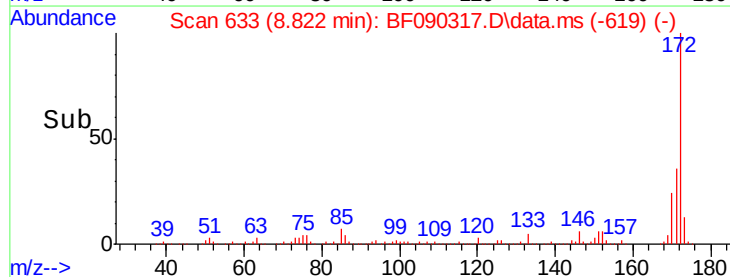
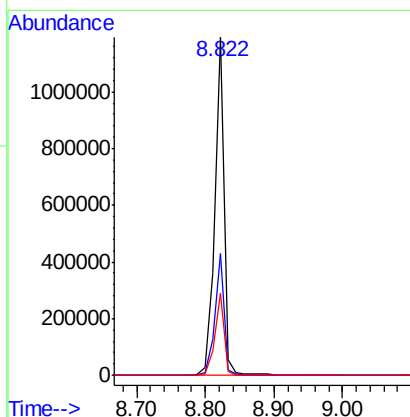
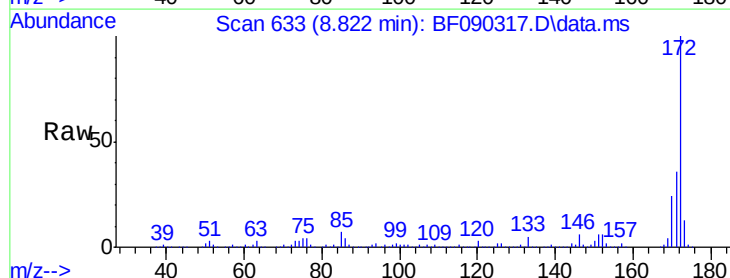
Instrument :
 BNA_F
 ClientSampleId :
 PA-4

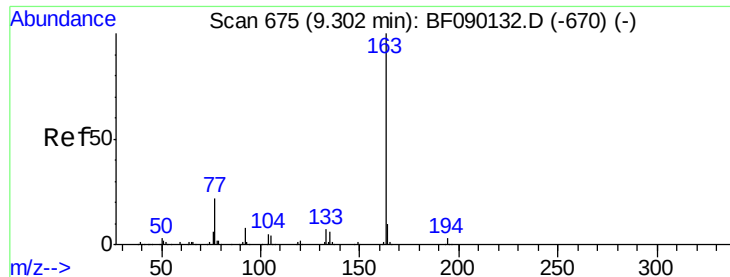
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	78.1	117.1
141	33.2	23.9	35.9



#44
 2-Fluorobiphenyl
 Concen: 72.64 ng
 RT: 8.822 min Scan# 633
 Delta R.T. -0.034 min
 Lab File: BF090317.D
 Acq: 30 Sep 2016 17:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.2	19.8	29.8





#49

Dimethylphthalate

Concen: 21.45 ng

RT: 9.222 min Scan# 66

Delta R.T. -0.046 min

Lab File: BF090317.D

Acq: 30 Sep 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PA-4

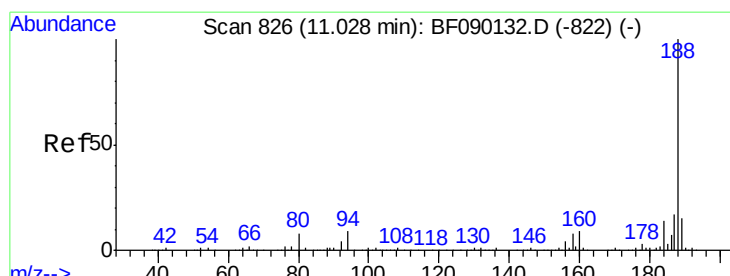
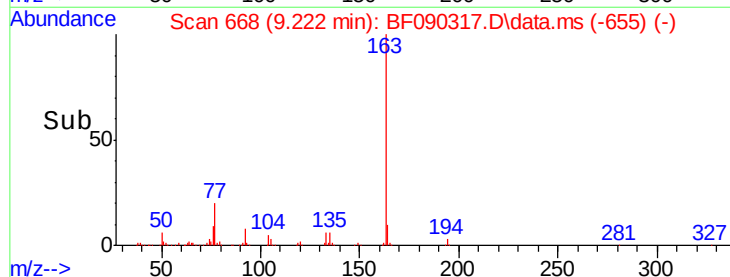
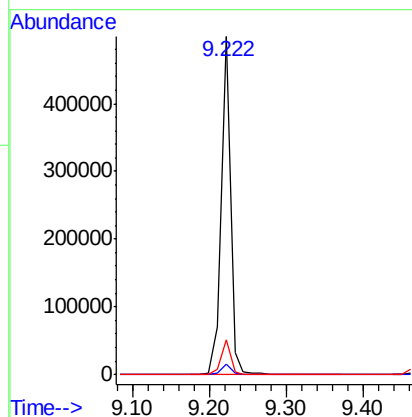
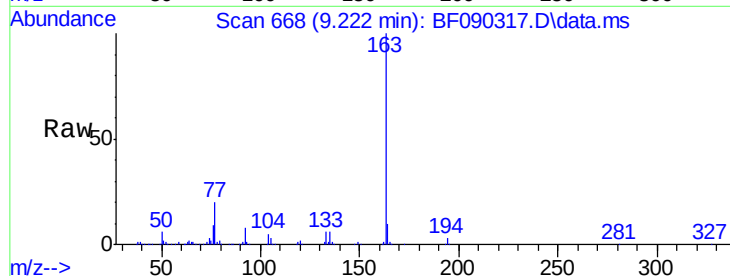
Tot Ion:163 Resp: 423076

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

164 10.1 8.1 12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.948 min Scan# 819

Delta R.T. -0.034 min

Lab File: BF090317.D

Acq: 30 Sep 2016 17:08

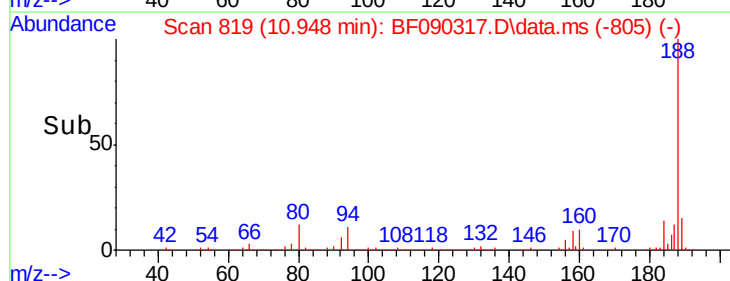
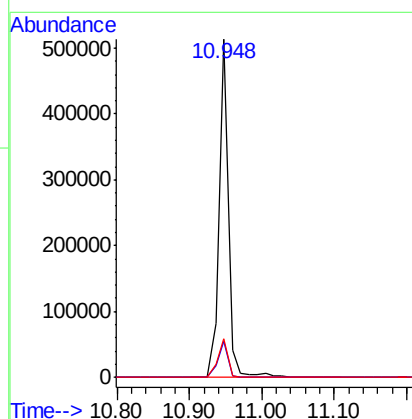
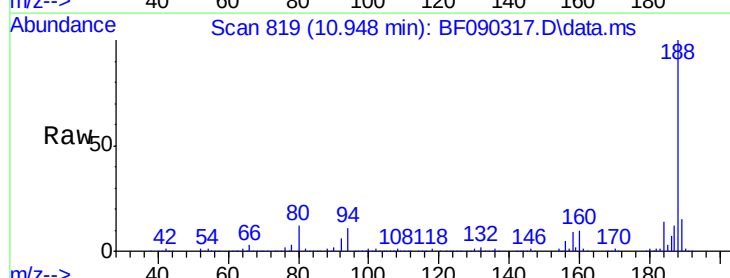
Tgt Ion:188 Resp: 456422

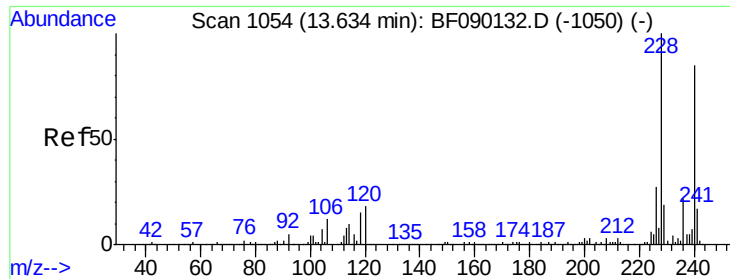
Ion Ratio Lower Upper

188 100

94 10.8 10.5 15.7

80 11.6 11.2 16.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.554 min Scan# 10

Delta R.T. -0.046 min

Lab File: BF090317.D

Acq: 30 Sep 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PA-4

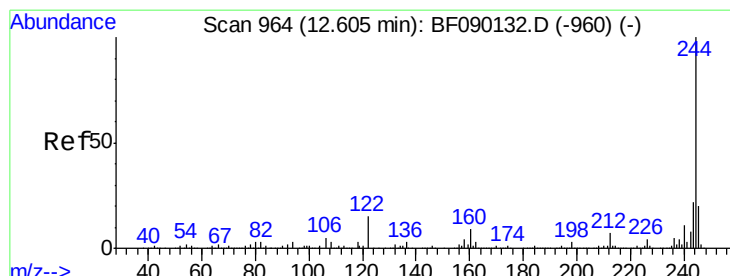
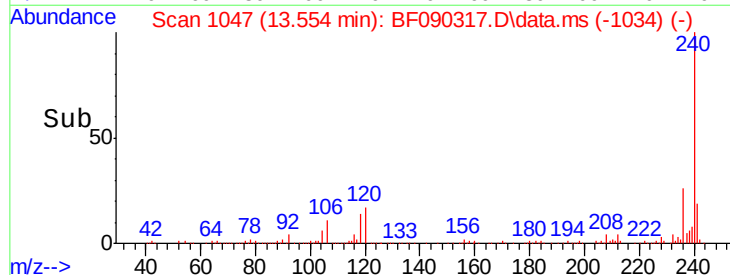
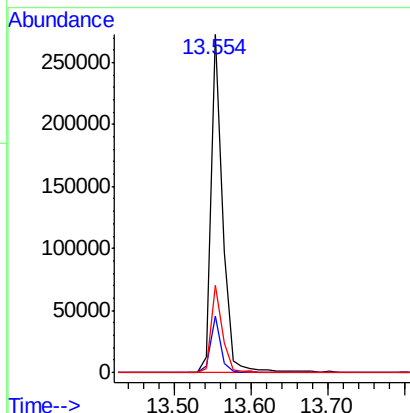
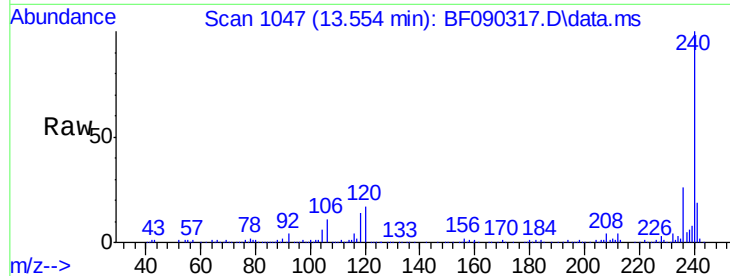
Tot Ion:240 Resp: 281870

Ion Ratio Lower Upper

240 100

120 16.7 10.6 16.0#

236 25.7 21.6 32.4



#78

Terphenyl-d14

Concen: 76.17 ng

RT: 12.536 min Scan# 958

Delta R.T. -0.023 min

Lab File: BF090317.D

Acq: 30 Sep 2016 17:08

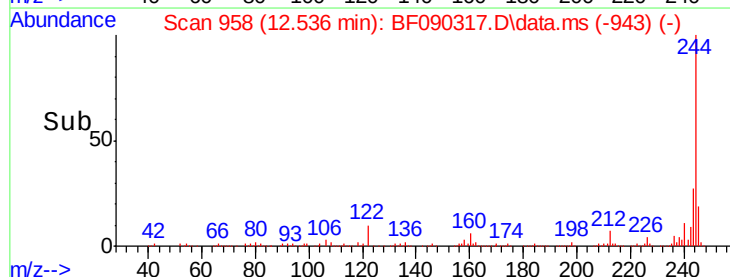
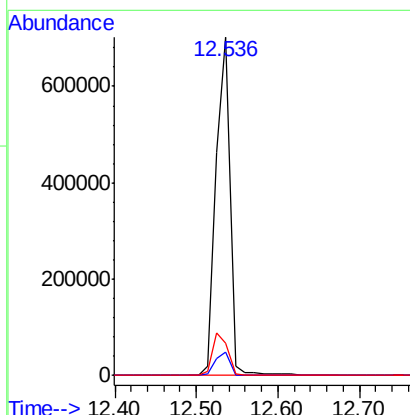
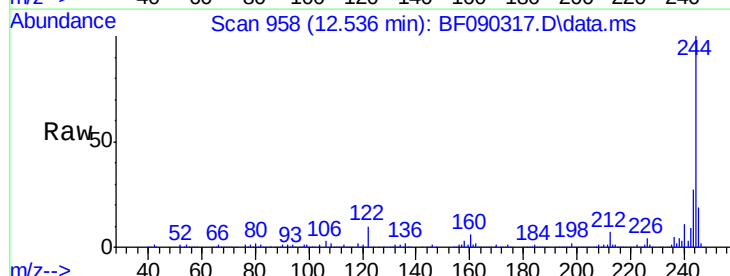
Tgt Ion:244 Resp: 845658

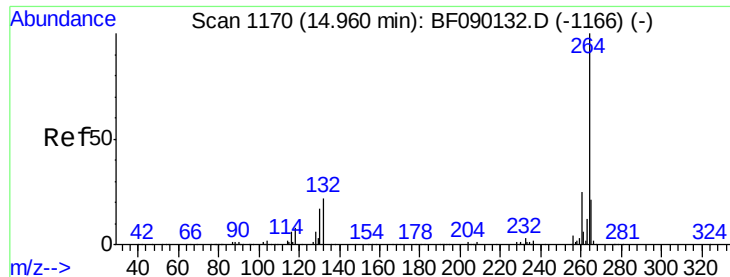
Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 9.6 9.4 14.0

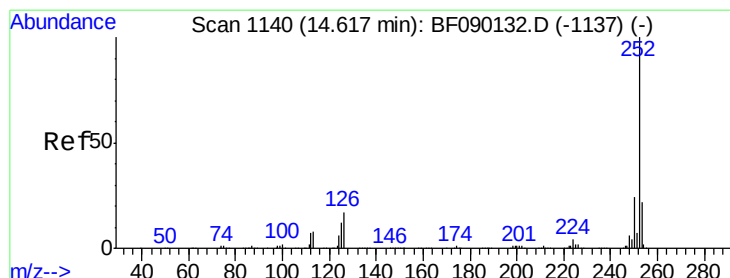
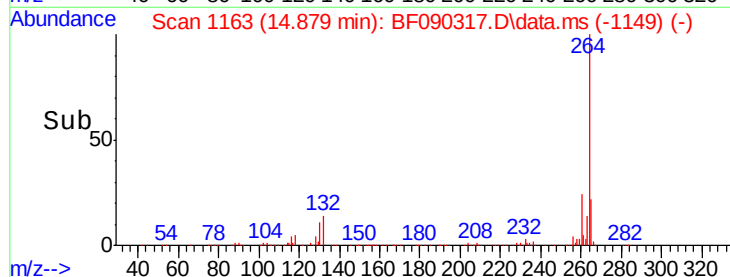
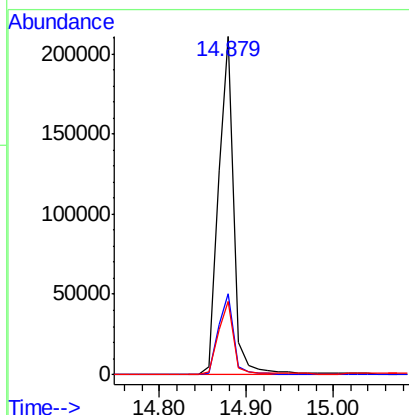
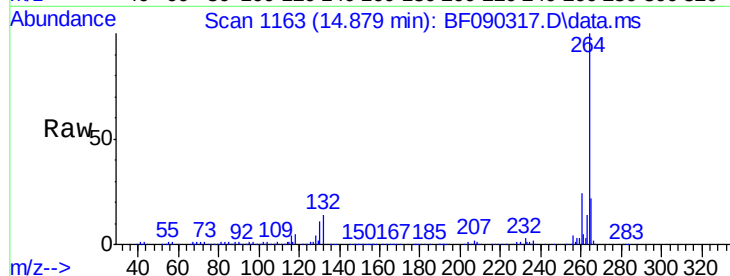




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.879 min Scan# 1170
Delta R.T. -0.034 min
Lab File: BF090317.D
Acq: 30 Sep 2016 17:08

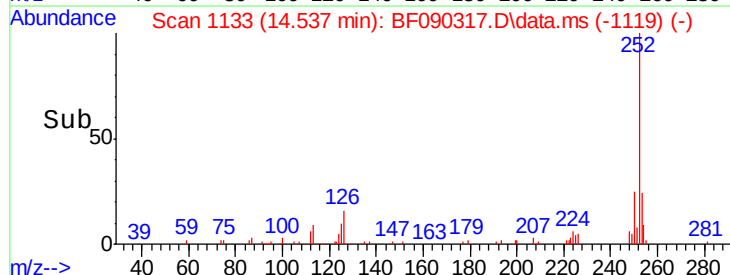
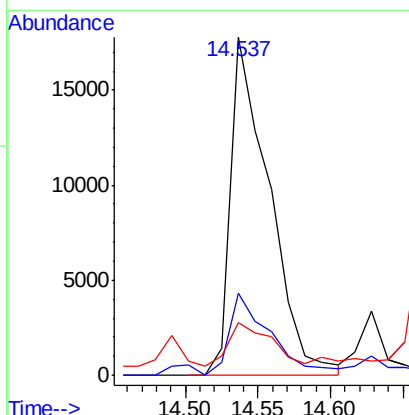
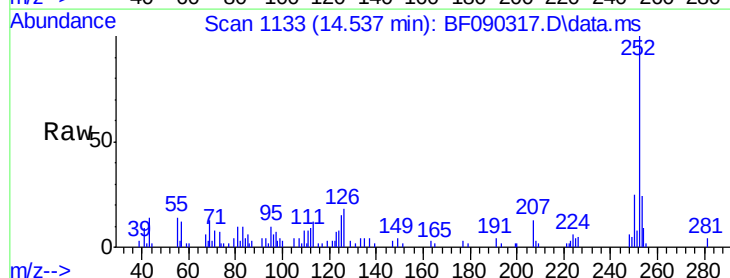
Instrument :
BNA_F
ClientSampleId :
PA-4

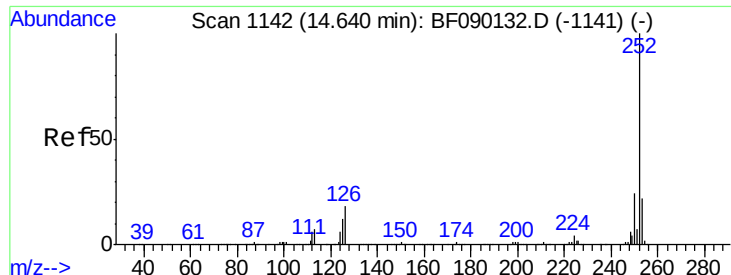
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.7	17.0	25.4



#87
Benzo(b)fluoranthene
Concen: 2.27 ng
RT: 14.537 min Scan# 1133
Delta R.T. -0.034 min
Lab File: BF090317.D
Acq: 30 Sep 2016 17:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	15.4	12.7	19.1





#88

Benzo(k)fluoranthene

Concen: 2.42 ng

RT: 14.537 min Scan# 11

Delta R.T. -0.057 min

Lab File: BF090317.D

Acq: 30 Sep 2016 17:08

Instrument :

BNA_F

ClientSampleId :

PA-4

Tot Ion:252 Resp: 32819

Ion Ratio Lower Upper

252 100

253 24.2 17.8 26.8

125 15.4 7.8 11.6#

