

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090569.D
 Acq On : 14 Oct 2016 14:44
 Operator : UM/SJ
 Sample : H5192-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 15:25:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 02:03:28 2016
 Response via : Initial Calibration

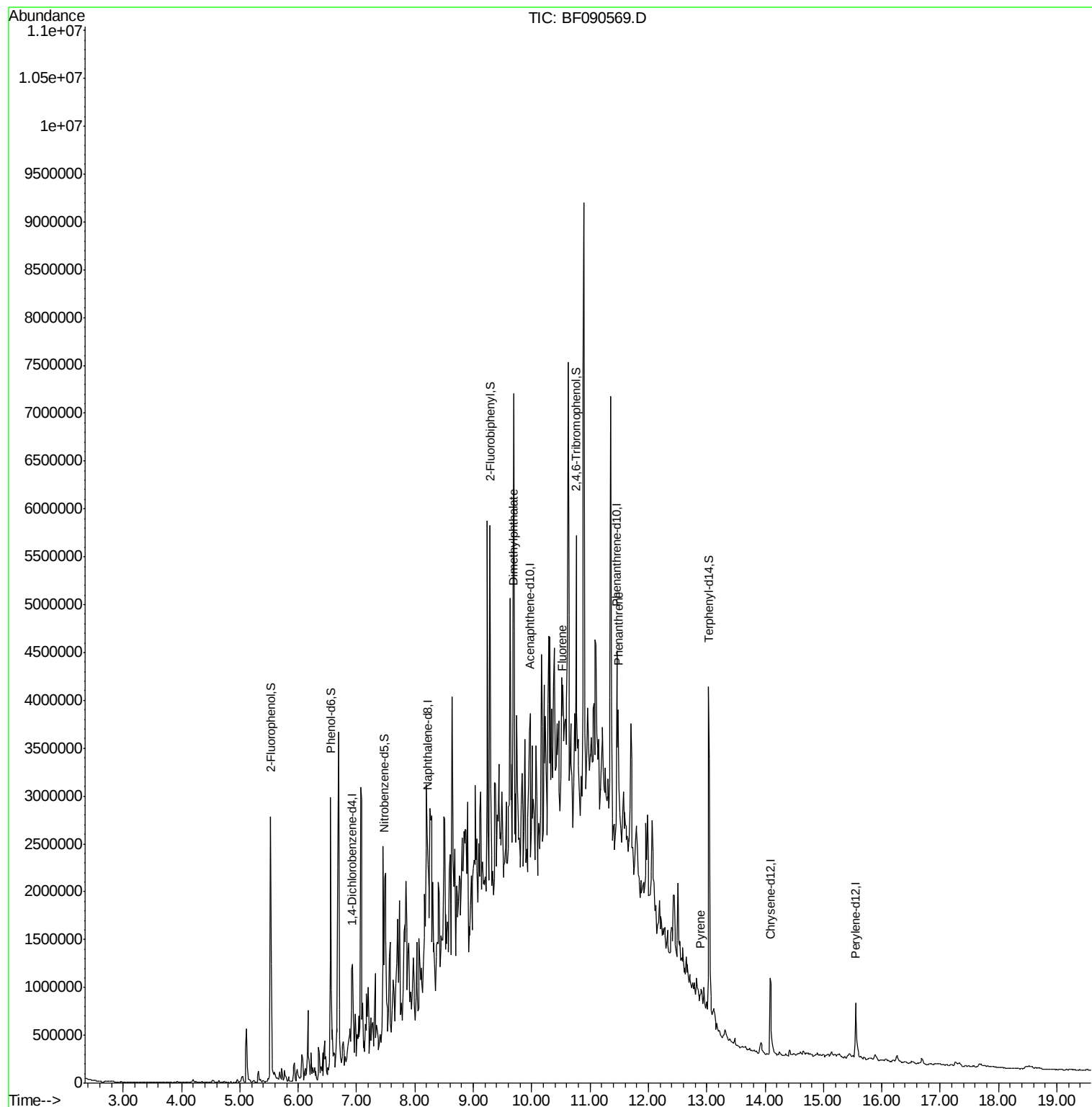
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	188369	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	738526	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	403900	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	821982	20.00	ng	0.00
75) Chrysene-d12	14.10	240	507420	20.00	ng	0.00
86) Perylene-d12	15.55	264	389301	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1139458	110.89	ng	0.00
7) Phenol-d6	6.55	99	1605982	105.19	ng	0.00
23) Nitrobenzene-d5	7.48	82	829797	62.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.76	330	491783	136.57	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1593492	65.01	ng	0.00
78) Terphenyl-d14	13.03	244	1662757	76.30	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.69	163	440031	16.79	ng	# 93
57) Fluorene	10.52	166	189139	7.19	ng	# 87
70) Phenanthrene	11.48	178	671986	15.31	ng	# 96
77) Pyrene	12.90	202	122916	3.66	ng	# 94

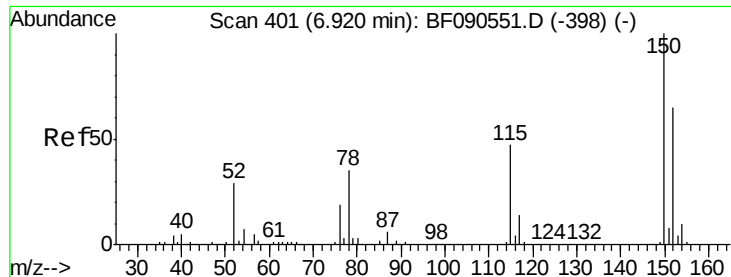
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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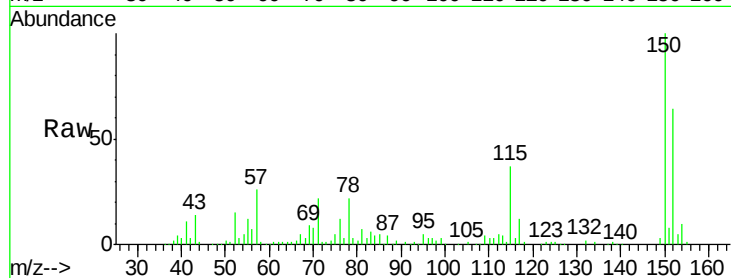


#1

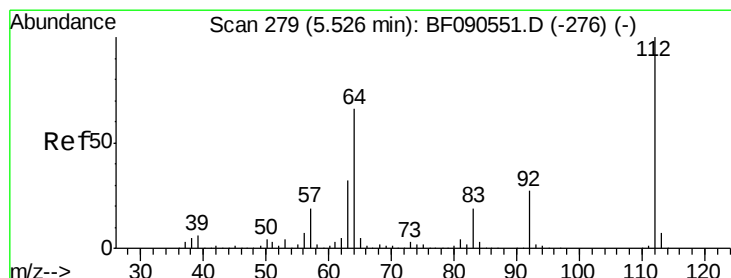
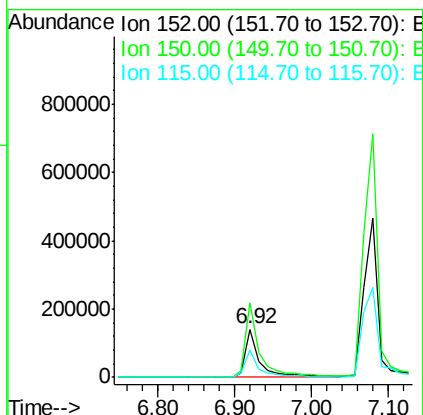
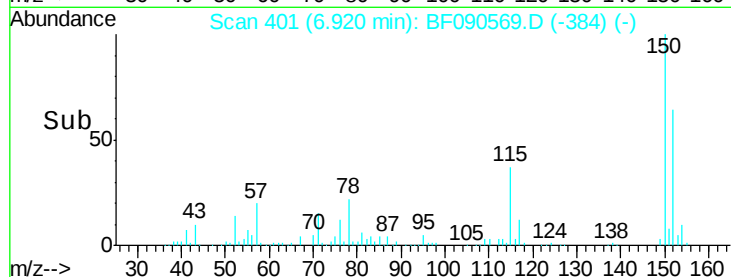
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF090569.D
Acq: 14 Oct 2016 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 188369
Ion Ratio Lower Upper
152 100
150 155.2 127.2 190.8
115 56.8 58.6 88.0#



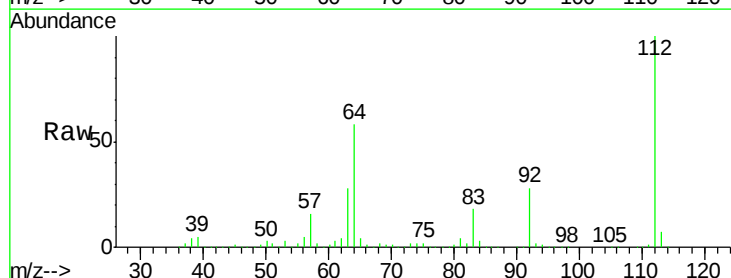
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



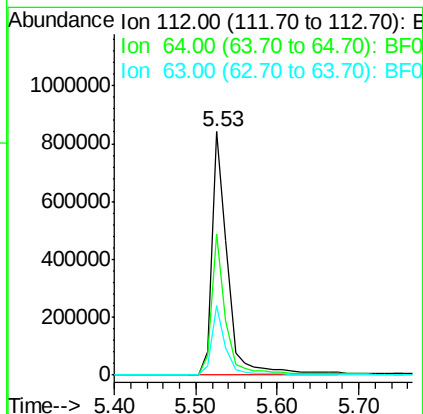
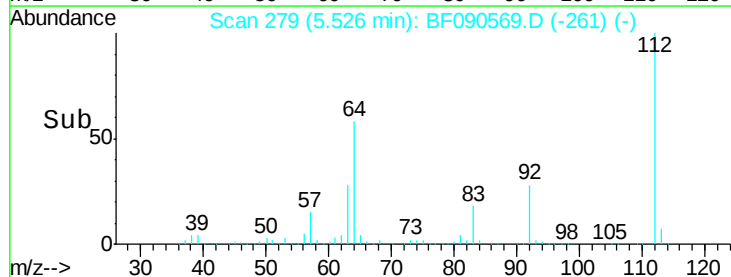
#5

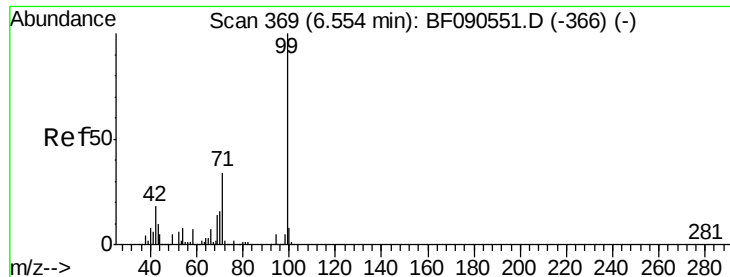
2-Fluorophenol
Concen: 110.89 ng
RT: 5.53 min Scan# 279
Delta R.T. 0.00 min
Lab File: BF090569.D
Acq: 14 Oct 2016 14:44

Tgt Ion:112 Resp: 1139458
Ion Ratio Lower Upper
112 100
64 58.0 52.6 78.8
63 28.4 26.0 39.0



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: 105.19 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090569.D

Acq: 14 Oct 2016 14:44

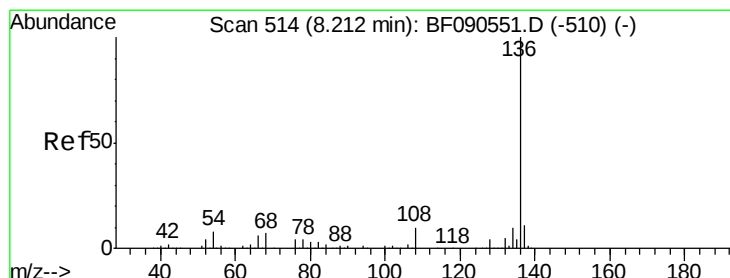
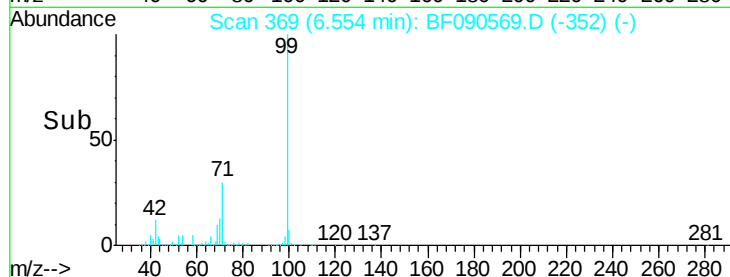
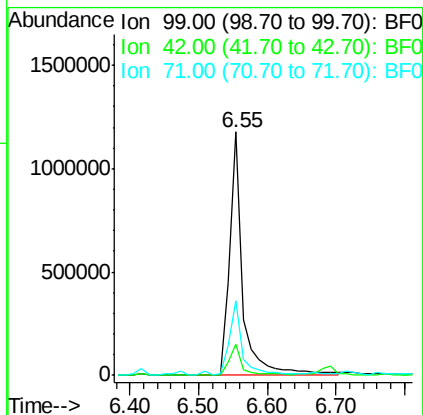
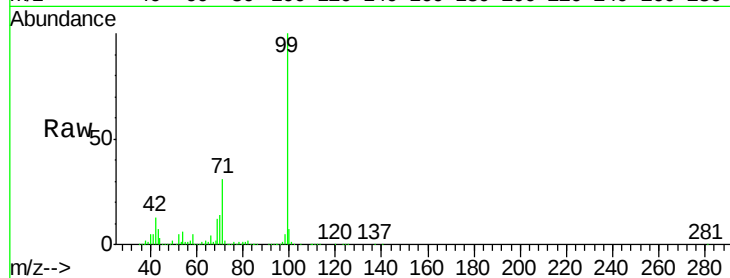
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1605982

Ion	Ratio	Lower	Upper
99	100		
42	12.6	14.7	22.1#
71	30.8	27.6	41.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 514

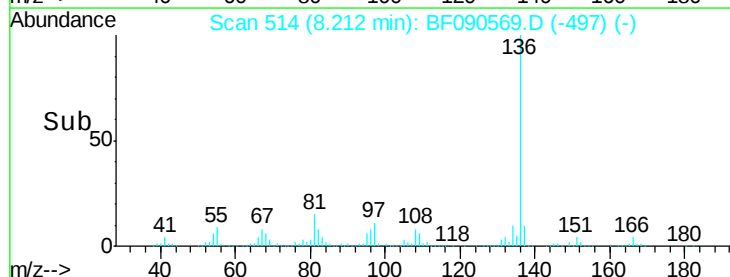
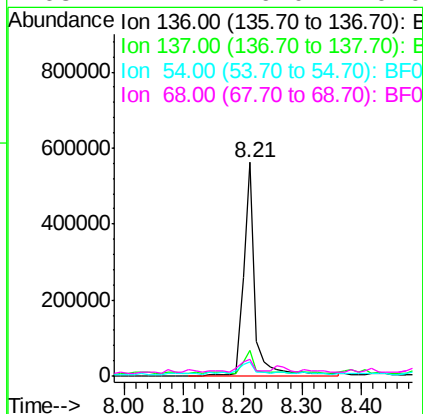
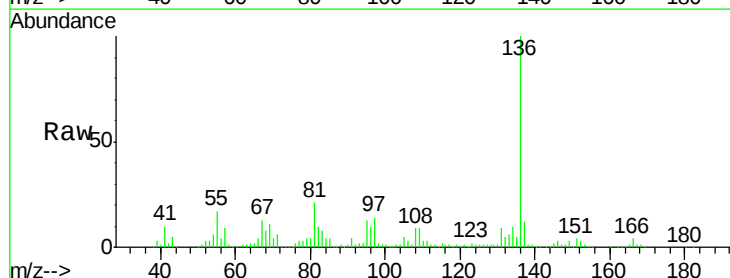
Delta R.T. -0.00 min

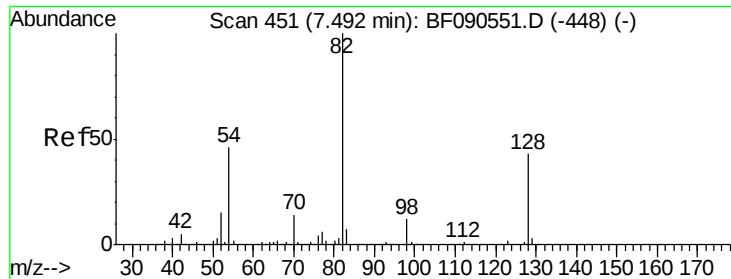
Lab File: BF090569.D

Acq: 14 Oct 2016 14:44

Tgt Ion: 136 Resp: 738526

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	6.3	6.8	10.2#
68	7.7	6.0	9.0

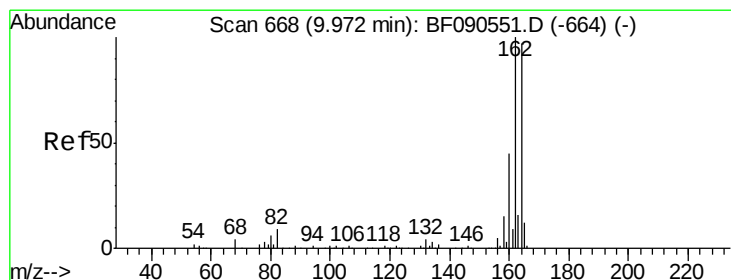
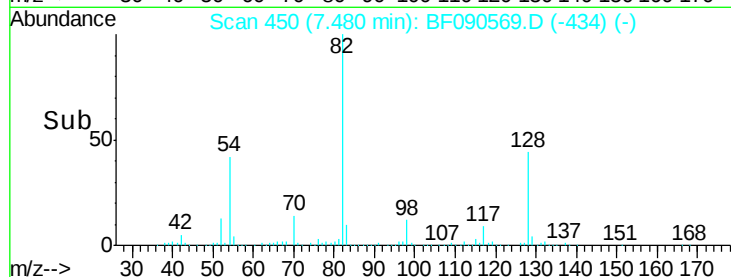
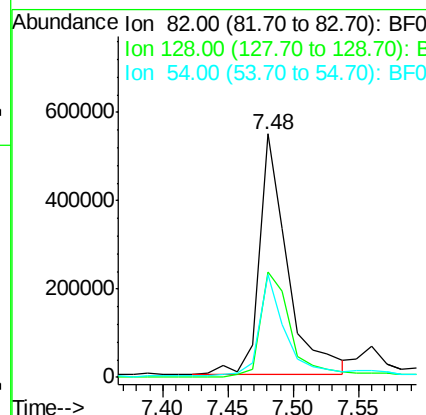
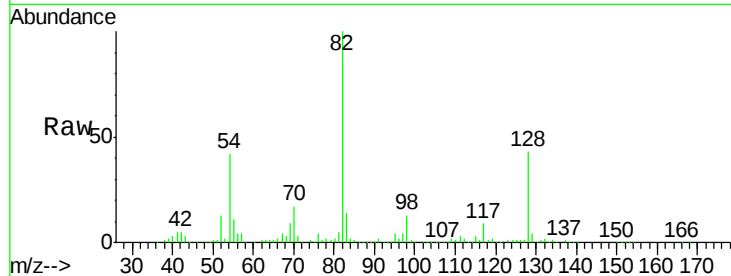




#23
 Nitrobenzene-d5
 Concen: 62.42 ng
 RT: 7.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF090569.D
 Acq: 14 Oct 2016 14:44

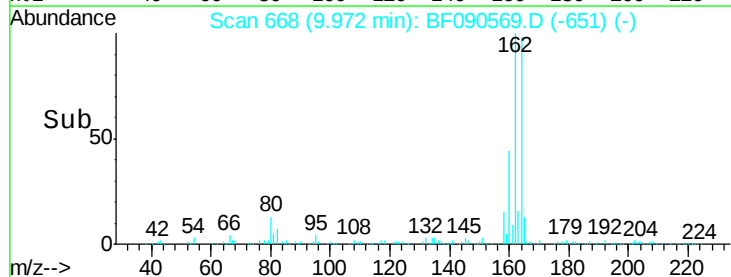
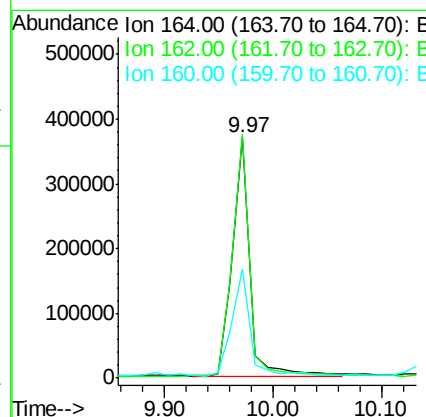
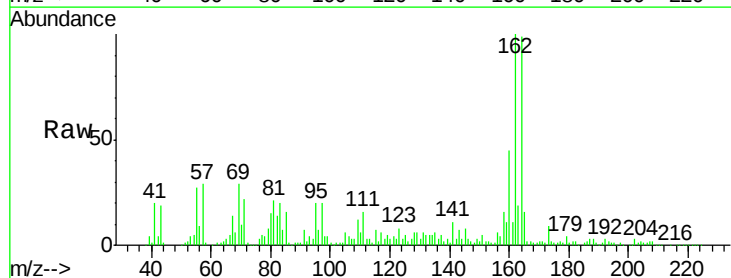
Instrument :
 BNA_F
 ClientSampleId :

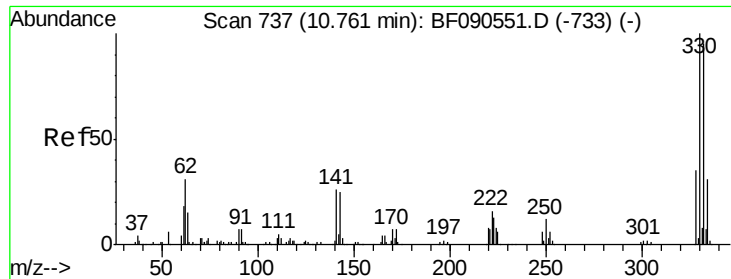
Tot Ion	82	Resp	829797
Ion Ratio	Lower	Upper	
82	100		
128	43.4	34.3	51.5
54	42.0	37.0	55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF090569.D
 Acq: 14 Oct 2016 14:44

Tgt Ion	164	Resp	403900
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.2	123.4
160	45.4	36.6	55.0

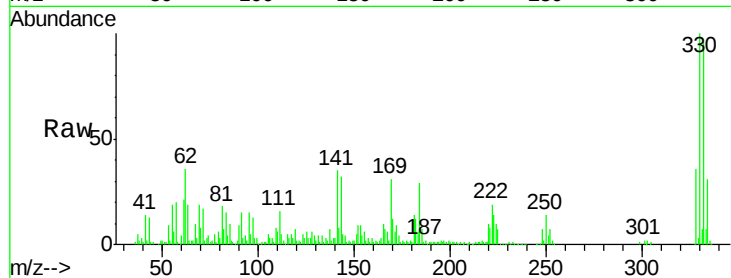




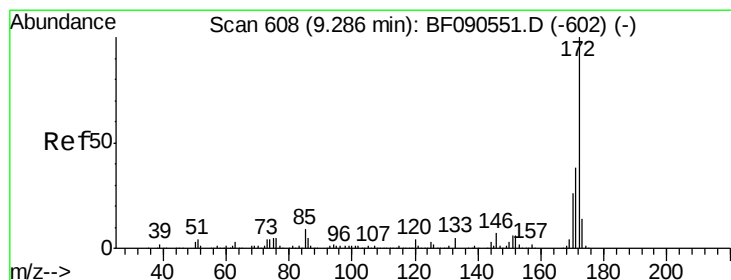
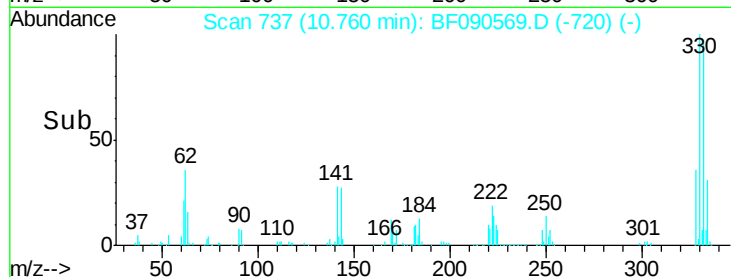
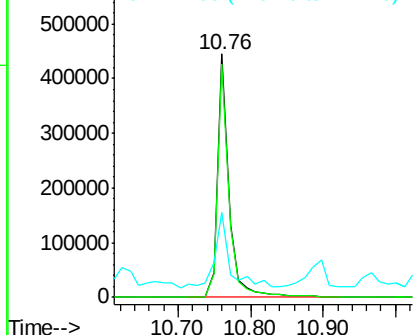
#41
 2,4,6-Tribromophenol
 Concen: 136.57 ng
 RT: 10.76 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF090569.D
 Acq: 14 Oct 2016 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 491783
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.2
 141 40.5 31.4 47.2

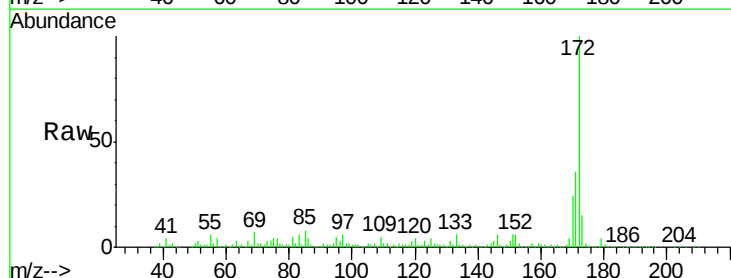


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

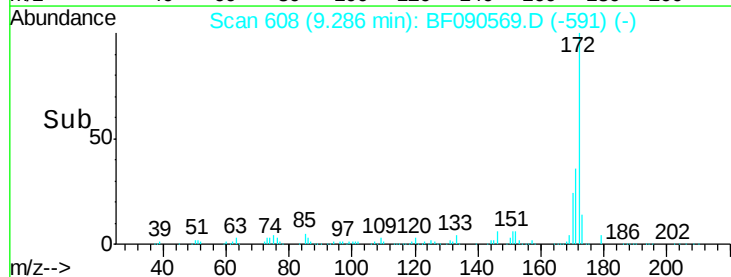
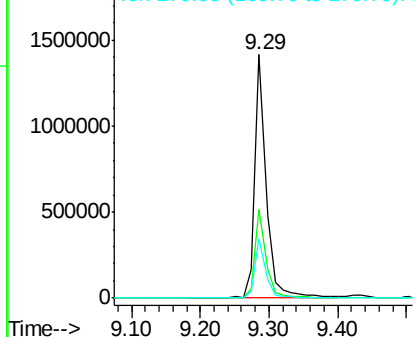


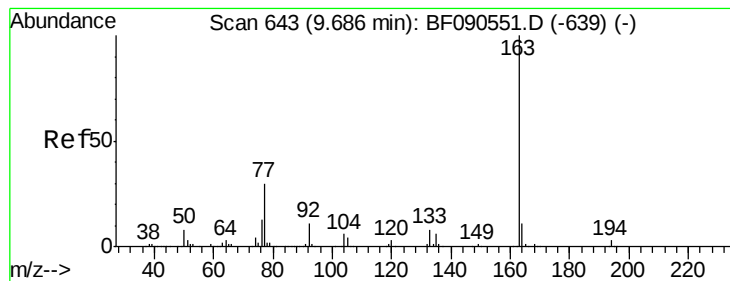
#44
 2-Fluorobiphenyl
 Concen: 65.01 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090569.D
 Acq: 14 Oct 2016 14:44

Tgt Ion:172 Resp: 1593492
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.1 45.1
 170 24.4 20.6 30.8



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: 16.79 ng

RT: 9.69 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF090569.D

Acq: 14 Oct 2016 14:44

Instrument :

BNA_F

ClientSampled :

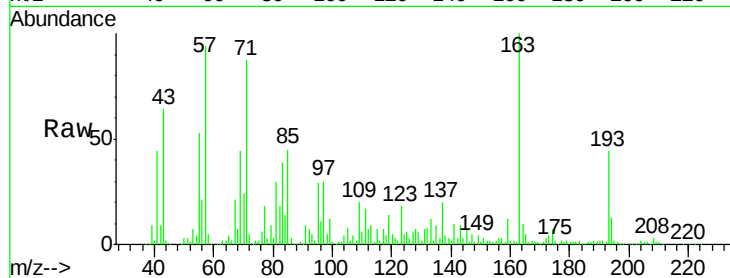
Tot Ion:163 Resp: 440031

Ion Ratio Lower Upper

163 100

194 12.8 2.3 3.5#

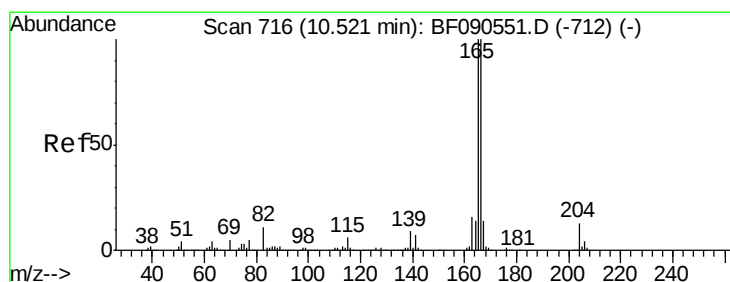
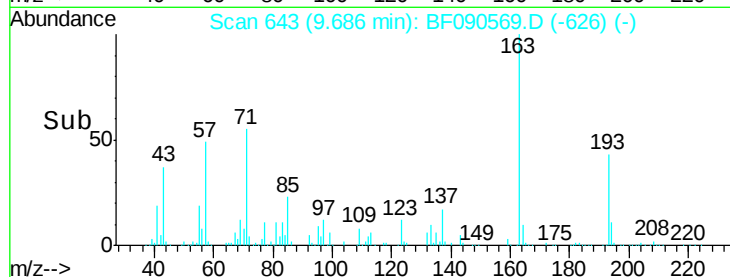
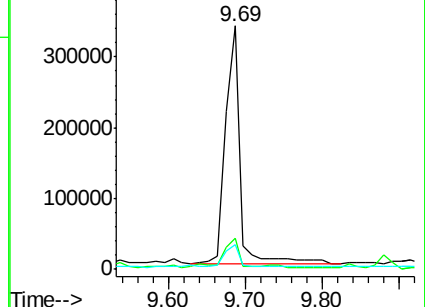
164 10.4 8.6 13.0



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



#57

Fluorene

Concen: 7.19 ng

RT: 10.52 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF090569.D

Acq: 14 Oct 2016 14:44

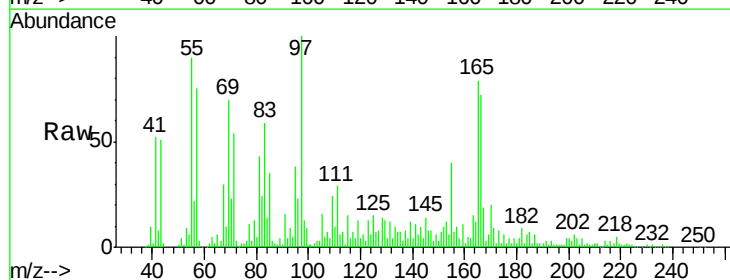
Tgt Ion:166 Resp: 189139

Ion Ratio Lower Upper

166 100

165 109.8 79.9 119.9

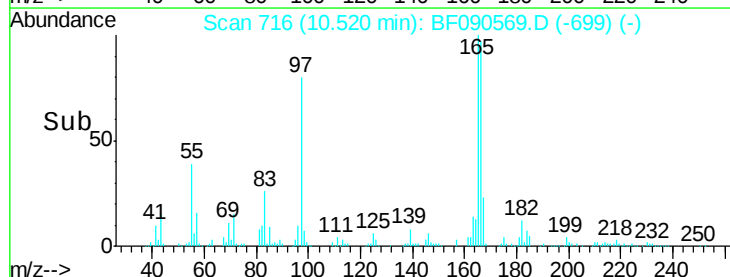
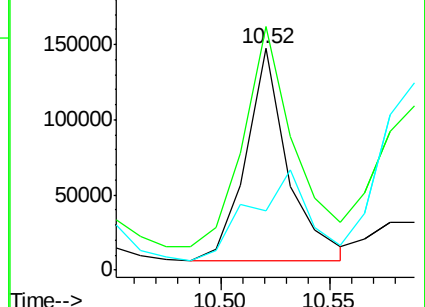
167 26.8 10.9 16.3#

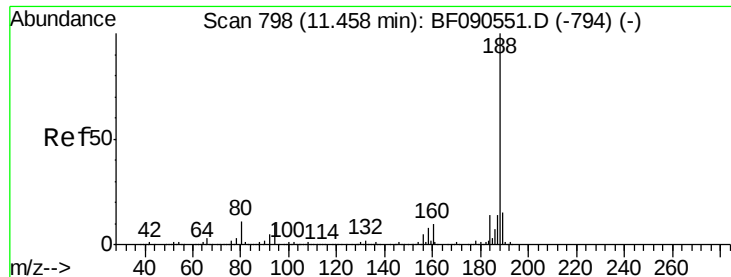


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

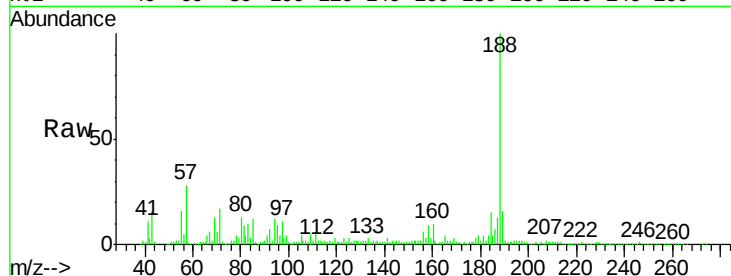




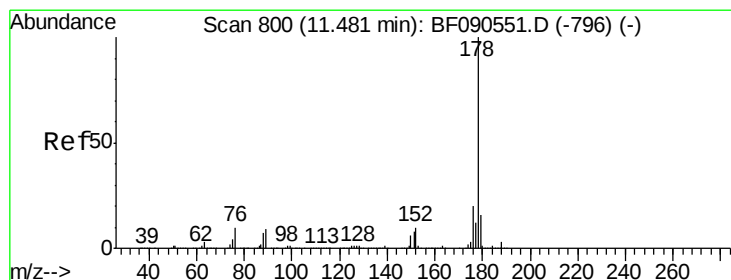
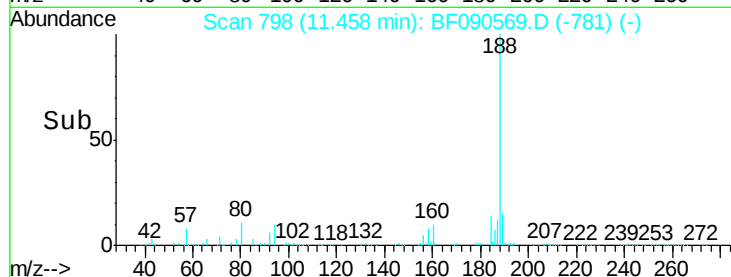
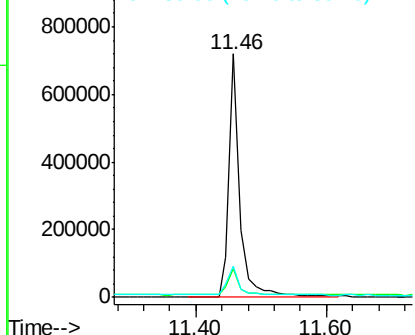
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF090569.D
Acq: 14 Oct 2016 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 821982
Ion Ratio Lower Upper
188 100
94 11.6 7.7 11.5#
80 12.6 8.6 12.8

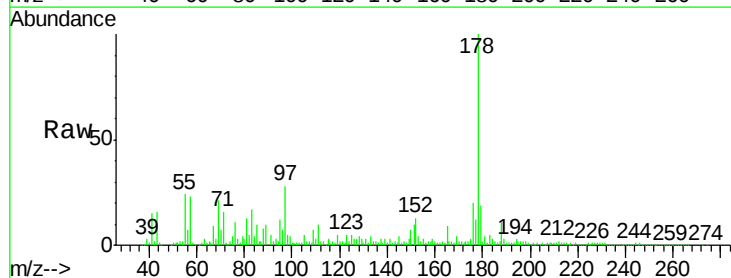


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

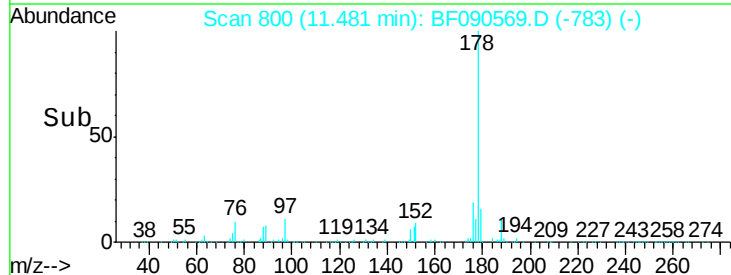
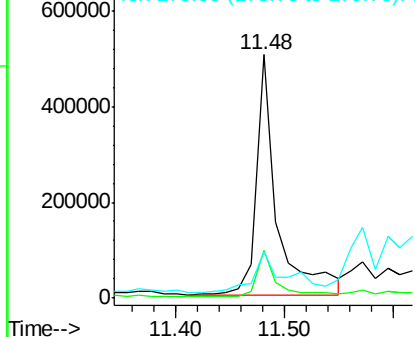


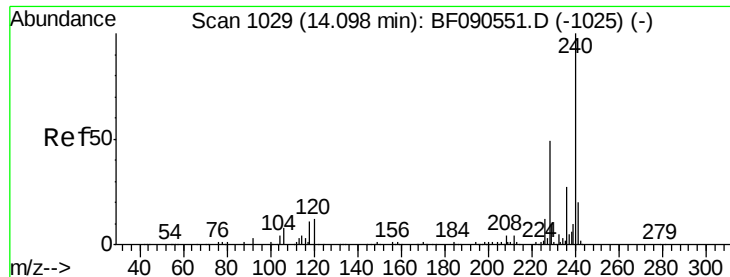
#70
Phenanthrene
Concen: 15.31 ng
RT: 11.48 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF090569.D
Acq: 14 Oct 2016 14:44

Tgt Ion:178 Resp: 671986
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 19.3 12.6 19.0#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF090569.D

Acq: 14 Oct 2016 14:44

Instrument :

BNA_F

ClientSampleId :

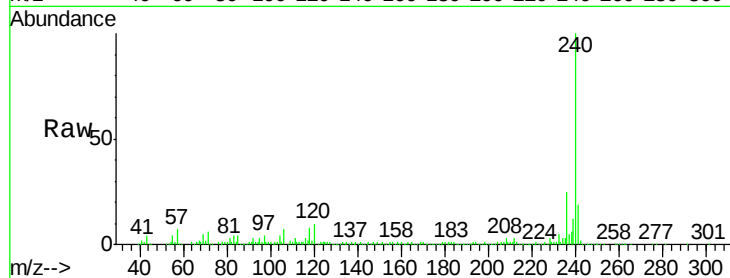
Tot Ion:240 Resp: 507420

Ion Ratio Lower Upper

240 100

120 9.6 9.8 14.8#

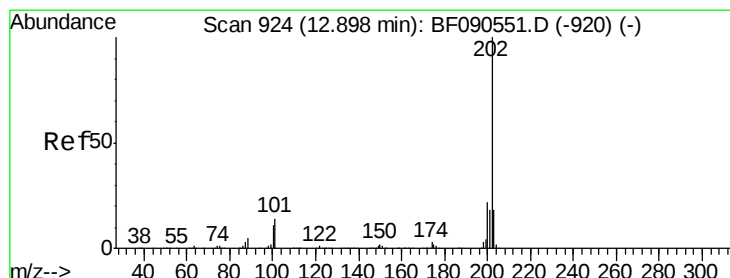
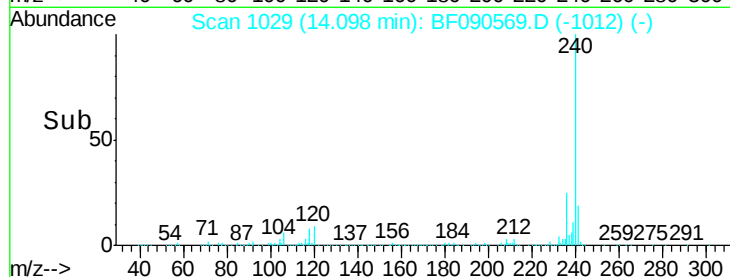
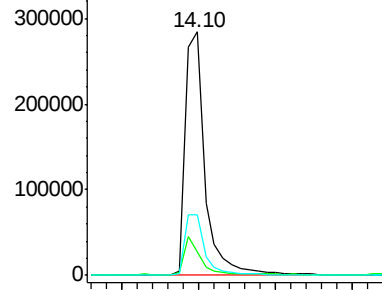
236 25.1 21.7 32.5



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: 3.66 ng

RT: 12.90 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF090569.D

Acq: 14 Oct 2016 14:44

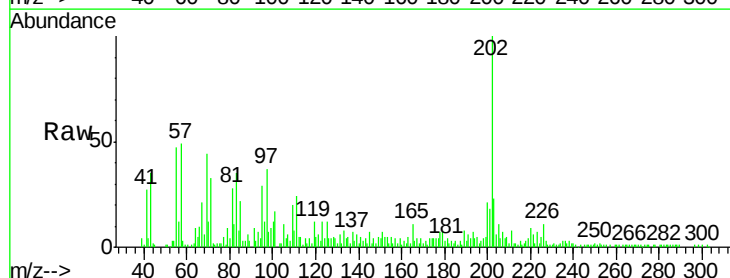
Tgt Ion:202 Resp: 122916

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

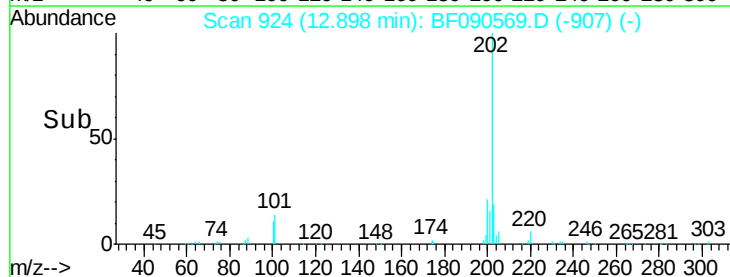
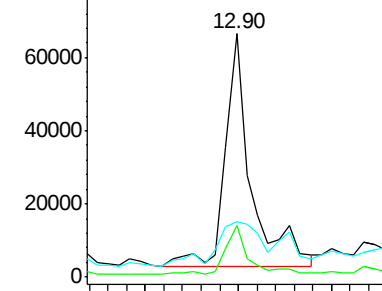
203 23.0 14.6 21.8#

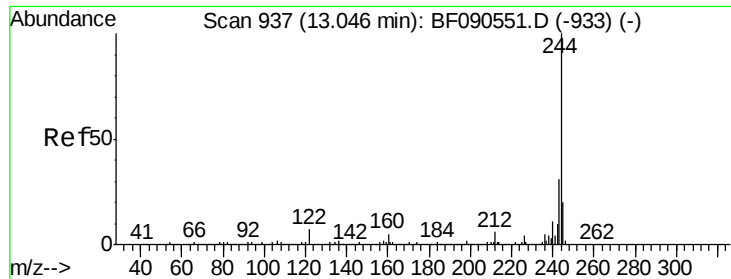


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.30 ng

RT: 13.03 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF090569.D

Acq: 14 Oct 2016 14:44

Instrument :

BNA_F

ClientSampleId :

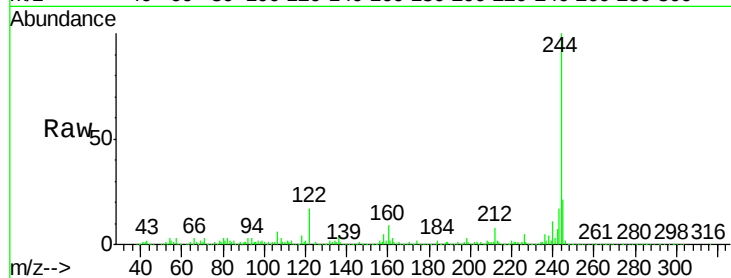
Tot Ion:244 Resp: 1662757

Ion Ratio Lower Upper

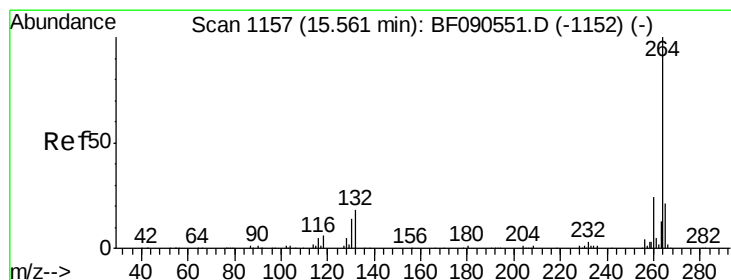
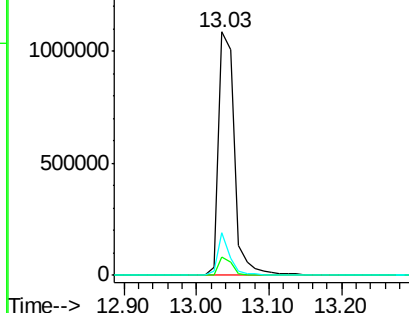
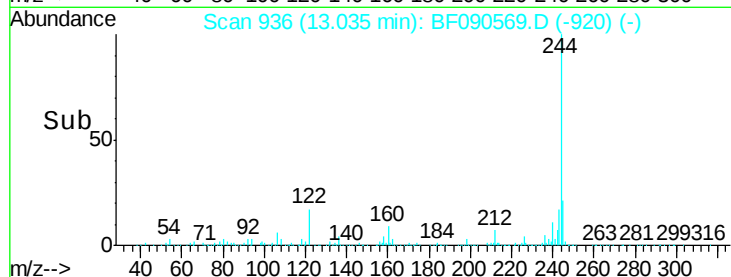
244 100

212 7.6 5.0 7.4#

122 17.4 5.6 8.4#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.55 min Scan# 1156

Delta R.T. -0.01 min

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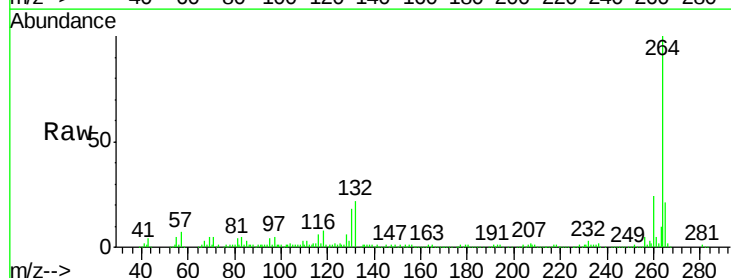
Tgt Ion:264 Resp: 389301

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 21.1 16.7 25.1



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

