

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021015\
 Data File : BF077241.D
 Acq On : 10 Feb 2015 18:41
 Operator : TP/IZ
 Sample : G1254-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB10B

Quant Time: Feb 11 03:00:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	40480	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	175742	20.00	ng	0.01
38) Acenaphthene-d10	14.63	164	98615	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	161905	20.00	ng	0.00
75) Chrysene-d12	21.01	240	148236	20.00	ng	0.00
86) Perylene-d12	22.66	264	141442	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.61	112	140849	57.21	ng	0.02
7) Phenol-d6	7.02	99	186432	60.03	ng	0.01
23) Nitrobenzene-d5	8.90	82	100788	31.77	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	33257	41.55	ng	0.00
44) 2-Fluorobiphenyl	13.16	172	227953	35.18	ng	0.00
78) Terphenyl-d14	19.76	244	226175	35.13	ng	0.00

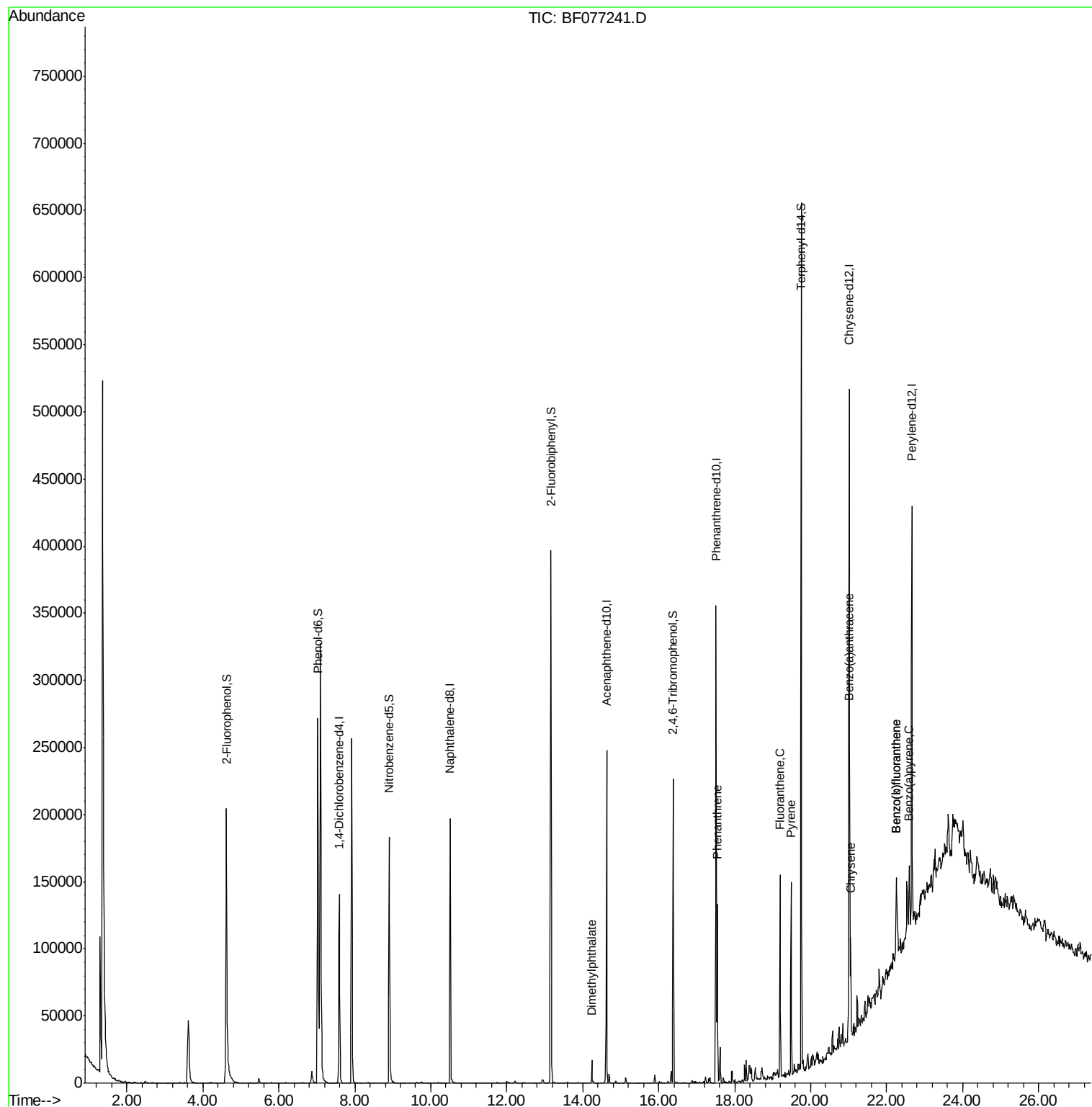
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	14.24	163	14513	2.08	ng	99
70) Phenanthrene	17.54	178	65696	6.51	ng	99
74) Fluoranthene	19.20	202	71676	6.93	ng	99
77) Pyrene	19.48	202	62578	6.16	ng	# 94
80) Benzo(a)anthracene	21.00	228	31502	3.39	ng	96
82) Chrysene	21.05	228	26637	3.14	ng	94
87) Benzo(b)fluoranthene	22.25	252	43322	4.55	ng	# 94
88) Benzo(k)fluoranthene	22.25	252	43322	5.21	ng	# 93
89) Benzo(a)pyrene	22.59	252	21353	2.54	ng	# 92

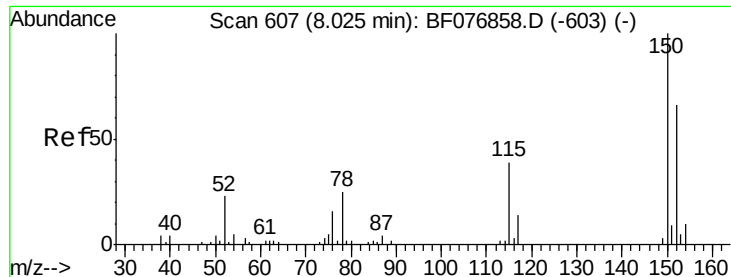
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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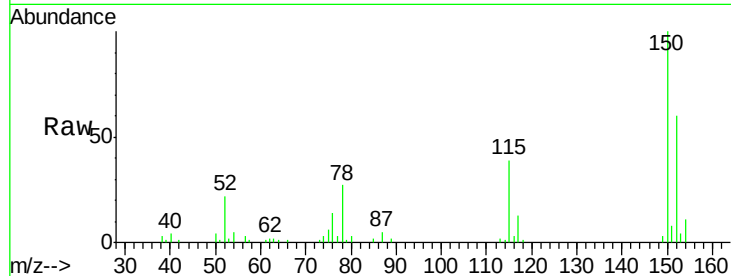


#1

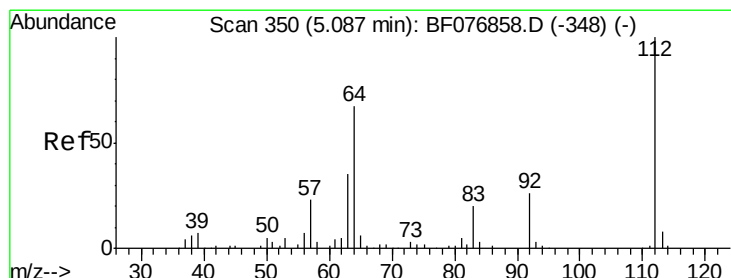
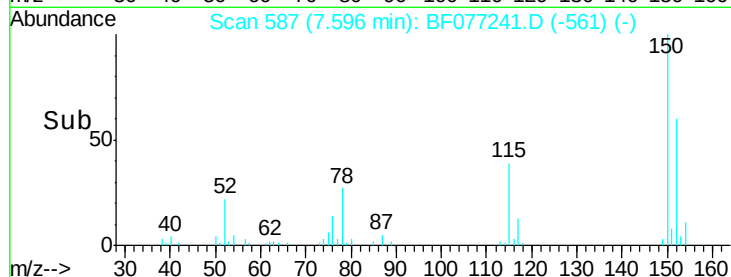
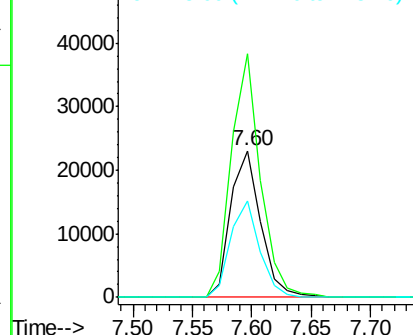
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

Instrument :
BNA_F
ClientSampleId :
UB10B

Tgt Ion:152 Resp: 40480
Ion Ratio Lower Upper
152 100
150 166.0 121.7 182.5
115 65.6 47.0 70.6



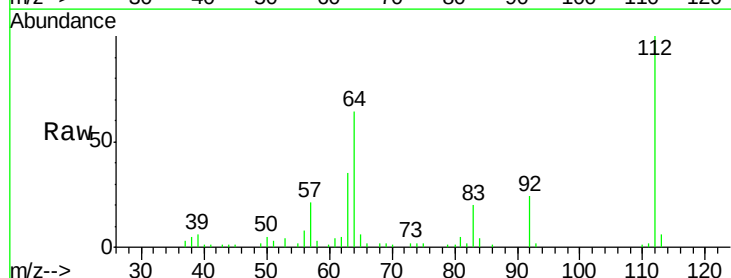
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



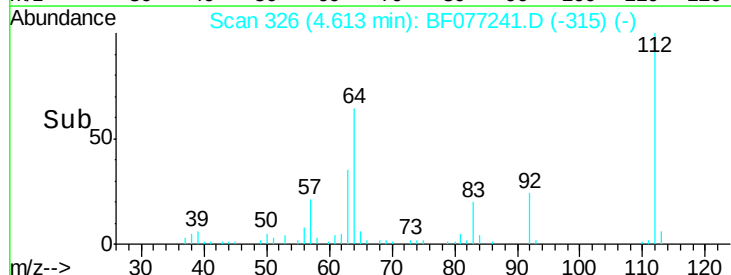
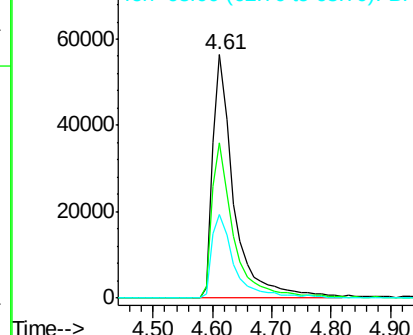
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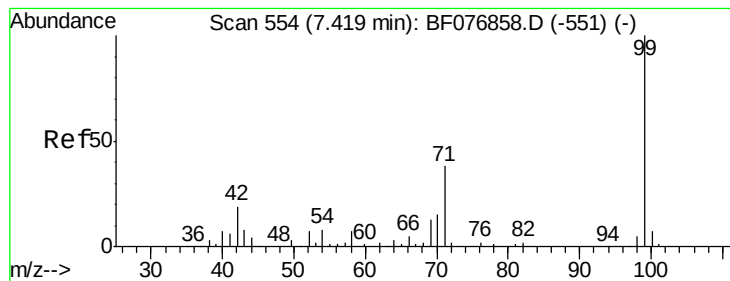
2-Fluorophenol
Concen: 57.21 ng
RT: 4.61 min Scan# 326
Delta R.T. 0.02 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

Tgt Ion:112 Resp: 140849
Ion Ratio Lower Upper
112 100
64 63.7 54.2 81.4
63 34.5 28.4 42.6



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: 60.03 ng

RT: 7.02 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

Instrument :

BNA_F

ClientSampleId :

UB10B

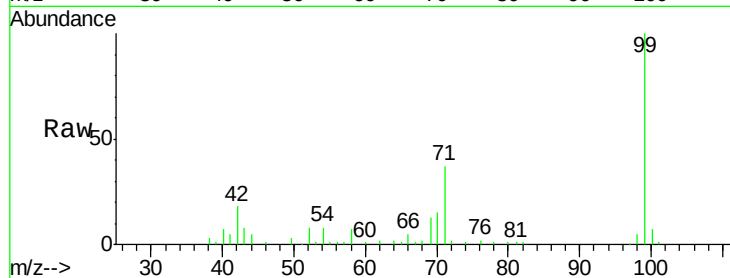
Tgt Ion: 99 Resp: 186432

Ion Ratio Lower Upper

99 100

42 18.3 15.0 22.4

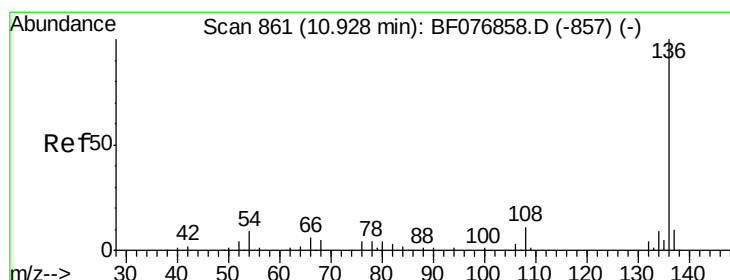
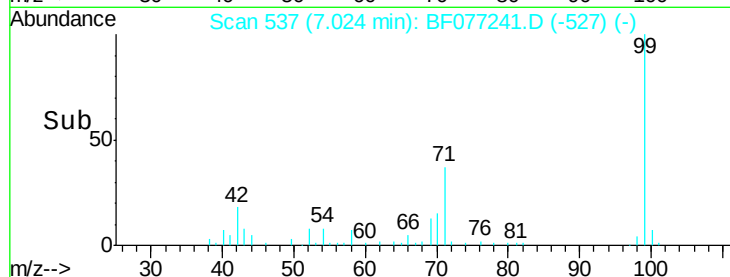
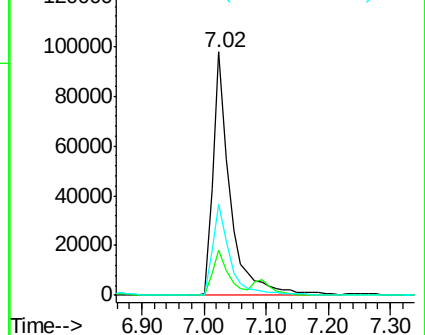
71 37.4 30.5 45.7



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: 10.51 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

Tgt Ion: 136 Resp: 175742

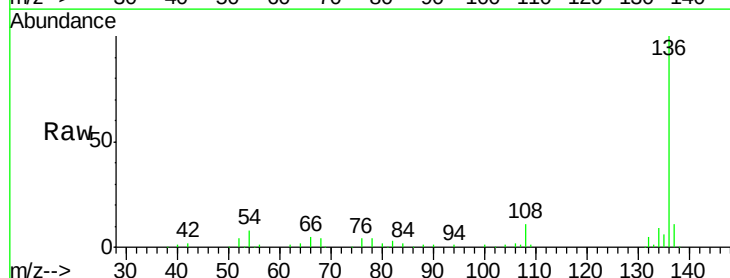
Ion Ratio Lower Upper

136 100

137 10.5 8.1 12.1

54 7.9 7.0 10.4

68 4.0 3.7 5.5

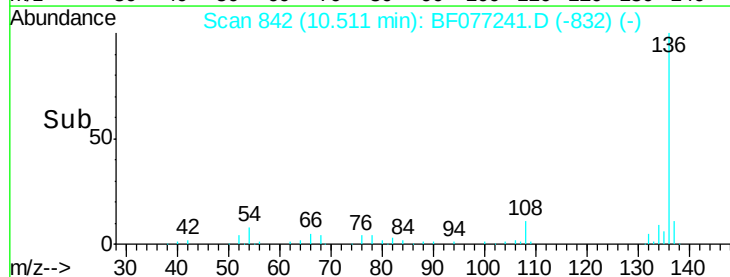
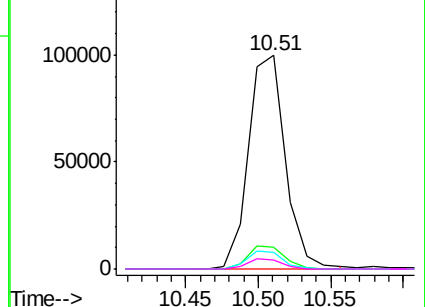


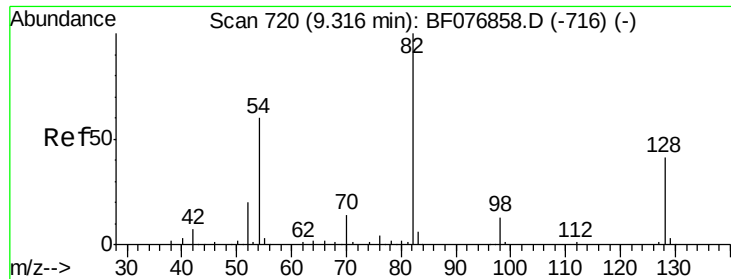
Abundance Ion 136.00 (135.70 to 136.70): E

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

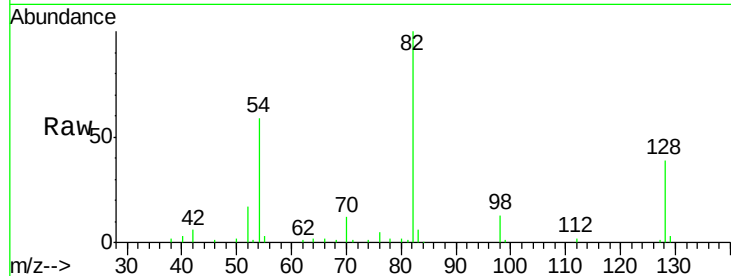




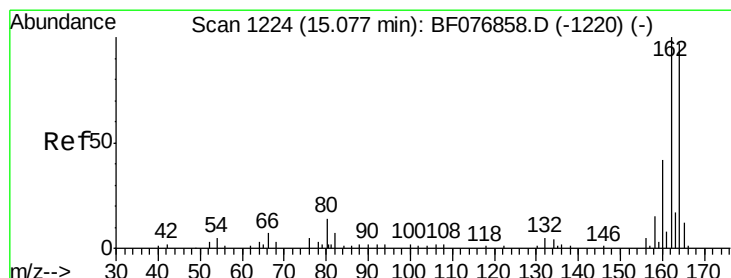
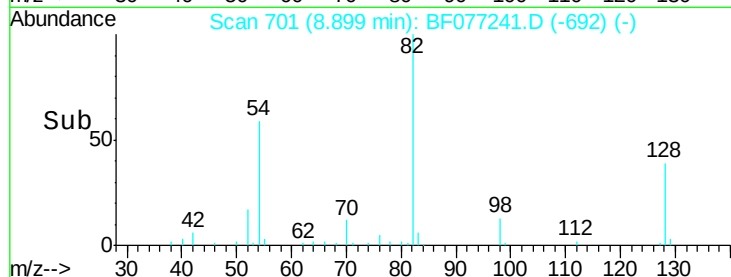
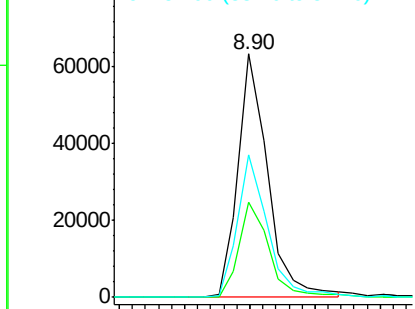
#23
 Nitrobenzene-d5
 Concen: 31.77 ng
 RT: 8.90 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF077241.D
 Acq: 10 Feb 2015 18:41

Instrument :
 BNA_F
 ClientSampleId :
 UB10B

Tgt Ion: 82 Resp: 100788
 Ion Ratio Lower Upper
 82 100
 128 39.2 33.1 49.7
 54 58.6 48.3 72.5

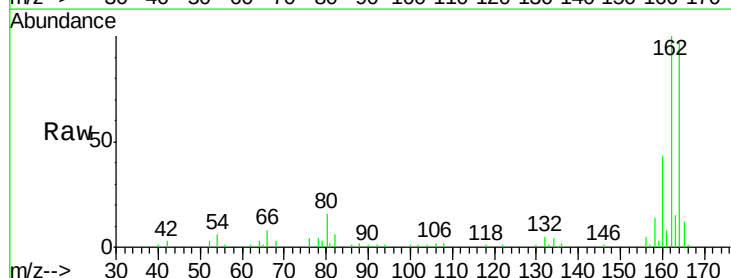


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

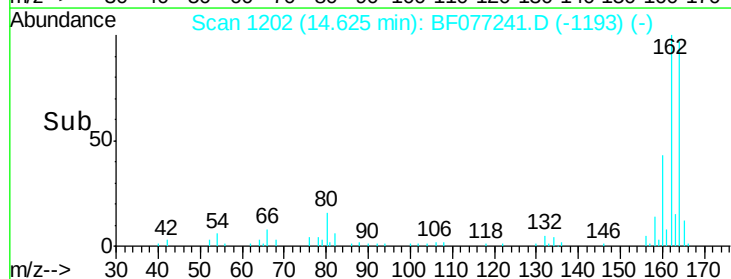
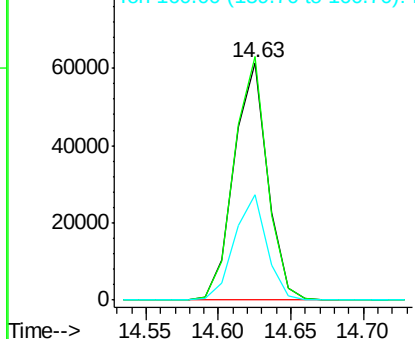


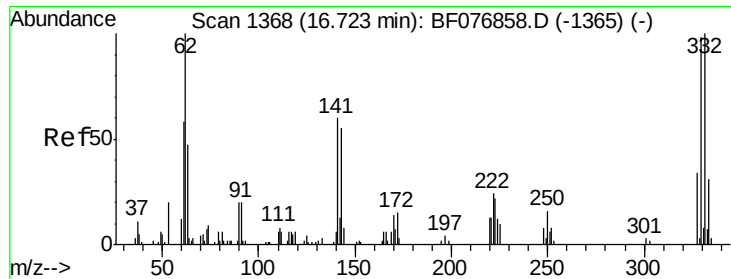
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF077241.D
 Acq: 10 Feb 2015 18:41

Tgt Ion: 164 Resp: 98615
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.4 123.6
 160 44.6 34.8 52.2



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

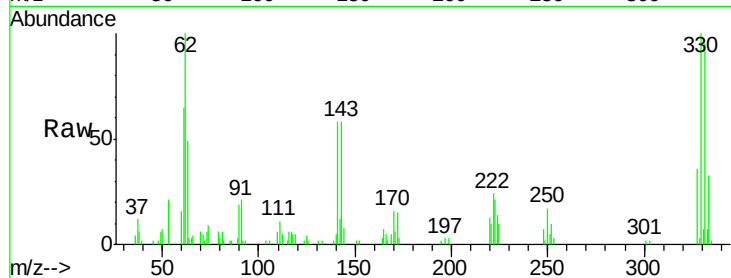




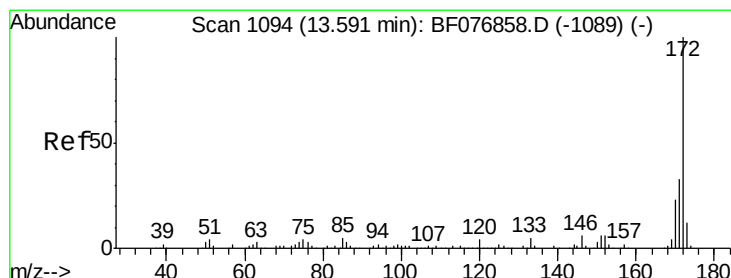
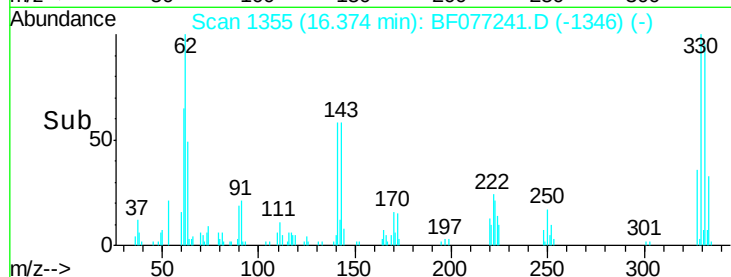
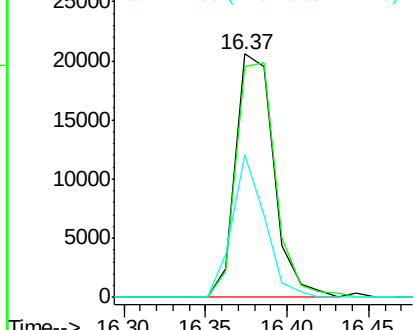
#41
 2,4,6-Tribromophenol
 Concen: 41.55 ng
 RT: 16.37 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF077241.D
 Acq: 10 Feb 2015 18:41

Instrument :
 BNA_F
 ClientSampleId :
 UB10B

Tgt Ion:330 Resp: 33257
 Ion Ratio Lower Upper
 330 100
 332 100.0 77.8 116.6
 141 49.9 38.5 57.7

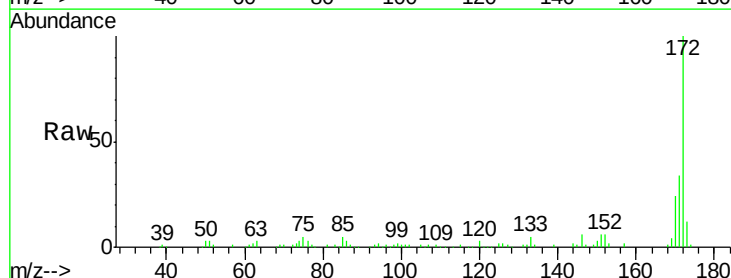


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

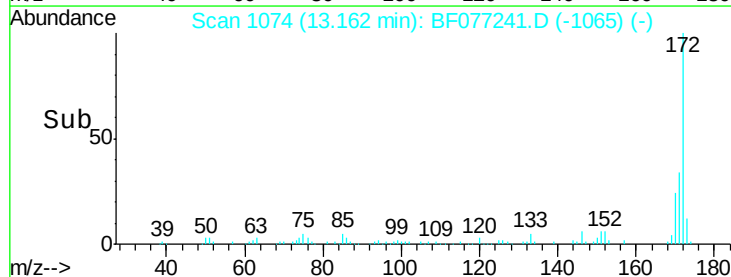
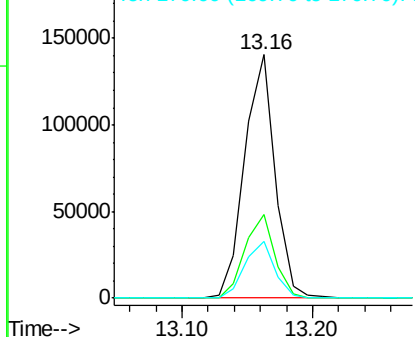


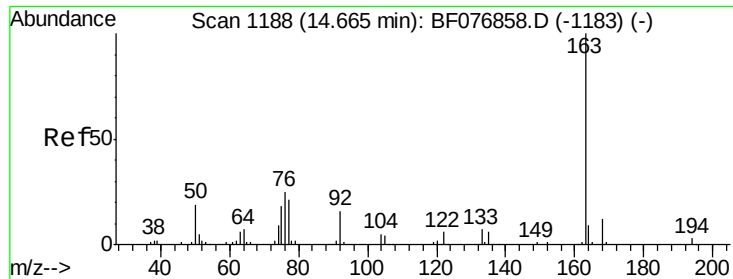
#44
 2-Fluorobiphenyl
 Concen: 35.18 ng
 RT: 13.16 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF077241.D
 Acq: 10 Feb 2015 18:41

Tgt Ion:172 Resp: 227953
 Ion Ratio Lower Upper
 172 100
 171 34.1 26.6 40.0
 170 23.5 18.0 27.0



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: 2.08 ng

RT: 14.24 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

Instrument :

BNA_F

ClientSampleId :

UB10B

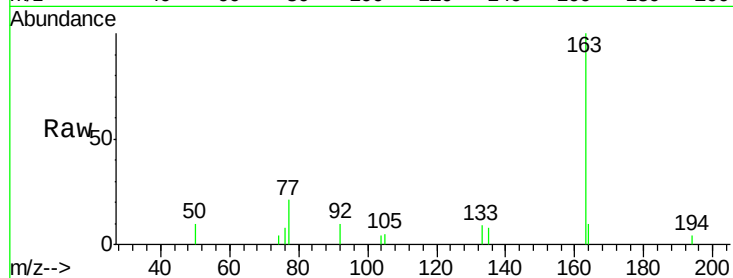
Tgt Ion:163 Resp: 14513

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

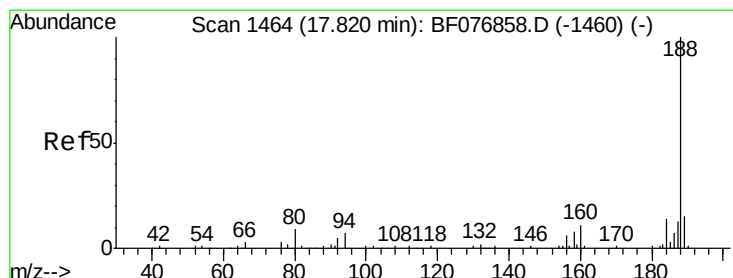
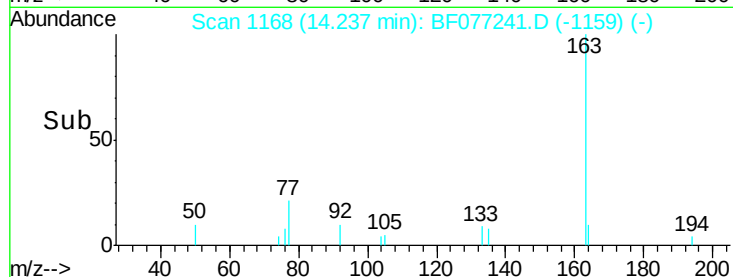
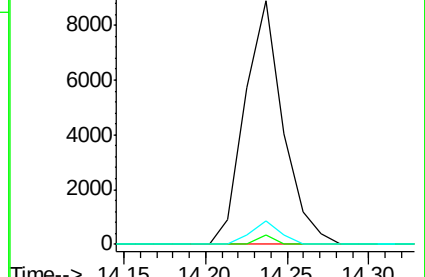
164 9.6 7.5 11.3



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: 17.51 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

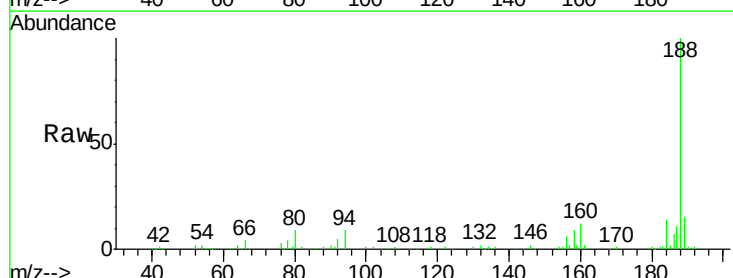
Tgt Ion:188 Resp: 161905

Ion Ratio Lower Upper

188 100

94 8.6 6.0 9.0

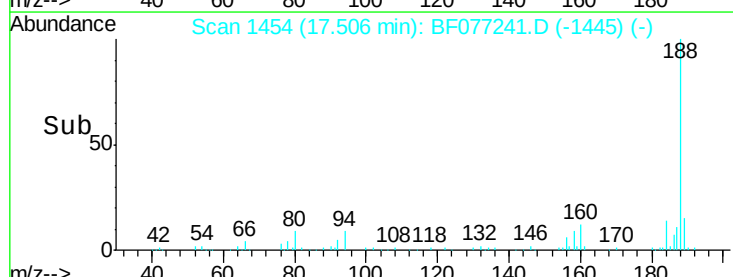
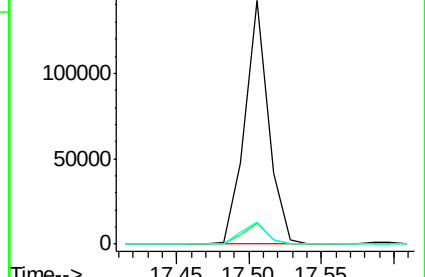
80 9.3 6.9 10.3

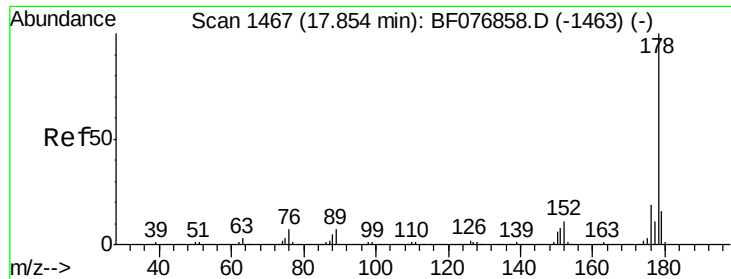


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 6.51 ng

RT: 17.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

Instrument :

BNA_F

ClientSampleId :

UB10B

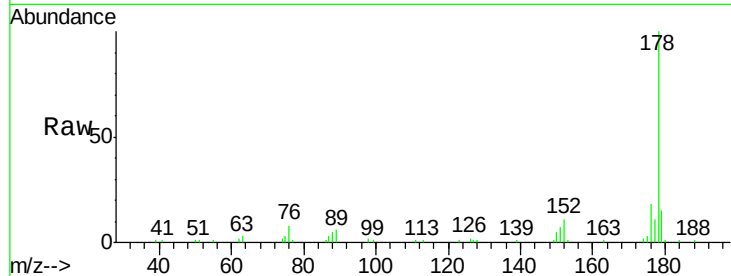
Tgt Ion:178 Resp: 65696

Ion Ratio Lower Upper

178 100

176 18.2 15.1 22.7

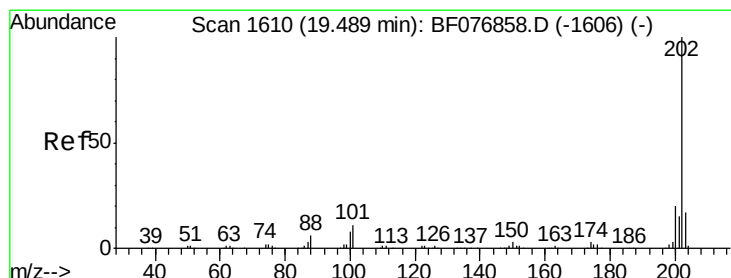
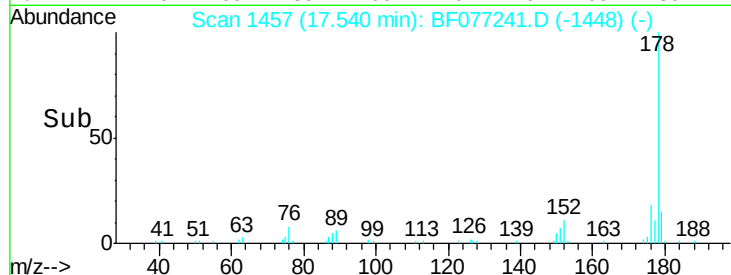
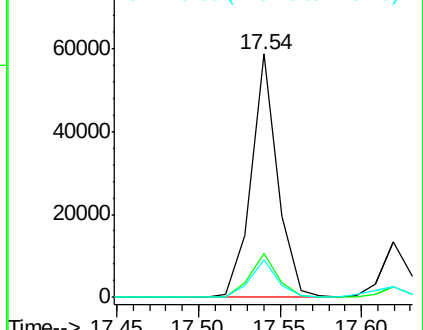
179 15.4 12.7 19.1



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: 6.93 ng

RT: 19.20 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

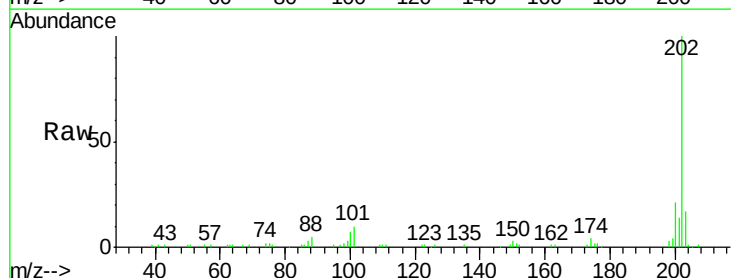
Tgt Ion:202 Resp: 71676

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.7

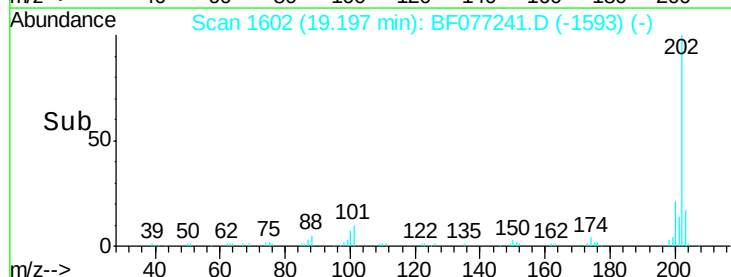
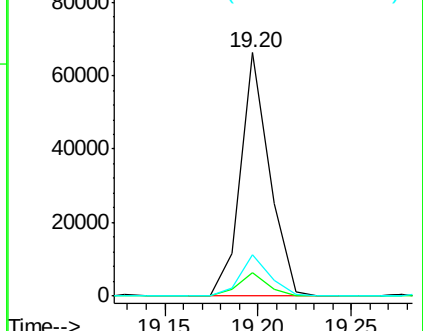
203 16.8 0.0 36.9

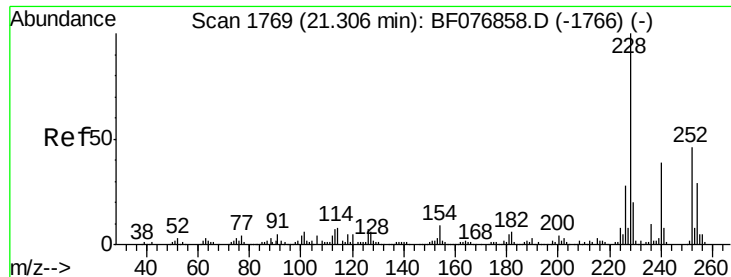


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.01 min Scan# 1761

Delta R.T. 0.00 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

Instrument :

BNA_F

ClientSampleId :

UB10B

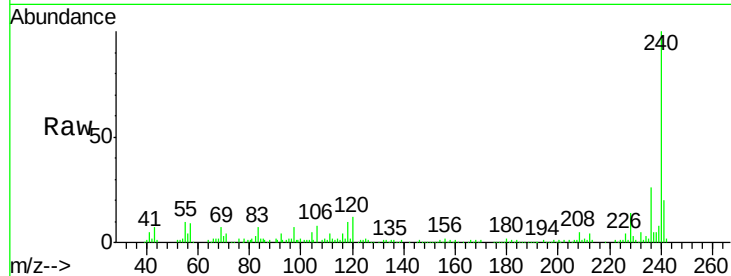
Tgt Ion:240 Resp: 148236

Ion Ratio Lower Upper

240 100

120 11.5 10.4 15.6

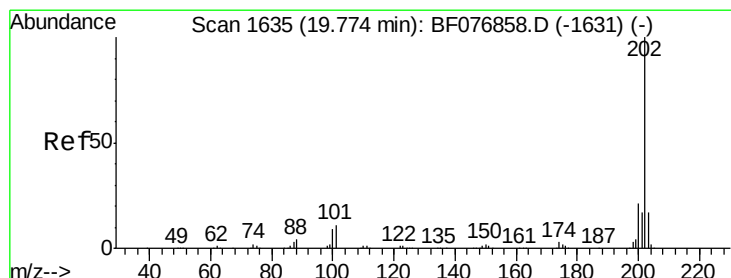
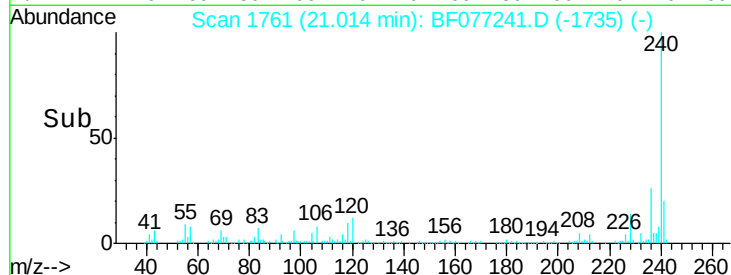
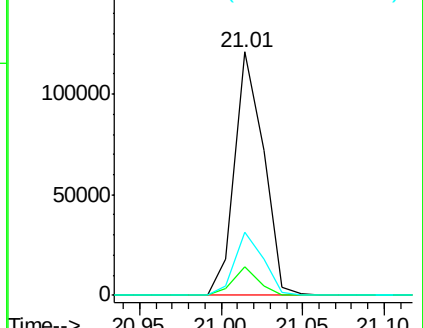
236 25.9 20.2 30.2



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

Pyrene

Concen: 6.16 ng

RT: 19.48 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

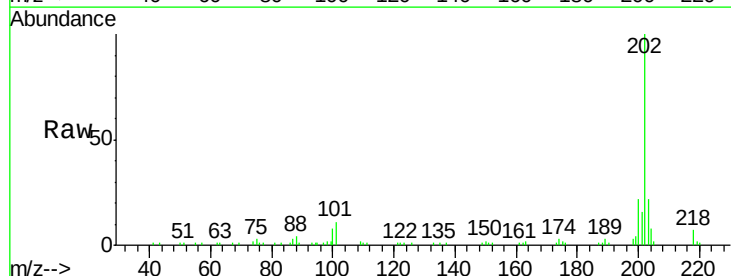
Tgt Ion:202 Resp: 62578

Ion Ratio Lower Upper

202 100

200 21.9 16.7 25.1

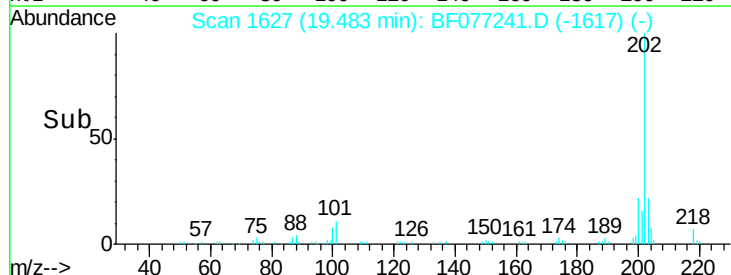
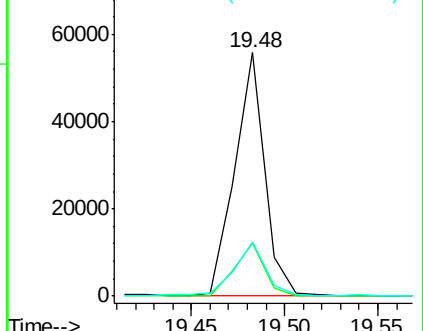
203 22.2 14.0 21.0#

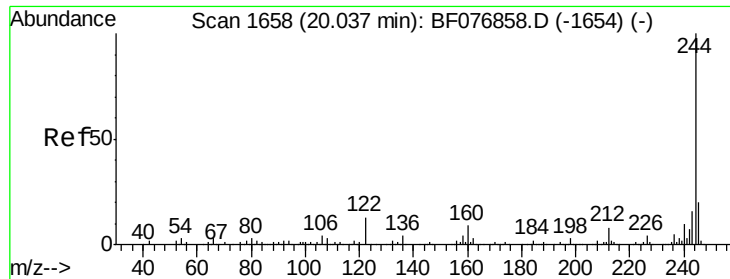


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

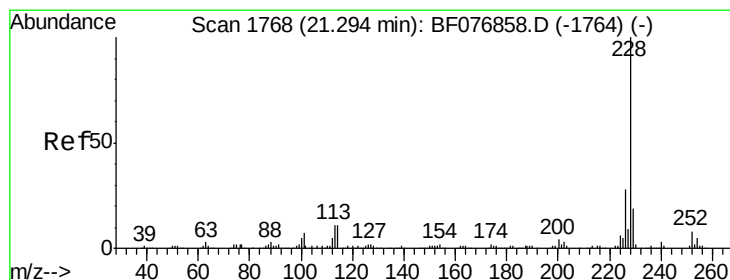
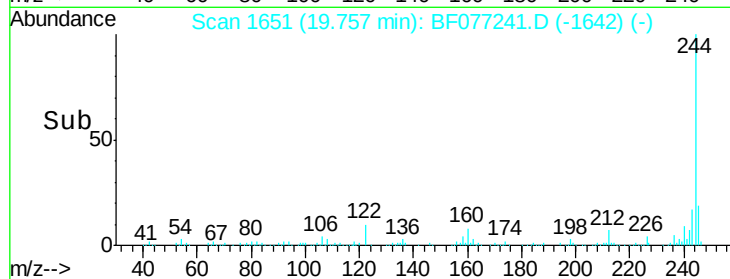
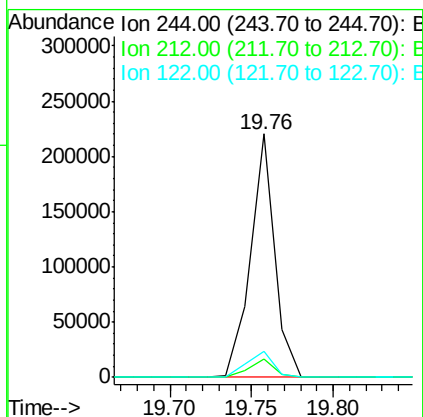
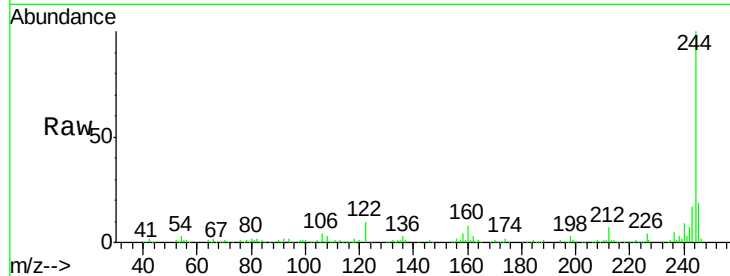




#78
 Terphenyl-d14
 Concen: 35.13 ng
 RT: 19.76 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF077241.D
 Acq: 10 Feb 2015 18:41

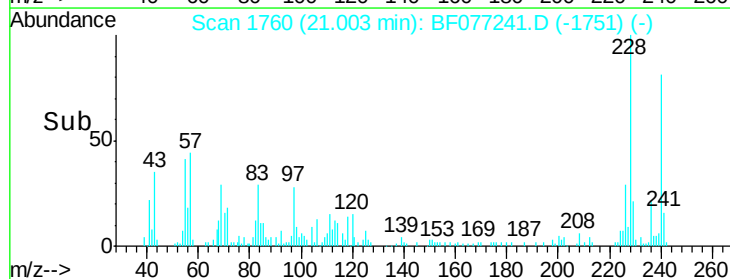
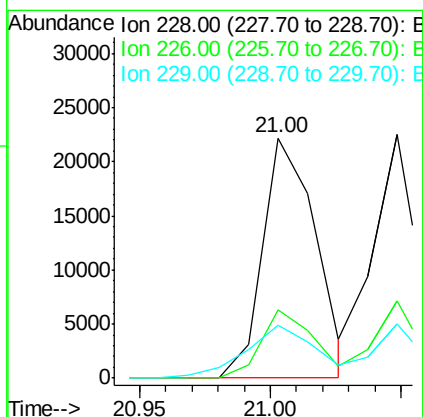
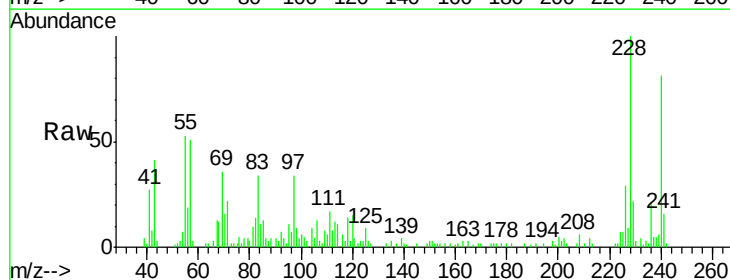
Instrument :
 BNA_F
 ClientSampleId :
 UB10B

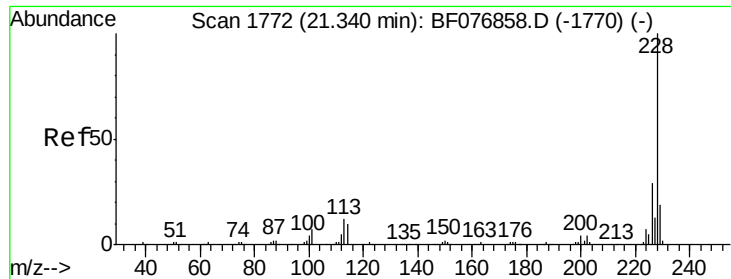
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	10.5	10.1	15.1



#80
 Benzo(a)anthracene
 Concen: 3.39 ng
 RT: 21.00 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BF077241.D
 Acq: 10 Feb 2015 18:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	22.2	15.5	23.3





#82

Chrysene

Concen: 3.14 ng

RT: 21.05 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

Instrument :

BNA_F

ClientSampleId :

UB10B

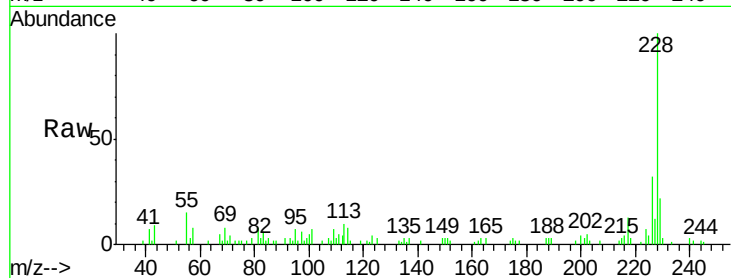
Tgt Ion:228 Resp: 26637

Ion Ratio Lower Upper

228 100

226 31.8 23.4 35.0

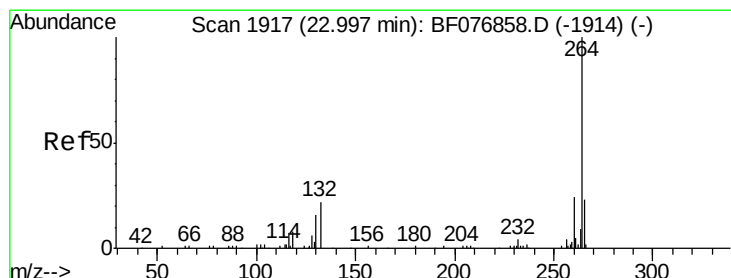
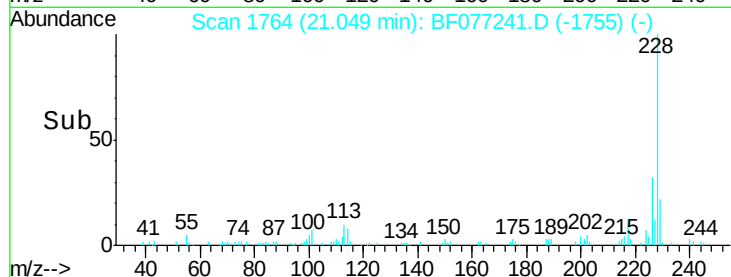
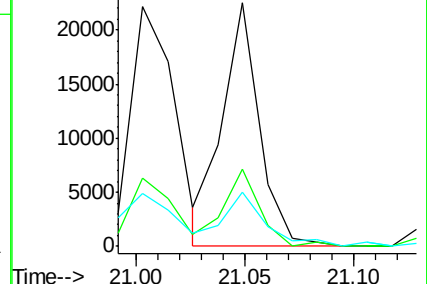
229 22.4 15.4 23.0



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

Perylene-d12

Concen: 20.00 ng

RT: 22.66 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

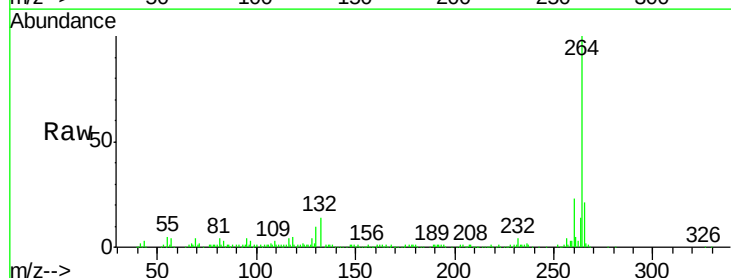
Tgt Ion:264 Resp: 141442

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

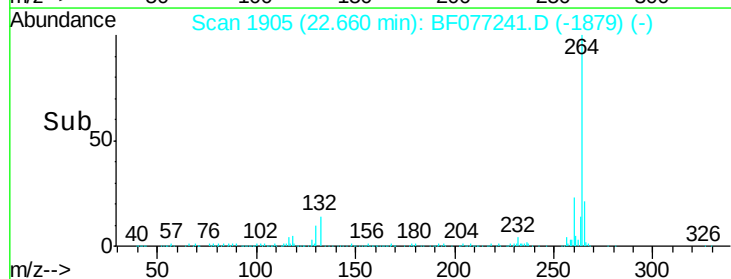
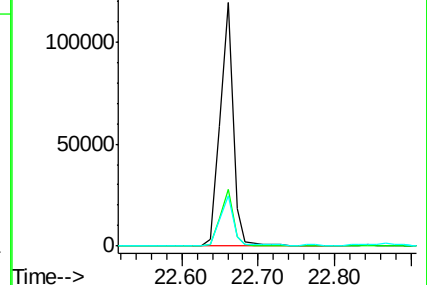
265 20.8 18.1 27.1

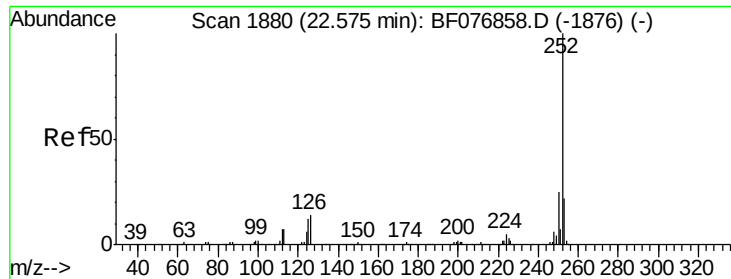


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

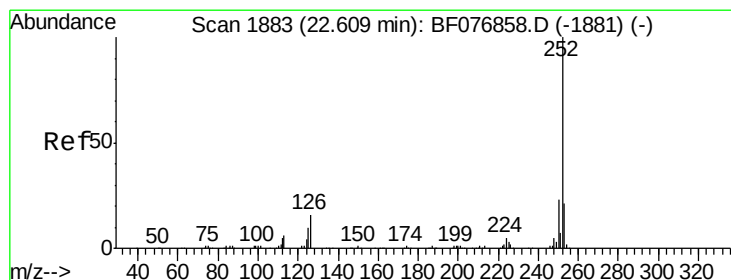
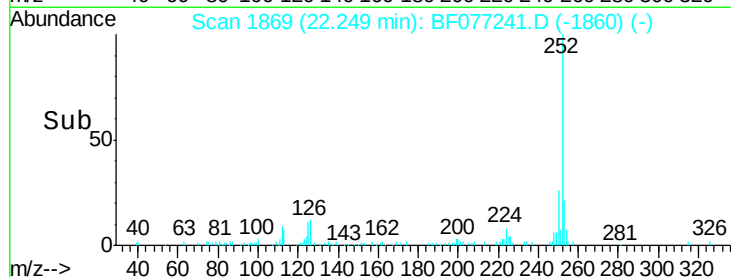
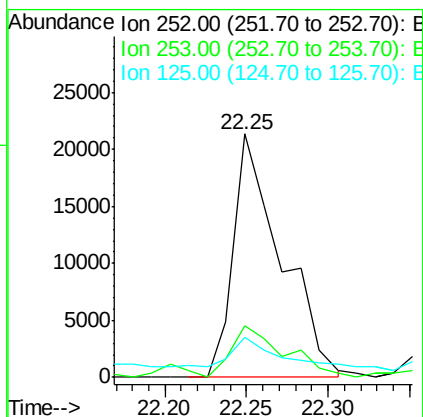
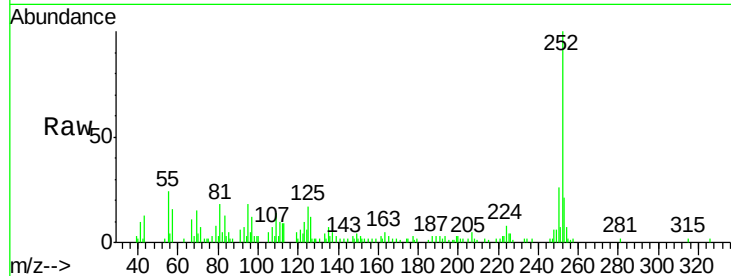




#87
Benzo(b)fluoranthene
Concen: 4.55 ng
RT: 22.25 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

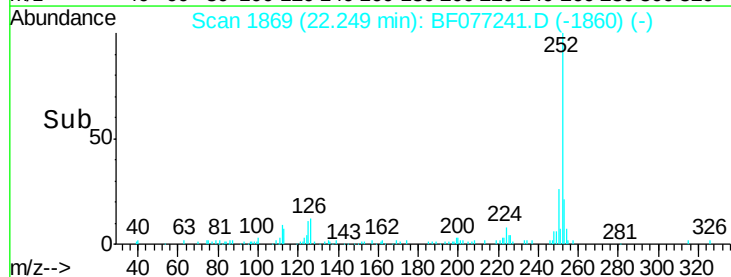
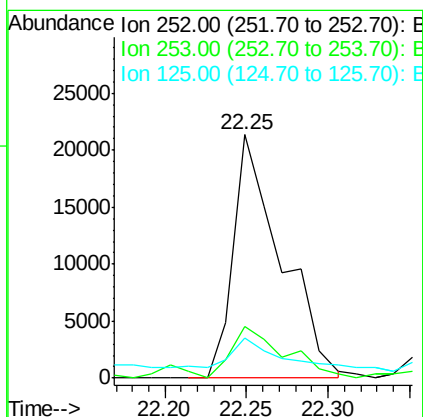
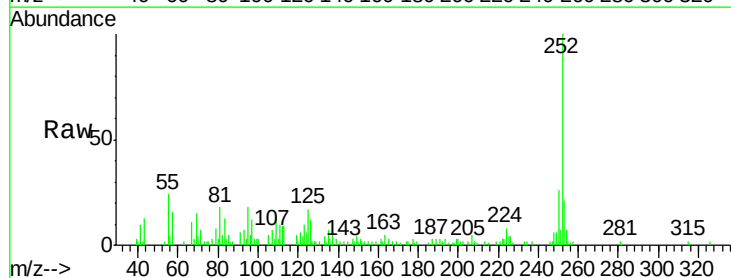
Instrument :
BNA_F
ClientSampleId :
UB10B

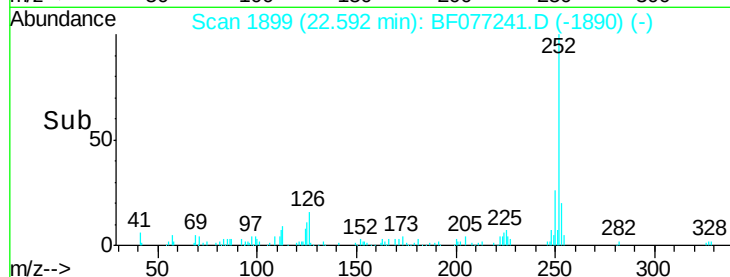
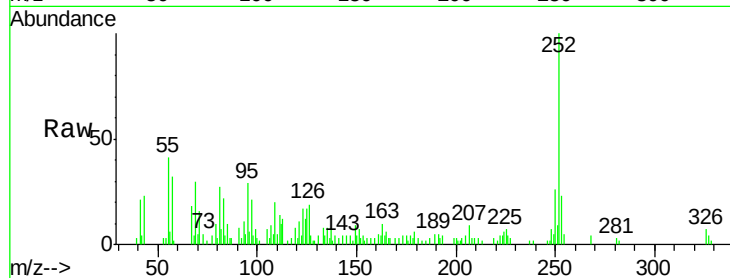
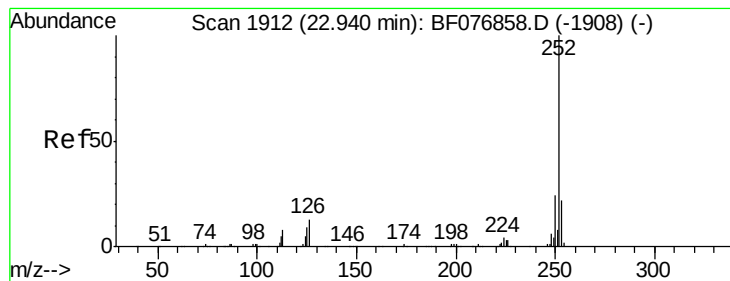
Tgt Ion:252 Resp: 43322
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 16.7 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 5.21 ng
RT: 22.25 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

Tgt Ion:252 Resp: 43322
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 16.7 7.1 10.7#





#89

Benzo(a)pyrene

Concen: 2.54 ng

RT: 22.59 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

Instrument :

BNA_F

ClientSampleId :

UB10B

Tgt Ion: 252 Resp: 21353

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

125 17.1 7.2 10.8#

