

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076953.D
 Acq On : 20 Jan 2015 6:53
 Operator : IZ / TP
 Sample : G1076-03
 Misc : W
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Jan 20 10:35:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 06:05:35 2015
 Response via : Initial Calibration

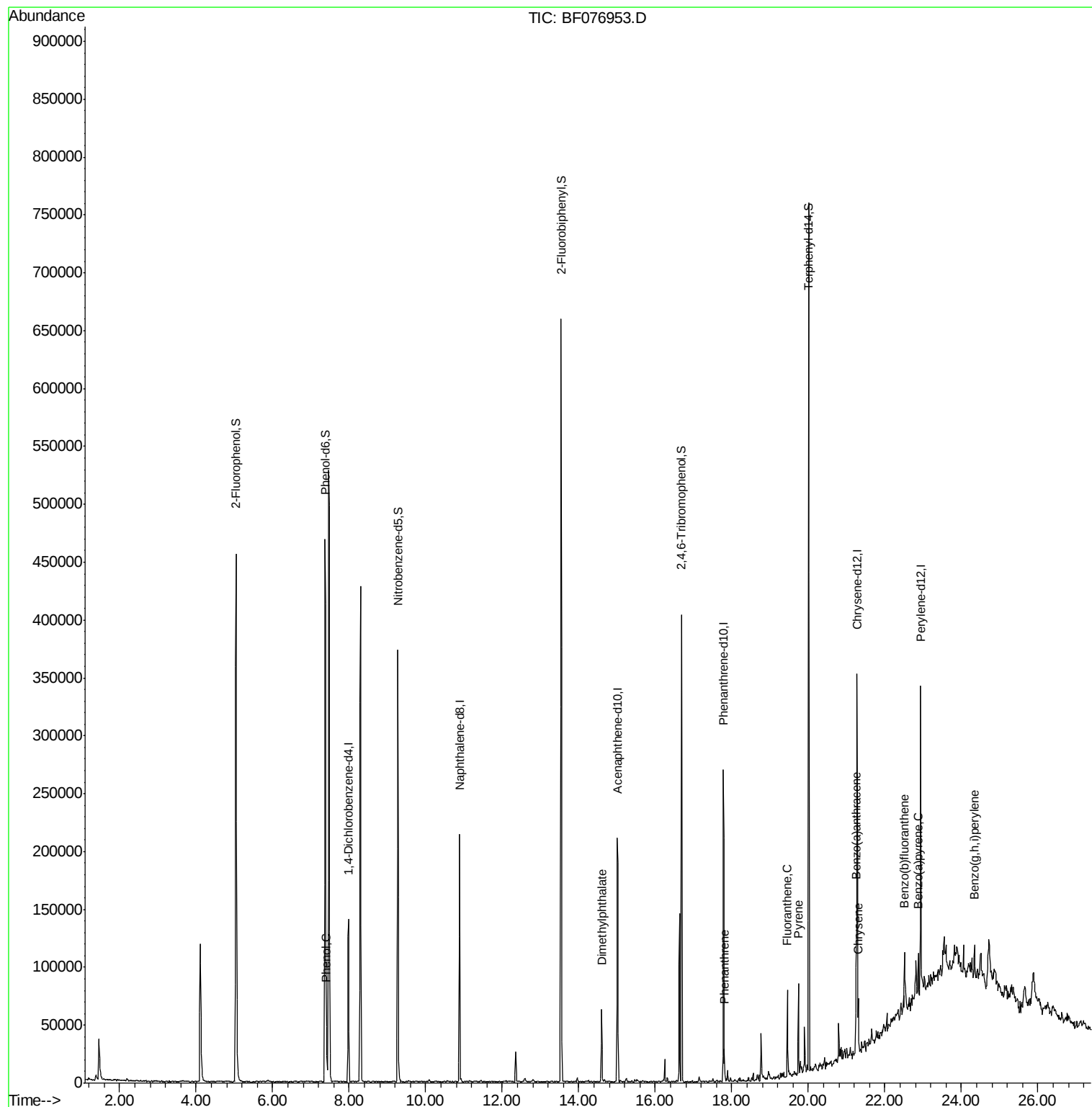
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	38151	20.00	ng	0.01
21) Naphthalene-d8	10.88	136	165610	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	88264	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	141218	20.00	ng	0.00
75) Chrysene-d12	21.27	240	126580	20.00	ng	0.00
86) Perylene-d12	22.93	264	118241	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	235362	101.43	ng	0.00
7) Phenol-d6	7.37	99	298292	101.90	ng	-0.01
23) Nitrobenzene-d5	9.27	82	187918	62.86	ng	0.00
41) 2,4,6-Tribromophenol	16.69	330	66721	93.13	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	341672	58.91	ng	0.00
78) Terphenyl-d14	20.00	244	287683	52.32	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.41	94	12473	4.01	ng	91
49) Dimethylphthalate	14.60	163	44252	7.07	ng	100
70) Phenanthrene	17.81	178	18462	2.10	ng	97
74) Fluoranthene	19.45	202	35217	3.90	ng	98
77) Pyrene	19.74	202	32846	3.79	ng	97
80) Benzo(a)anthracene	21.26	228	18813	2.37	ng	96
82) Chrysene	21.31	228	17496	2.42	ng	95
87) Benzo(b)fluoranthene	22.52	252	27499m	3.45	ng	
89) Benzo(a)pyrene	22.87	252	15621m	2.22	ng	
91) Benzo(g,h,i)perylene	24.35	276	13609m	2.12	ng	

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

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 20 06:05:35 2015
Response via : Initial Calibration



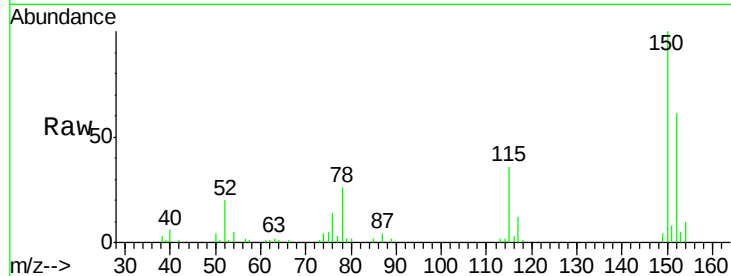


#1

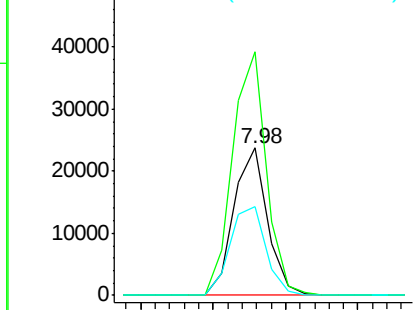
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF076953.D
Acq: 20 Jan 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SP-2

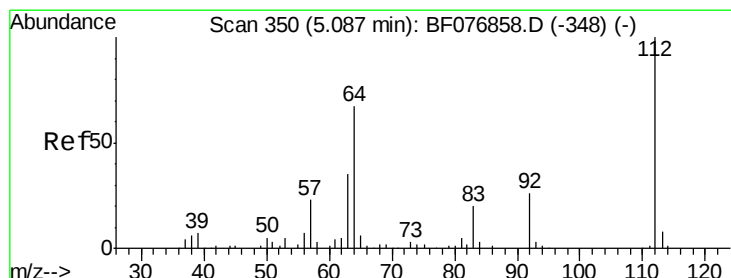
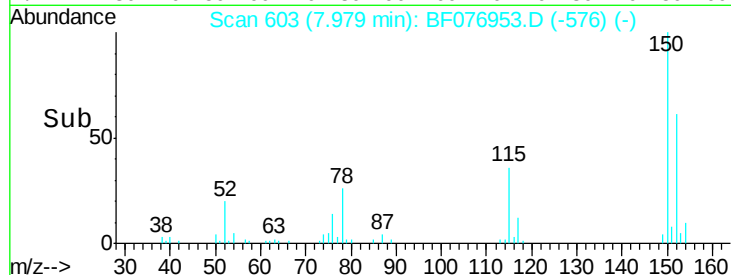
Tot Ion:152 Resp: 38151
Ion Ratio Lower Upper
152 100
150 165.1 121.7 182.5
115 59.8 47.0 70.6



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



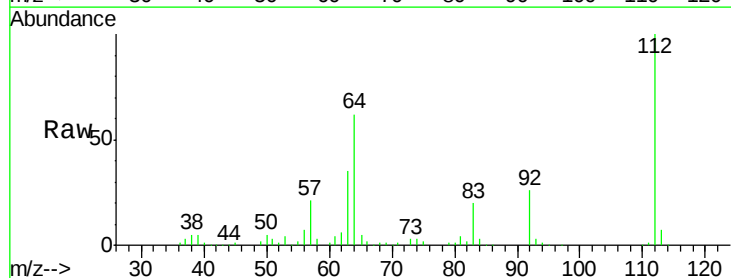
Time-->



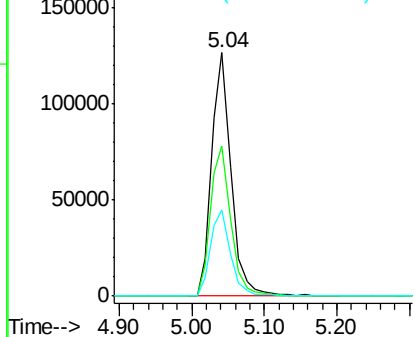
#5

2-Fluorophenol
Concen: 101.43 ng
RT: 5.04 min Scan# 346
Delta R.T. 0.00 min
Lab File: BF076953.D
Acq: 20 Jan 2015 6:53

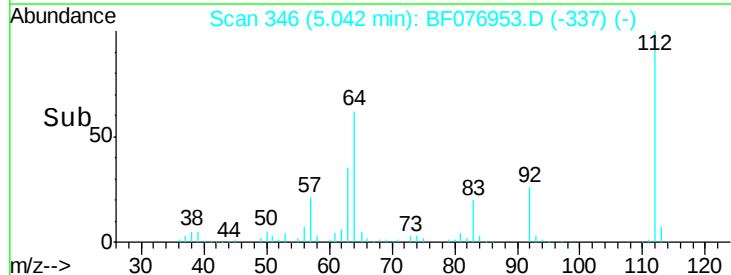
Tgt Ion:112 Resp: 235362
Ion Ratio Lower Upper
112 100
64 61.6 54.2 81.4
63 35.3 28.4 42.6

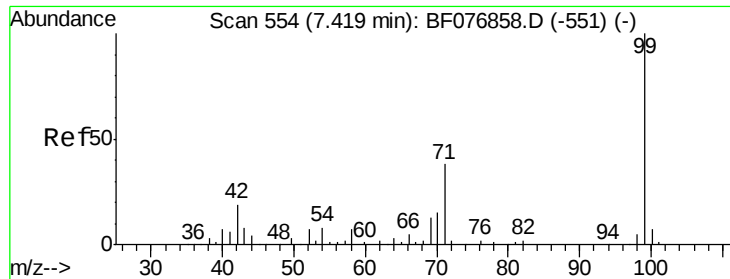


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 101.90 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF076953.D

Acq: 20 Jan 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SP-2

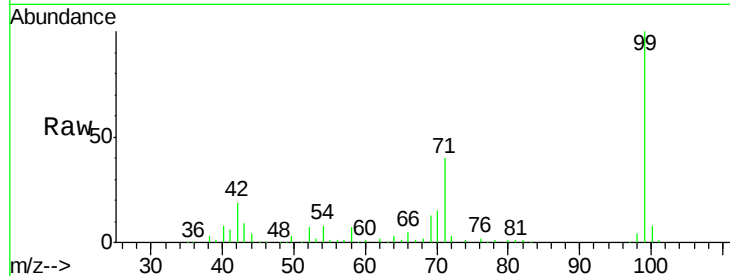
Tot Ion: 99 Resp: 298292

Ion Ratio Lower Upper

99 100

42 19.4 15.0 22.4

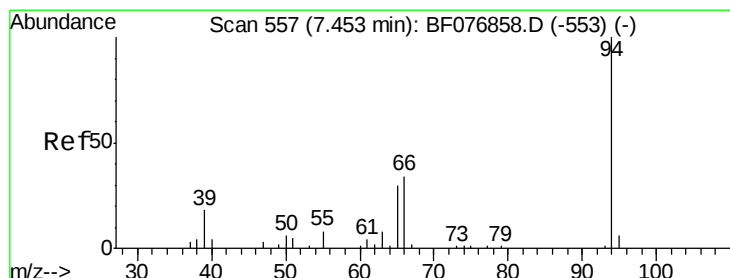
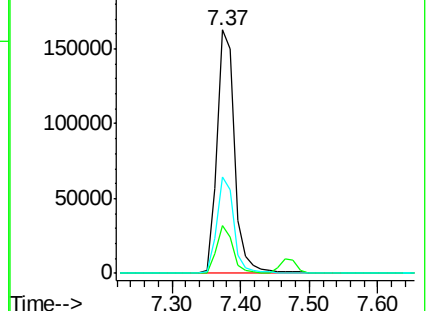
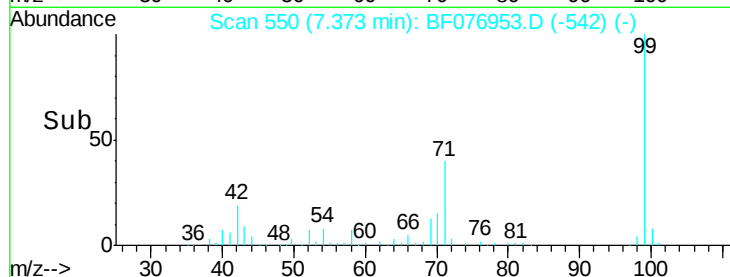
71 39.7 30.5 45.7



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



#10

Phenol

Concen: 4.01 ng

RT: 7.41 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF076953.D

Acq: 20 Jan 2015 6:53

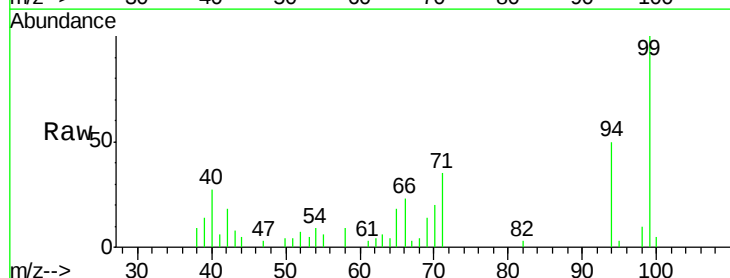
Tgt Ion: 94 Resp: 12473

Ion Ratio Lower Upper

94 100

65 35.1 11.3 51.3

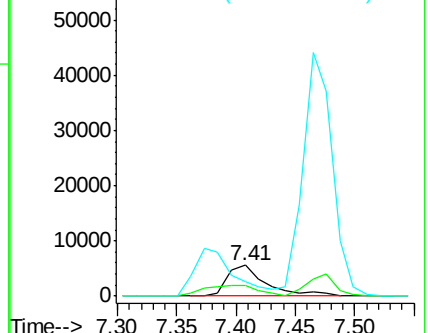
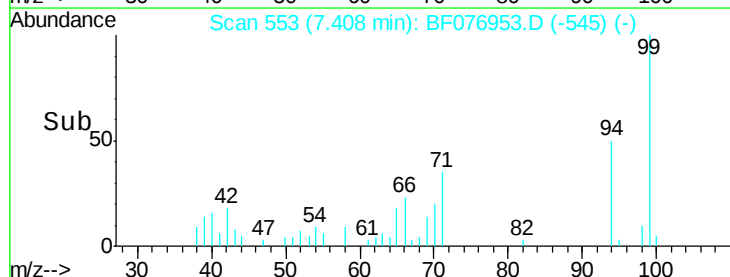
66 46.5 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

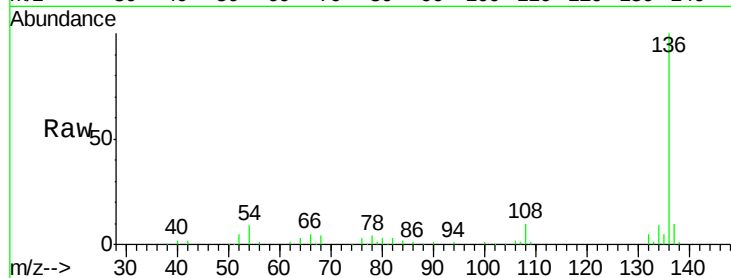




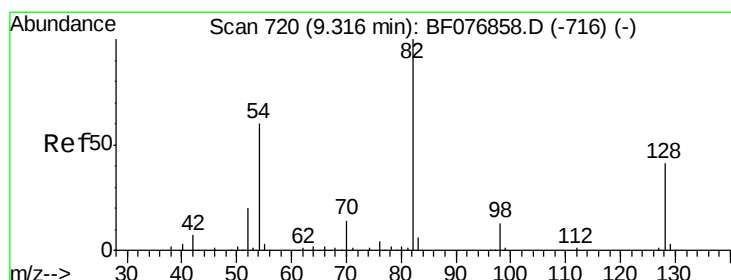
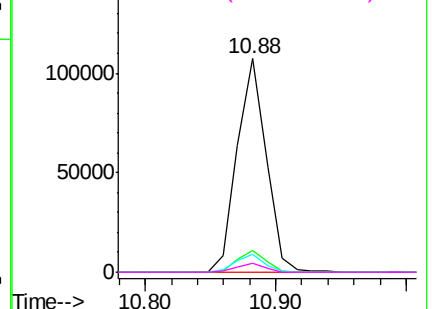
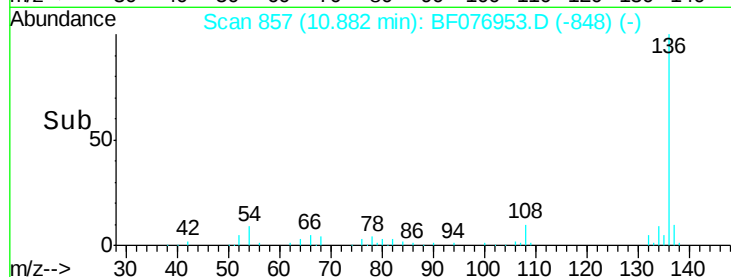
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF076953.D
Acq: 20 Jan 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion:136	Resp:	165610
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.1 12.1
54	8.7	7.0 10.4
68	4.2	3.7 5.5

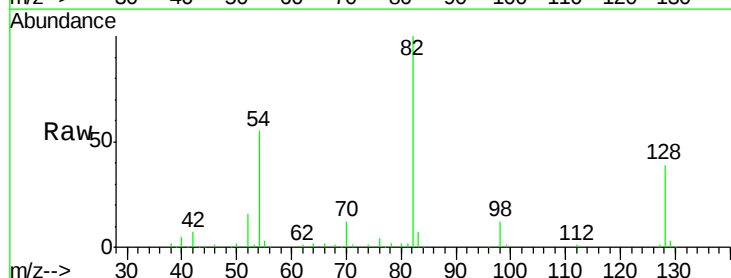


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

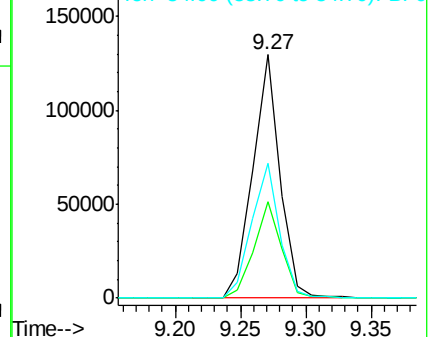
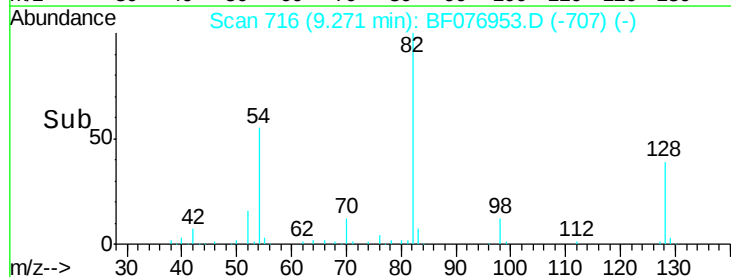


#23
Nitrobenzene-d5
Concen: 62.86 ng
RT: 9.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF076953.D
Acq: 20 Jan 2015 6:53

Tgt Ion: 82	Resp:	187918
Ion Ratio	Lower	Upper
82	100	
128	39.4	33.1 49.7
54	55.2	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: 15.01 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF076953.D

Acq: 20 Jan 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SP-2

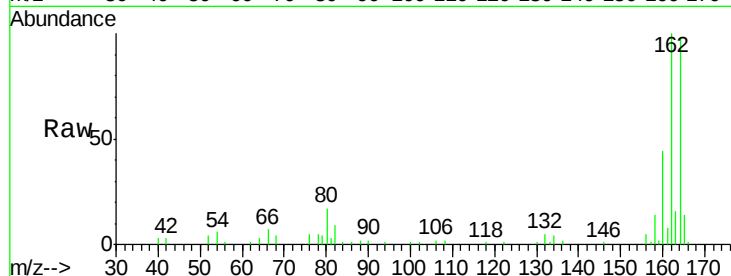
Tot Ion:164 Resp: 88264

Ion Ratio Lower Upper

164 100

162 101.7 82.4 123.6

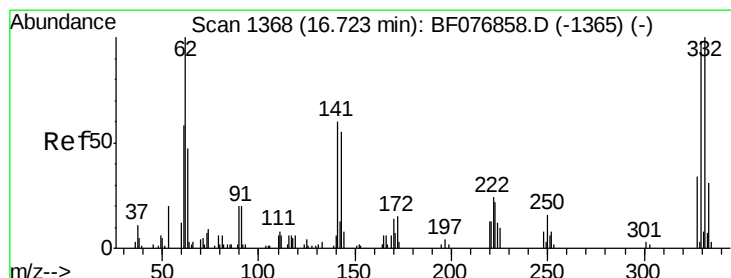
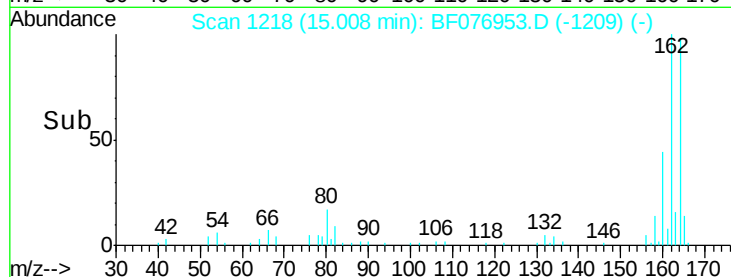
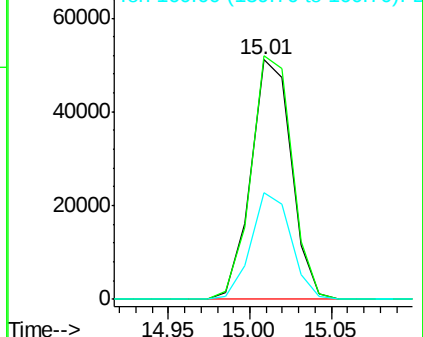
160 44.5 34.8 52.2



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: 93.13 ng

RT: 16.69 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF076953.D

Acq: 20 Jan 2015 6:53

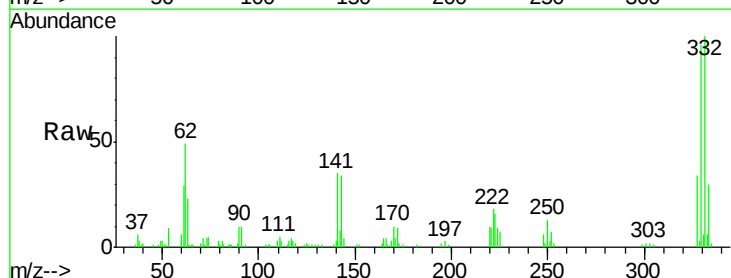
Tgt Ion:330 Resp: 66721

Ion Ratio Lower Upper

330 100

332 100.7 77.8 116.6

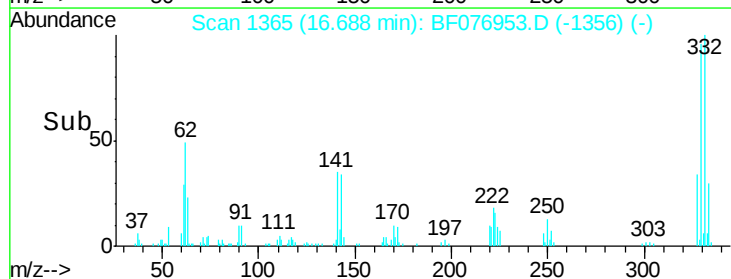
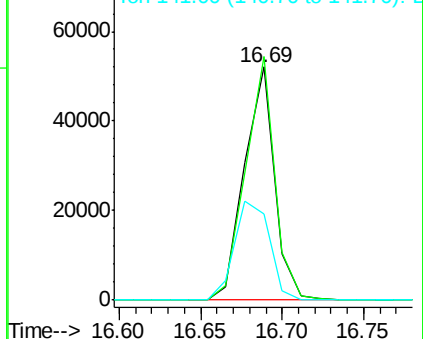
141 49.4 38.5 57.7

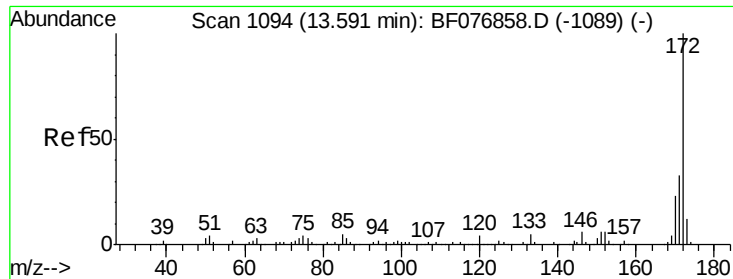


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

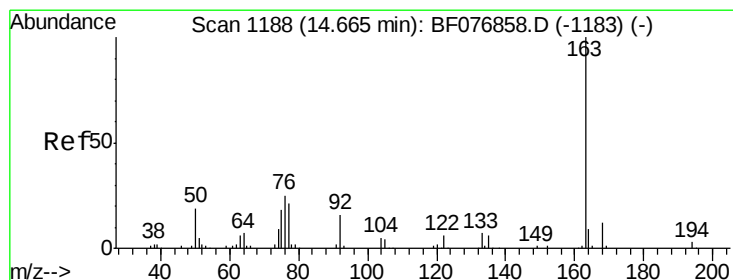
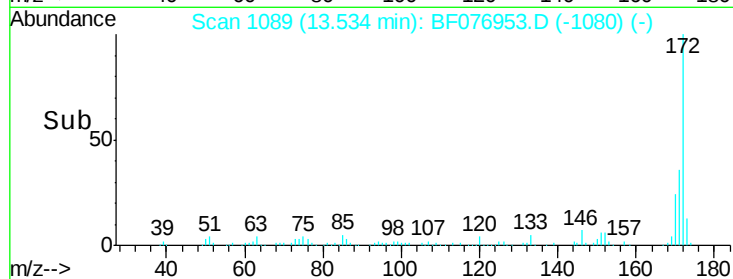
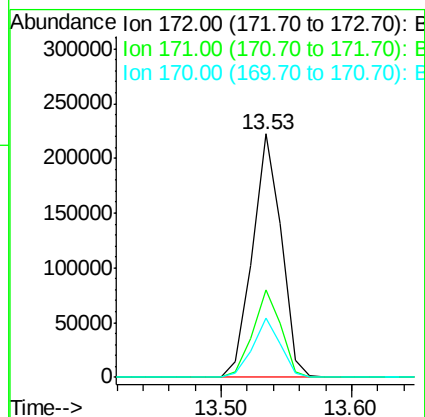
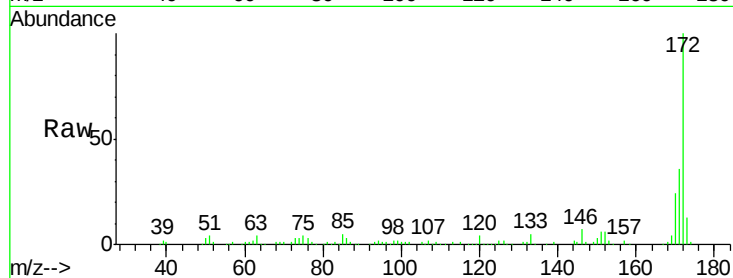




#44
2-Fluorobiphenyl
Concen: 58.91 ng
RT: 13.53 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF076953.D
Acq: 20 Jan 2015 6:53

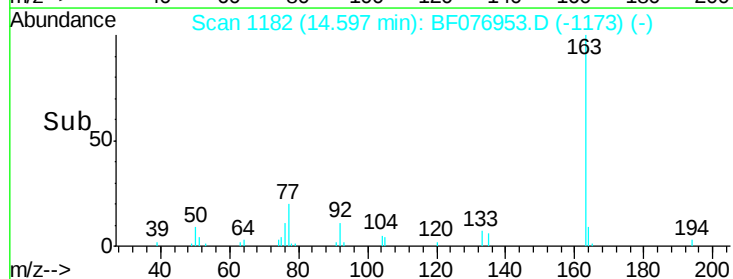
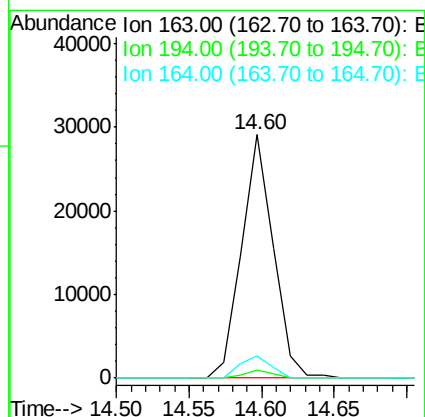
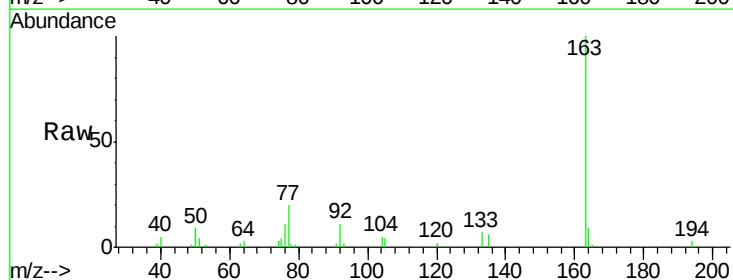
Instrument :
BNA_F
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SP-2

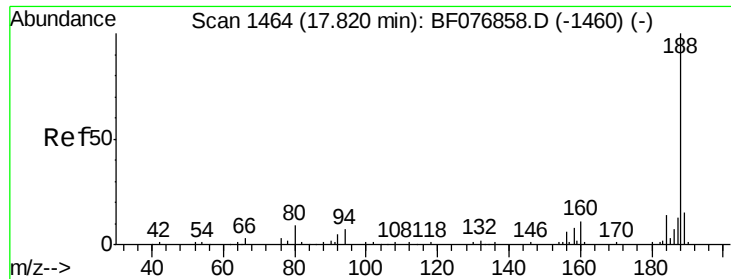
Tot Ion:172 Resp: 341672
Ion Ratio Lower Upper
172 100
171 36.1 26.6 40.0
170 24.3 18.0 27.0



#49
Dimethylphthalate
Concen: 7.07 ng
RT: 14.60 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF076953.D
Acq: 20 Jan 2015 6:53

Tgt Ion:163 Resp: 44252
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.3 7.5 11.3

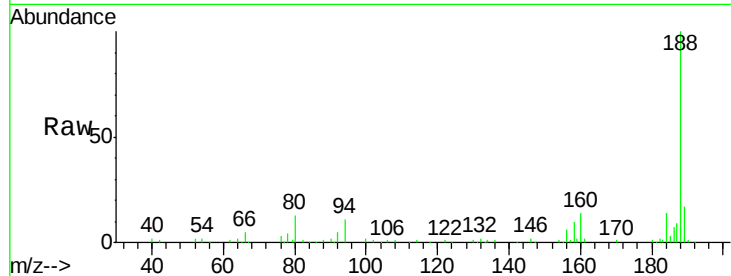




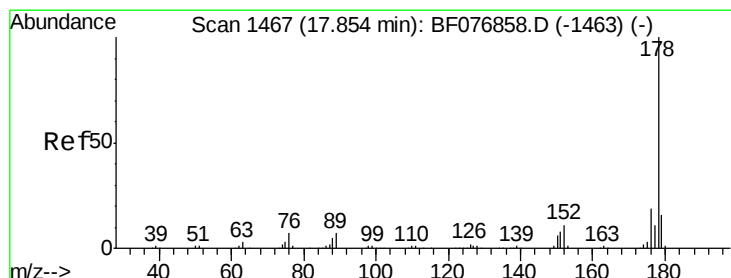
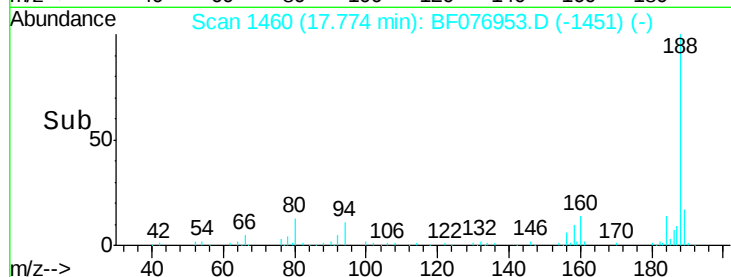
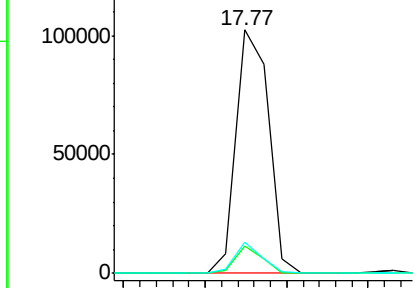
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF076953.D
 Acq: 20 Jan 2015 6:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tot Ion:188 Resp: 141218
 Ion Ratio Lower Upper
 188 100
 94 11.1 6.0 9.0#
 80 12.6 6.9 10.3#

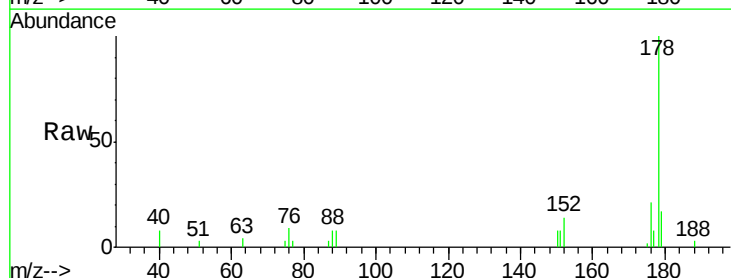


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

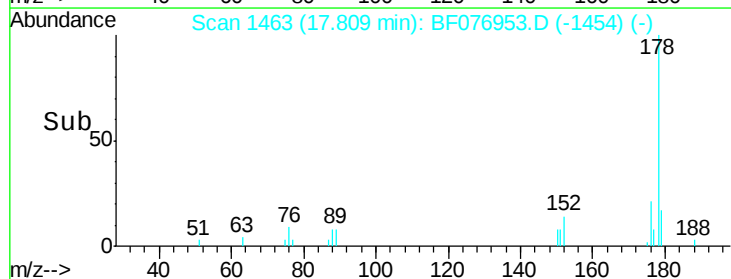
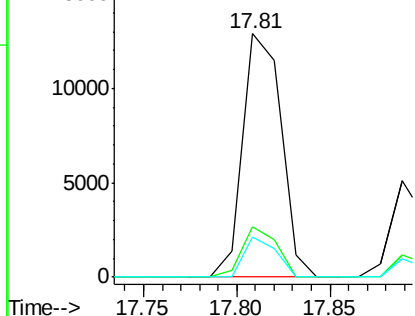


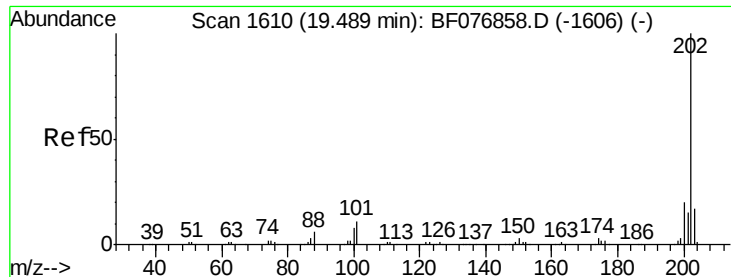
#70
 Phenanthrene
 Concen: 2.10 ng
 RT: 17.81 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF076953.D
 Acq: 20 Jan 2015 6:53

Tgt Ion:178 Resp: 18462
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.1 22.7
 179 16.5 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

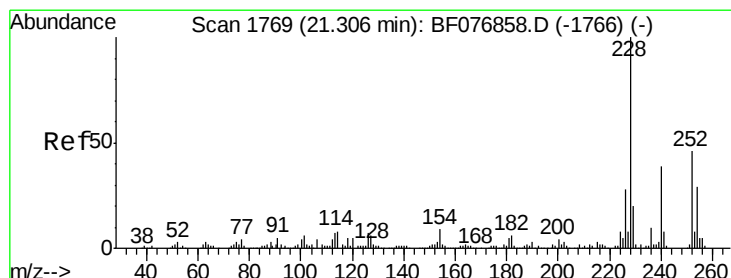
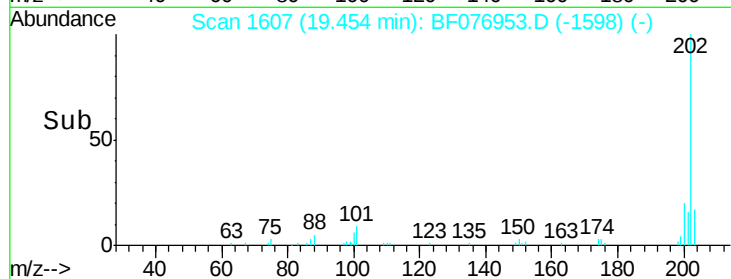
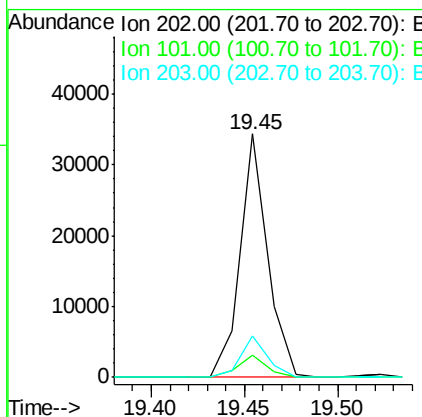
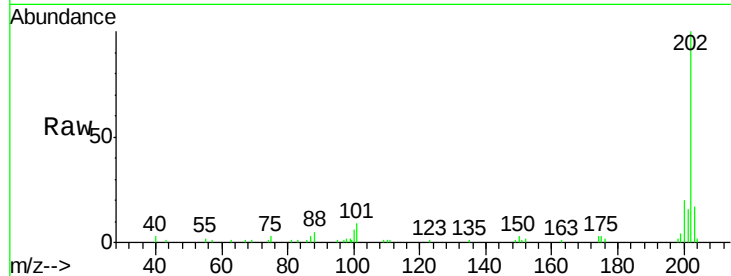




#74
 Fluoranthene
 Concen: 3.90 ng
 RT: 19.45 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF076953.D
 Acq: 20 Jan 2015 6:53

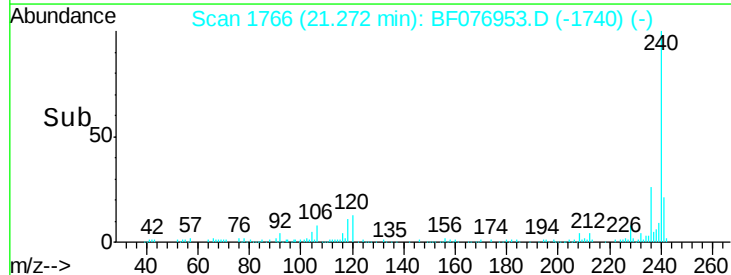
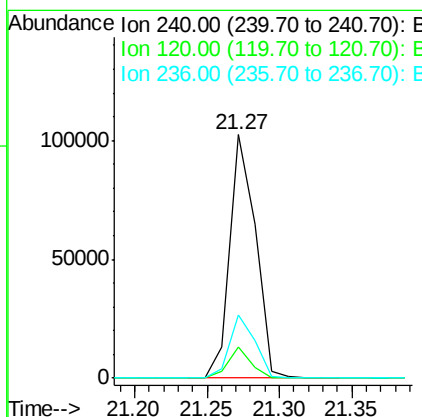
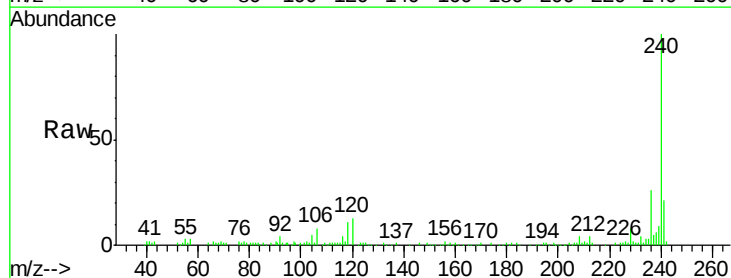
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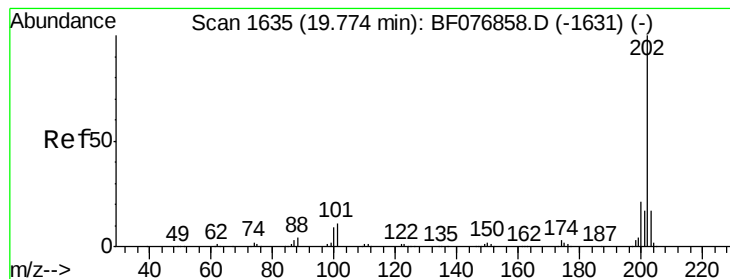
Tot Ion: 202 Resp: 35217
 Ion Ratio Lower Upper
 202 100
 101 9.0 0.0 30.7
 203 17.0 0.0 36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF076953.D
 Acq: 20 Jan 2015 6:53

Tgt Ion: 240 Resp: 126580
 Ion Ratio Lower Upper
 240 100
 120 12.8 10.4 15.6
 236 26.1 20.2 30.2





#77

Pvrene

Concen: 3.79 ng

RT: 19.74 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BF076953.D

Acq: 20 Jan 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SP-2

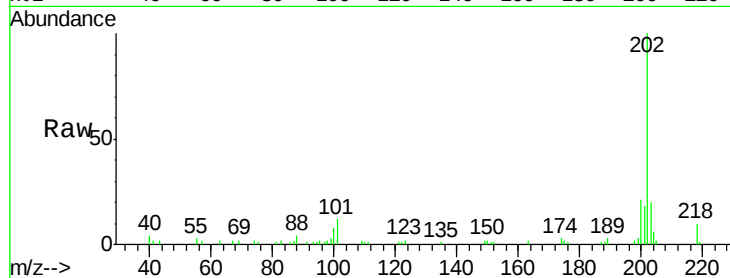
Tot Ion:202 Resp: 32846

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

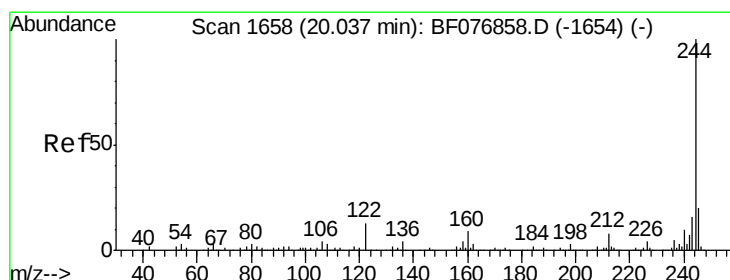
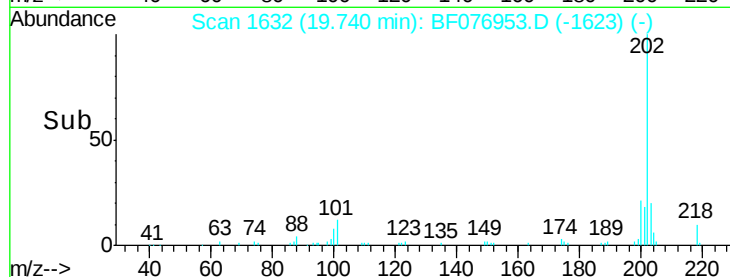
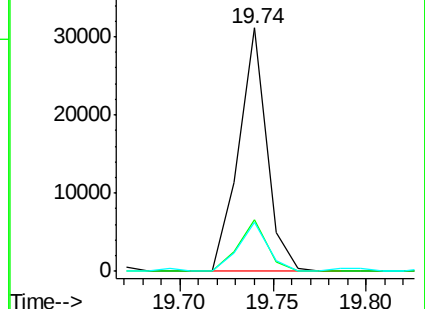
203 20.2 14.0 21.0



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: 52.32 ng

RT: 20.00 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF076953.D

Acq: 20 Jan 2015 6:53

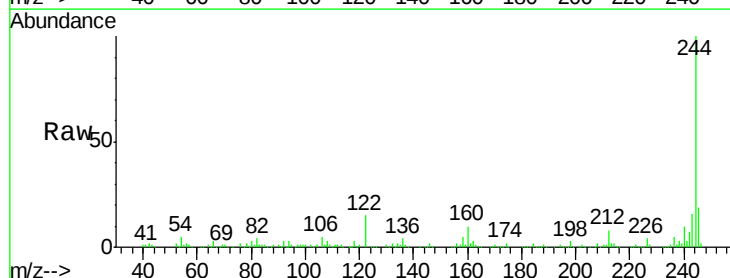
Tgt Ion:244 Resp: 287683

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

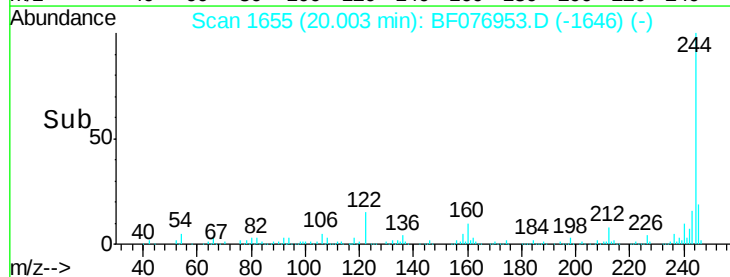
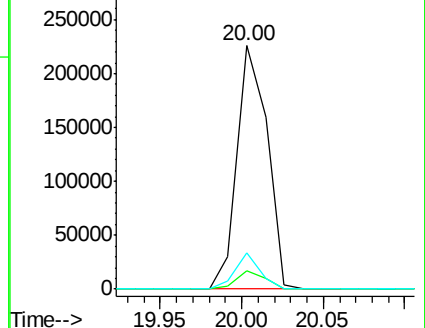
122 14.7 10.1 15.1

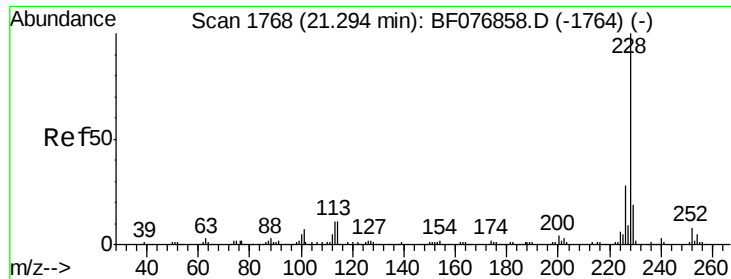


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.37 ng

RT: 21.26 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF076953.D

Acq: 20 Jan 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SP-2

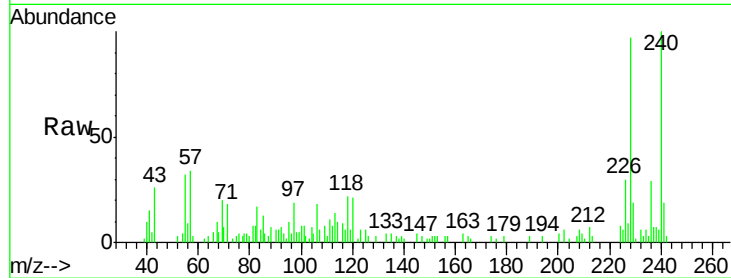
Tot Ion:228 Resp: 18813

Ion Ratio Lower Upper

228 100

226 30.6 22.1 33.1

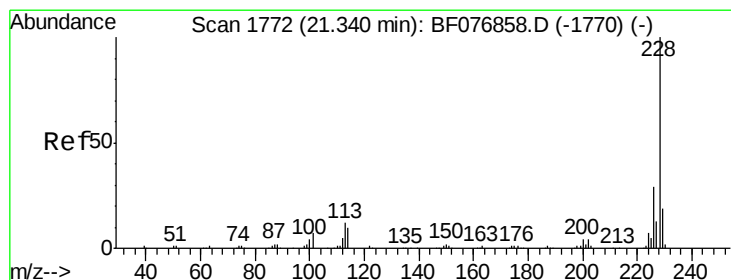
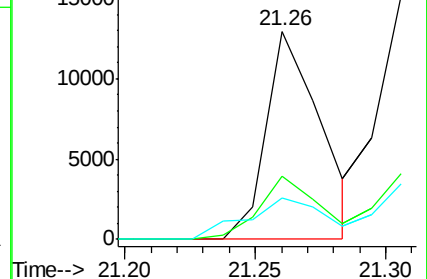
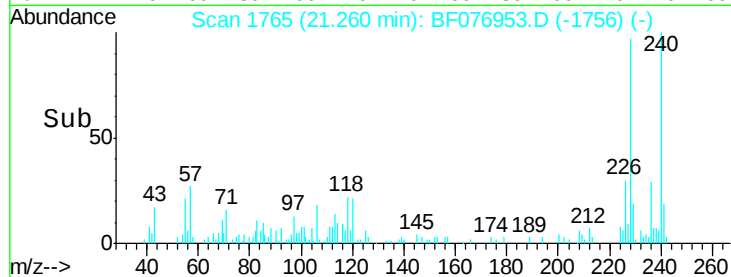
229 19.9 15.5 23.3



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



#82

Chrysene

Concen: 2.42 ng

RT: 21.31 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF076953.D

Acq: 20 Jan 2015 6:53

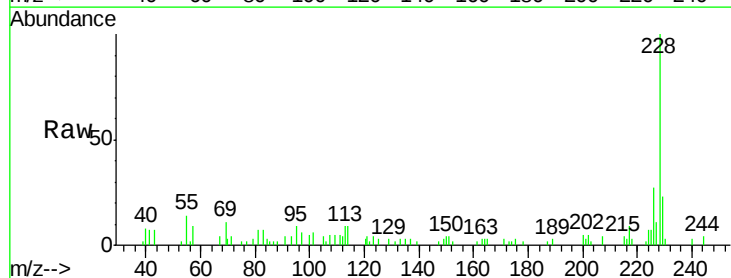
Tgt Ion:228 Resp: 17496

Ion Ratio Lower Upper

228 100

226 27.0 23.4 35.0

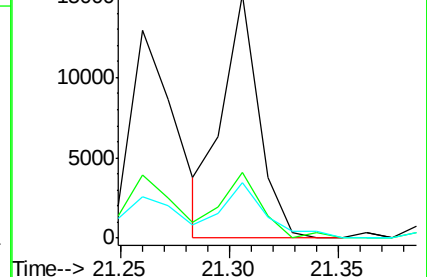
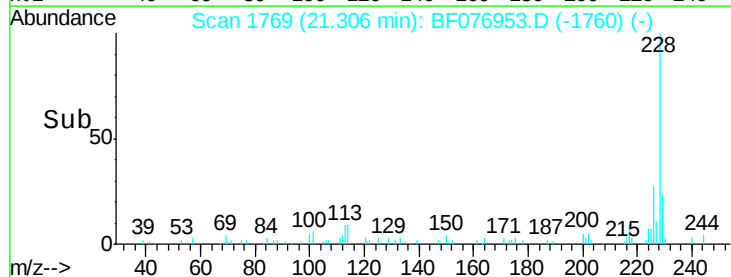
229 22.6 15.4 23.0

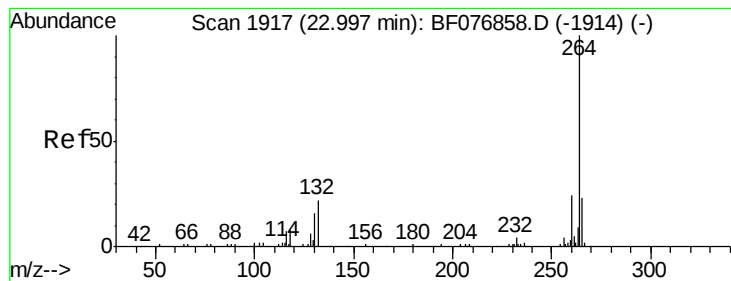


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 22.93 min Scan# 1911

Delta R.T. 0.01 min

Lab File: BF076953.D

Acq: 20 Jan 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SP-2

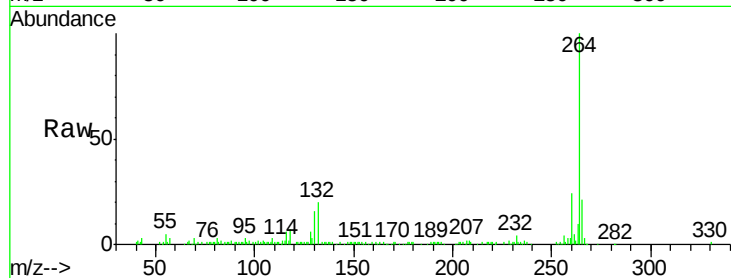
Tot Ion:264 Resp: 118241

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

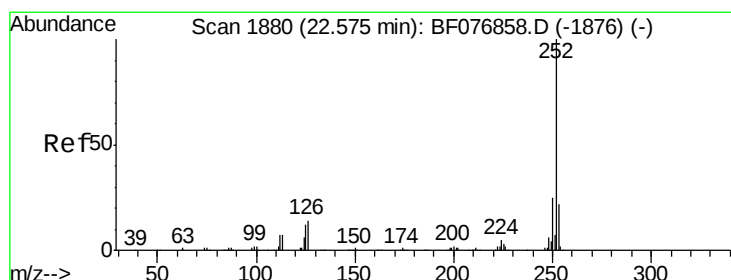
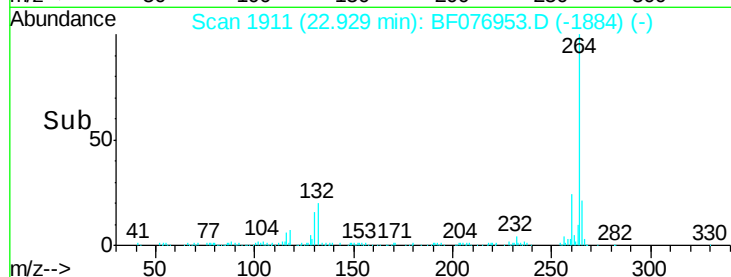
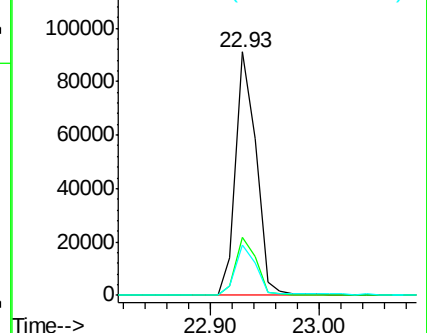
265 20.5 18.1 27.1



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: 3.45 ng m

RT: 22.52 min Scan# 1875

Delta R.T. 0.01 min

Lab File: BF076953.D

Acq: 20 Jan 2015 6:53

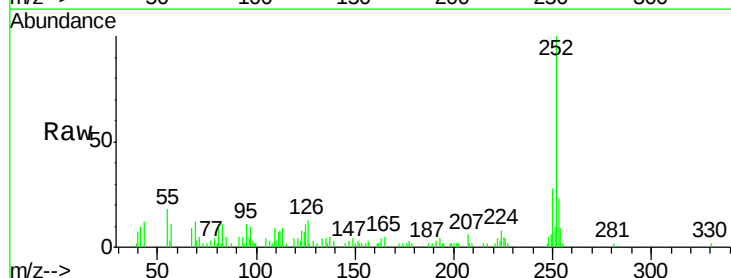
Tgt Ion:252 Resp: 27499

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

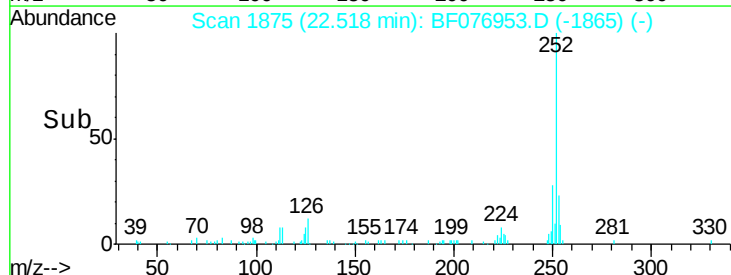
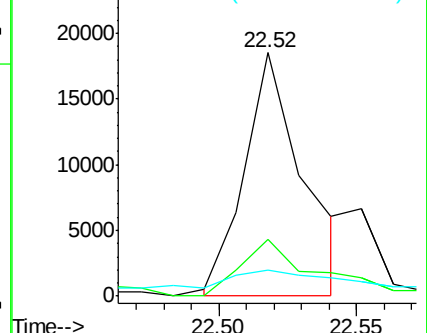
125 10.8 9.4 14.0

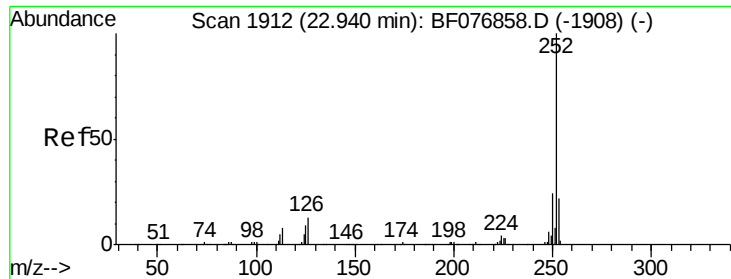


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

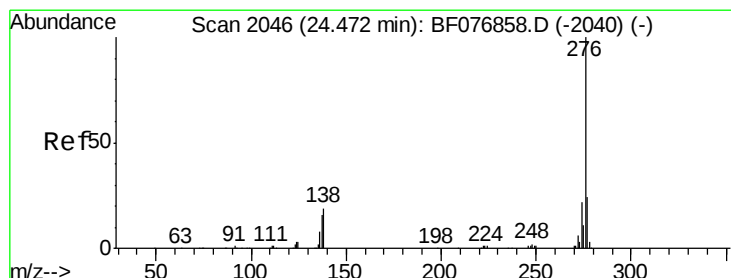
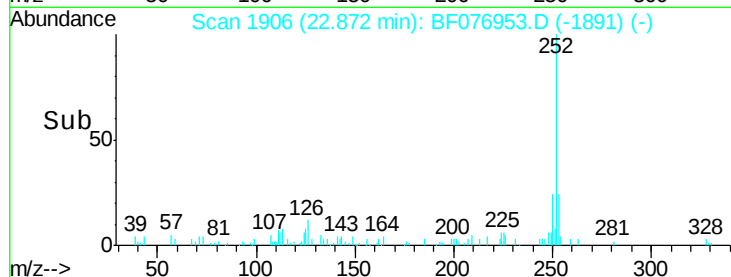
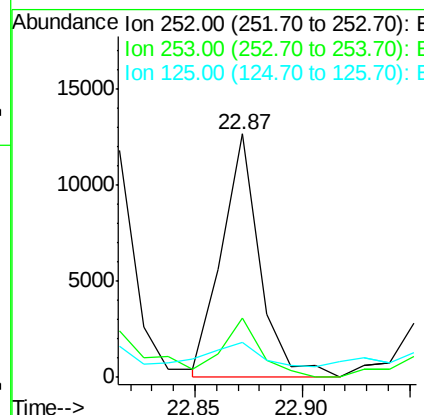
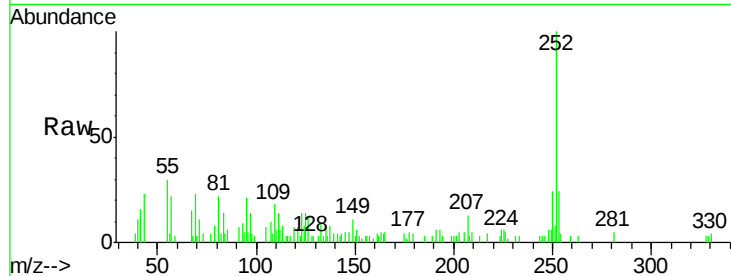




#89
Benzo(a)pyrene
Concen: 2.22 ng m
RT: 22.87 min Scan# 1906
Delta R.T. 0.07 min
Lab File: BF076953.D
Acq: 20 Jan 2015 6:53

Instrument :
BNA_F
ClientSampled :
SP-2

Tot Ion:252 Resp: 15621
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 14.3 7.2 10.8#



#91
Benzo(g,h,i)perylene
Concen: 2.12 ng m
RT: 24.35 min Scan# 2035
Delta R.T. -0.07 min
Lab File: BF076953.D
Acq: 20 Jan 2015 6:53

Tgt Ion:276 Resp: 13609
Ion Ratio Lower Upper
276 100
277 25.2 19.5 29.3
138 19.7 15.0 22.6

