

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
 Data File : BF078147.D
 Acq On : 1 Apr 2015 8:50
 Operator : TP/IZ
 Sample : G1711-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)

Quant Time: Apr 01 12:53:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:58:34 2015
 Response via : Initial Calibration

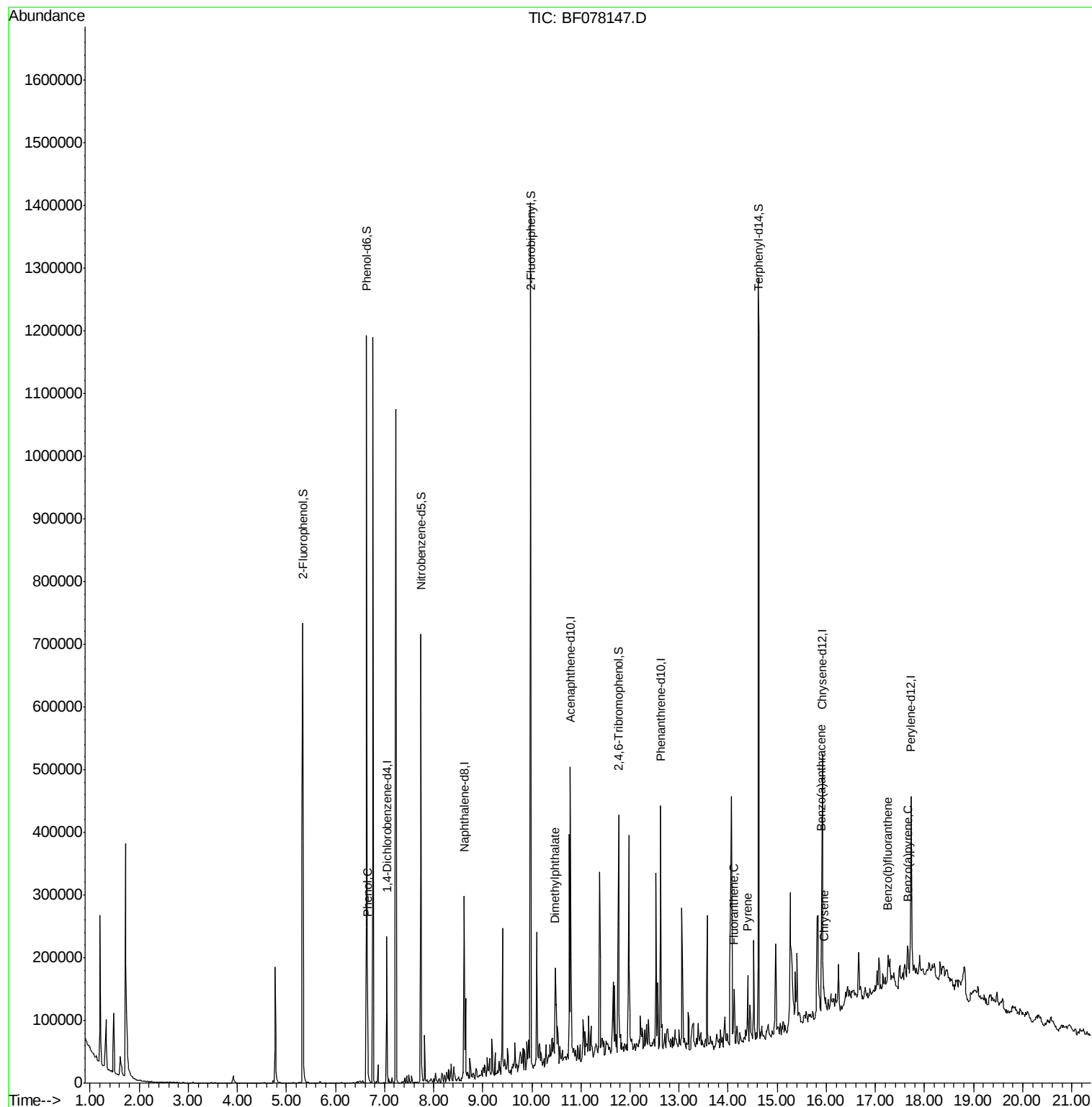
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	43193	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	177028	20.00	ng	0.00
38) Acenaphthene-d10	10.78	164	91231	20.00	ng	-0.01
63) Phenanthrene-d10	12.63	188	171719	20.00	ng	0.00
75) Chrysene-d12	15.92	240	168565m	20.00	ng	-0.07
86) Perylene-d12	17.72	264	161816	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	278463	112.53	ng	0.00
7) Phenol-d6	6.64	99	424741	138.93	ng	0.00
23) Nitrobenzene-d5	7.74	82	263099	97.42	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	46791	53.61	ng	-0.01
44) 2-Fluorobiphenyl	9.97	172	567534	91.42	ng	0.00
78) Terphenyl-d14	14.63	244	602987m	87.38	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.65	94	13262	3.67	ng	97
49) Dimethylphthalate	10.48	163	53792	7.95	ng	100
74) Fluoranthene	14.12	202	39501	3.63	ng	96
77) Pyrene	14.40	202	37270m	3.52	ng	
80) Benzo(a)anthracene	15.91	228	25740m	2.58	ng	
82) Chrysene	15.95	228	23488m	2.61	ng	
87) Benzo(b)fluoranthene	17.25	252	27982	2.65	ng	# 84
89) Benzo(a)pyrene	17.65	252	19726	2.24	ng	# 76

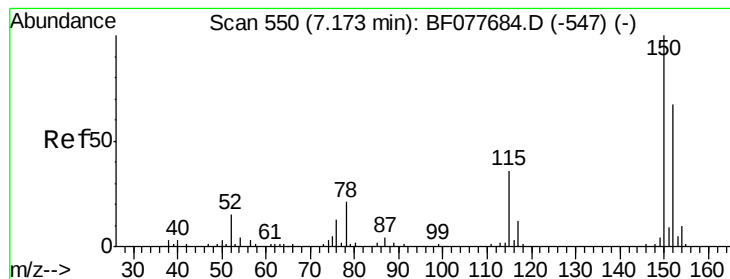
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF078147.D

Acq: 1 Apr 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)

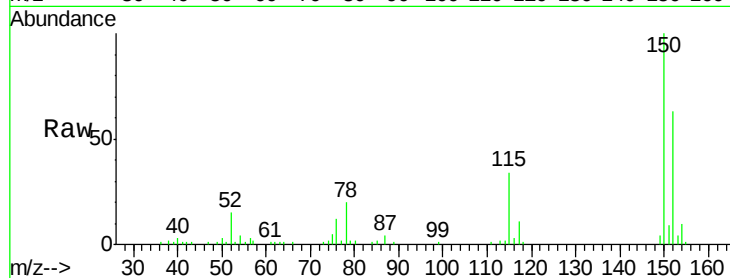
Tot Ion:152 Resp: 43193

Ion Ratio Lower Upper

152 100

150 159.2 119.5 179.3

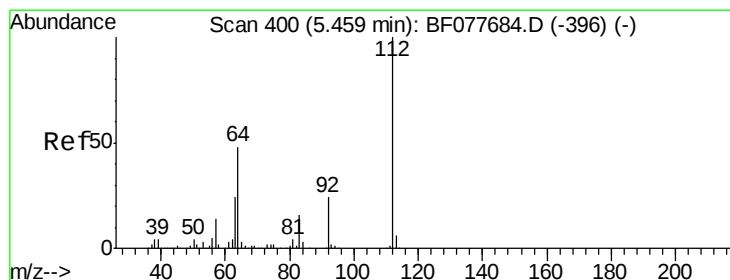
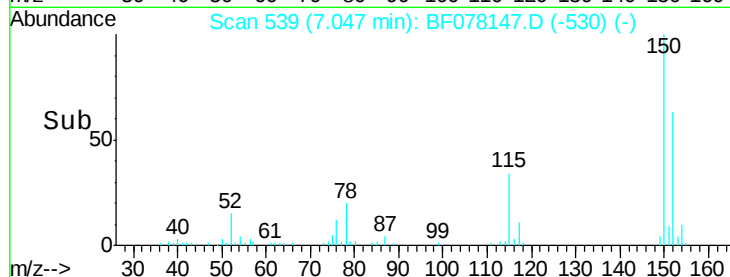
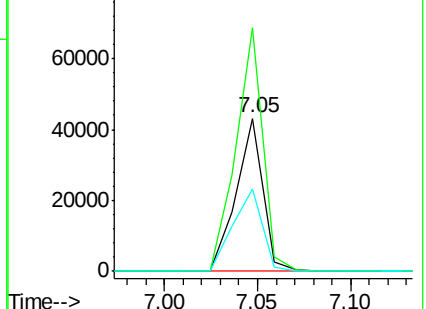
115 53.9 43.0 64.4



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: 112.53 ng

RT: 5.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF078147.D

Acq: 1 Apr 2015 8:50

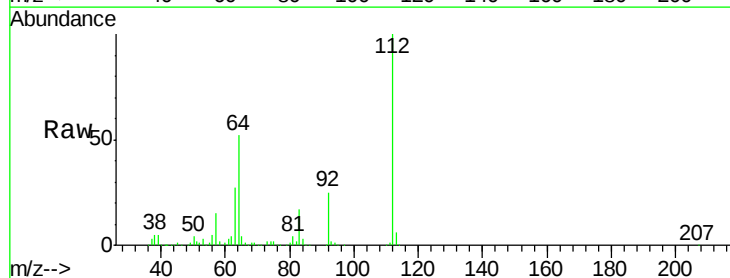
Tgt Ion:112 Resp: 278463

Ion Ratio Lower Upper

112 100

64 52.0 38.6 57.8

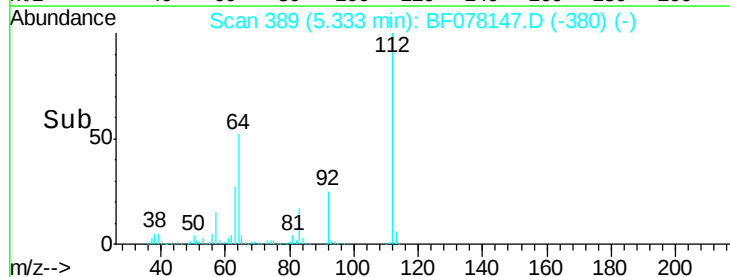
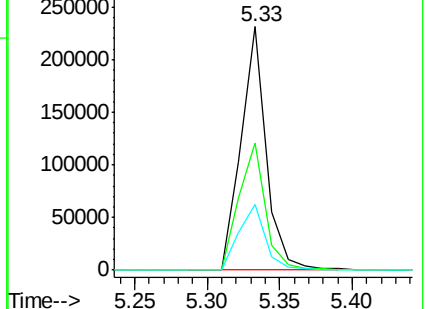
63 26.8 19.3 28.9



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: 138.93 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078147.D

Acq: 1 Apr 2015 8:50

Instrument :

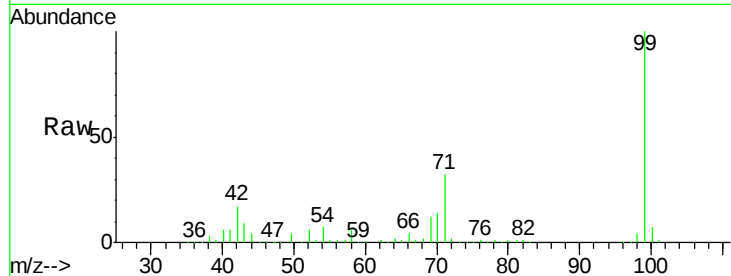
BNA_F

ClientSampleId :

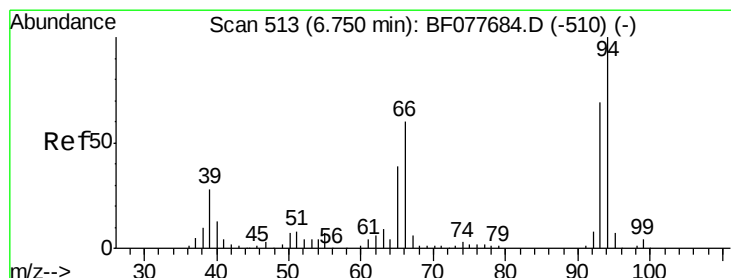
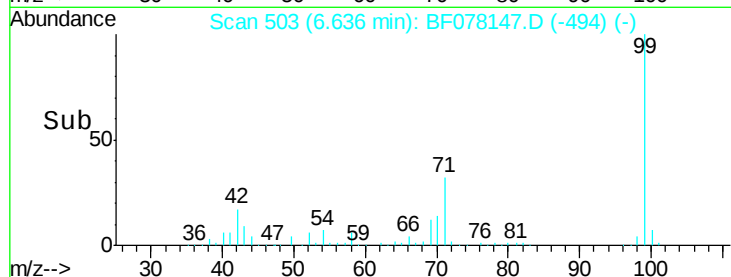
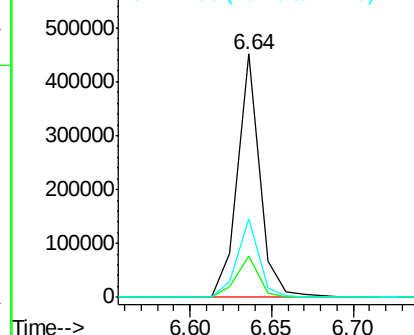
SB2(1-2)

Tot Ion: 99 Resp: 424741

Ion	Ratio	Lower	Upper
99	100		
42	16.8	11.0	16.4#
71	32.4	23.4	35.2



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: 3.67 ng

RT: 6.65 min Scan# 504

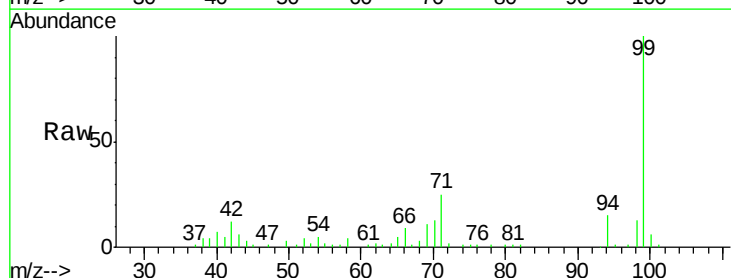
Delta R.T. -0.01 min

Lab File: BF078147.D

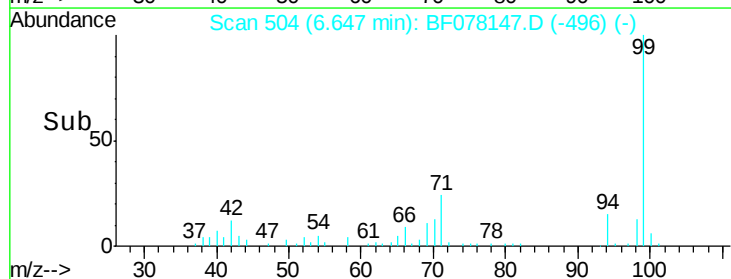
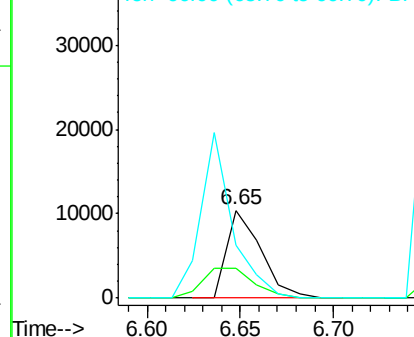
Acq: 1 Apr 2015 8:50

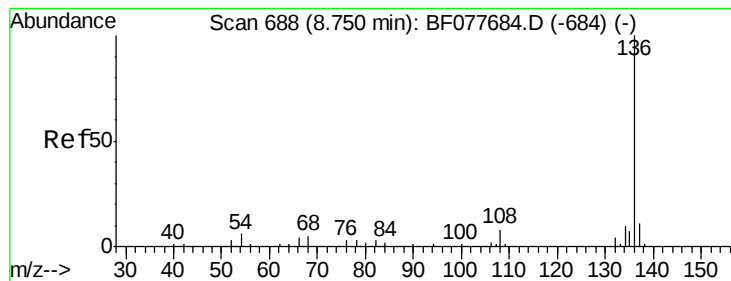
Tgt Ion: 94 Resp: 13262

Ion	Ratio	Lower	Upper
94	100		
65	34.6	18.8	58.8
66	60.6	39.9	79.9



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: 8.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF078147.D

Acq: 1 Apr 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)

Tot Ion:136 Resp: 177028

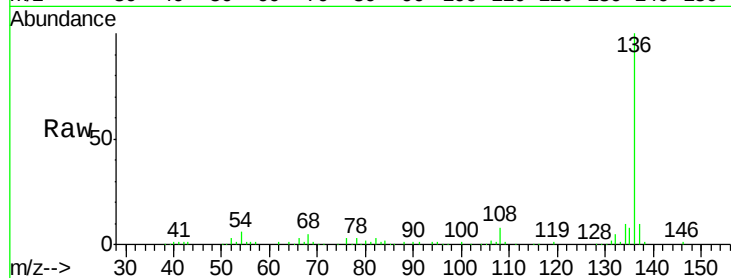
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.7 4.6 6.8

68 4.8 3.7 5.5

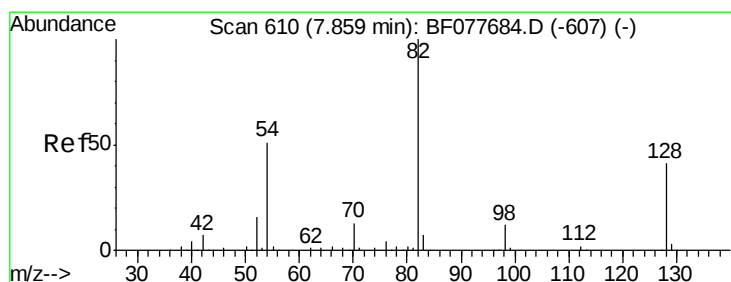
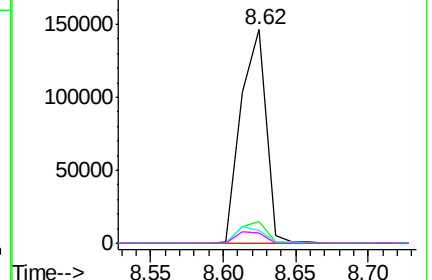
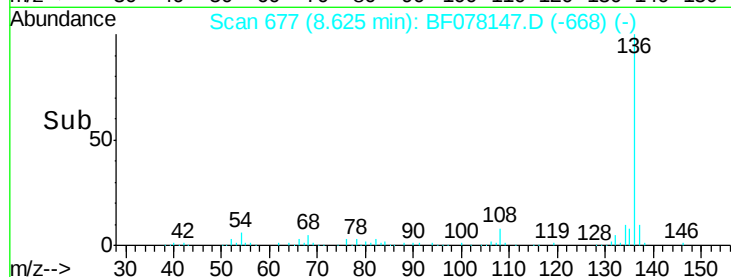


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.42 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF078147.D

Acq: 1 Apr 2015 8:50

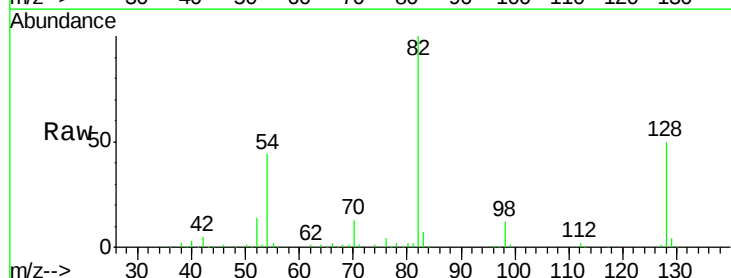
Tgt Ion: 82 Resp: 263099

Ion Ratio Lower Upper

82 100

128 50.5 32.8 49.2#

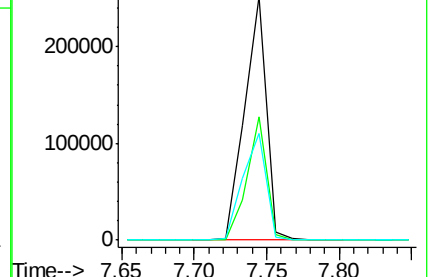
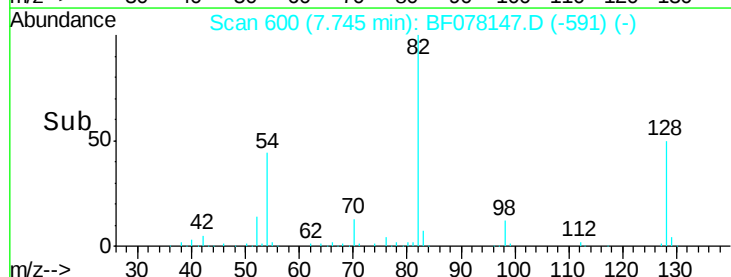
54 44.0 40.6 60.8

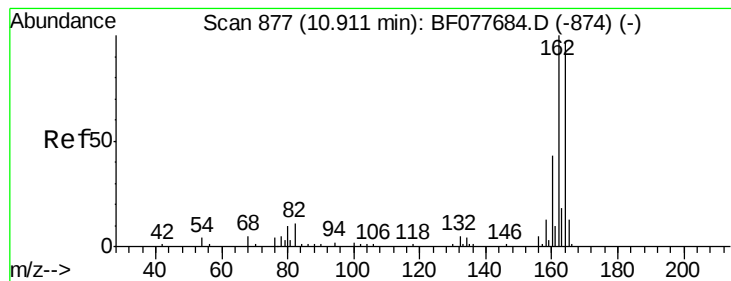


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.78 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF078147.D

Acq: 1 Apr 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)

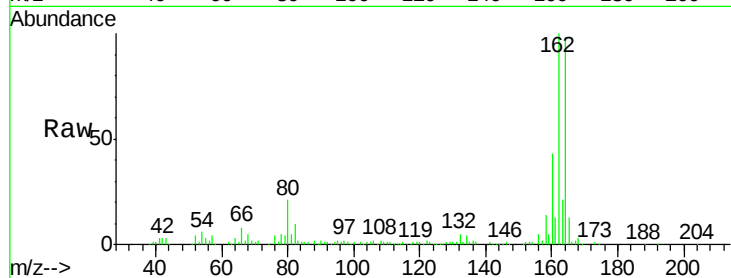
Tot Ion:164 Resp: 91231

Ion Ratio Lower Upper

164 100

162 102.4 82.4 123.6

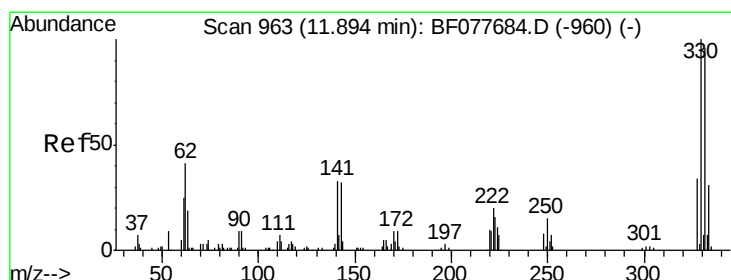
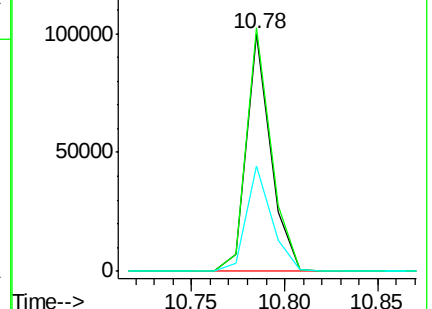
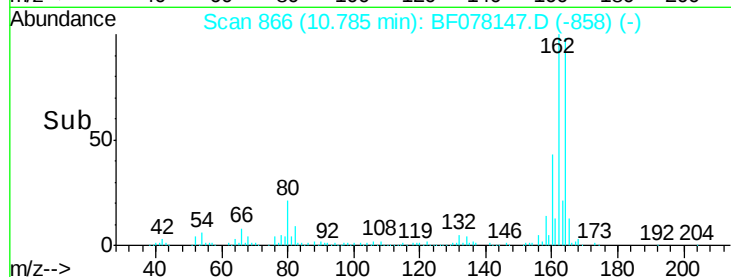
160 44.1 35.8 53.6



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: 53.61 ng

RT: 11.77 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF078147.D

Acq: 1 Apr 2015 8:50

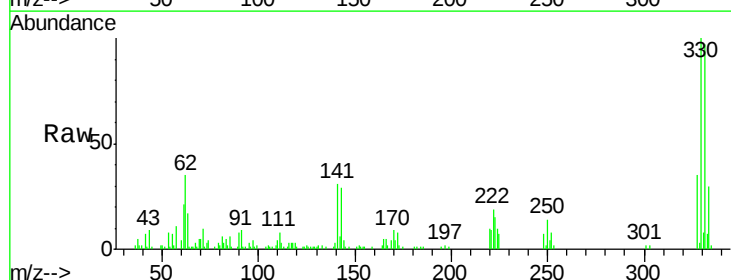
Tgt Ion:330 Resp: 46791

Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

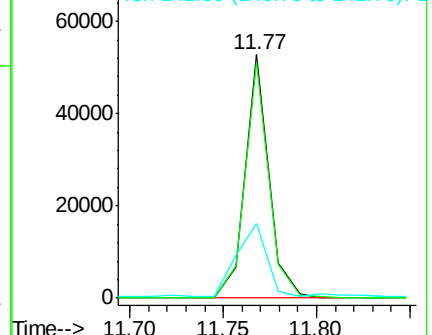
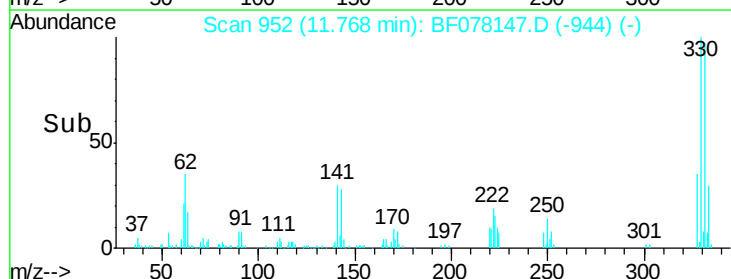
141 39.7 0.0 0.0#

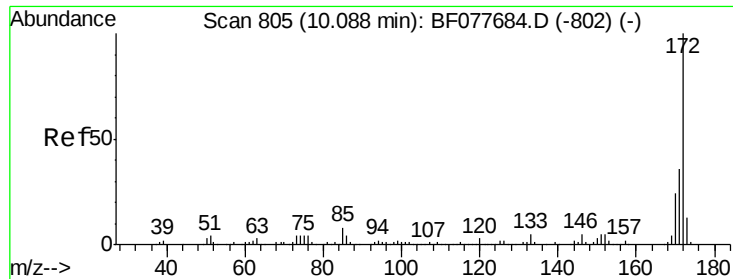


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

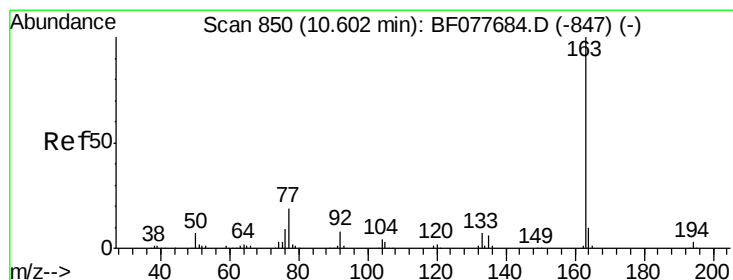
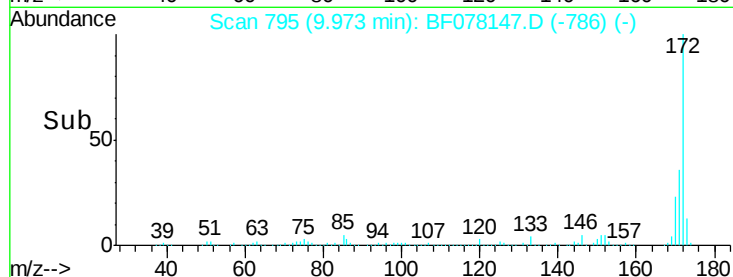
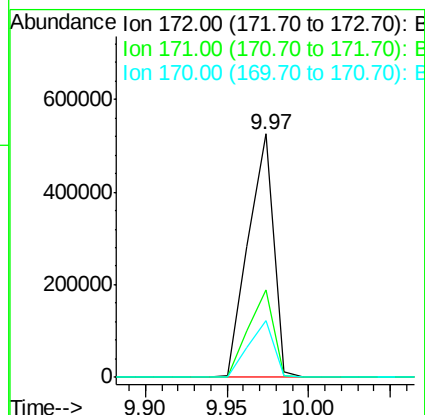
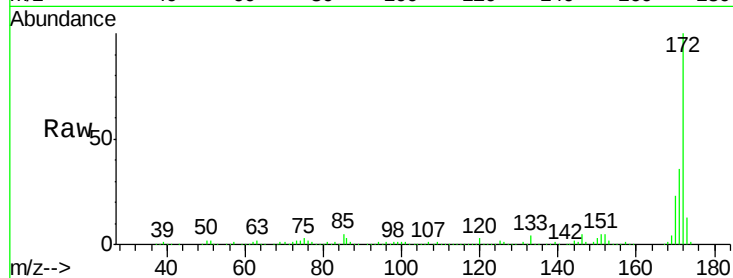




#44
2-Fluorobiphenyl
Concen: 91.42 ng
RT: 9.97 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF078147.D
Acq: 1 Apr 2015 8:50

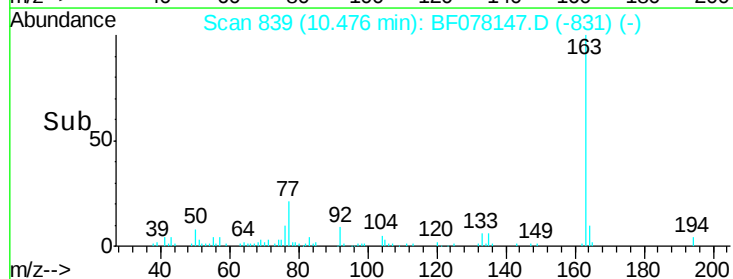
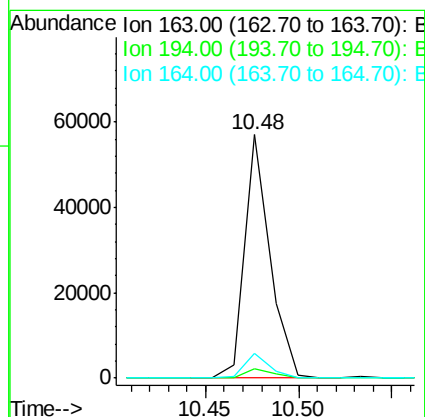
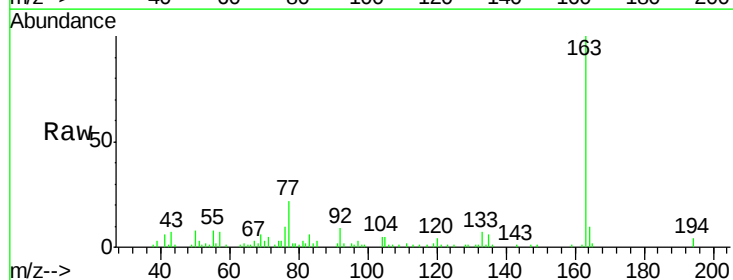
Instrument :
BNA_F
ClientSampleId :
SB2(1-2)

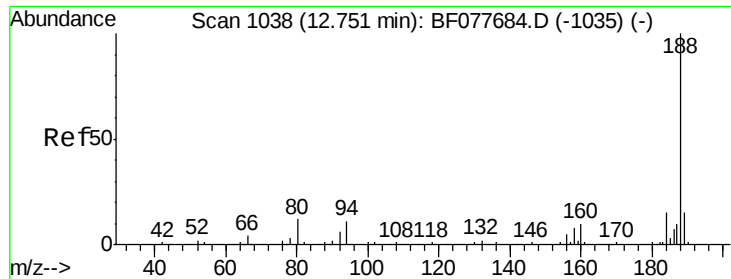
Tot Ion:172 Resp: 567534
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.4 18.8 28.2



#49
Dimethylphthalate
Concen: 7.95 ng
RT: 10.48 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF078147.D
Acq: 1 Apr 2015 8:50

Tgt Ion:163 Resp: 53792
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.2 12.2

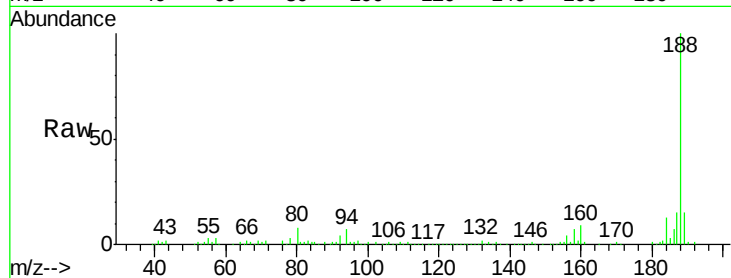




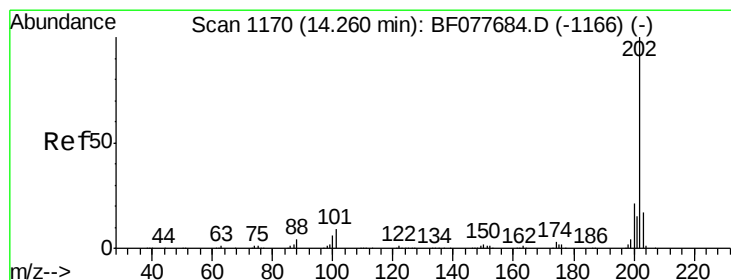
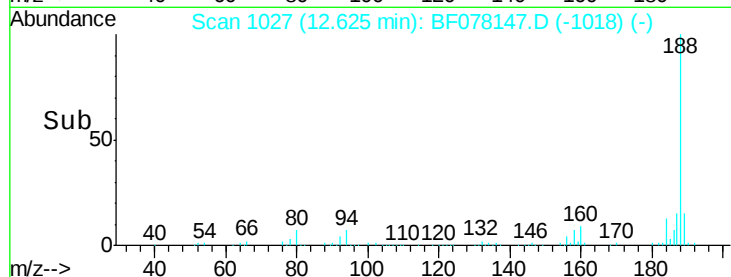
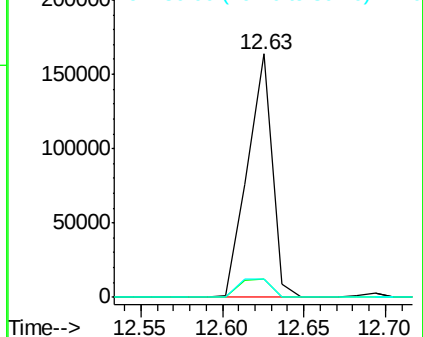
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078147.D
Acq: 1 Apr 2015 8:50

Instrument :
BNA_F
ClientSampleId :
SB2(1-2)

Tot Ion:188 Resp: 171719
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 7.6 9.3 13.9#

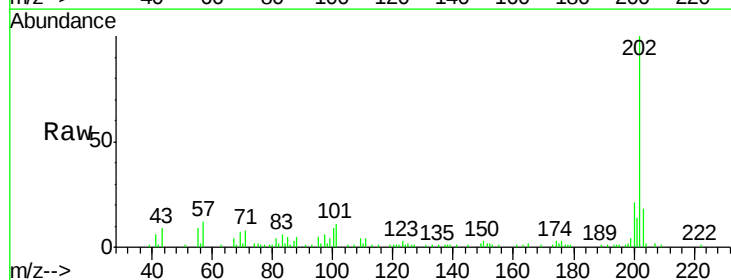


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

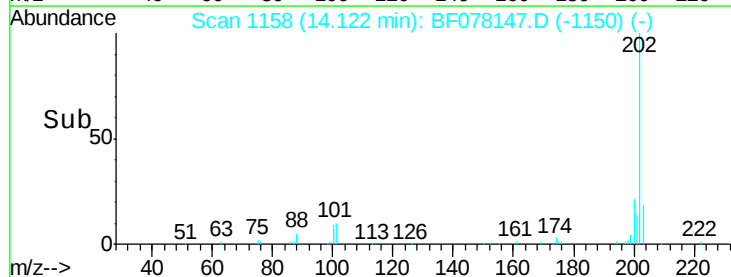
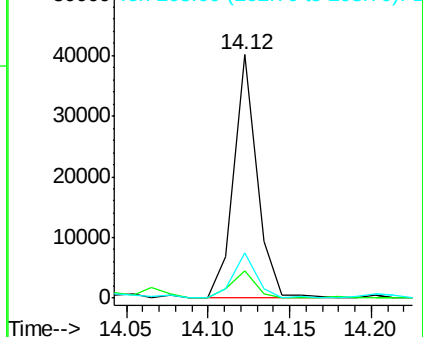


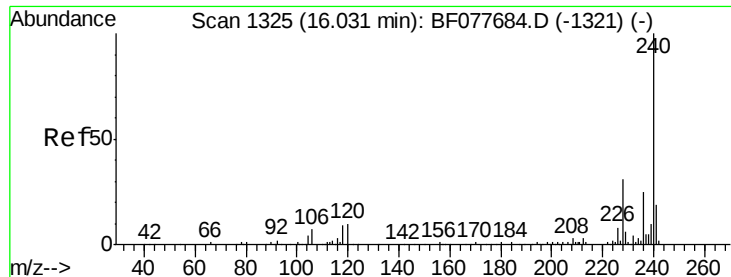
#74
Fluoranthene
Concen: 3.63 ng
RT: 14.12 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF078147.D
Acq: 1 Apr 2015 8:50

Tgt Ion:202 Resp: 39501
Ion Ratio Lower Upper
202 100
101 11.2 0.0 28.7
203 18.4 0.0 37.2



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/mL

RT: 15.92 min Scan# 1315

Delta R.T. -0.07 min

Lab File: BF078147.D

Acq: 1 Apr 2015 8:50

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)

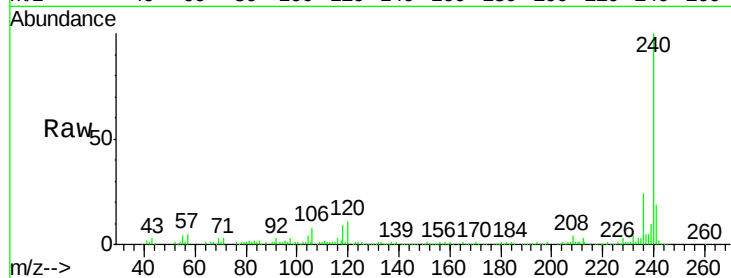
Tot Ion:240 Resp: 168565

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

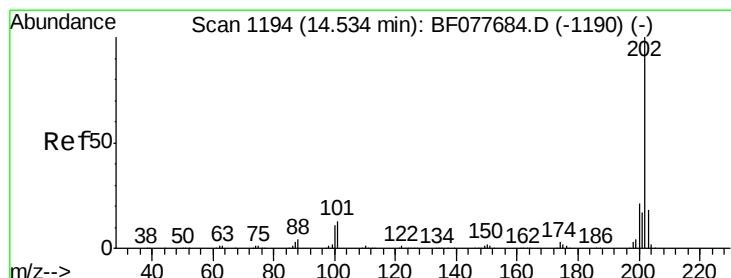
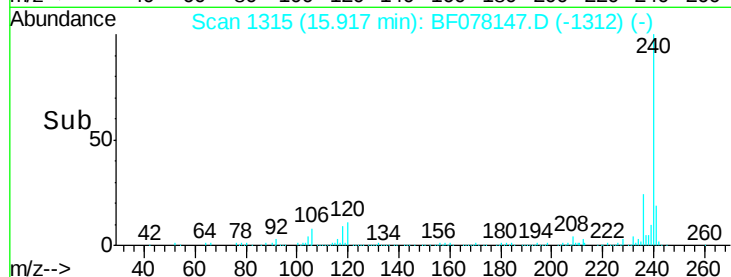
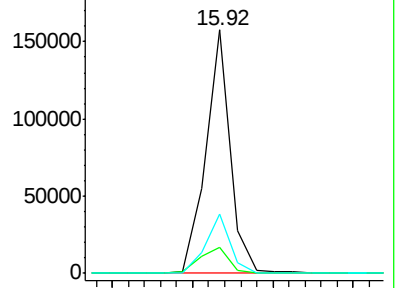
236 24.4 20.0 30.0



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: 3.52 ng/mL

RT: 14.40 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF078147.D

Acq: 1 Apr 2015 8:50

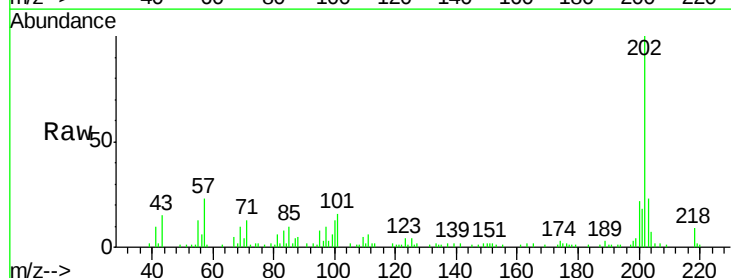
Tgt Ion:202 Resp: 37270

Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

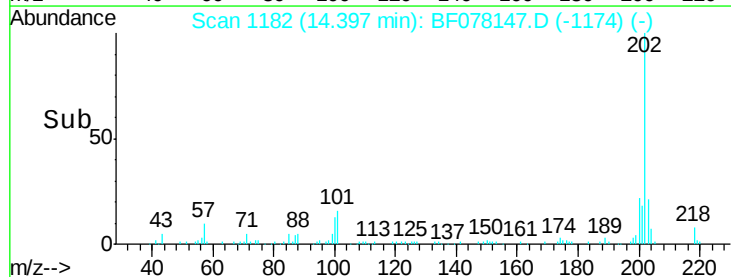
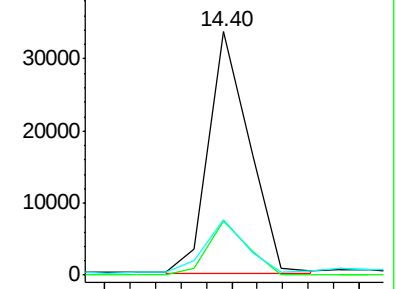
203 22.7 14.1 21.1#

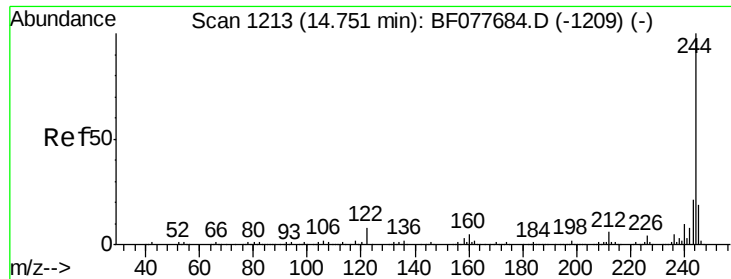


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.38 ng/mL

RT: 14.63 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF078147.D

Acq: 1 Apr 2015 8:50

Instrument :

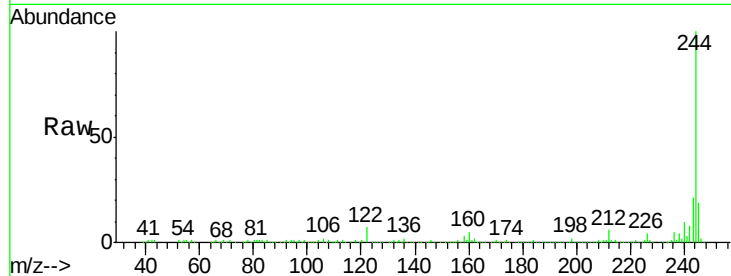
BNA_F

ClientSampleID :

SB2(1-2)

Tot Ion:244 Resp: 602987

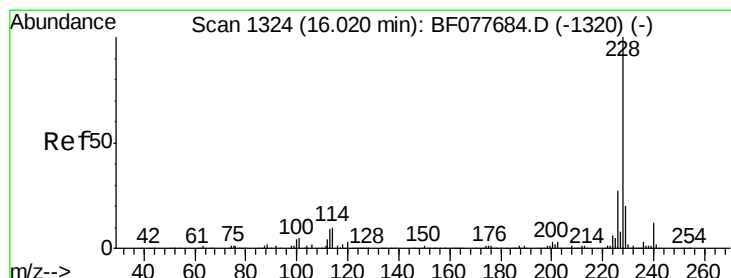
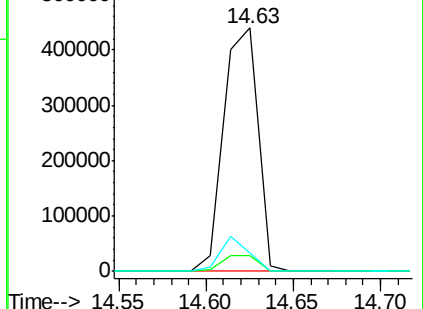
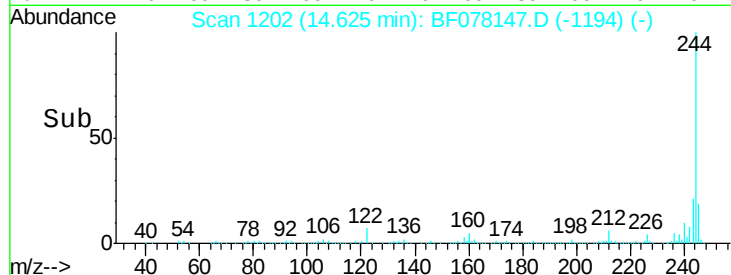
Ion	Ratio	Lower	Upper
244	100		
212	6.3	4.9	7.3
122	7.4	6.2	9.4



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



#80

Benzo(a)anthracene

Concen: 2.58 ng/mL

RT: 15.91 min Scan# 1314

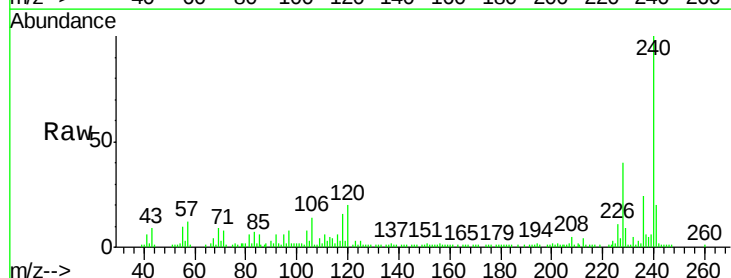
Delta R.T. -0.06 min

Lab File: BF078147.D

Acq: 1 Apr 2015 8:50

Tgt Ion:228 Resp: 25740

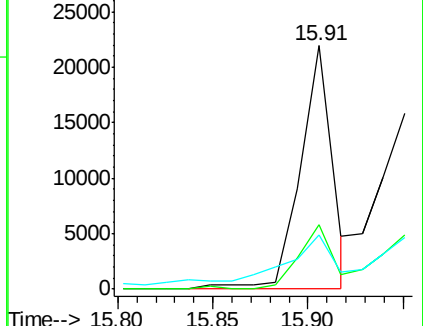
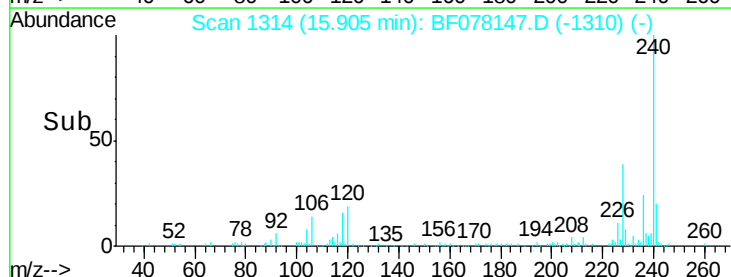
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	22.5	16.0	24.0

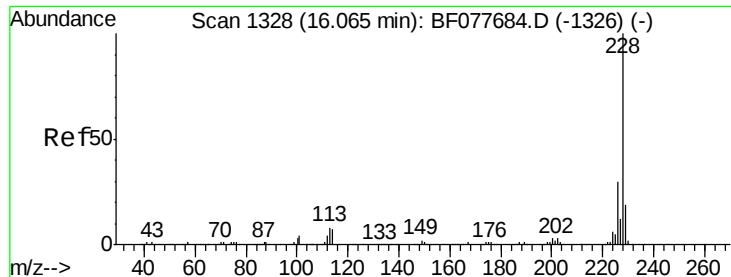


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

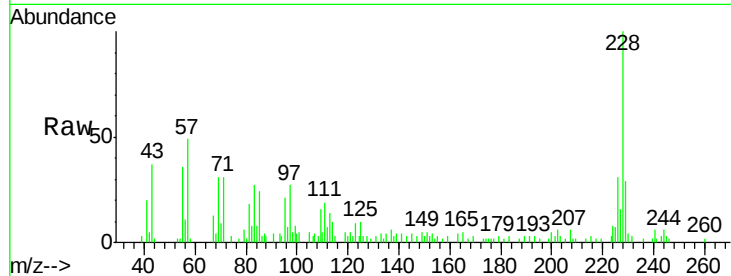




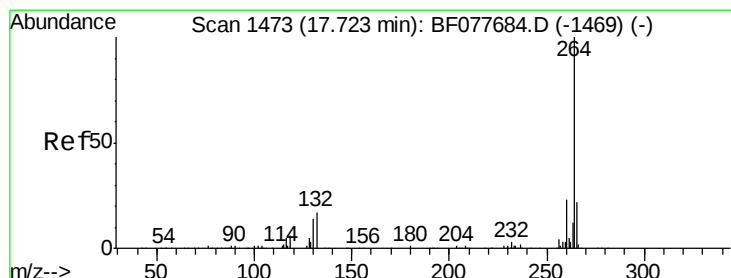
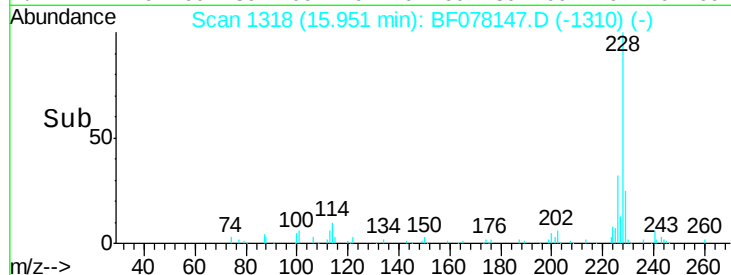
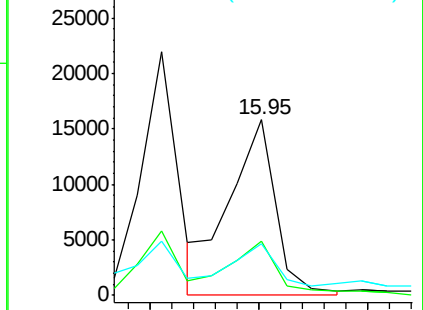
#82
Chrysene
Concen: 2.61 ng/mL
RT: 15.95 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF078147.D
Acq: 1 Apr 2015 8:50

Instrument :
BNA_F
ClientSampleId :
SB2(1-2)

Tot Ion: 228 Resp: 23488
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 29.1 15.5 23.3#

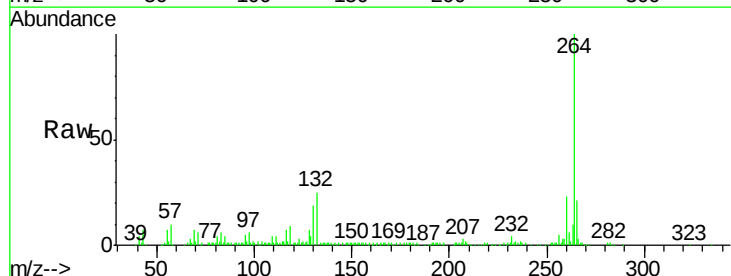


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

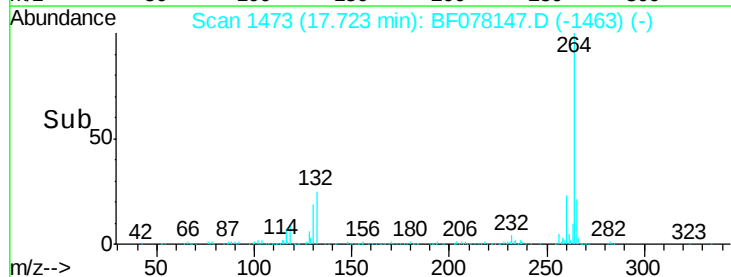
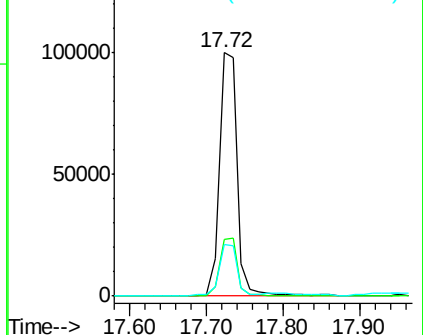


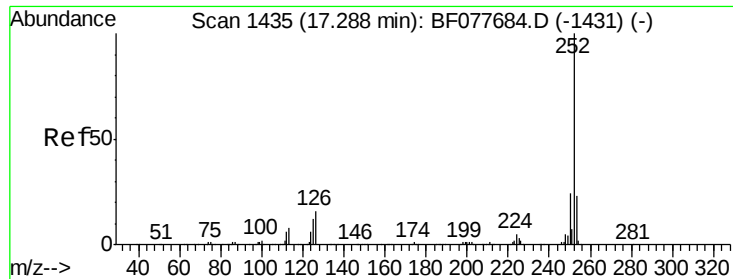
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.72 min Scan# 1473
Delta R.T. -0.18 min
Lab File: BF078147.D
Acq: 1 Apr 2015 8:50

Tgt Ion: 264 Resp: 161816
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.4 17.3 25.9



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

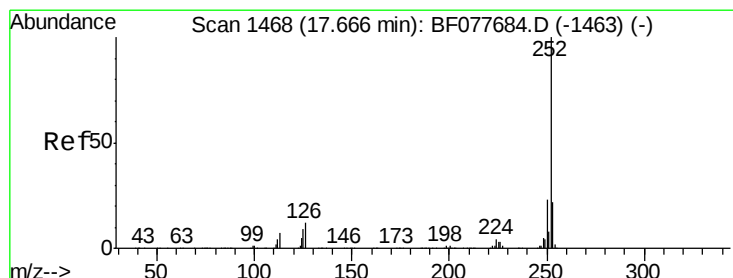
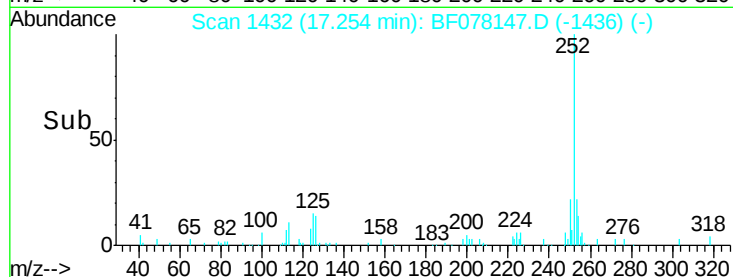
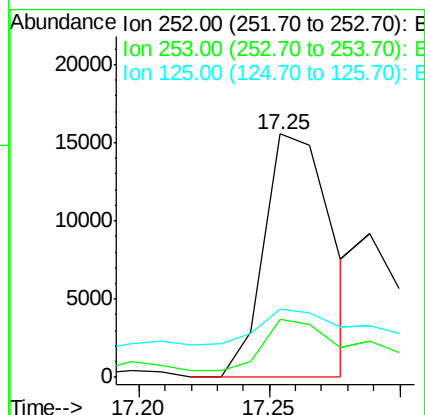
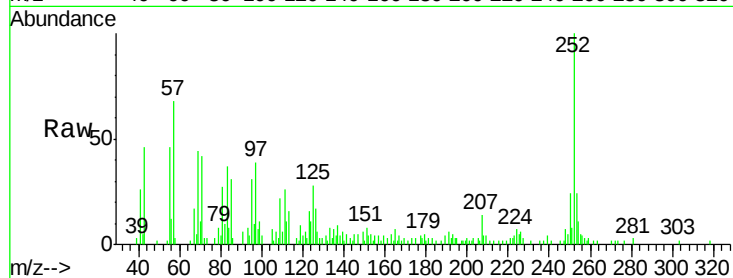




#87
Benzo(b)fluoranthene
Concen: 2.65 ng
RT: 17.25 min Scan# 1432
Delta R.T. -0.15 min
Lab File: BF078147.D
Acq: 1 Apr 2015 8:50

Instrument :
BNA_F
ClientSampleId :
SB2(1-2)

Tot Ion:252 Resp: 27982
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 27.8 9.9 14.9#



#89
Benzo(a)pyrene
Concen: 2.24 ng
RT: 17.65 min Scan# 1467
Delta R.T. -0.17 min
Lab File: BF078147.D
Acq: 1 Apr 2015 8:50

Tgt Ion:252 Resp: 19726
Ion Ratio Lower Upper
252 100
253 24.7 17.6 26.4
125 33.4 7.4 11.2#

