

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
 Data File : BF078348.D
 Acq On : 8 Apr 2015 21:59
 Operator : TP/IZ
 Sample : G1793-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3S

Quant Time: Apr 09 01:09:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 00:49:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	42346	20.00	ng	0.00
21) Naphthalene-d8	8.49	136	171267	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	81841	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	159233	20.00	ng	0.00
75) Chrysene-d12	15.76	240	172998	20.00	ng	-0.01
86) Perylene-d12	17.52	264	166592	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	225499	87.80	ng	0.02
7) Phenol-d6	6.52	99	303505	94.29	ng	0.01
23) Nitrobenzene-d5	7.61	82	168742	59.72	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	73511	108.30	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	343553	60.00	ng	0.00
78) Terphenyl-d14	14.48	244	365584	47.75	ng	0.00

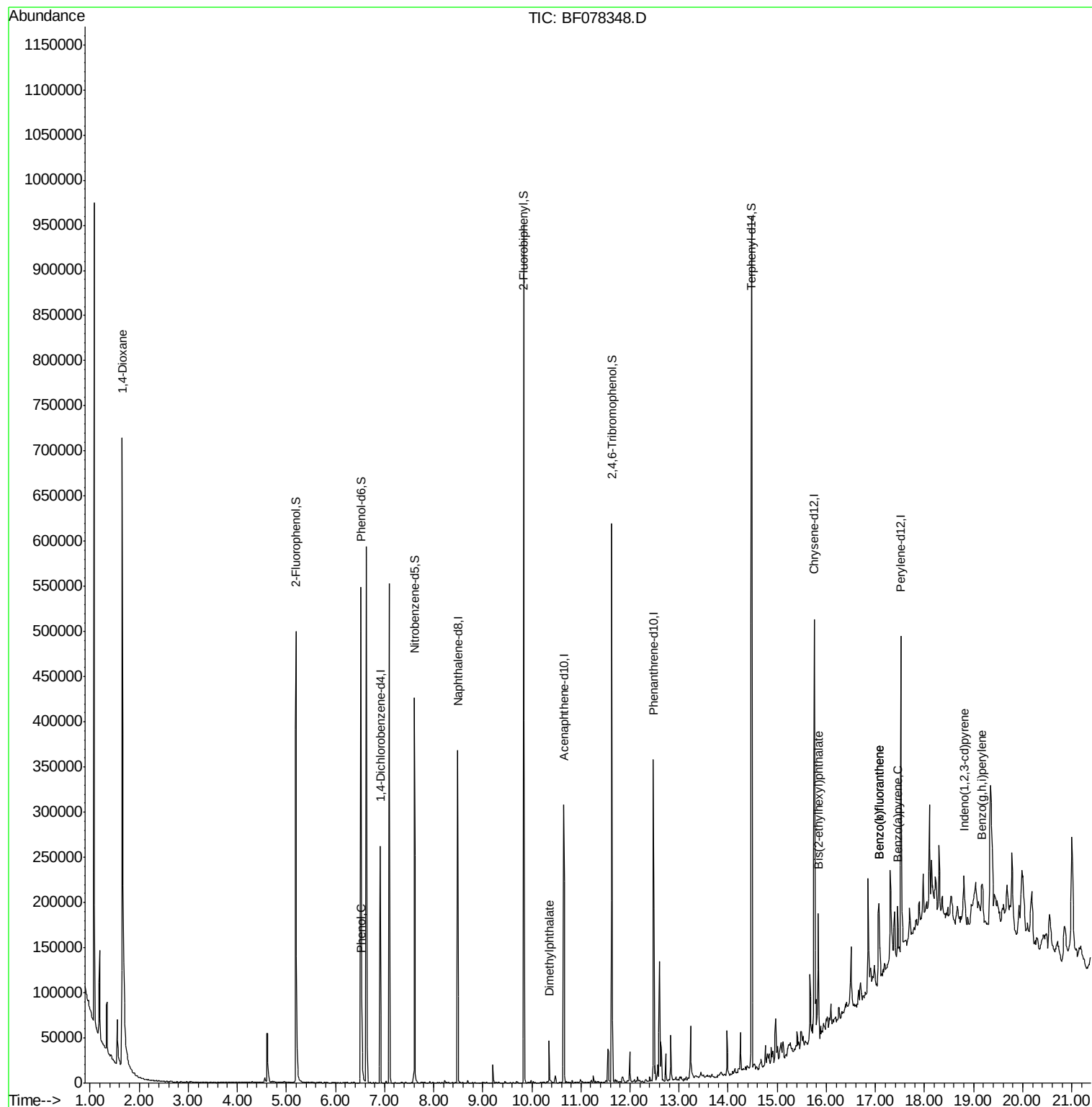
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.65	88	26379	22.71	ng	# 23
10) Phenol	6.53	94	8370	2.17	ng	79
49) Dimethylphthalate	10.35	163	18913	3.08	ng	# 99
83) Bis(2-ethylhexyl)phthalate	15.84	149	46873	7.22	ng	97
85) Indeno(1,2,3-cd)pyrene	18.81	276	24073	2.19	ng	# 80
87) Benzo(b)fluoranthene	17.07	252	58629	5.69	ng	# 91
88) Benzo(k)fluoranthene	17.07	252	60095	6.57	ng	97
89) Benzo(a)pyrene	17.45	252	26303	2.93	ng	# 84
91) Benzo(g,h,i)perylene	19.17	276	24181	2.68	ng	96

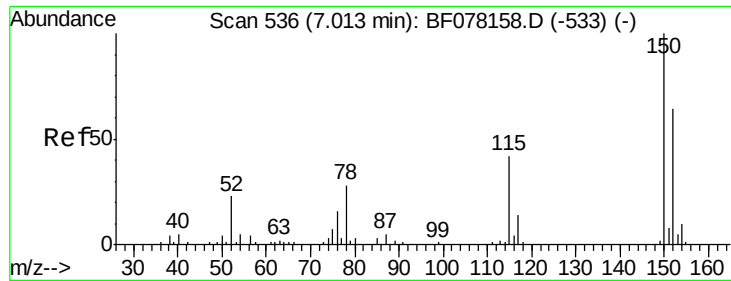
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

Instrument :

BNA_F

ClientSampleId :

SB-3S

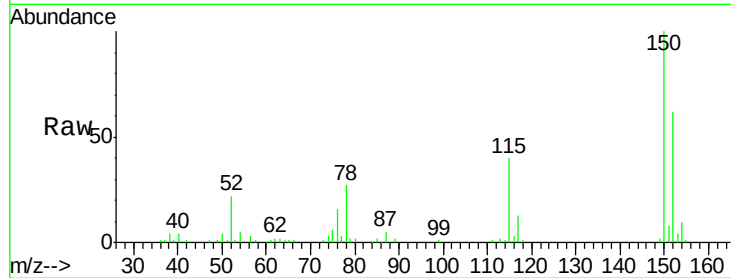
Tgt Ion:152 Resp: 42346

Ion Ratio Lower Upper

152 100

150 160.1 125.9 188.9

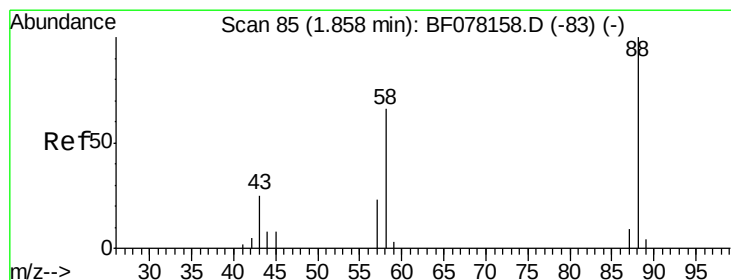
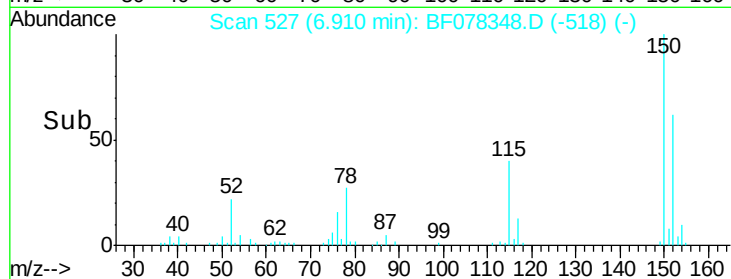
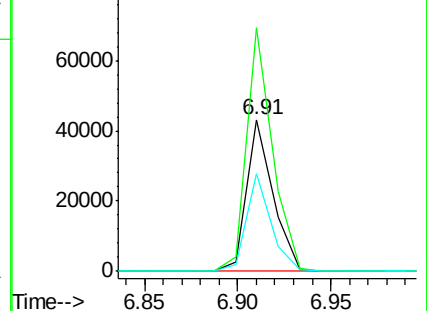
115 64.2 52.7 79.1



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



#2

1,4-Dioxane

Concen: 22.71 ng

RT: 1.65 min Scan# 67

Delta R.T. -0.07 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

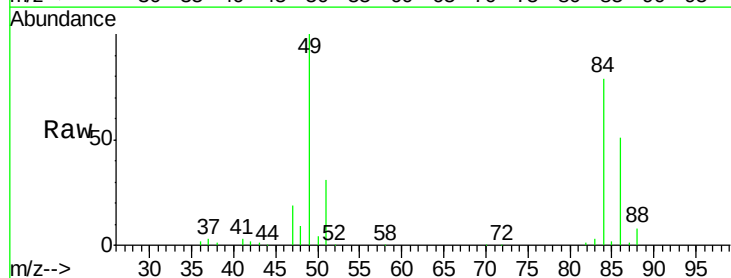
Tgt Ion: 88 Resp: 26379

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

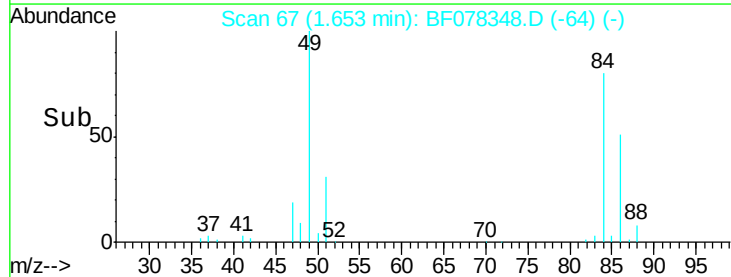
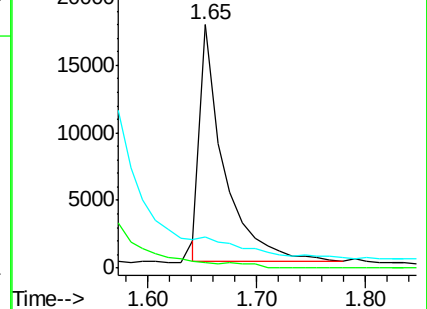
43 0.0 21.4 32.2#

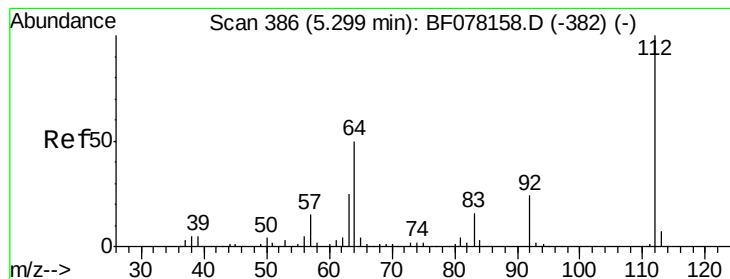


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 87.80 ng

RT: 5.20 min Scan# 377

Delta R.T. 0.02 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

Instrument :

BNA_F

ClientSampled :

SB-3S

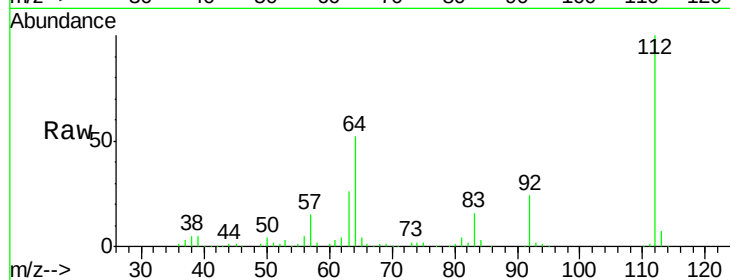
Tgt Ion: 112 Resp: 225499

Ion Ratio Lower Upper

112 100

64 52.2 39.9 59.9

63 26.4 20.2 30.4



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

200000

150000

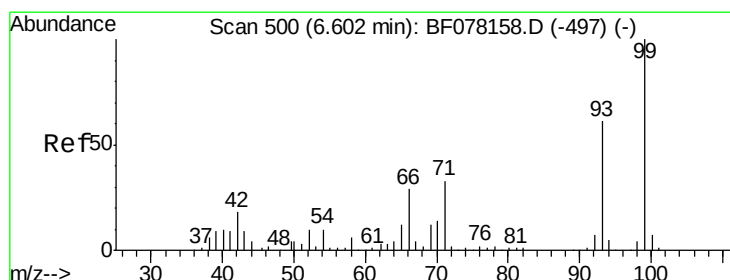
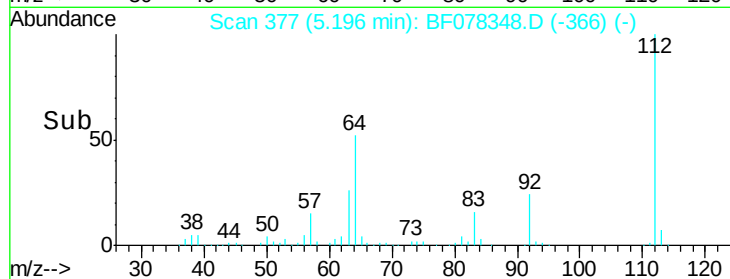
100000

50000

0

5.15 5.20 5.25

Time-->



#7

Phenol-d6

Concen: 94.29 ng

RT: 6.52 min Scan# 493

Delta R.T. 0.01 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

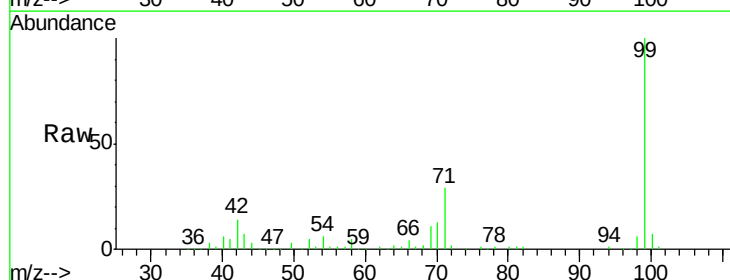
Tgt Ion: 99 Resp: 303505

Ion Ratio Lower Upper

99 100

42 14.2 14.8 22.2#

71 28.6 26.6 39.8



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

300000

250000

200000

150000

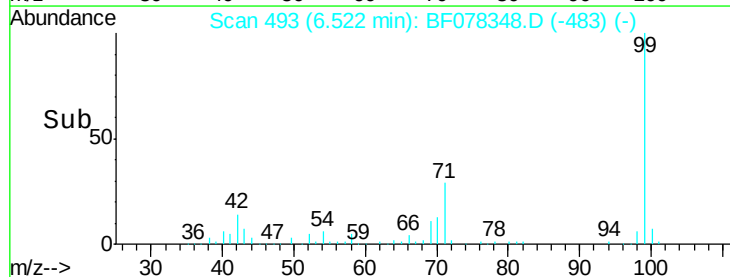
100000

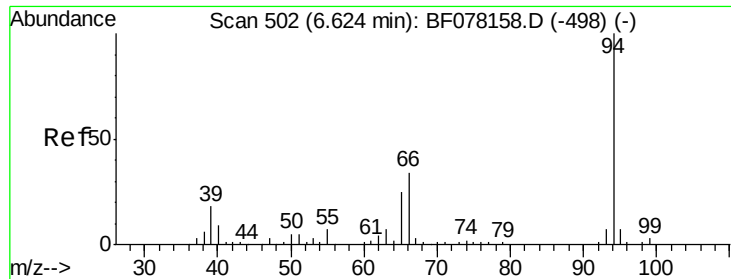
50000

0

6.45 6.50 6.55 6.60

Time-->

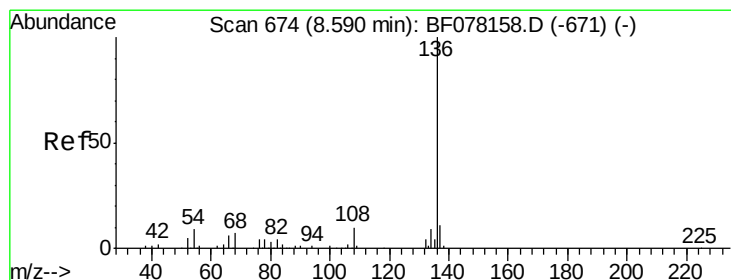
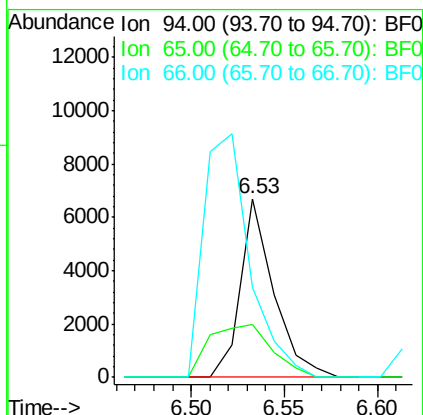
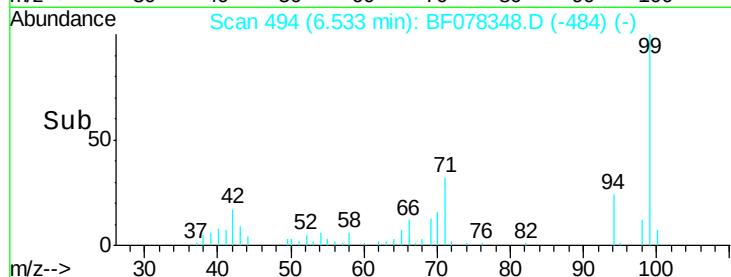
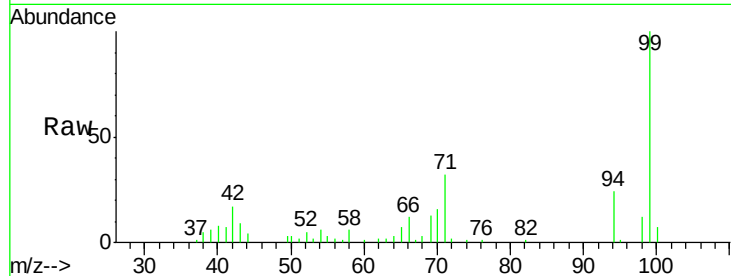




#10
Phenol
Concen: 2.17 ng
RT: 6.53 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF078348.D
Acq: 8 Apr 2015 21:59

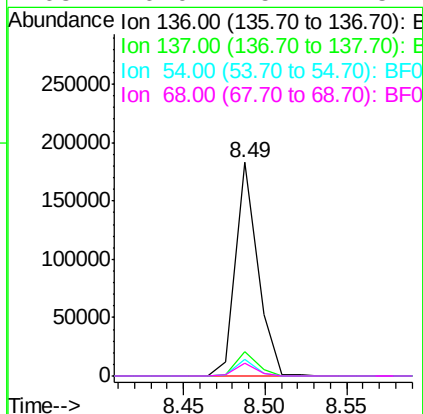
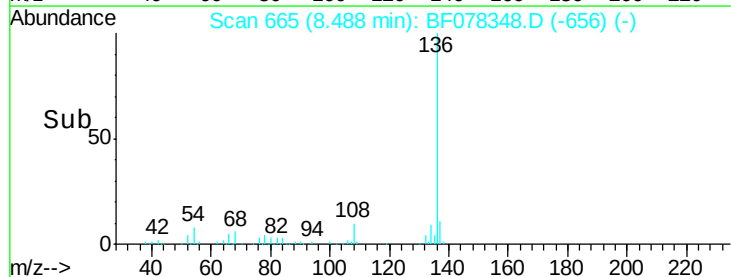
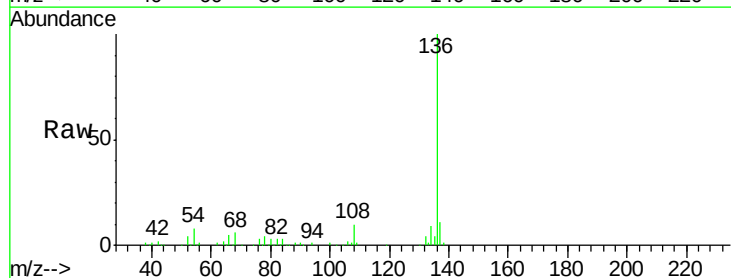
Instrument :
BNA_F
ClientSampleId :
SB-3S

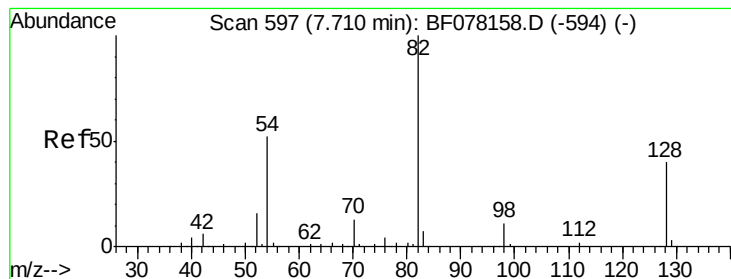
Tgt Ion: 94 Resp: 8370
Ion Ratio Lower Upper
94 100
65 29.5 4.9 44.9
66 50.5 13.8 53.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.49 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF078348.D
Acq: 8 Apr 2015 21:59

Tgt Ion: 136 Resp: 171267
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.7 7.0 10.6
68 6.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 59.72 ng

RT: 7.61 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

Instrument :

BNA_F

ClientSampleId :

SB-3S

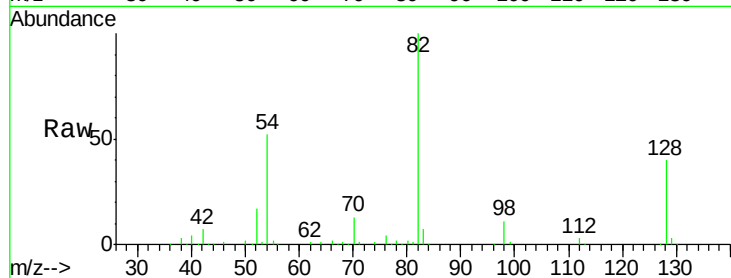
Tgt Ion: 82 Resp: 168742

Ion Ratio Lower Upper

82 100

128 40.4 31.8 47.8

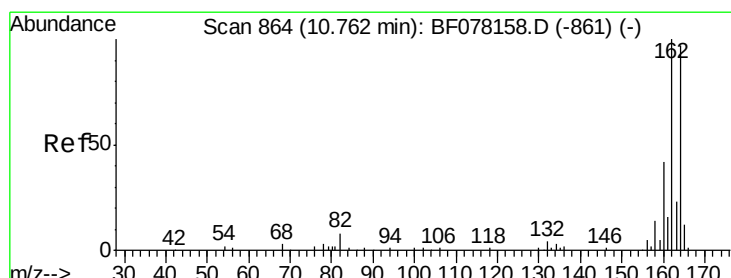
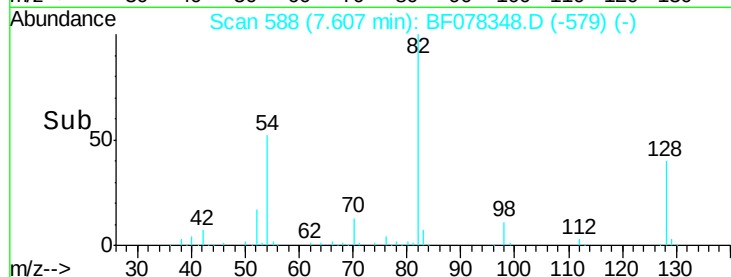
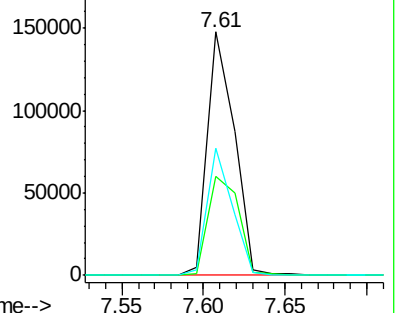
54 52.3 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078158.D (-594) (-)

Ion 128.00 (127.70 to 128.70): BF078158.D (-594) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-594) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.65 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

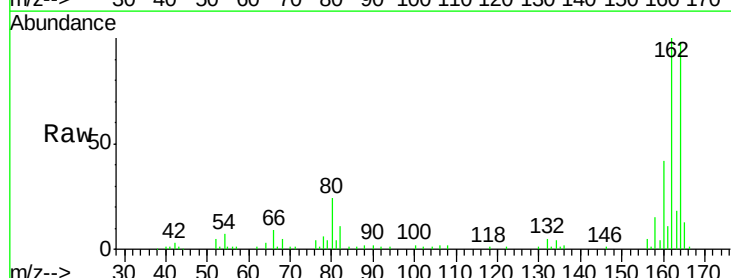
Tgt Ion: 164 Resp: 81841

Ion Ratio Lower Upper

164 100

162 102.6 82.2 123.2

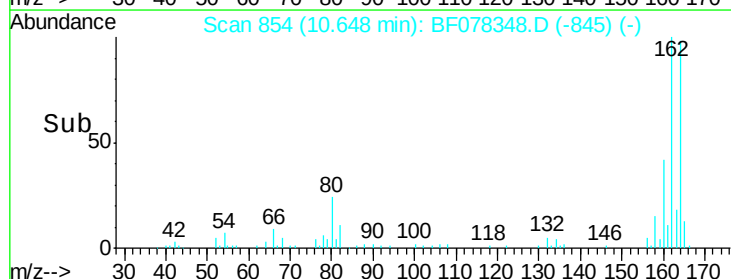
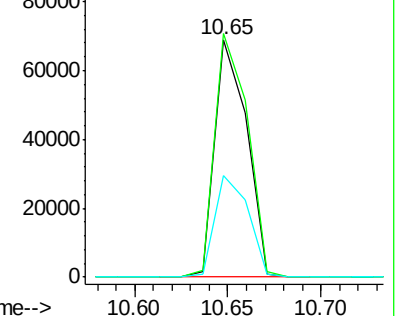
160 43.0 34.7 52.1

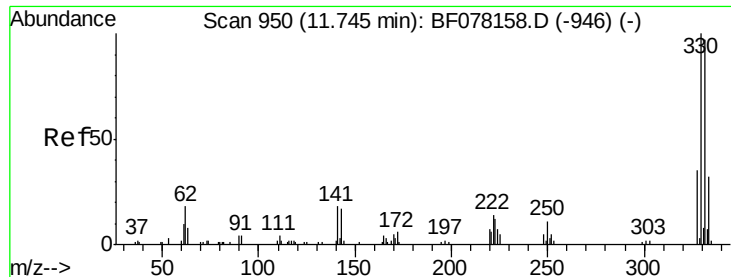


Abundance Ion 164.00 (163.70 to 164.70): BF078158.D (-861) (-)

Ion 162.00 (161.70 to 162.70): BF078158.D (-861) (-)

Ion 160.00 (159.70 to 160.70): BF078158.D (-861) (-)

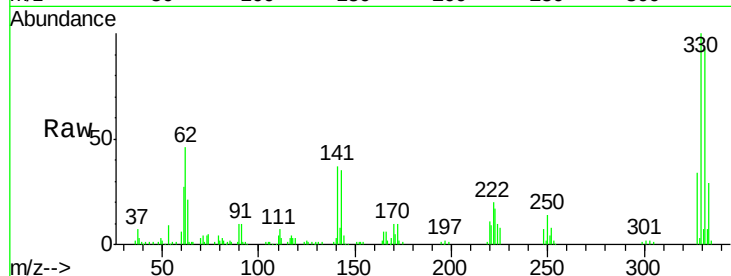




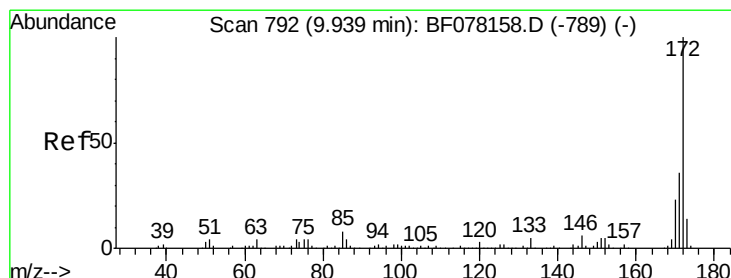
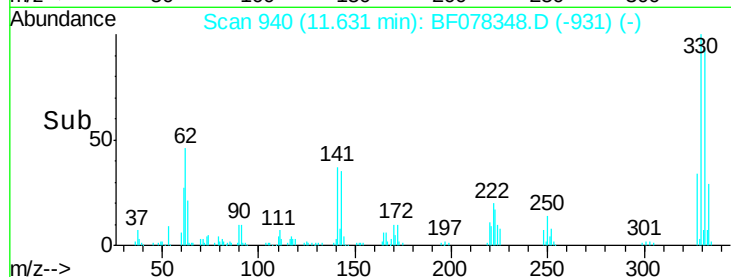
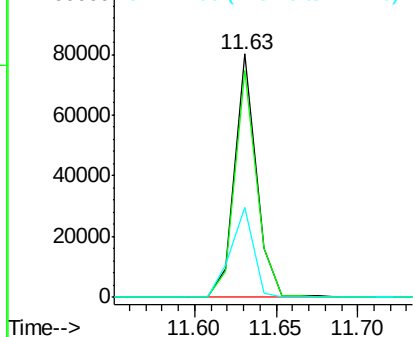
#41
 2,4,6-Tribromophenol
 Concen: 108.30 ng
 RT: 11.63 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF078348.D
 Acq: 8 Apr 2015 21:59

Instrument :
 BNA_F
 ClientSampled :
 SB-3S

Tgt Ion:330 Resp: 73511
 Ion Ratio Lower Upper
 330 100
 332 93.9 78.6 117.8
 141 38.9 31.2 46.8

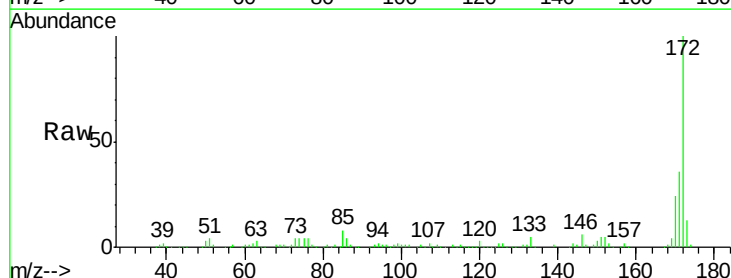


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

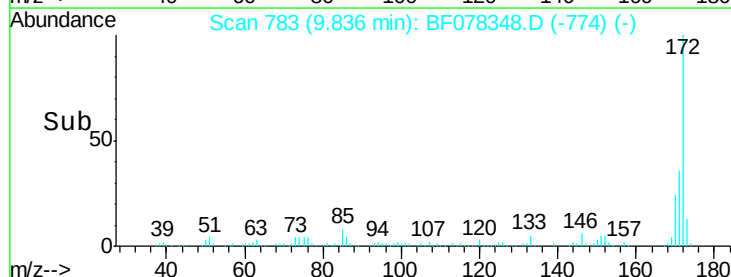
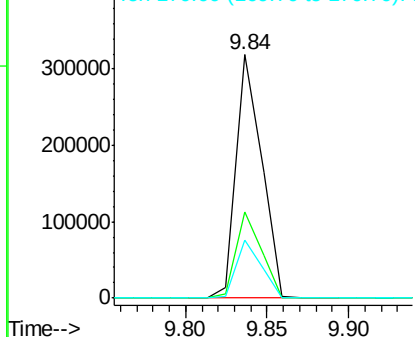


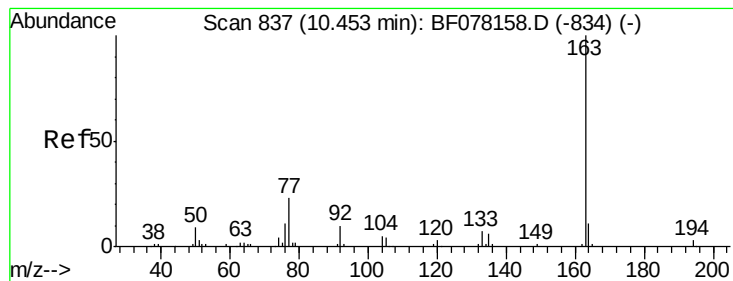
#44
 2-Fluorobiphenyl
 Concen: 60.00 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF078348.D
 Acq: 8 Apr 2015 21:59

Tgt Ion:172 Resp: 343553
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.9 18.5 27.7



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: 3.08 ng

RT: 10.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

Instrument :

BNA_F

ClientSampleId :

SB-3S

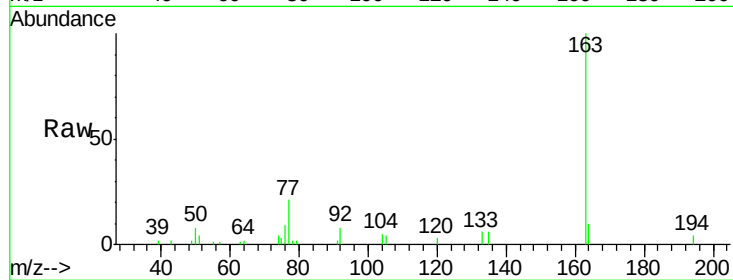
Tgt Ion:163 Resp: 18913

Ion Ratio Lower Upper

163 100

194 3.6 2.3 3.5#

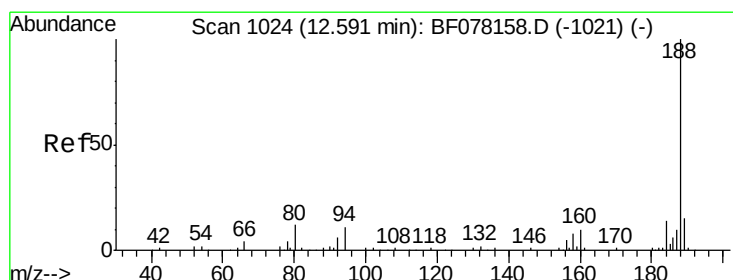
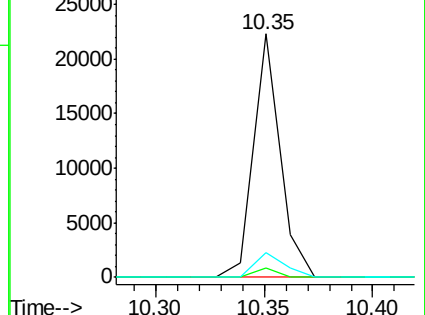
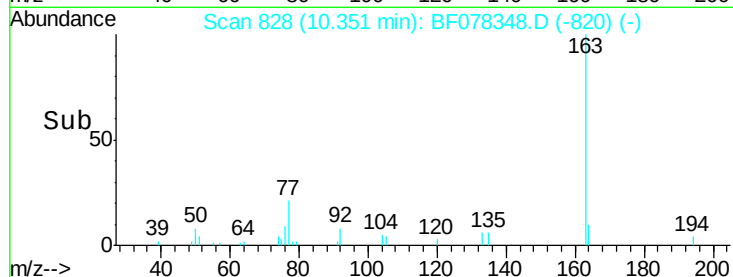
164 10.4 8.6 13.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.48 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

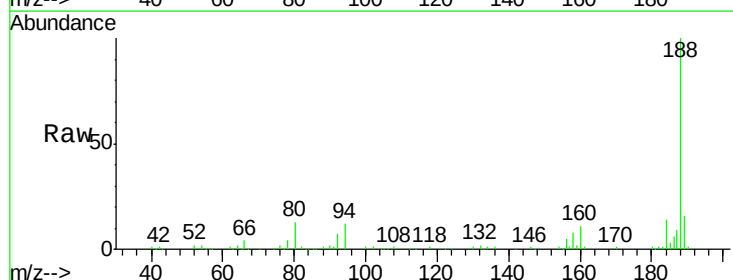
Tgt Ion:188 Resp: 159233

Ion Ratio Lower Upper

188 100

94 11.6 9.0 13.4

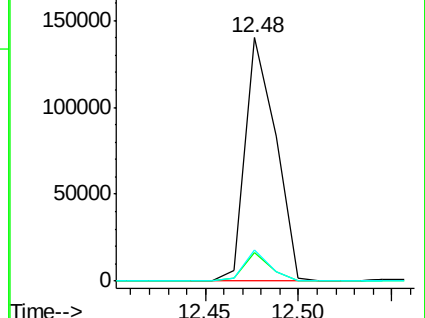
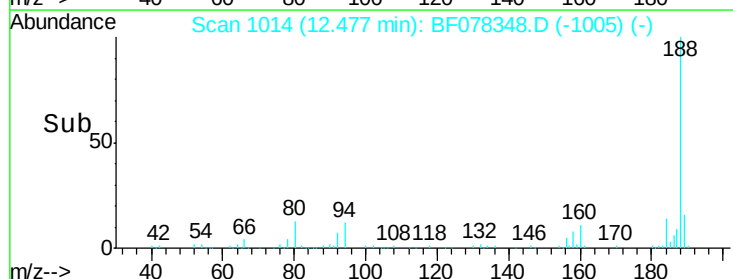
80 12.9 9.5 14.3

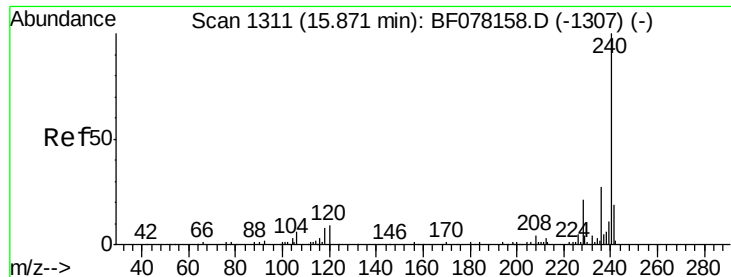


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.76 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF078348.D

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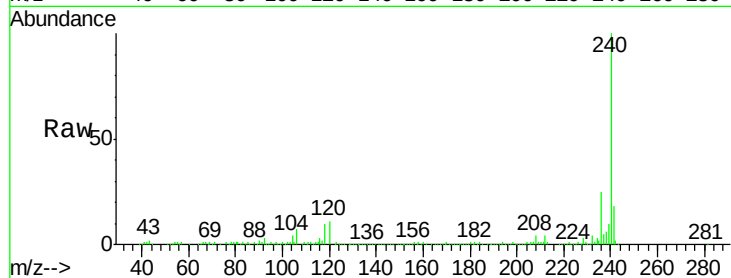
Tgt Ion:240 Resp: 172998

Ion Ratio Lower Upper

240 100

120 11.1 7.1 10.7#

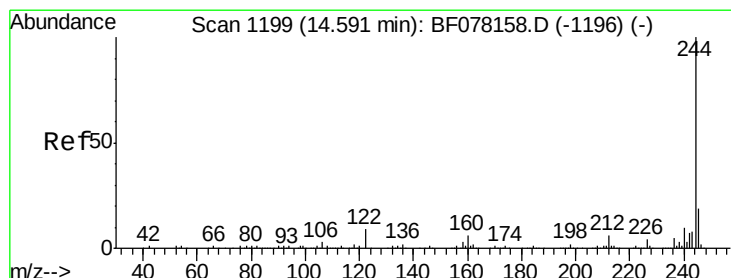
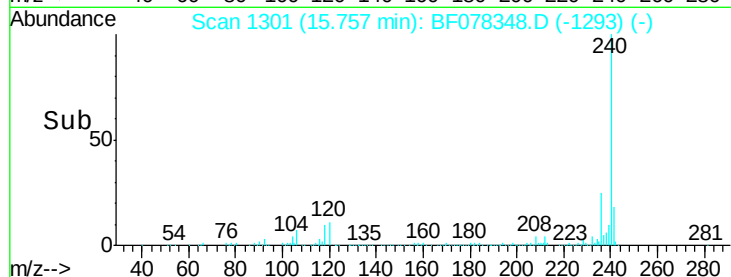
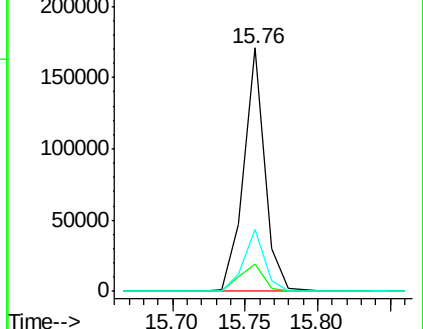
236 25.4 21.4 32.2



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



#78

Terphenyl-d14

Concen: 47.75 ng

RT: 14.48 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

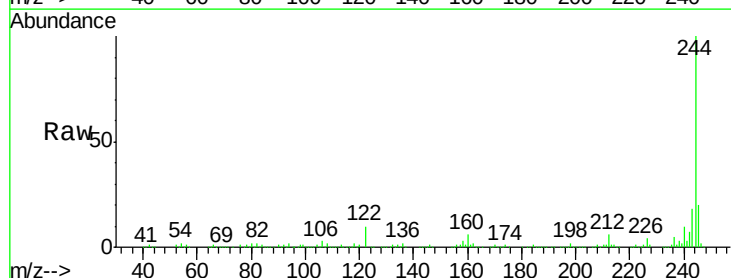
Tgt Ion:244 Resp: 365584

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

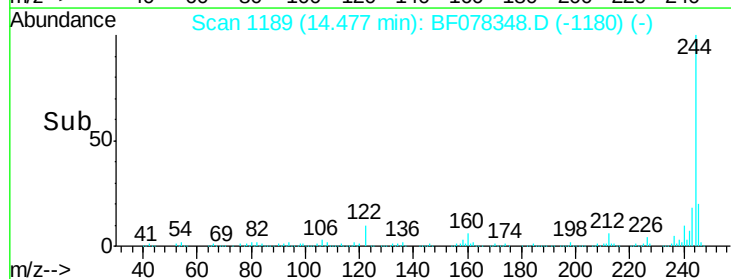
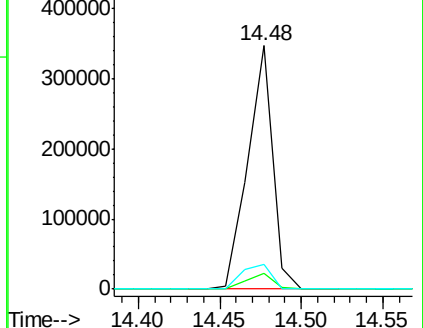
122 9.9 7.1 10.7

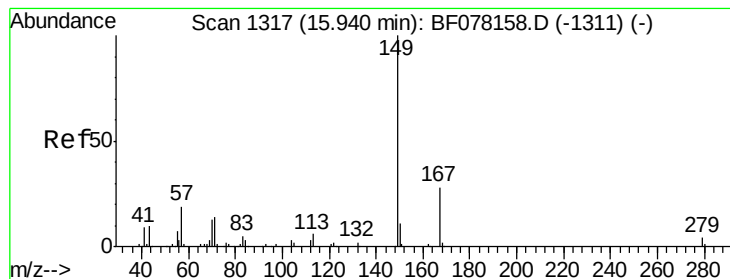


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.22 ng

RT: 15.84 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

Instrument :

BNA_F

ClientSampleId :

SB-3S

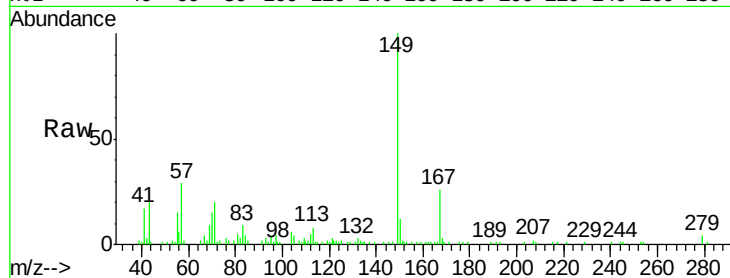
Tgt Ion:149 Resp: 46873

Ion Ratio Lower Upper

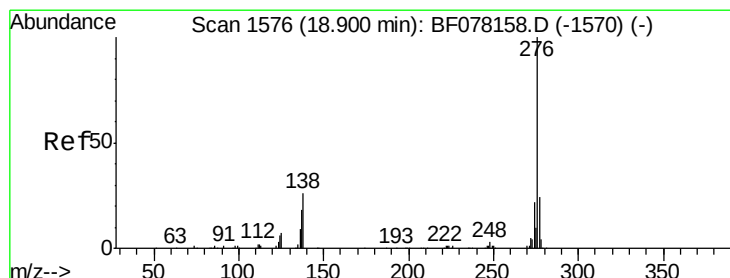
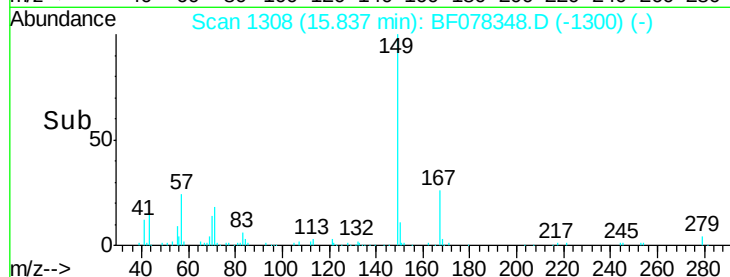
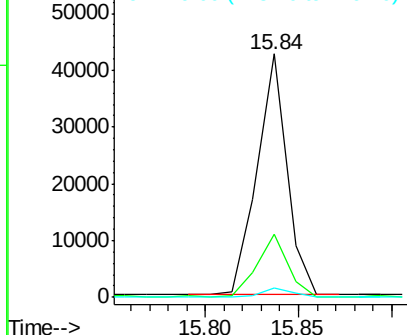
149 100

167 26.0 22.2 33.2

279 3.7 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.19 ng

RT: 18.81 min Scan# 1568

Delta R.T. -0.08 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

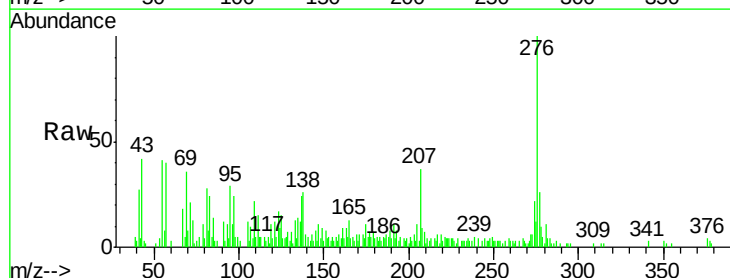
Tgt Ion:276 Resp: 24073

Ion Ratio Lower Upper

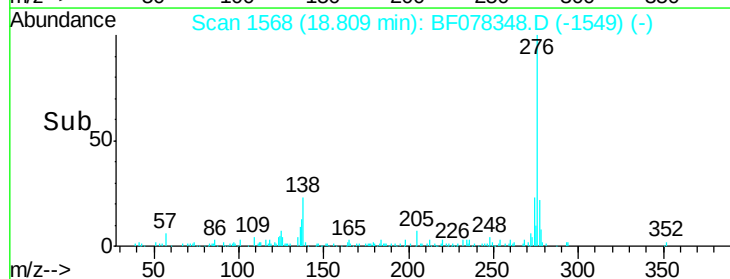
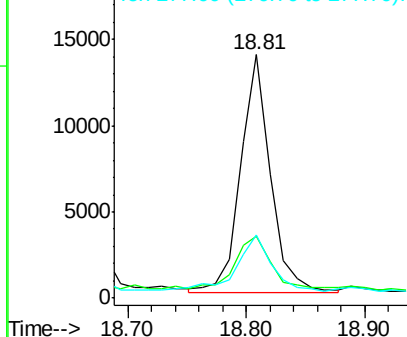
276 100

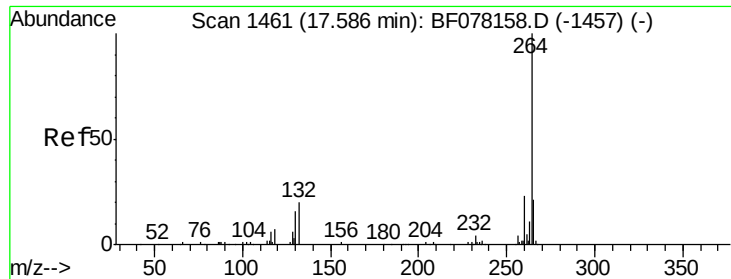
138 29.4 16.9 25.3#

277 29.7 15.8 23.6#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.52 min Scan# 1455

Delta R.T. -0.06 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

Instrument :

BNA_F

ClientSampleId :

SB-3S

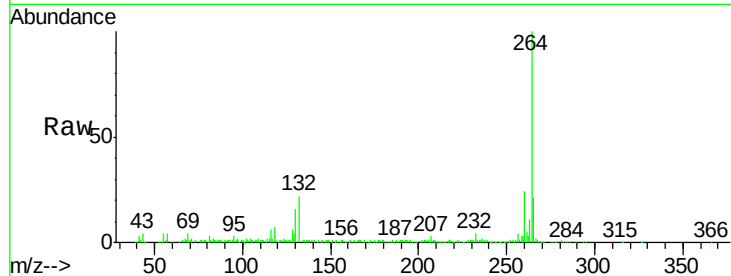
Tgt Ion:264 Resp: 166592

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

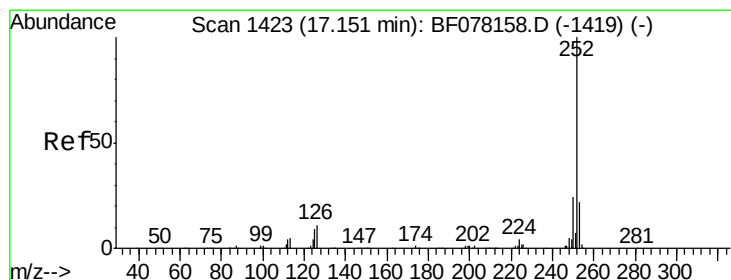
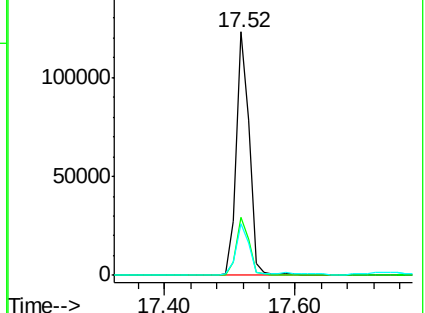
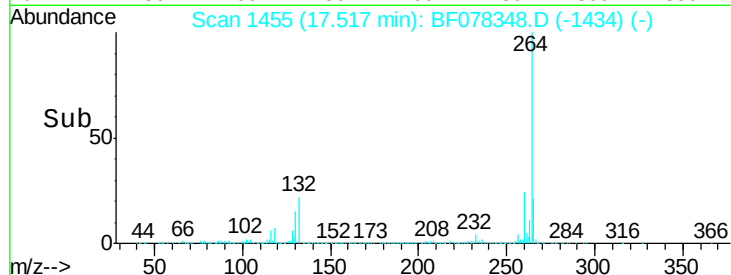
265 21.4 17.0 25.6



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: 5.69 ng

RT: 17.07 min Scan# 1416

Delta R.T. -0.03 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

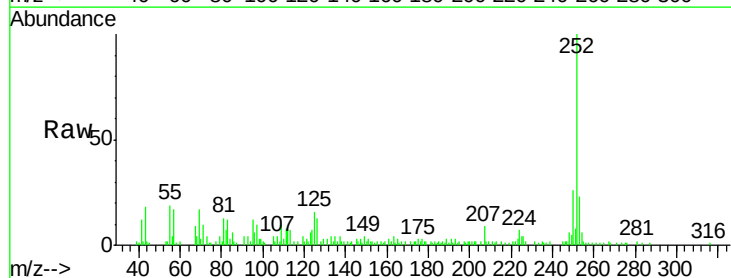
Tgt Ion:252 Resp: 58629

Ion Ratio Lower Upper

252 100

253 23.4 17.2 25.8

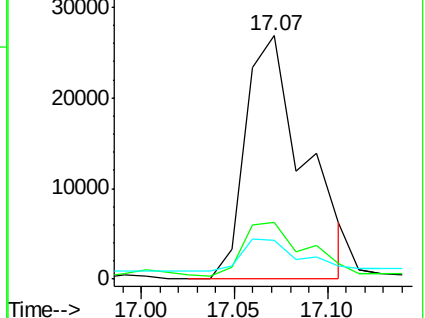
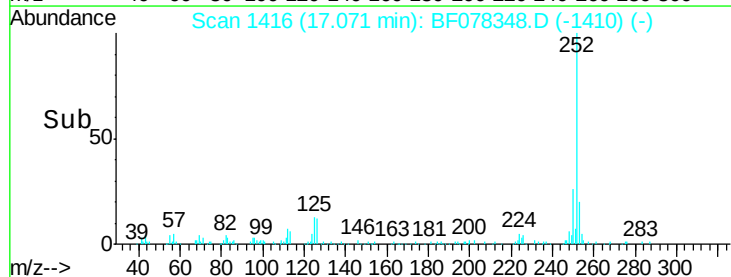
125 15.9 7.0 10.4#

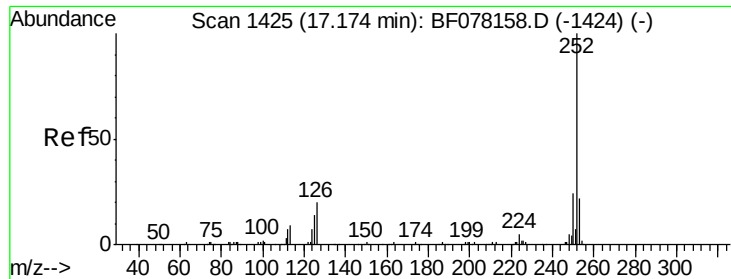


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

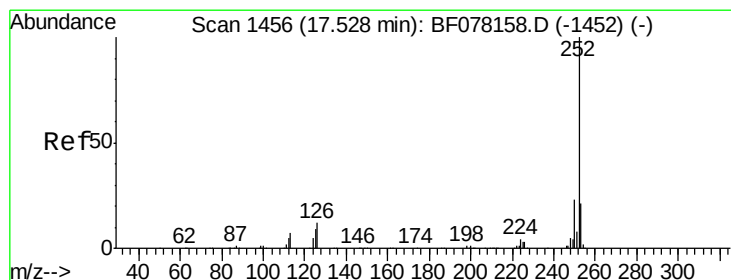
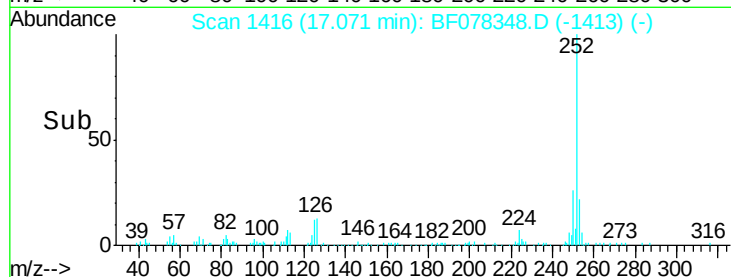
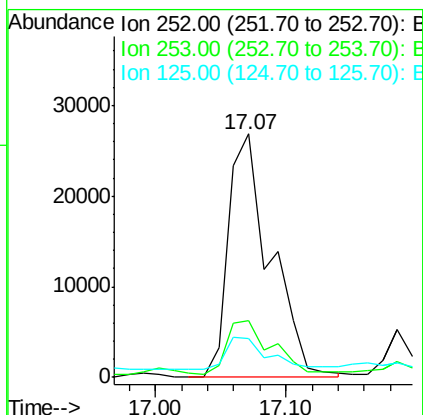
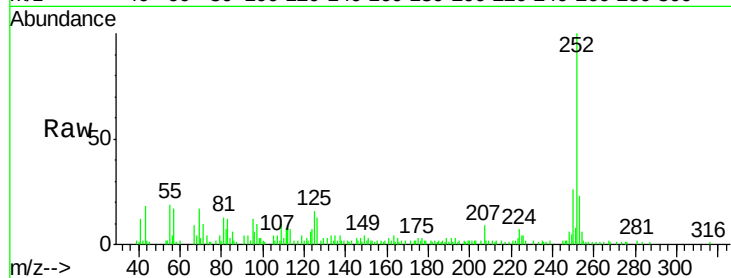




#88
Benzo(k)fluoranthene
Concen: 6.57 ng
RT: 17.07 min Scan# 1416
Delta R.T. -0.07 min
Lab File: BF078348.D
Acq: 8 Apr 2015 21:59

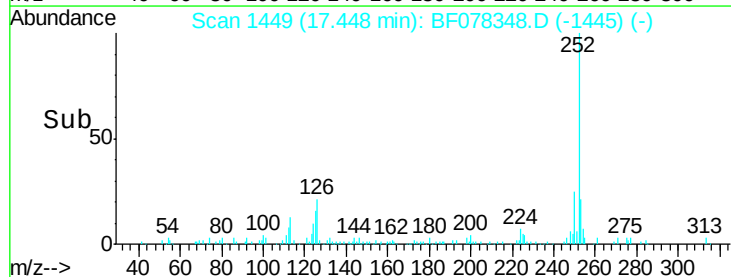
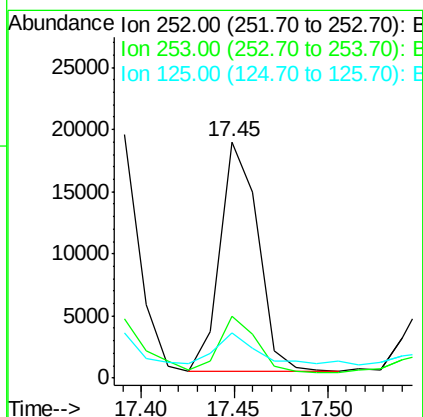
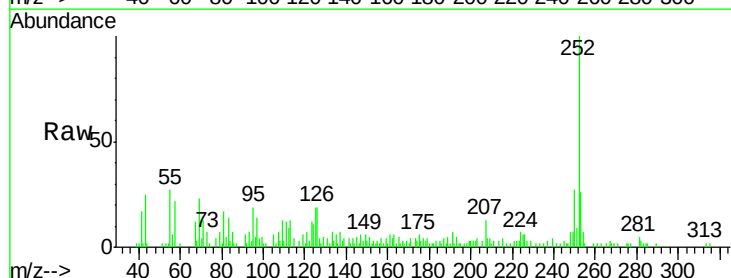
Instrument :
BNA_F
ClientSampleId :
SB-3S

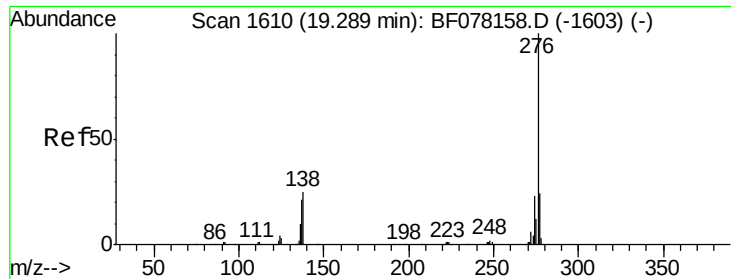
Tgt Ion:252 Resp: 60095
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 15.9 11.6 17.4



#89
Benzo(a)pyrene
Concen: 2.93 ng
RT: 17.45 min Scan# 1449
Delta R.T. -0.06 min
Lab File: BF078348.D
Acq: 8 Apr 2015 21:59

Tgt Ion:252 Resp: 26303
Ion Ratio Lower Upper
252 100
253 26.2 16.8 25.2#
125 19.2 7.4 11.0#





#91

Benzo(g,h,i)perylene

Concen: 2.68 ng

RT: 19.17 min Scan# 1600

Delta R.T. -0.08 min

Lab File: BF078348.D

Acq: 8 Apr 2015 21:59

Instrument :

BNA_F

ClientSampleId :

SB-3S

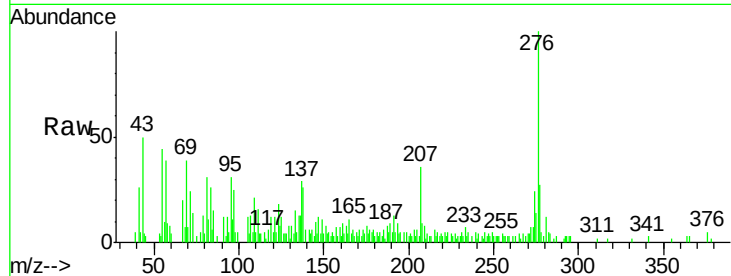
Tgt Ion: 276 Resp: 24181

Ion Ratio Lower Upper

276 100

277 27.2 19.0 28.4

138 25.6 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

