

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
 Data File : BF078346.D
 Acq On : 8 Apr 2015 21:02
 Operator : TP/IZ
 Sample : G1793-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6S

Quant Time: Apr 09 01:08:59 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	43573	20.00	ng	0.00
21) Naphthalene-d8	8.49	136	176160	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	85703	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	161813	20.00	ng	0.00
75) Chrysene-d12	15.75	240	170725	20.00	ng	-0.02
86) Perylene-d12	17.49	264	166680	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	214063	81.00	ng	0.01
7) Phenol-d6	6.51	99	280797	84.78	ng	0.00
23) Nitrobenzene-d5	7.61	82	158779	54.63	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	66944	94.18	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	320048	53.38	ng	0.00
78) Terphenyl-d14	14.47	244	338490	44.80	ng	-0.01

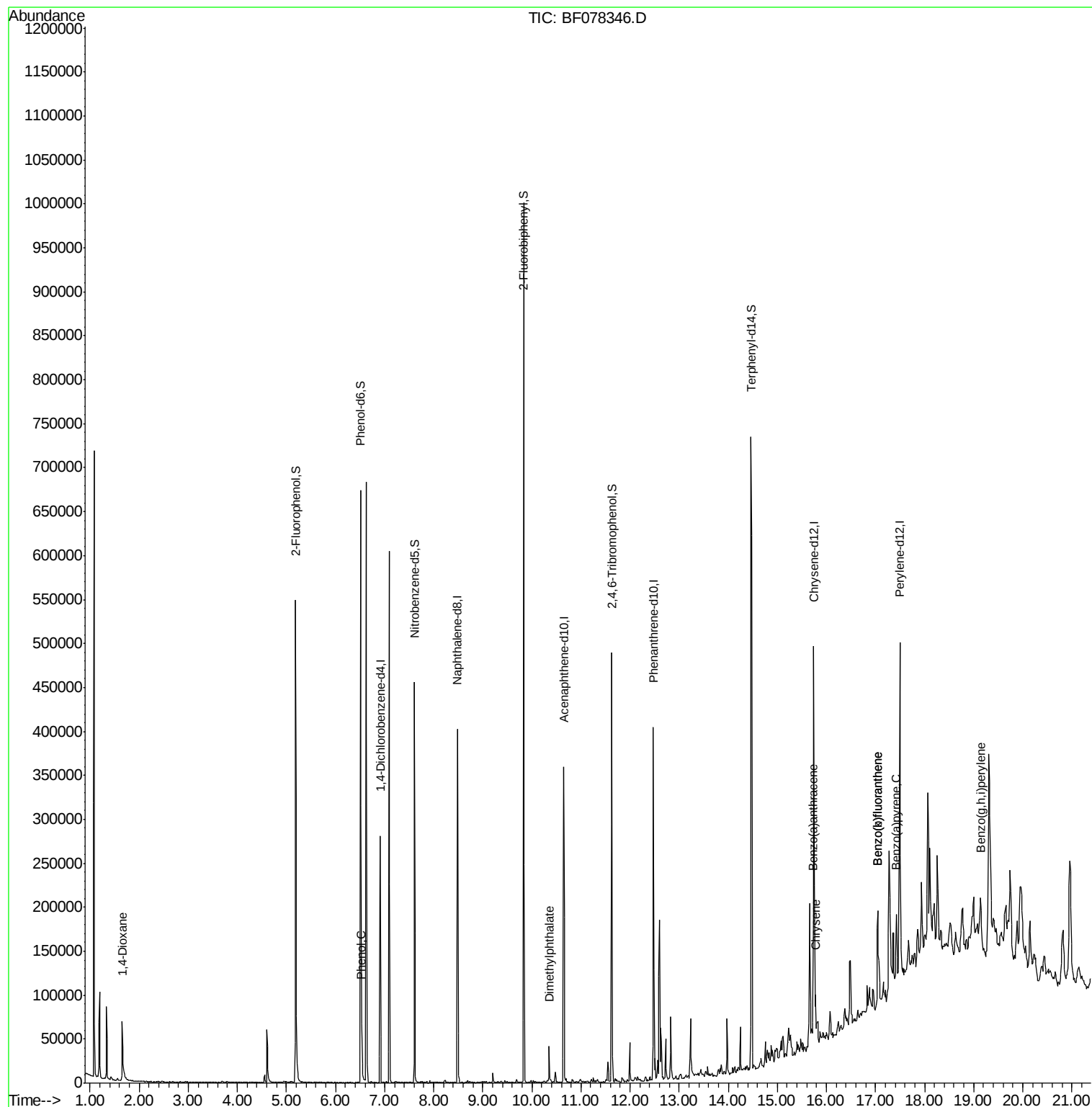
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.65	88	2617	2.19	ng	# 23
10) Phenol	6.53	94	9316	2.35	ng	87
49) Dimethylphthalate	10.35	163	16408	2.55	ng	# 99
80) Benzo(a)anthracene	15.73	228	26593	2.62	ng	# 87
82) Chrysene	15.78	228	24053	2.52	ng	# 95
87) Benzo(b)fluoranthene	17.05	252	70876	6.88	ng	# 95
88) Benzo(k)fluoranthene	17.05	252	72490	7.92	ng	97
89) Benzo(a)pyrene	17.43	252	32949	3.66	ng	# 92
91) Benzo(g,h,i)perylene	19.14	276	28629	3.17	ng	98

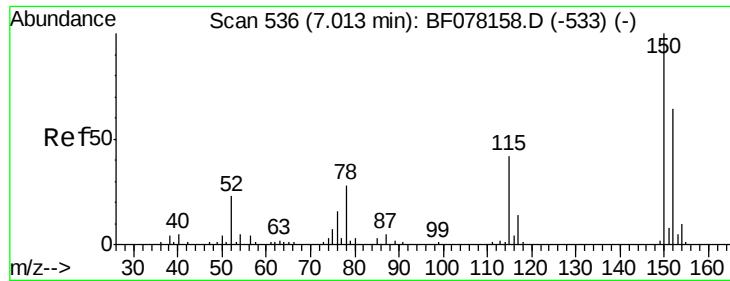
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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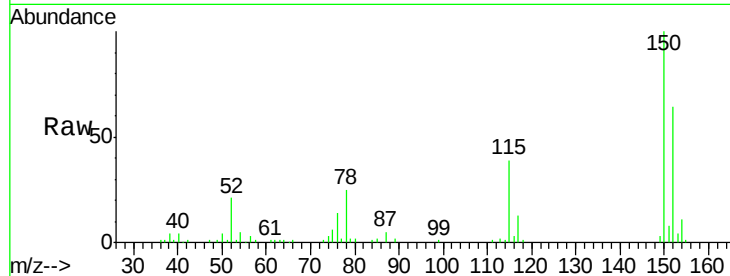




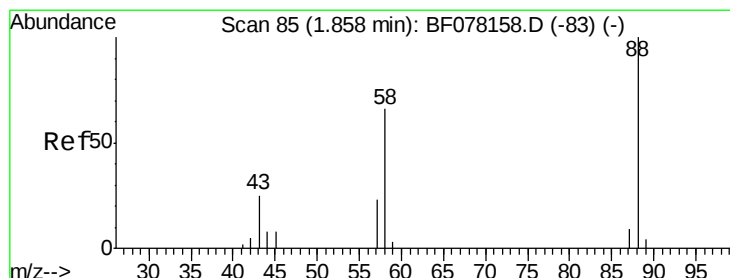
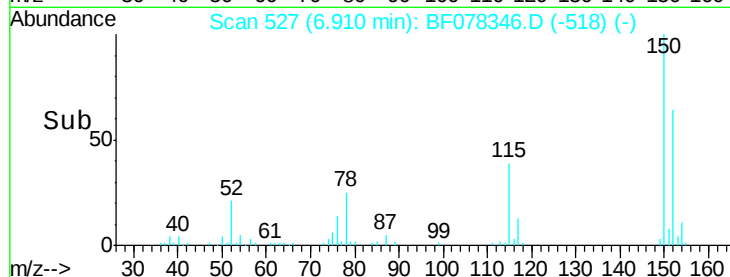
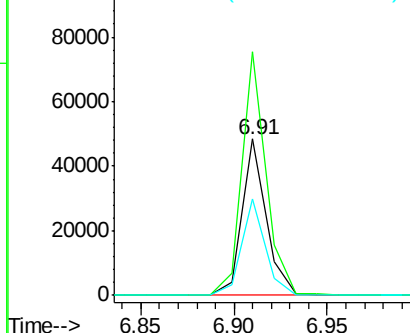
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF078346.D
 Acq: 8 Apr 2015 21:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-6S

Tgt Ion:152 Resp: 43573
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.9 188.9
 115 61.4 52.7 79.1

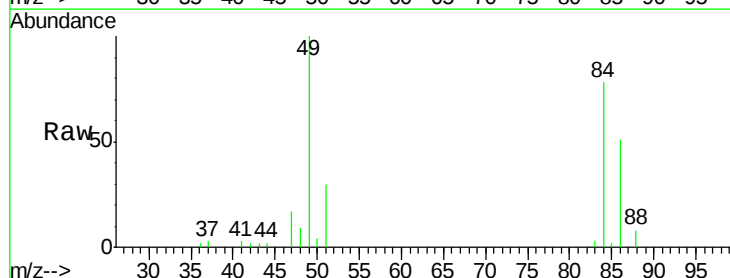


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

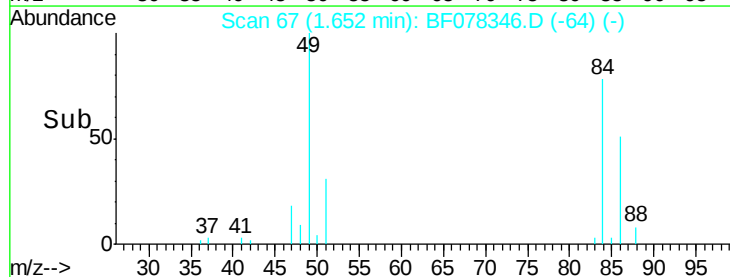
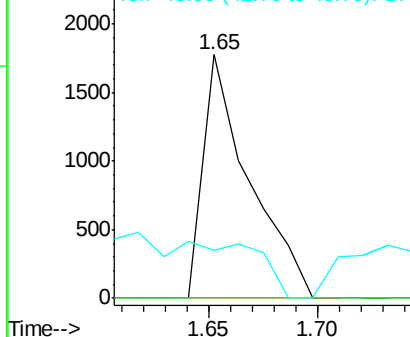


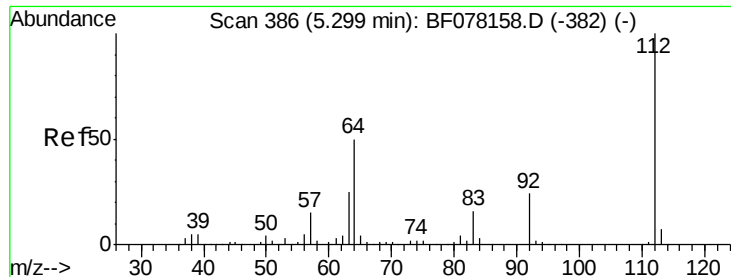
#2
 1,4-Dioxane
 Concen: 2.19 ng
 RT: 1.65 min Scan# 67
 Delta R.T. -0.07 min
 Lab File: BF078346.D
 Acq: 8 Apr 2015 21:02

Tgt Ion: 88 Resp: 2617
 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: 81.00 ng

RT: 5.18 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

Instrument :

BNA_F

ClientSampleId :

SB-6S

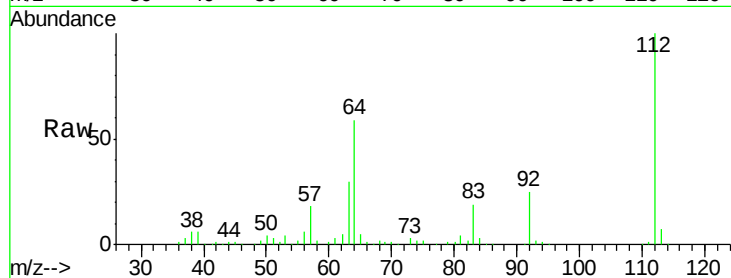
Tgt Ion: 112 Resp: 214063

Ion Ratio Lower Upper

112 100

64 59.3 39.9 59.9

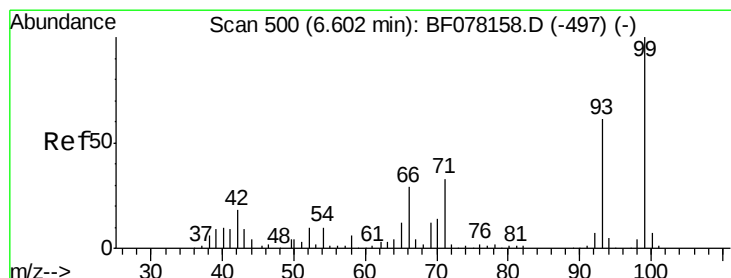
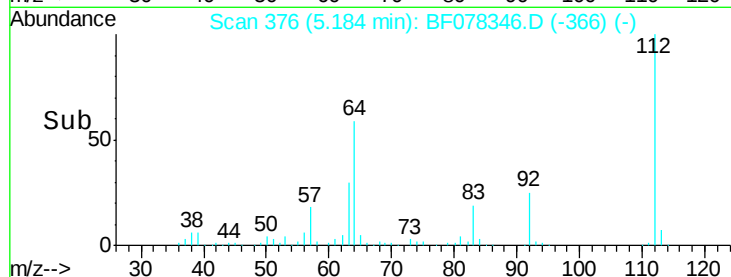
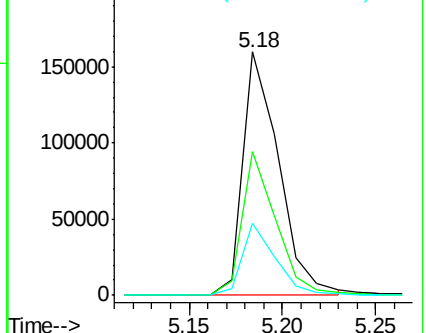
63 29.6 20.2 30.4



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



#7

Phenol-d6

Concen: 84.78 ng

RT: 6.51 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

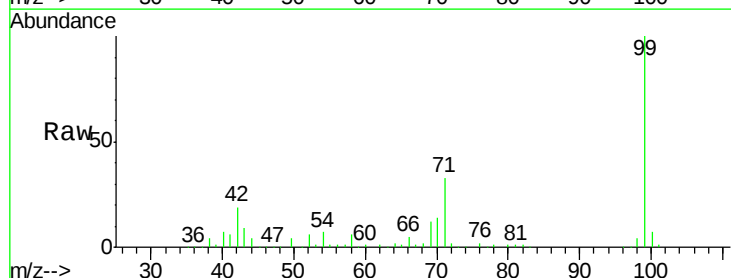
Tgt Ion: 99 Resp: 280797

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

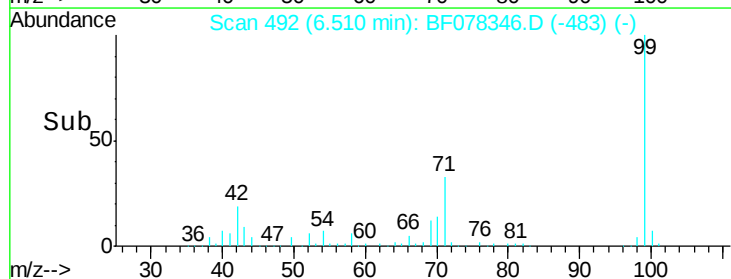
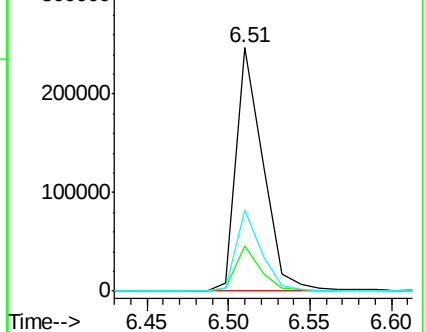
71 33.4 26.6 39.8

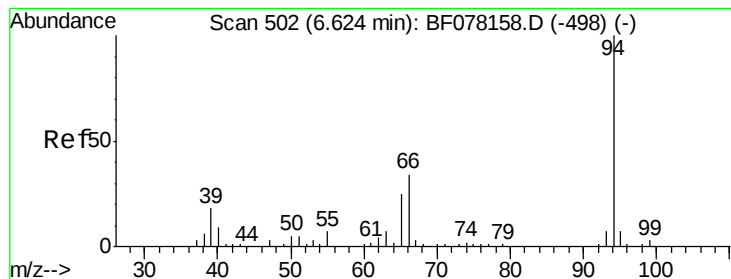


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.35 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

Instrument :

BNA_F

ClientSampleId :

SB-6S

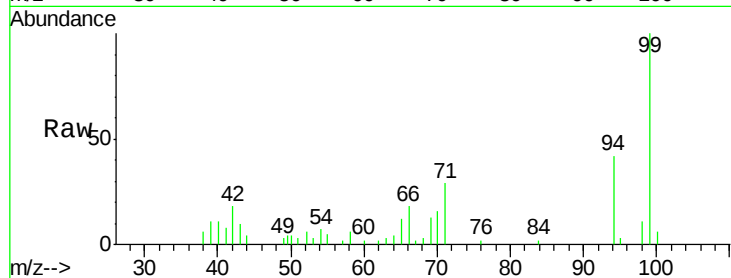
Tgt Ion: 94 Resp: 9316

Ion Ratio Lower Upper

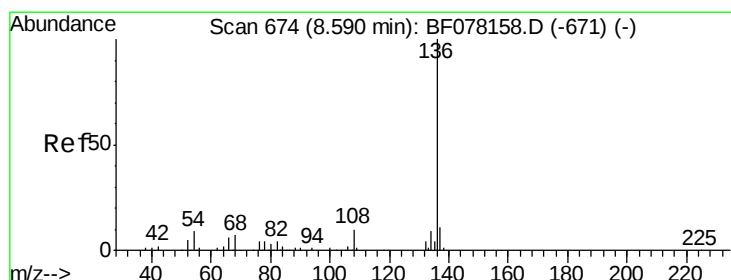
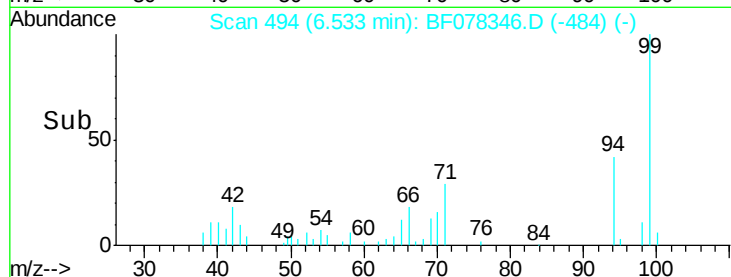
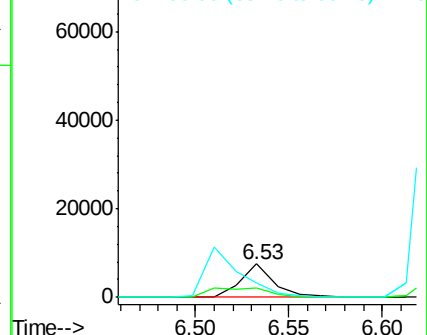
94 100

65 28.4 4.9 44.9

66 43.5 13.8 53.8



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: 8.49 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

Tgt Ion: 136 Resp: 176160

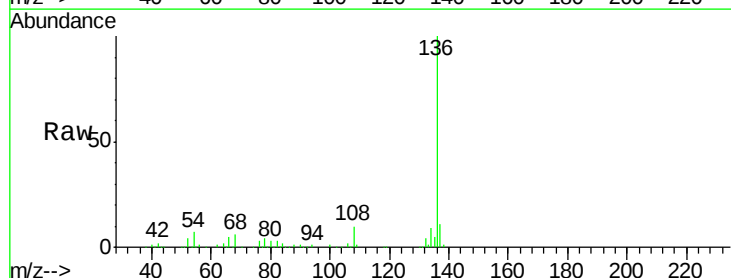
Ion Ratio Lower Upper

136 100

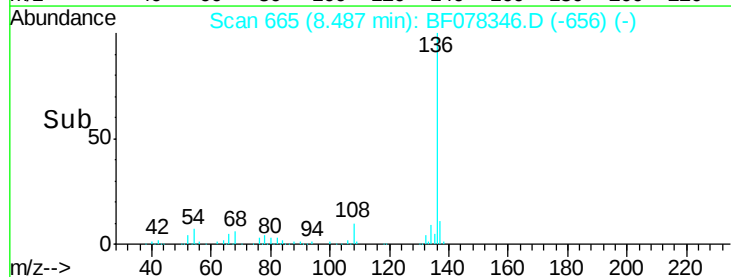
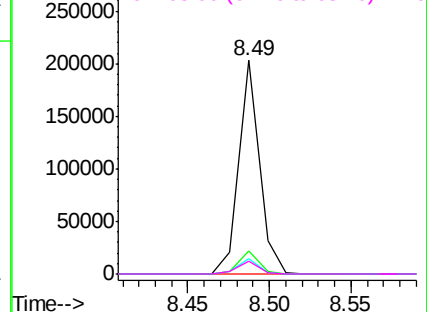
137 10.8 9.0 13.4

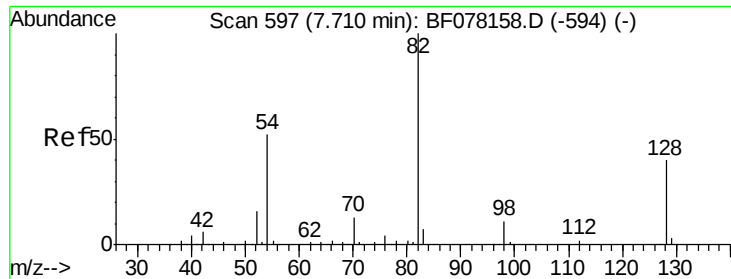
54 7.0 7.0 10.6#

68 6.0 5.4 8.2



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

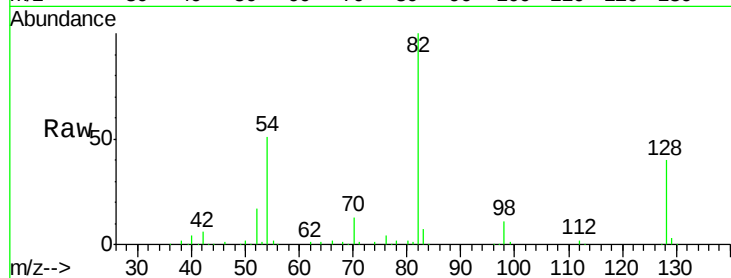




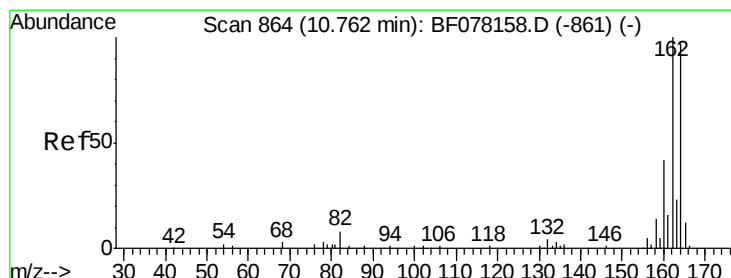
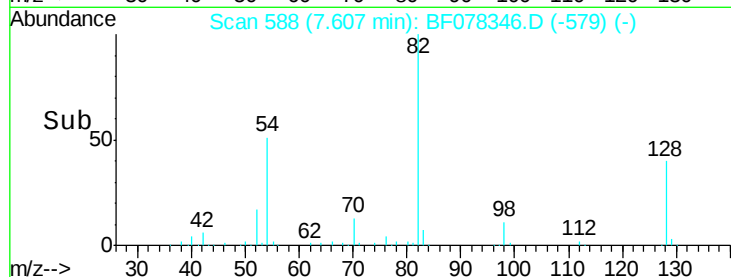
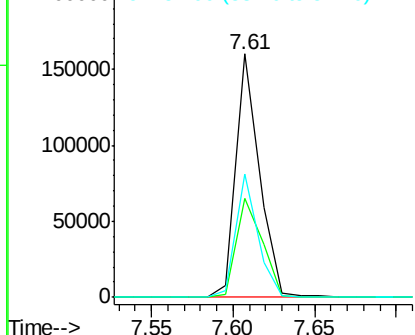
#23
 Nitrobenzene-d5
 Concen: 54.63 ng
 RT: 7.61 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF078346.D
 Acq: 8 Apr 2015 21:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-6S

Tgt Ion: 82 Resp: 158779
 Ion Ratio Lower Upper
 82 100
 128 40.5 31.8 47.8
 54 50.9 41.5 62.3

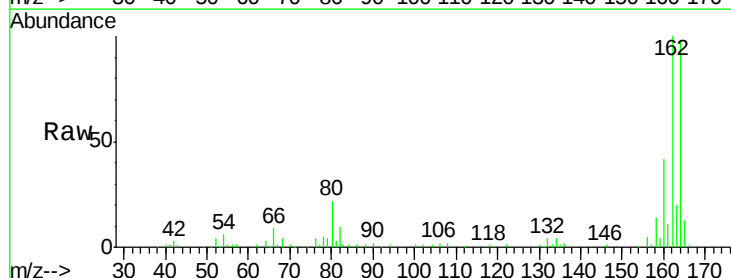


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

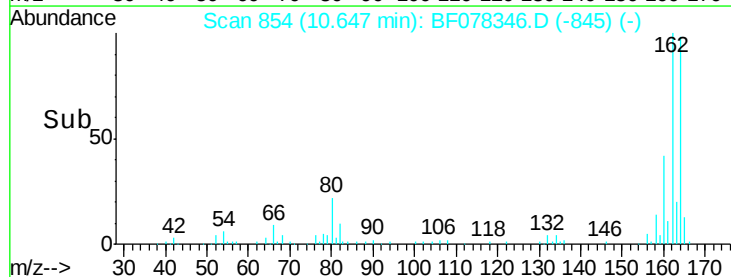
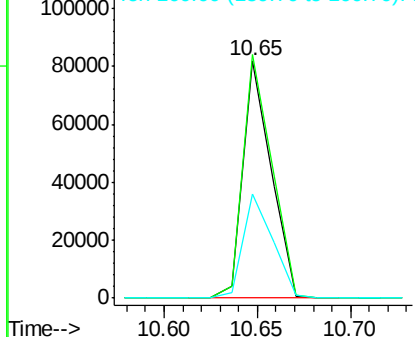


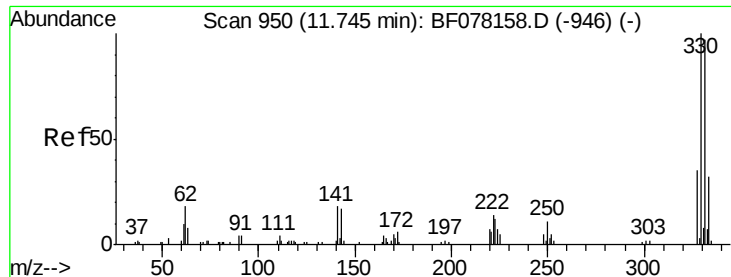
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.65 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF078346.D
 Acq: 8 Apr 2015 21:02

Tgt Ion: 164 Resp: 85703
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.2 123.2
 160 43.6 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

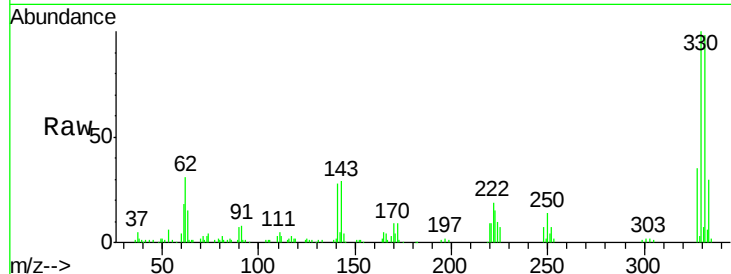




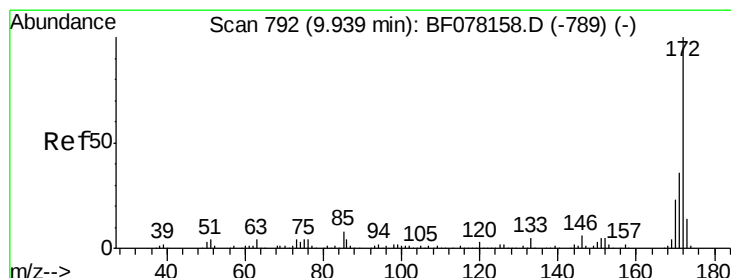
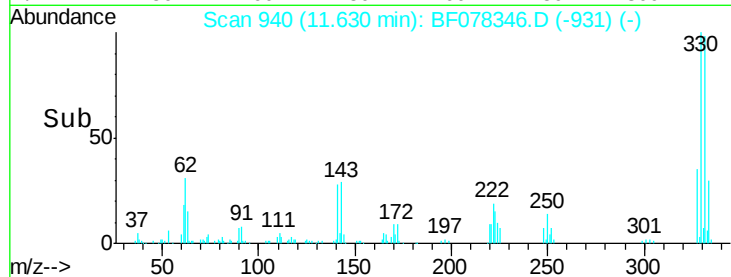
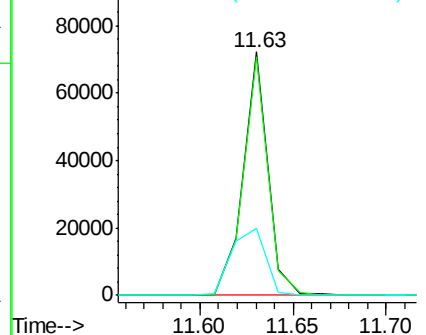
#41
 2,4,6-Tribromophenol
 Concen: 94.18 ng
 RT: 11.63 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF078346.D
 Acq: 8 Apr 2015 21:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-6S

Tgt Ion:330 Resp: 66944
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.6 117.8
 141 38.3 31.2 46.8

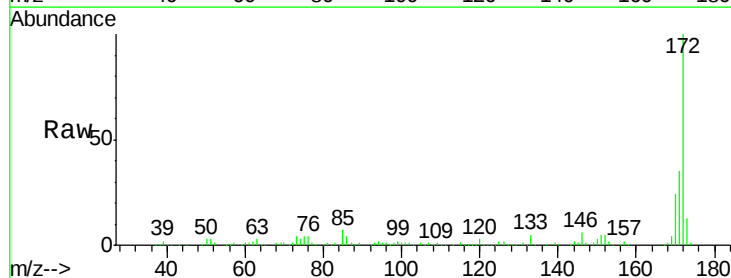


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

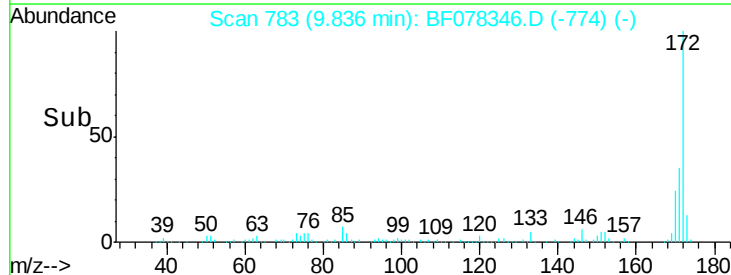
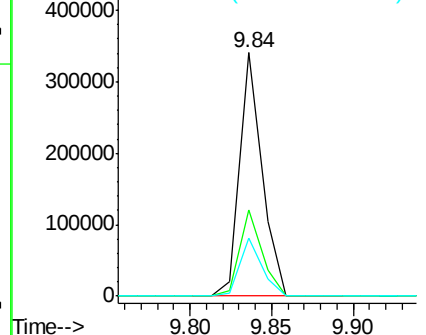


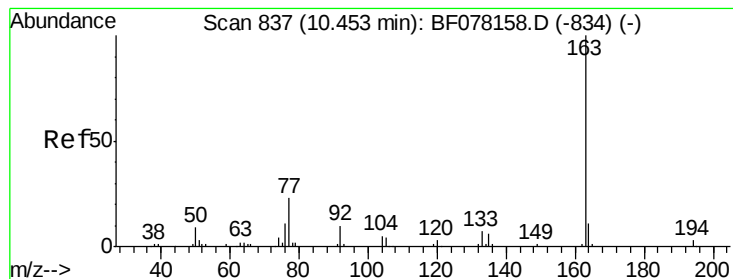
#44
 2-Fluorobiphenyl
 Concen: 53.38 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF078346.D
 Acq: 8 Apr 2015 21:02

Tgt Ion:172 Resp: 320048
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.6 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: 2.55 ng

RT: 10.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

Instrument :

BNA_F

ClientSampleId :

SB-6S

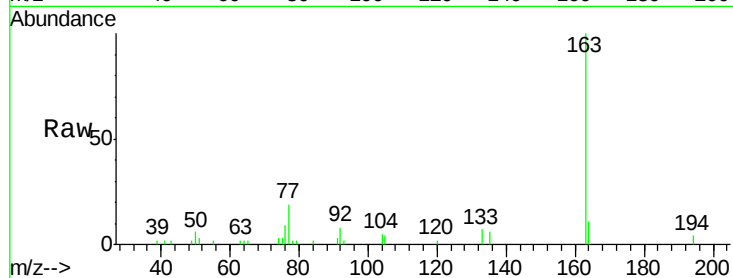
Tgt Ion:163 Resp: 16408

Ion Ratio Lower Upper

163 100

194 3.8 2.3 3.5#

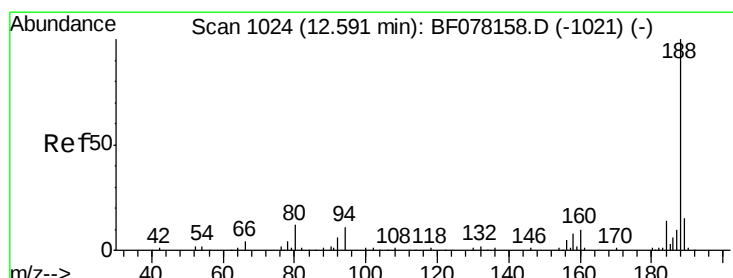
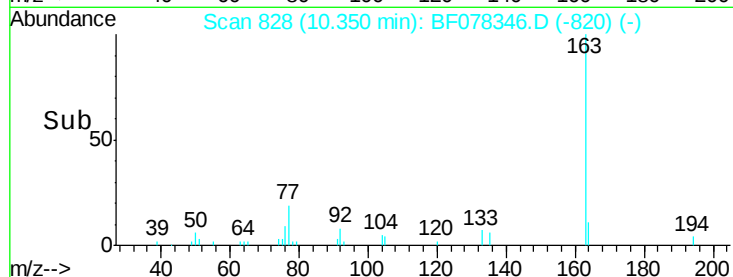
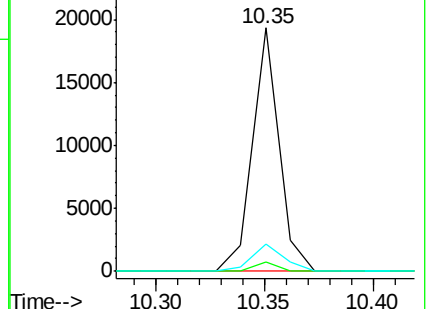
164 11.0 8.6 13.0



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: BF078346.D

Acq: 8 Apr 2015 21:02

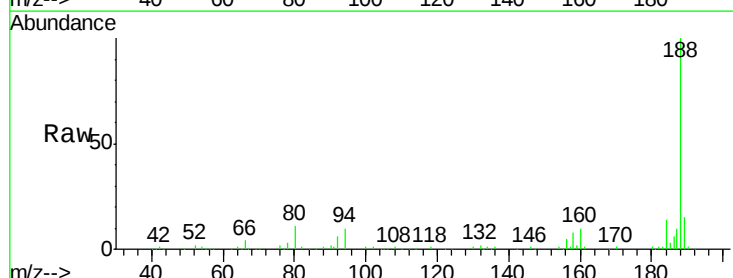
Tgt Ion:188 Resp: 161813

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.4

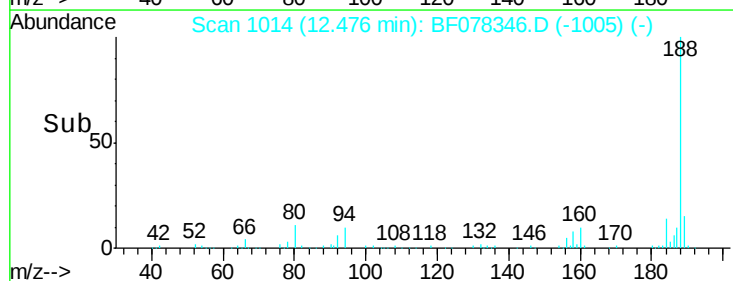
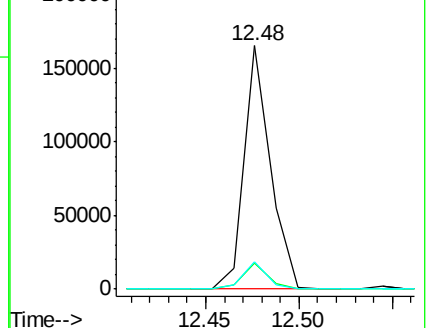
80 11.4 9.5 14.3

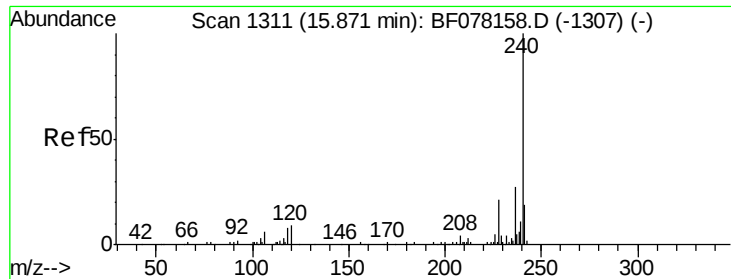


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

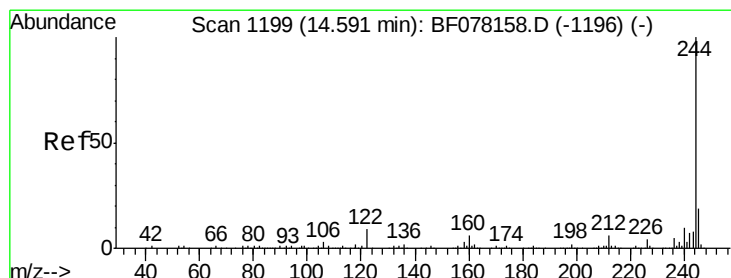
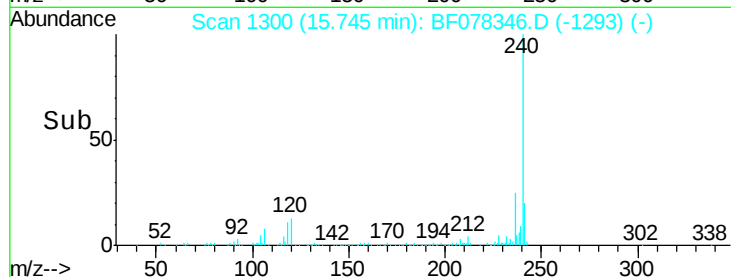
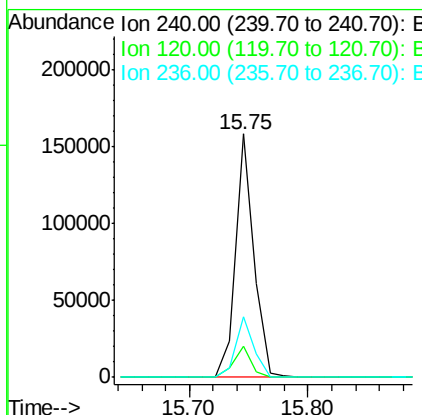
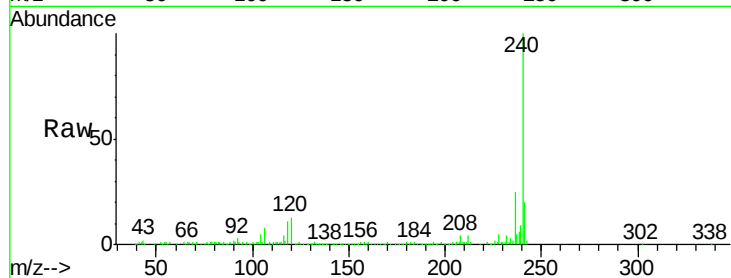




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.75 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

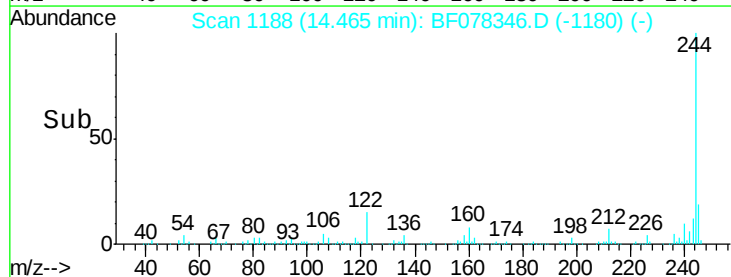
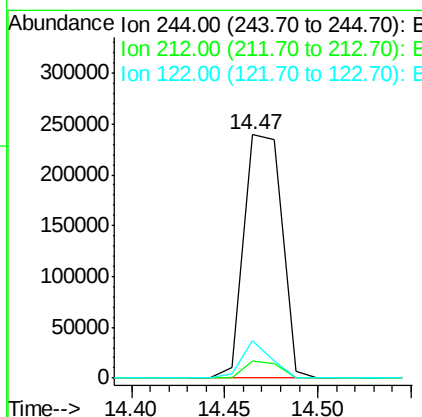
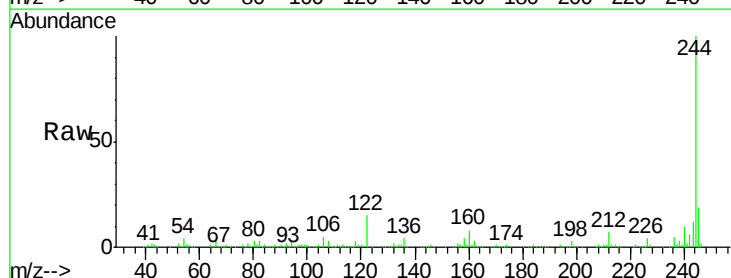
Instrument :
BNA_F
ClientSampleId :
SB-6S

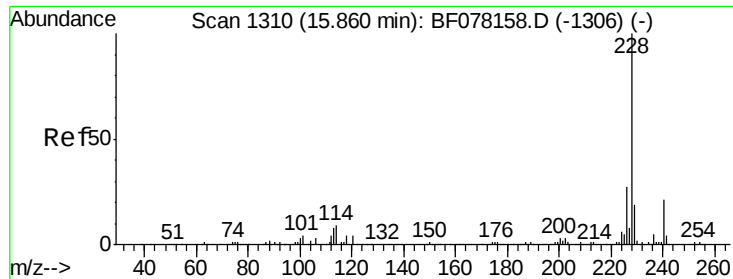
Tgt Ion:240 Resp: 170725
Ion Ratio Lower Upper
240 100
120 12.7 7.1 10.7#
236 24.9 21.4 32.2



#78
Terphenyl-d14
Concen: 44.80 ng
RT: 14.47 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

Tgt Ion:244 Resp: 338490
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 15.3 7.1 10.7#





#80

Benzo(a)anthracene

Concen: 2.62 ng

RT: 15.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

Instrument :

BNA_F

ClientSampleId :

SB-6S

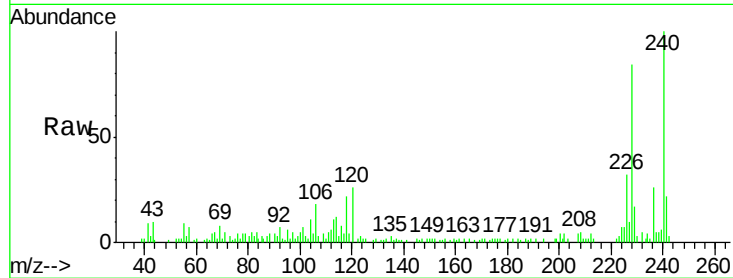
Tgt Ion:228 Resp: 26593

Ion Ratio Lower Upper

228 100

226 37.6 21.3 31.9#

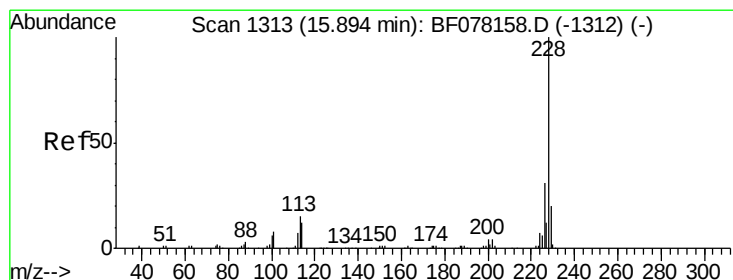
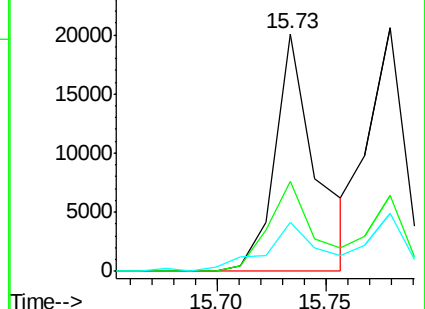
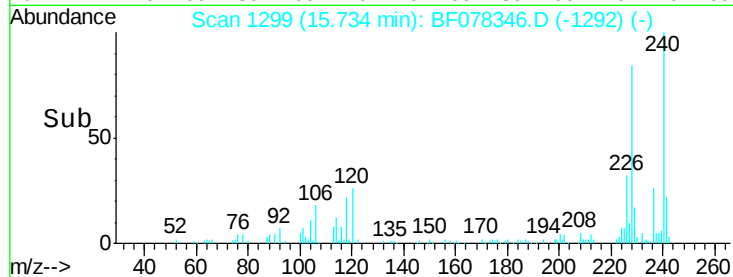
229 20.5 15.4 23.2



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: 2.52 ng

RT: 15.78 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

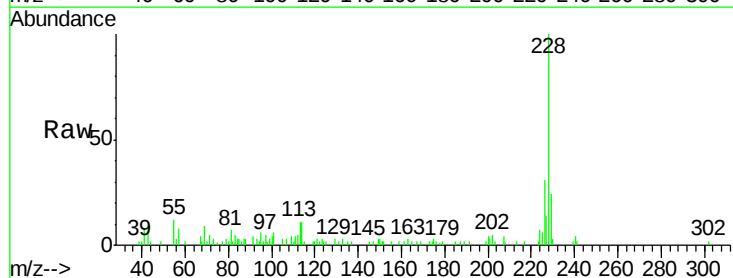
Tgt Ion:228 Resp: 24053

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

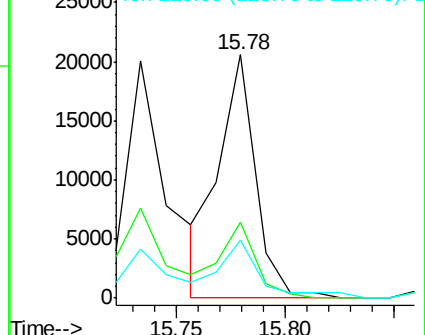
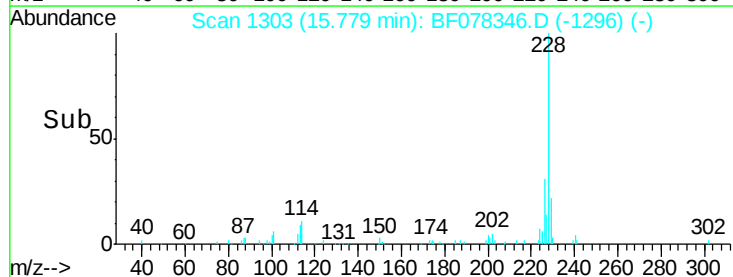
229 24.0 15.8 23.8#

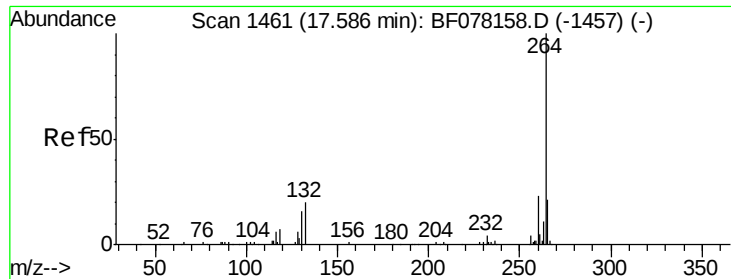


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

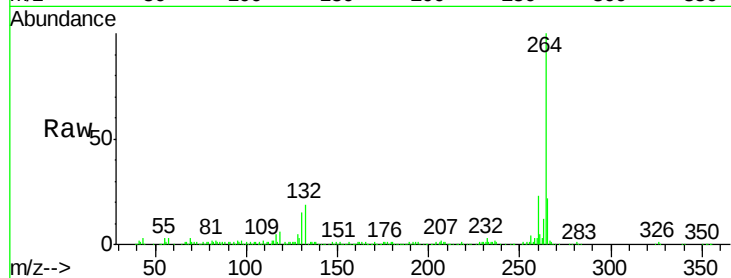




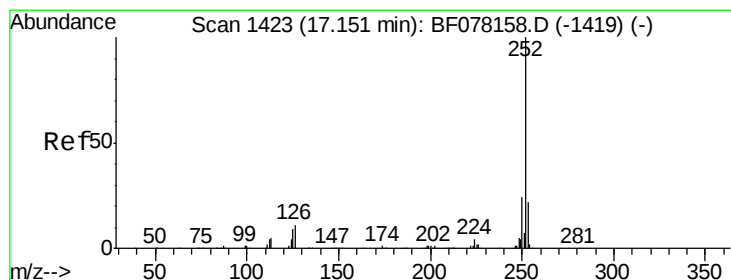
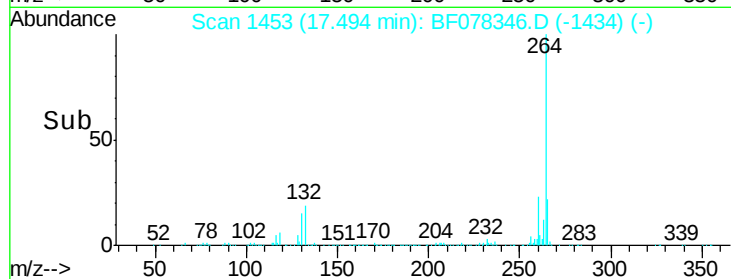
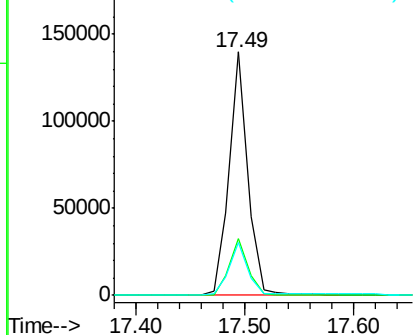
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.49 min Scan# 1453
Delta R.T. -0.08 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

Instrument :
BNA_F
ClientSampleId :
SB-6S

Tgt Ion:264 Resp: 166680
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.7 17.0 25.6

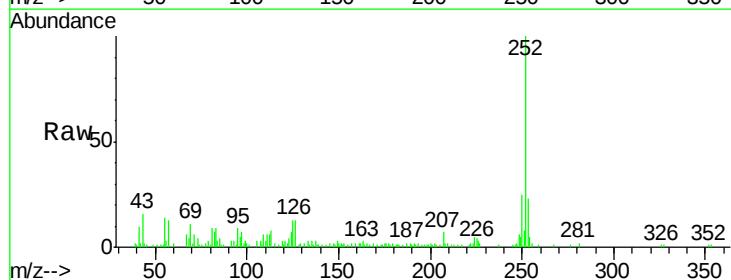


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

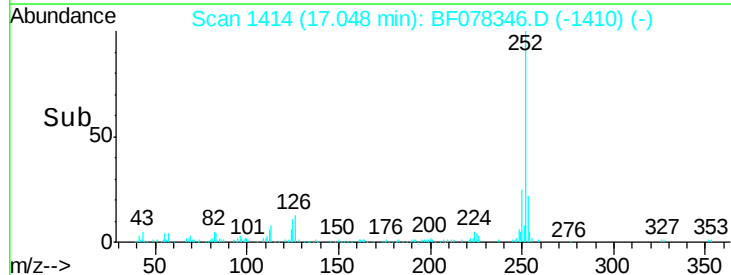
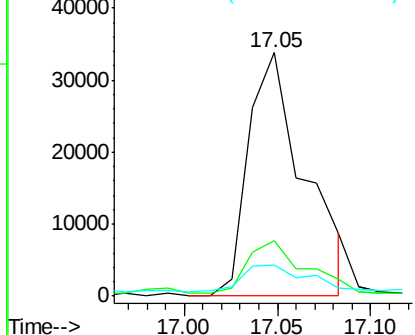


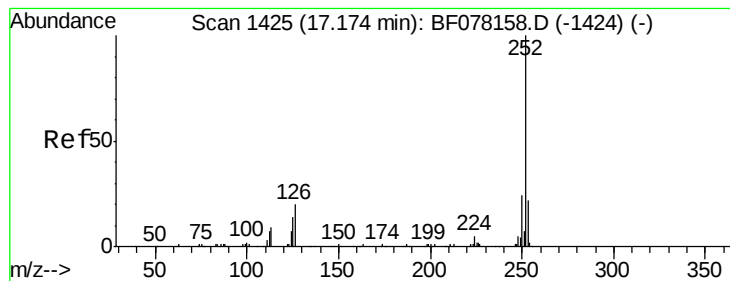
#87
Benzo(b)fluoranthene
Concen: 6.88 ng
RT: 17.05 min Scan# 1414
Delta R.T. -0.06 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

Tgt Ion:252 Resp: 70876
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 12.9 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: 7.92 ng

RT: 17.05 min Scan# 1414

Delta R.T. -0.09 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

Instrument :

BNA_F

ClientSampleId :

SB-6S

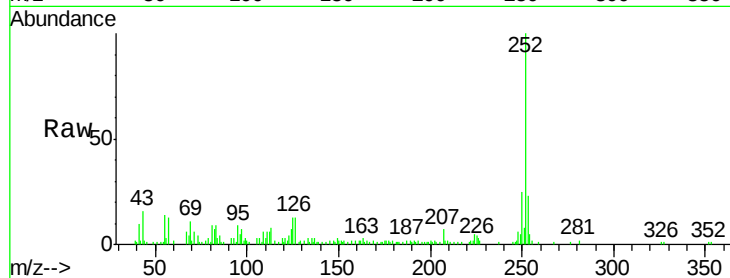
Tgt Ion:252 Resp: 72490

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

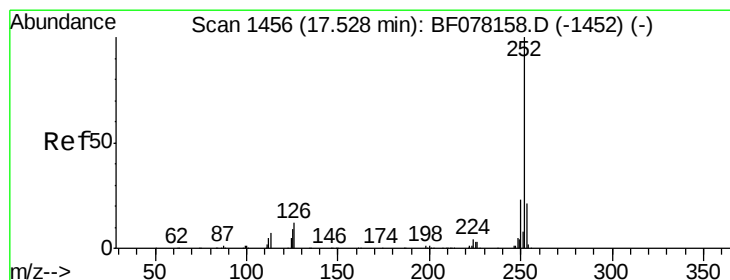
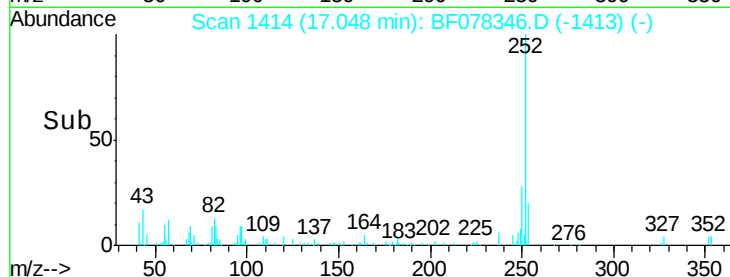
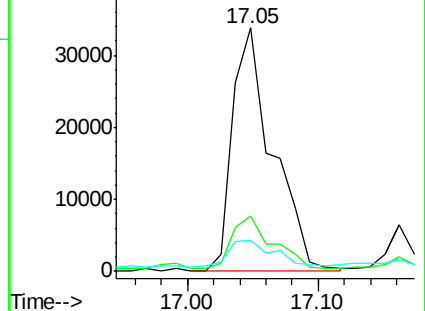
125 12.9 11.6 17.4



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



#89

Benzo(a)pyrene

Concen: 3.66 ng

RT: 17.43 min Scan# 1447

Delta R.T. -0.08 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

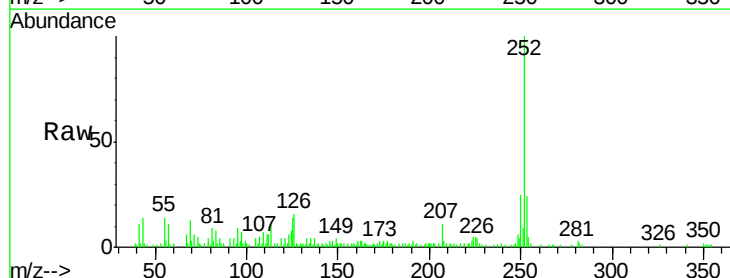
Tgt Ion:252 Resp: 32949

Ion Ratio Lower Upper

252 100

253 23.7 16.8 25.2

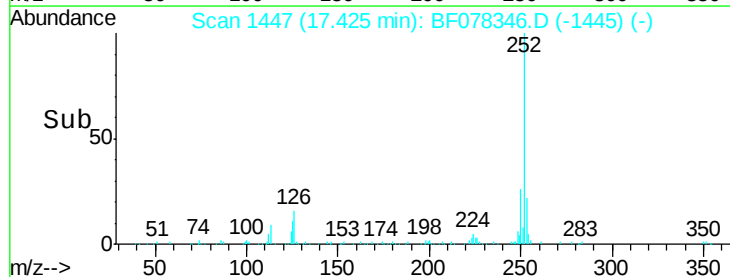
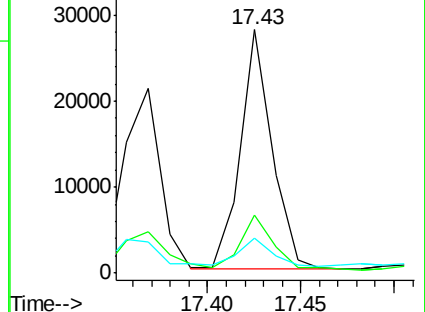
125 14.5 7.4 11.0#

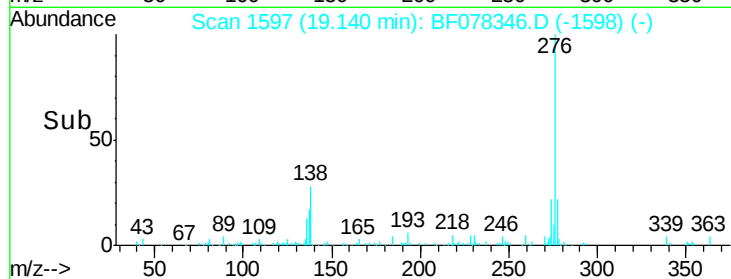
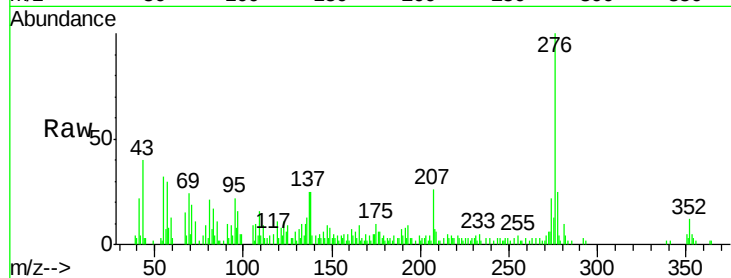
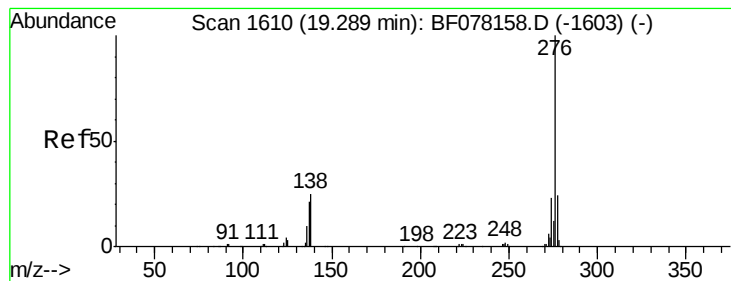


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 3.17 ng

RT: 19.14 min Scan# 1597

Delta R.T. -0.11 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

Instrument :

BNA_F

ClientSampleId :

SB-6S

Tgt Ion:276 Resp: 28629

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.4

138 24.6 19.9 29.9

