

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
 Data File : BF078664.D
 Acq On : 21 Apr 2015 3:19
 Operator : TP/IZ
 Sample : G1855-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB12B

Quant Time: Apr 21 03:59:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 03:43:19 2015
 Response via : Initial Calibration

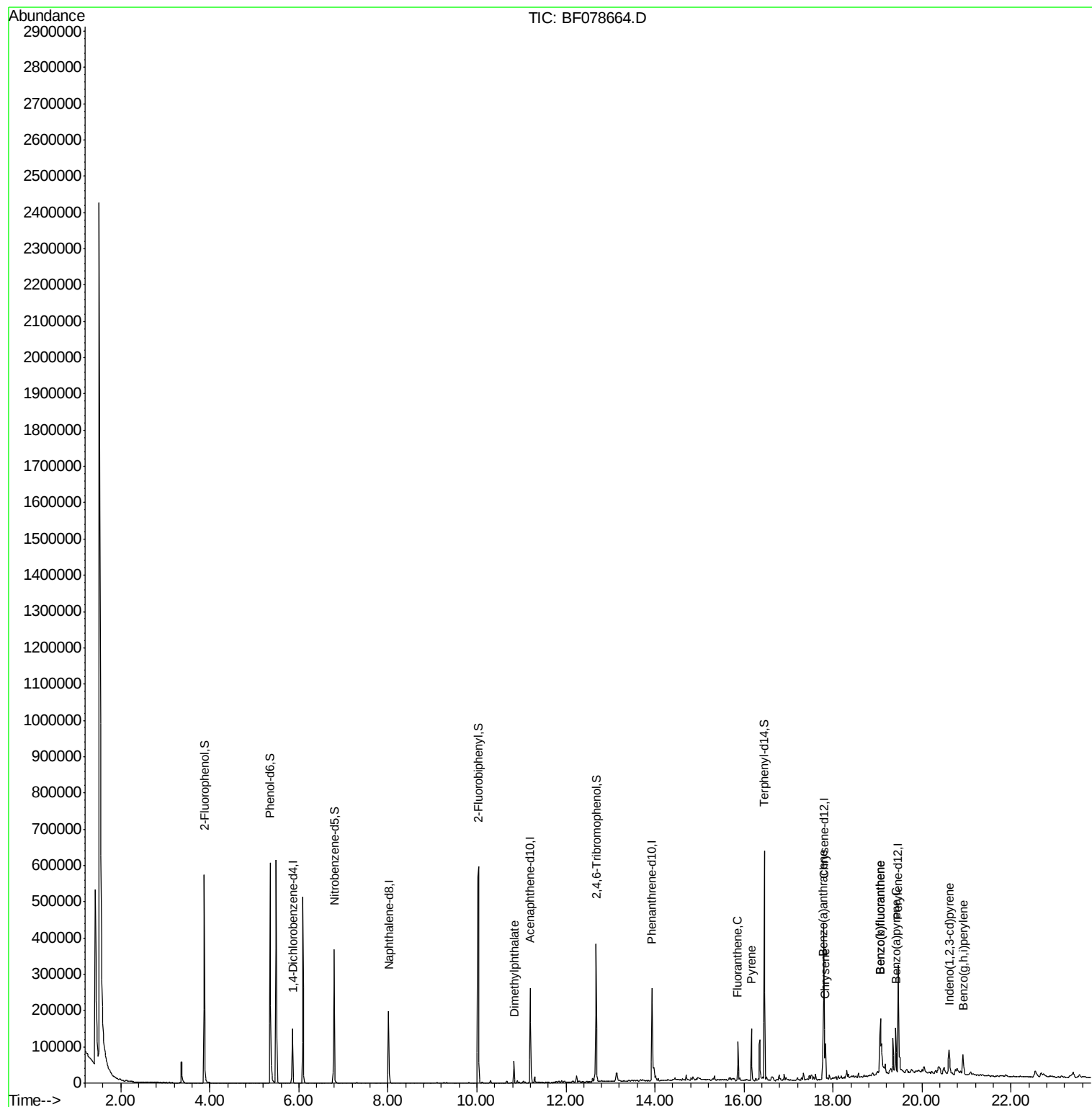
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	37455	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	154264	20.00	ng	0.00
38) Acenaphthene-d10	11.20	164	78382	20.00	ng	-0.01
63) Phenanthrene-d10	13.93	188	153966	20.00	ng	-0.01
75) Chrysene-d12	17.79	240	159019	20.00	ng	-0.01
86) Perylene-d12	19.46	264	153928	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.87	112	210189	92.53	ng	0.00
7) Phenol-d6	5.36	99	278312	97.76	ng	0.00
23) Nitrobenzene-d5	6.80	82	177461	69.73	ng	0.00
41) 2,4,6-Tribromophenol	12.67	330	61417	94.48	ng	-0.01
44) 2-Fluorobiphenyl	10.03	172	323357	58.97	ng	0.00
78) Terphenyl-d14	16.46	244	253097	35.97	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.83	163	37539	6.37	ng	Qvalue # 97
74) Fluoranthene	15.86	202	53816	5.73	ng	93
77) Pyrene	16.17	202	64042	6.42	ng	95
80) Benzo(a)anthracene	17.78	228	47892	5.06	ng	96
82) Chrysene	17.83	228	41080	4.62	ng	99
85) Indeno(1,2,3-cd)pyrene	20.61	276	47059	4.67	ng	# 89
87) Benzo(b)fluoranthene	19.06	252	104399	10.97	ng	# 95
88) Benzo(k)fluoranthene	19.06	252	102588	12.13	ng	96
89) Benzo(a)pyrene	19.41	252	55928	6.74	ng	# 95
91) Benzo(g,h,i)perylene	20.93	276	43142	5.18	ng	97

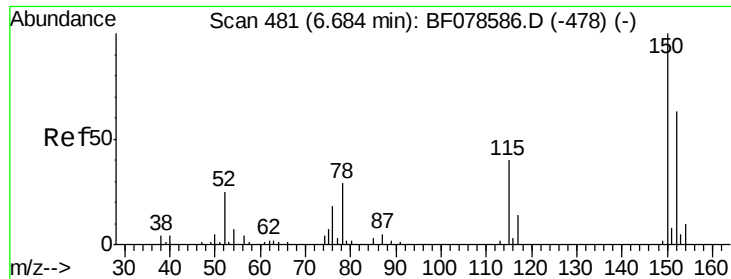
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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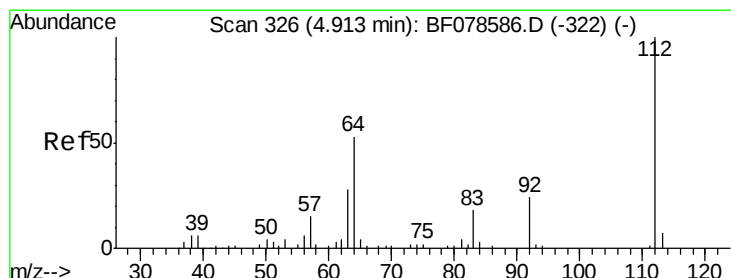
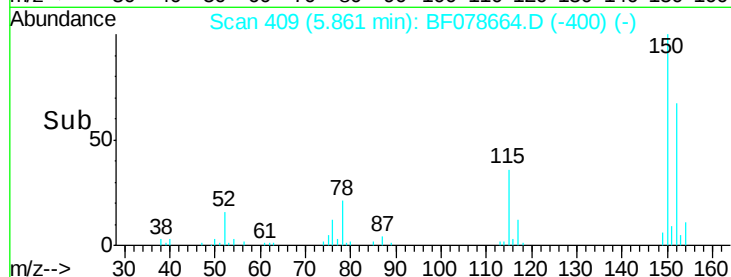
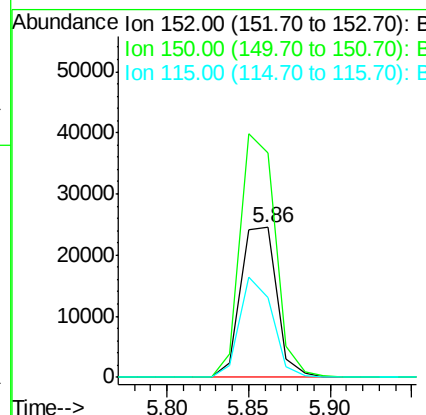
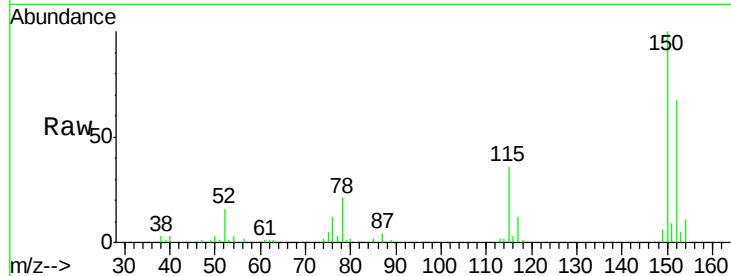




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.86 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BF078664.D
 Acq: 21 Apr 2015 3:19

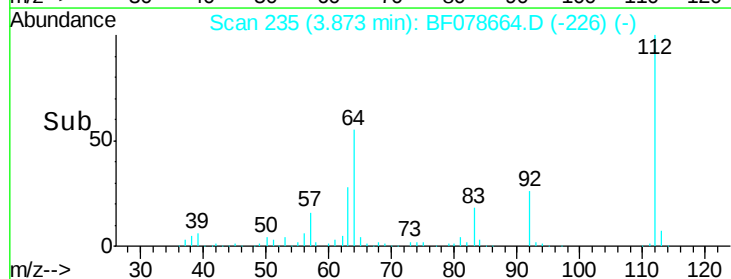
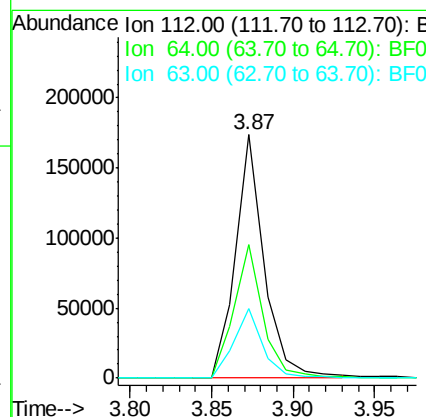
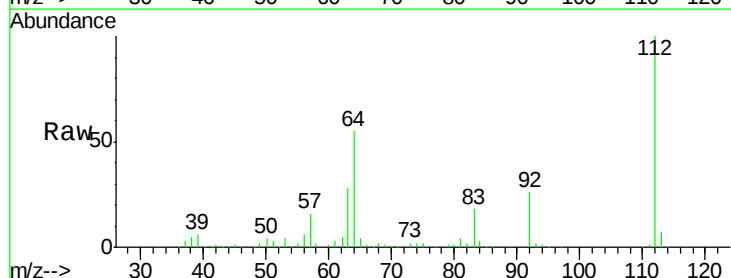
Instrument :
 BNA_F
 ClientSampled :
 LS-SB12B

Tgt Ion:152 Resp: 37455
 Ion Ratio Lower Upper
 152 100
 150 149.9 125.9 188.9
 115 53.6 52.7 79.1



#5
 2-Fluorophenol
 Concen: 92.53 ng
 RT: 3.87 min Scan# 235
 Delta R.T. -0.00 min
 Lab File: BF078664.D
 Acq: 21 Apr 2015 3:19

Tgt Ion:112 Resp: 210189
 Ion Ratio Lower Upper
 112 100
 64 55.0 39.9 59.9
 63 28.5 20.2 30.4





#7

Phenol-d6

Concen: 97.76 ng

RT: 5.36 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Instrument :

BNA_F

ClientSampleId :

LS-SB12B

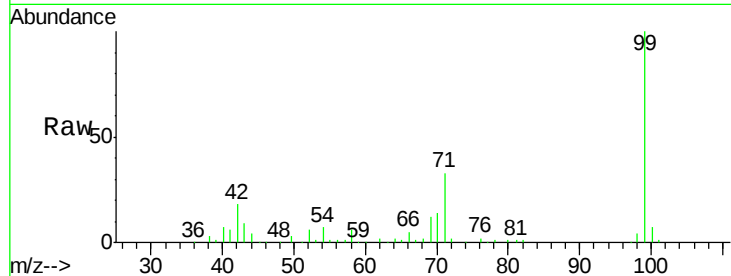
Tgt Ion: 99 Resp: 278312

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

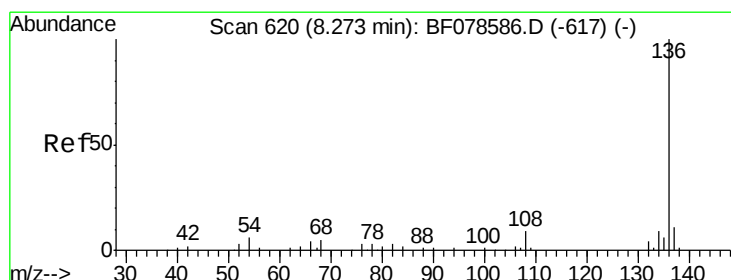
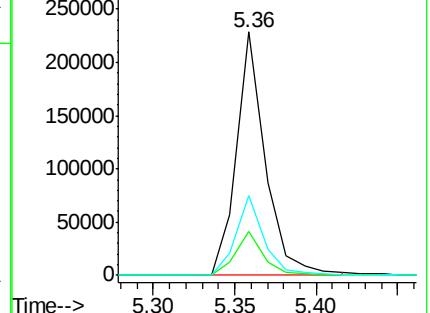
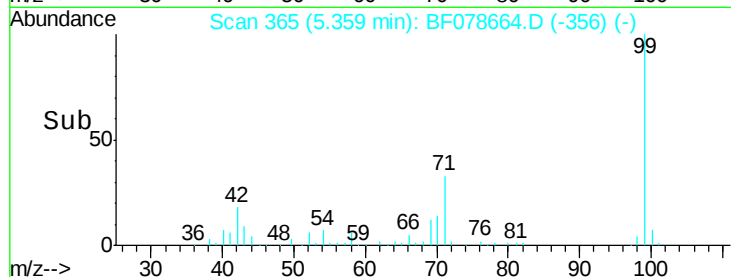
71 33.0 26.6 39.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Tgt Ion: 136 Resp: 154264

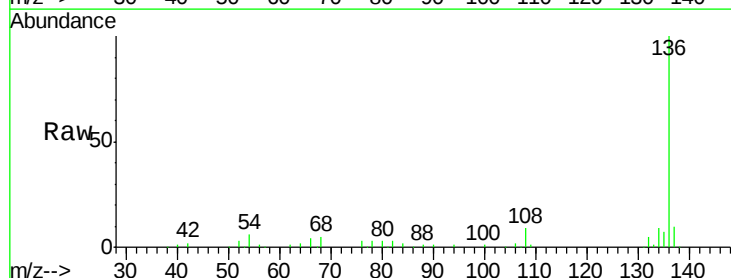
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 6.1 7.0 10.6#

68 5.0 5.4 8.2#

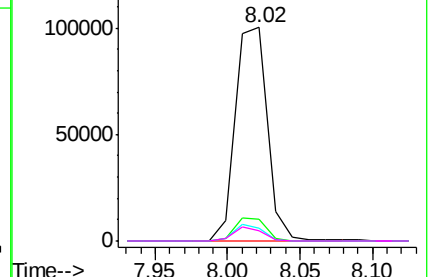
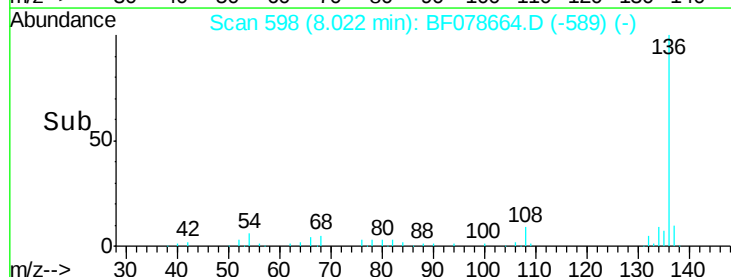


Abundance Ion 136.00 (135.70 to 136.70): E

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

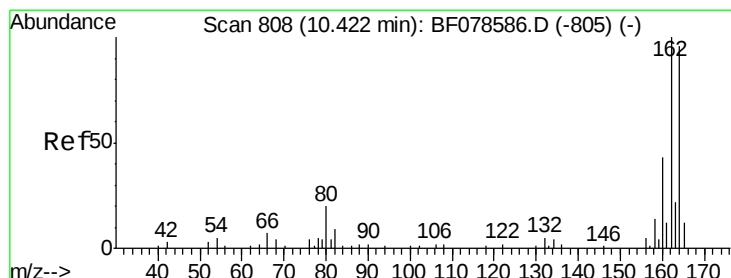
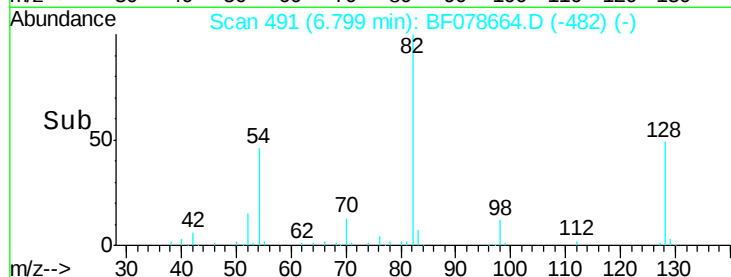
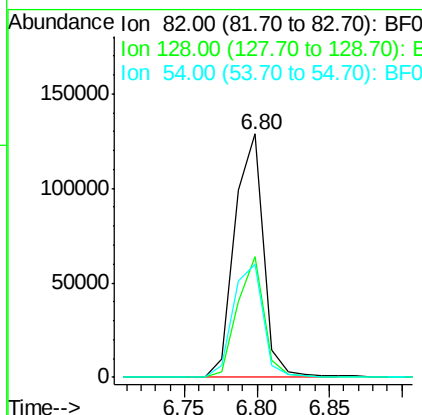
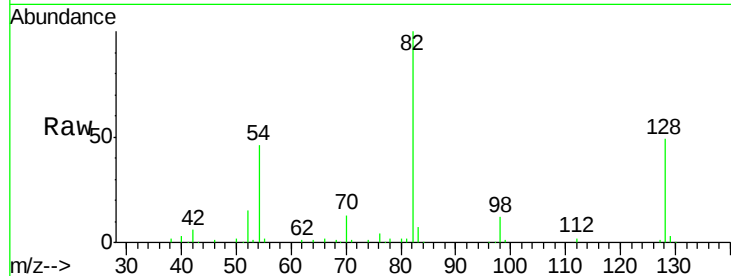




#23
 Nitrobenzene-d5
 Concen: 69.73 ng
 RT: 6.80 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF078664.D
 Acq: 21 Apr 2015 3:19

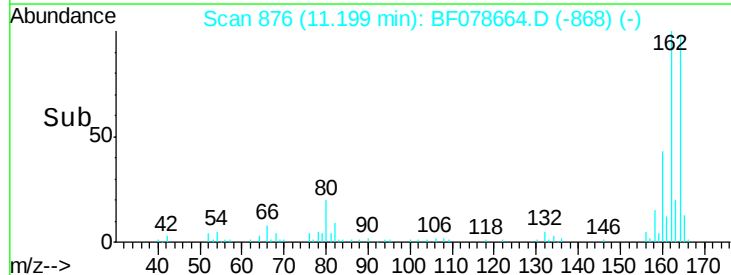
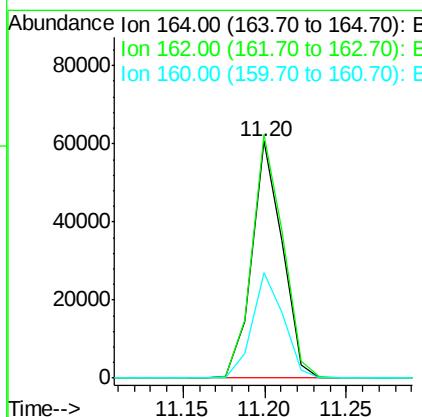
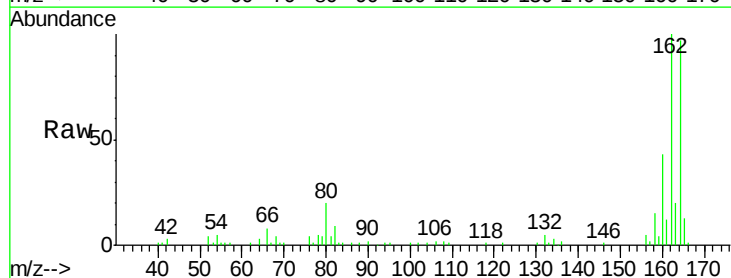
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB12B

Tgt Ion: 82 Resp: 177461
 Ion Ratio Lower Upper
 82 100
 128 49.5 31.8 47.8#
 54 46.3 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF078664.D
 Acq: 21 Apr 2015 3:19

Tgt Ion: 164 Resp: 78382
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.2 123.2
 160 44.3 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 94.48 ng

RT: 12.67 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Instrument :

BNA_F

ClientSampled :

LS-SB12B

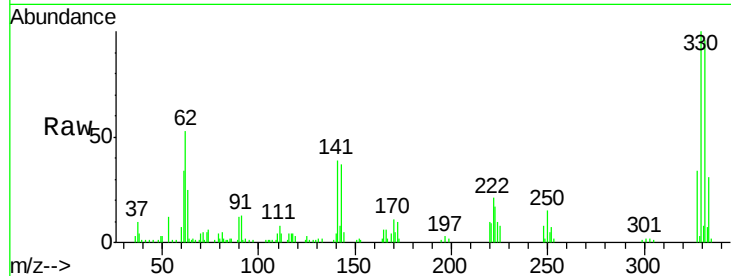
Tgt Ion:330 Resp: 61417

Ion Ratio Lower Upper

330 100

332 97.4 78.6 117.8

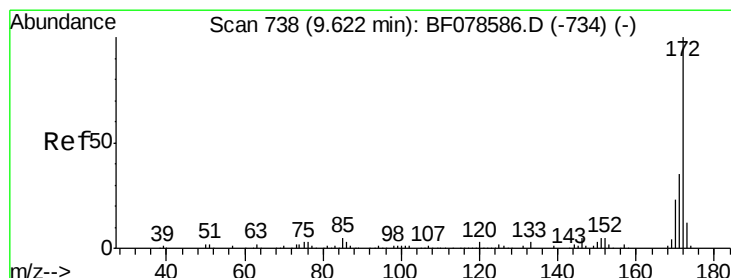
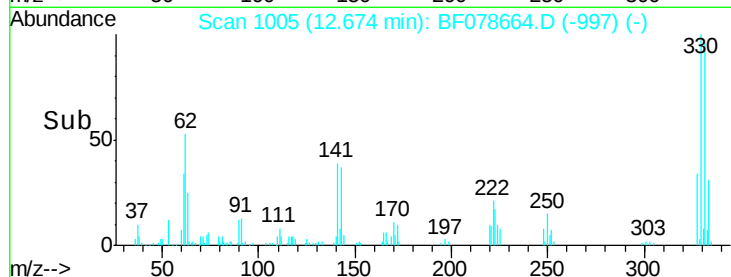
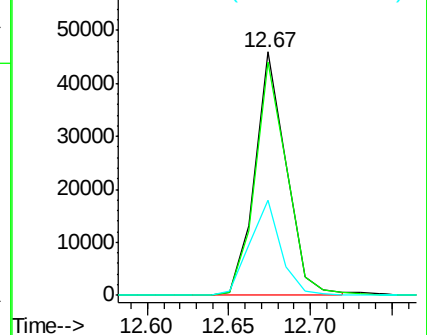
141 39.3 31.2 46.8



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: 58.97 ng

RT: 10.03 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

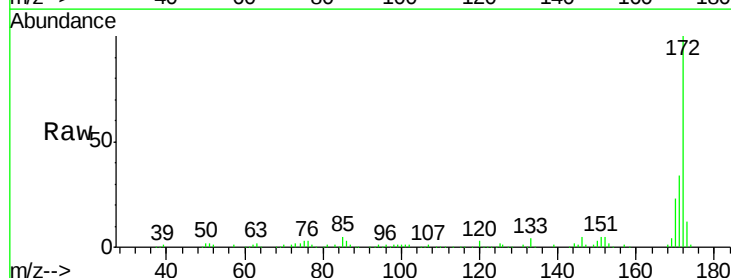
Tgt Ion:172 Resp: 323357

Ion Ratio Lower Upper

172 100

171 33.9 28.6 42.8

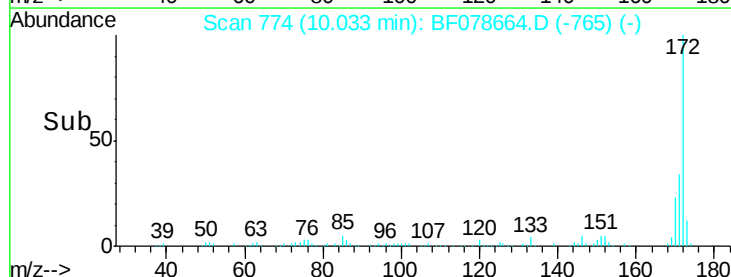
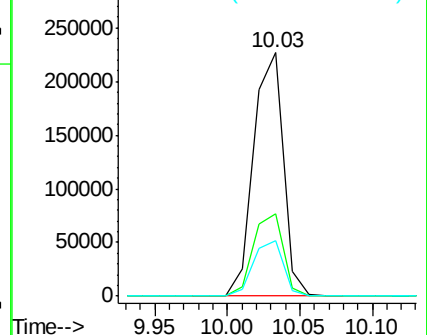
170 22.8 18.5 27.7

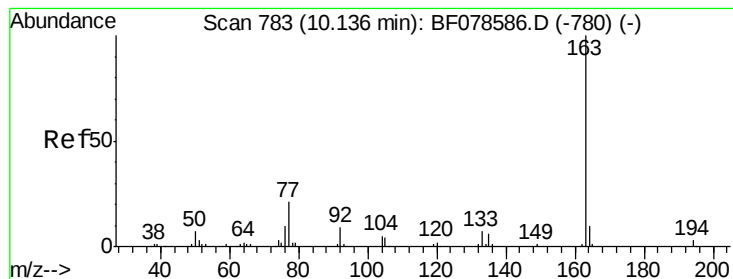


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.37 ng

RT: 10.83 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Instrument :

BNA_F

ClientSampleId :

LS-SB12B

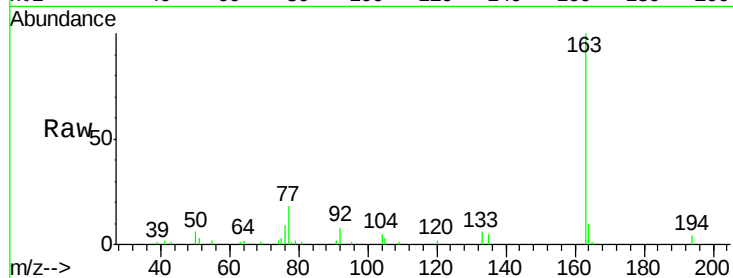
Tgt Ion:163 Resp: 37539

Ion Ratio Lower Upper

163 100

194 3.5 2.3 3.5#

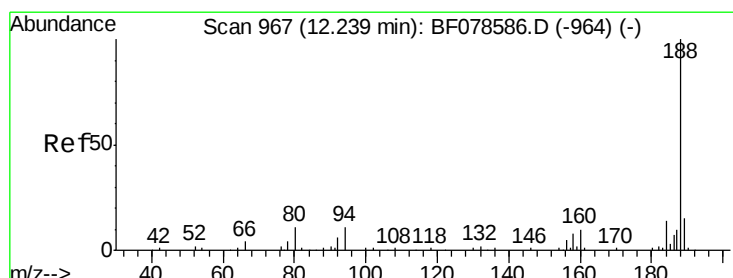
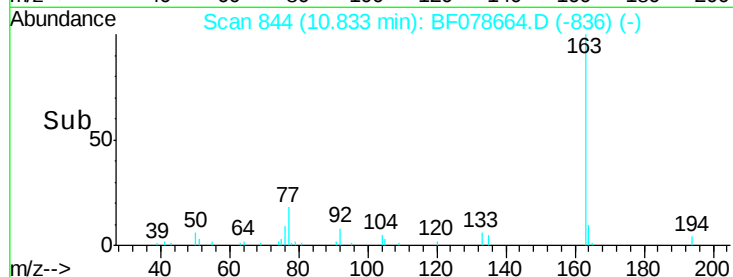
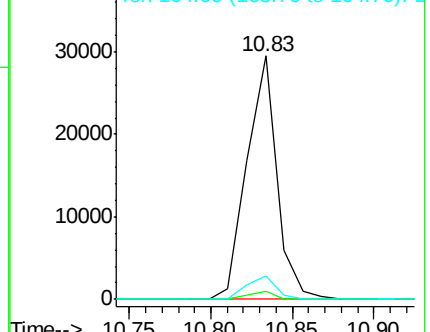
164 9.7 8.6 13.0



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: 13.93 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

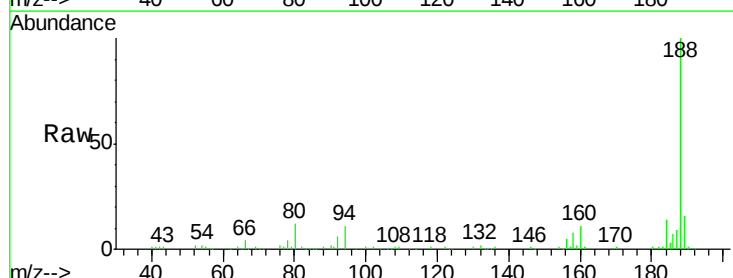
Tgt Ion:188 Resp: 153966

Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.4

80 11.8 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

