

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
 Data File : BF078723.D
 Acq On : 22 Apr 2015 19:02
 Operator : TP/IZ
 Sample : G1972-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-115A-42115

Quant Time: Apr 23 01:13:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 00:55:17 2015
 Response via : Initial Calibration

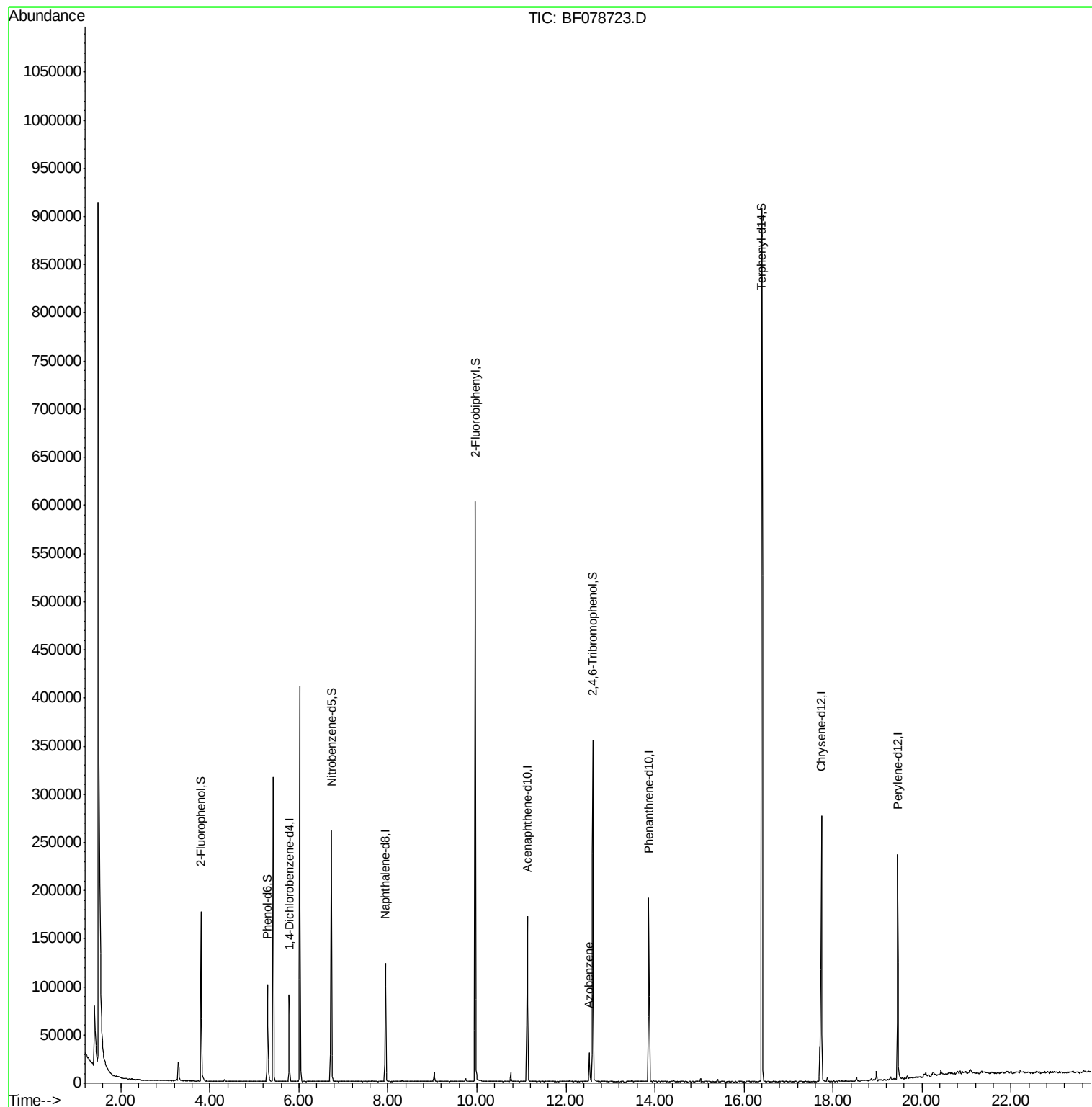
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	21610	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	90210	20.00	ng	-0.01
38) Acenaphthene-d10	11.13	164	47846	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	104604	20.00	ng	0.00
75) Chrysene-d12	17.74	240	117378	20.00	ng	0.00
86) Perylene-d12	19.45	264	116436	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	71097	54.24	ng	0.00
7) Phenol-d6	5.29	99	54097	32.93	ng	0.00
23) Nitrobenzene-d5	6.73	82	137095	92.12	ng	0.00
41) 2,4,6-Tribromophenol	12.61	330	60737	153.06	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	304506	90.97	ng	0.00
78) Terphenyl-d14	16.40	244	404115	77.80	ng	0.00
Target Compounds						
62) Azobenzene	12.53	77	8833	2.79	ng	Qvalue # 1

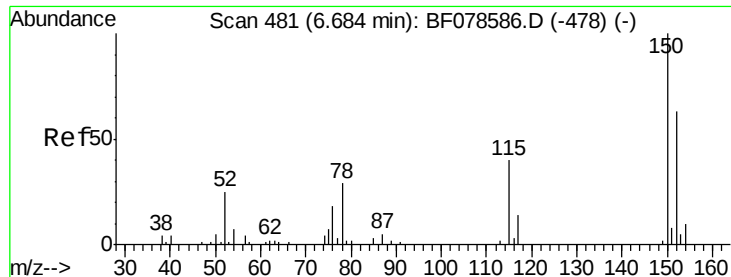
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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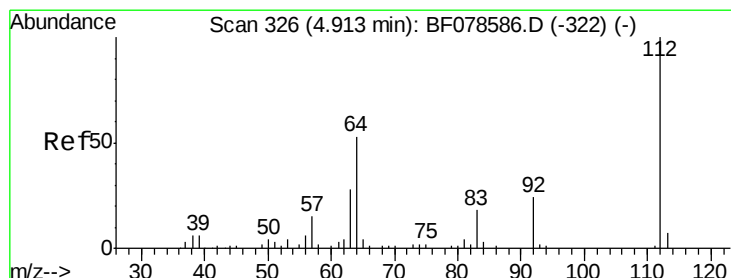
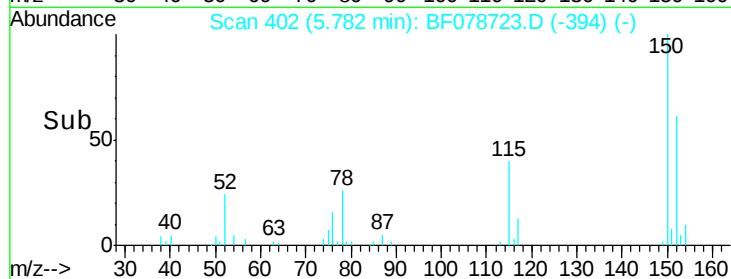
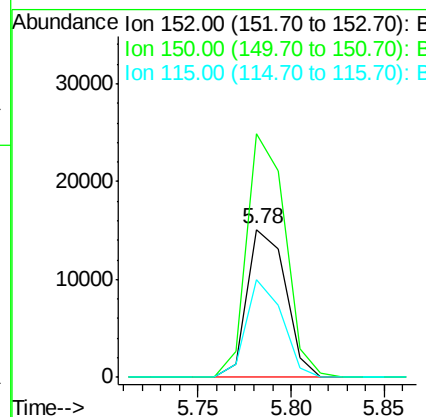
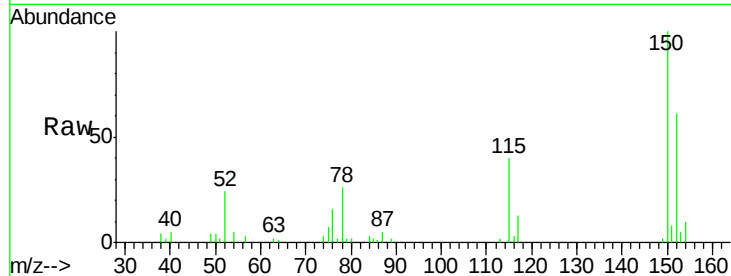




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.78 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BF078723.D
 Acq: 22 Apr 2015 19:02

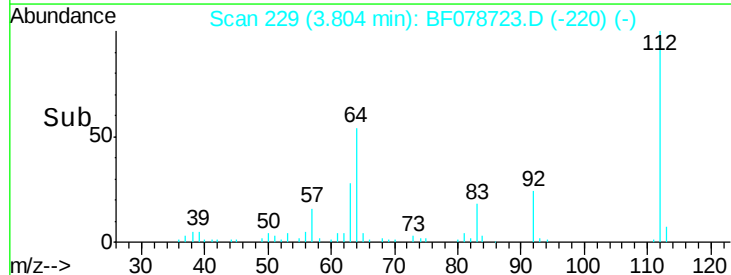
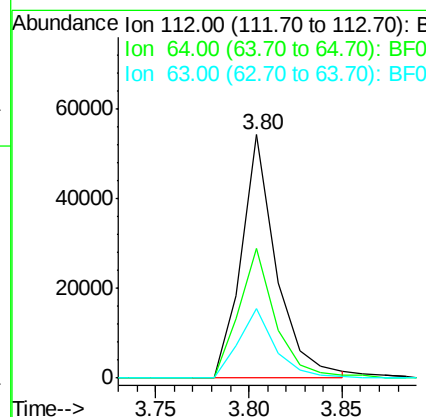
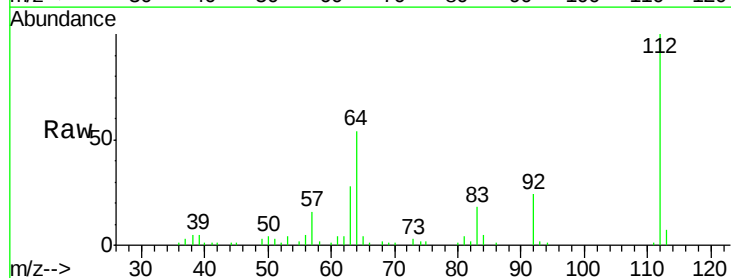
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-115A-42115

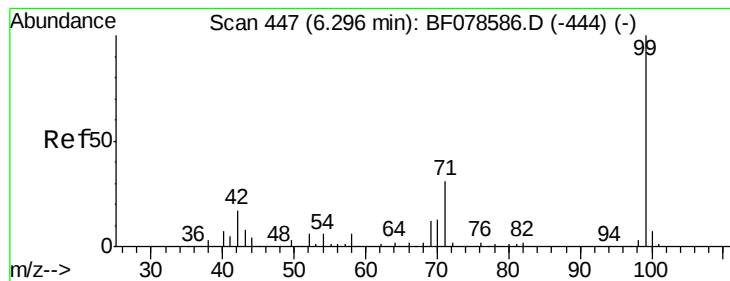
Tgt Ion:152 Resp: 21610
 Ion Ratio Lower Upper
 152 100
 150 164.9 125.9 188.9
 115 66.4 52.7 79.1



#5
 2-Fluorophenol
 Concen: 54.24 ng
 RT: 3.80 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: BF078723.D
 Acq: 22 Apr 2015 19:02

Tgt Ion:112 Resp: 71097
 Ion Ratio Lower Upper
 112 100
 64 53.5 39.9 59.9
 63 28.4 20.2 30.4





#7

Phenol-d6

Concen: 32.93 ng

RT: 5.29 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF078723.D

Acq: 22 Apr 2015 19:02

Instrument :

BNA_F

ClientSampleId :

DCW-WW-115A-42115

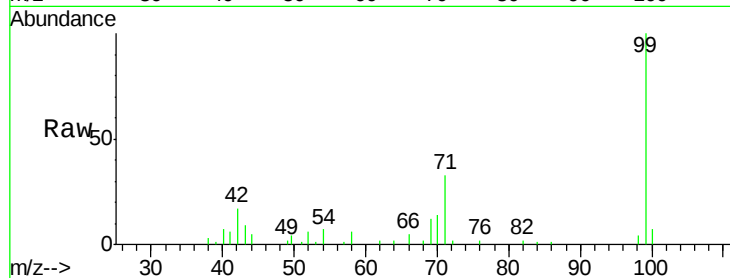
Tgt Ion: 99 Resp: 54097

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

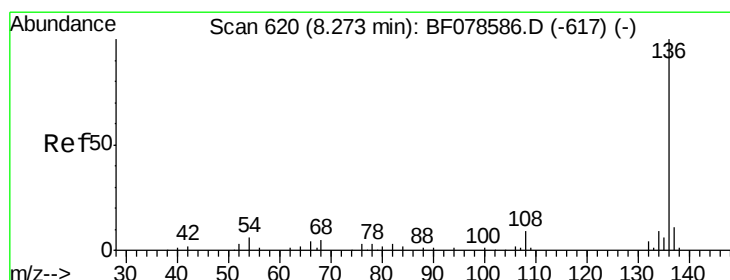
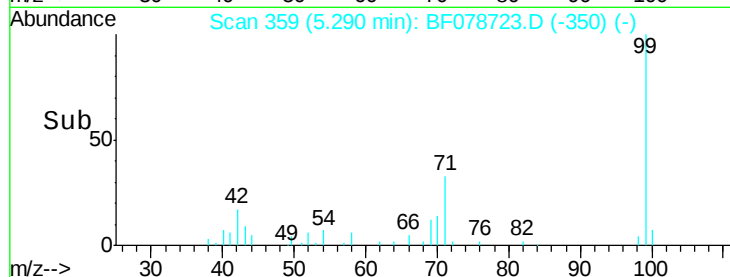
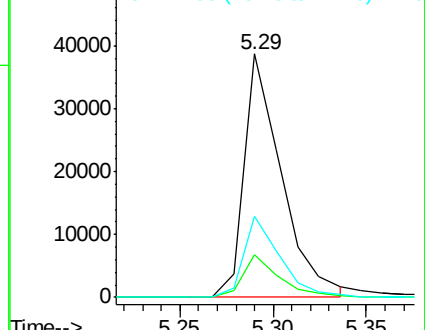
71 33.2 26.6 39.8



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: 7.94 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF078723.D

Acq: 22 Apr 2015 19:02

Tgt Ion: 136 Resp: 90210

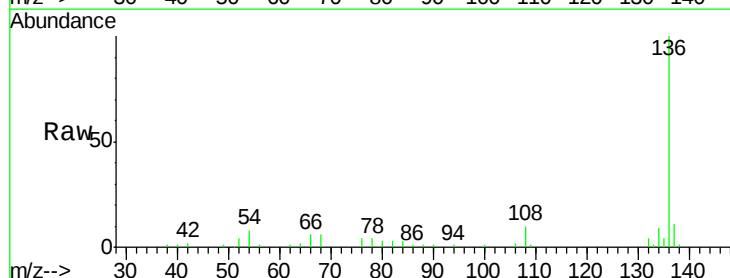
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.2 7.0 10.6

68 6.0 5.4 8.2

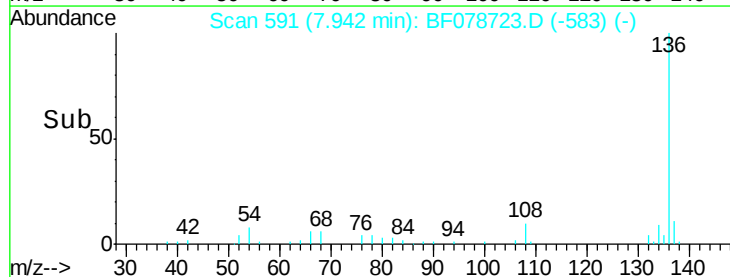
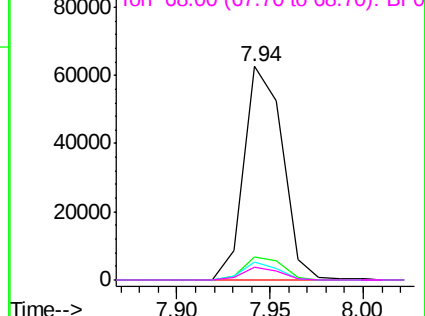


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.12 ng

RT: 6.73 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF078723.D

Acq: 22 Apr 2015 19:02

Instrument :

BNA_F

ClientSampleId :

DCW-WW-115A-42115

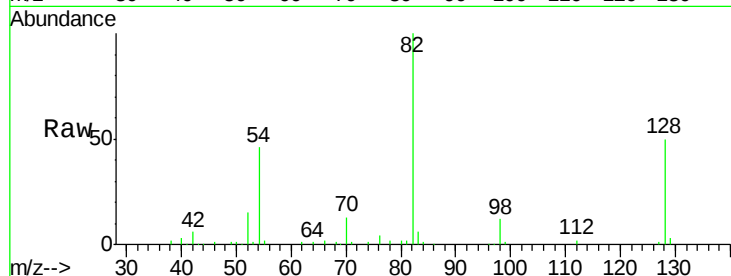
Tgt Ion: 82 Resp: 137095

Ion Ratio Lower Upper

82 100

128 50.2 31.8 47.8#

54 46.4 41.5 62.3

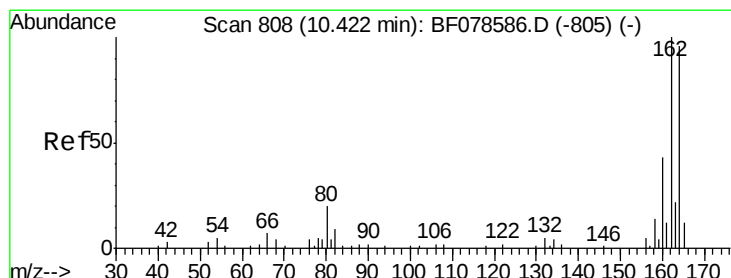
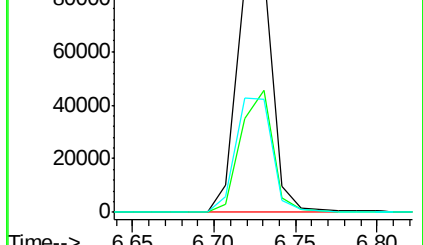
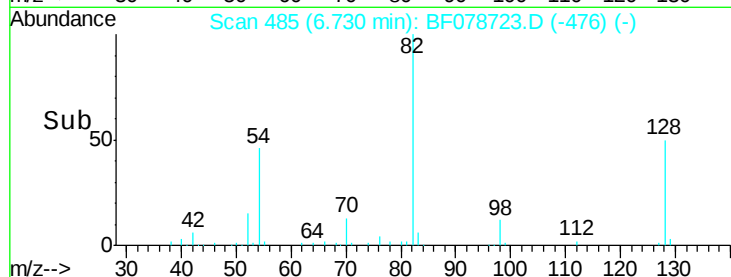


Abundance Ion 82.00 (81.70 to 82.70): BF078586.D (-540) (-)

Ion 128.00 (127.70 to 128.70): BF078586.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BF078586.D (-540) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF078723.D

Acq: 22 Apr 2015 19:02

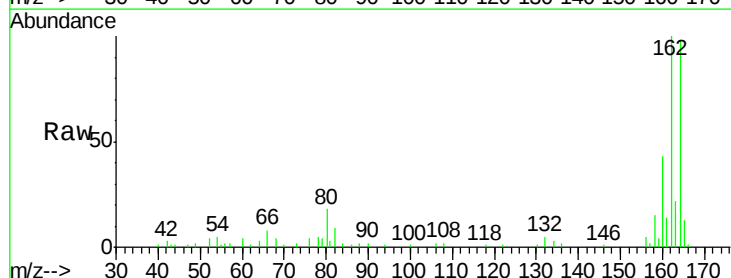
Tgt Ion: 164 Resp: 47846

Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.2

160 44.2 34.7 52.1

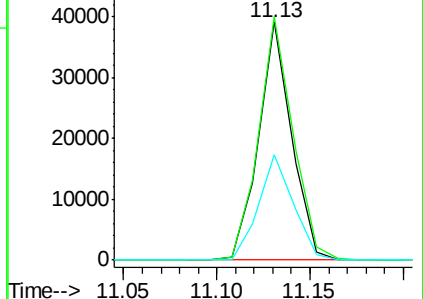
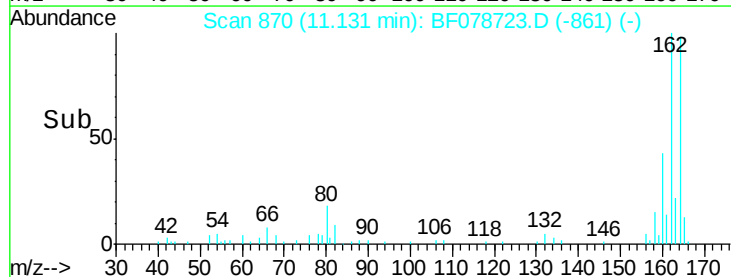


Abundance Ion 164.00 (163.70 to 164.70): BF078586.D (-805) (-)

Ion 162.00 (161.70 to 162.70): BF078586.D (-805) (-)

Ion 160.00 (159.70 to 160.70): BF078586.D (-805) (-)

Time-->

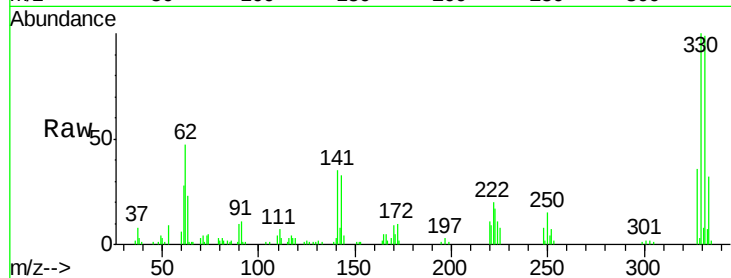




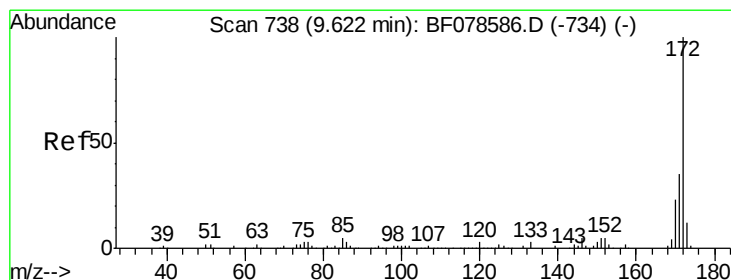
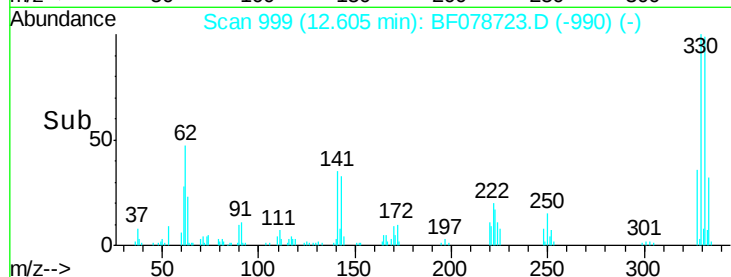
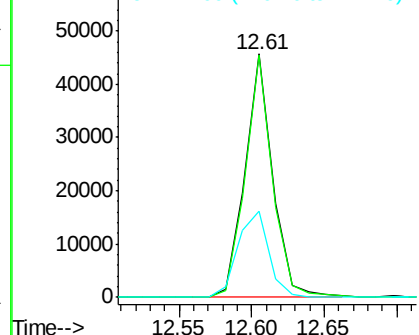
#41
 2,4,6-Tribromophenol
 Concen: 153.06 ng
 RT: 12.61 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF078723.D
 Acq: 22 Apr 2015 19:02

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-115A-42115

Tgt Ion:330 Resp: 60737
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.6 117.8
 141 39.3 31.2 46.8

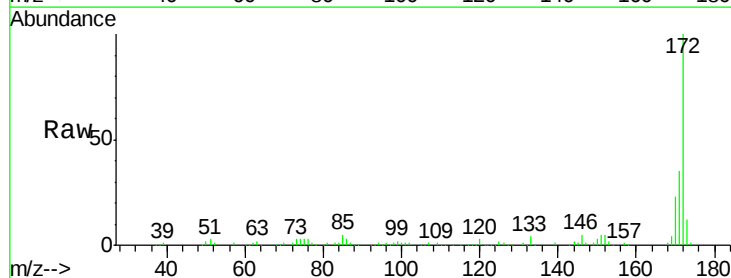


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

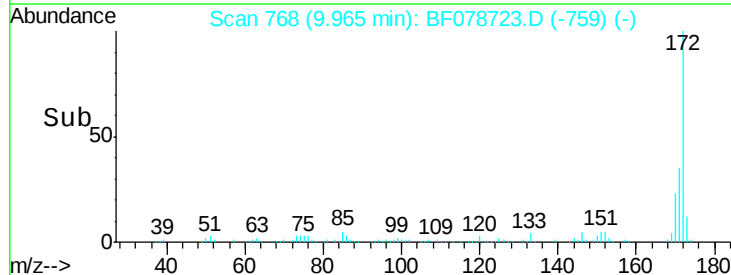
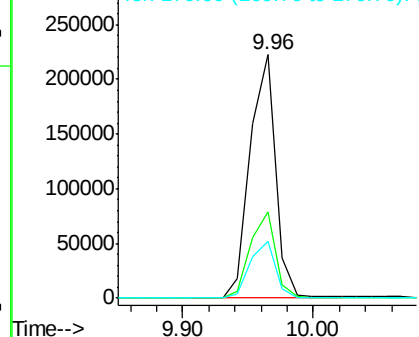


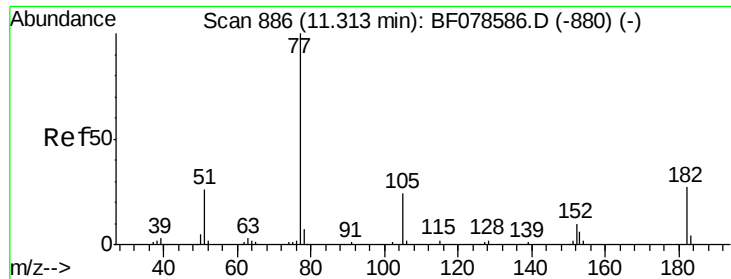
#44
 2-Fluorobiphenyl
 Concen: 90.97 ng
 RT: 9.96 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF078723.D
 Acq: 22 Apr 2015 19:02

Tgt Ion:172 Resp: 304506
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.2 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





#62

Azobenzene

Concen: 2.79 ng

RT: 12.53 min Scan# 992

Delta R.T. 0.02 min

Lab File: BF078723.D

Acq: 22 Apr 2015 19:02

Instrument :

BNA_F

ClientSampleId :

DCW-WW-115A-42115

Tgt Ion: 77 Resp: 8833

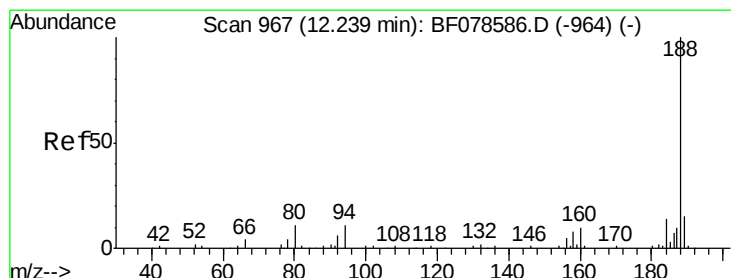
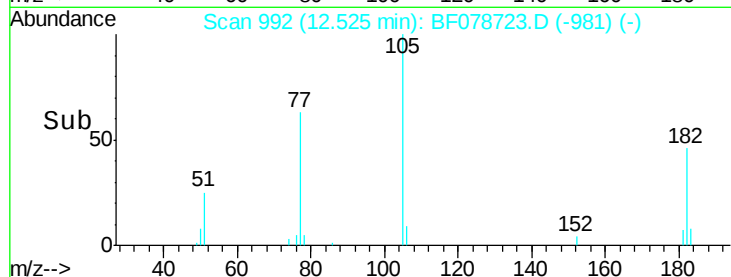
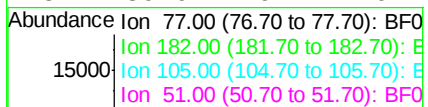
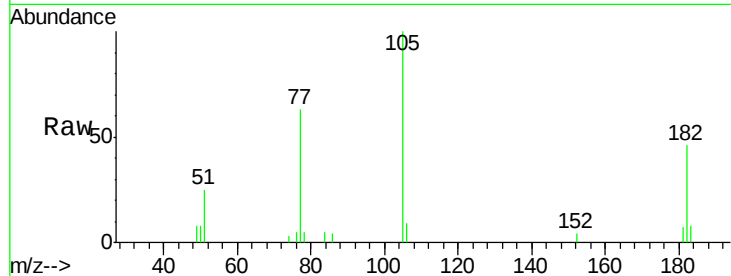
Ion Ratio Lower Upper

77 100

182 73.3 0.0 36.8#

105 158.9 0.3 40.3#

51 39.9 9.1 49.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.86 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF078723.D

Acq: 22 Apr 2015 19:02

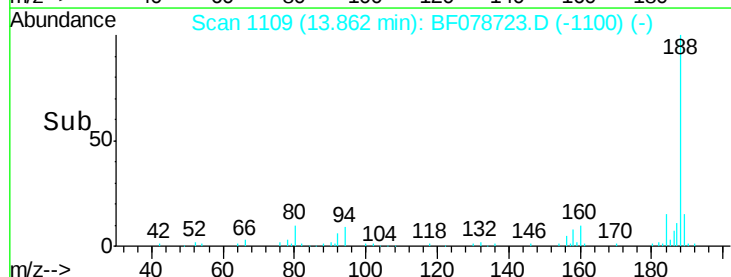
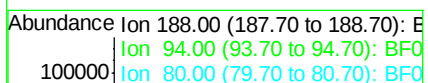
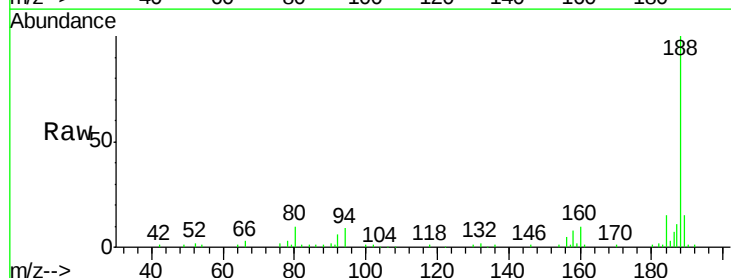
Tgt Ion: 188 Resp: 104604

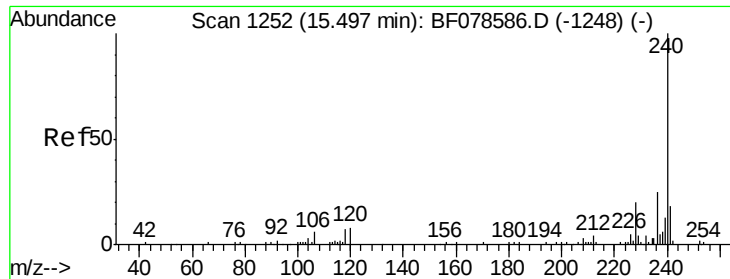
Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

80 10.2 9.5 14.3

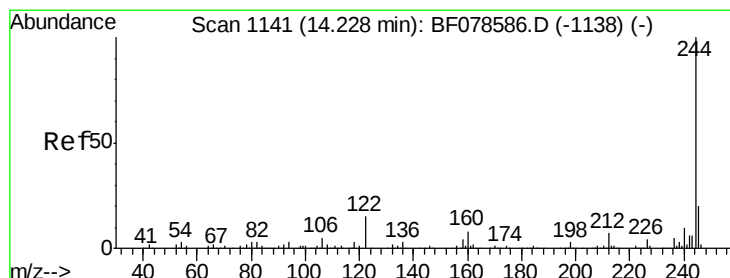
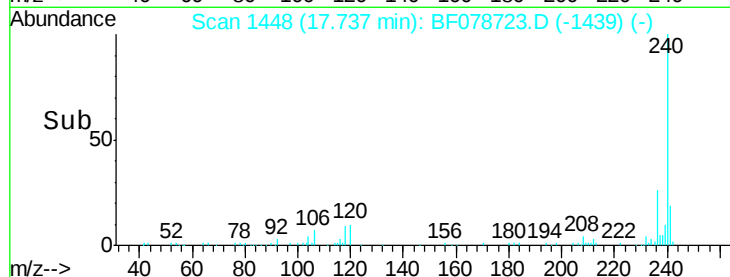
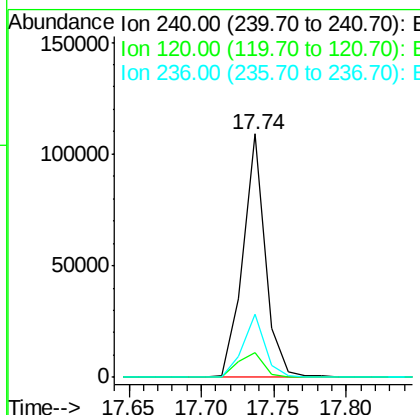
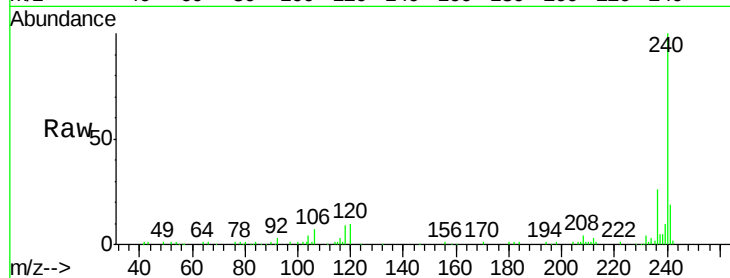




#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.74 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF078723.D
Acq: 22 Apr 2015 19:02

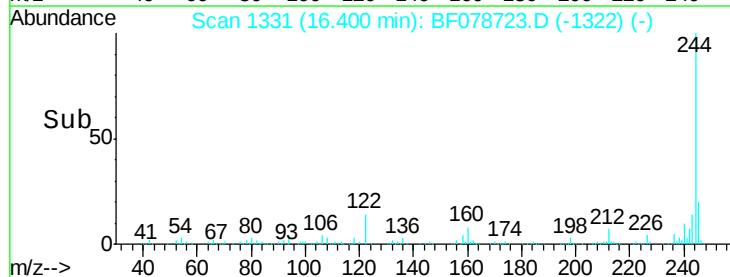
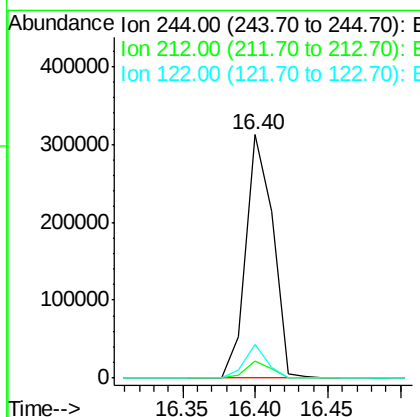
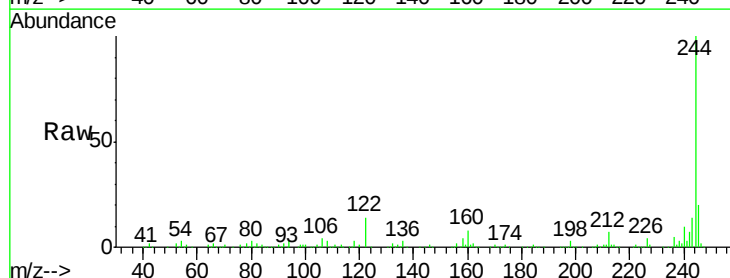
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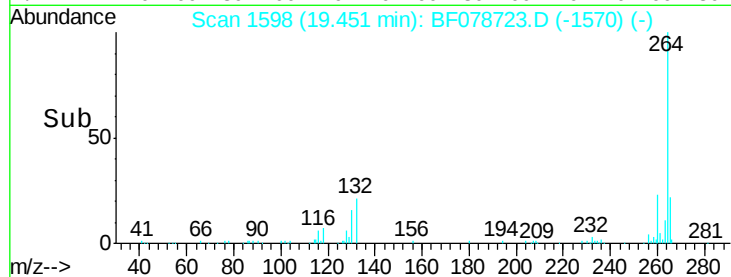
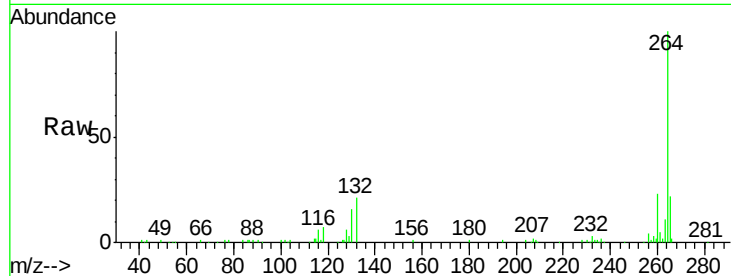
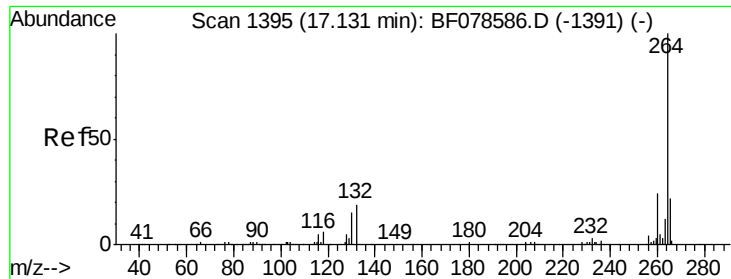
Tgt Ion:240 Resp: 117378
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 26.1 21.4 32.2



#78
Terphenyl-d14
Concen: 77.80 ng
RT: 16.40 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF078723.D
Acq: 22 Apr 2015 19:02

Tgt Ion:244 Resp: 404115
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 13.6 7.1 10.7#





#86

Perylene-d12

Concen: 20.00 ng

RT: 19.45 min Scan# 1598

Delta R.T. 0.02 min

Lab File: BF078723.D

Acq: 22 Apr 2015 19:02

Instrument :

BNA_F

ClientSampleId :

DCW-WW-115A-42115

Tgt Ion:264 Resp: 116436

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.6 17.0 25.6

