

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
 Data File : BF078712.D
 Acq On : 22 Apr 2015 8:12
 Operator : TP/IZ
 Sample : G1950-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-21(2-5)

Quant Time: Apr 22 12:32:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 16:32:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	28863	20.00	ng	-0.05
21) Naphthalene-d8	7.98	136	115787	20.00	ng	-0.05
38) Acenaphthene-d10	11.17	164	57493	20.00	ng	-0.05
63) Phenanthrene-d10	13.90	188	113159	20.00	ng	-0.05
75) Chrysene-d12	17.76	240	127965	20.00	ng	-0.05
86) Perylene-d12	19.46	264	125344	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	211284	120.69	ng	-0.03
7) Phenol-d6	5.32	99	241977	110.30	ng	-0.03
23) Nitrobenzene-d5	6.75	82	181416	94.97	ng	-0.05
41) 2,4,6-Tribromophenol	12.64	330	77234	161.98	ng	-0.05
44) 2-Fluorobiphenyl	9.99	172	390989	97.21	ng	-0.05
78) Terphenyl-d14	16.43	244	481175	84.97	ng	-0.03

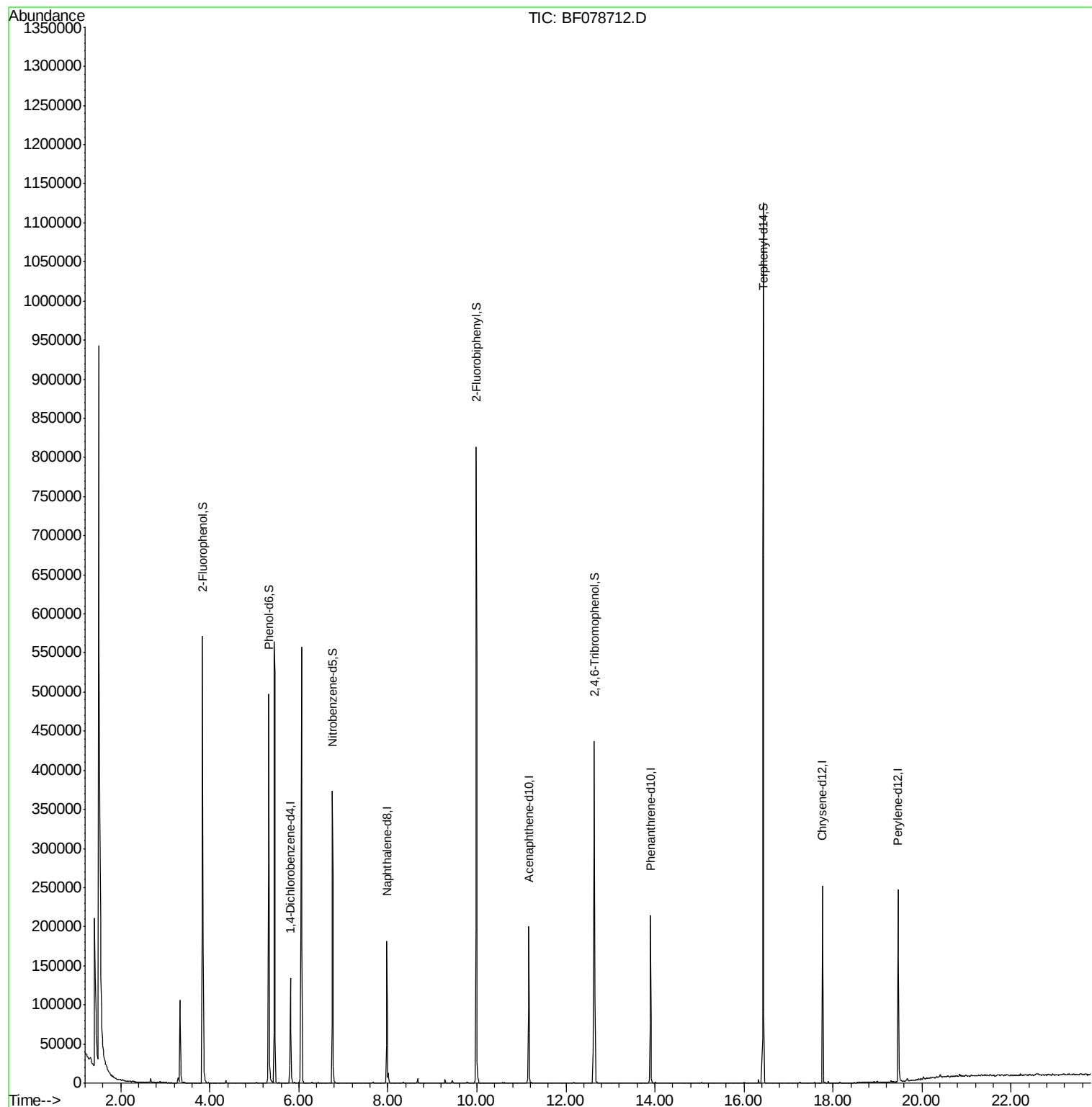
Target Compounds Qvalue

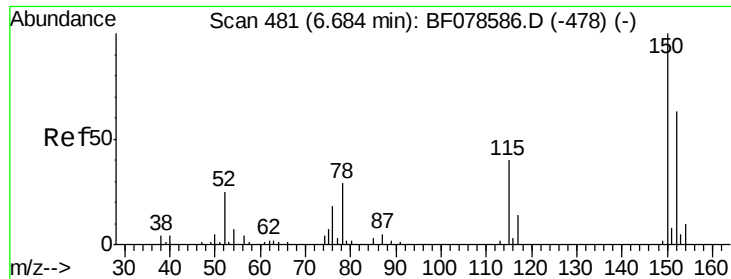
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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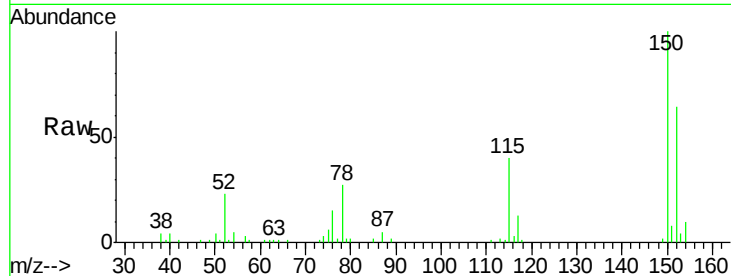




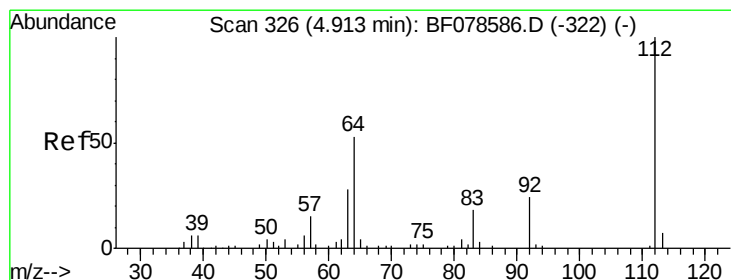
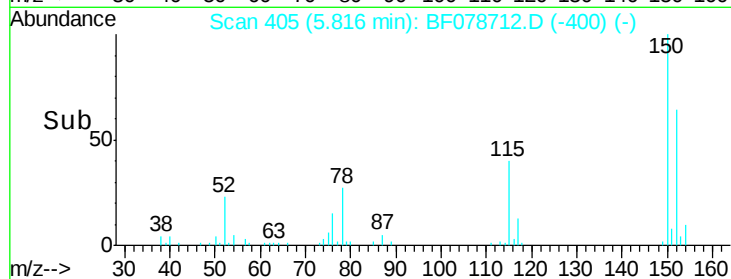
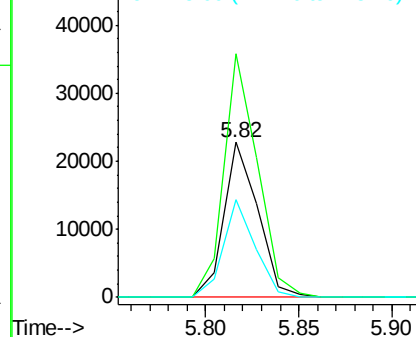
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.82 min Scan# 405
 Delta R.T. -0.05 min
 Lab File: BF078712.D
 Acq: 22 Apr 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 PS-21(2-5)

Tot Ion:152 Resp: 28863
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.9 188.9
 115 63.1 52.7 79.1

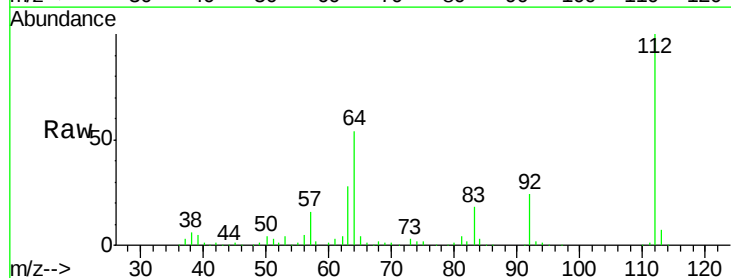


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

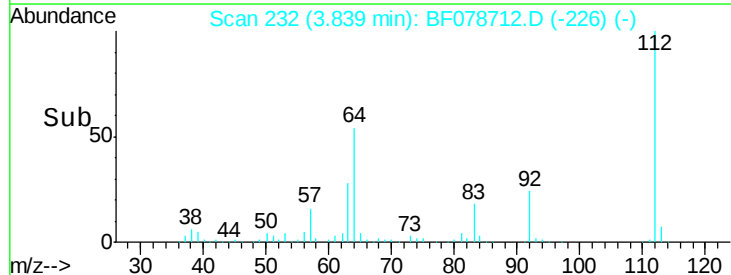
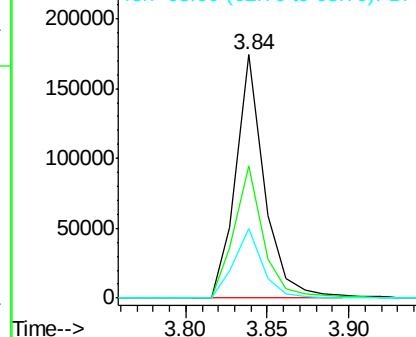


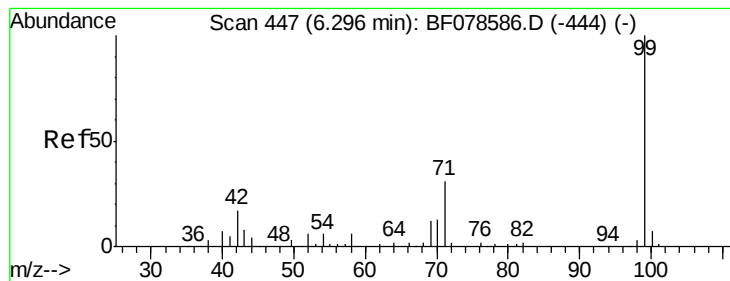
#5
 2-Fluorophenol
 Concen: 120.69 ng
 RT: 3.84 min Scan# 232
 Delta R.T. -0.03 min
 Lab File: BF078712.D
 Acq: 22 Apr 2015 8:12

Tgt Ion:112 Resp: 211284
 Ion Ratio Lower Upper
 112 100
 64 54.3 39.9 59.9
 63 28.3 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: 110.30 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.03 min

Lab File: BF078712.D

Acq: 22 Apr 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-21(2-5)

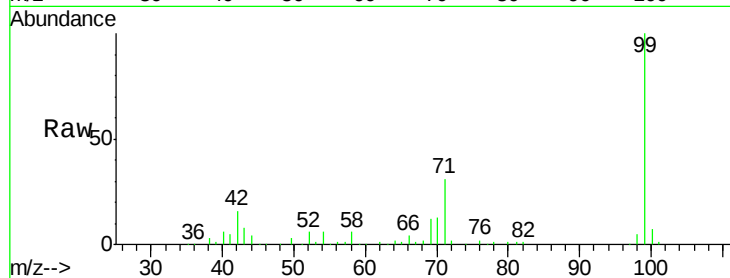
Tot Ion: 99 Resp: 241977

Ion Ratio Lower Upper

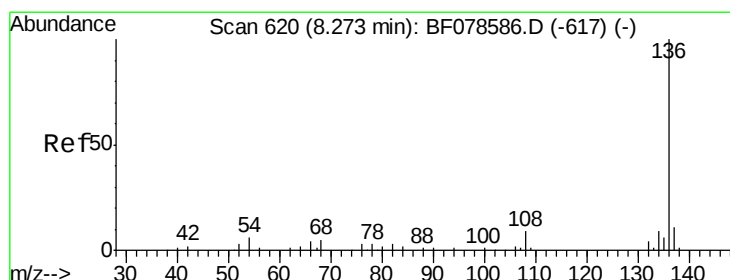
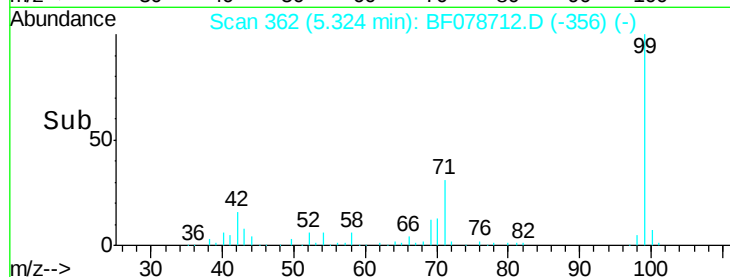
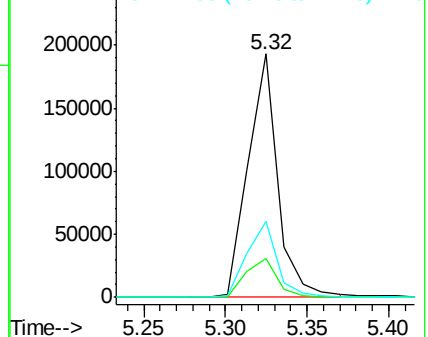
99 100

42 15.9 14.8 22.2

71 31.2 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: 7.98 min Scan# 594

Delta R.T. -0.05 min

Lab File: BF078712.D

Acq: 22 Apr 2015 8:12

Tgt Ion: 136 Resp: 115787

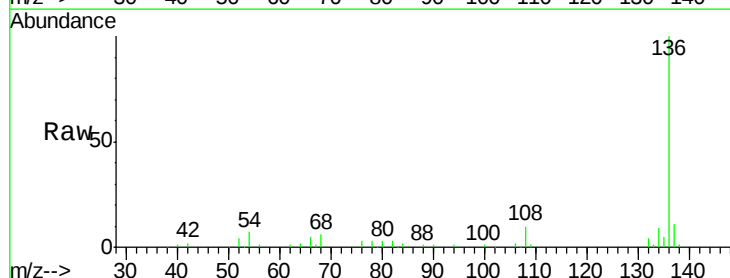
Ion Ratio Lower Upper

136 100

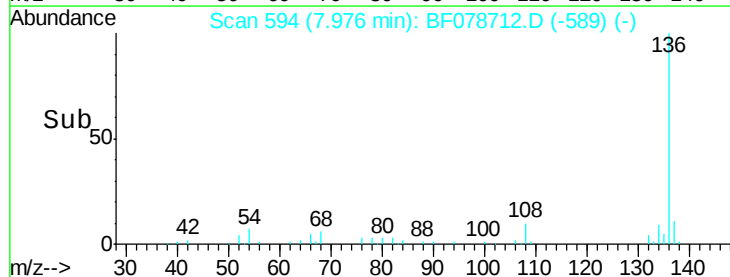
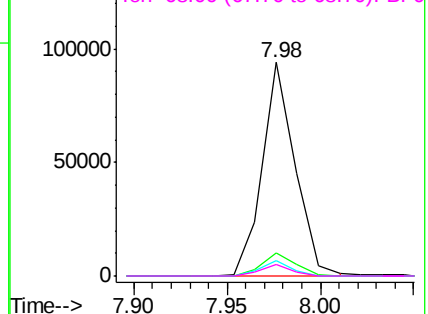
137 10.5 9.0 13.4

54 7.5 7.0 10.6

68 5.5 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: 94.97 ng

RT: 6.75 min Scan# 487

Delta R.T. -0.05 min

Lab File: BF078712.D

Acq: 22 Apr 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-21(2-5)

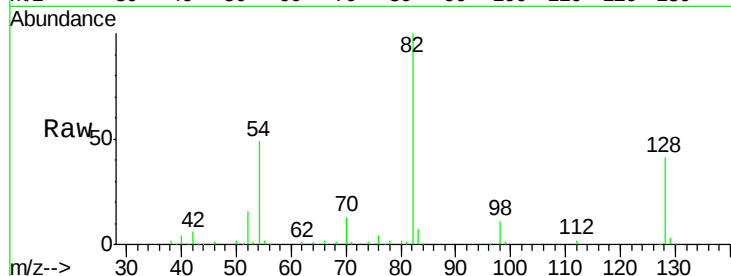
Tot Ion: 82 Resp: 181416

Ion Ratio Lower Upper

82 100

128 41.3 31.8 47.8

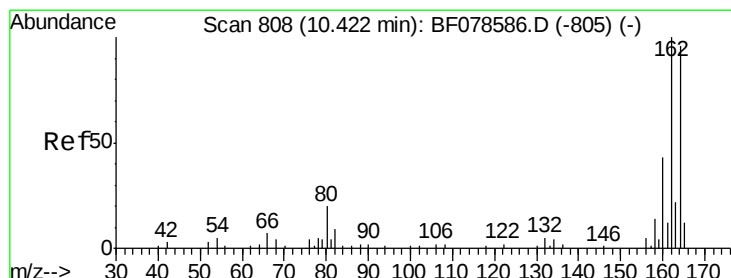
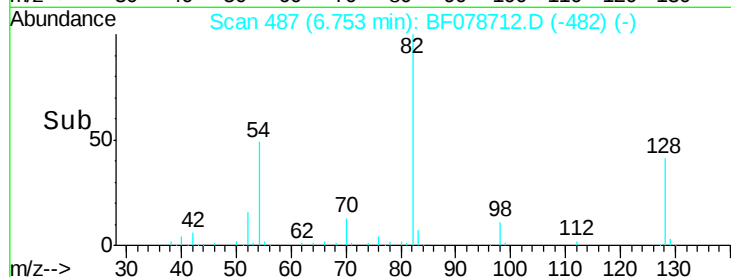
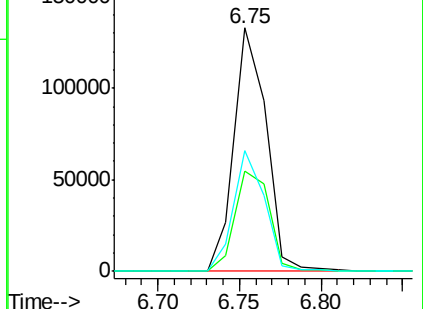
54 49.4 41.5 62.3



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: 11.17 min Scan# 873

Delta R.T. -0.05 min

Lab File: BF078712.D

Acq: 22 Apr 2015 8:12

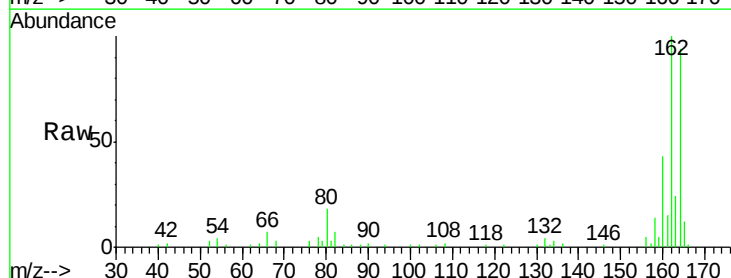
Tgt Ion: 164 Resp: 57493

Ion Ratio Lower Upper

164 100

162 106.2 82.2 123.2

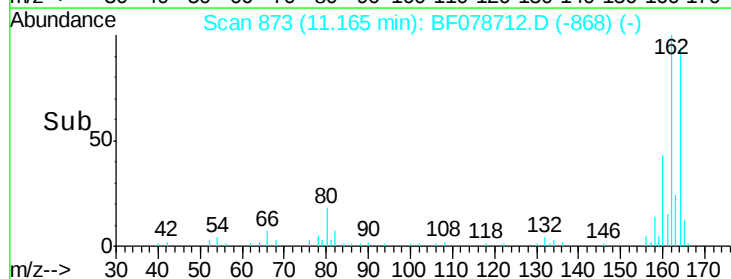
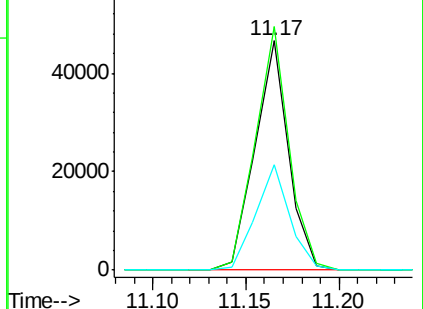
160 46.1 34.7 52.1



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

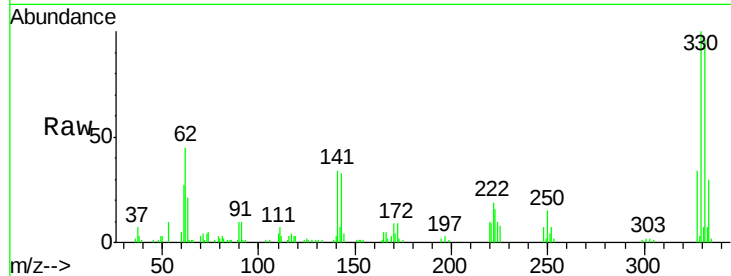




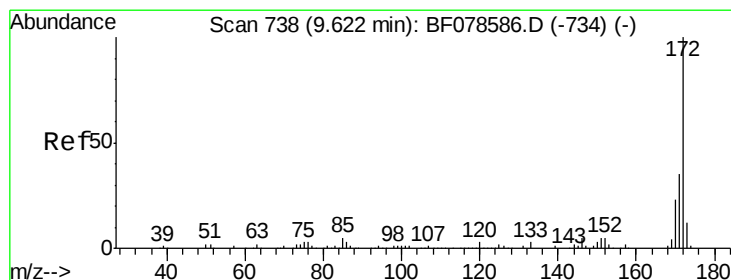
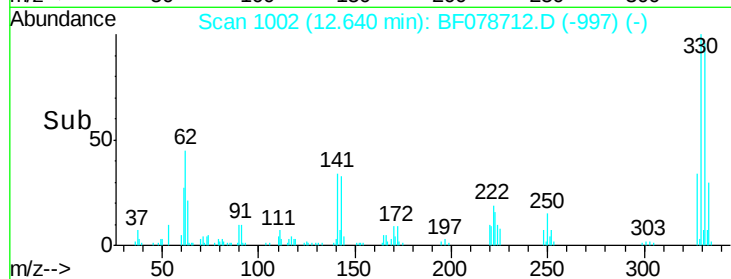
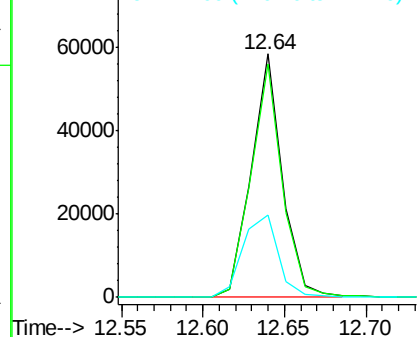
#41
 2,4,6-Tribromophenol
 Concen: 161.98 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.05 min
 Lab File: BF078712.D
 Acq: 22 Apr 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 PS-21(2-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.6	117.8
141	38.9	31.2	46.8

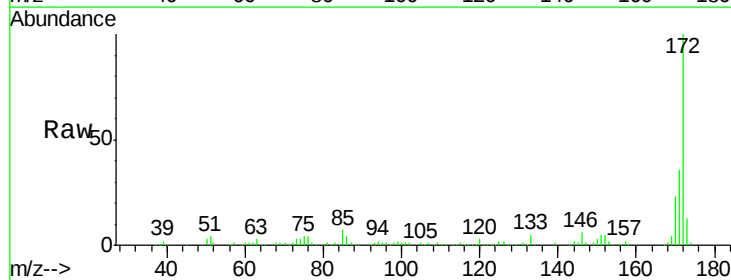


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

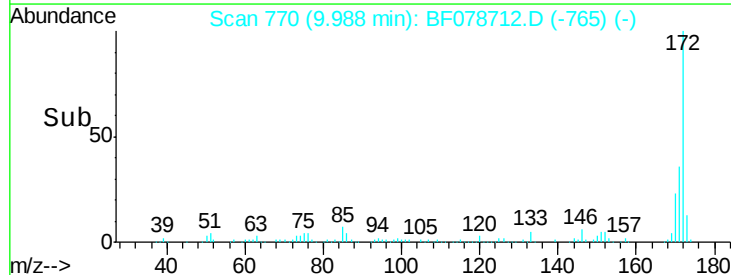
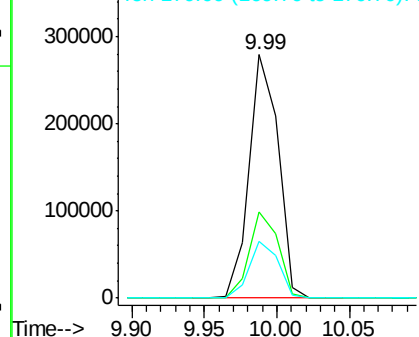


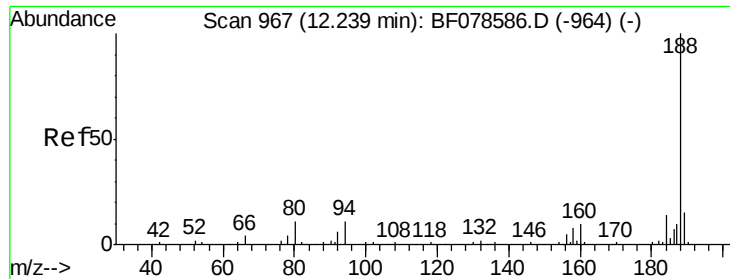
#44
 2-Fluorobiphenyl
 Concen: 97.21 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF078712.D
 Acq: 22 Apr 2015 8:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.3	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

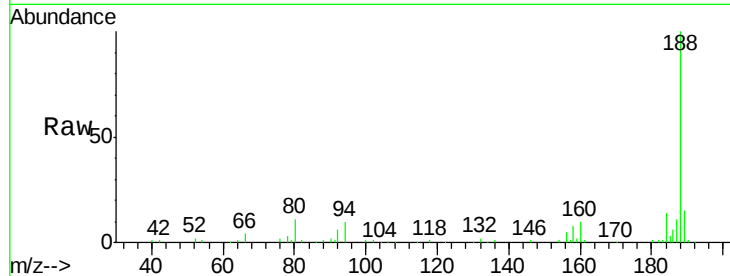




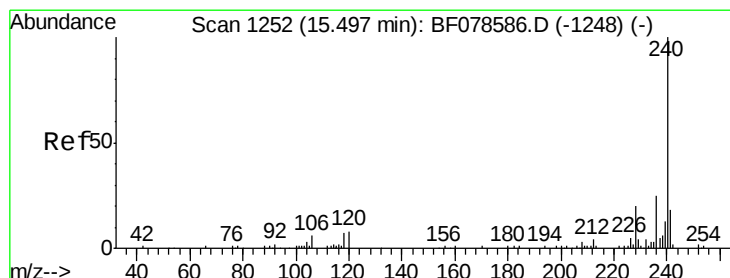
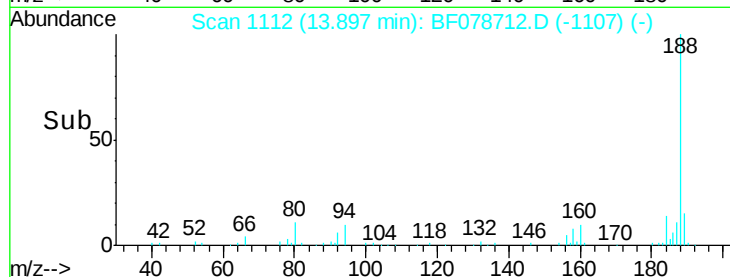
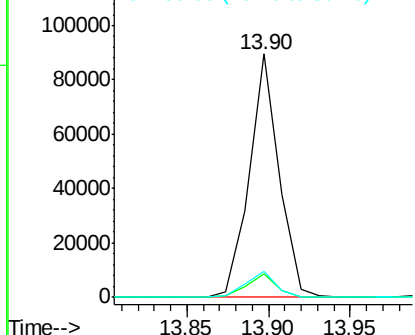
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BF078712.D
Acq: 22 Apr 2015 8:12

Instrument :
BNA_F
ClientSampleId :
PS-21(2-5)

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.0	13.4
80	10.9	9.5	14.3

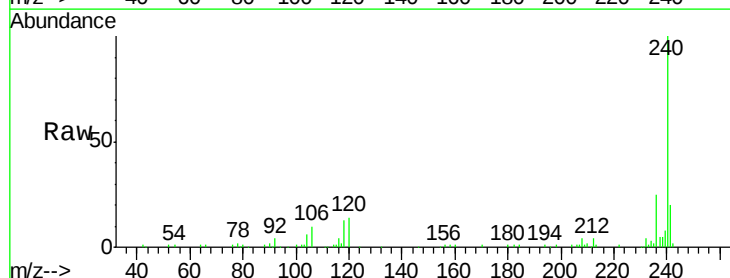


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

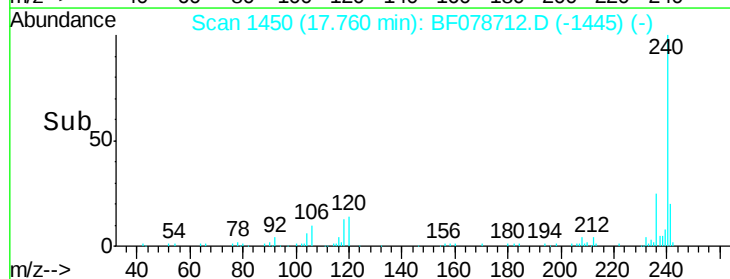
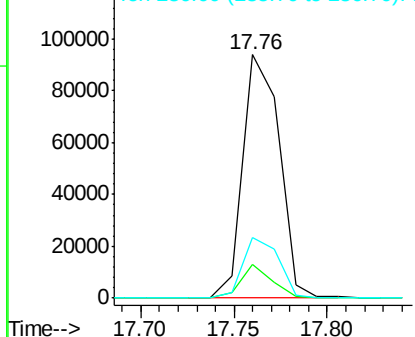


#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.05 min
Lab File: BF078712.D
Acq: 22 Apr 2015 8:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	7.1	10.7#
236	25.0	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: 84.97 ng

RT: 16.43 min Scan# 1334

Delta R.T. -0.03 min

Lab File: BF078712.D

Acq: 22 Apr 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-21(2-5)

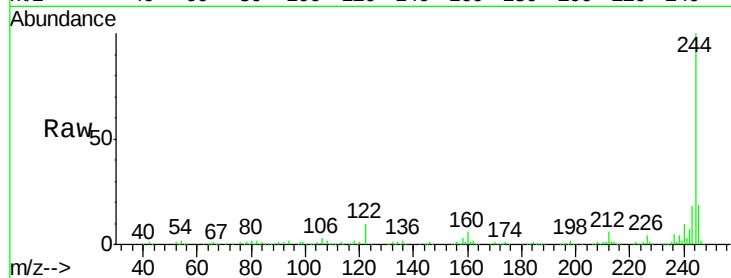
Tot Ion:244 Resp: 481175

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

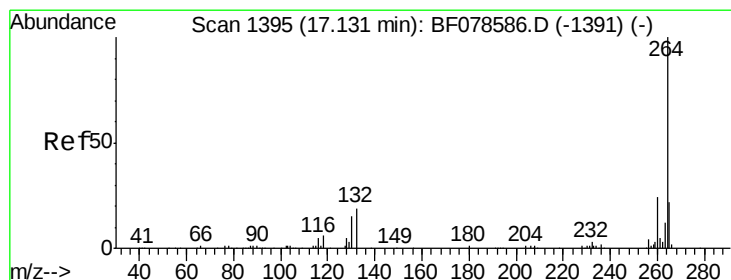
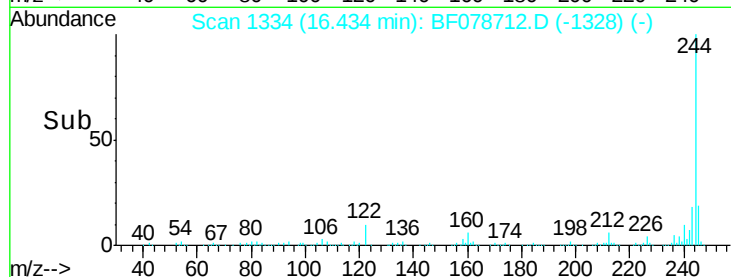
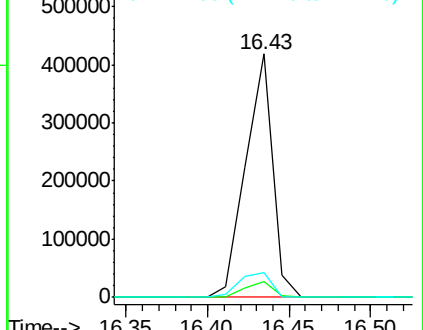
122 10.2 7.1 10.7



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 19.46 min Scan# 1599

Delta R.T. -0.07 min

Lab File: BF078712.D

Acq: 22 Apr 2015 8:12

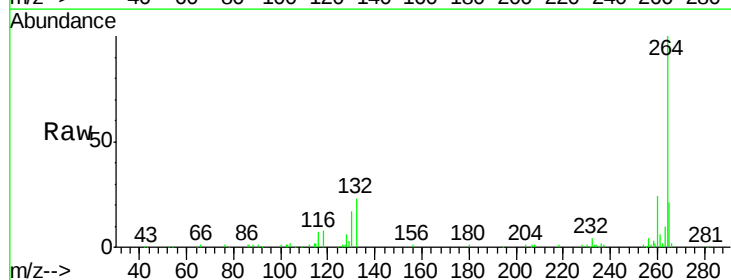
Tgt Ion:264 Resp: 125344

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 20.9 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

