

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
 Data File : BF078713.D
 Acq On : 22 Apr 2015 8:43
 Operator : TP/IZ
 Sample : G1950-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-22(5-10)

Quant Time: Apr 22 12:36:15 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	29321	20.00	ng	-0.05
21) Naphthalene-d8	7.98	136	116246	20.00	ng	-0.05
38) Acenaphthene-d10	11.16	164	59152	20.00	ng	-0.05
63) Phenanthrene-d10	13.90	188	117199	20.00	ng	-0.05
75) Chrysene-d12	17.76	240	126868	20.00	ng	-0.05
86) Perylene-d12	19.47	264	129405	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	223704	125.79	ng	-0.03
7) Phenol-d6	5.32	99	255585	114.68	ng	-0.03
23) Nitrobenzene-d5	6.75	82	187835	97.94	ng	-0.05
41) 2,4,6-Tribromophenol	12.64	330	79851	162.77	ng	-0.05
44) 2-Fluorobiphenyl	9.99	172	407571	98.49	ng	-0.05
78) Terphenyl-d14	16.43	244	488370	86.98	ng	-0.03

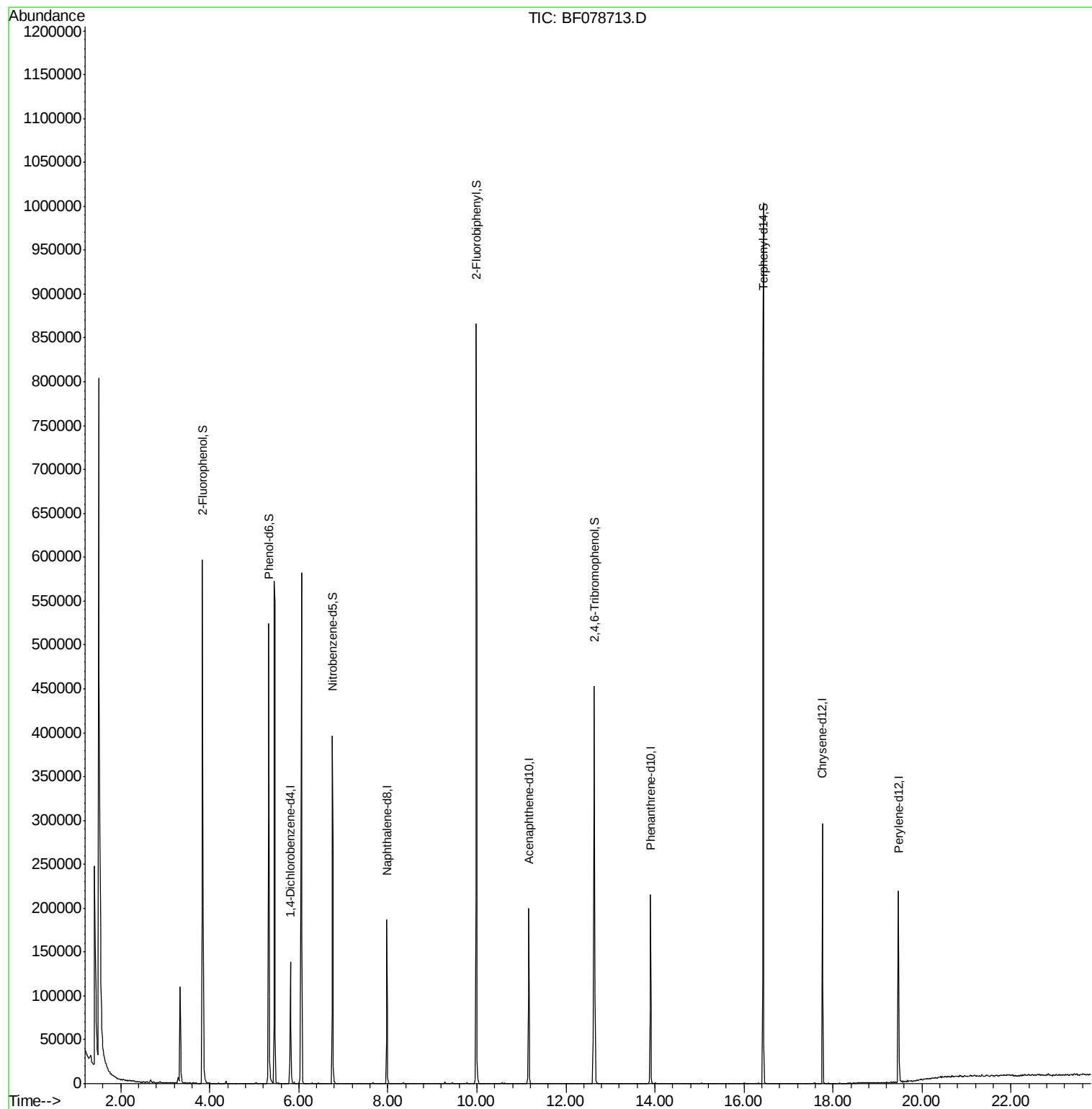
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
Data File : BF078713.D
Acq On : 22 Apr 2015 8:43
Operator : TP/IZ
Sample : G1950-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-22(5-10)

Quant Time: Apr 22 12:36:15 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.82 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF078713.D

Acq: 22 Apr 2015 8:43

Instrument :

BNA_F

ClientSampleId :

PS-22(5-10)

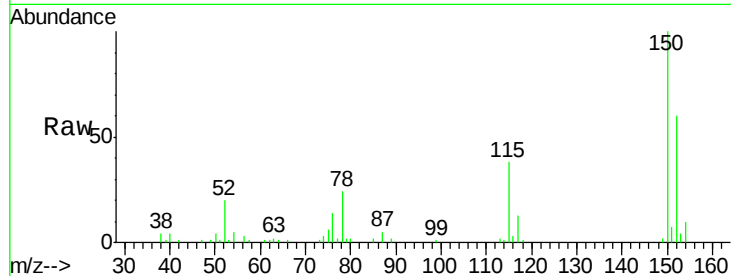
Tot Ion:152 Resp: 29321

Ion Ratio Lower Upper

152 100

150 165.3 125.9 188.9

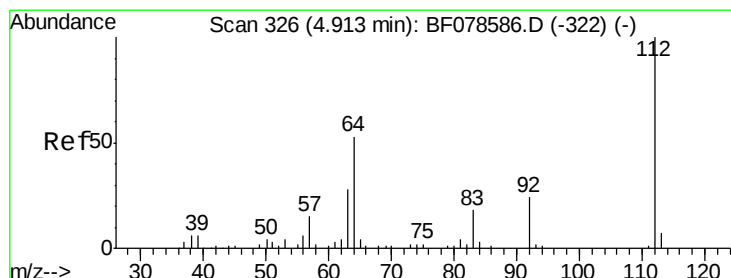
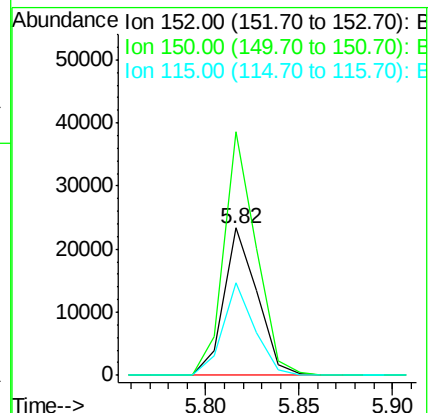
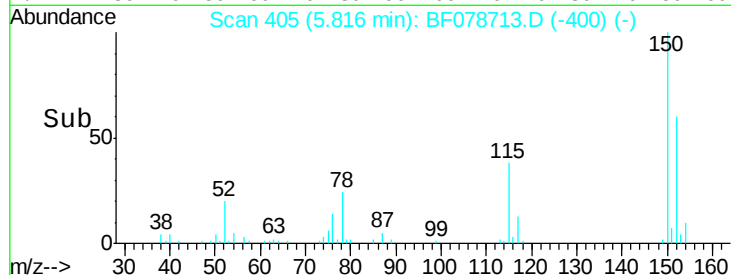
115 63.2 52.7 79.1



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



#5

2-Fluorophenol

Concen: 125.79 ng

RT: 3.84 min Scan# 232

Delta R.T. -0.03 min

Lab File: BF078713.D

Acq: 22 Apr 2015 8:43

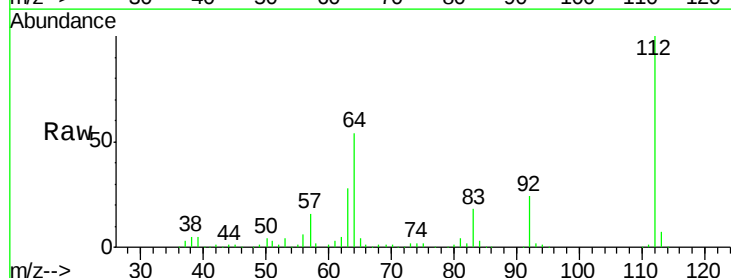
Tgt Ion:112 Resp: 223704

Ion Ratio Lower Upper

112 100

64 54.1 39.9 59.9

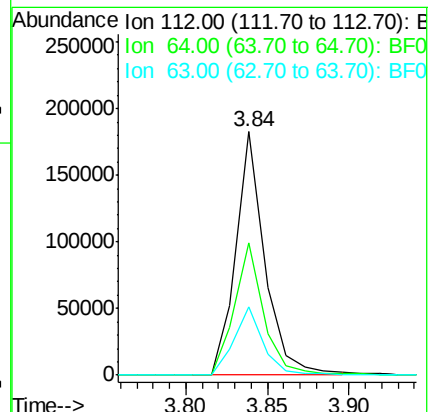
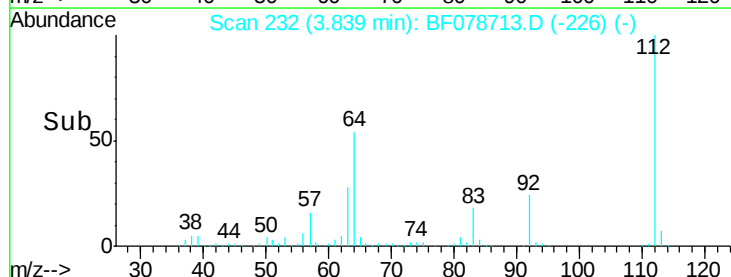
63 28.1 20.2 30.4

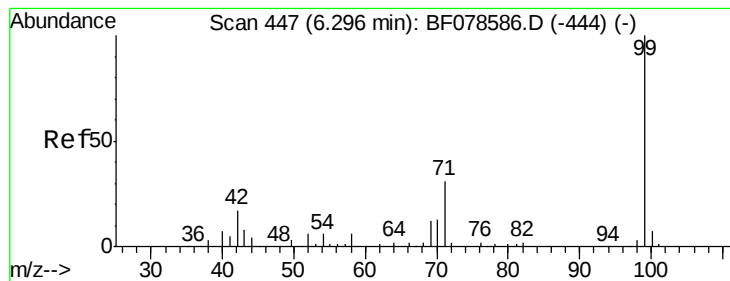


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.68 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.03 min

Lab File: BF078713.D

Acq: 22 Apr 2015 8:43

Instrument :

BNA_F

ClientSampleId :

PS-22(5-10)

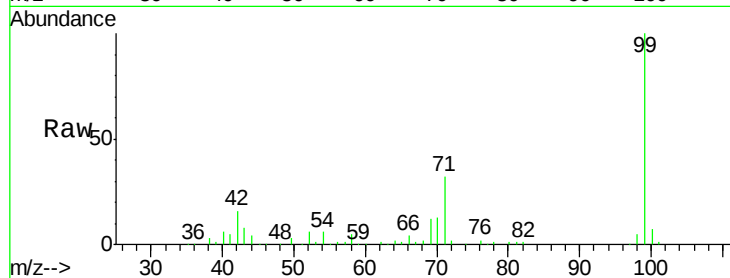
Tot Ion: 99 Resp: 255585

Ion Ratio Lower Upper

99 100

42 16.0 14.8 22.2

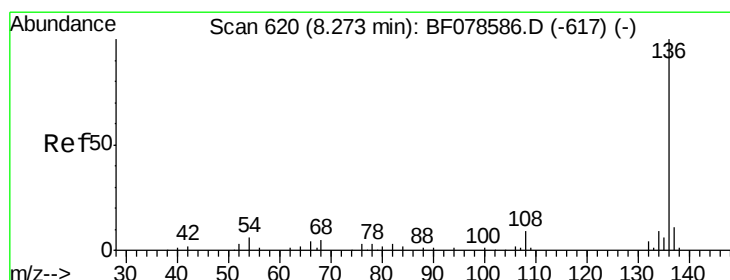
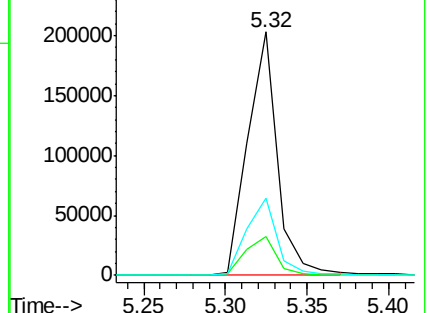
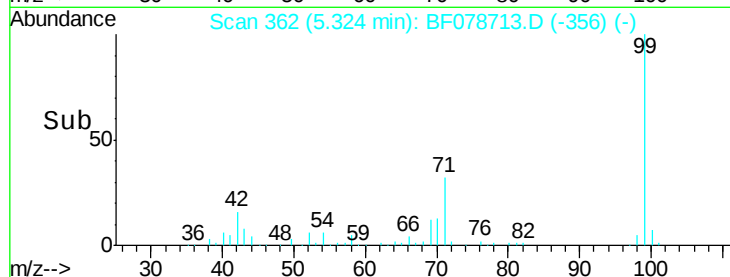
71 31.6 26.6 39.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.05 min

Lab File: BF078713.D

Acq: 22 Apr 2015 8:43

Tgt Ion: 136 Resp: 116246

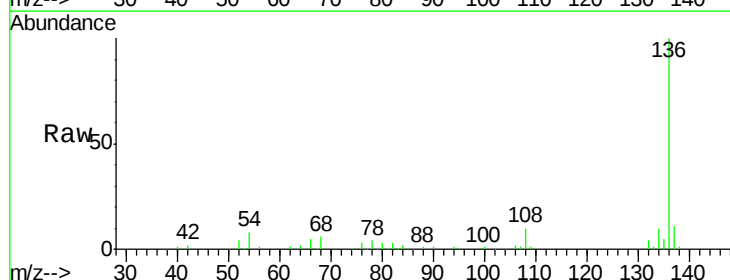
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.8 7.0 10.6

68 6.0 5.4 8.2

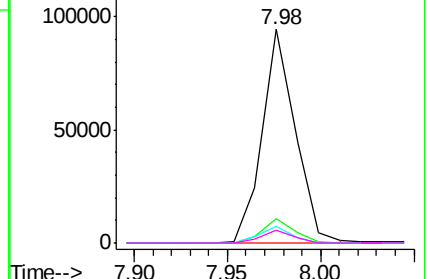
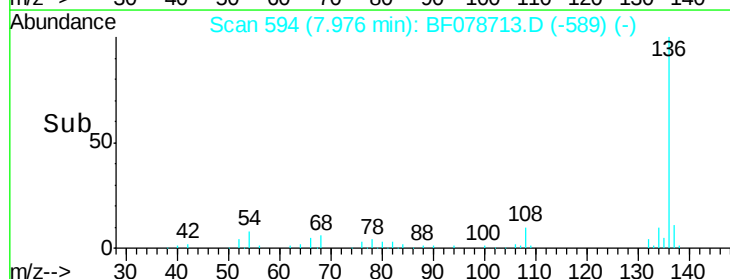


Abundance Ion 136.00 (135.70 to 136.70): E

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

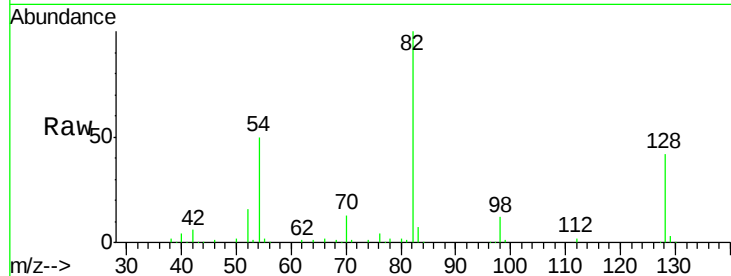




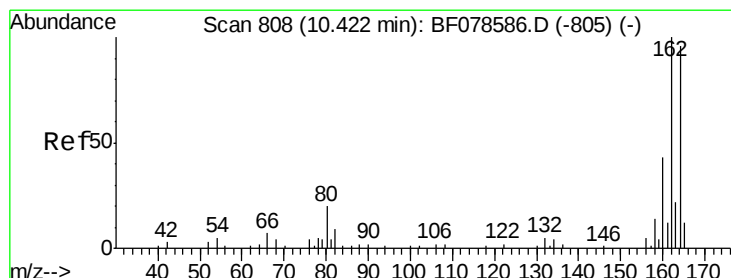
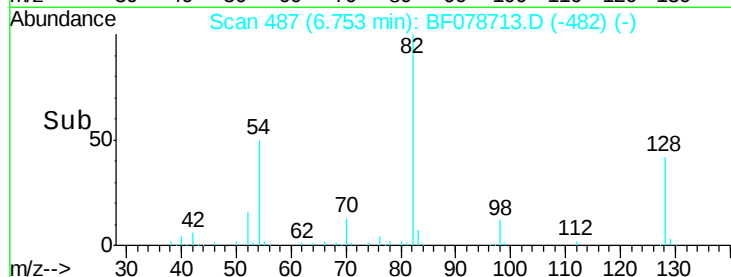
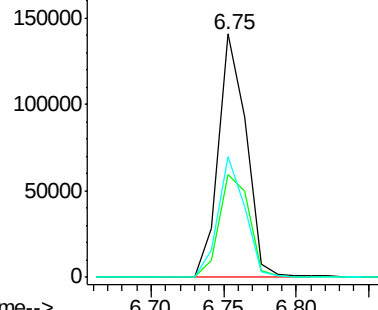
#23
 Nitrobenzene-d5
 Concen: 97.94 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.05 min
 Lab File: BF078713.D
 Acq: 22 Apr 2015 8:43

Instrument :
 BNA_F
 ClientSampleId :
 PS-22(5-10)

Tot Ion	82	Resp	187835
Ion Ratio	100	Lower	Upper
128	42.1	31.8	47.8
54	49.8	41.5	62.3

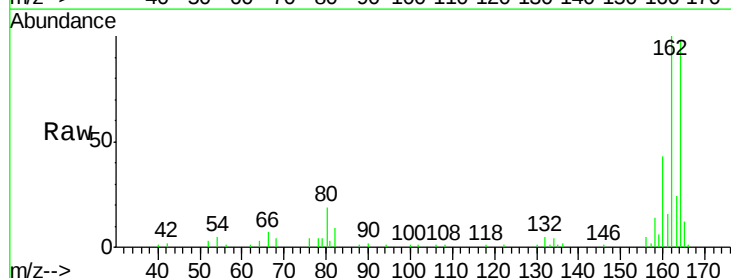


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

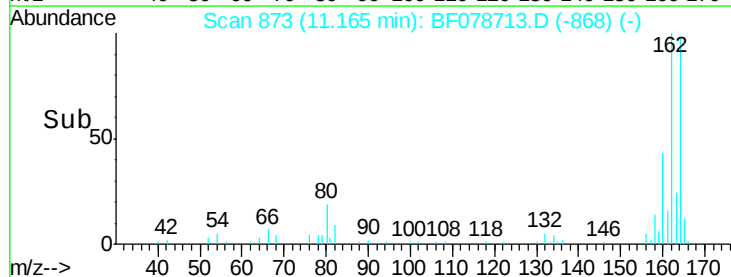
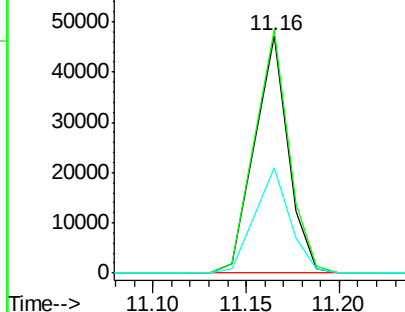


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF078713.D
 Acq: 22 Apr 2015 8:43

Tgt Ion	164	Resp	59152
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.5	82.2	123.2
160	44.3	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

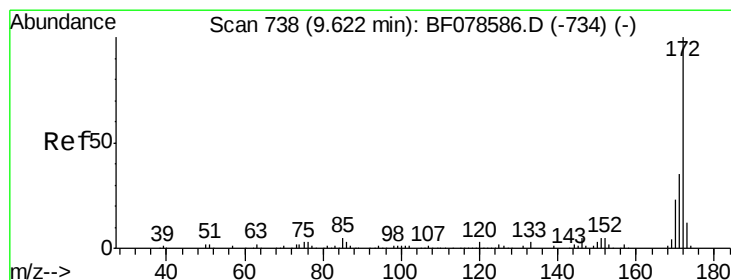
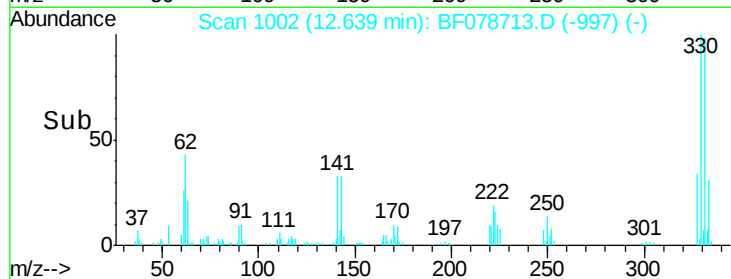
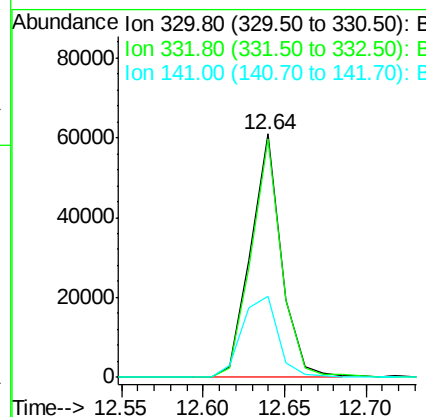
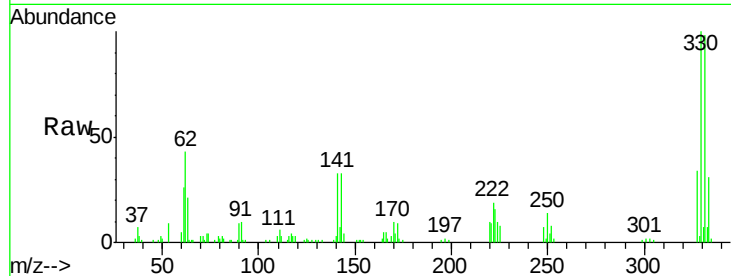




#41
 2,4,6-Tribromophenol
 Concen: 162.77 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.05 min
 Lab File: BF078713.D
 Acq: 22 Apr 2015 8:43

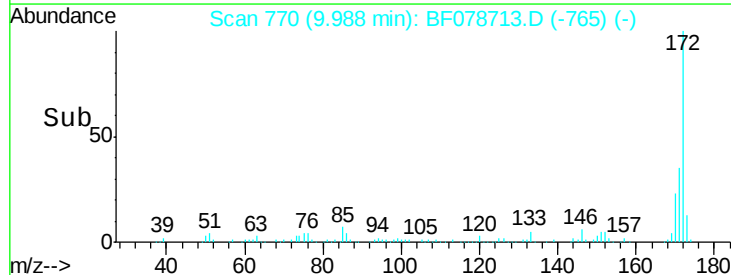
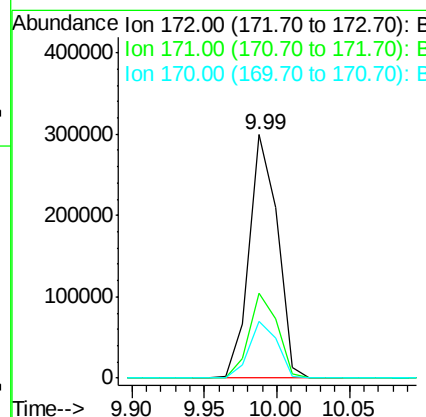
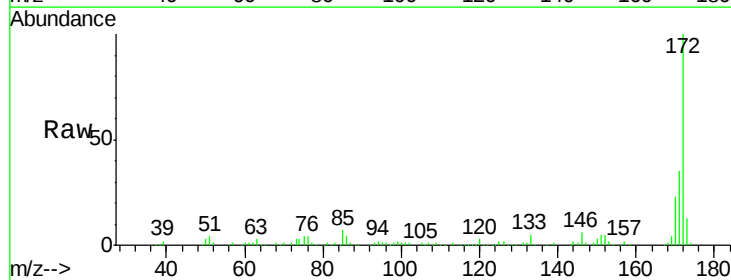
Instrument :
 BNA_F
 ClientSampleId :
 PS-22(5-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.6	117.8
141	39.0	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 98.49 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF078713.D
 Acq: 22 Apr 2015 8:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.2	18.5	27.7

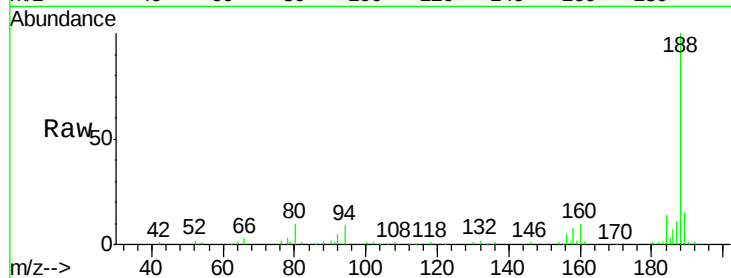




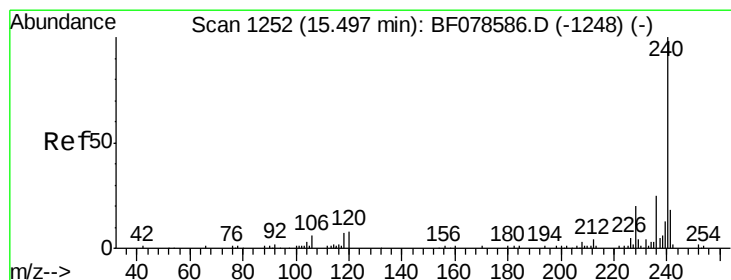
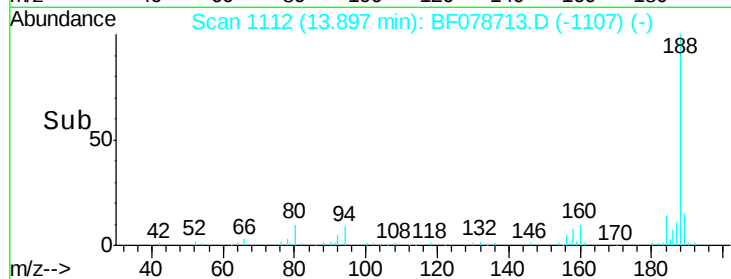
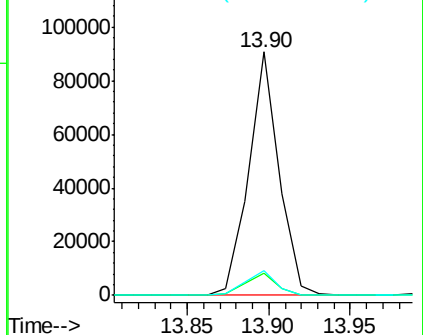
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BF078713.D
Acq: 22 Apr 2015 8:43

Instrument :
BNA_F
ClientSampleId :
PS-22(5-10)

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	10.4	9.5	14.3

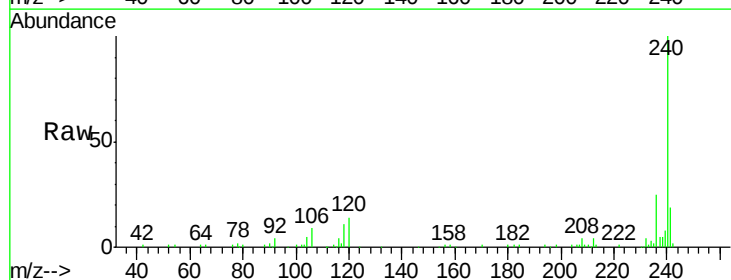


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

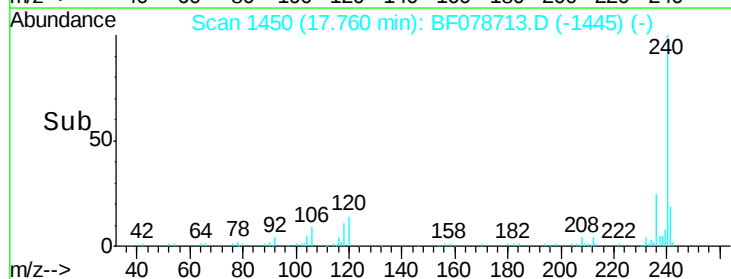
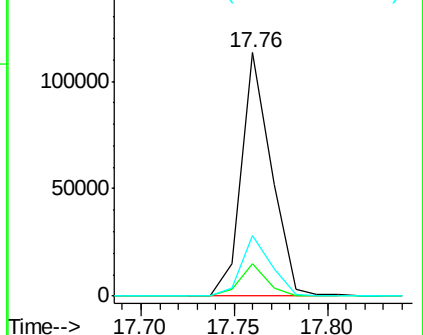


#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.05 min
Lab File: BF078713.D
Acq: 22 Apr 2015 8:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	7.1	10.7#
236	24.9	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

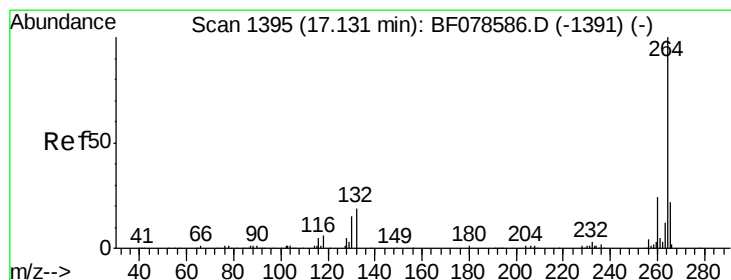
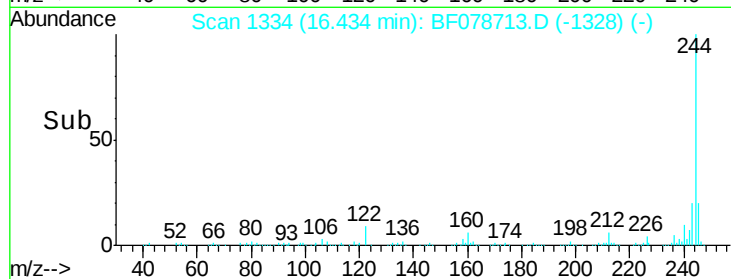
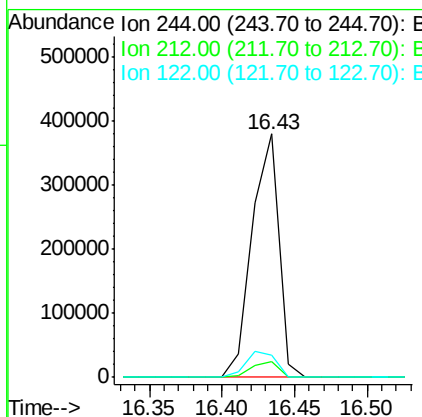
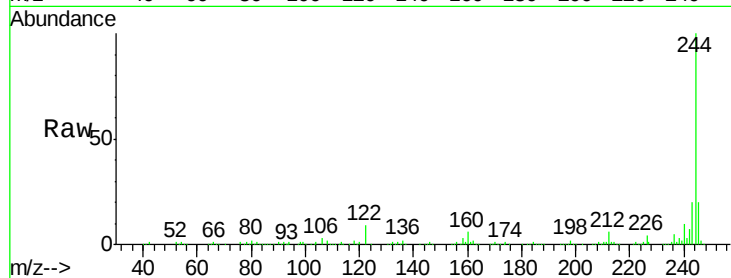




#78
 Terphenyl-d14
 Concen: 86.98 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. -0.03 min
 Lab File: BF078713.D
 Acq: 22 Apr 2015 8:43

Instrument :
 BNA_F
 ClientSampleId :
 PS-22(5-10)

Tot Ion:244 Resp: 488370
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 8.9 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.47 min Scan# 1600
 Delta R.T. -0.06 min
 Lab File: BF078713.D
 Acq: 22 Apr 2015 8:43

Tgt Ion:264 Resp: 129405
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 20.6 17.0 25.6

