

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
 Data File : BF078711.D
 Acq On : 22 Apr 2015 7:41
 Operator : TP/IZ
 Sample : G1950-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-20(5-10)

Quant Time: Apr 22 08:33:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 07:20:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	29754	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	121574	20.00	ng	-0.01
38) Acenaphthene-d10	11.16	164	59129	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	117653	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	126435	20.00	ng	0.00
86) Perylene-d12	19.49	264	130738	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	219003	121.36	ng	0.00
7) Phenol-d6	5.32	99	252890	111.82	ng	0.00
23) Nitrobenzene-d5	6.75	82	187675	93.57	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	77332	157.69	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	396836	95.93	ng	-0.01
78) Terphenyl-d14	16.43	244	471500	84.27	ng	0.00

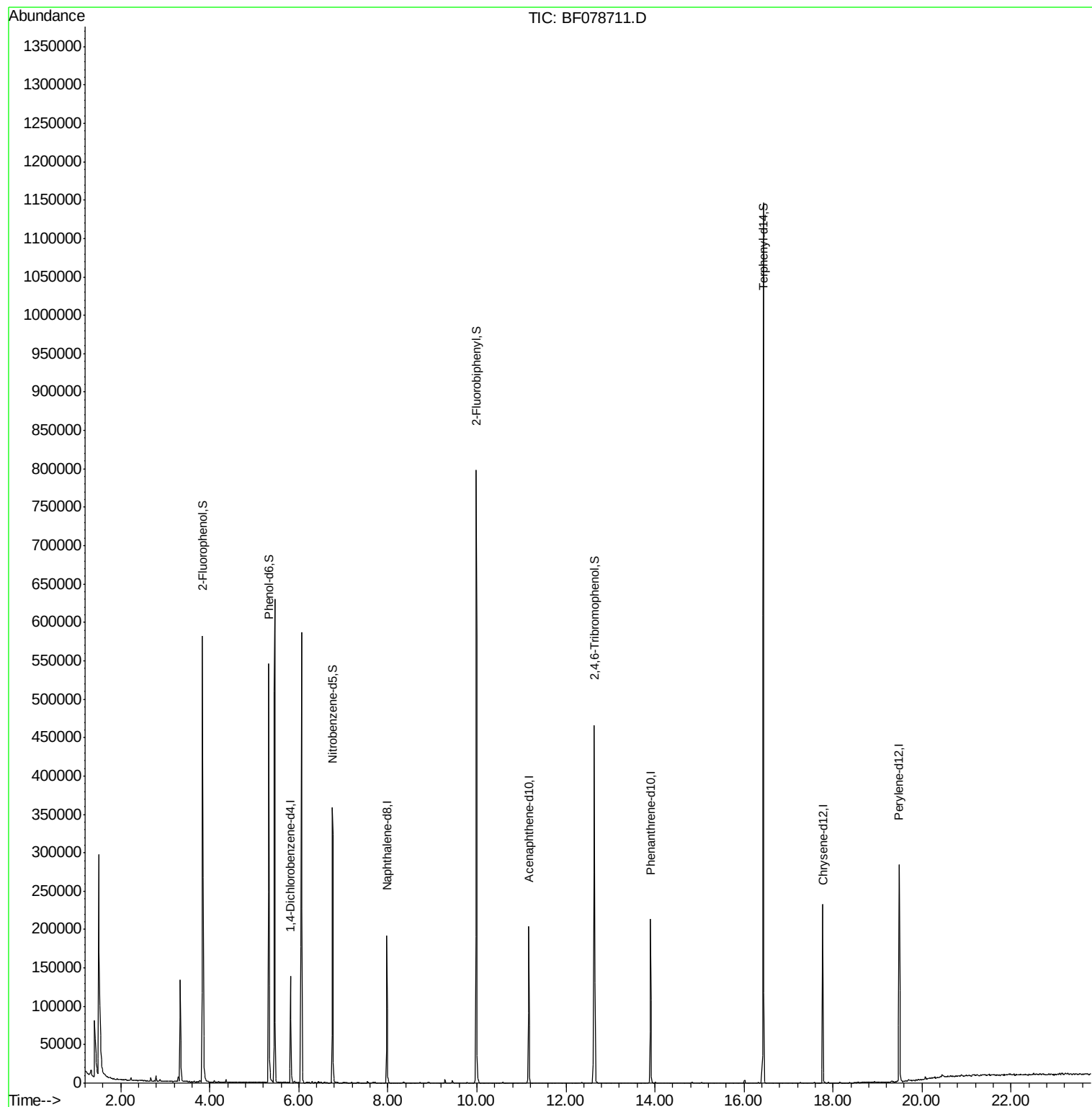
Target Compounds Qvalue

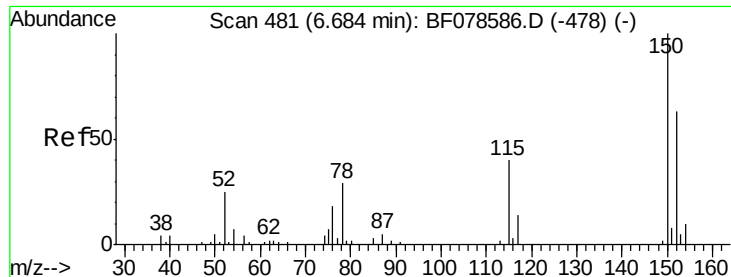
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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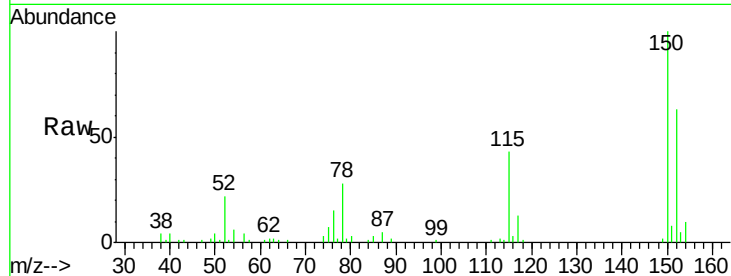


#1

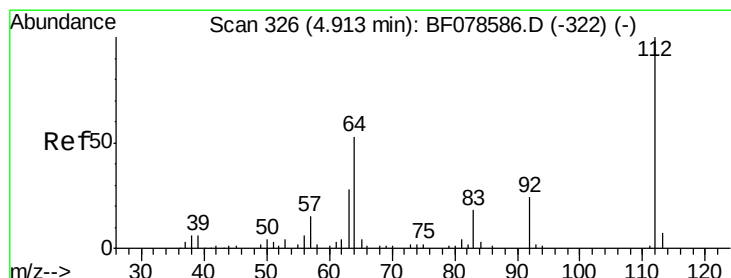
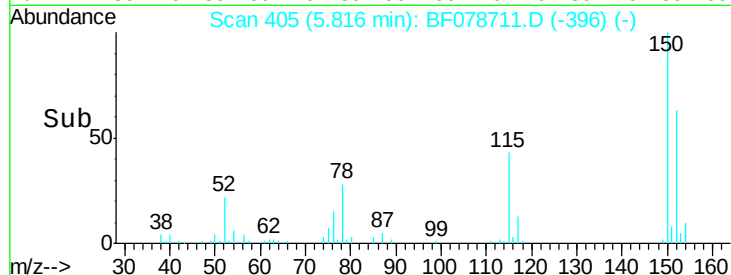
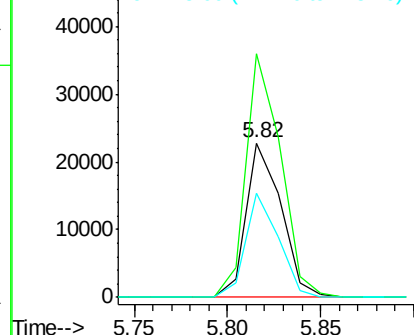
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF078711.D
Acq: 22 Apr 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PS-20(5-10)

Tot Ion:152 Resp: 29754
Ion Ratio Lower Upper
152 100
150 158.1 125.9 188.9
115 67.5 52.7 79.1



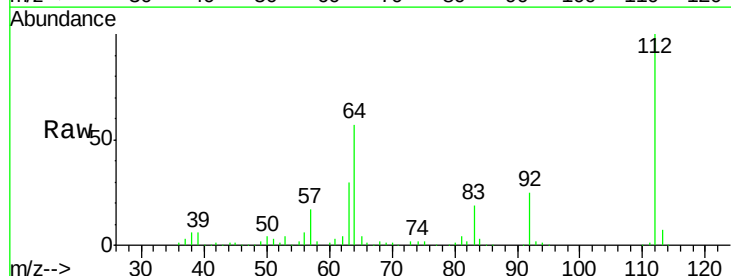
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



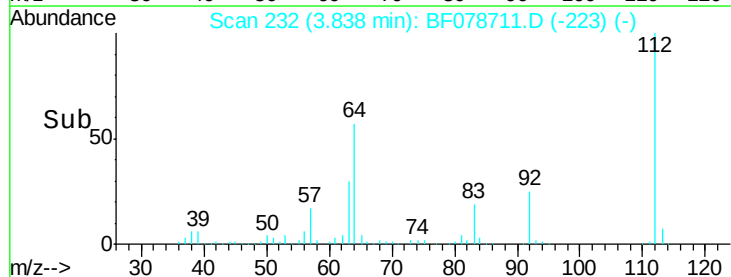
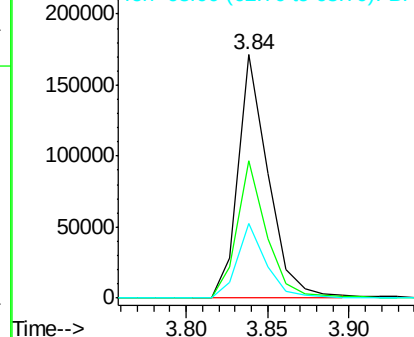
#5

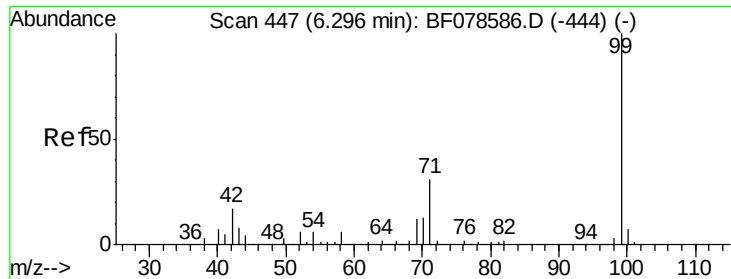
2-Fluorophenol
Concen: 121.36 ng
RT: 3.84 min Scan# 232
Delta R.T. -0.00 min
Lab File: BF078711.D
Acq: 22 Apr 2015 7:41

Tgt Ion:112 Resp: 219003
Ion Ratio Lower Upper
112 100
64 56.7 39.9 59.9
63 30.5 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: 111.82 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.00 min

Lab File: BF078711.D

Acq: 22 Apr 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PS-20(5-10)

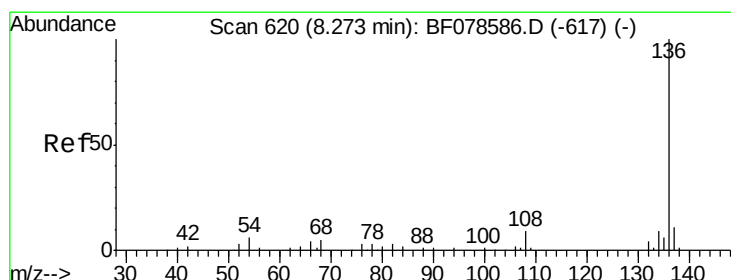
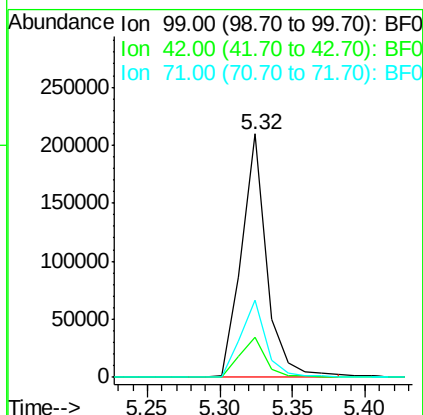
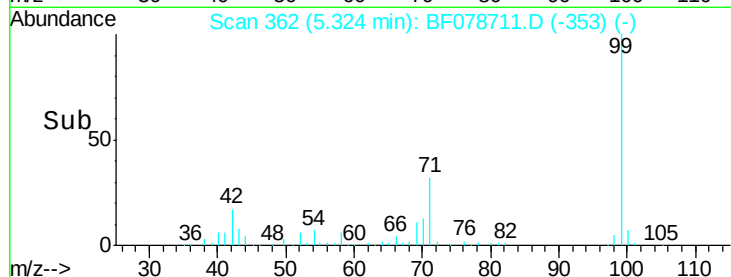
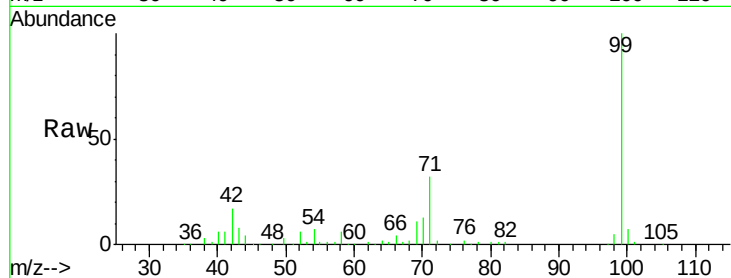
Tot Ion: 99 Resp: 252890

Ion Ratio Lower Upper

99 100

42 16.7 14.8 22.2

71 31.7 26.6 39.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF078711.D

Acq: 22 Apr 2015 7:41

Tgt Ion: 136 Resp: 121574

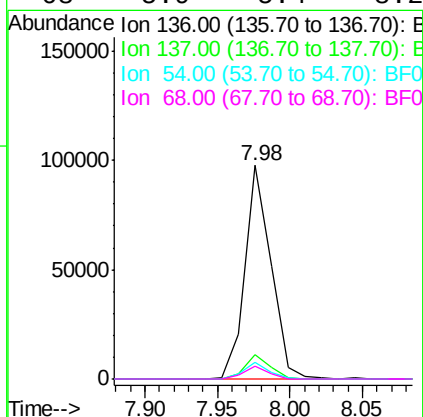
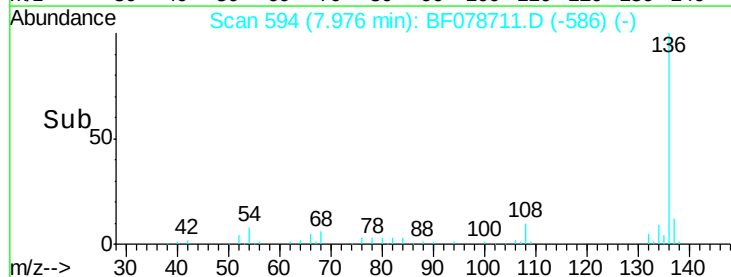
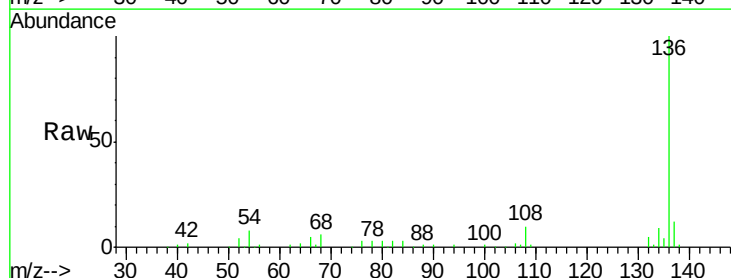
Ion Ratio Lower Upper

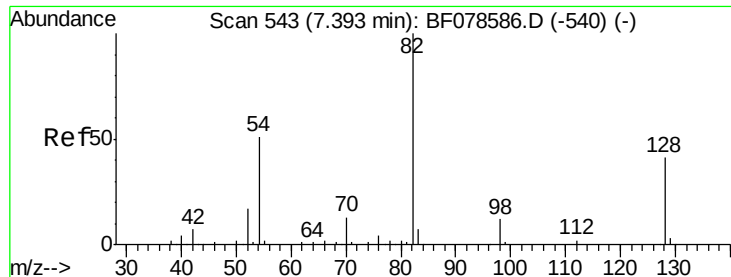
136 100

137 11.6 9.0 13.4

54 7.8 7.0 10.6

68 5.9 5.4 8.2

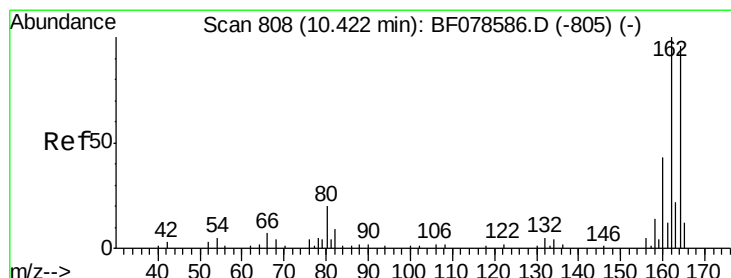
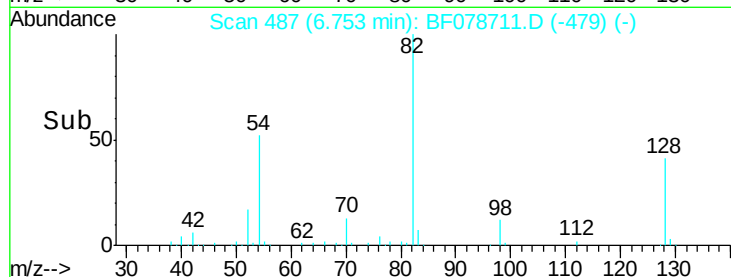
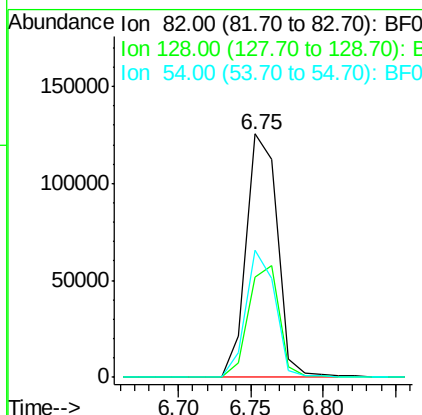
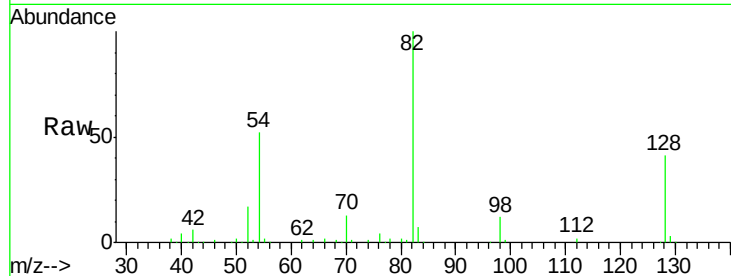




#23
 Nitrobenzene-d5
 Concen: 93.57 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF078711.D
 Acq: 22 Apr 2015 7:41

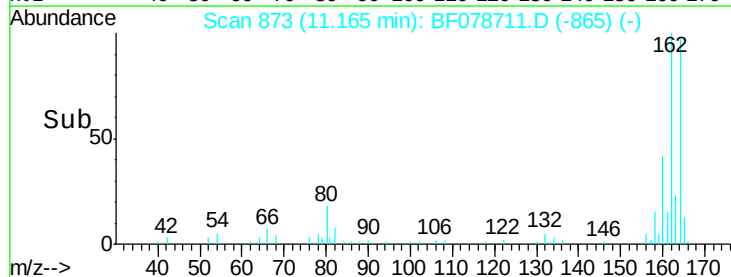
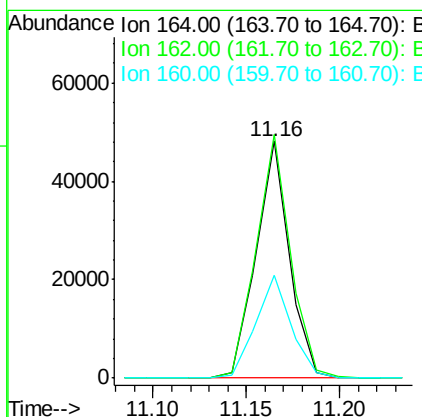
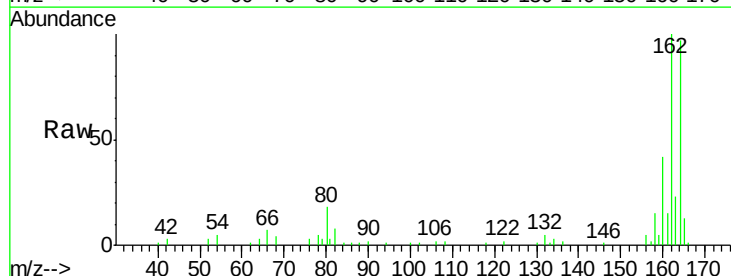
Instrument :
 BNA_F
 ClientSampleId :
 PS-20(5-10)

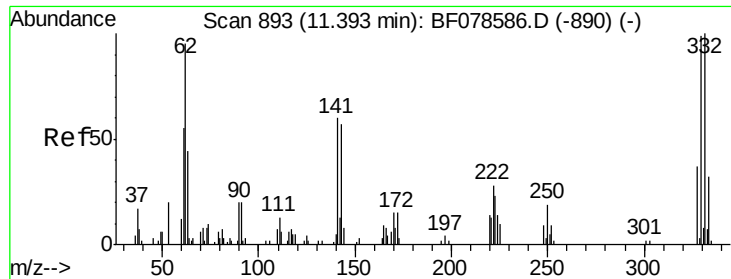
Tot Ion	82	Resp	187675
Ion Ratio	100	Lower	Upper
128	41.2	31.8	47.8
54	52.0	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078711.D
 Acq: 22 Apr 2015 7:41

Tgt Ion	164	Resp	59129
Ion Ratio	100	Lower	Upper
162	102.8	82.2	123.2
160	43.6	34.7	52.1

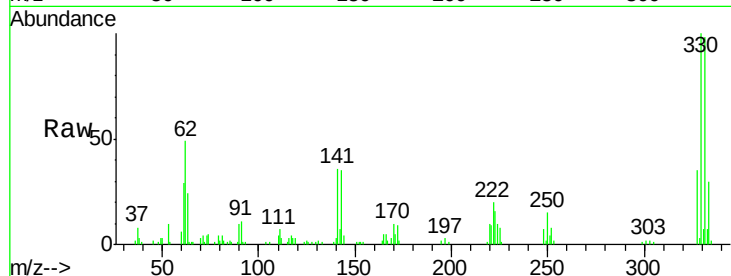




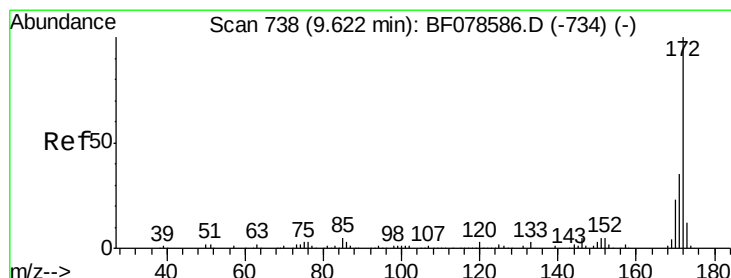
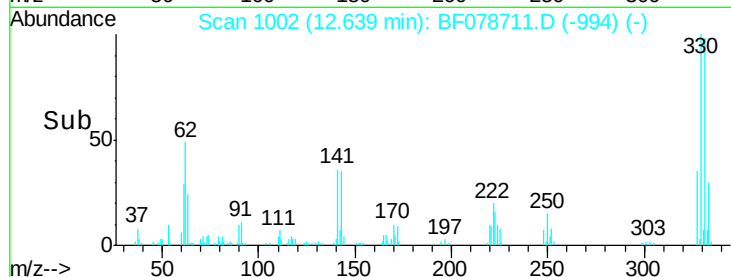
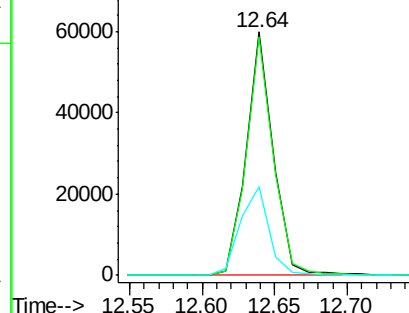
#41
 2,4,6-Tribromophenol
 Concen: 157.69 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078711.D
 Acq: 22 Apr 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PS-20(5-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.6	117.8
141	38.9	31.2	46.8

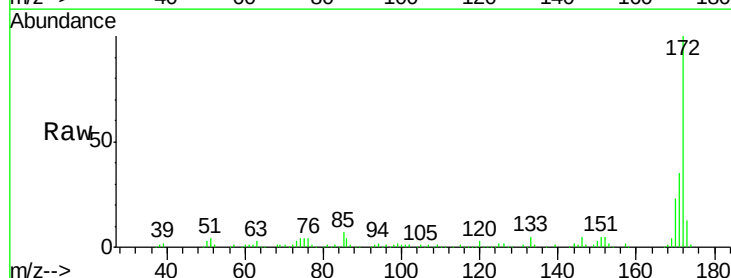


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

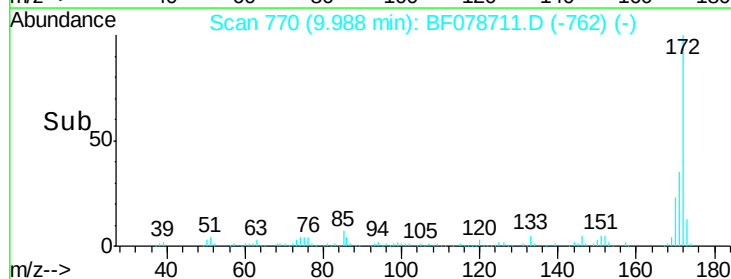
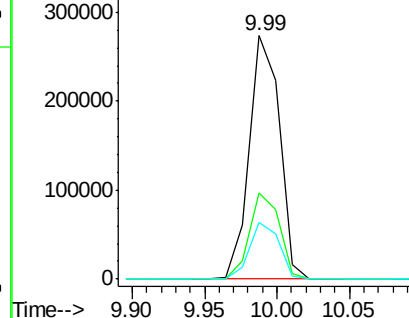


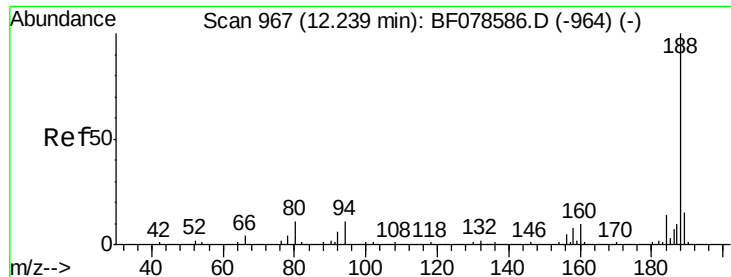
#44
 2-Fluorobiphenyl
 Concen: 95.93 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078711.D
 Acq: 22 Apr 2015 7:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.4	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

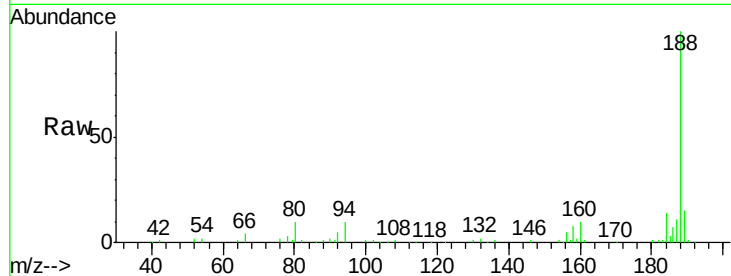




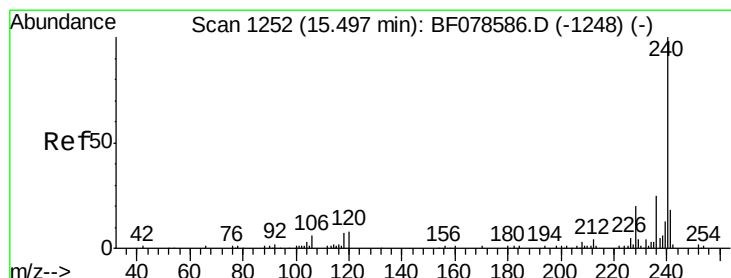
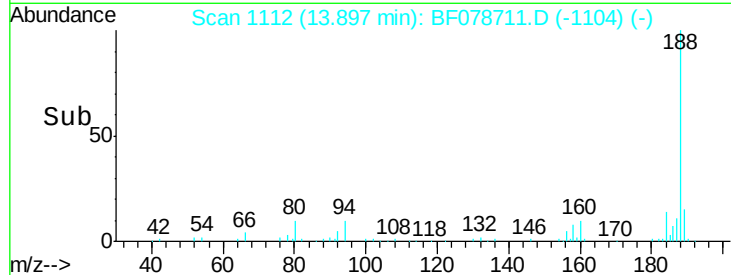
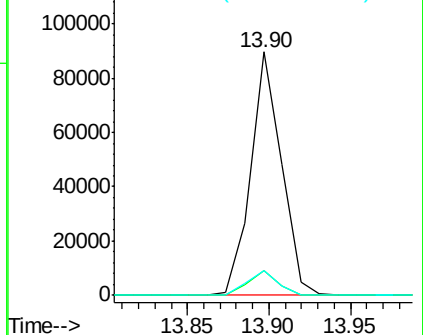
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078711.D
Acq: 22 Apr 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PS-20(5-10)

Tot Ion:188 Resp: 117653
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.4
80 9.9 9.5 14.3

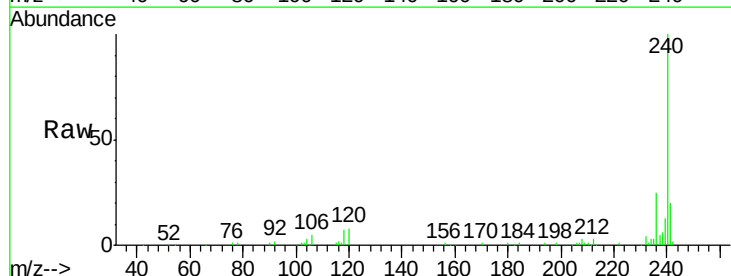


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

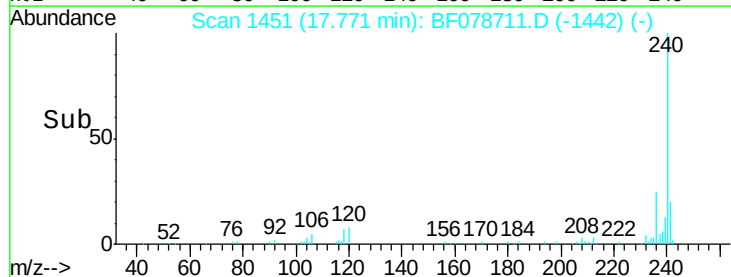
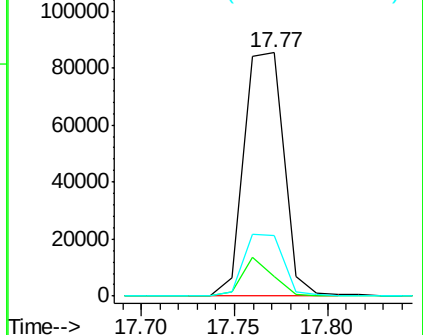


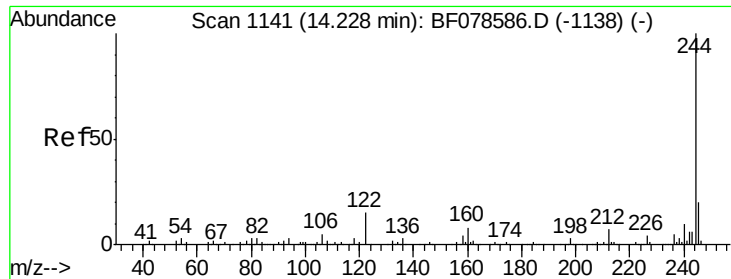
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF078711.D
Acq: 22 Apr 2015 7:41

Tgt Ion:240 Resp: 126435
Ion Ratio Lower Upper
240 100
120 8.2 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

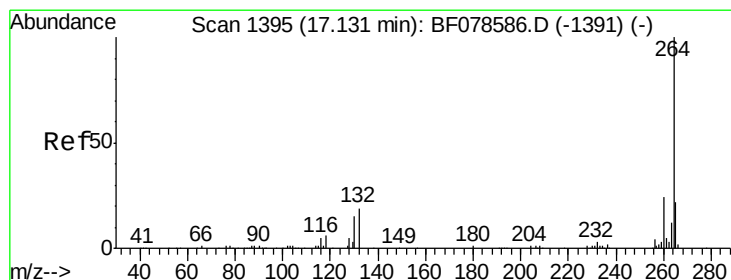
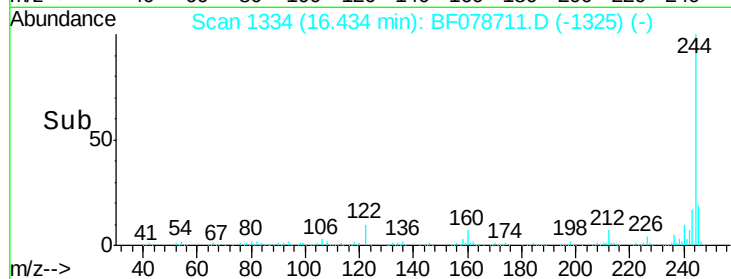
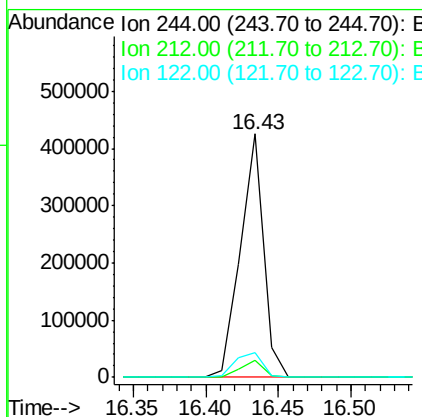
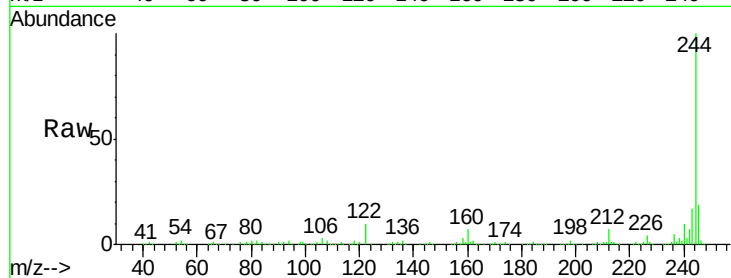




#78
 Terphenyl-d14
 Concen: 84.27 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF078711.D
 Acq: 22 Apr 2015 7:41

Instrument :
 BNA_F
 ClientSampled :
 PS-20(5-10)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.4
122	10.0	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.49 min Scan# 1601
 Delta R.T. 0.03 min
 Lab File: BF078711.D
 Acq: 22 Apr 2015 7:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.6	17.0	25.6

