

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010715\
 Data File : BF076768.D
 Acq On : 7 Jan 2015 17:25
 Operator : IZ / TP
 Sample : PB81229TB
 Misc : W DOD
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81229TB

Quant Time: Jan 08 09:04:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 08 08:56:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42928	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	177797	20.00	ng	0.00
38) Acenaphthene-d10	15.18	164	98954	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	171248	20.00	ng	0.00
75) Chrysene-d12	21.39	240	163621	20.00	ng	-0.01
86) Perylene-d12	23.11	264	141476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	298694	117.96	ng	0.00
7) Phenol-d6	7.52	99	367163	118.72	ng	0.00
23) Nitrobenzene-d5	9.42	82	220894	73.89	ng	-0.01
41) 2,4,6-Tribromophenol	16.81	330	90138	107.78	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	458123	72.05	ng	-0.01
78) Terphenyl-d14	20.12	244	507983	68.48	ng	0.00

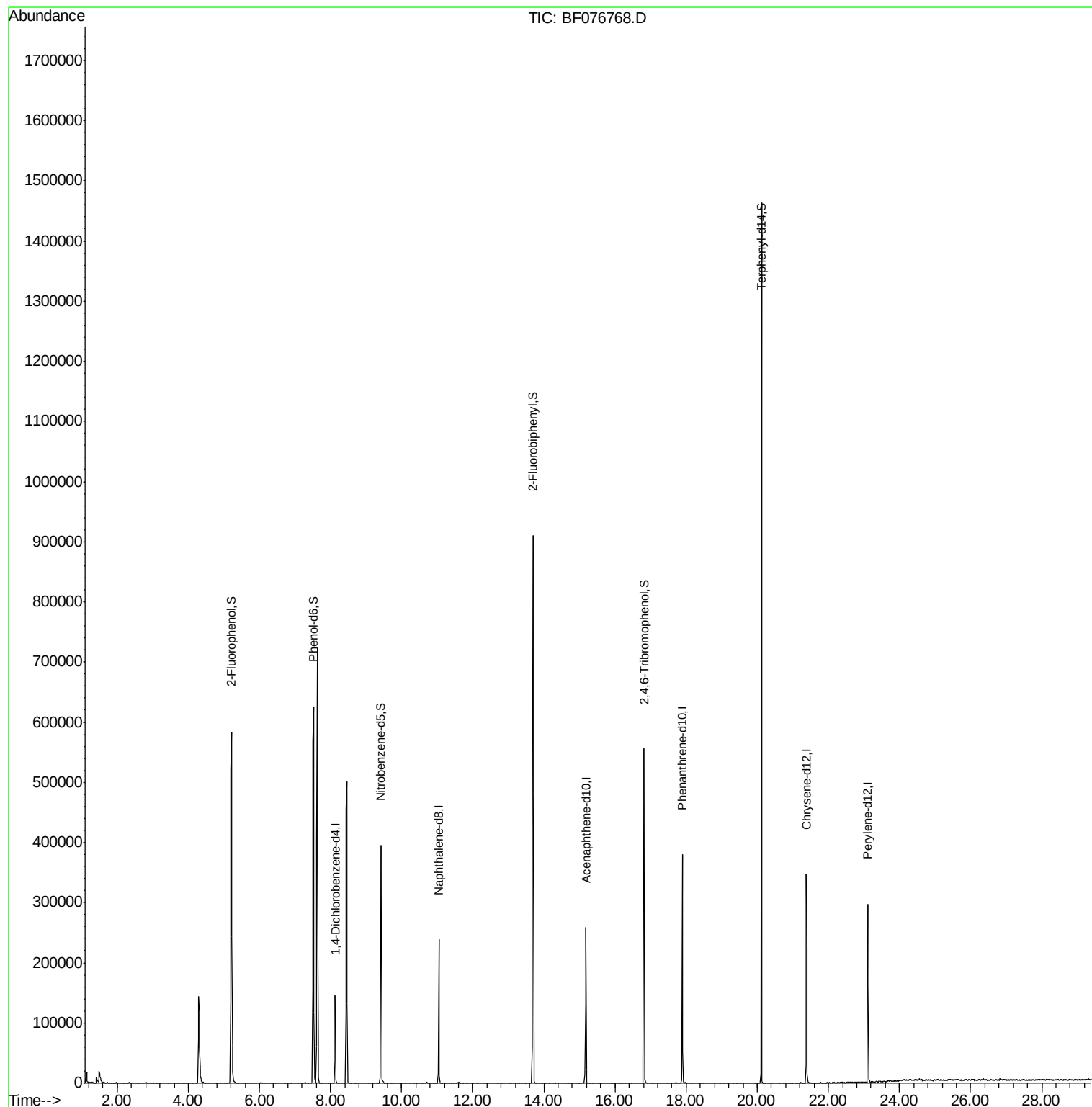
Target Compounds Qvalue

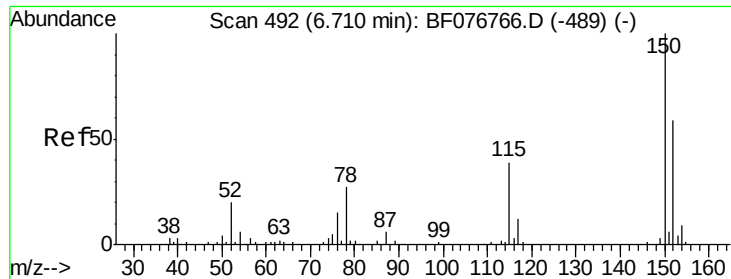
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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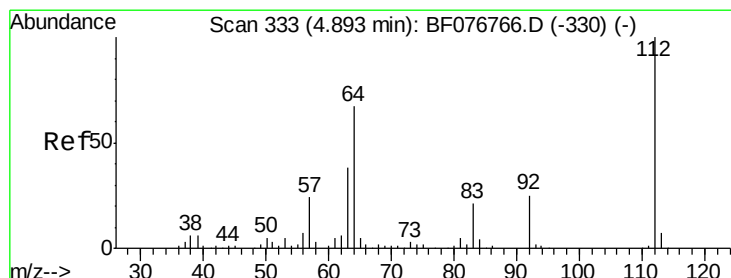
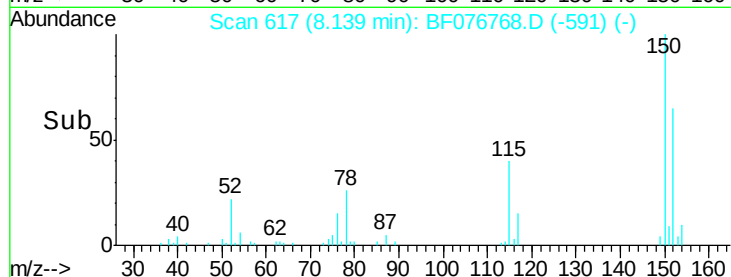
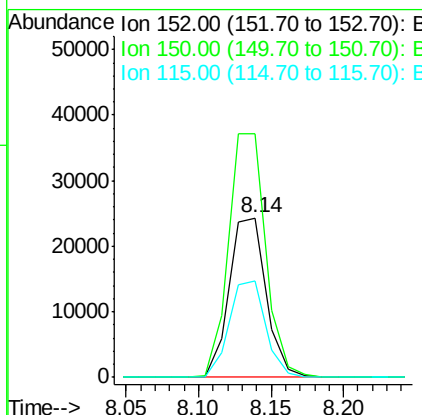
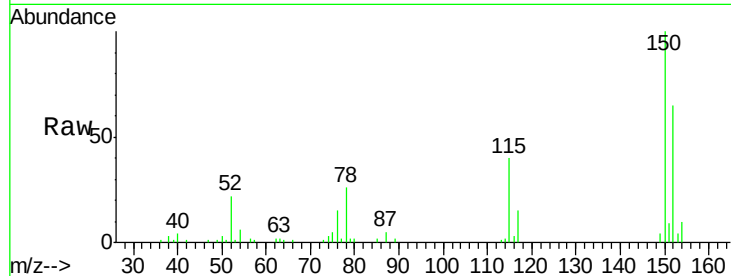


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF076768.D
Acq: 7 Jan 2015 17:25

Instrument :
BNA_F
ClientSampleId :
PB81229TB

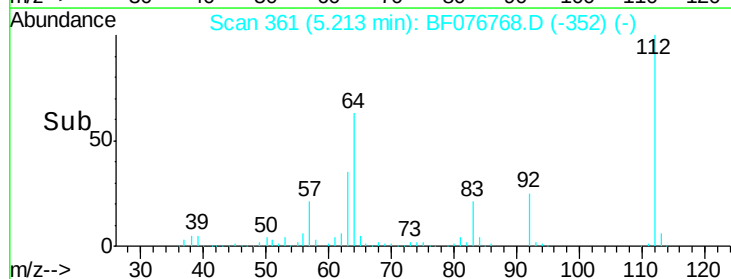
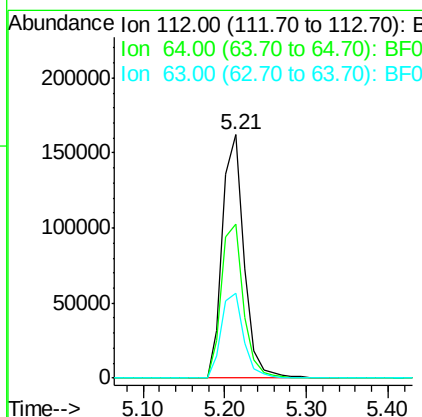
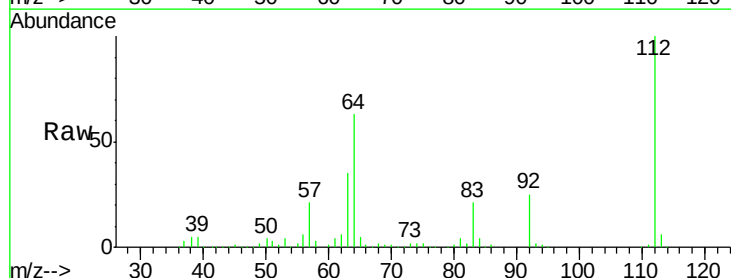
Tot Ion:152 Resp: 42928
Ion Ratio Lower Upper
152 100
150 152.9 125.2 187.8
115 61.0 51.4 77.0

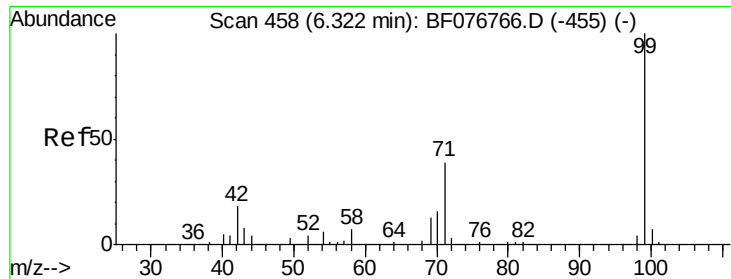


#5

2-Fluorophenol
Concen: 117.96 ng
RT: 5.21 min Scan# 361
Delta R.T. 0.00 min
Lab File: BF076768.D
Acq: 7 Jan 2015 17:25

Tgt Ion:112 Resp: 298694
Ion Ratio Lower Upper
112 100
64 63.3 47.4 71.0
63 34.8 25.0 37.4





#7

Phenol-d6

Concen: 118.72 ng

RT: 7.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF076768.D

Acq: 7 Jan 2015 17:25

Instrument :

BNA_F

ClientSampleId :

PB81229TB

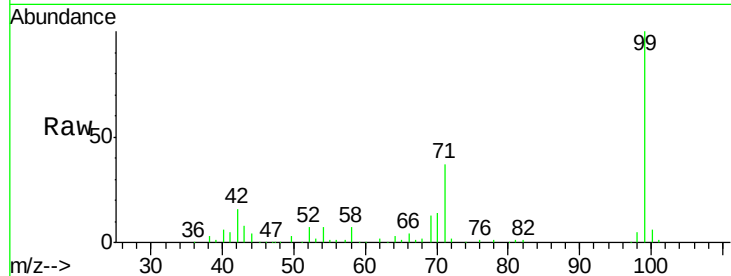
Tot Ion: 99 Resp: 367163

Ion Ratio Lower Upper

99 100

42 16.4 11.6 17.4

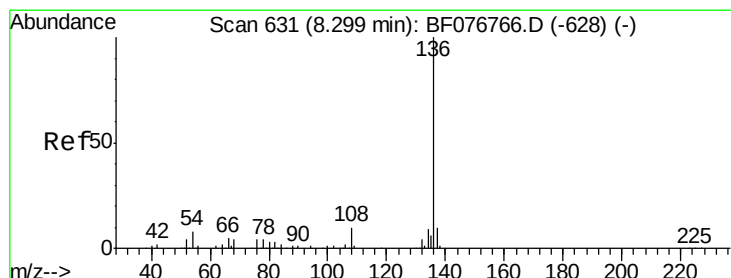
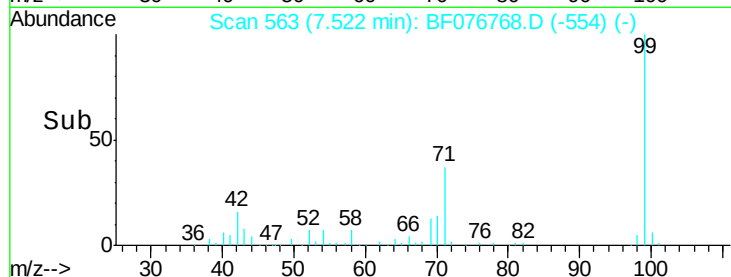
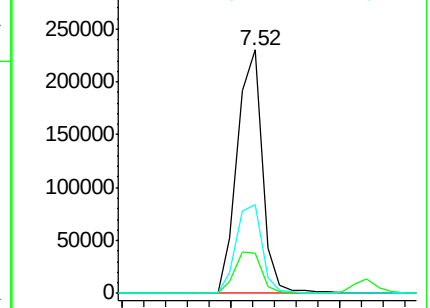
71 36.6 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF076766.D (-455) (-)

Ion 42.00 (41.70 to 42.70): BF076766.D (-455) (-)

Ion 71.00 (70.70 to 71.70): BF076766.D (-455) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF076768.D

Acq: 7 Jan 2015 17:25

Tgt Ion: 136 Resp: 177797

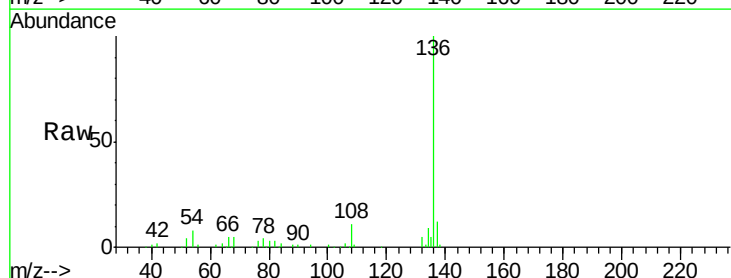
Ion Ratio Lower Upper

136 100

137 11.8 8.4 12.6

54 8.3 7.8 11.6

68 4.8 3.4 5.2

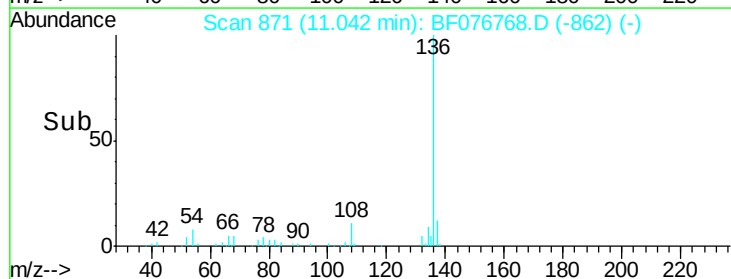
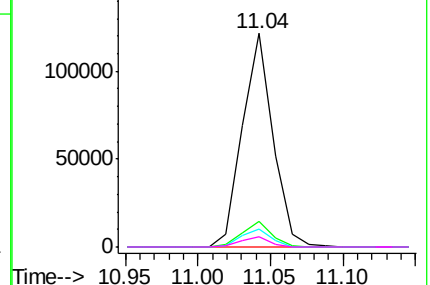


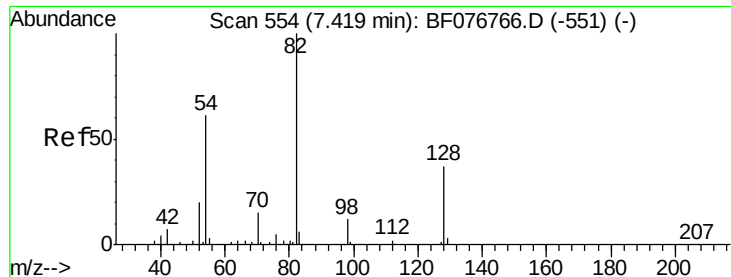
Abundance Ion 136.00 (135.70 to 136.70): BF076766.D (-628) (-)

Ion 137.00 (136.70 to 137.70): BF076766.D (-628) (-)

Ion 54.00 (53.70 to 54.70): BF076766.D (-628) (-)

Ion 68.00 (67.70 to 68.70): BF076766.D (-628) (-)

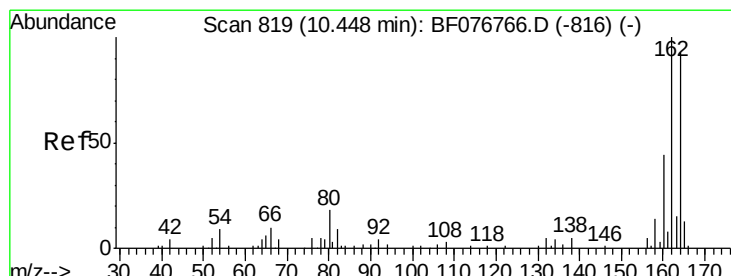
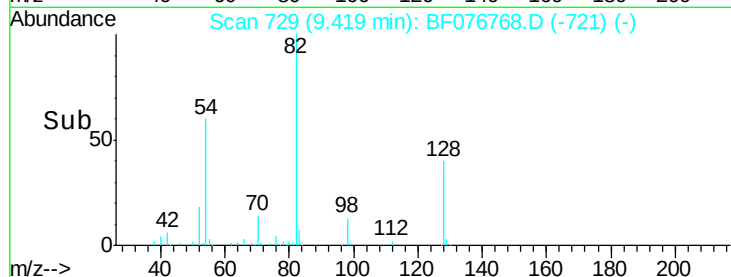
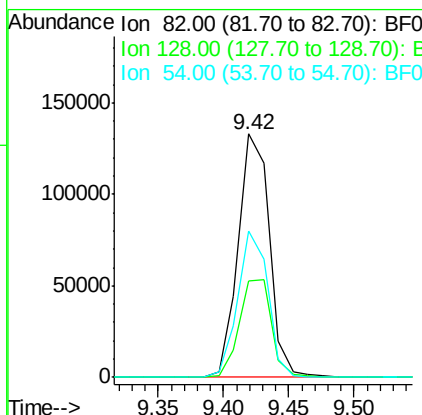
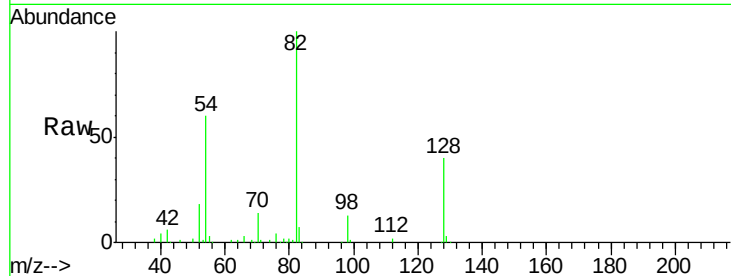




#23
Nitrobenzene-d5
Concen: 73.89 ng
RT: 9.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF076768.D
Acq: 7 Jan 2015 17:25

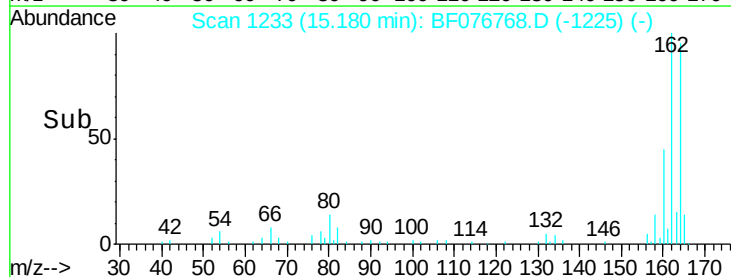
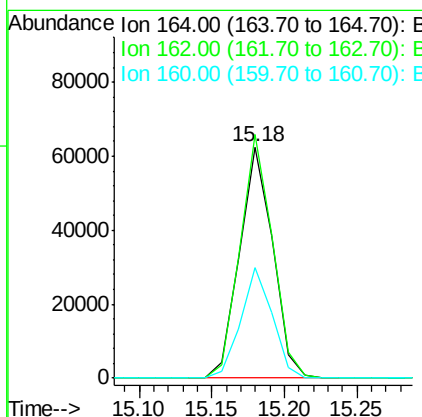
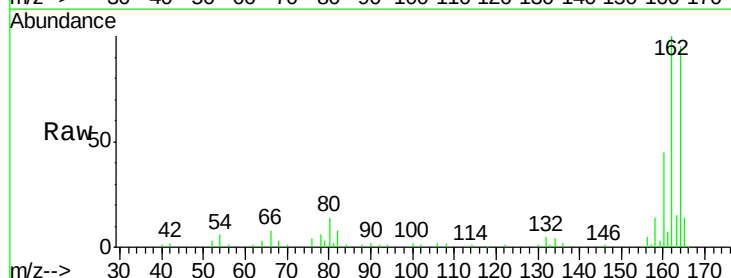
Instrument :
BNA_F
ClientSampleId :
PB81229TB

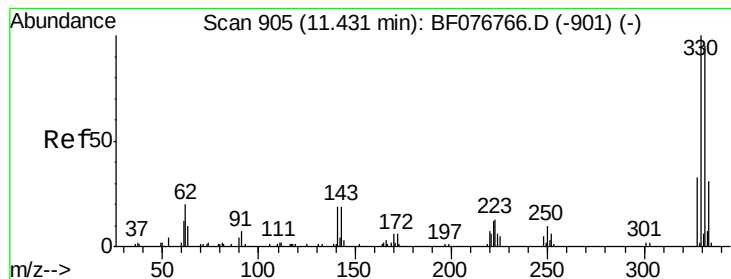
Tot Ion	82	Resp	220894
Ion Ratio	Lower	Upper	
82	100		
128	39.8	31.9	47.9
54	59.9	47.2	70.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.18 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF076768.D
Acq: 7 Jan 2015 17:25

Tgt Ion	164	Resp	98954
Ion Ratio	Lower	Upper	
164	100		
162	105.2	84.2	126.2
160	47.5	35.5	53.3

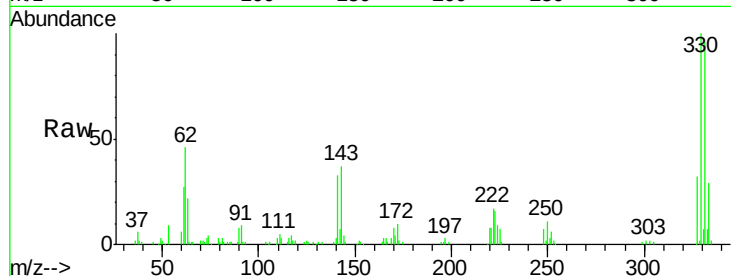




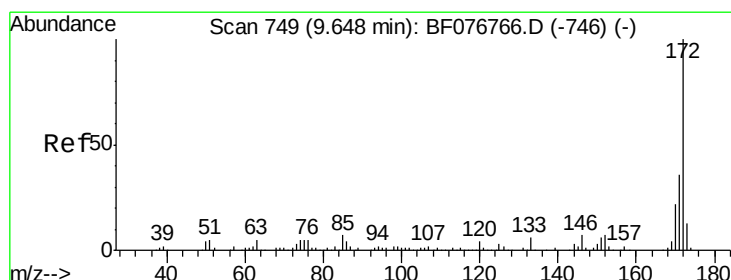
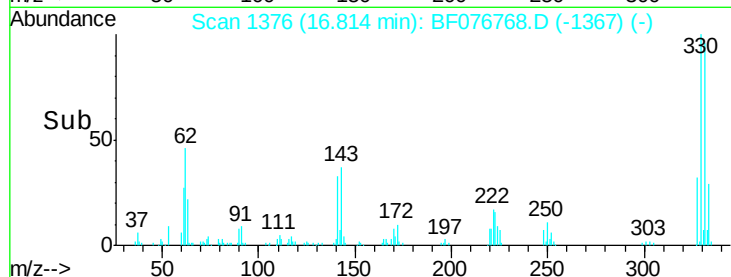
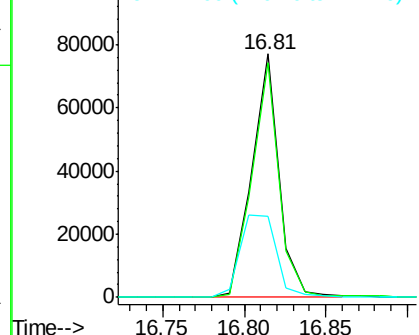
#41
 2,4,6-Tribromophenol
 Concen: 107.78 ng
 RT: 16.81 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF076768.D
 Acq: 7 Jan 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB81229TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	44.6	0.0	0.0#

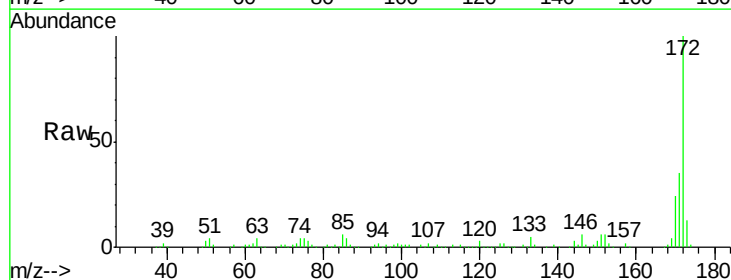


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

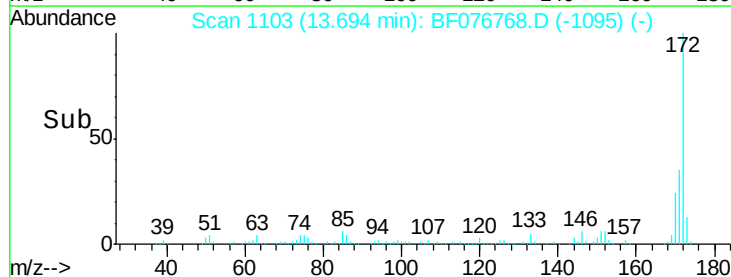
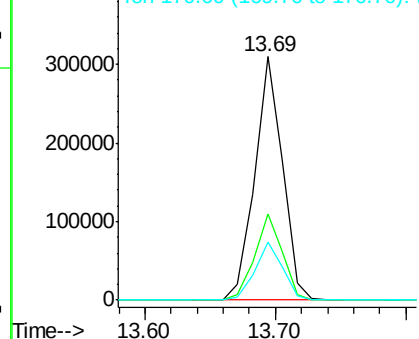


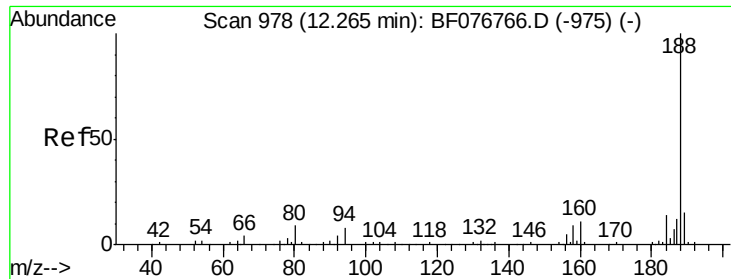
#44
 2-Fluorobiphenyl
 Concen: 72.05 ng
 RT: 13.69 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF076768.D
 Acq: 7 Jan 2015 17:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	23.6	19.0	28.4



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

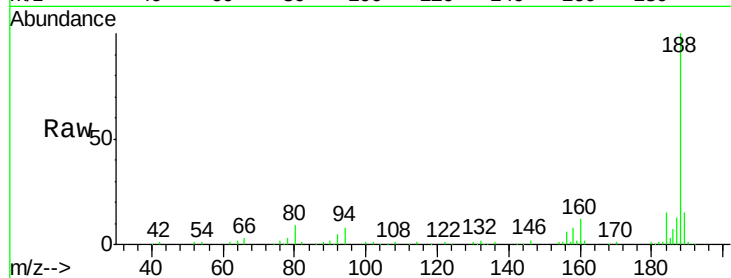




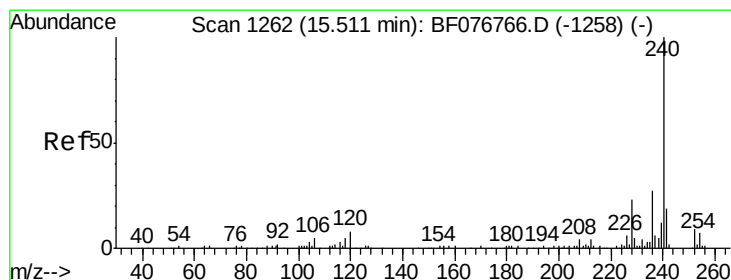
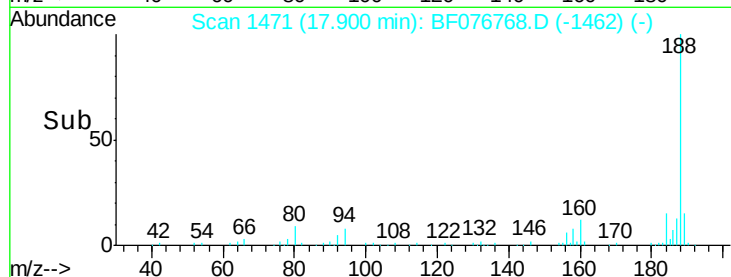
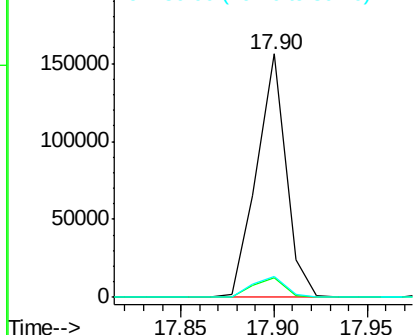
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF076768.D
Acq: 7 Jan 2015 17:25

Instrument :
BNA_F
ClientSampleId :
PB81229TB

Tot Ion	188	Resp	171248
Ion Ratio	100	Lower	Upper
94	8.0	7.9	11.9
80	8.6	8.2	12.2

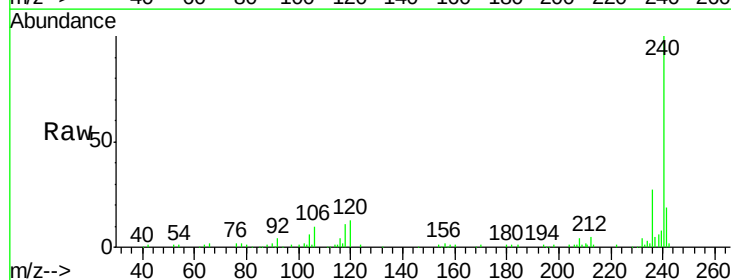


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

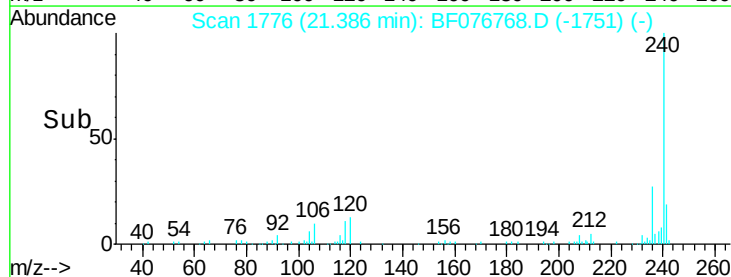
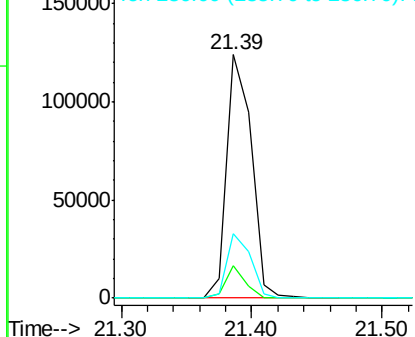


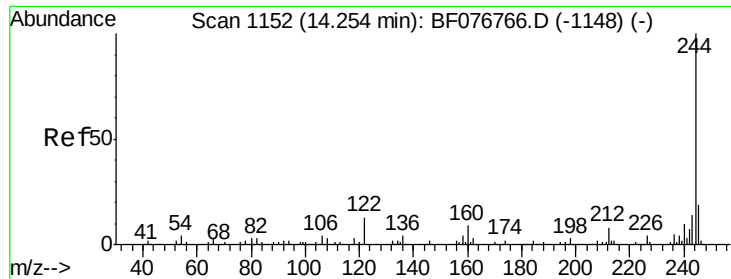
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.39 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF076768.D
Acq: 7 Jan 2015 17:25

Tgt Ion	240	Resp	163621
Ion Ratio	100	Lower	Upper
120	13.2	8.0	12.0#
236	26.7	20.6	30.8



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

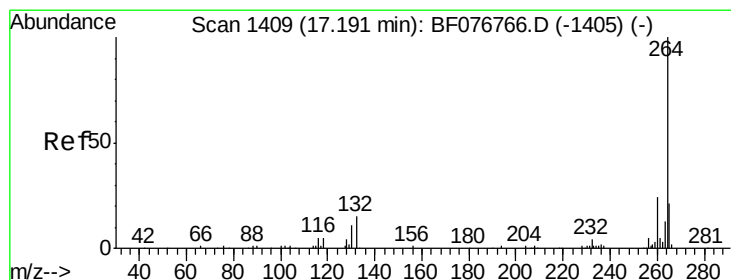
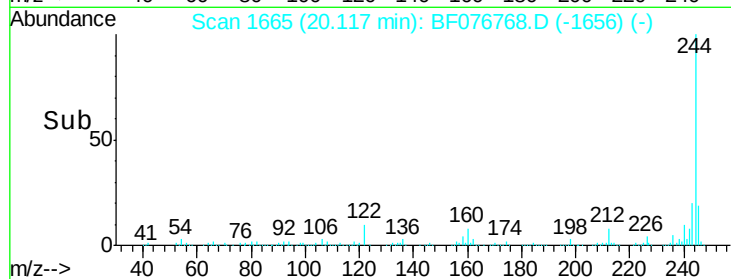
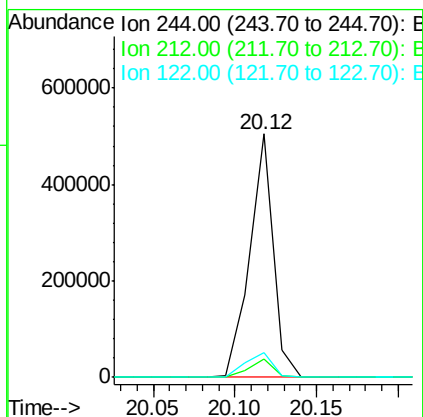
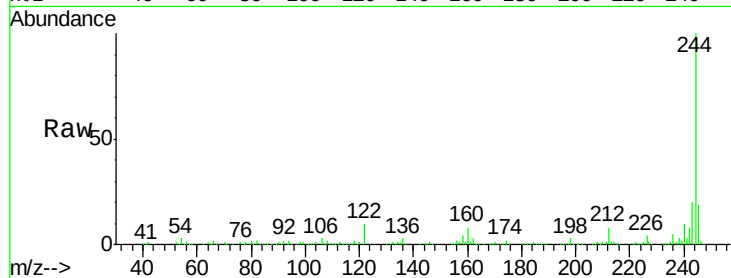




#78
 Terphenyl-d14
 Concen: 68.48 ng
 RT: 20.12 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF076768.D
 Acq: 7 Jan 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB81229TB

Tot Ion:244 Resp: 507983
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.11 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BF076768.D
 Acq: 7 Jan 2015 17:25

Tgt Ion:264 Resp: 141476
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.4 29.2
 265 20.7 18.1 27.1

