

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
 Data File : BF076798.D
 Acq On : 9 Jan 2015 22:14
 Operator : IZ / TP
 Sample : G1032-01
 Misc : S
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-010

Quant Time: Jan 10 03:52:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 10 00:03:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	29833	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	136135	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	75214	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	131340	20.00	ng	0.00
75) Chrysene-d12	21.34	240	115775	20.00	ng	-0.01
86) Perylene-d12	23.02	264	97108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	126517	69.76	ng	-0.01
7) Phenol-d6	7.49	99	165803	72.56	ng	-0.01
23) Nitrobenzene-d5	9.37	82	101046	40.39	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	39497	61.29	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	199421	38.58	ng	-0.01
78) Terphenyl-d14	20.07	244	200179	37.24	ng	0.00

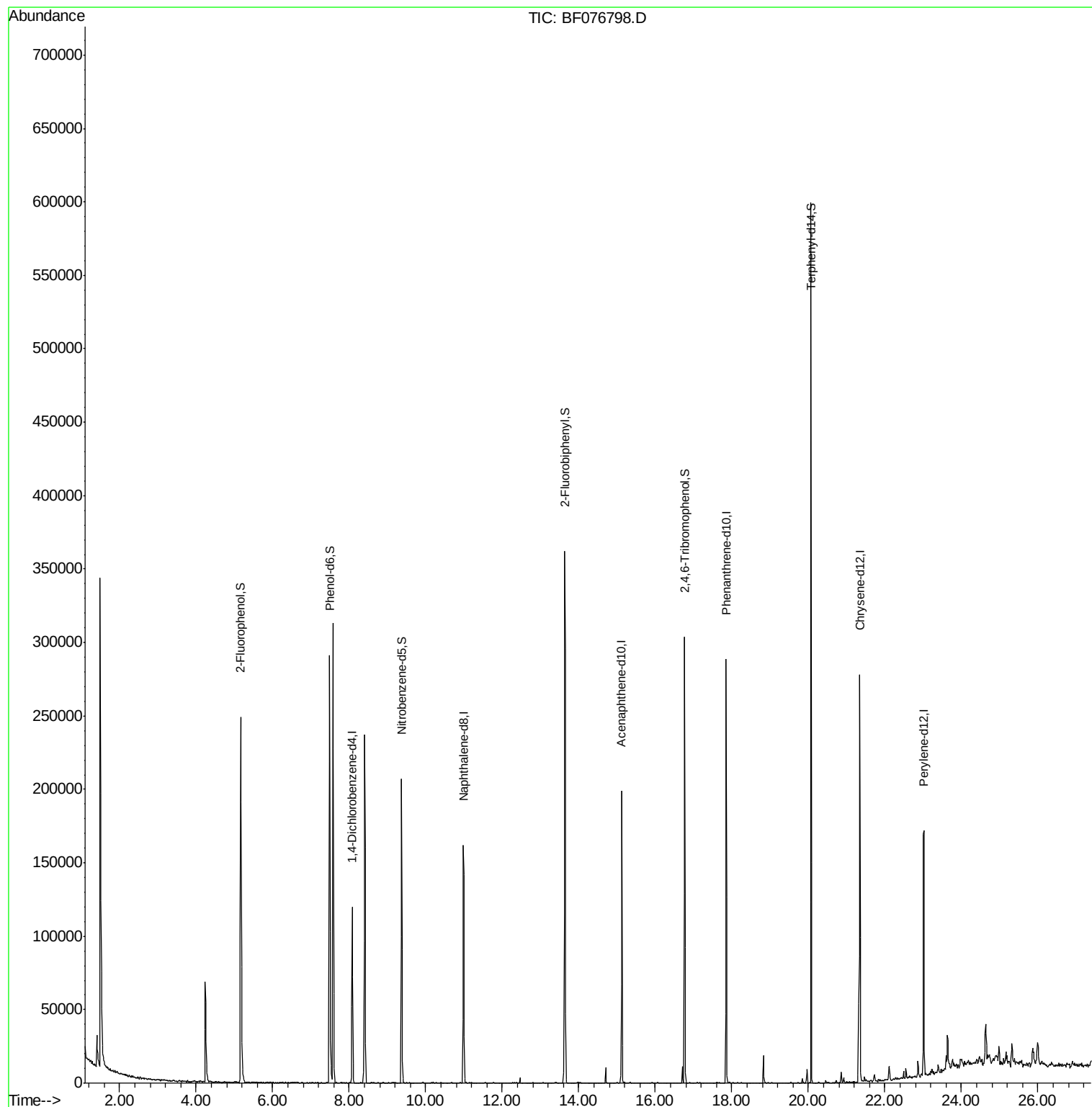
Target Compounds	Qvalue
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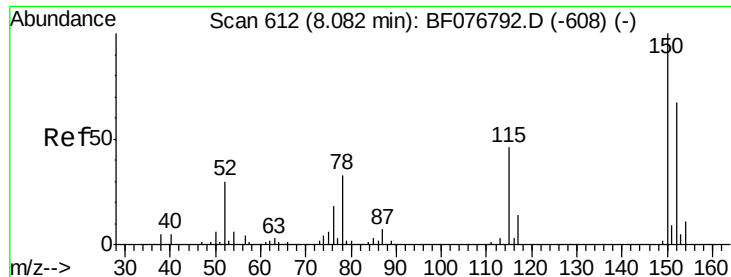
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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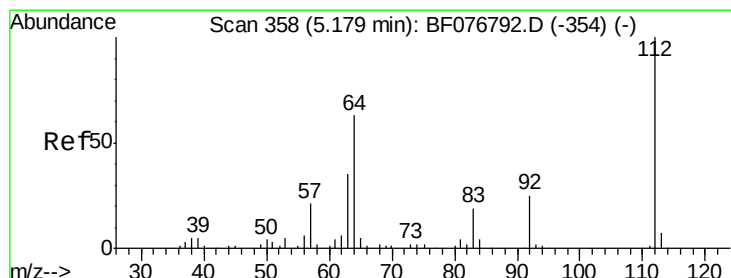
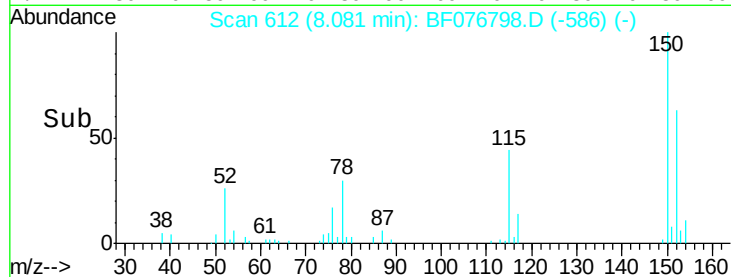
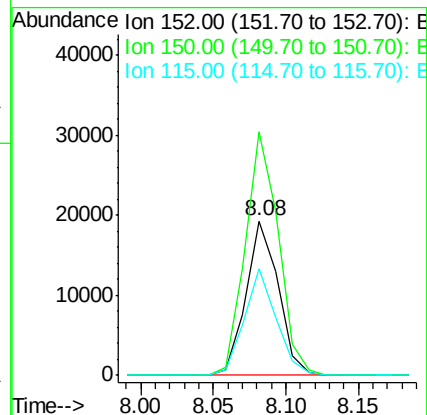
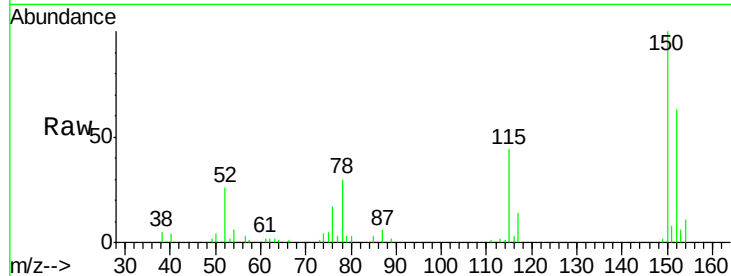


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF076798.D
Acq: 9 Jan 2015 22:14

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-010

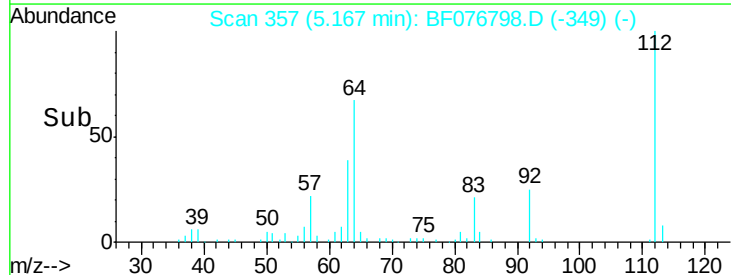
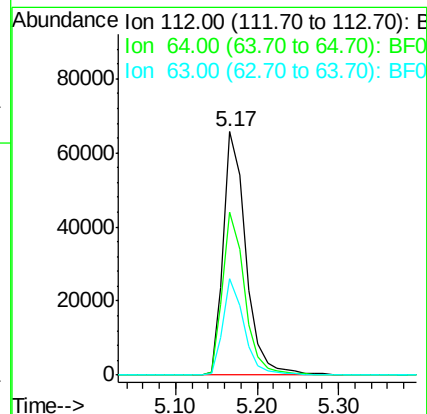
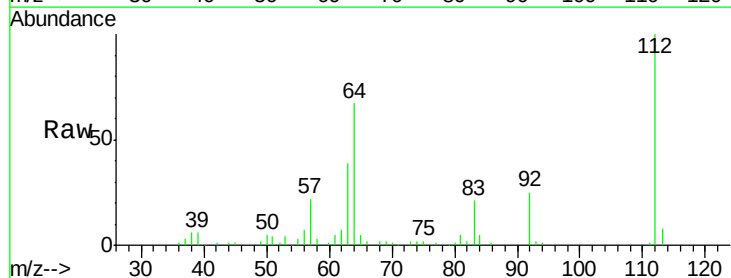
Tgt Ion:152 Resp: 29833
Ion Ratio Lower Upper
152 100
150 157.5 119.5 179.3
115 68.8 54.6 81.8

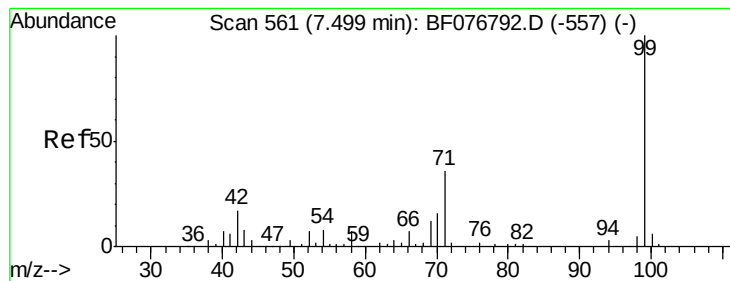


#5

2-Fluorophenol
Concen: 69.76 ng
RT: 5.17 min Scan# 357
Delta R.T. -0.01 min
Lab File: BF076798.D
Acq: 9 Jan 2015 22:14

Tgt Ion:112 Resp: 126517
Ion Ratio Lower Upper
112 100
64 66.8 50.2 75.4
63 39.4 27.8 41.6





#7

Phenol-d6

Concen: 72.56 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076798.D

Acq: 9 Jan 2015 22:14

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-010

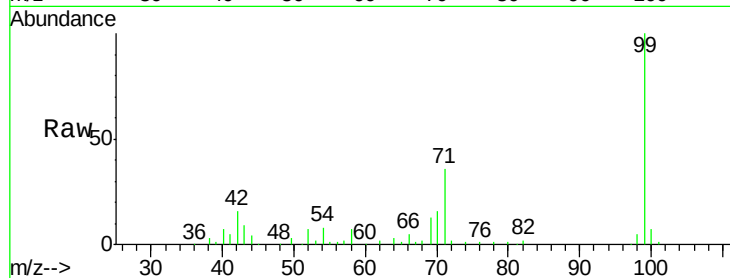
Tgt Ion: 99 Resp: 165803

Ion Ratio Lower Upper

99 100

42 15.8 13.3 19.9

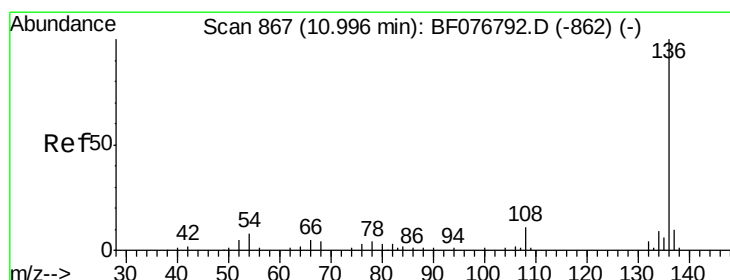
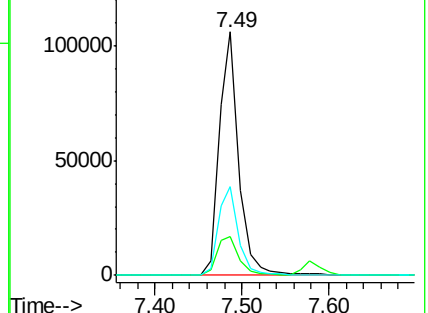
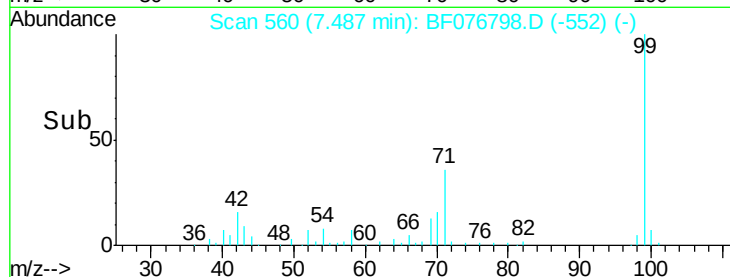
71 36.4 29.2 43.8



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: 10.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF076798.D

Acq: 9 Jan 2015 22:14

Tgt Ion: 136 Resp: 136135

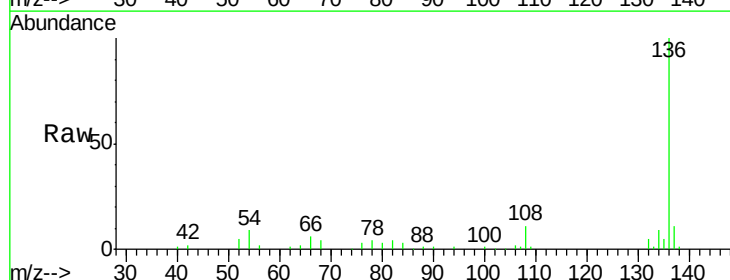
Ion Ratio Lower Upper

136 100

137 11.0 8.1 12.1

54 8.6 6.3 9.5

68 4.1 3.4 5.0

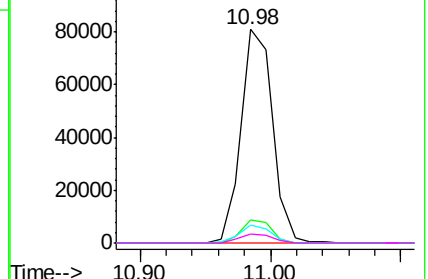
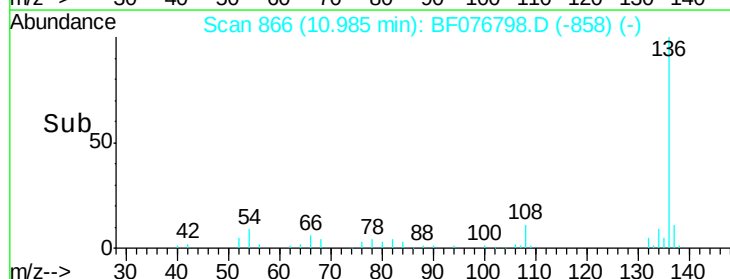


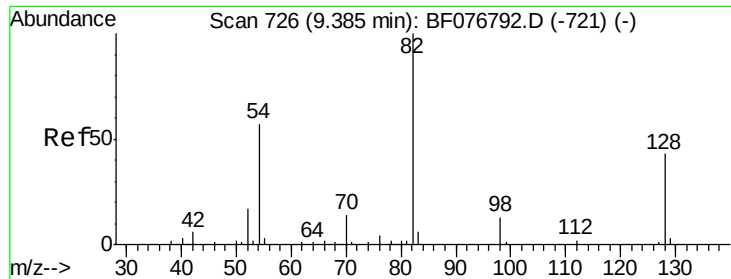
Abundance Ion 136.00 (135.70 to 136.70): E

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

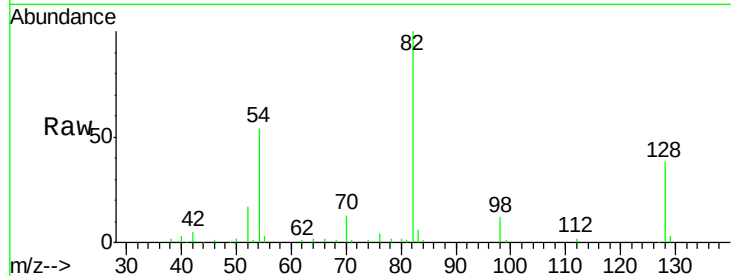




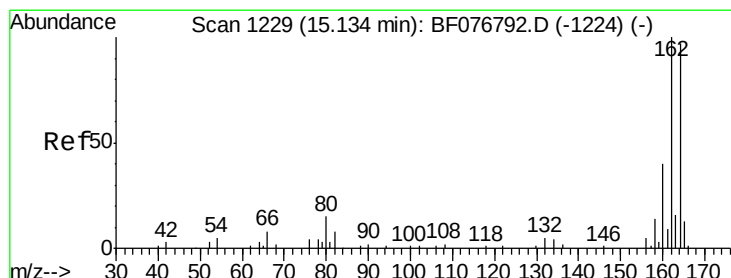
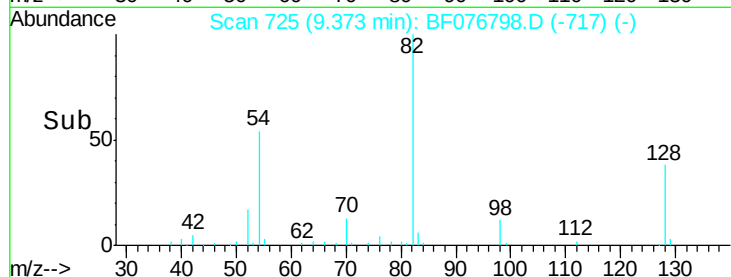
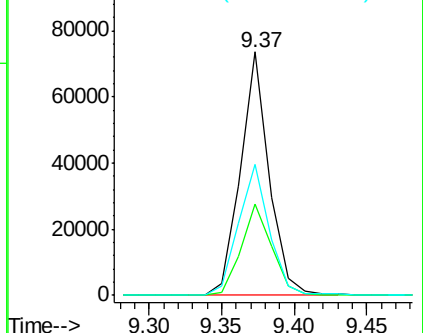
#23
 Nitrobenzene-d5
 Concen: 40.39 ng
 RT: 9.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF076798.D
 Acq: 9 Jan 2015 22:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-010

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.6	34.0	51.0
54	53.6	45.6	68.4

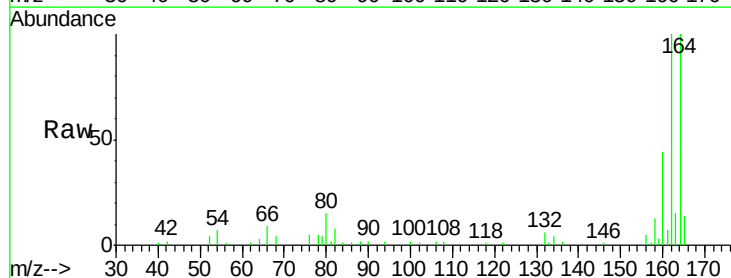


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

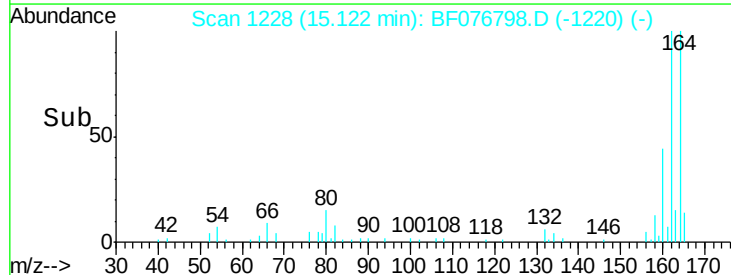
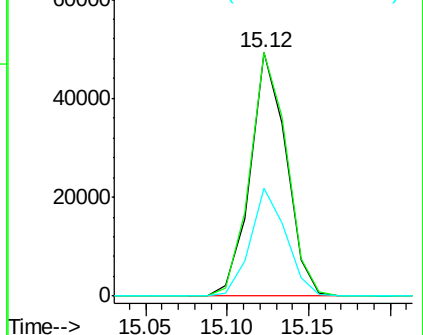


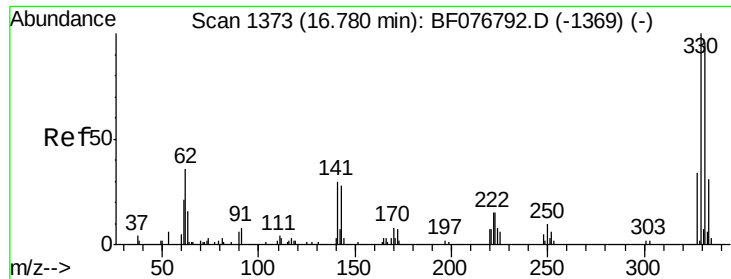
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF076798.D
 Acq: 9 Jan 2015 22:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.5	123.7
160	44.4	33.1	49.7



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: 61.29 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076798.D

Acq: 9 Jan 2015 22:14

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-010

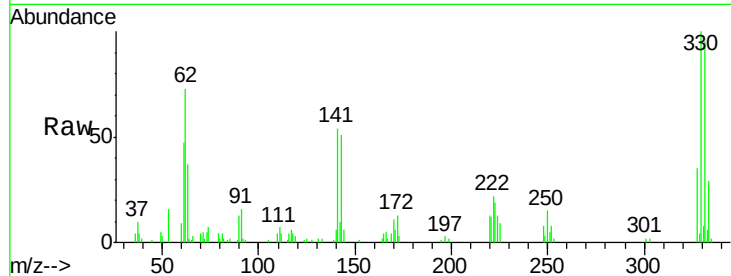
Tgt Ion:330 Resp: 39497

Ion Ratio Lower Upper

330 100

332 95.3 74.8 112.2

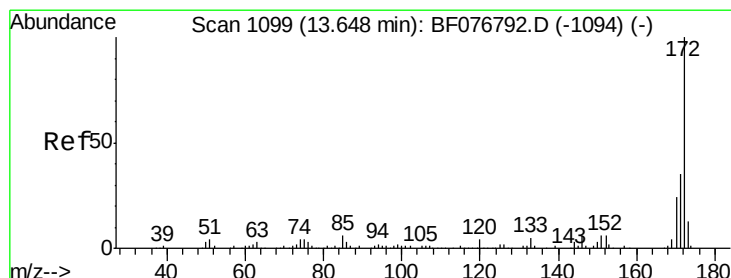
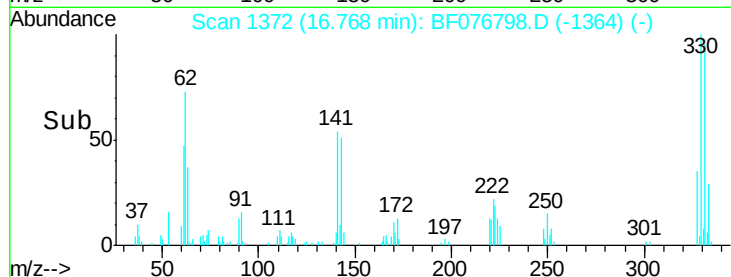
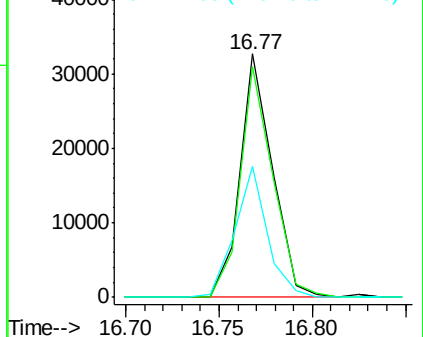
141 53.7 42.4 63.6



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: 38.58 ng

RT: 13.64 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF076798.D

Acq: 9 Jan 2015 22:14

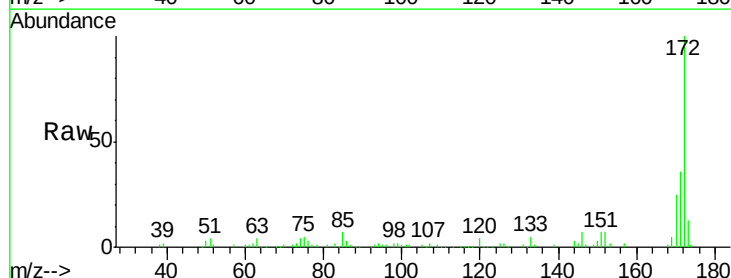
Tgt Ion:172 Resp: 199421

Ion Ratio Lower Upper

172 100

171 36.1 27.8 41.8

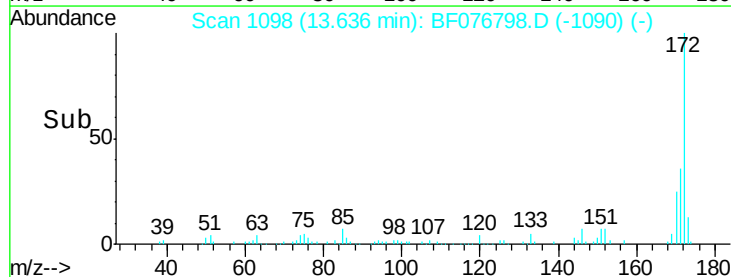
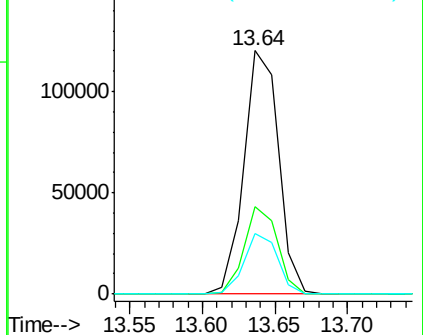
170 24.7 18.8 28.2

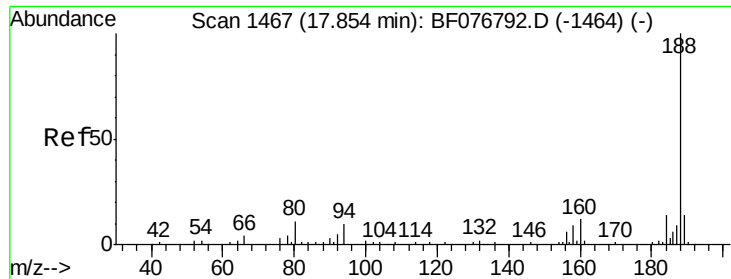


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

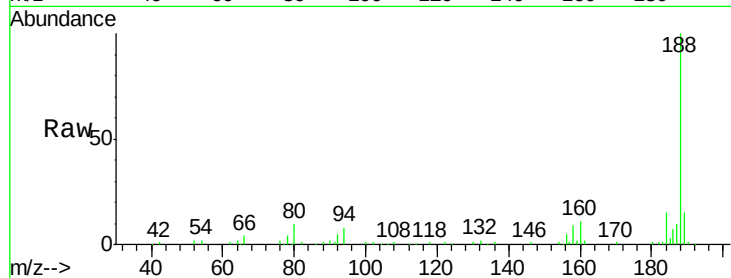




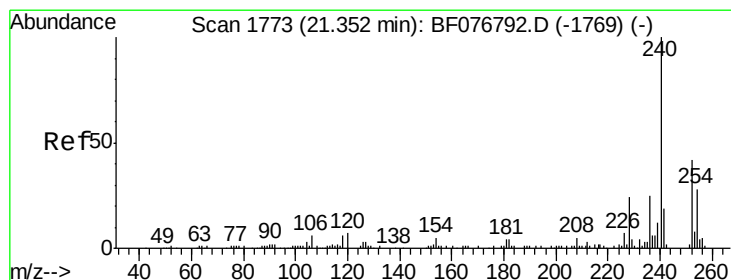
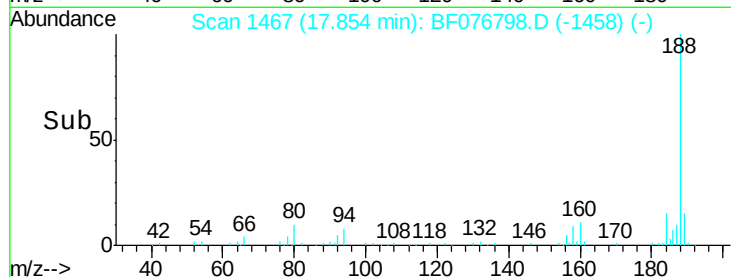
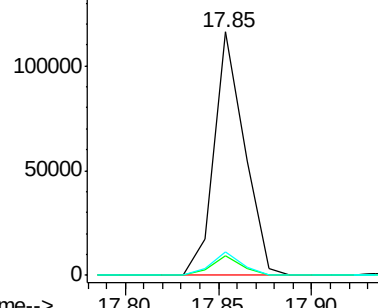
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF076798.D
Acq: 9 Jan 2015 22:14

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-010

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.8	11.6
80	9.7	8.6	13.0

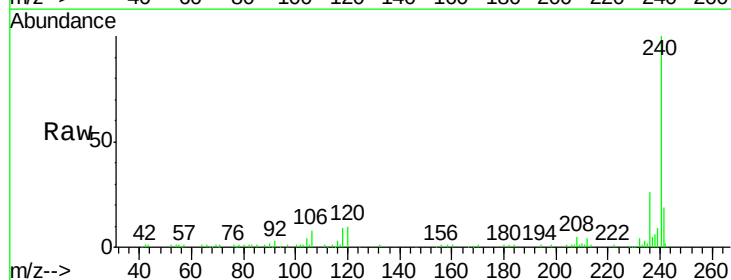


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

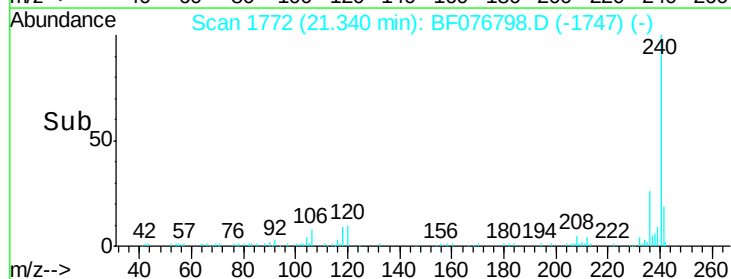
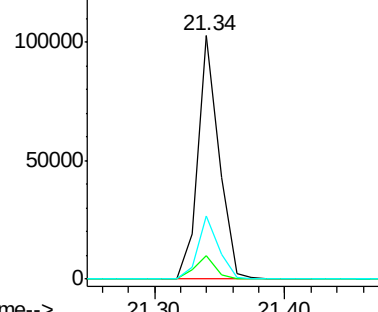


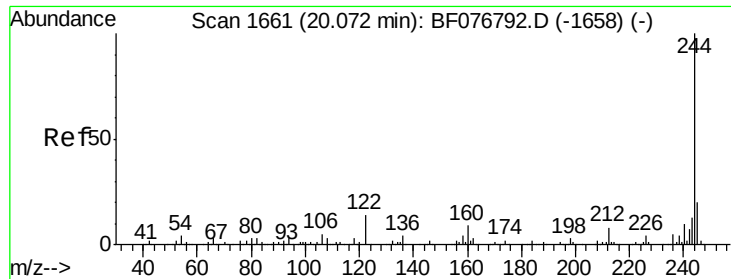
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076798.D
Acq: 9 Jan 2015 22:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	5.7	8.5#
236	25.7	19.7	29.5



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

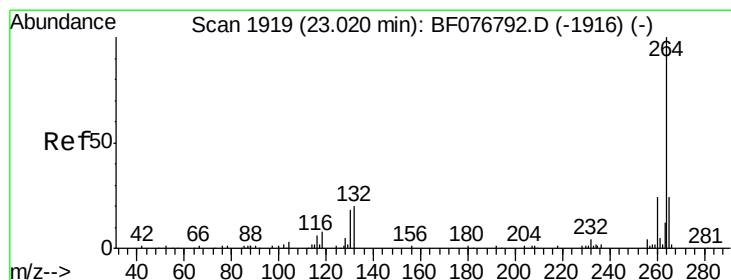
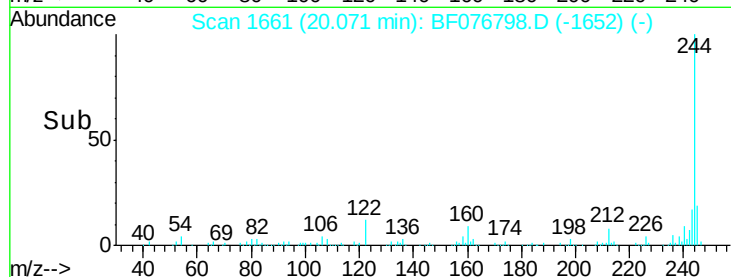
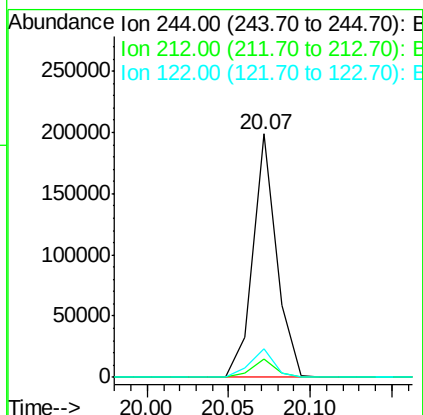
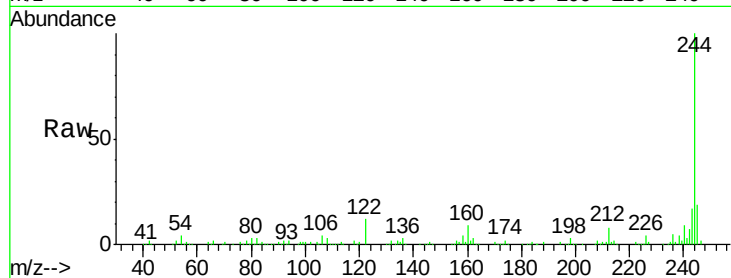




#78
 Terphenyl-d14
 Concen: 37.24 ng
 RT: 20.07 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BF076798.D
 Acq: 9 Jan 2015 22:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-010

Tgt Ion:244 Resp: 200179
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.0 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.02 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BF076798.D
 Acq: 9 Jan 2015 22:14

Tgt Ion:264 Resp: 97108
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 21.4 18.9 28.3

