

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010915\
 Data File : BF076797.D
 Acq On : 9 Jan 2015 21:40
 Operator : IZ / TP
 Sample : PB81245BL
 Misc : S
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81245BL

Quant Time: Jan 10 00:49:31 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 00:24:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34725	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	143090	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	81301	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	145206	20.00	ng	0.00
75) Chrysene-d12	21.34	240	142270	20.00	ng	-0.01
86) Perylene-d12	23.00	264	130837	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	206935	98.02	ng	0.00
7) Phenol-d6	7.49	99	258295	97.11	ng	-0.01
23) Nitrobenzene-d5	9.37	82	160656	61.09	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	66294	95.17	ng	-0.01
44) 2-Fluorobiphenyl	13.65	172	342139	61.24	ng	0.00
78) Terphenyl-d14	20.07	244	387698	58.70	ng	0.00

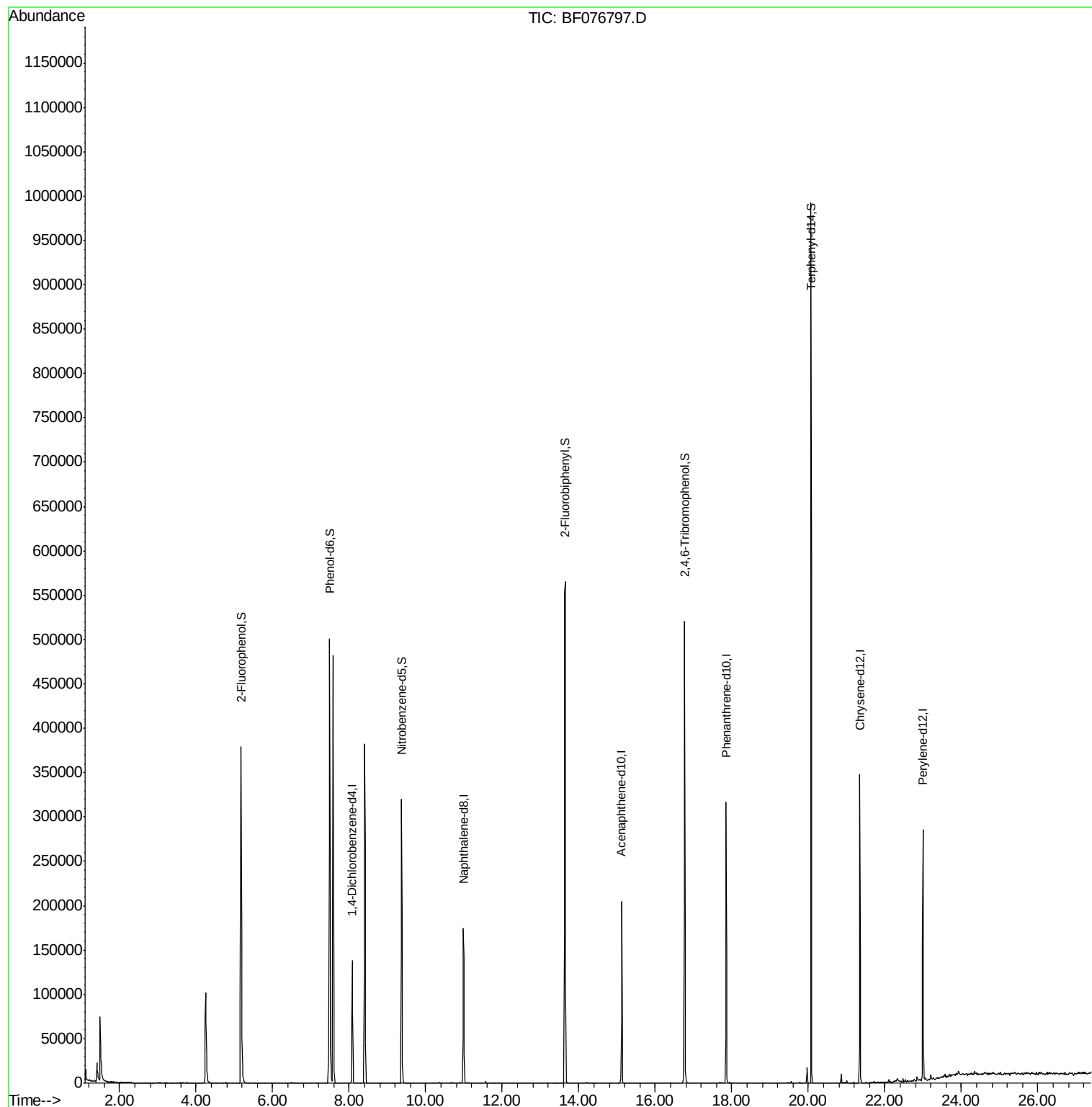
Target Compounds Qvalue

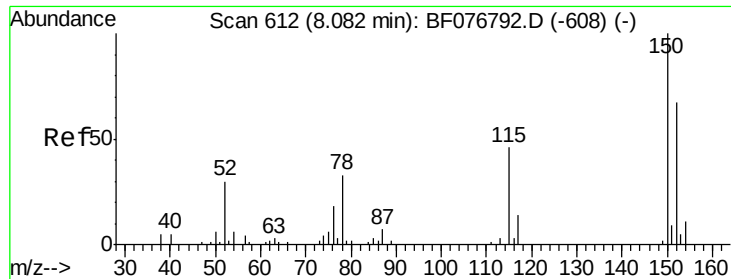
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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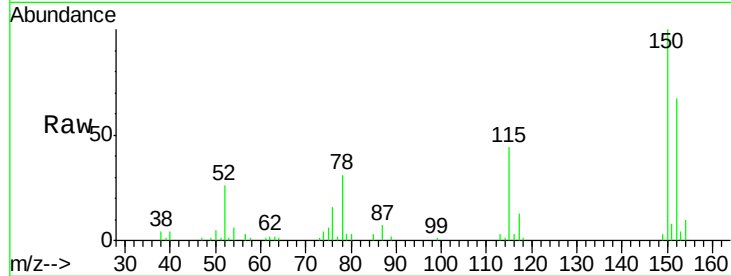


#1

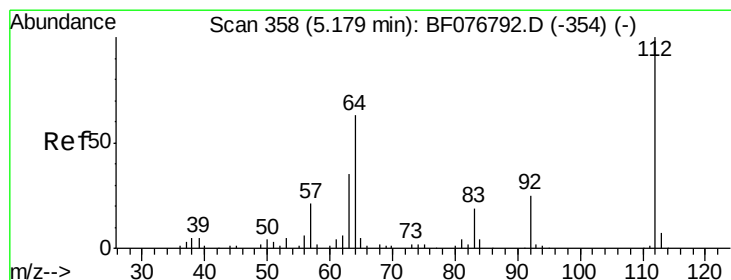
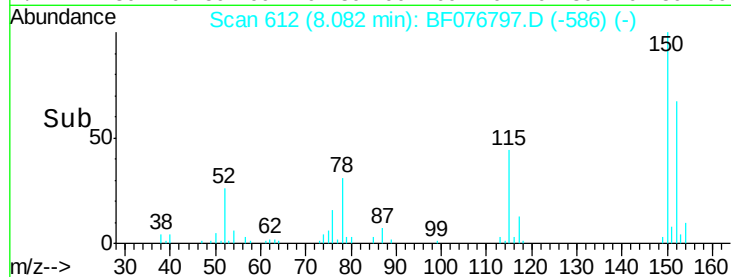
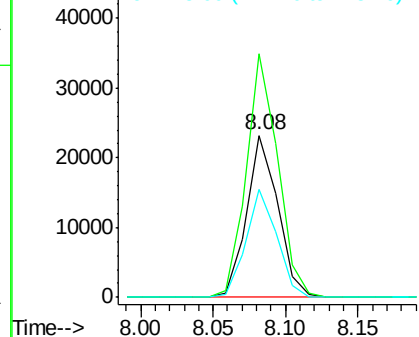
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF076797.D
Acq: 9 Jan 2015 21:40

Instrument :
BNA_F
ClientSampled :
PB81245BL

Tot Ion:152 Resp: 34725
Ion Ratio Lower Upper
152 100
150 150.2 119.5 179.3
115 66.4 54.6 81.8



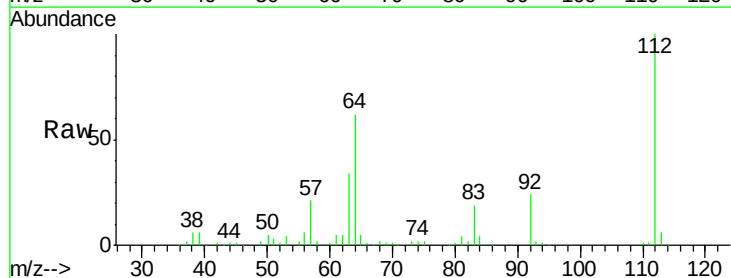
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



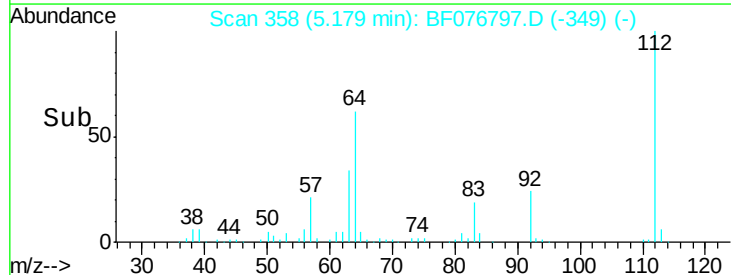
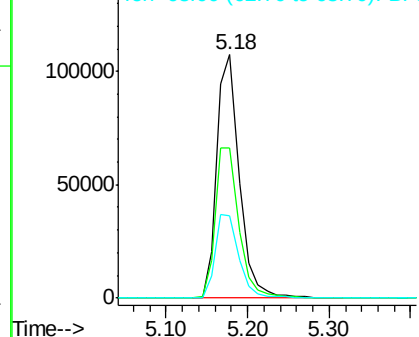
#5

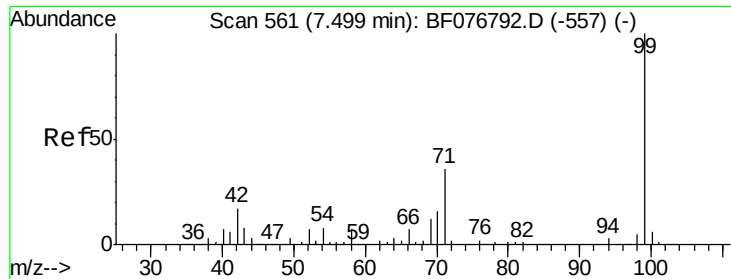
2-Fluorophenol
Concen: 98.02 ng
RT: 5.18 min Scan# 358
Delta R.T. -0.00 min
Lab File: BF076797.D
Acq: 9 Jan 2015 21:40

Tgt Ion:112 Resp: 206935
Ion Ratio Lower Upper
112 100
64 61.9 50.2 75.4
63 34.0 27.8 41.6



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: 97.11 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076797.D

Acq: 9 Jan 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB81245BL

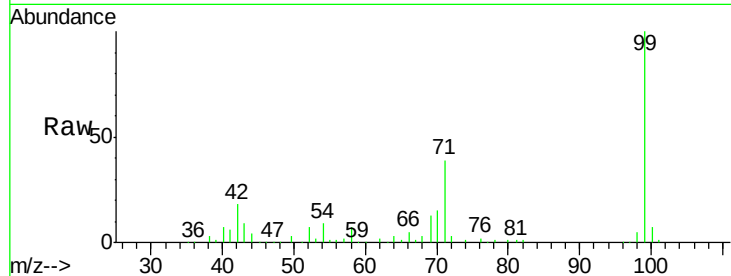
Tot Ion: 99 Resp: 258295

Ion Ratio Lower Upper

99 100

42 18.3 13.3 19.9

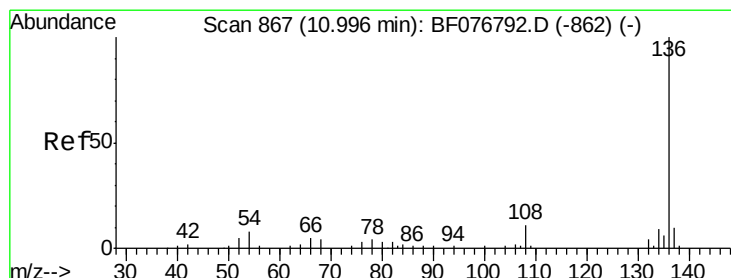
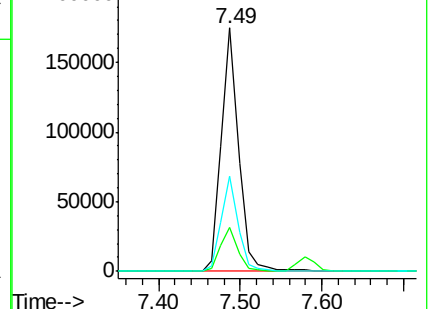
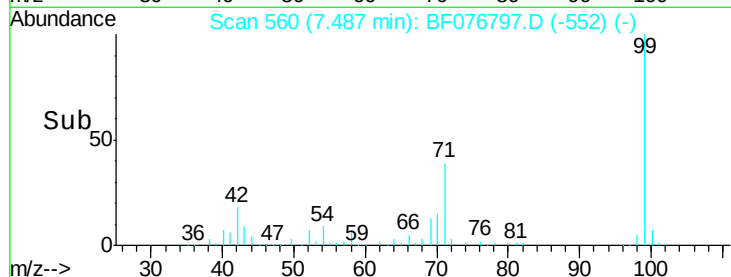
71 39.3 29.2 43.8



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: BF076797.D

Acq: 9 Jan 2015 21:40

Tgt Ion: 136 Resp: 143090

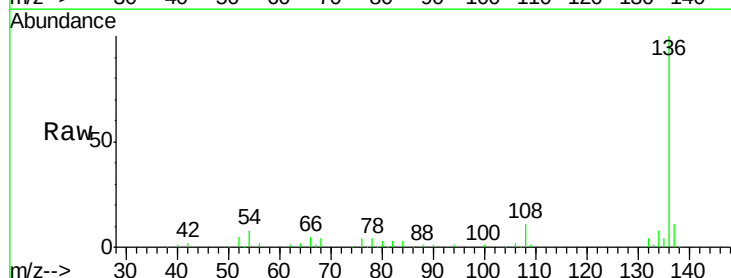
Ion Ratio Lower Upper

136 100

137 10.9 8.1 12.1

54 8.4 6.3 9.5

68 4.2 3.4 5.0

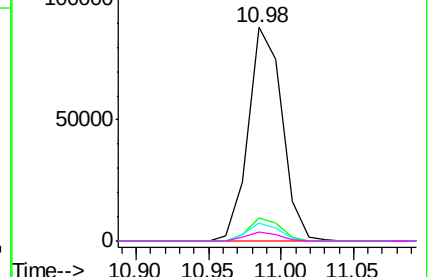
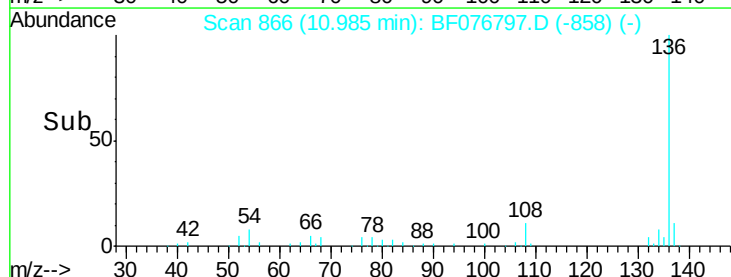


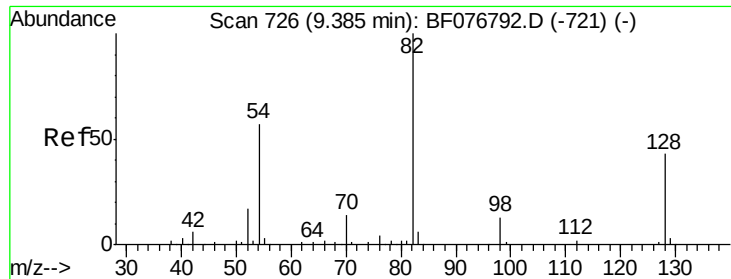
Abundance Ion 136.00 (135.70 to 136.70): E

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

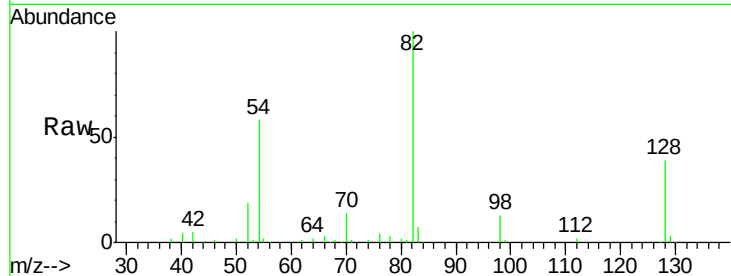




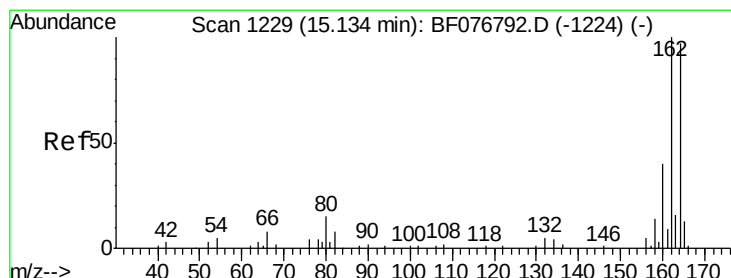
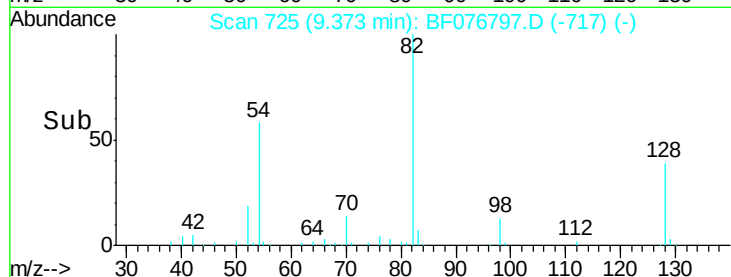
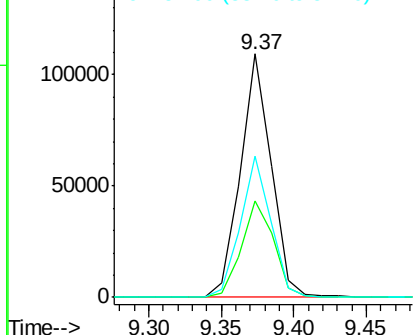
#23
 Nitrobenzene-d5
 Concen: 61.09 ng
 RT: 9.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF076797.D
 Acq: 9 Jan 2015 21:40

Instrument :
 BNA_F
 ClientSampleID :
 PB81245BL

Tot Ion	82	Resp	160656
Ion Ratio	100	Lower	Upper
128	39.4	34.0	51.0
54	57.7	45.6	68.4

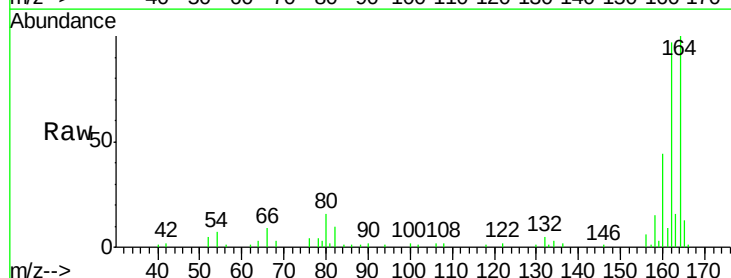


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

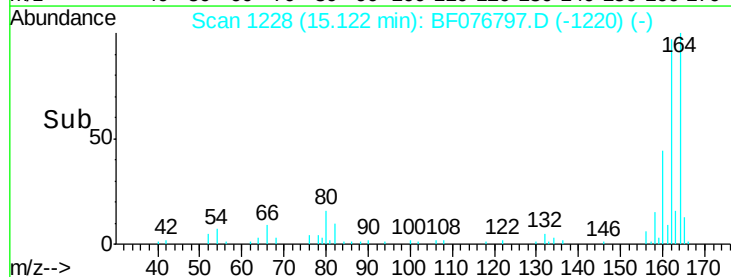
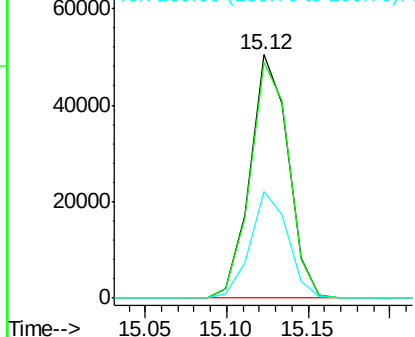


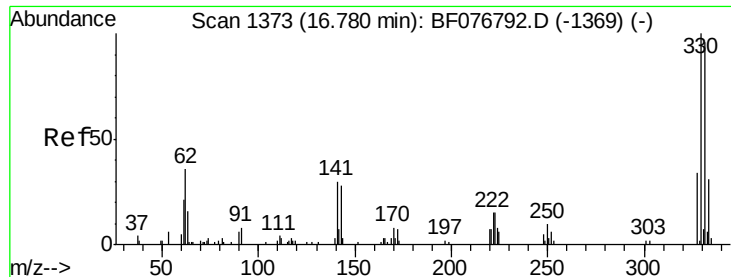
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF076797.D
 Acq: 9 Jan 2015 21:40

Tgt Ion	164	Resp	81301
Ion Ratio	100	Lower	Upper
162	97.0	82.5	123.7
160	43.8	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: 95.17 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076797.D

Acq: 9 Jan 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB81245BL

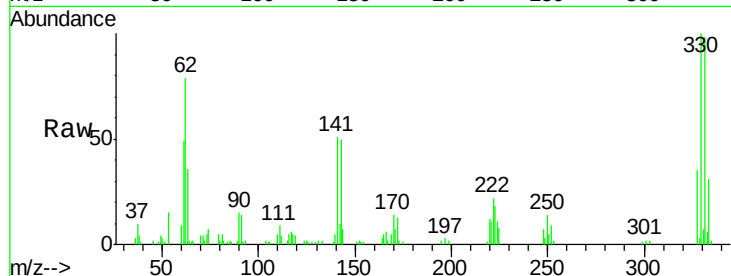
Tot Ion:330 Resp: 66294

Ion Ratio Lower Upper

330 100

332 97.6 74.8 112.2

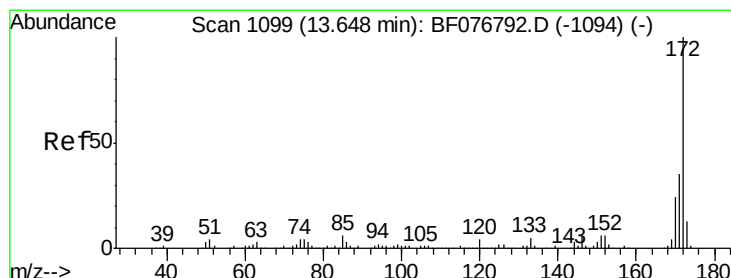
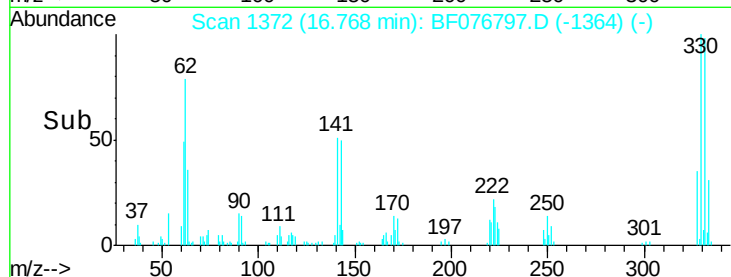
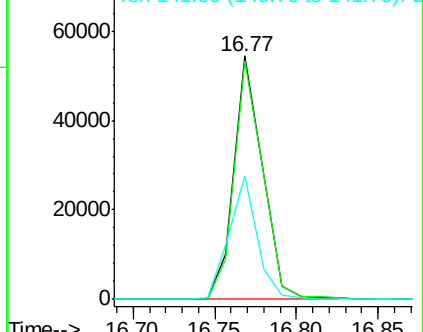
141 49.4 42.4 63.6



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: 61.24 ng

RT: 13.65 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF076797.D

Acq: 9 Jan 2015 21:40

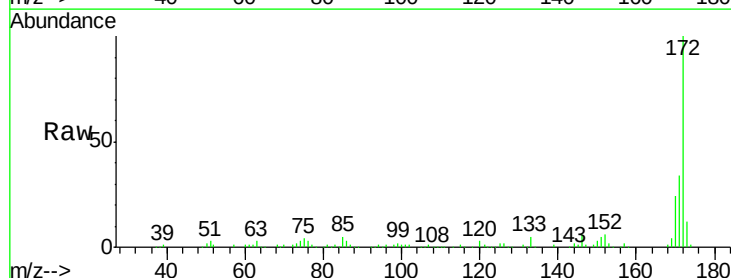
Tgt Ion:172 Resp: 342139

Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.8

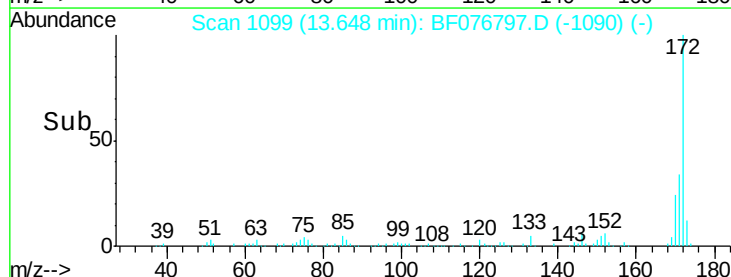
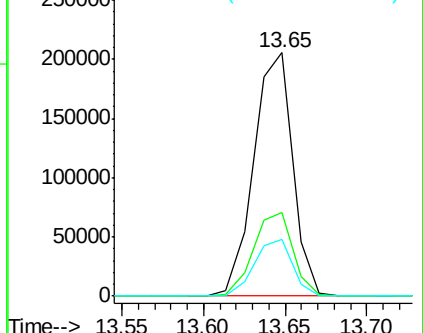
170 23.6 18.8 28.2

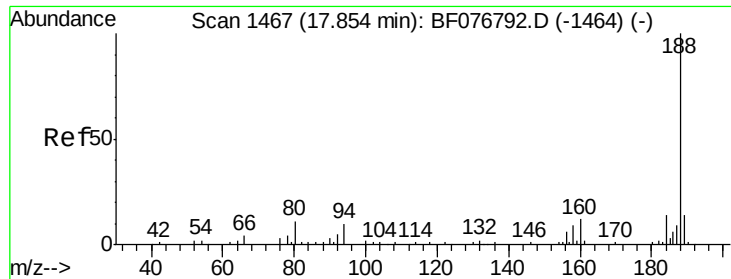


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

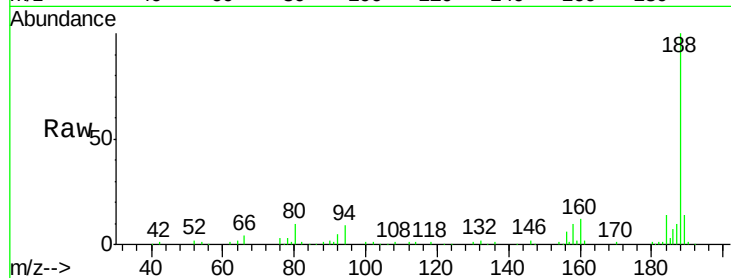




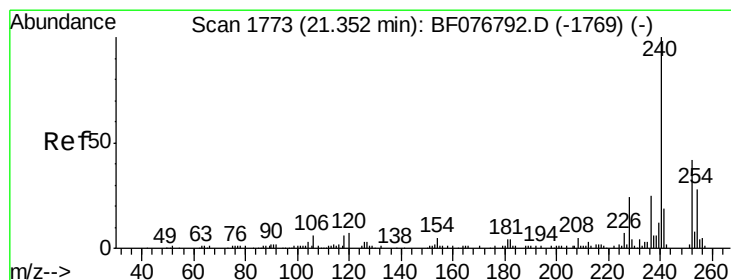
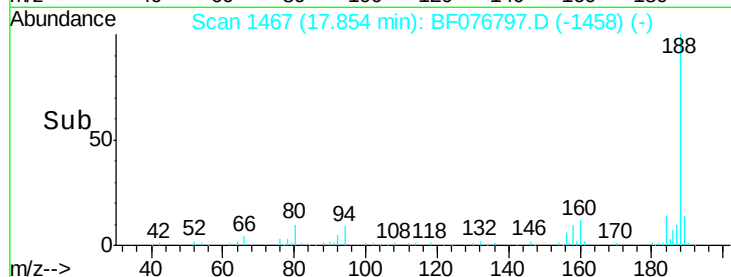
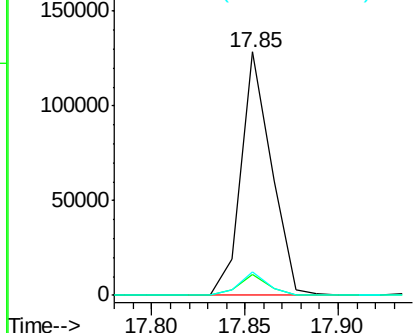
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF076797.D
Acq: 9 Jan 2015 21:40

Instrument :
BNA_F
ClientSampleId :
PB81245BL

Tot Ion:188 Resp: 145206
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.6
80 9.7 8.6 13.0

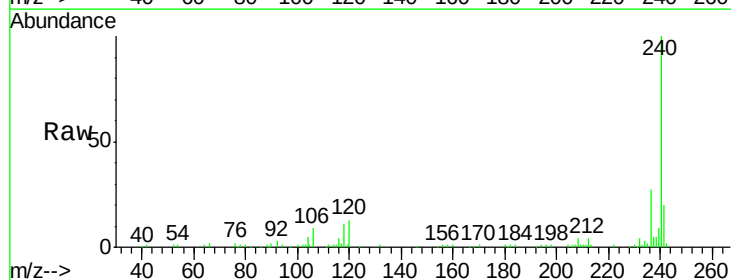


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

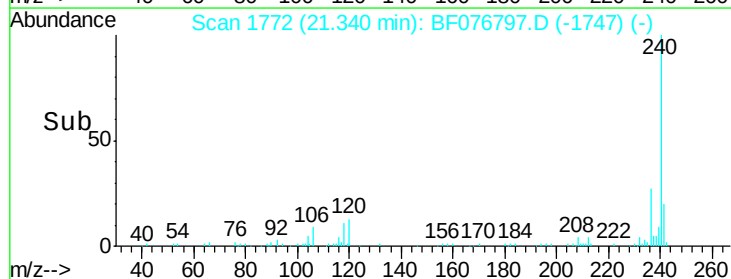
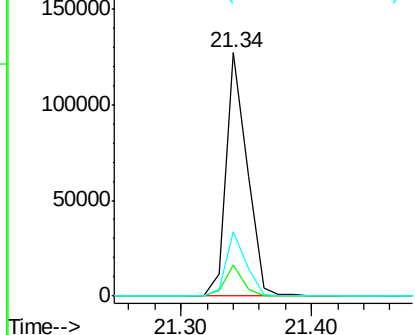


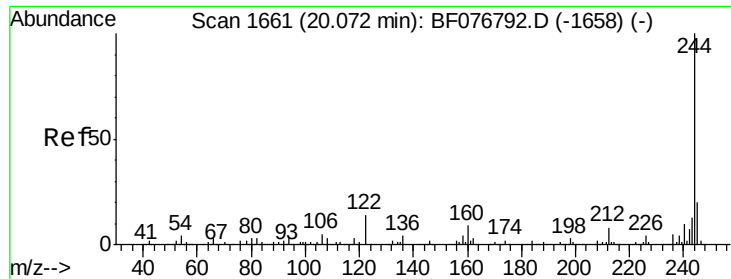
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076797.D
Acq: 9 Jan 2015 21:40

Tgt Ion:240 Resp: 142270
Ion Ratio Lower Upper
240 100
120 13.0 5.7 8.5#
236 26.6 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

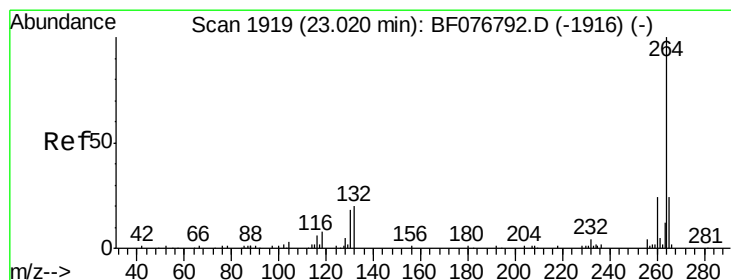
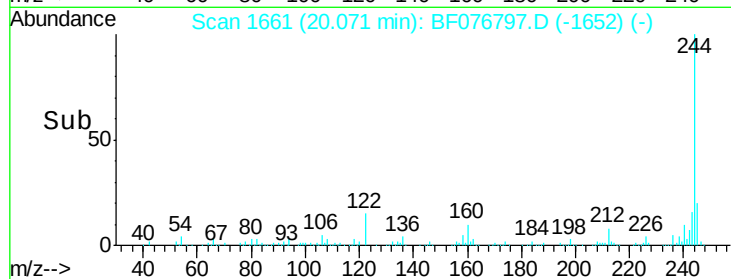
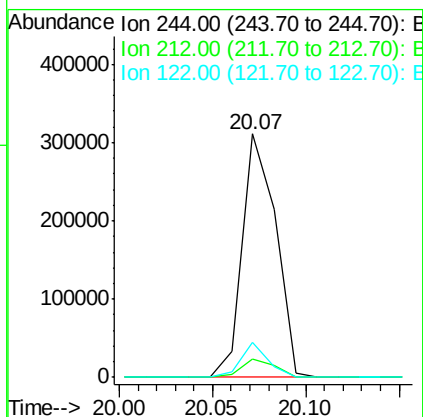
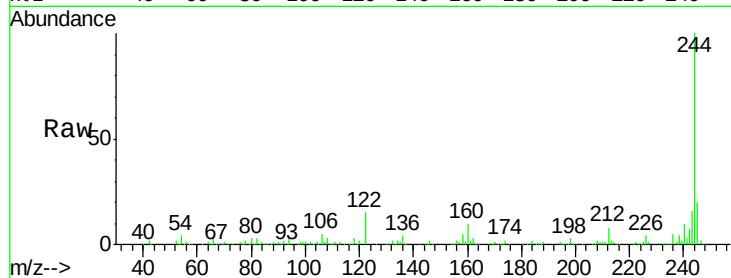




#78
 Terphenyl-d14
 Concen: 58.70 ng
 RT: 20.07 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BF076797.D
 Acq: 9 Jan 2015 21:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81245BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.6	11.3	16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.00 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BF076797.D
 Acq: 9 Jan 2015 21:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.5	18.9	28.3

