

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
 Data File : BF077787.D
 Acq On : 17 Mar 2015 22:37
 Operator : TP/IZ
 Sample : G1547-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615

Quant Time: Mar 18 01:11:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

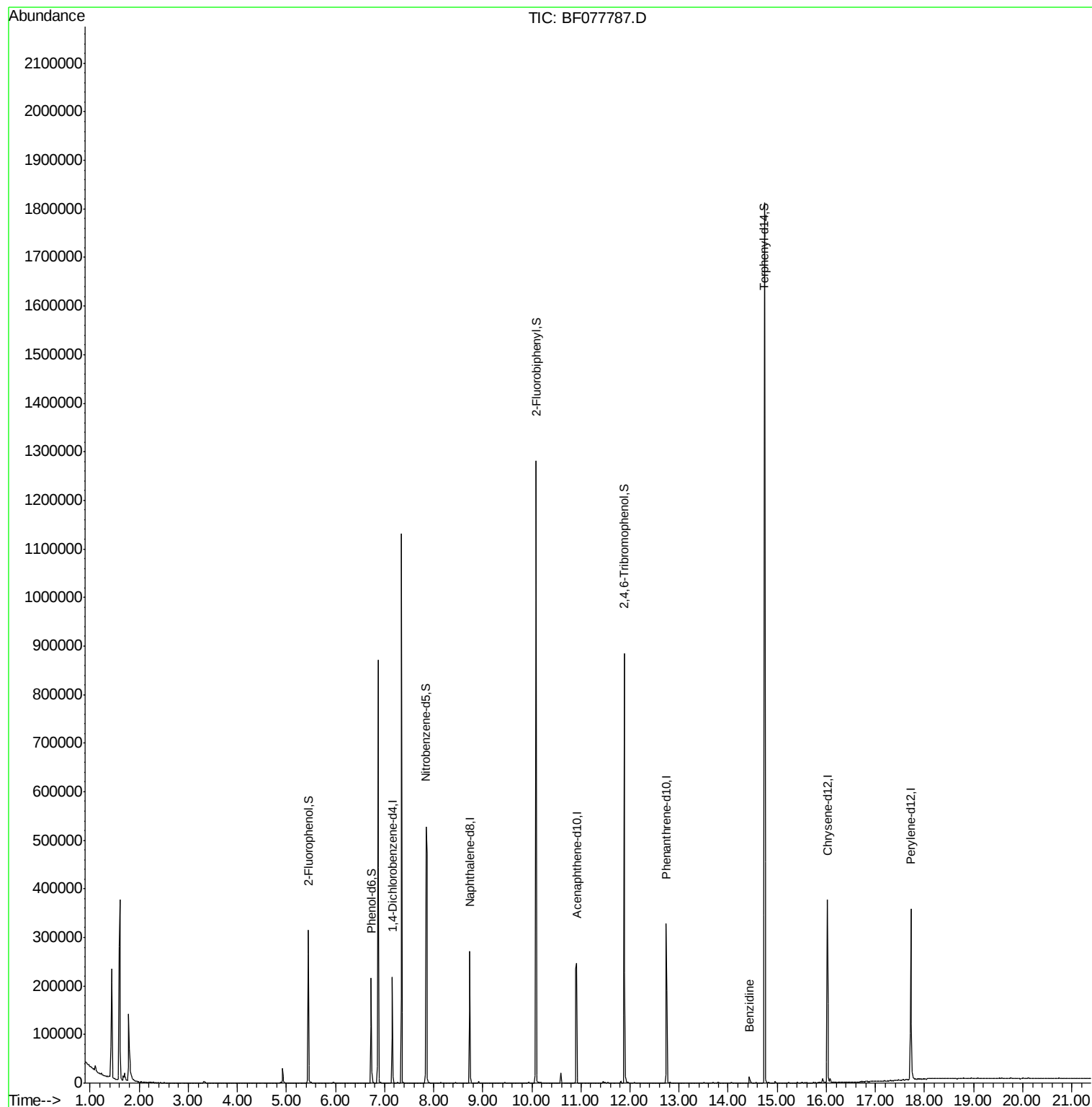
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	39817	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	156943	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	76099	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	157589	20.00	ng	-0.01
75) Chrysene-d12	16.02	240	162912	20.00	ng	-0.01
86) Perylene-d12	17.72	264	158673	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	137470	60.26	ng	0.00
7) Phenol-d6	6.73	99	97538	34.61	ng	0.00
23) Nitrobenzene-d5	7.85	82	249380	104.16	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	108378	148.85	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	577175	111.46	ng	0.00
78) Terphenyl-d14	14.74	244	641953	96.25	ng	0.00
Target Compounds						
76) Benzidine	14.43	184	10189	2.06	ng	Qvalue 97

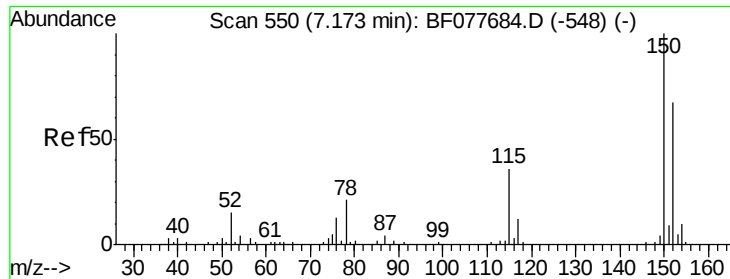
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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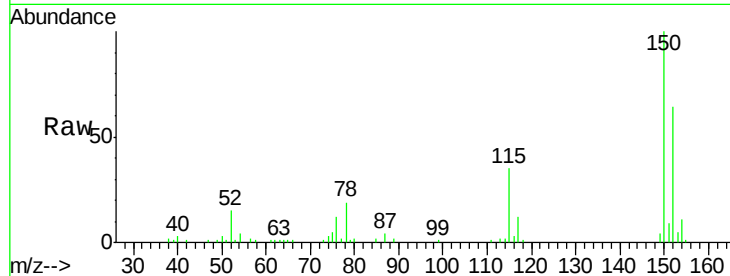


#1

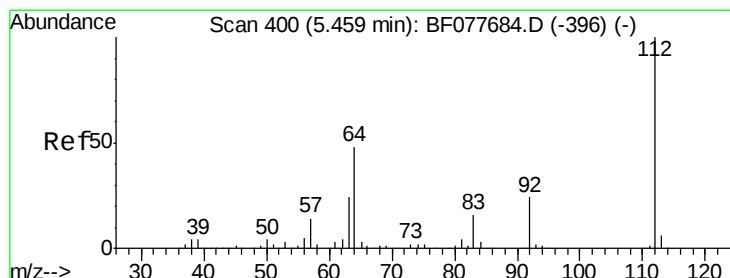
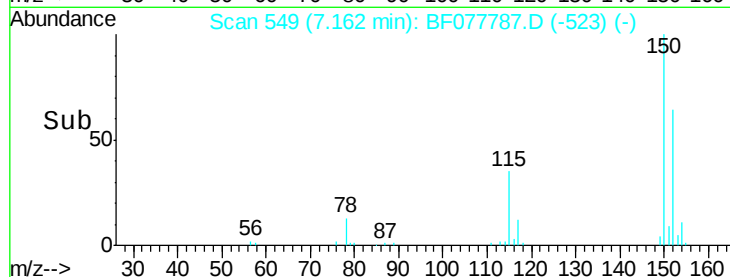
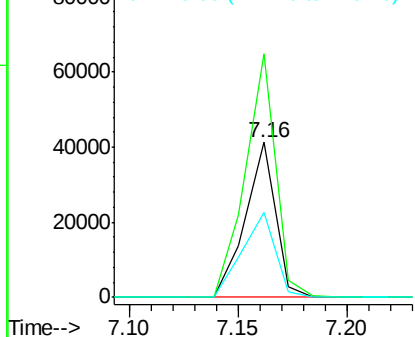
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077787.D
Acq: 17 Mar 2015 22:37

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097A-31615

Tot Ion:152 Resp: 39817
Ion Ratio Lower Upper
152 100
150 156.9 119.5 179.3
115 54.7 43.0 64.4



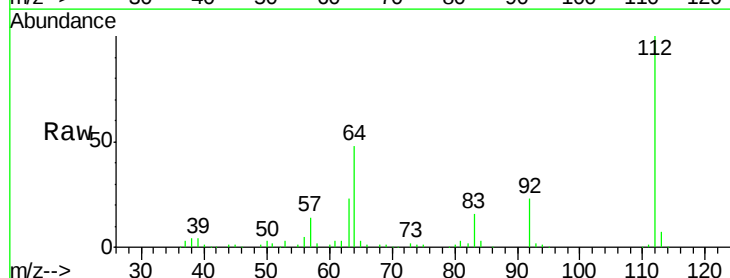
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



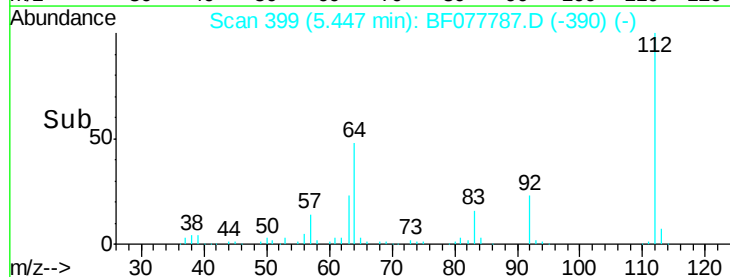
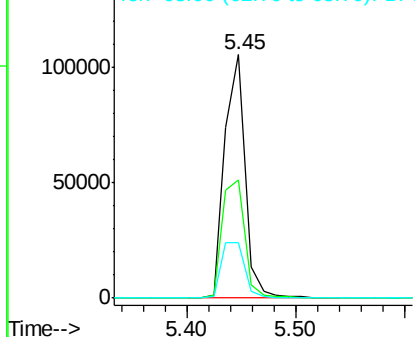
#5

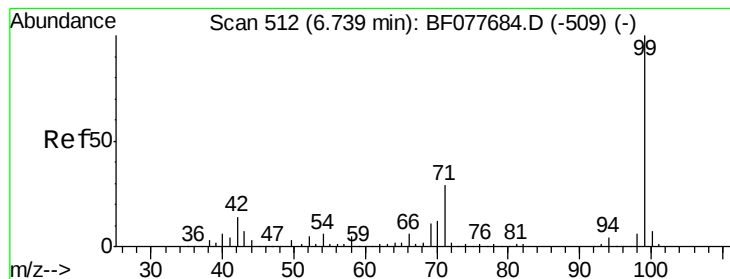
2-Fluorophenol
Concen: 60.26 ng
RT: 5.45 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF077787.D
Acq: 17 Mar 2015 22:37

Tgt Ion:112 Resp: 137470
Ion Ratio Lower Upper
112 100
64 48.3 38.6 57.8
63 22.9 19.3 28.9



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: 34.61 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077787.D

Acq: 17 Mar 2015 22:37

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097A-31615

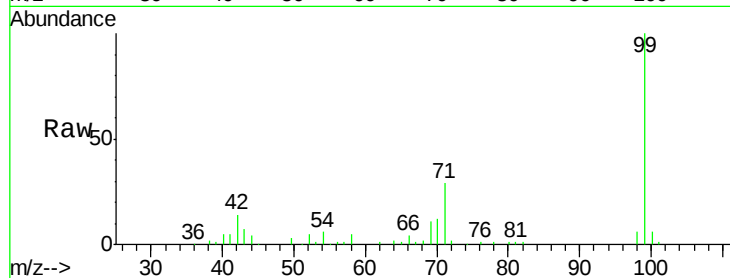
Tot Ion: 99 Resp: 97538

Ion Ratio Lower Upper

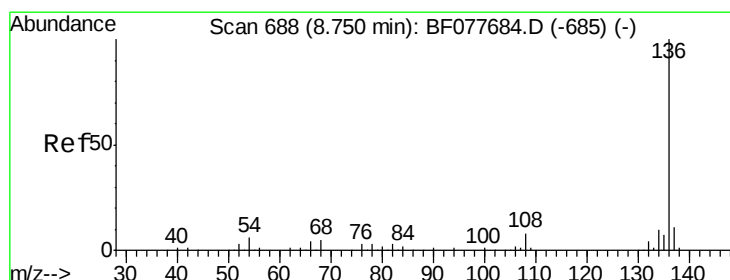
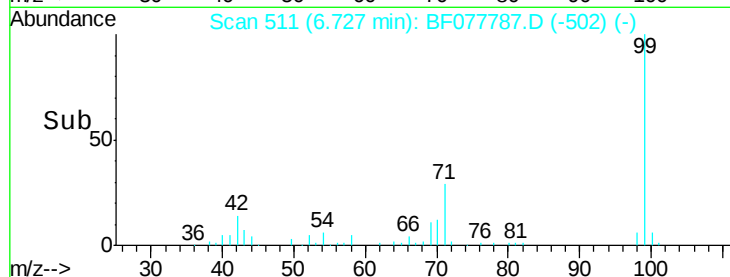
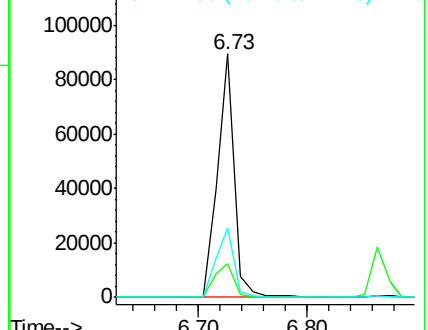
99 100

42 13.6 11.0 16.4

71 28.5 23.4 35.2



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: 8.74 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF077787.D

Acq: 17 Mar 2015 22:37

Tgt Ion: 136 Resp: 156943

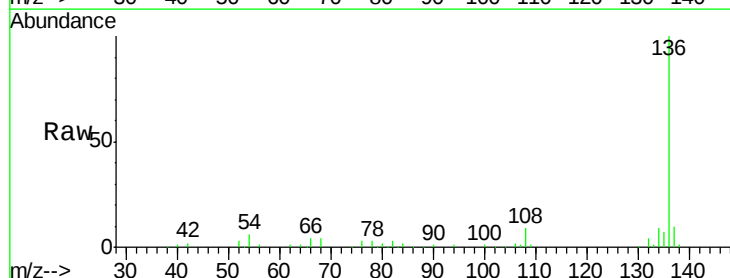
Ion Ratio Lower Upper

136 100

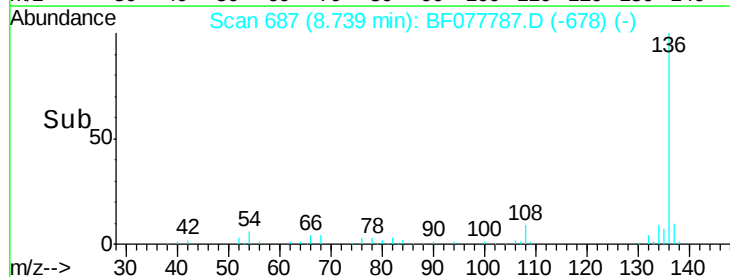
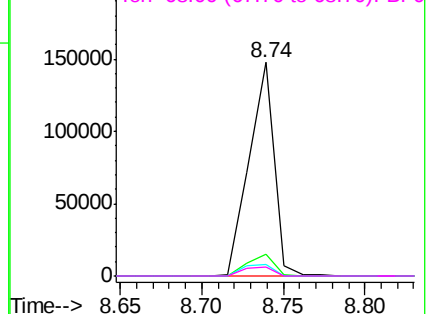
137 10.2 8.7 13.1

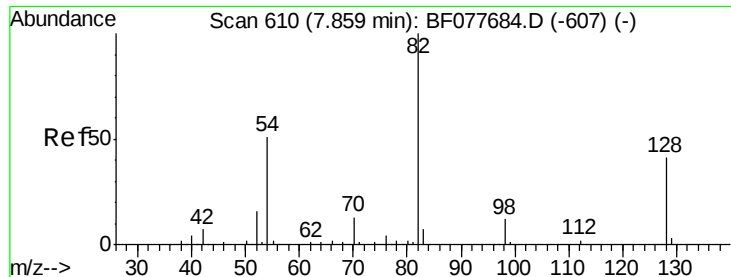
54 5.6 4.6 6.8

68 4.5 3.7 5.5



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

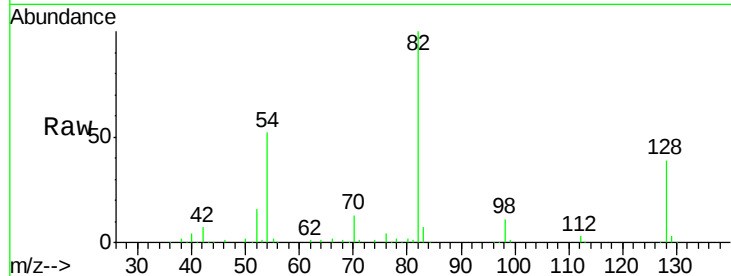




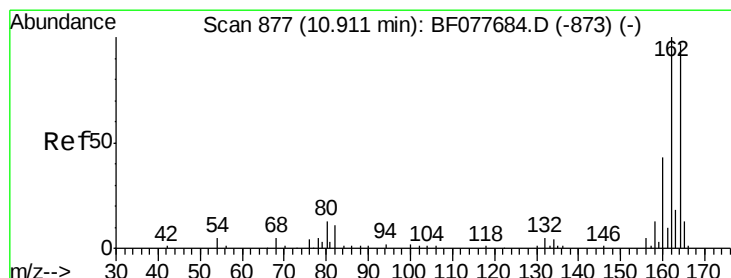
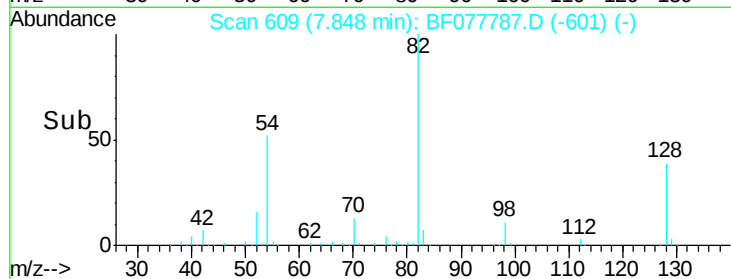
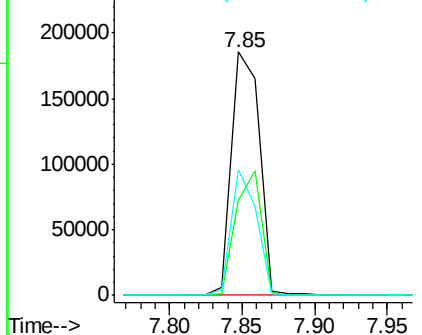
#23
 Nitrobenzene-d5
 Concen: 104.16 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF077787.D
 Acq: 17 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615

Tot Ion	82	Resp	249380
Ion Ratio	100	Lower	Upper
128	39.1	32.8	49.2
54	51.9	40.6	60.8

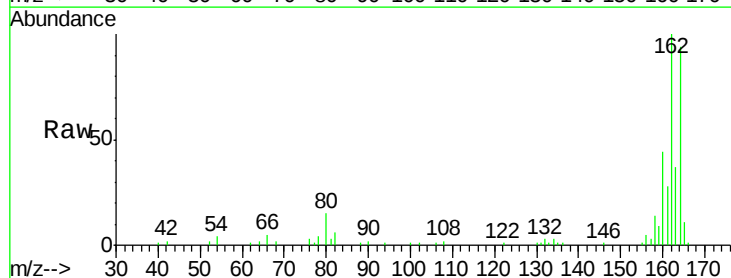


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

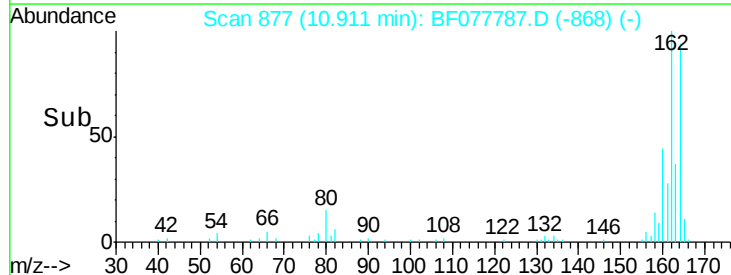
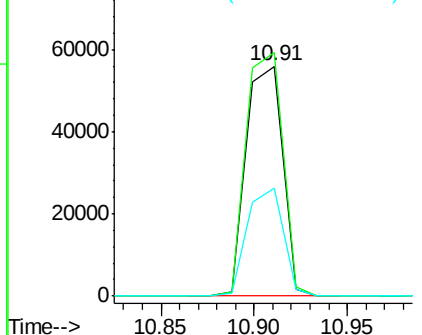


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077787.D
 Acq: 17 Mar 2015 22:37

Tgt Ion	164	Resp	76099
Ion Ratio	100	Lower	Upper
162	106.1	82.4	123.6
160	47.1	35.8	53.6



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

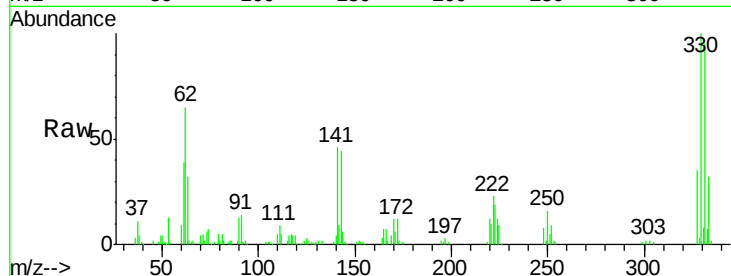




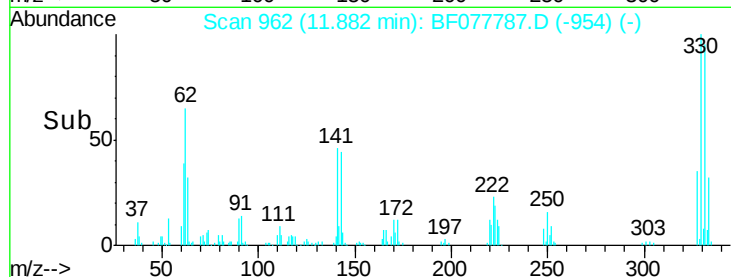
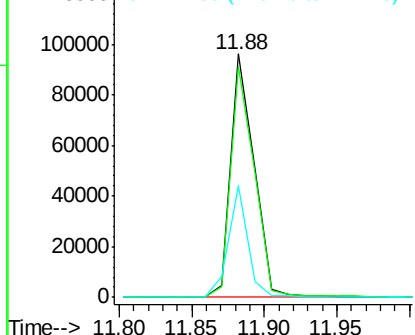
#41
 2,4,6-Tribromophenol
 Concen: 148.85 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077787.D
 Acq: 17 Mar 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	37.9	0.0	0.0#

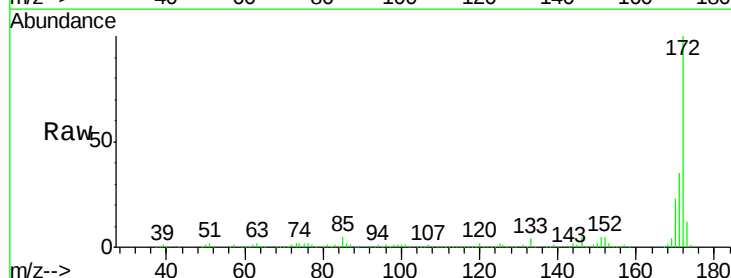


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

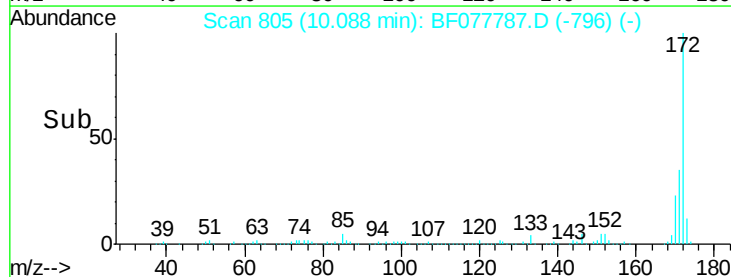
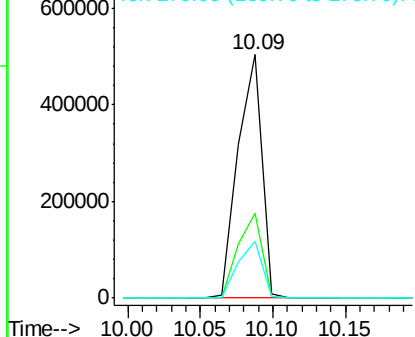


#44
 2-Fluorobiphenyl
 Concen: 111.46 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077787.D
 Acq: 17 Mar 2015 22:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.1	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

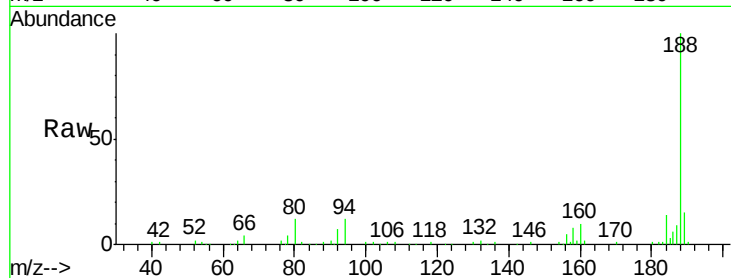




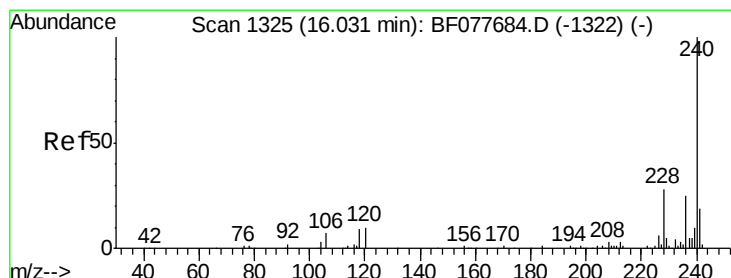
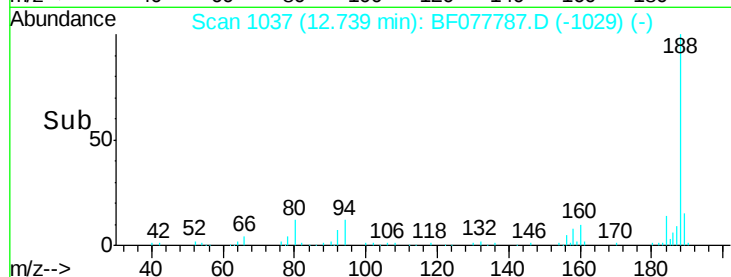
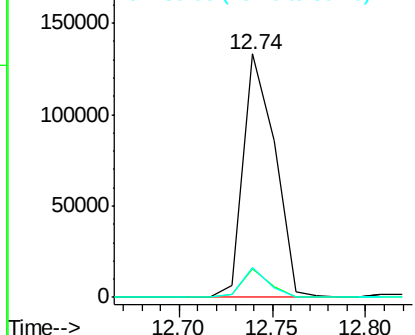
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF077787.D
Acq: 17 Mar 2015 22:37

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097A-31615

Tot Ion:188 Resp: 157589
Ion Ratio Lower Upper
188 100
94 11.7 8.7 13.1
80 12.1 9.3 13.9

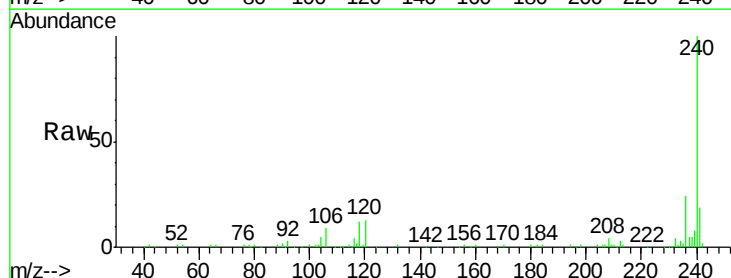


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

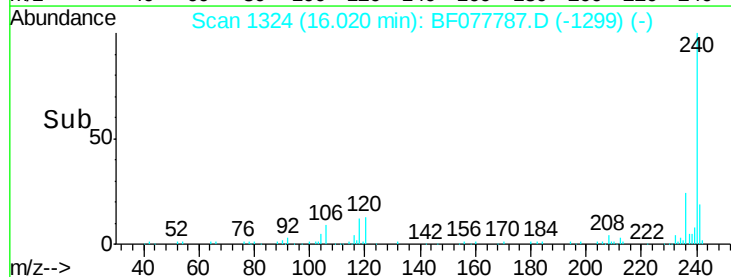
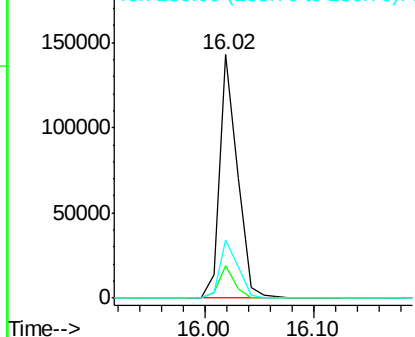


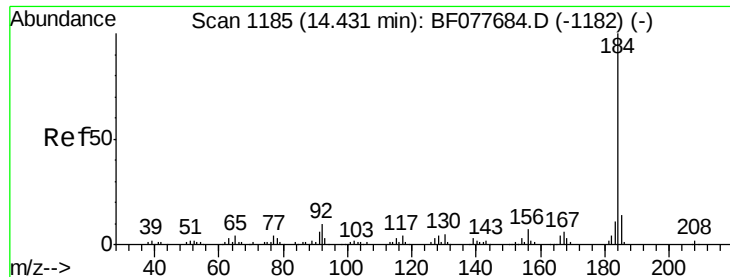
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077787.D
Acq: 17 Mar 2015 22:37

Tgt Ion:240 Resp: 162912
Ion Ratio Lower Upper
240 100
120 13.3 8.2 12.2#
236 24.1 20.0 30.0



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

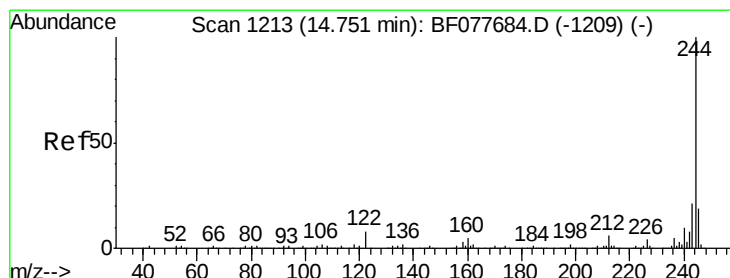
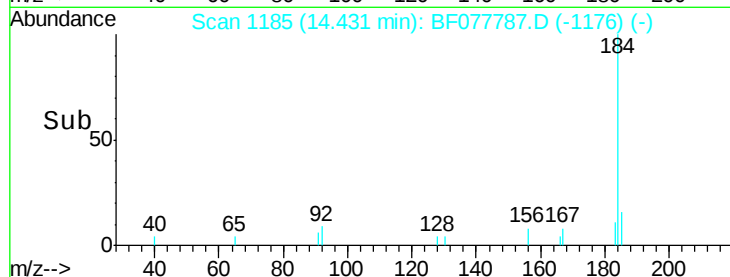
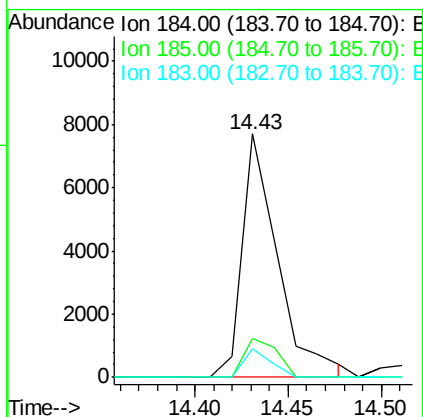
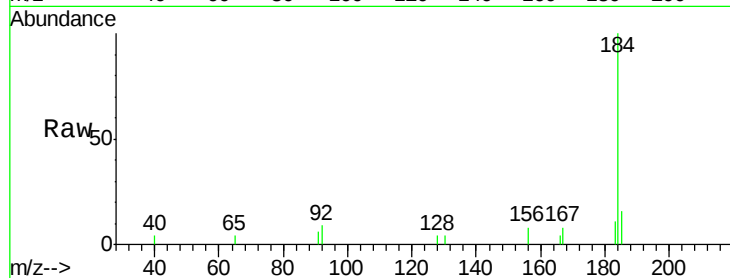




#76
Benzidine
Concen: 2.06 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF077787.D
Acq: 17 Mar 2015 22:37

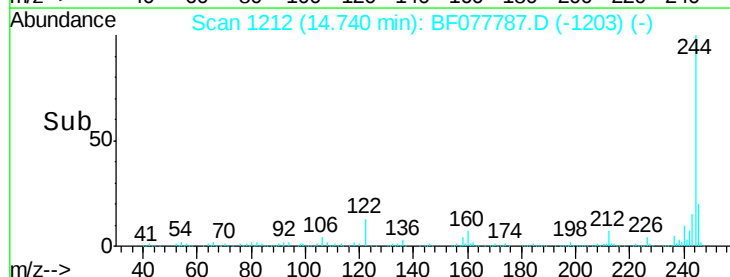
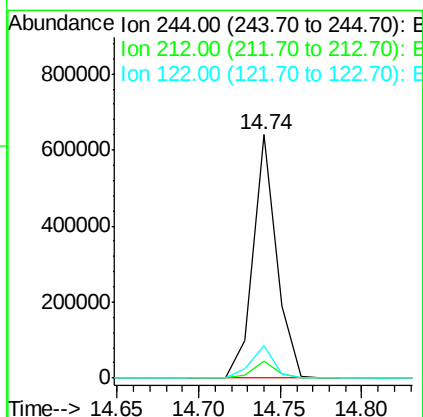
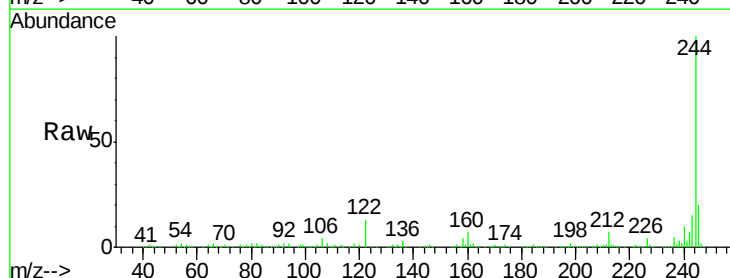
Instrument :
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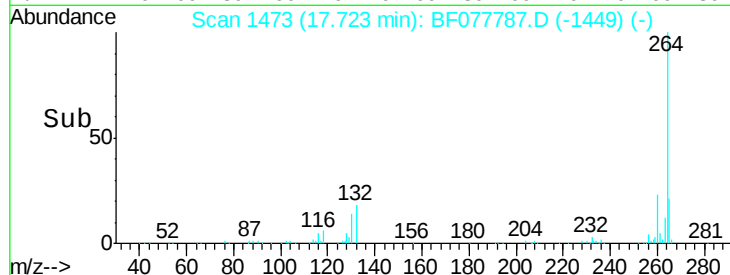
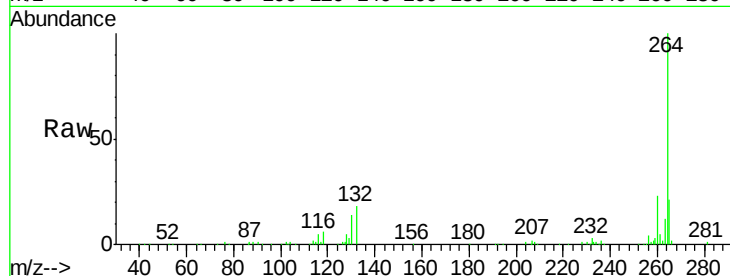
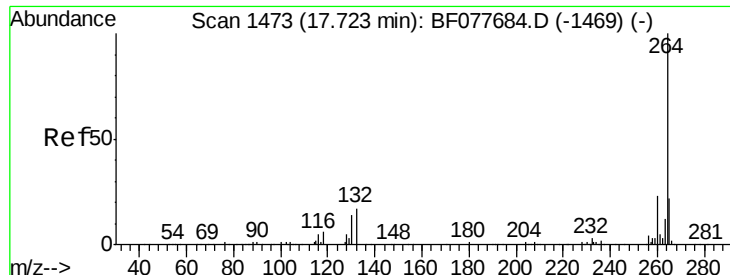
Tot Ion:184 Resp: 10189
Ion Ratio Lower Upper
184 100
185 16.0 11.3 16.9
183 11.5 8.9 13.3



#78
Terphenyl-d14
Concen: 96.25 ng
RT: 14.74 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF077787.D
Acq: 17 Mar 2015 22:37

Tgt Ion:244 Resp: 641953
Ion Ratio Lower Upper
244 100
212 7.1 4.9 7.3
122 13.1 6.2 9.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.72 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF077787.D
Acq: 17 Mar 2015 22:37

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097A-31615

Tot Ion:264	Resp:	158673
Ion Ratio	Lower	Upper
264	100	
260	22.5	18.6 27.8
265	21.4	17.3 25.9

