

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
 Data File : BF077776.D
 Acq On : 17 Mar 2015 17:21
 Operator : TP/IZ
 Sample : PB82148BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BL

Quant Time: Mar 18 00:06:25 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

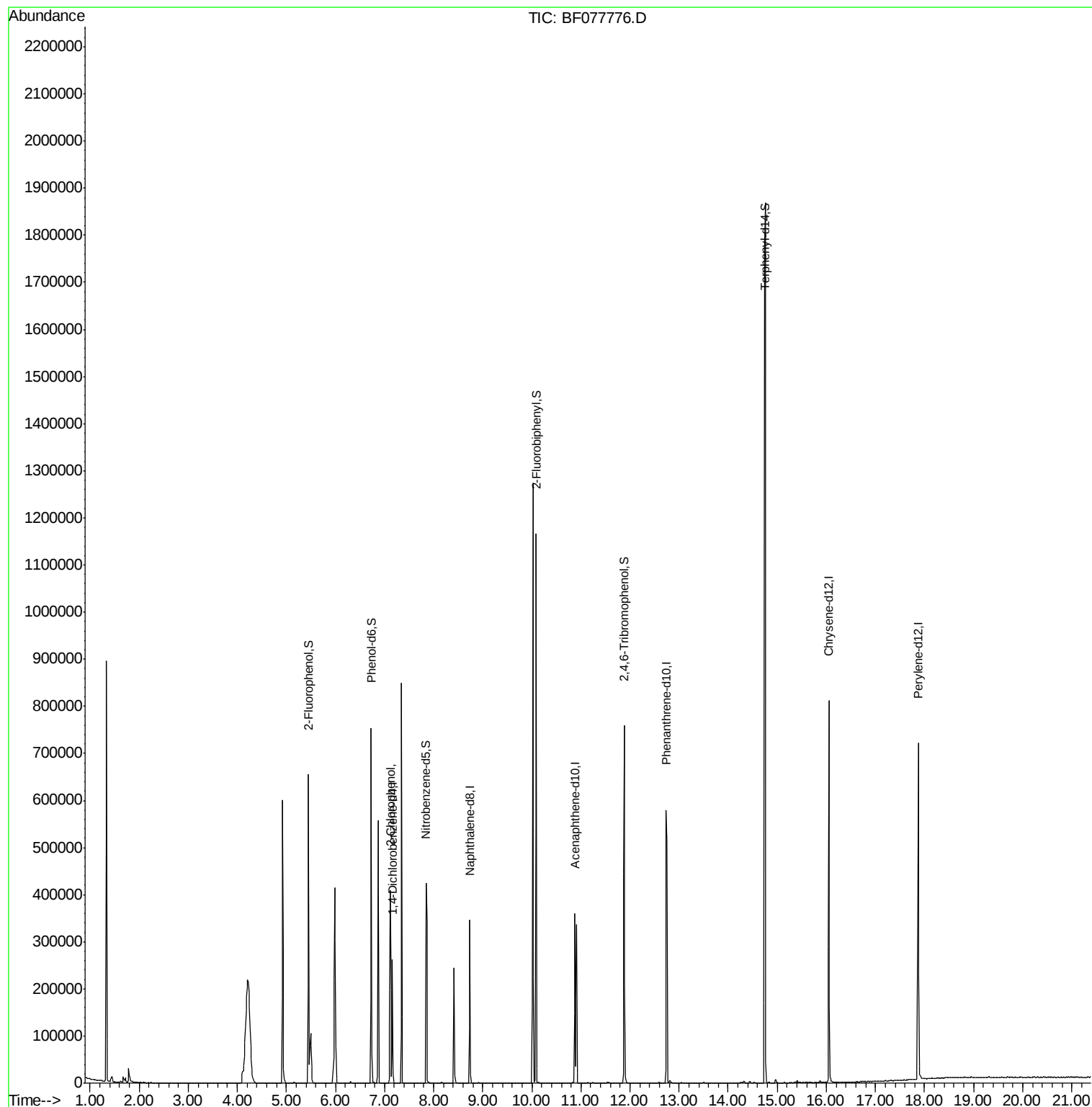
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	43113	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	170309	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	83398	20.00	ng	-0.03
63) Phenanthrene-d10	12.74	188	319394	20.00	ng	-0.01
75) Chrysene-d12	16.05	240	343859	20.00	ng	0.02
86) Perylene-d12	17.87	264	342103	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	208355	84.36	ng	0.00
7) Phenol-d6	6.73	99	267256	87.58	ng	0.00
23) Nitrobenzene-d5	7.85	82	190540	73.34	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	119880	150.24	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	430633	75.88	ng	0.00
78) Terphenyl-d14	14.75	244	955643	67.89	ng	0.01
Target Compounds						
8) 2-Chlorophenol	7.12	128	83081	28.26	ng	# 39
76) Benzidine	14.44	184	3795	Below Cal		# 85

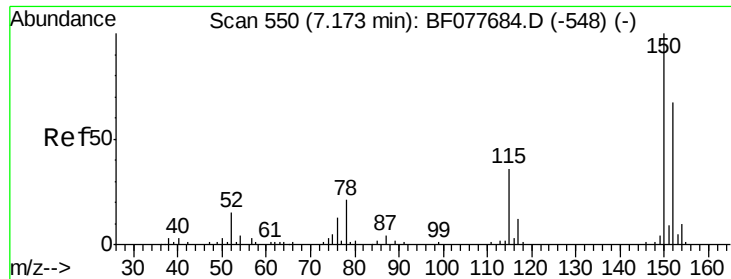
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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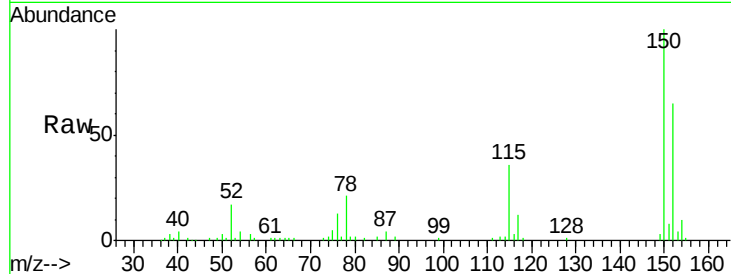


#1

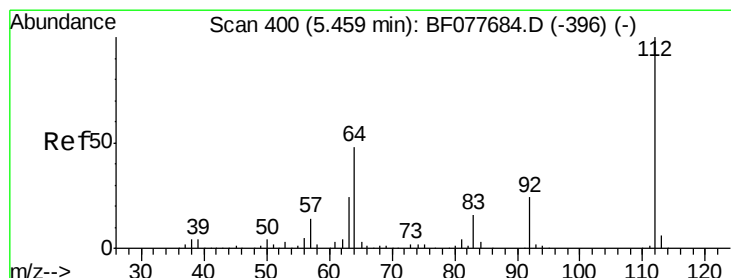
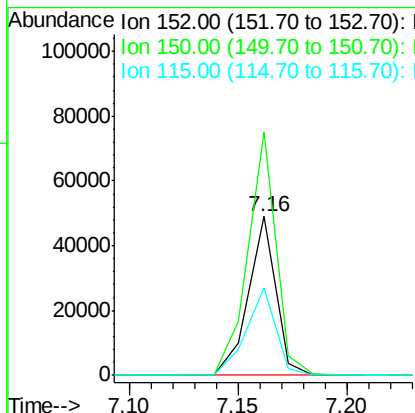
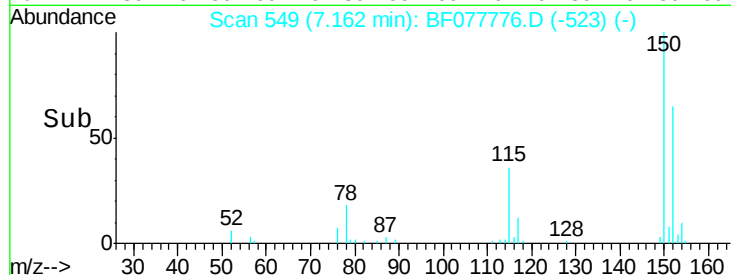
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF077776.D
 Acq: 17 Mar 2015 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BL

Tgt Ion:152 Resp: 43113
 Ion Ratio Lower Upper
 152 100
 150 153.4 119.5 179.3
 115 54.7 43.0 64.4



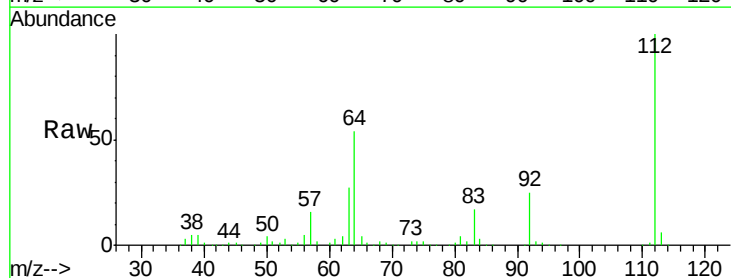
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



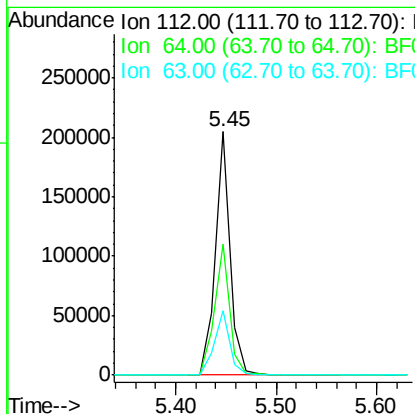
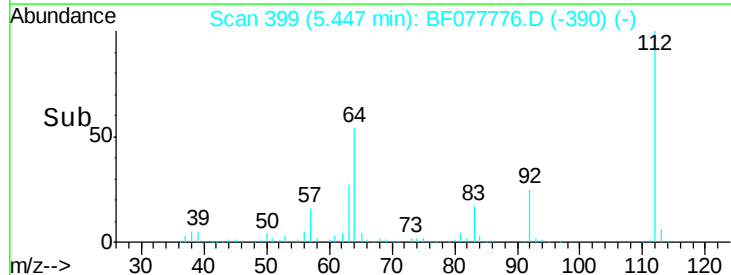
#5

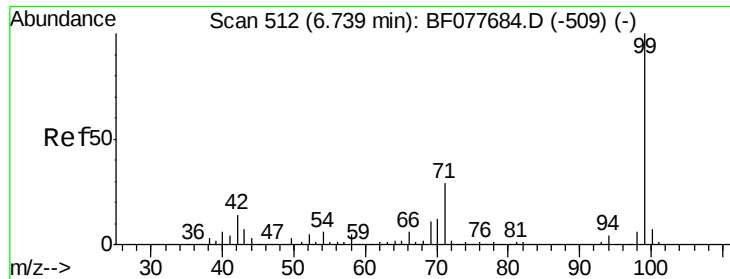
2-Fluorophenol
 Concen: 84.36 ng
 RT: 5.45 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BF077776.D
 Acq: 17 Mar 2015 17:21

Tgt Ion:112 Resp: 208355
 Ion Ratio Lower Upper
 112 100
 64 53.7 38.6 57.8
 63 26.6 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: 87.58 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077776.D

Acq: 17 Mar 2015 17:21

Instrument :

BNA_F

ClientSampleId :

PB82148BL

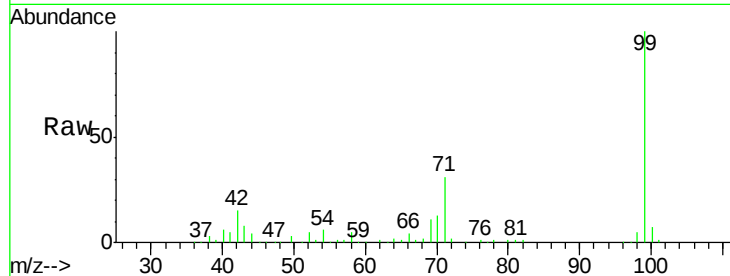
Tgt Ion: 99 Resp: 267256

Ion Ratio Lower Upper

99 100

42 15.1 11.0 16.4

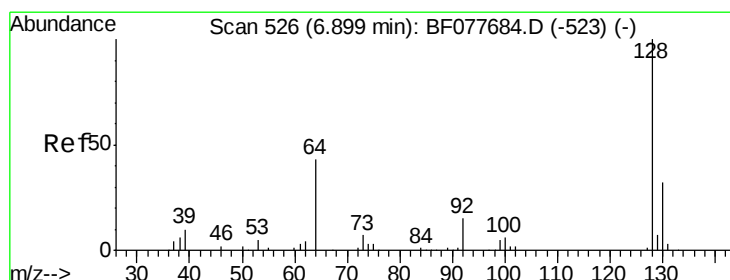
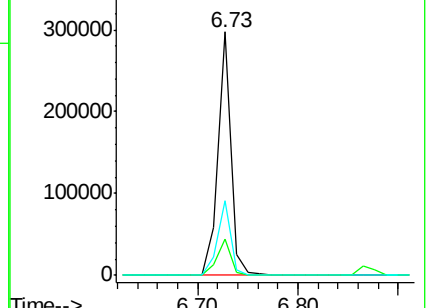
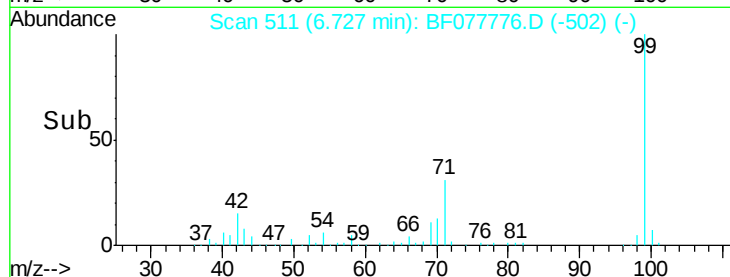
71 30.9 23.4 35.2



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



#8

2-Chlorophenol

Concen: 28.26 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.23 min

Lab File: BF077776.D

Acq: 17 Mar 2015 17:21

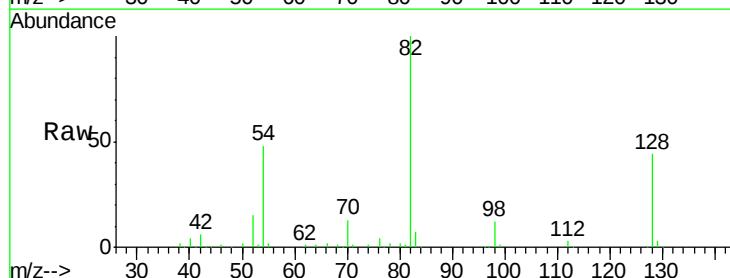
Tgt Ion: 128 Resp: 83081

Ion Ratio Lower Upper

128 100

130 0.6 12.0 52.0#

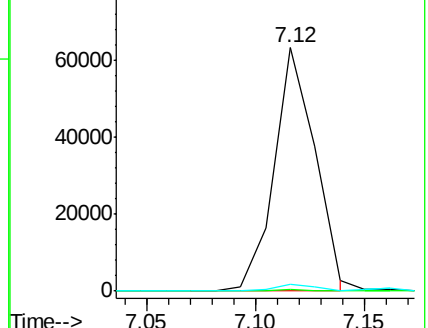
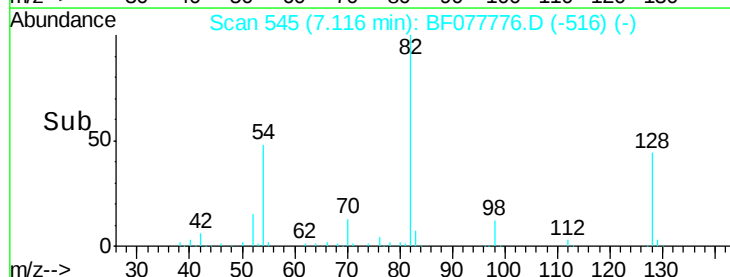
64 2.9 24.9 64.9#

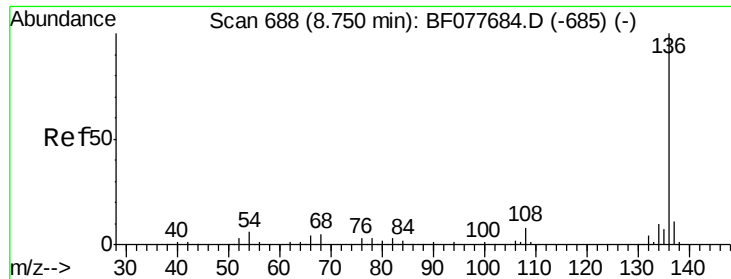


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

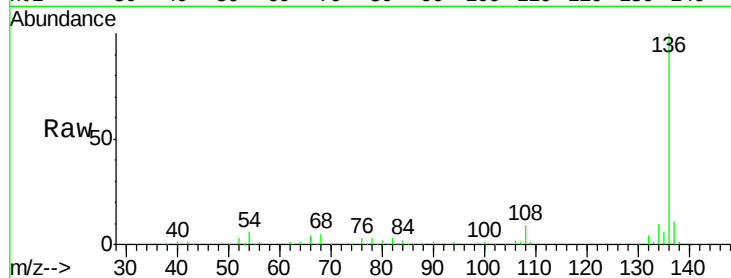




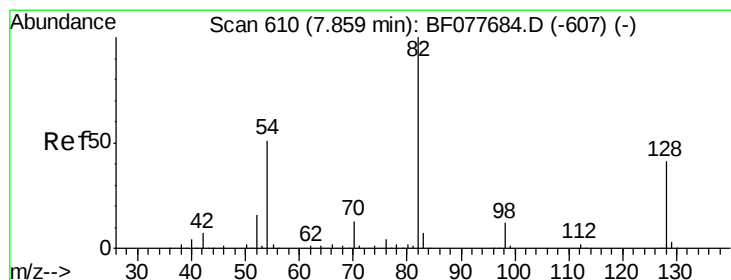
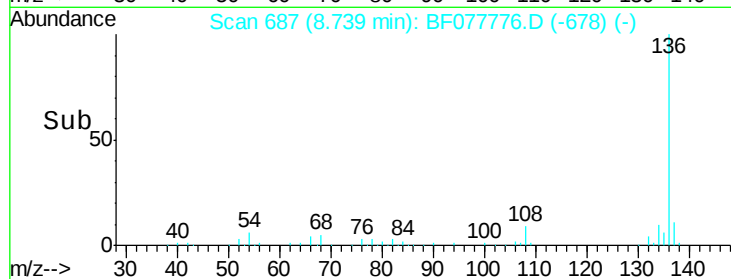
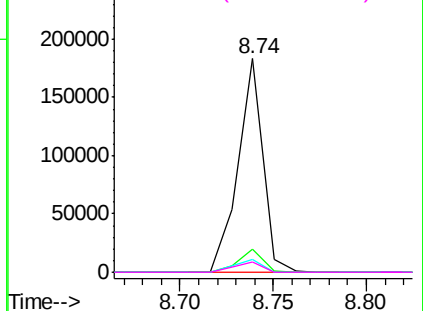
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077776.D
Acq: 17 Mar 2015 17:21

Instrument :
BNA_F
ClientSampleId :
PB82148BL

Tgt Ion:	136	Resp:	170309
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.3	4.6	6.8
68	5.0	3.7	5.5

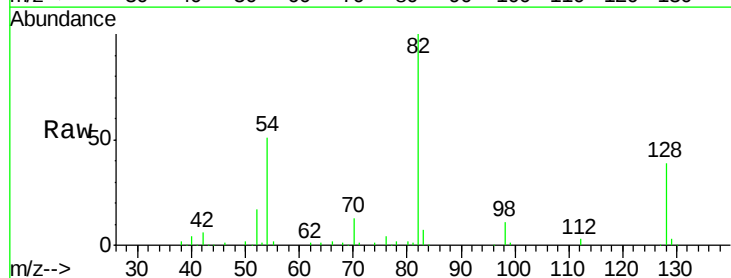


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

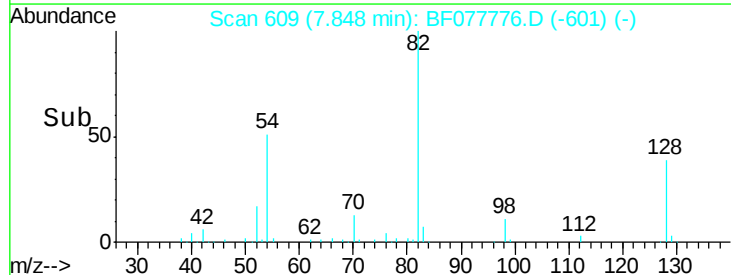
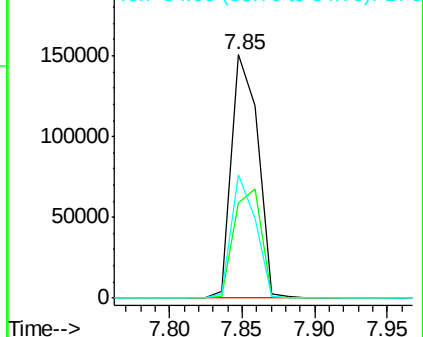


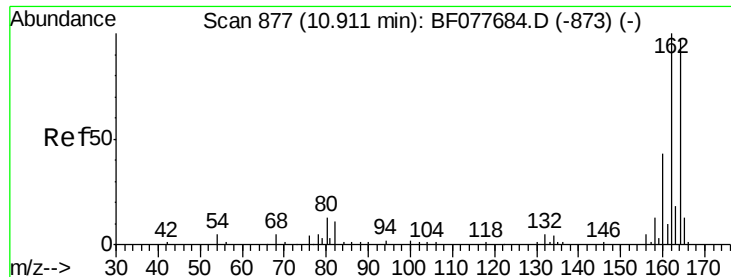
#23
Nitrobenzene-d5
Concen: 73.34 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF077776.D
Acq: 17 Mar 2015 17:21

Tgt Ion:	82	Resp:	190540
Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.8	49.2
54	50.9	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

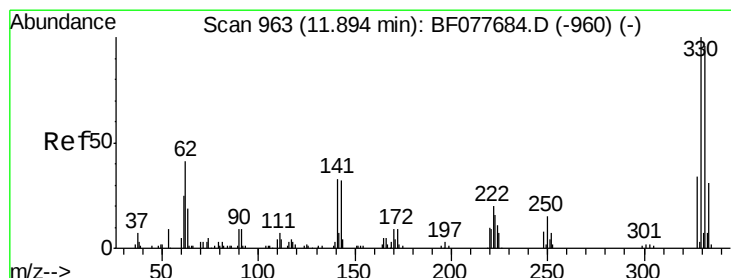
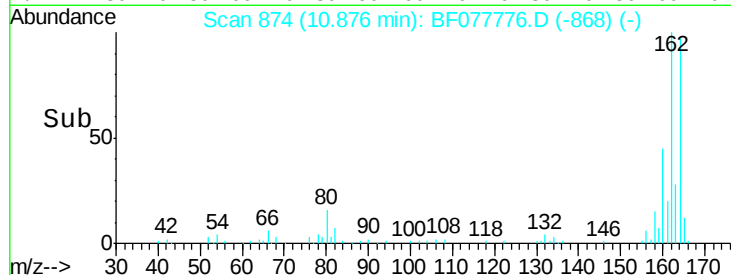
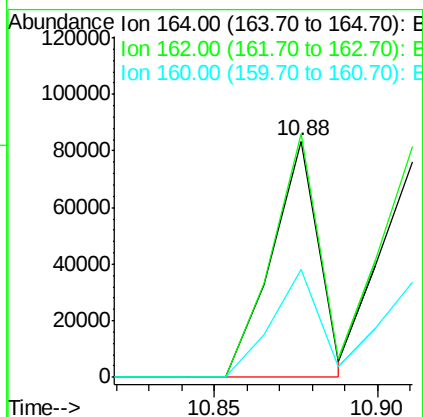
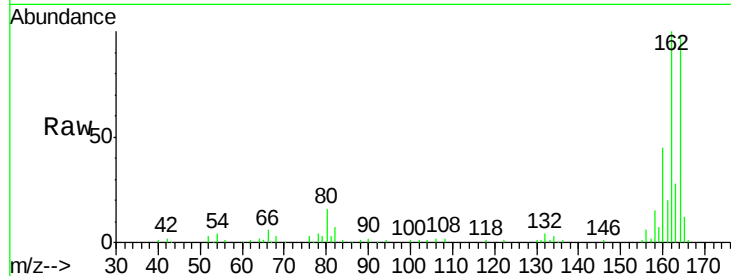




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF077776.D
Acq: 17 Mar 2015 17:21

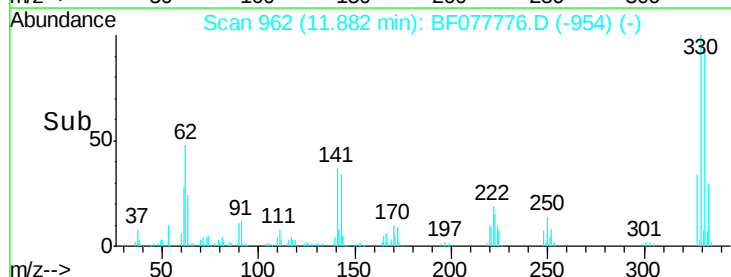
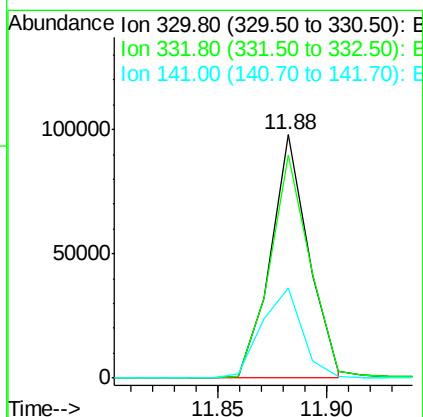
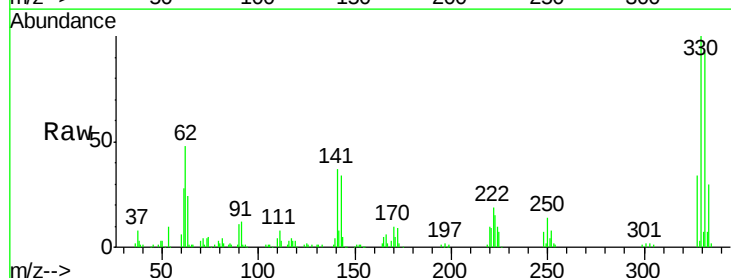
Instrument :
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PB82148BL

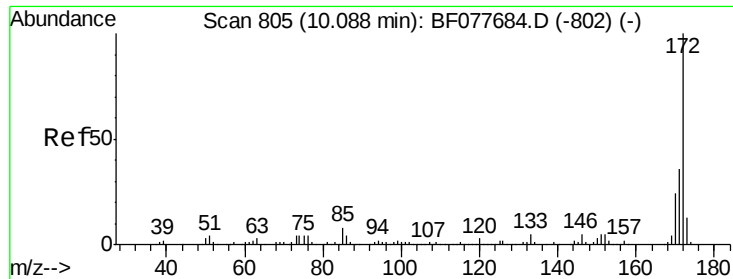
Tgt Ion:164 Resp: 83398
Ion Ratio Lower Upper
164 100
162 102.9 82.4 123.6
160 45.8 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 150.24 ng
RT: 11.88 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF077776.D
Acq: 17 Mar 2015 17:21

Tgt Ion:330 Resp: 119880
Ion Ratio Lower Upper
330 100
332 95.4 0.0 0.0#
141 39.2 0.0 0.0#

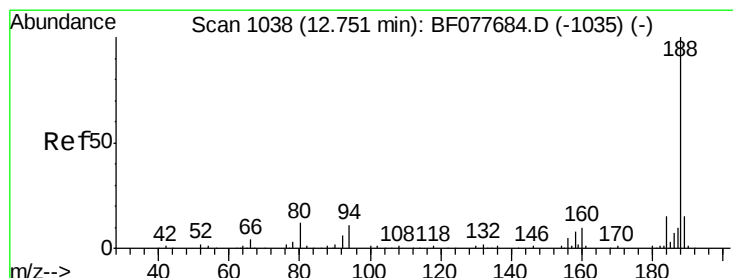
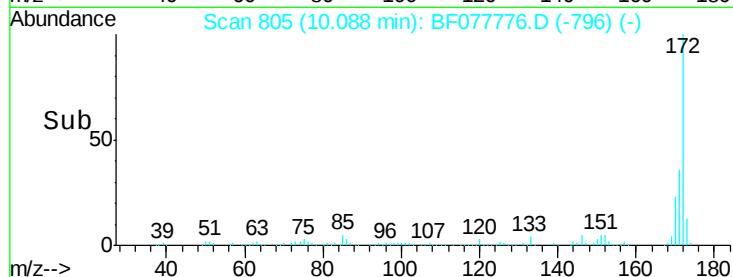
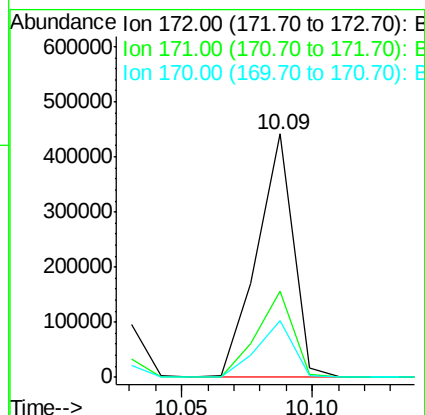
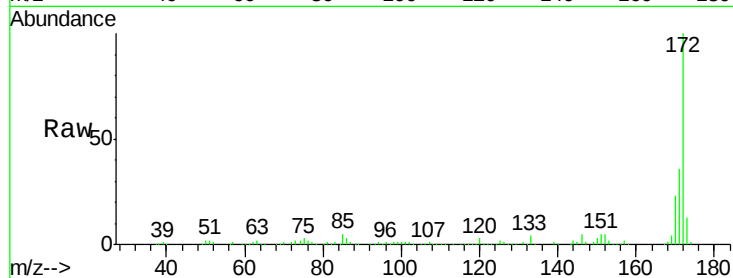




#44
 2-Fluorobiphenyl
 Concen: 75.88 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077776.D
 Acq: 17 Mar 2015 17:21

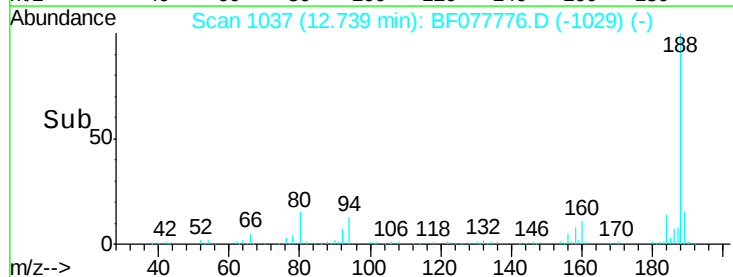
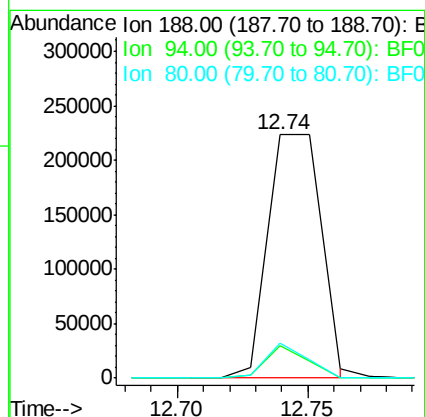
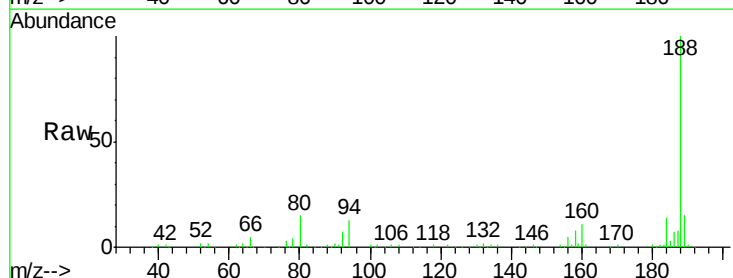
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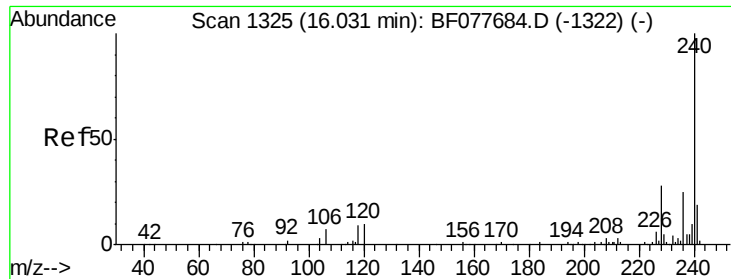
Tgt Ion:172 Resp: 430633
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.5 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF077776.D
 Acq: 17 Mar 2015 17:21

Tgt Ion:188 Resp: 319394
 Ion Ratio Lower Upper
 188 100
 94 13.1 8.7 13.1#
 80 14.6 9.3 13.9#

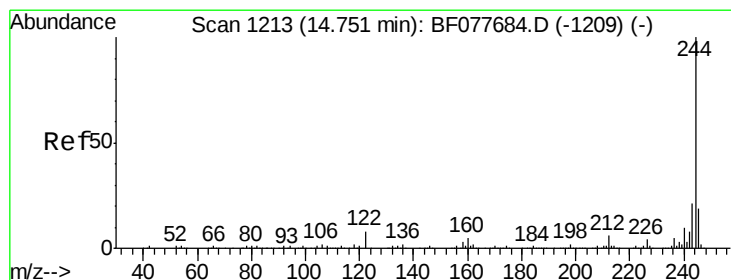
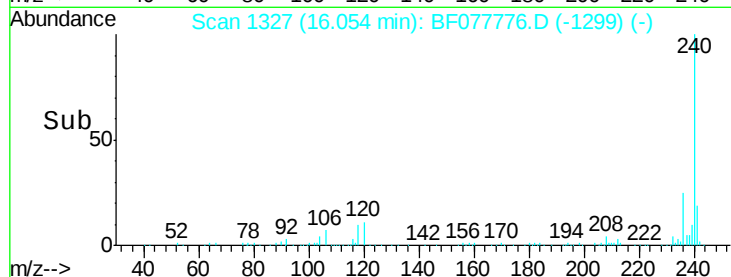
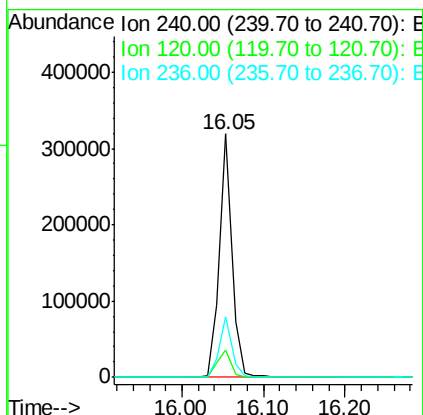
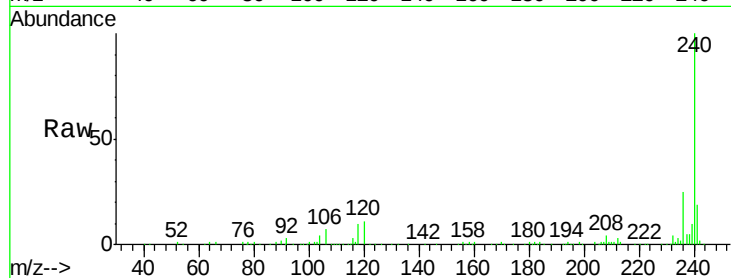




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF077776.D
Acq: 17 Mar 2015 17:21

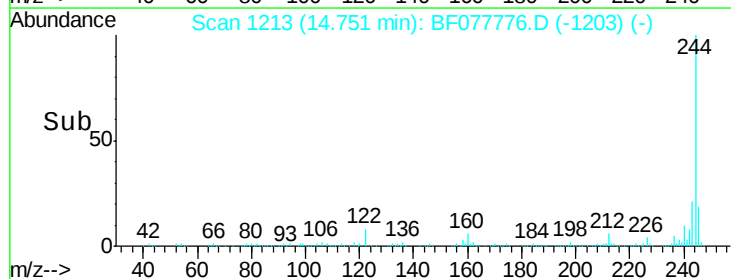
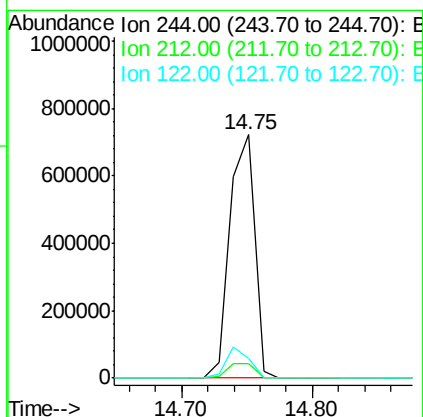
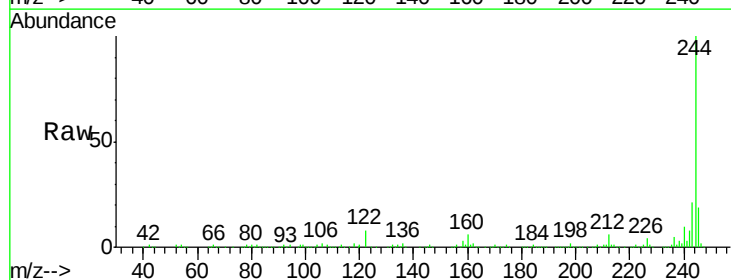
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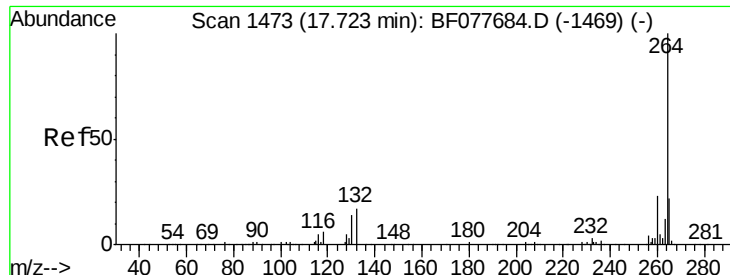
Tgt Ion:240 Resp: 343859
Ion Ratio Lower Upper
240 100
120 11.1 8.2 12.2
236 25.0 20.0 30.0



#78
Terphenyl-d14
Concen: 67.89 ng
RT: 14.75 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF077776.D
Acq: 17 Mar 2015 17:21

Tgt Ion:244 Resp: 955643
Ion Ratio Lower Upper
244 100
212 6.1 4.9 7.3
122 8.2 6.2 9.4





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.87 min Scan# 1486

Delta R.T. 0.13 min

Lab File: BF077776.D

Acq: 17 Mar 2015 17:21

Instrument :

BNA_F

ClientSampleId :

PB82148BL

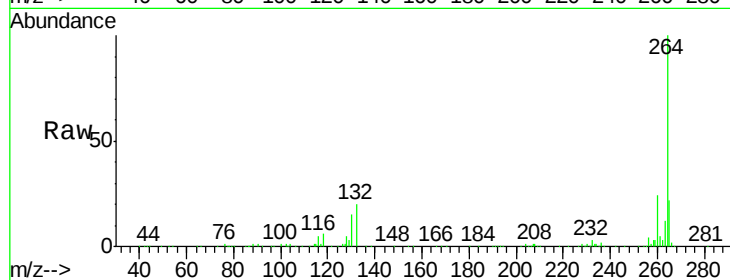
Tgt Ion: 264 Resp: 342103

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

