

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021315\
 Data File : BF077310.D
 Acq On : 13 Feb 2015 16:16
 Operator : TP/IZ
 Sample : G1269-01DL2 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL2

Quant Time: Feb 13 23:49:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 13:10:36 2015
 Response via : Initial Calibration

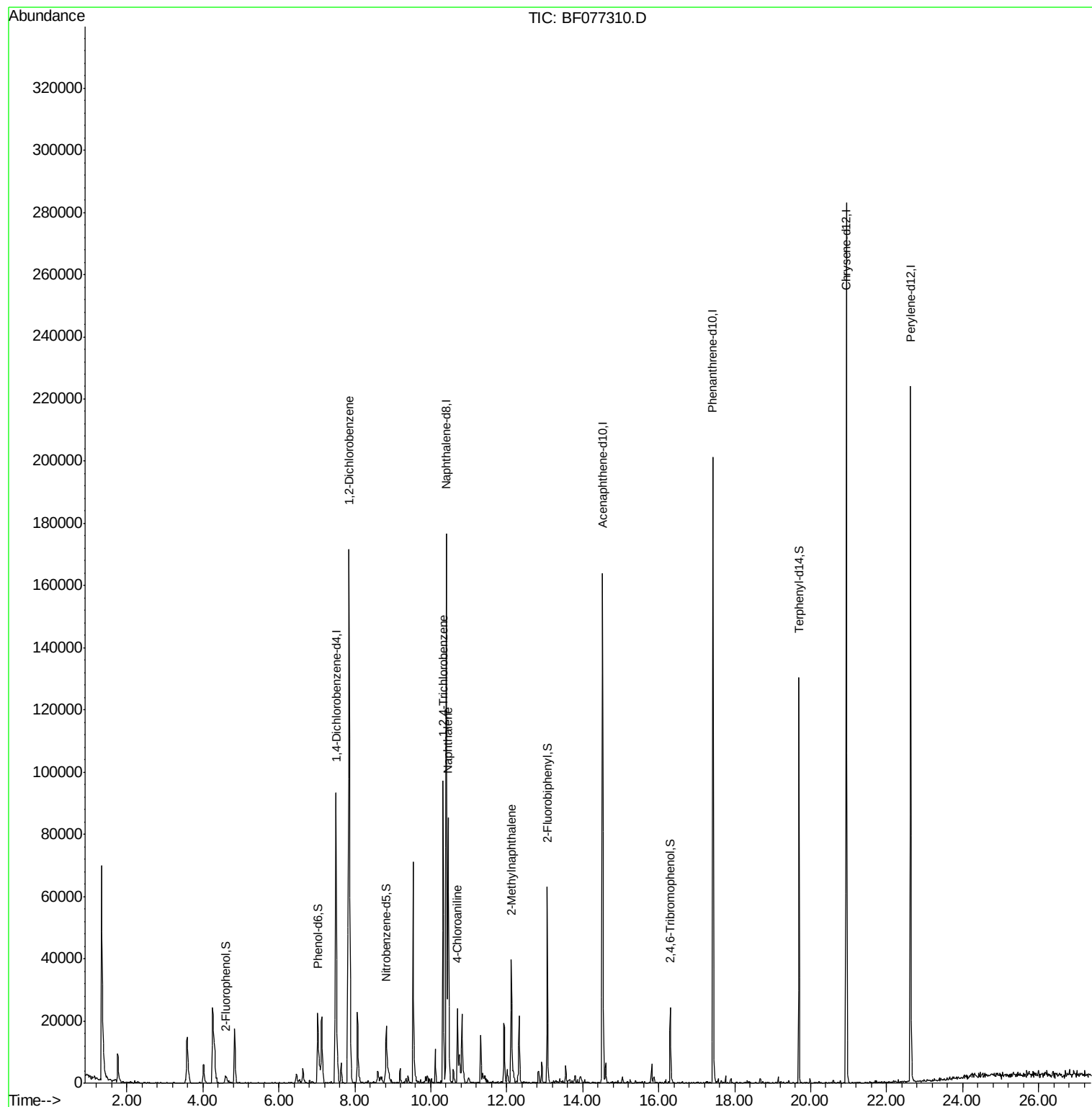
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	30740	20.00	ng	0.01
21) Naphthalene-d8	10.41	136	135603	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	65856	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	124048	20.00	ng	-0.01
75) Chrysene-d12	20.95	240	124978	20.00	ng	-0.01
86) Perylene-d12	22.63	264	109907	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.59	112	4552	3.63	ng	0.10
7) Phenol-d6	7.02	99	5358	2.20	ng	0.09
23) Nitrobenzene-d5	8.83	82	17955m	7.56	ng	0.01
41) 2,4,6-Tribromophenol	16.31	330	6097	11.35	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	44738	10.22	ng	-0.01
78) Terphenyl-d14	19.69	244	51370	9.23	ng	-0.01
Target Compounds						Qvalue
14) 1,2-Dichlorobenzene	7.85	146	73202	30.39	ng	98
30) 1,2,4-Trichlorobenzene	10.33	180	31191	15.70	ng	99
31) Naphthalene	10.45	128	76308	11.40	ng	96
33) 4-Chloroaniline	10.69	127	25483m	9.44	ng	
37) 2-Methylnaphthalene	12.12	142	15384	3.07	ng	90

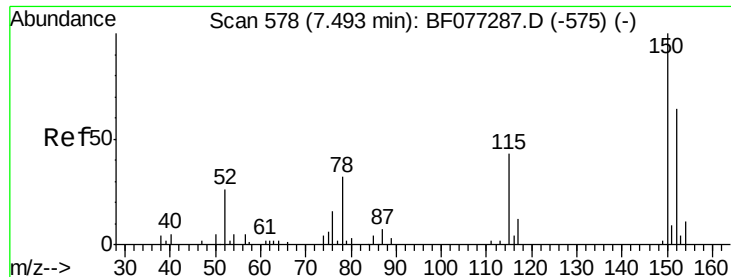
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 13:10:36 2015
Response via : Initial Calibration



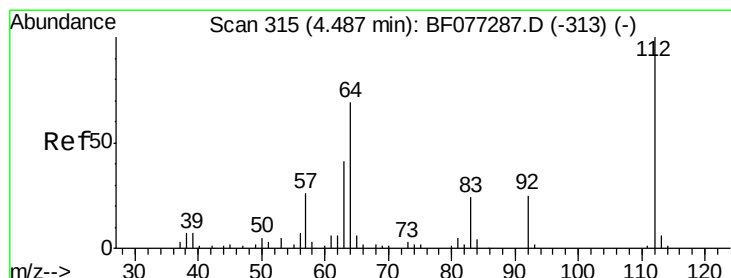
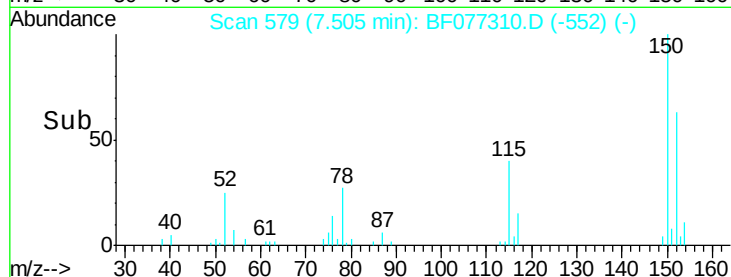
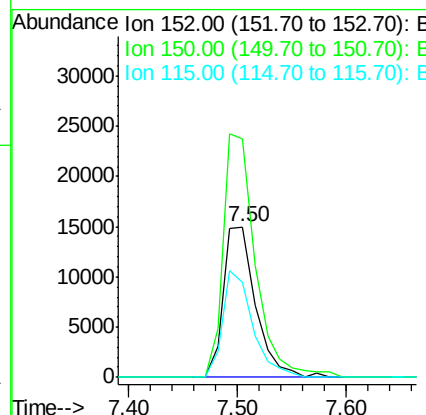
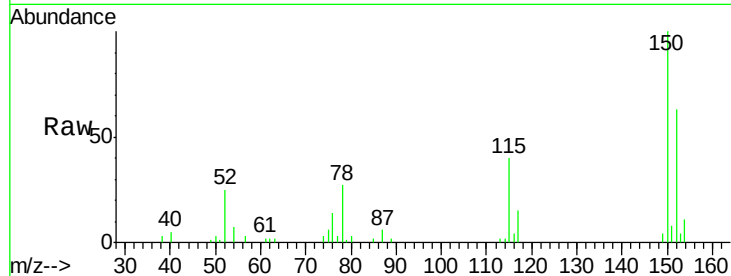


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF077310.D
Acq: 13 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL2

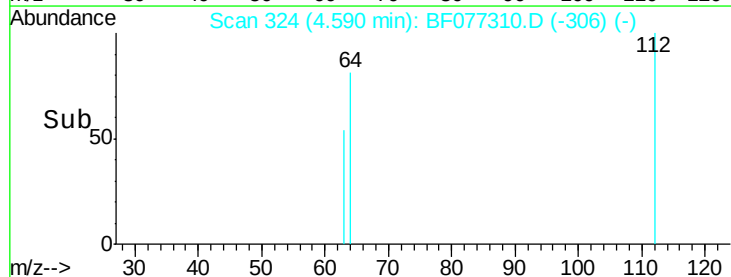
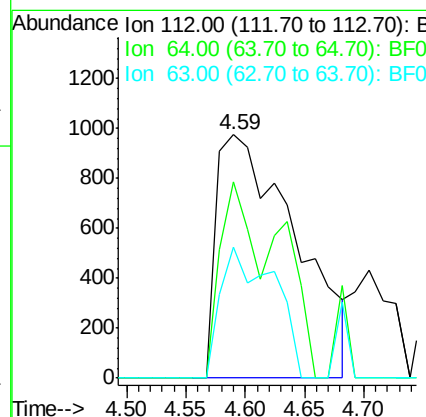
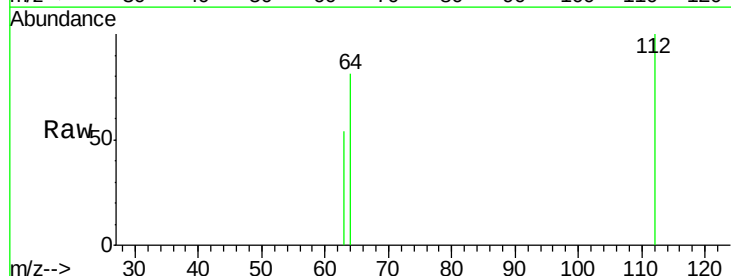
Tot Ion:152 Resp: 30740
Ion Ratio Lower Upper
152 100
150 159.1 124.9 187.3
115 63.8 54.1 81.1

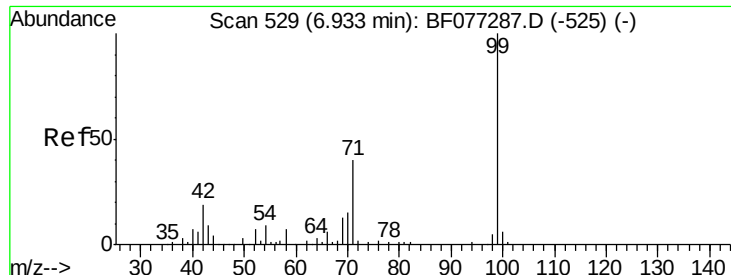


#5

2-Fluorophenol
Concen: 3.63 ng
RT: 4.59 min Scan# 324
Delta R.T. 0.10 min
Lab File: BF077310.D
Acq: 13 Feb 2015 16:16

Tgt Ion:112 Resp: 4552
Ion Ratio Lower Upper
112 100
64 80.8 55.0 82.4
63 53.7 33.0 49.6#





#7

Phenol-d6

Concen: 2.20 ng

RT: 7.02 min Scan# 537

Delta R.T. 0.09 min

Lab File: BF077310.D

Acq: 13 Feb 2015 16:16

Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL2

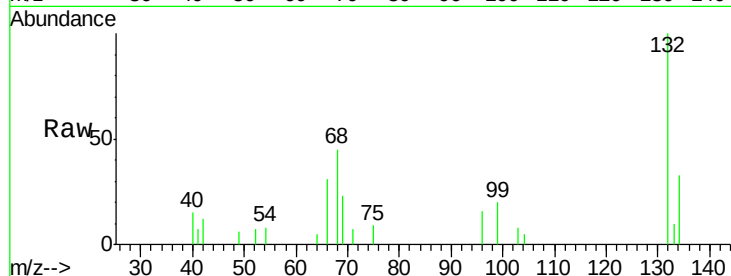
Tot Ion: 99 Resp: 5358

Ion Ratio Lower Upper

99 100

42 63.5 15.0 22.4#

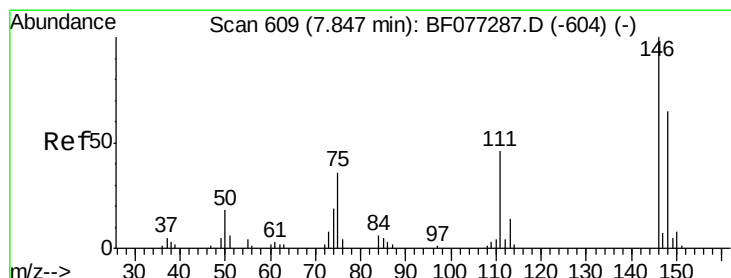
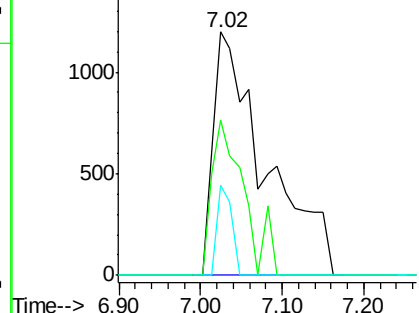
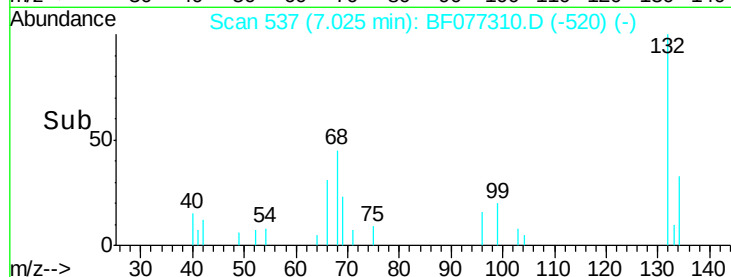
71 37.1 31.8 47.6



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



#14

1,2-Dichlorobenzene

Concen: 30.39 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF077310.D

Acq: 13 Feb 2015 16:16

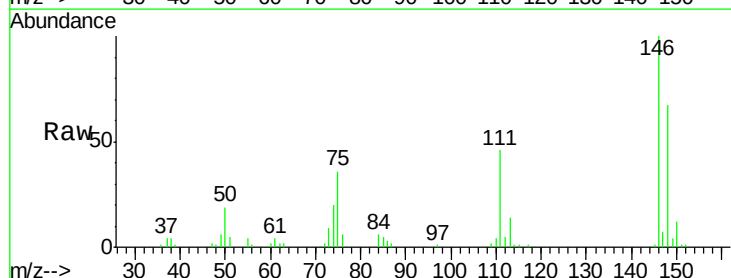
Tgt Ion: 146 Resp: 73202

Ion Ratio Lower Upper

146 100

148 67.5 52.0 78.0

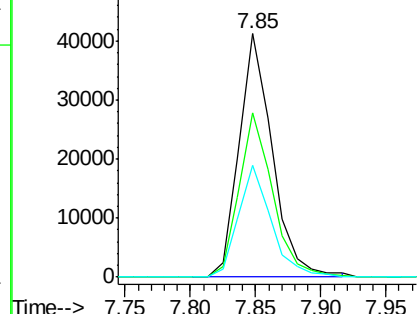
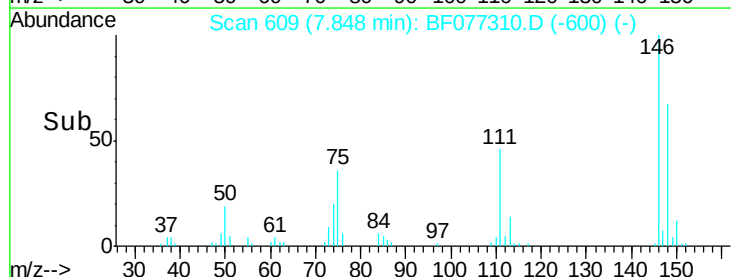
111 45.8 37.0 55.4

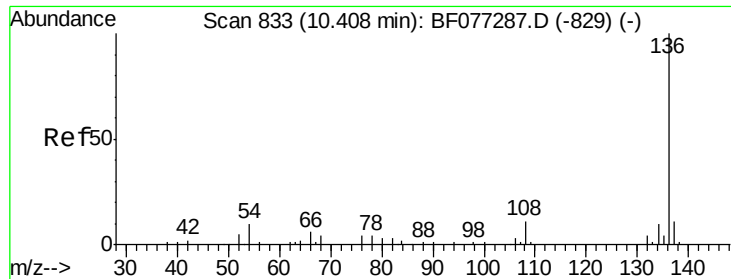


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

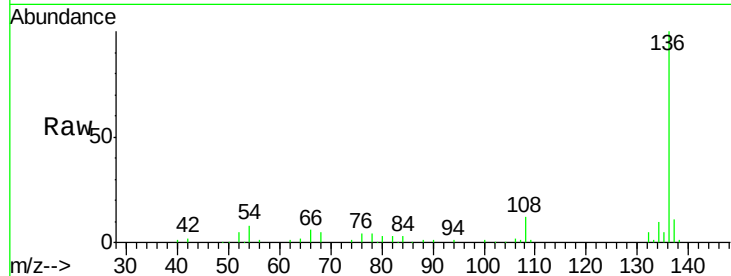




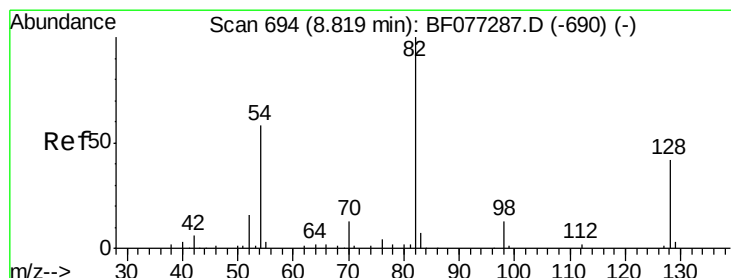
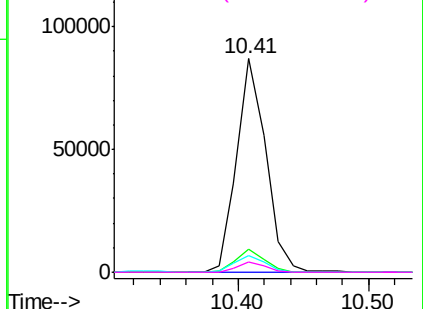
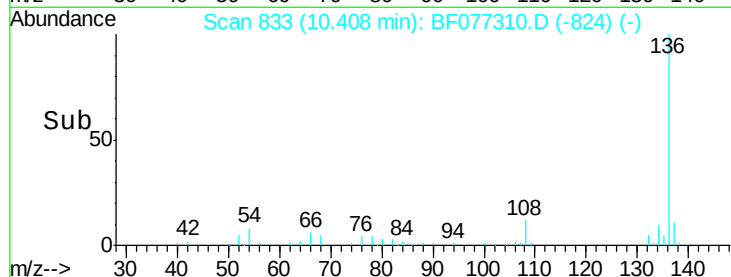
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF077310.D
Acq: 13 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL2

Tot Ion:136	Resp:	135603
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.7 13.1
54	8.0	8.2 12.2#
68	5.0	3.1 4.7#

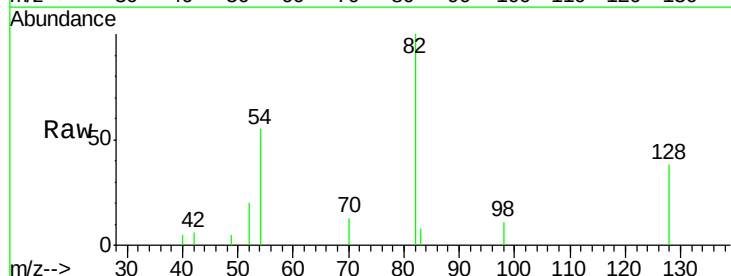


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

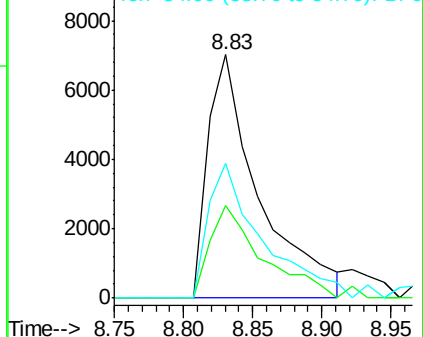
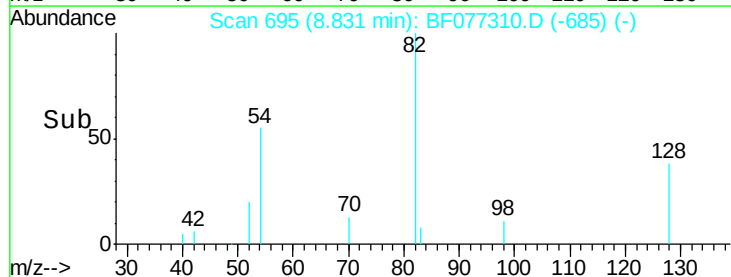


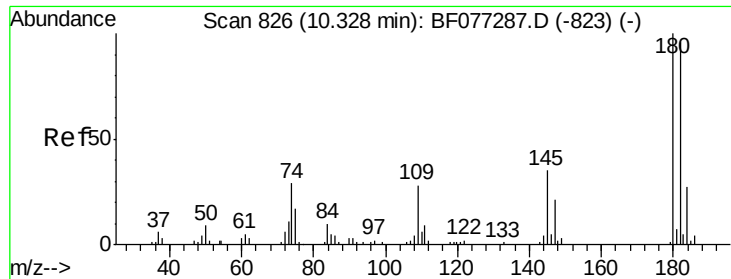
#23
Nitrobenzene-d5
Concen: 7.56 ng m
RT: 8.83 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF077310.D
Acq: 13 Feb 2015 16:16

Tgt Ion: 82	Resp:	17955
Ion Ratio	Lower	Upper
82	100	
128	38.1	33.6 50.4
54	55.1	46.2 69.2



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

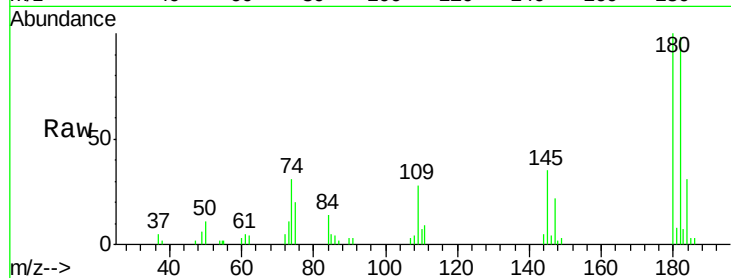




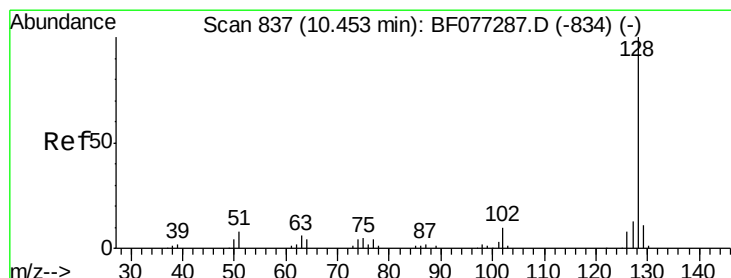
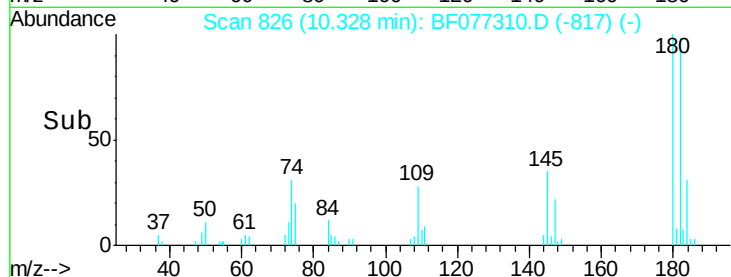
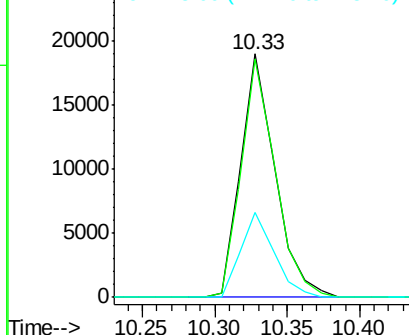
#30
1,2,4-Trichlorobenzene
Concen: 15.70 ng
RT: 10.33 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF077310.D
Acq: 13 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL2

Tot Ion:180 Resp: 31191
Ion Ratio Lower Upper
180 100
182 98.1 77.0 115.6
145 34.7 27.9 41.9

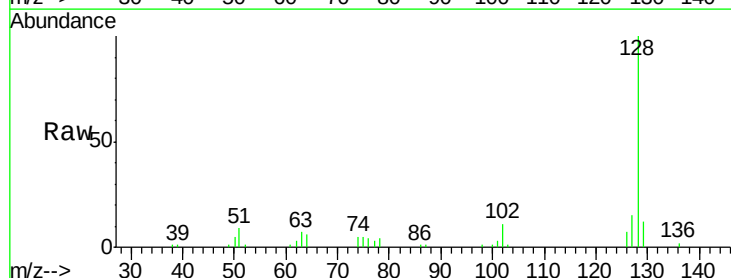


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

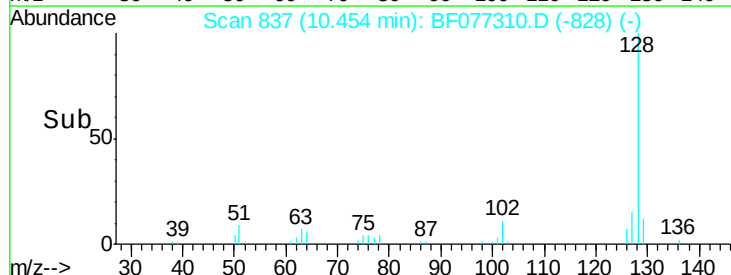
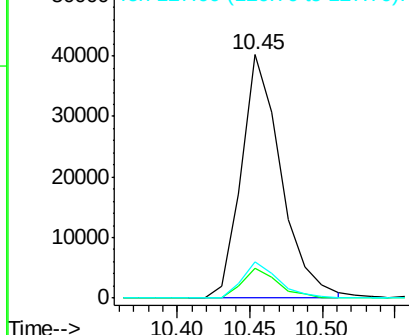


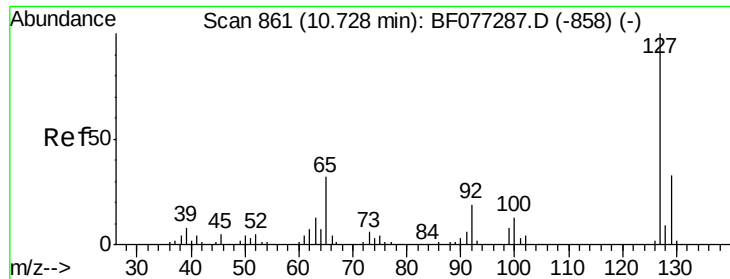
#31
Naphthalene
Concen: 11.40 ng
RT: 10.45 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF077310.D
Acq: 13 Feb 2015 16:16

Tgt Ion:128 Resp: 76308
Ion Ratio Lower Upper
128 100
129 12.4 9.0 13.6
127 15.1 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

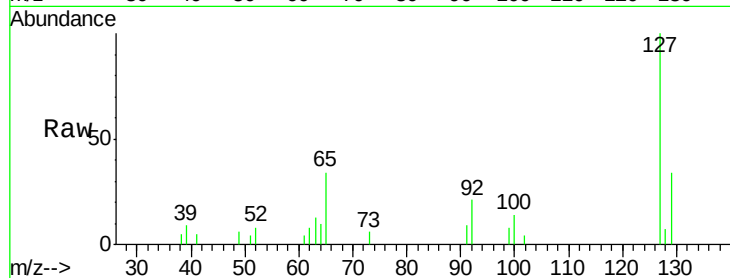




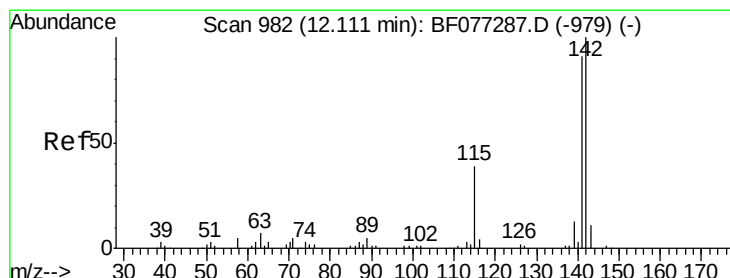
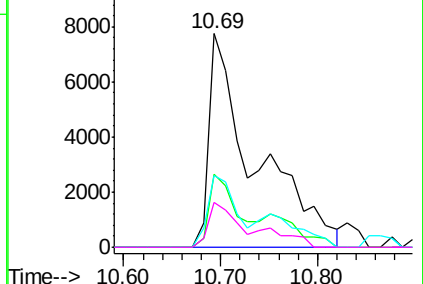
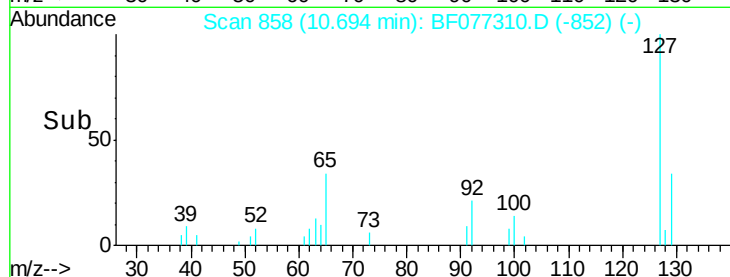
#33
4-Chloroaniline
Concen: 9.44 ng/mL
RT: 10.69 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF077310.D
Acq: 13 Feb 2015 16:16

Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL2

Tot Ion:	127	Resp:	25483
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.0	39.0
65	33.7	25.6	38.4
92	21.1	15.1	22.7

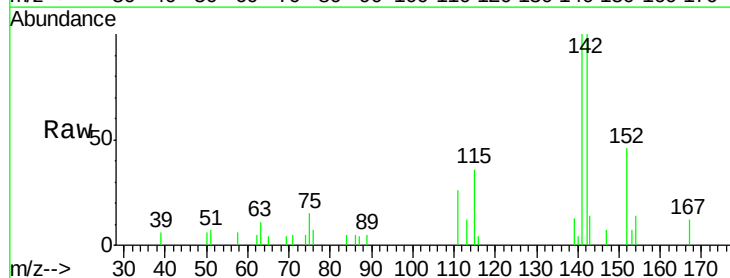


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

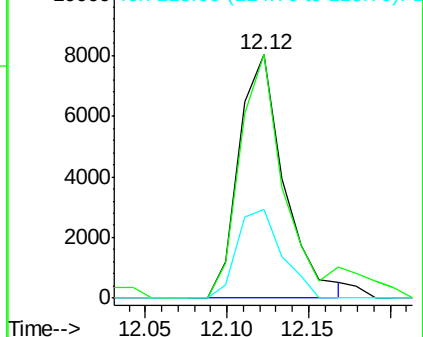
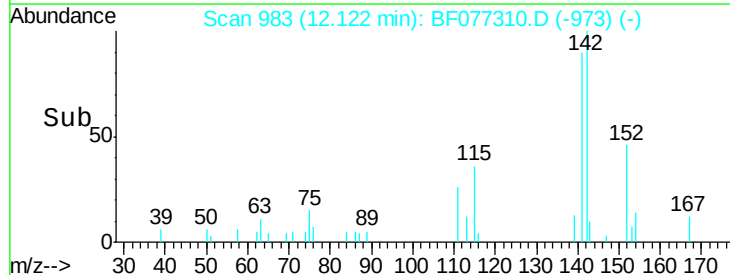


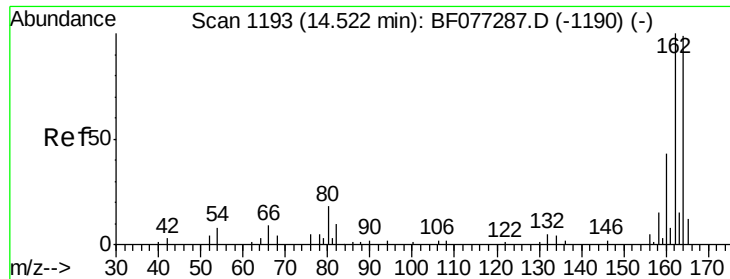
#37
2-Methylnaphthalene
Concen: 3.07 ng/mL
RT: 12.12 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF077310.D
Acq: 13 Feb 2015 16:16

Tgt Ion:	142	Resp:	15384
Ion	Ratio	Lower	Upper
142	100		
141	99.9	69.8	104.6
115	36.3	29.5	44.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.52 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF077310.D

Acq: 13 Feb 2015 16:16

Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL2

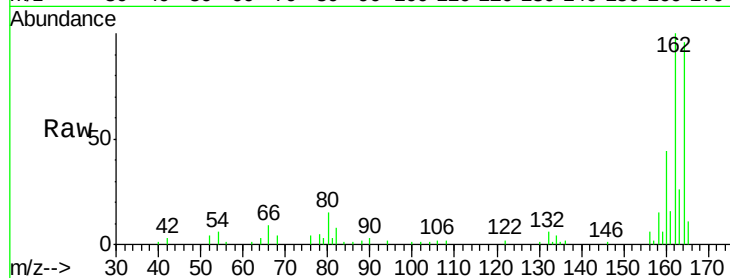
Tot Ion:164 Resp: 65856

Ion Ratio Lower Upper

164 100

162 104.2 81.0 121.4

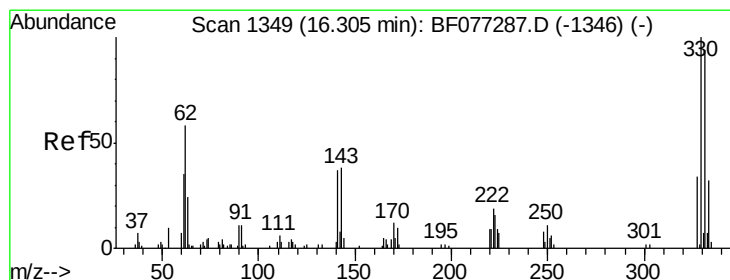
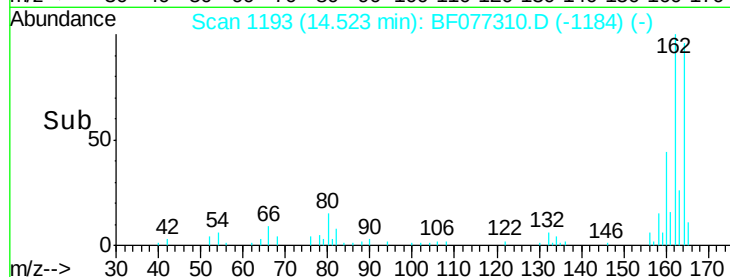
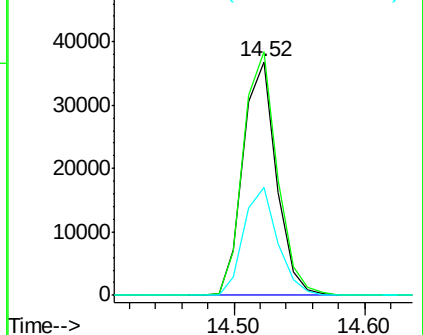
160 46.2 35.2 52.8



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: 11.35 ng

RT: 16.31 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF077310.D

Acq: 13 Feb 2015 16:16

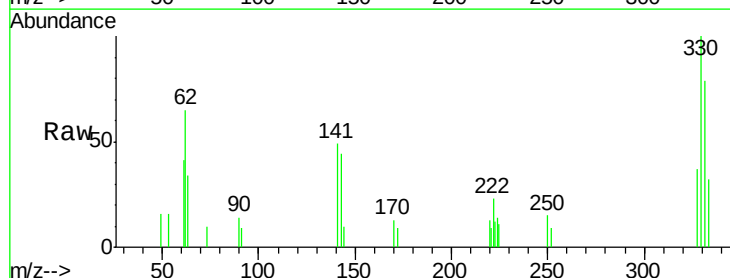
Tgt Ion:330 Resp: 6097

Ion Ratio Lower Upper

330 100

332 91.0 0.0 0.0#

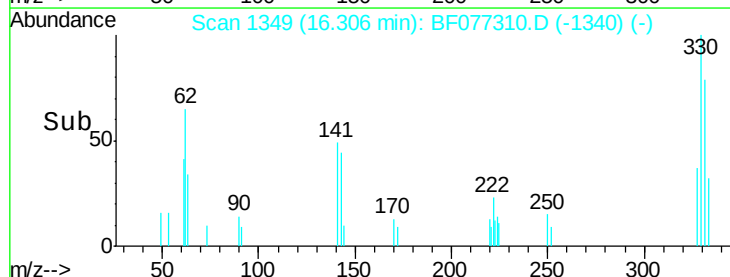
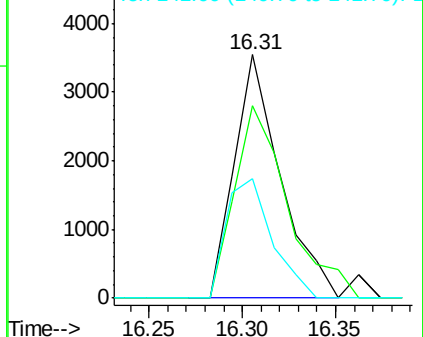
141 48.9 0.0 0.0#

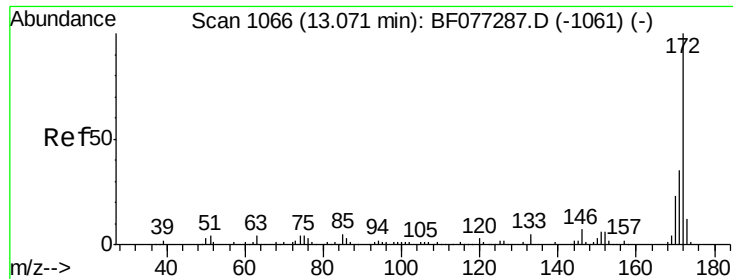


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

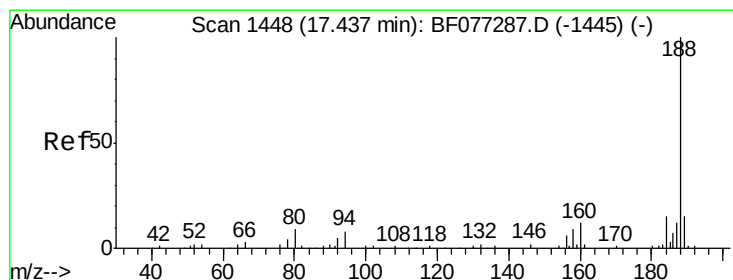
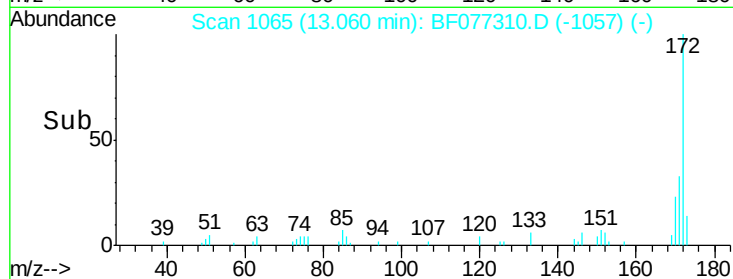
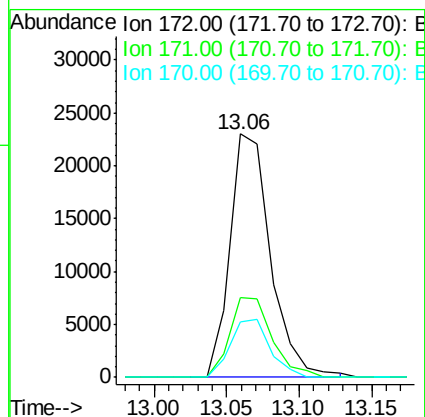
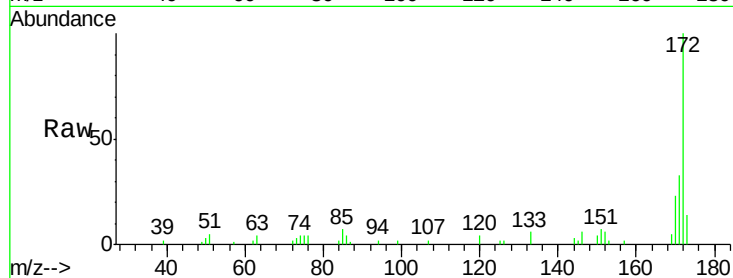




#44
2-Fluorobiphenyl
Concen: 10.22 ng
RT: 13.06 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF077310.D
Acq: 13 Feb 2015 16:16

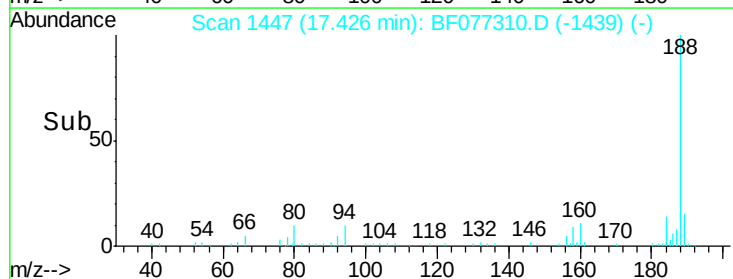
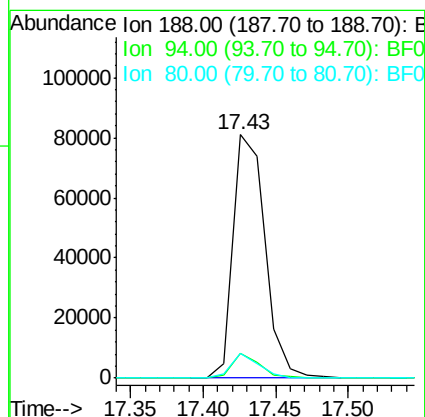
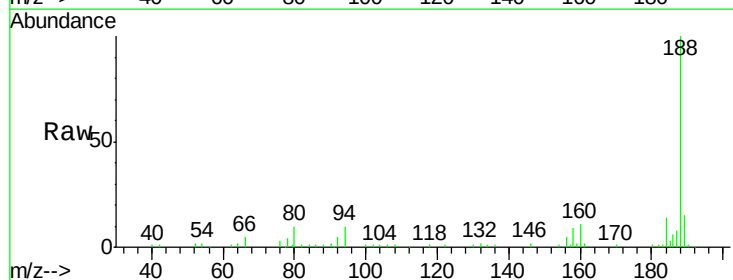
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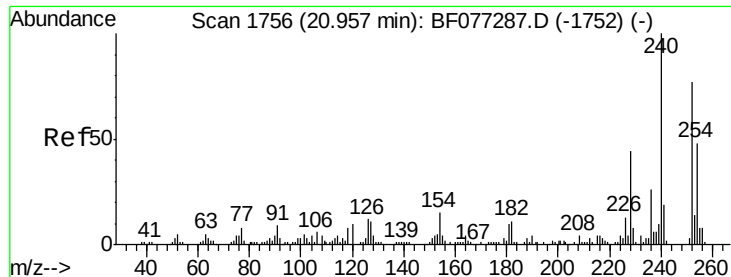
Tot Ion:172 Resp: 44738
Ion Ratio Lower Upper
172 100
171 32.6 27.8 41.8
170 22.7 18.3 27.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF077310.D
Acq: 13 Feb 2015 16:16

Tgt Ion:188 Resp: 124048
Ion Ratio Lower Upper
188 100
94 10.2 6.5 9.7#
80 10.2 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.95 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF077310.D

Acq: 13 Feb 2015 16:16

Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL2

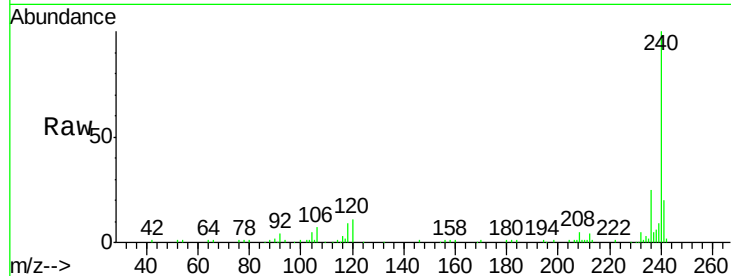
Tot Ion:240 Resp: 124978

Ion Ratio Lower Upper

240 100

120 10.8 7.8 11.8

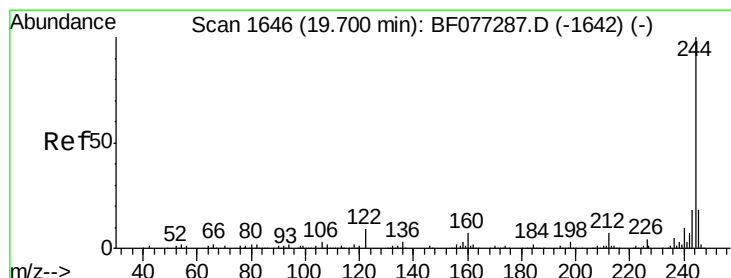
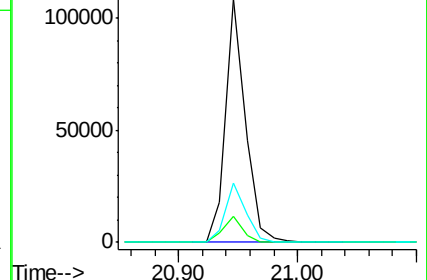
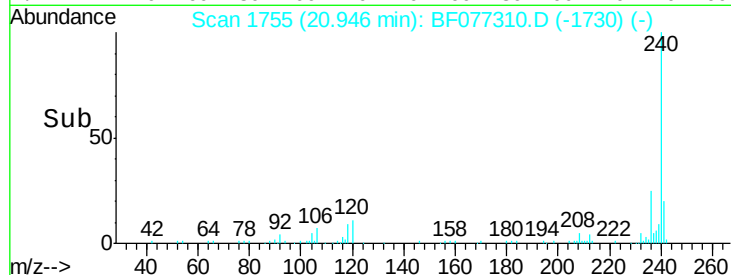
236 24.6 20.4 30.6



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: 9.23 ng

RT: 19.69 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF077310.D

Acq: 13 Feb 2015 16:16

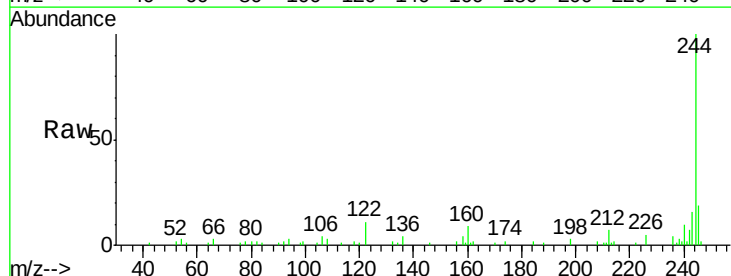
Tgt Ion:244 Resp: 51370

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

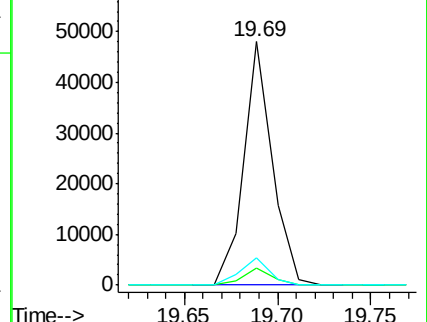
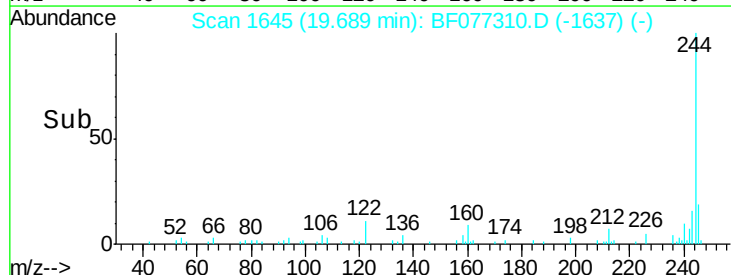
122 11.1 7.0 10.4#

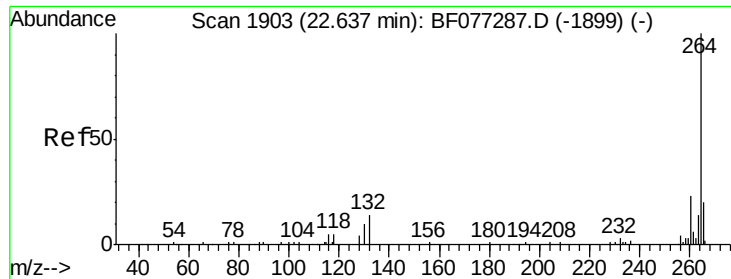


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.63 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BF077310.D
 Acq: 13 Feb 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL2

Tot Ion: 264 Resp: 109907
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 22.4 16.2 24.2

