

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 22:52:12 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

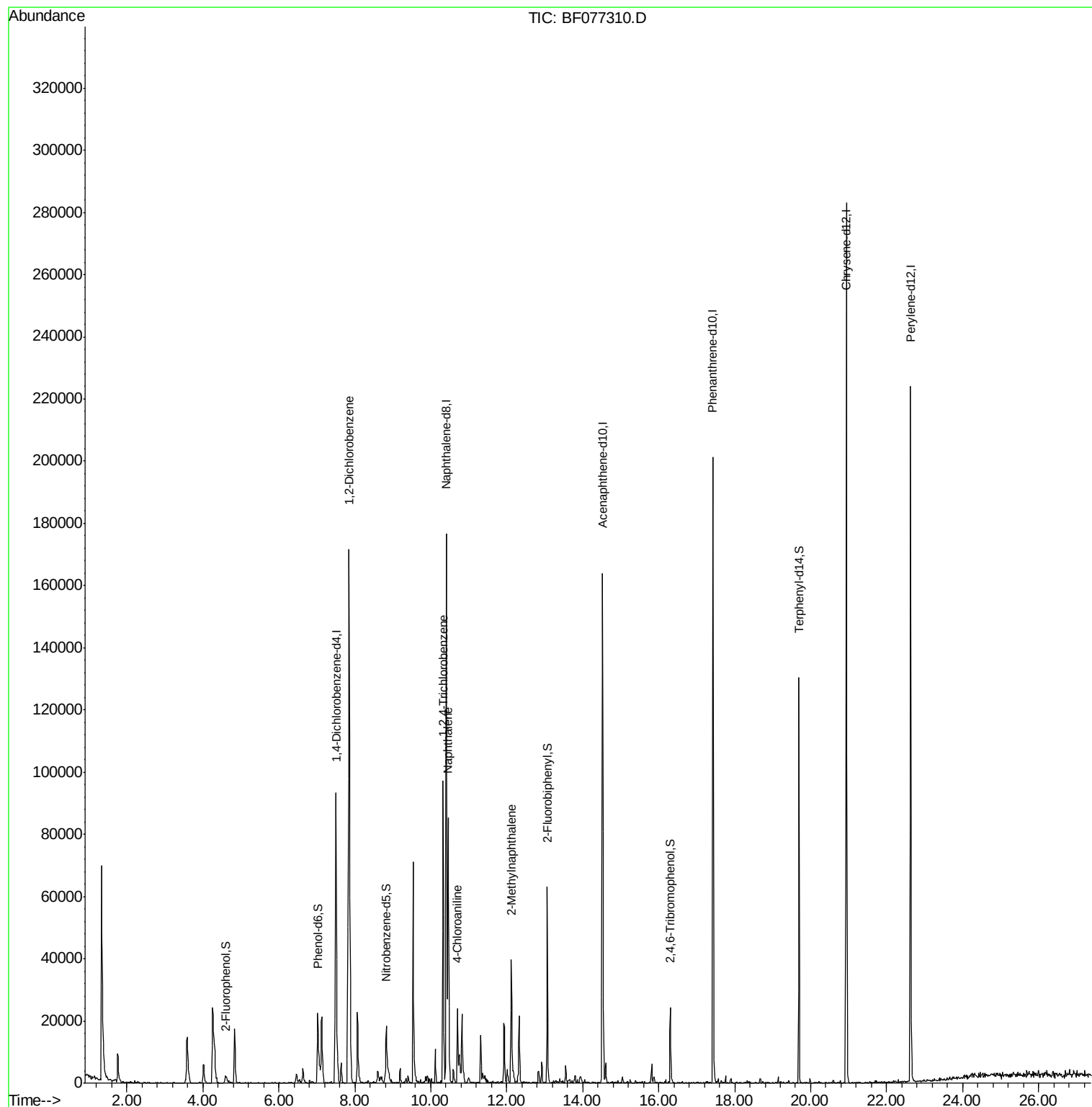
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	30740	20.00	ng	0.01
21) Naphthalene-d8	10.41	136	135603	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	65856	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	124048	20.00	ng	-0.01
75) Chrysene-d12	20.95	240	124978	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	15881	6.69	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						
4) n-Nitrosodimethylamine	1.33	42	248	Below Cal		Qvalue # 1
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	16601	6.15	ng	97
37) 2-Methylnaphthalene	12.12	142	15384	3.07	ng	90

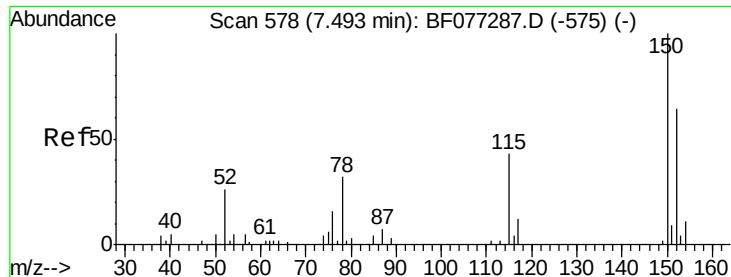
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 13 22:52:12 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





#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

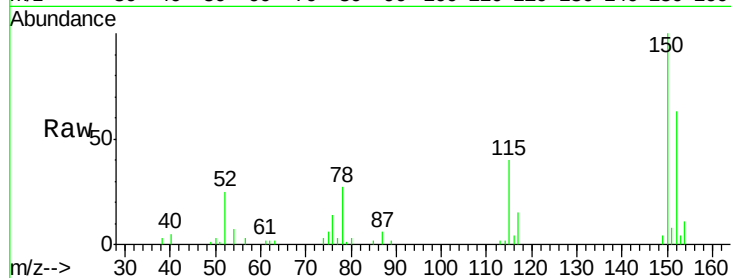
Tgt Ion:152 Resp: 30740

Ion Ratio Lower Upper

152 100

150 159.1 124.9 187.3

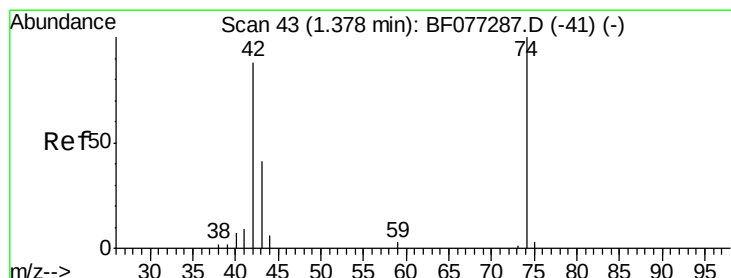
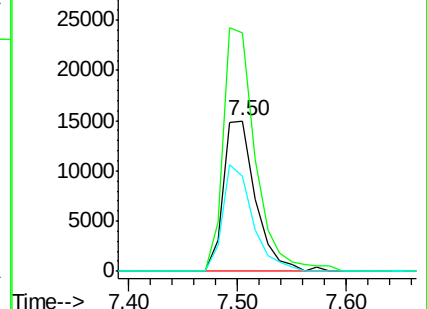
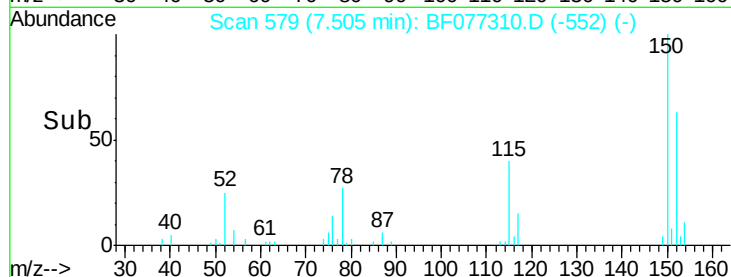
115 63.8 54.1 81.1



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



#4

n-Nitrosodimethylamine

Concen: Below Cal

RT: 1.33 min Scan# 39

Delta R.T. -0.05 min

Lab File: BF077310.D

Acq: 13 Feb 2015 16:16

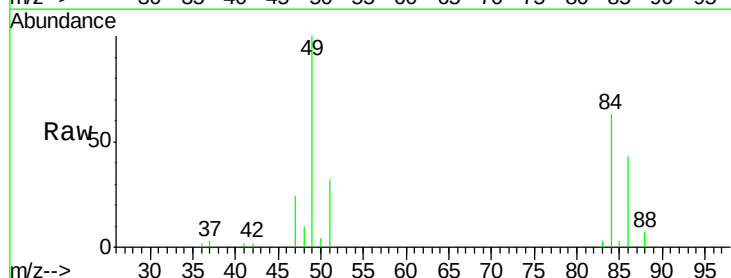
Tgt Ion: 42 Resp: 248

Ion Ratio Lower Upper

42 100

74 0.0 90.8 136.2#

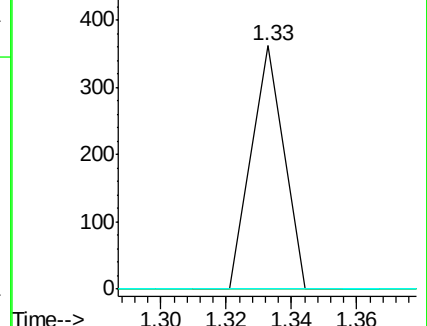
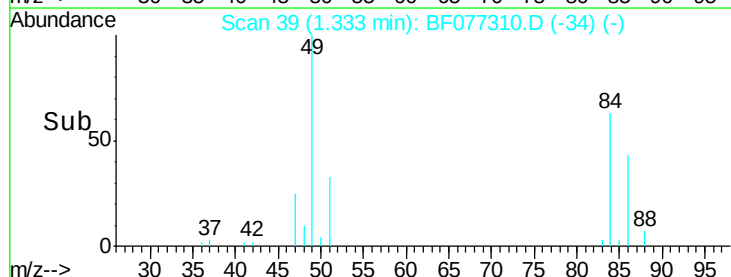
44 0.0 5.8 8.6#

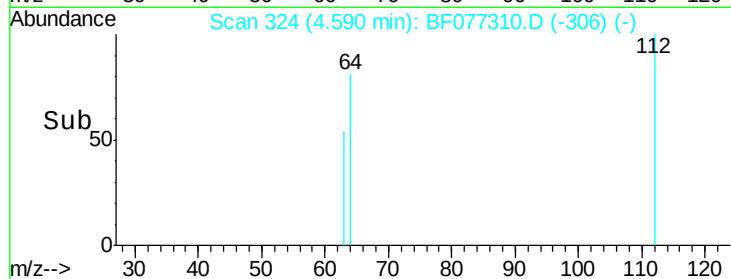
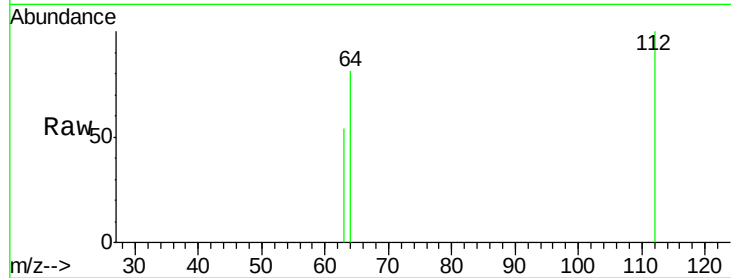
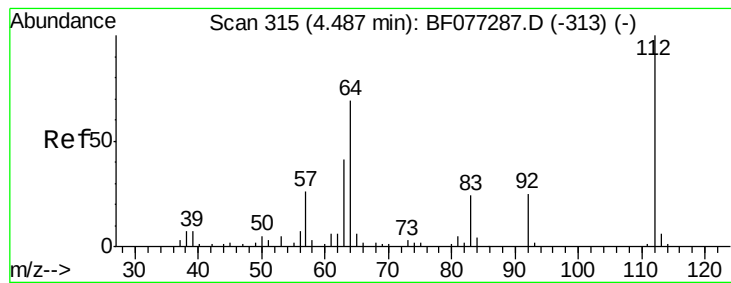


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#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

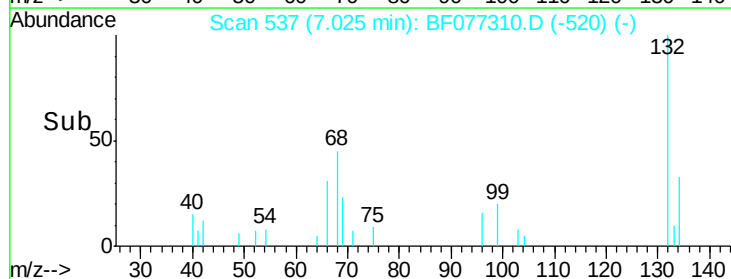
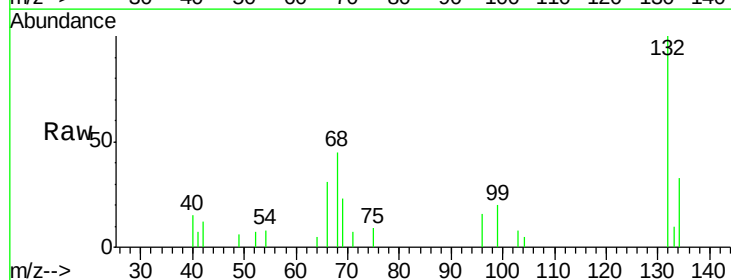
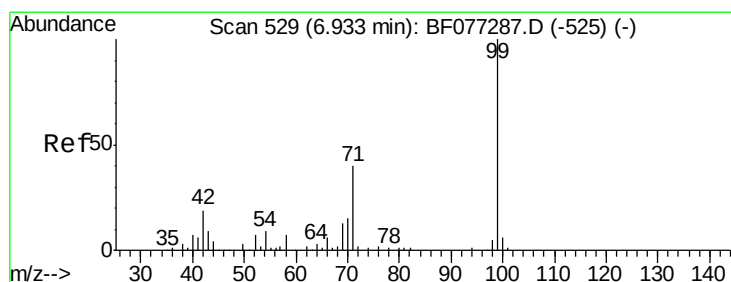
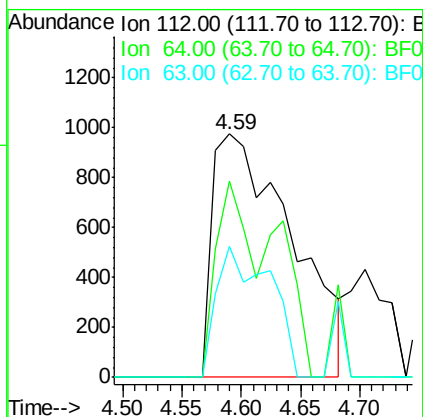
Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL2

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

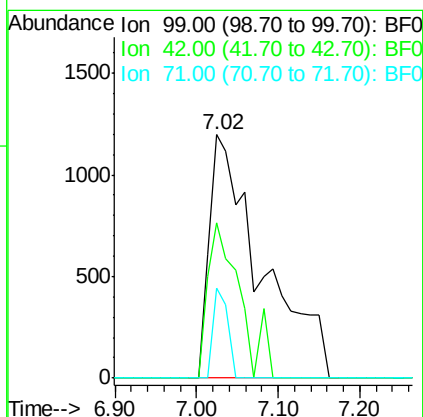
RT: 7.02 min Scan# 537

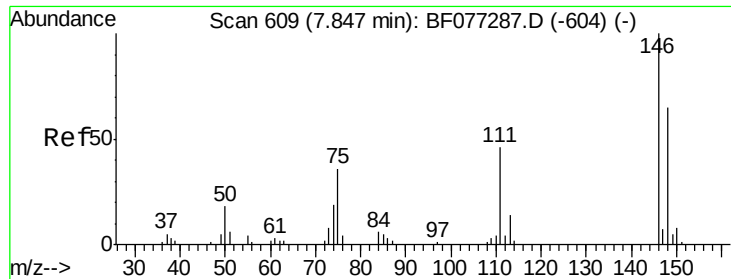
Delta R.T. 0.09 min

Lab File: BF077310.D

Acq: 13 Feb 2015 16:16

Tgt Ion:	99	Resp:	5358
Ion	Ratio	Lower	Upper
99	100		
42	63.5	15.0	22.4#
71	37.1	31.8	47.6

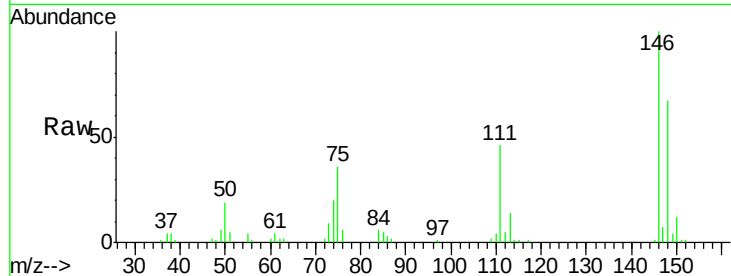




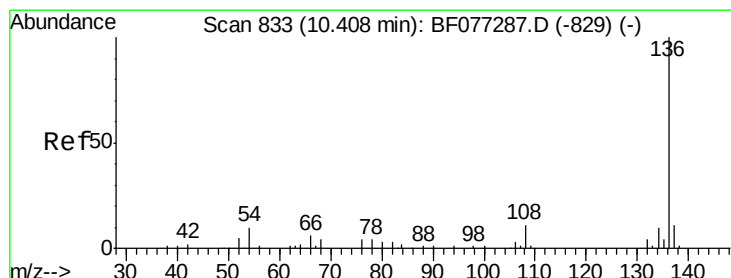
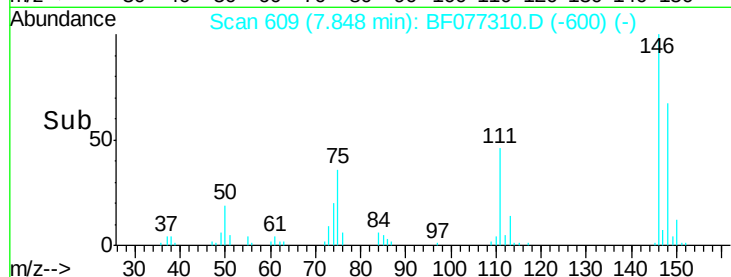
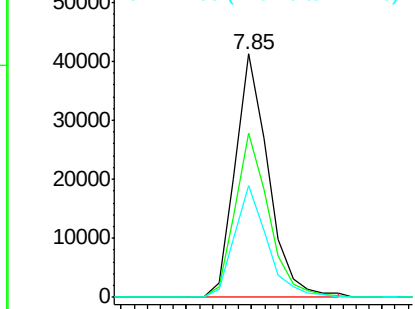
#14
 1,2-Dichlorobenzene
 Concen: 30.39 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077310.D
 Acq: 13 Feb 2015 16:16

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

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

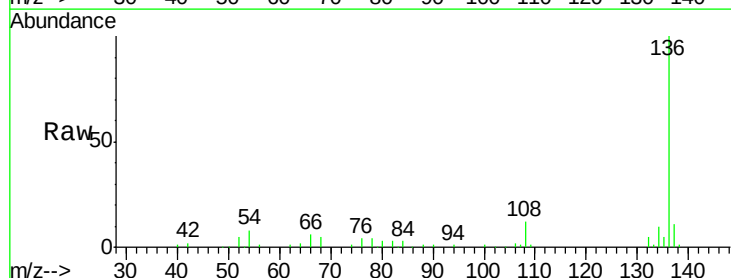


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

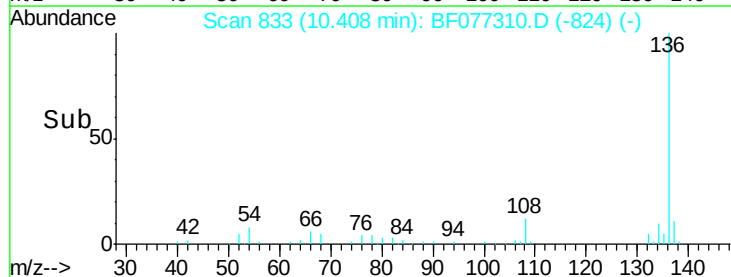
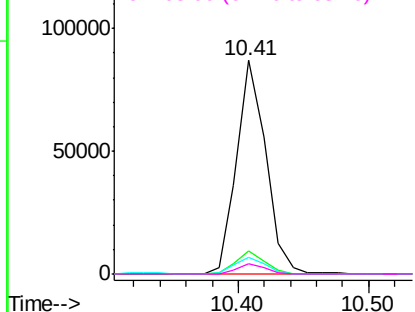


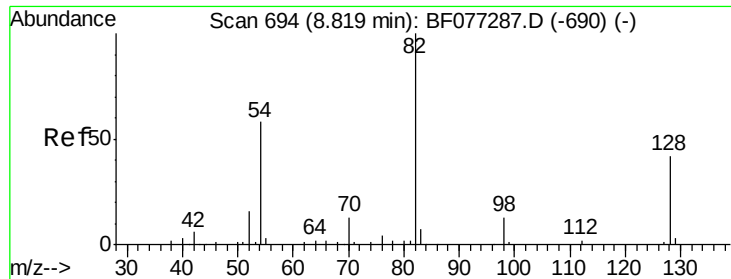
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.41 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF077310.D
 Acq: 13 Feb 2015 16:16

Tgt 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

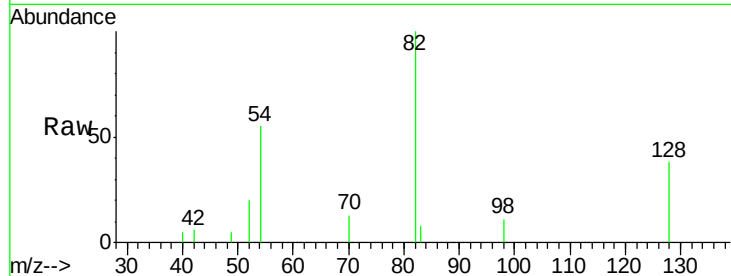




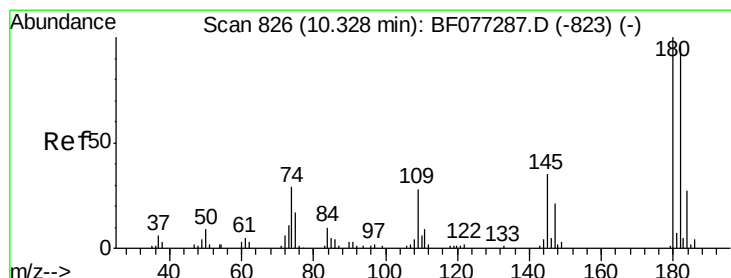
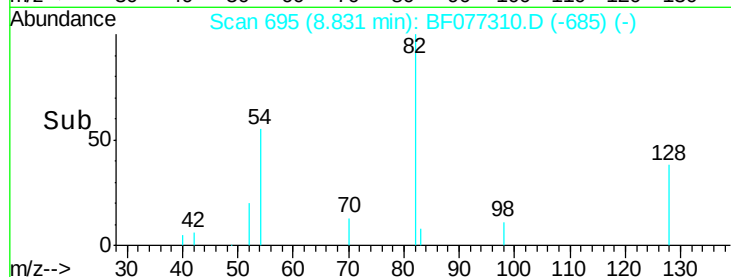
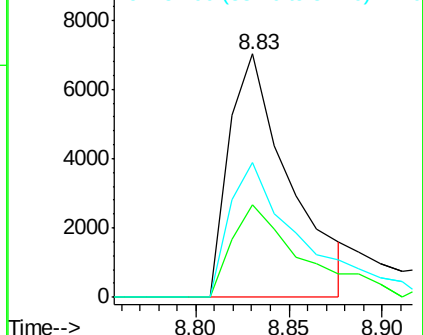
#23
 Nitrobenzene-d5
 Concen: 6.69 ng
 RT: 8.83 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: BF077310.D
 Acq: 13 Feb 2015 16:16

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

Tgt Ion: 82 Resp: 15881
 Ion Ratio Lower Upper
 82 100
 128 38.1 33.6 50.4
 54 55.1 46.2 69.2

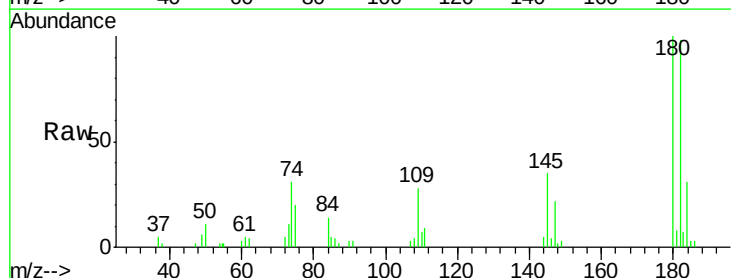


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

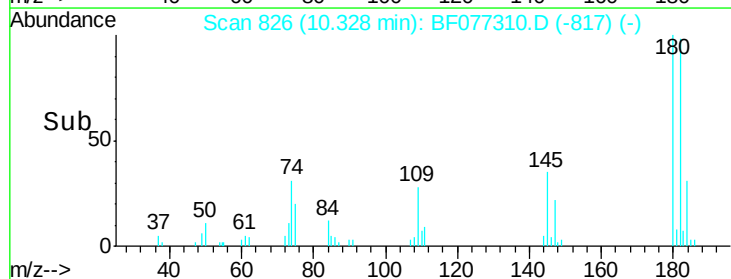
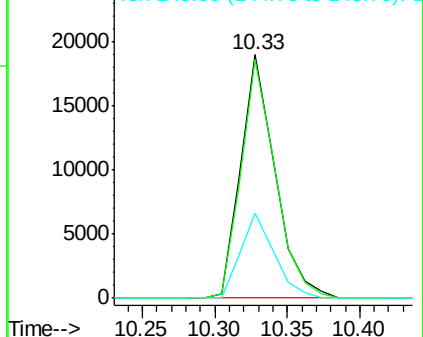


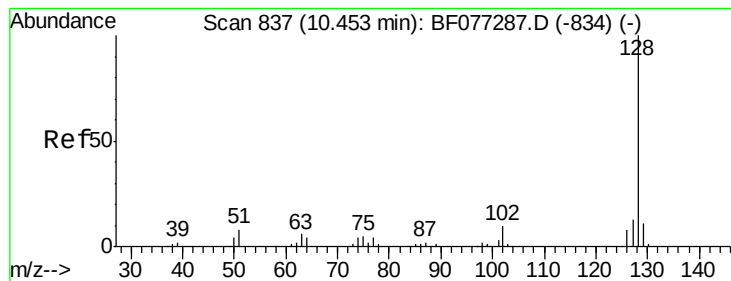
#30
 1,2,4-Trichlorobenzene
 Concen: 15.70 ng
 RT: 10.33 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF077310.D
 Acq: 13 Feb 2015 16:16

Tgt 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

Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL2

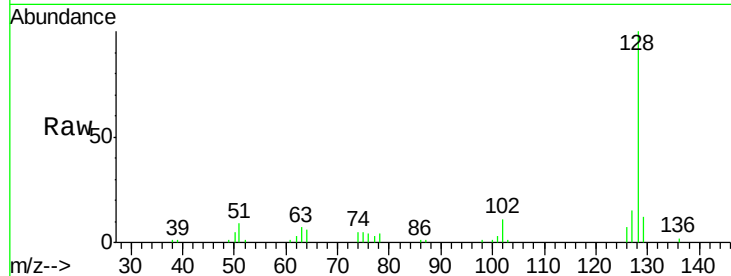
Tgt Ion:128 Resp: 76308

Ion Ratio Lower Upper

128 100

129 12.4 9.0 13.6

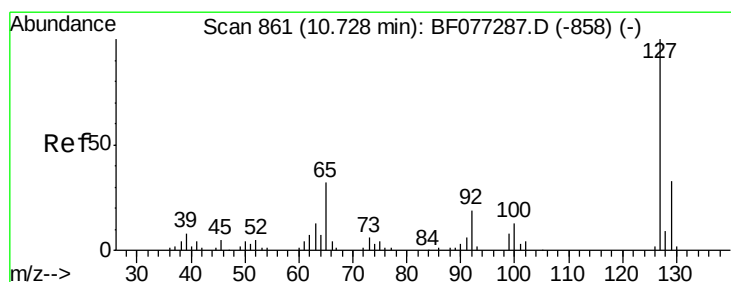
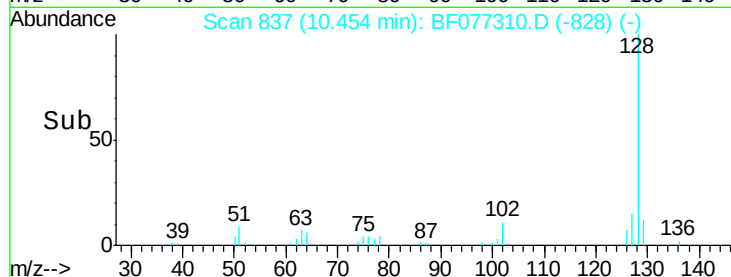
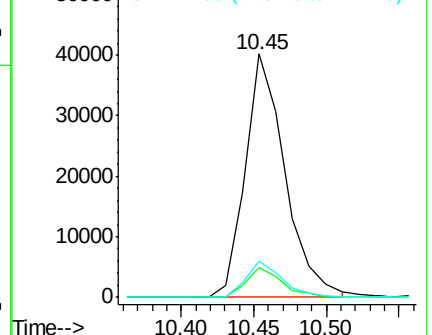
127 15.1 10.4 15.6



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: 6.15 ng

RT: 10.69 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF077310.D

Acq: 13 Feb 2015 16:16

Tgt Ion:127 Resp: 16601

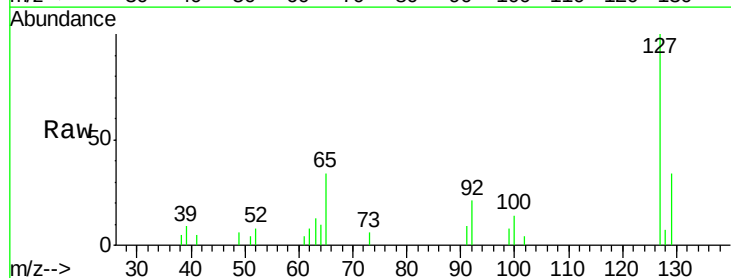
Ion Ratio Lower Upper

127 100

129 34.1 26.0 39.0

65 33.7 25.6 38.4

92 21.1 15.1 22.7

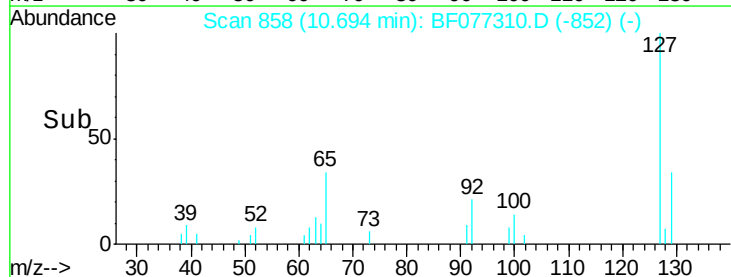
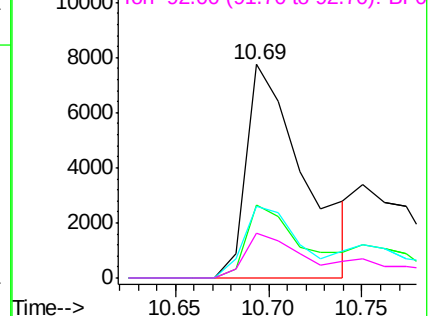


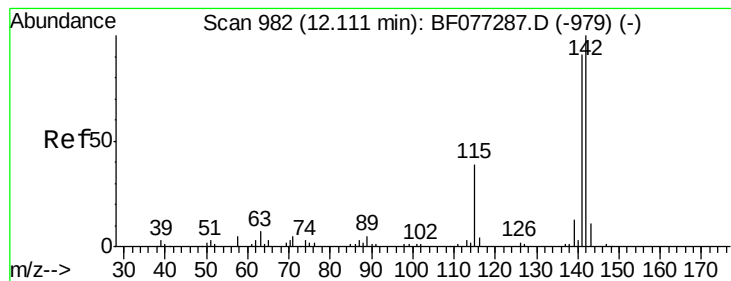
Abundance Ion 127.00 (126.70 to 127.70): E

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

RT: 12.12 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF077310.D

Acq: 13 Feb 2015 16:16

Instrument :

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ClientSampleId :

DCW-WW-059-21015DL2

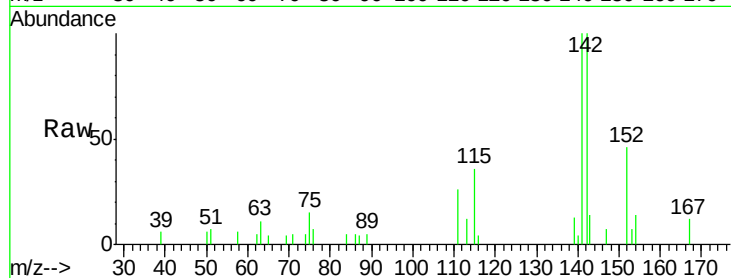
Tgt Ion:142 Resp: 15384

Ion Ratio Lower Upper

142 100

141 99.9 69.8 104.6

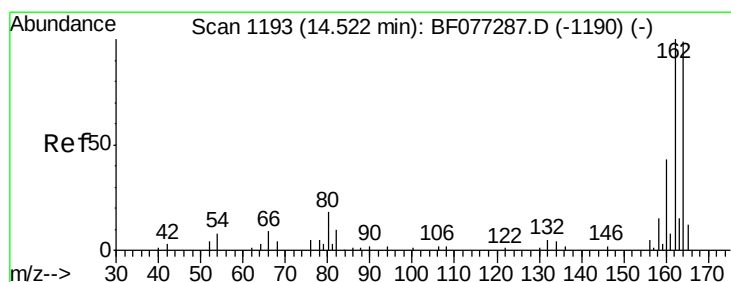
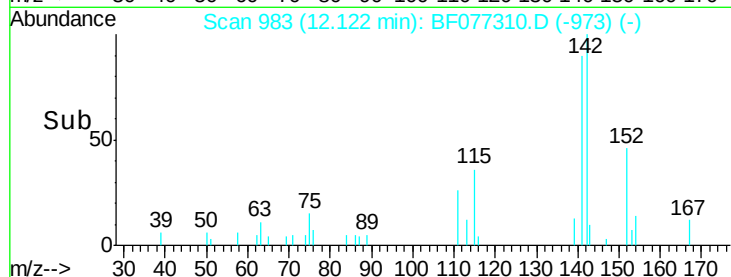
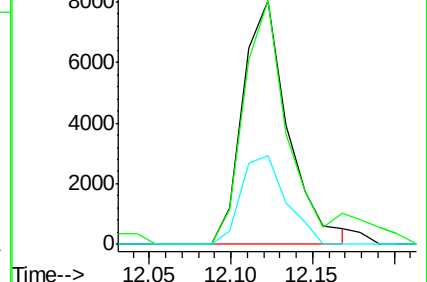
115 36.3 29.5 44.3



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

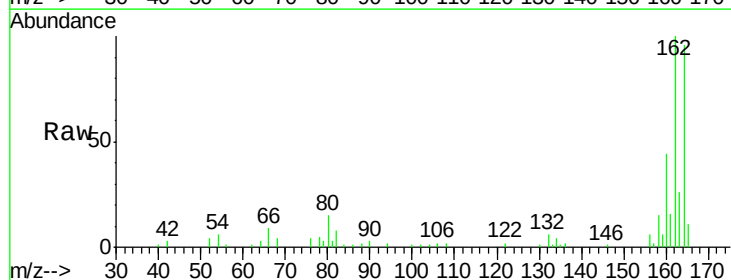
Tgt Ion:164 Resp: 65856

Ion Ratio Lower Upper

164 100

162 104.2 81.0 121.4

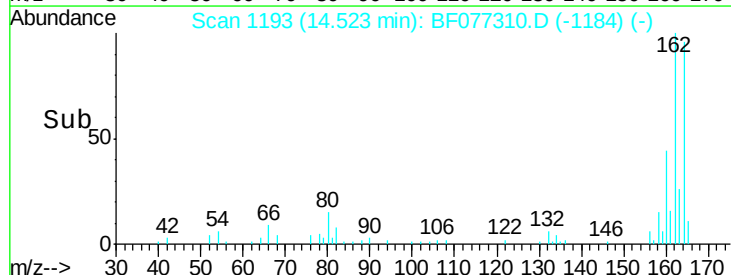
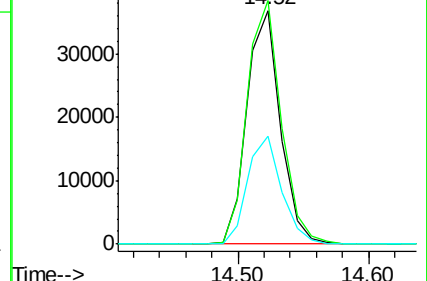
160 46.2 35.2 52.8

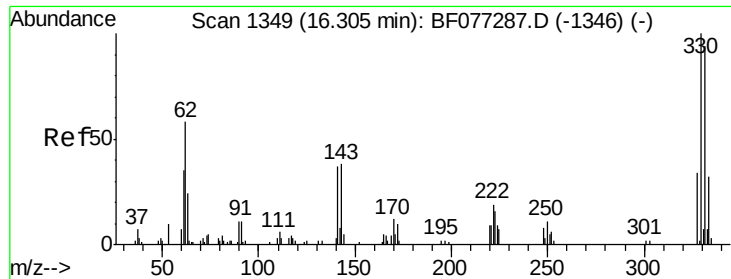


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

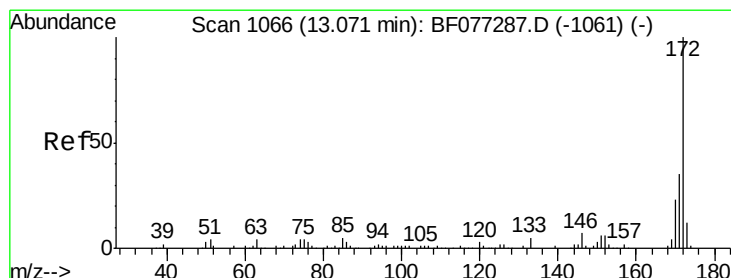
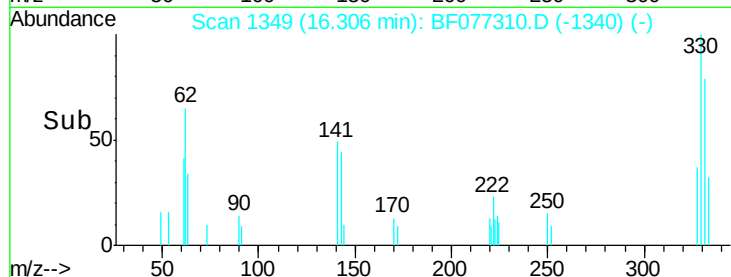
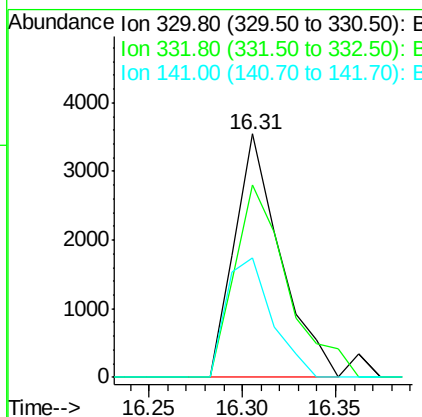
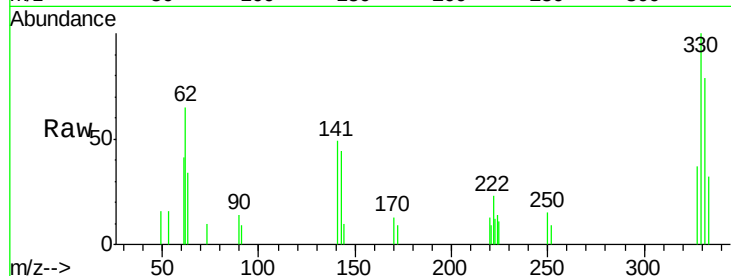




#41
 2,4,6-Tribromophenol
 Concen: 11.35 ng
 RT: 16.31 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF077310.D
 Acq: 13 Feb 2015 16:16

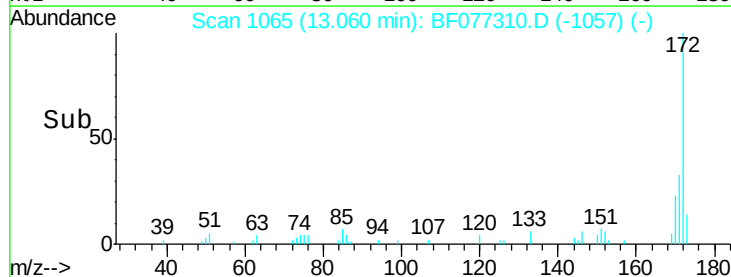
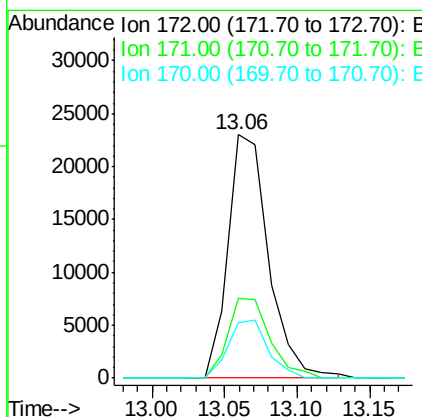
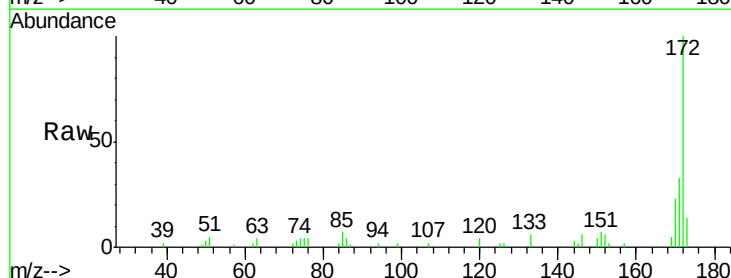
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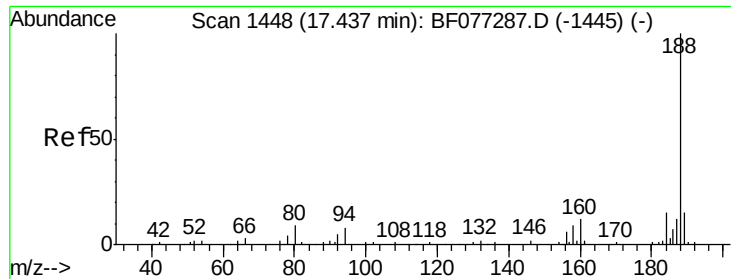
Tgt Ion: 330 Resp: 6097
 Ion Ratio Lower Upper
 330 100
 332 91.0 0.0 0.0#
 141 48.9 0.0 0.0#



#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

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

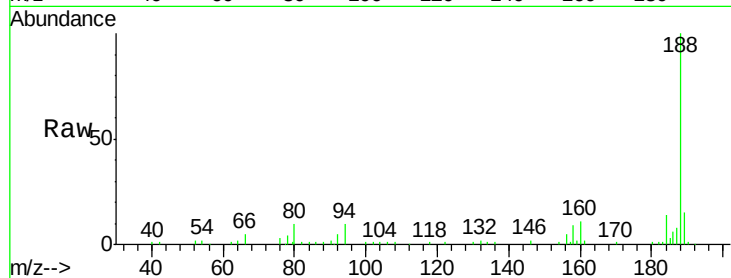




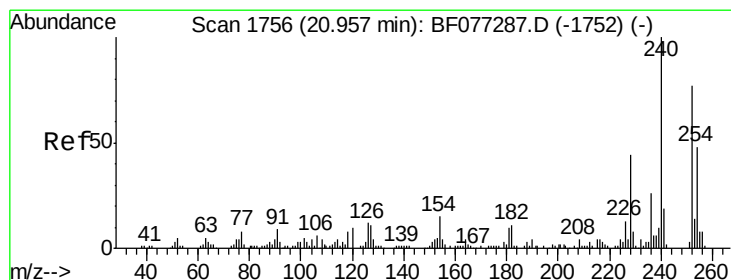
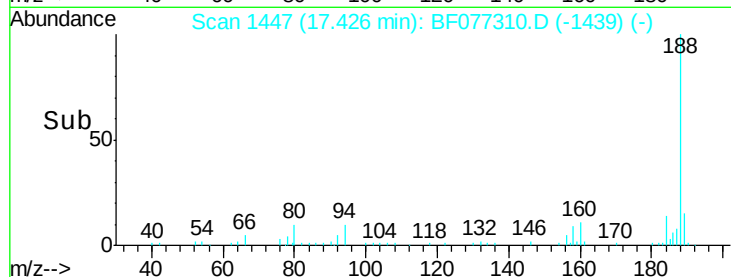
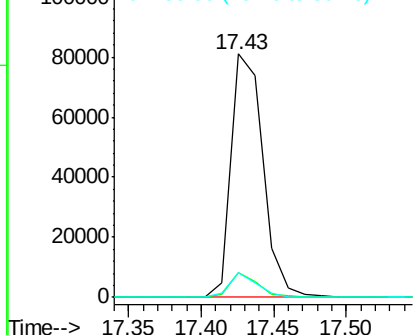
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF077310.D
Acq: 13 Feb 2015 16:16

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

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

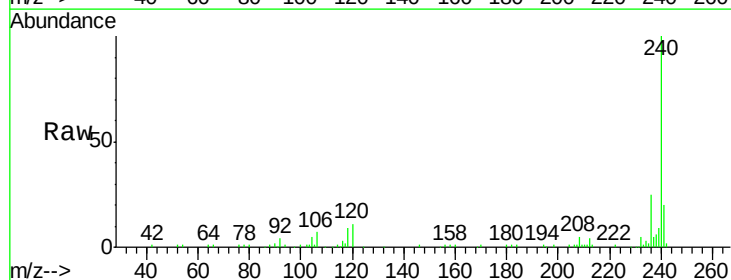


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

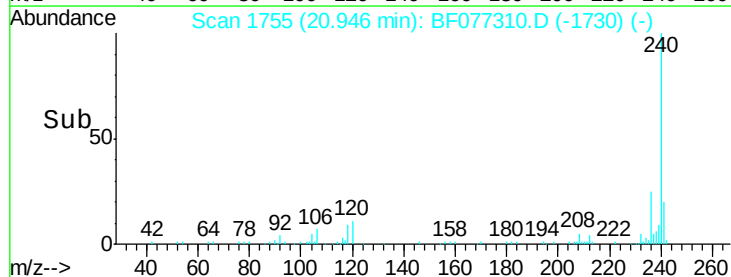
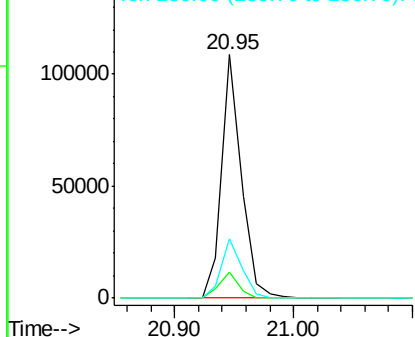


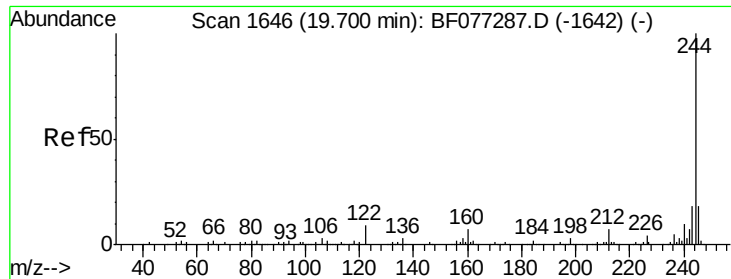
#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.95 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF077310.D
Acq: 13 Feb 2015 16:16

Tgt 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

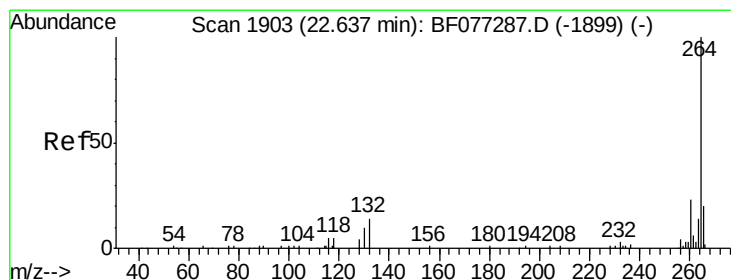
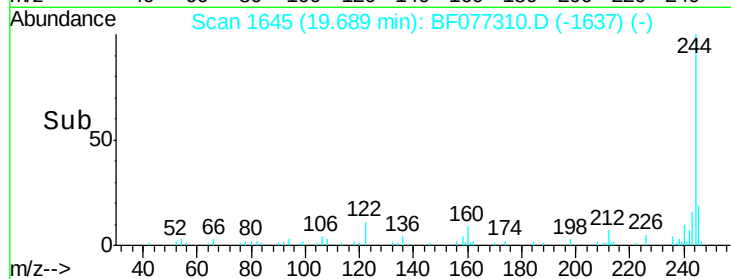
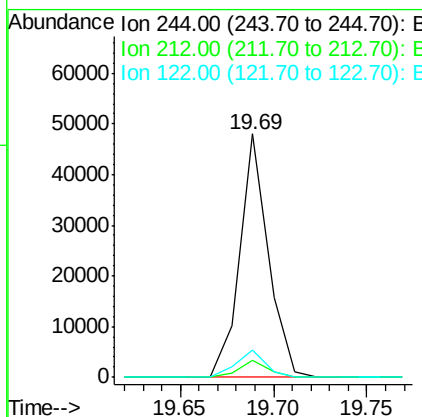
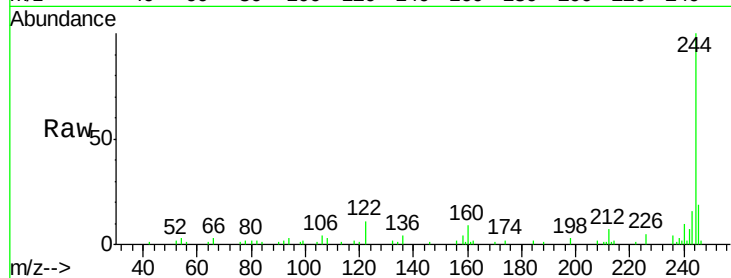




#78
 Terphenyl-d14
 Concen: 9.23 ng
 RT: 19.69 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF077310.D
 Acq: 13 Feb 2015 16:16

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

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#



#86
 Perylene-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

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

