

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077719.D
 Acq On : 12 Mar 2015 7:28
 Operator : TP/IZ
 Sample : G1466-01DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-082-3915DL

Quant Time: Mar 12 07:01:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

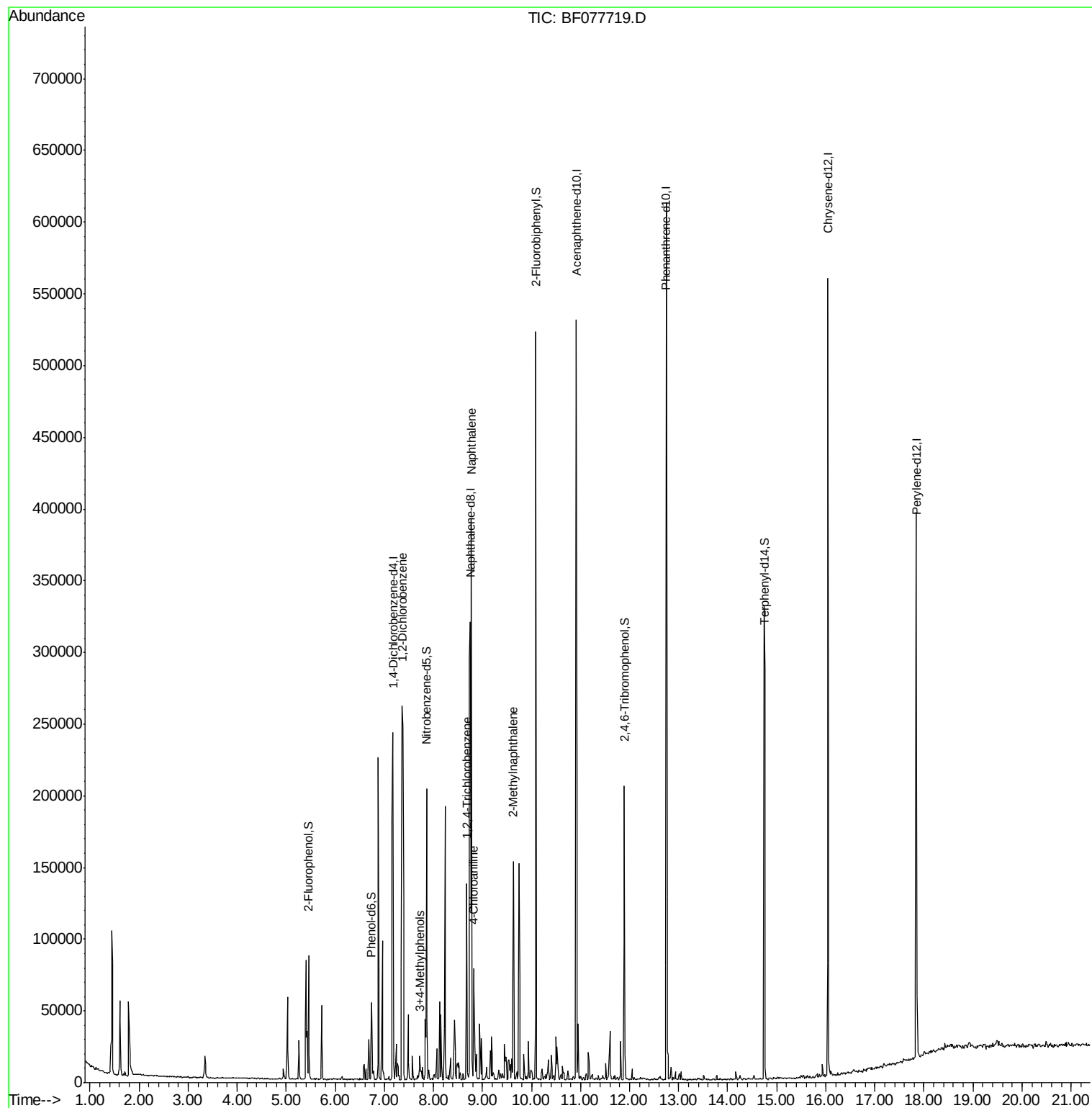
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	52108	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	216744	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	116202	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	229783	20.00	ng	0.00
75) Chrysene-d12	16.04	240	228299	20.00	ng	0.01
86) Perylene-d12	17.85	264	217360	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	29366	9.84	ng	0.00
7) Phenol-d6	6.74	99	21812	5.91	ng	0.00
23) Nitrobenzene-d5	7.86	82	61169	18.50	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	27437	24.68	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	154245	19.51	ng	0.00
78) Terphenyl-d14	14.75	244	162239	17.36	ng	0.00
Target Compounds						
14) 1,2-Dichlorobenzene	7.37	146	76402	20.29	ng	Qvalue # 94
20) 3+4-Methylphenols	7.72	107	7898	2.08	ng	# 39
30) 1,2,4-Trichlorobenzene	8.68	180	32904	9.71	ng	99
31) Naphthalene	8.77	128	183097	16.45	ng	99
33) 4-Chloroaniline	8.82	127	37052	8.20	ng	# 89
37) 2-Methylnaphthalene	9.63	142	44291	5.92	ng	100

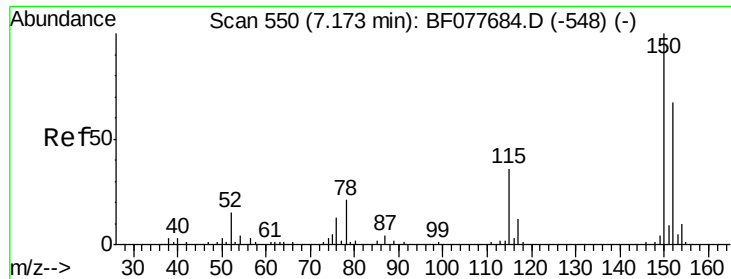
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 12 02:24:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

Instrument :

BNA_F

ClientSampleId :

DCW-WW-082-3915DL

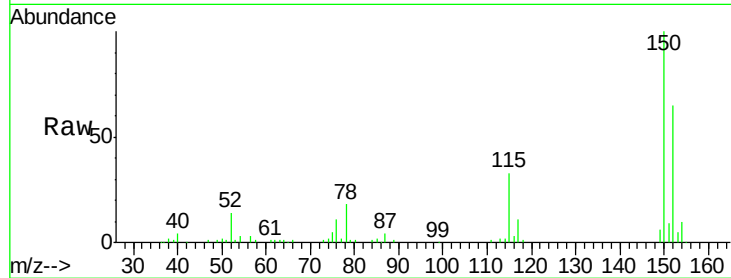
Tgt Ion:152 Resp: 52108

Ion Ratio Lower Upper

152 100

150 154.8 119.5 179.3

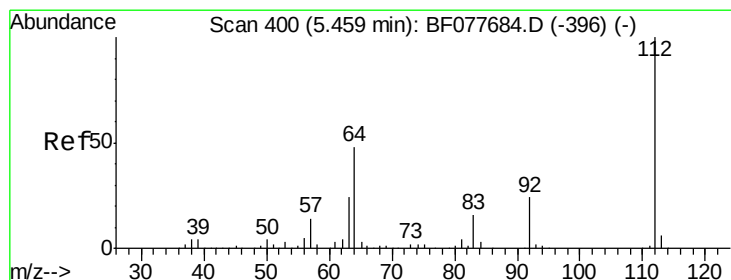
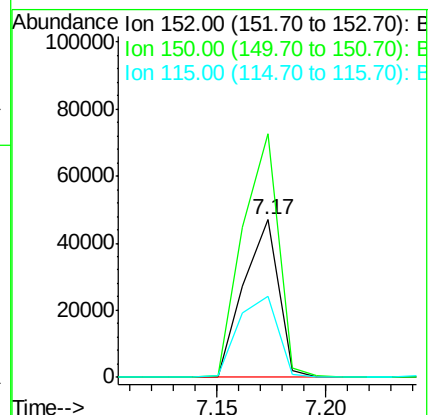
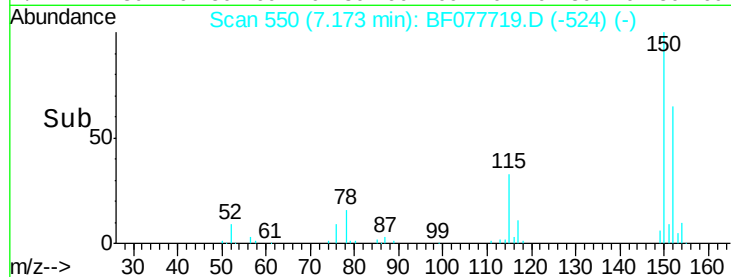
115 51.6 43.0 64.4



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: 9.84 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

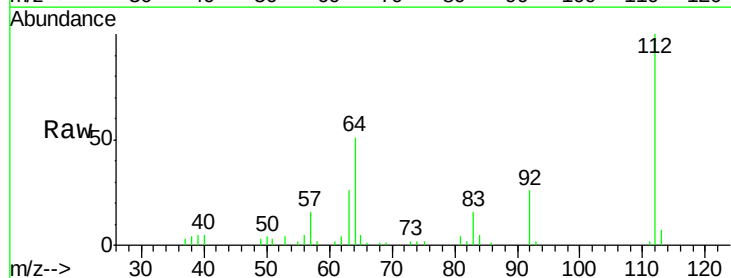
Tgt Ion:112 Resp: 29366

Ion Ratio Lower Upper

112 100

64 51.1 38.6 57.8

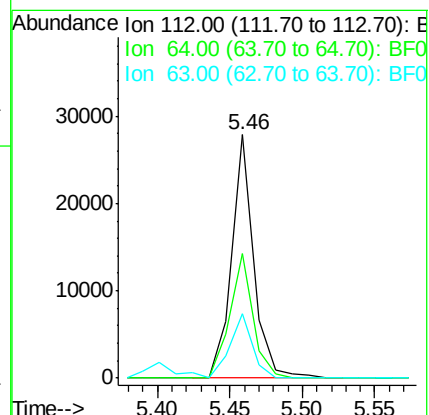
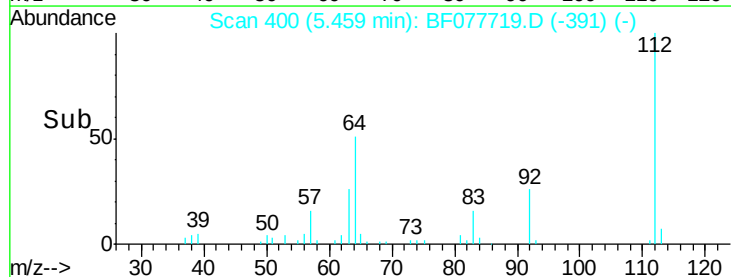
63 26.4 19.3 28.9

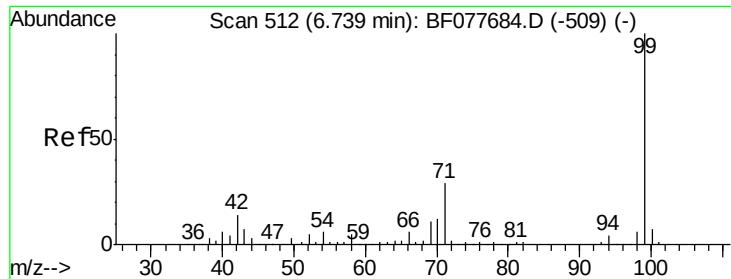


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 5.91 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

Instrument :

BNA_F

ClientSampleId :

DCW-WW-082-3915DL

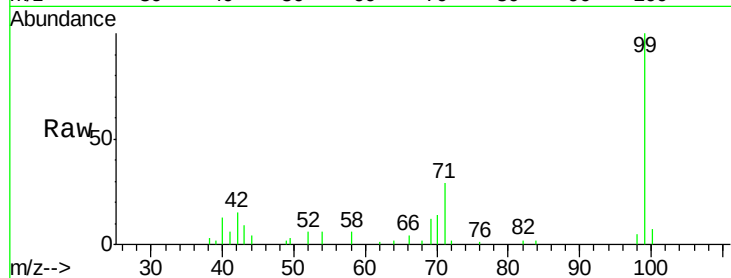
Tgt Ion: 99 Resp: 21812

Ion Ratio Lower Upper

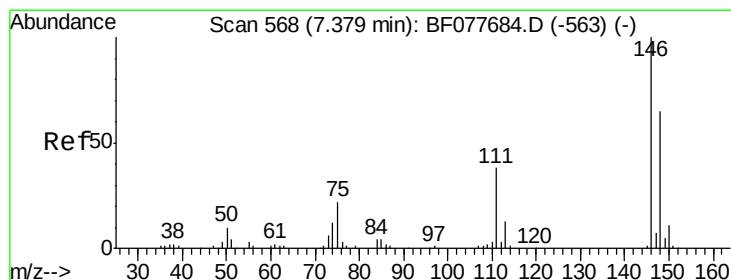
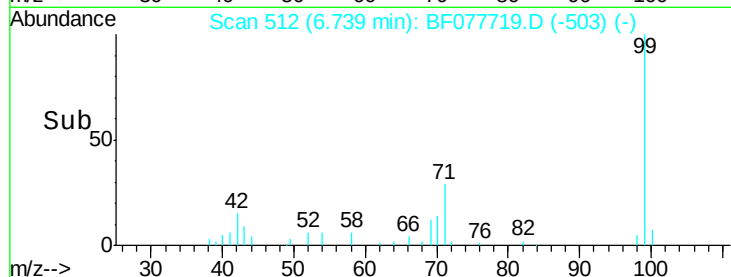
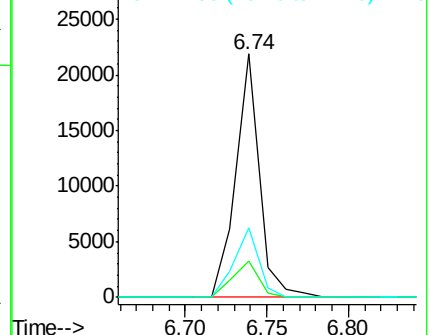
99 100

42 15.0 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



#14

1,2-Dichlorobenzene

Concen: 20.29 ng

RT: 7.37 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

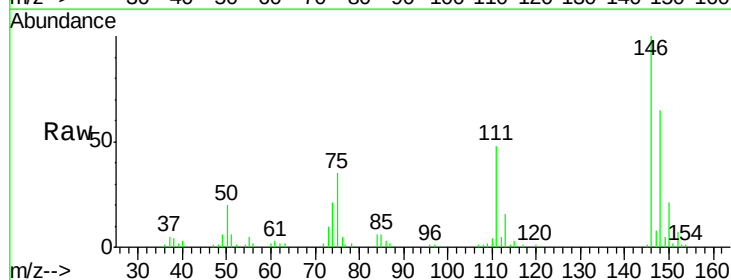
Tgt Ion: 146 Resp: 76402

Ion Ratio Lower Upper

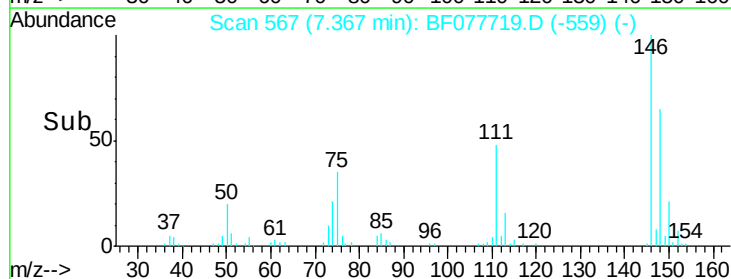
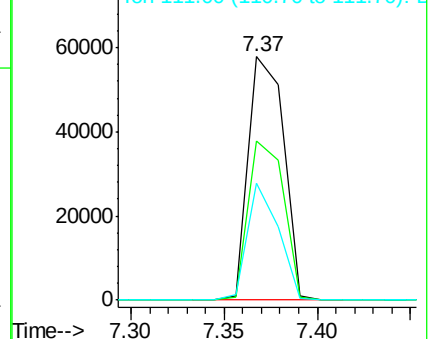
146 100

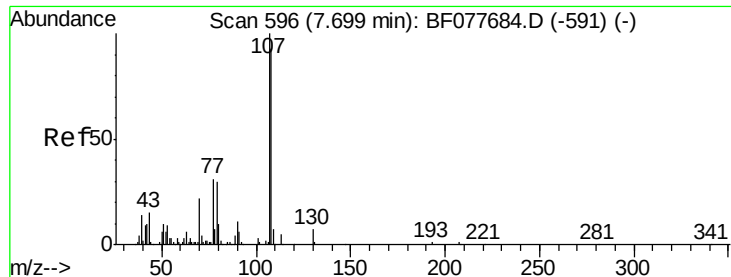
148 65.3 52.3 78.5

111 48.1 30.6 45.8#



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





#20

3+4-Methylphenols

Concen: 2.08 ng

RT: 7.72 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

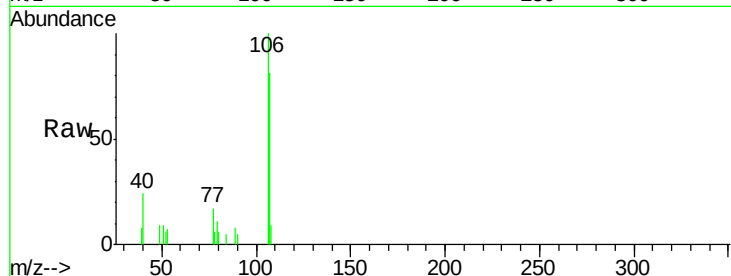
Instrument :

BNA_F

ClientSampleId :

DCW-WW-082-3915DL

Tgt Ion:	107	Resp:	7898
Ion	Ratio	Lower	Upper
107	100		
108	11.0	73.2	113.2#
77	20.6	10.7	50.7
79	13.9	9.6	49.6

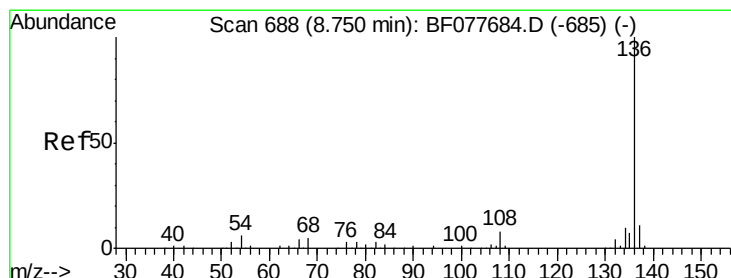
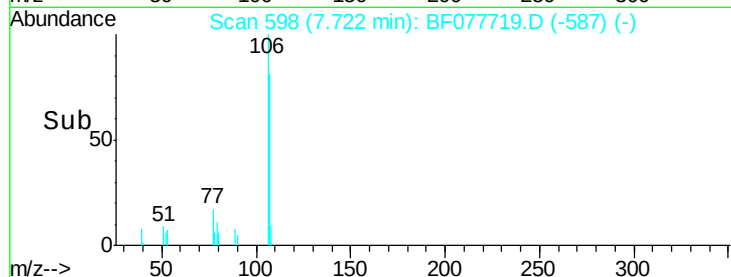
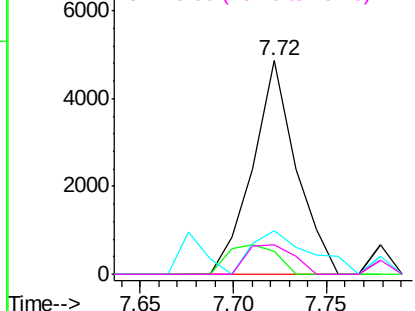


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

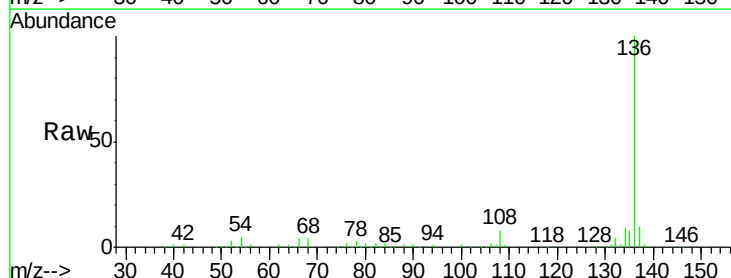
RT: 8.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

Tgt Ion:	136	Resp:	216744
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	5.2	4.6	6.8
68	4.2	3.7	5.5

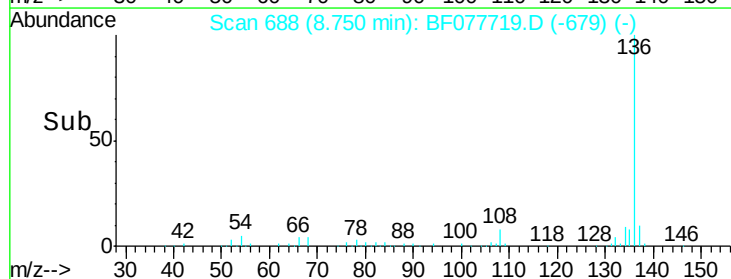
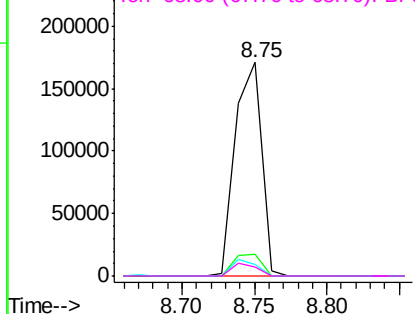


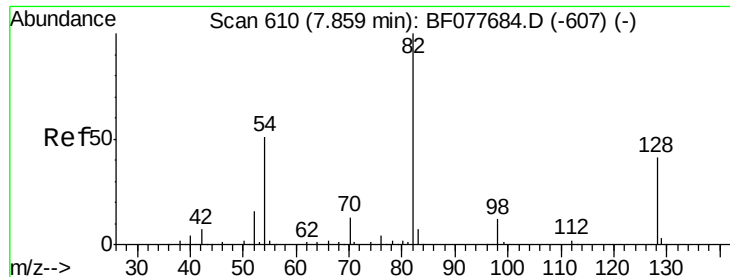
Abundance Ion 136.00 (135.70 to 136.70): E

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

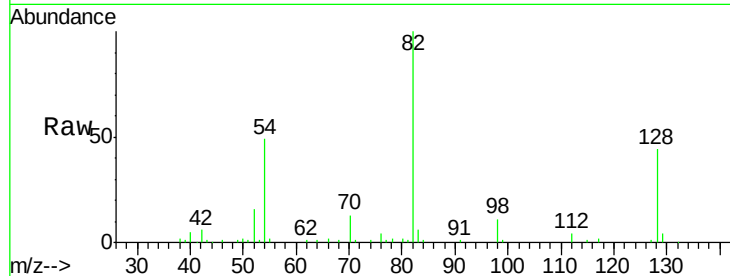




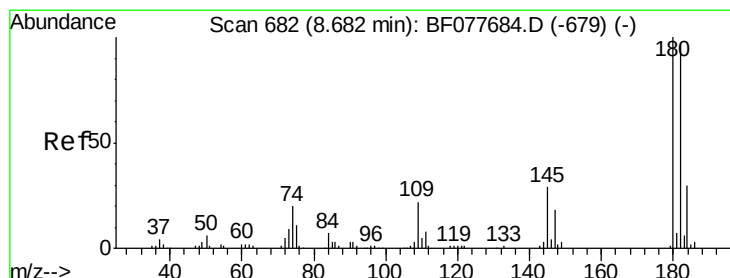
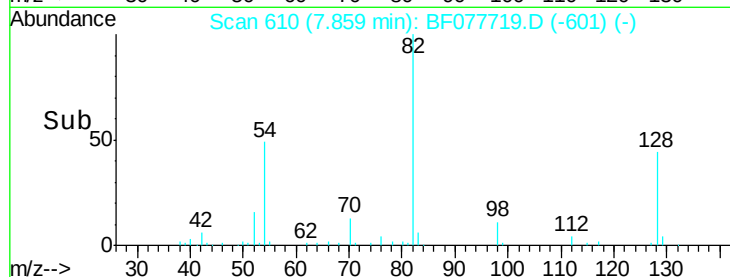
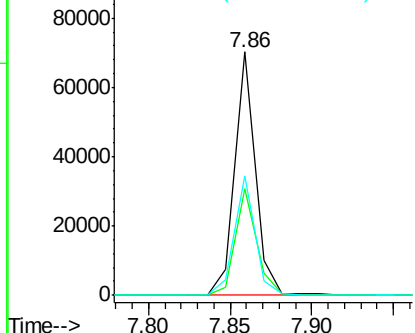
#23
 Nitrobenzene-d5
 Concen: 18.50 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077719.D
 Acq: 12 Mar 2015 7:28

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-082-3915DL

Tgt Ion: 82 Resp: 61169
 Ion Ratio Lower Upper
 82 100
 128 43.7 32.8 49.2
 54 48.9 40.6 60.8

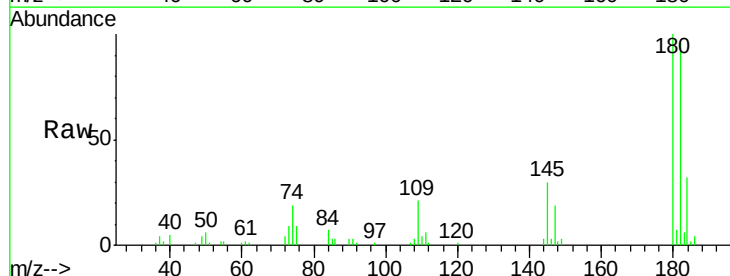


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

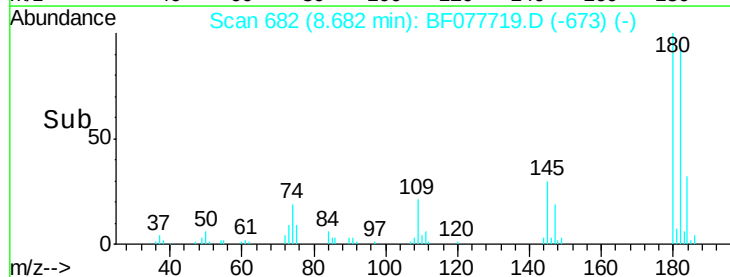
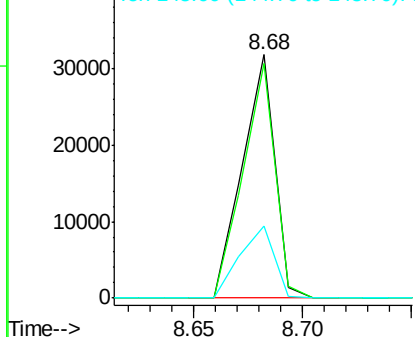


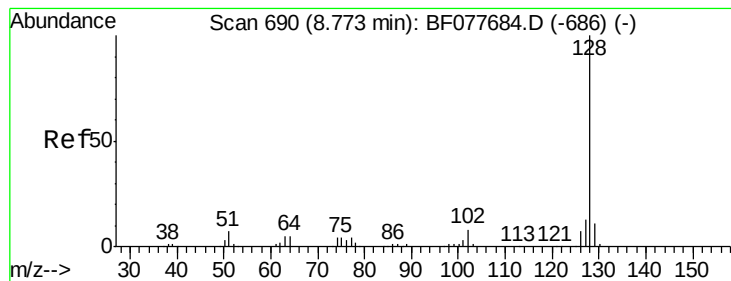
#30
 1,2,4-Trichlorobenzene
 Concen: 9.71 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077719.D
 Acq: 12 Mar 2015 7:28

Tgt Ion: 180 Resp: 32904
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.6 116.4
 145 29.6 23.4 35.2



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: 16.45 ng

RT: 8.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

Instrument :

BNA_F

ClientSampleId :

DCW-WW-082-3915DL

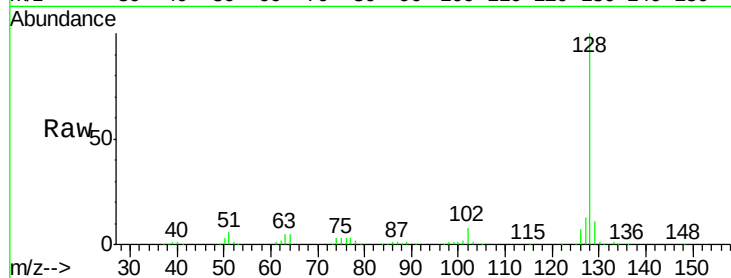
Tgt Ion:128 Resp: 183097

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

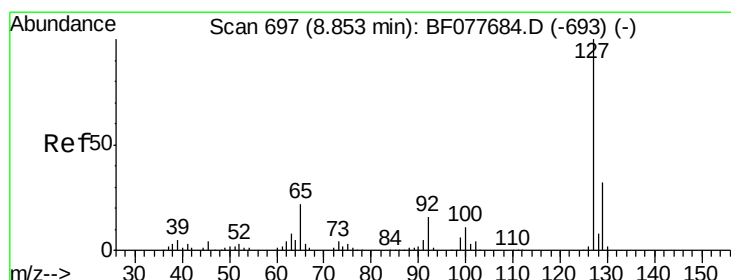
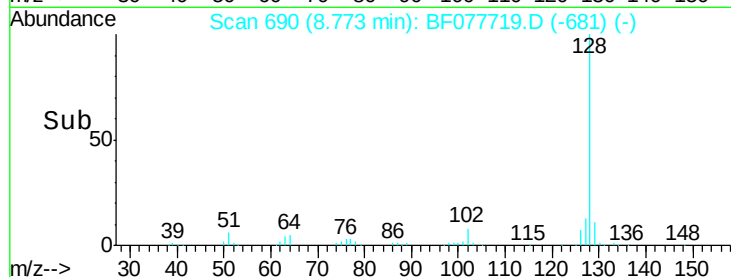
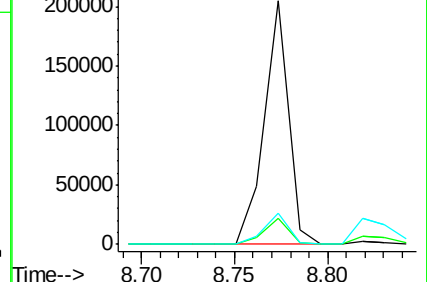
127 12.7 10.4 15.6



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: 8.20 ng

RT: 8.82 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

Tgt Ion:127 Resp: 37052

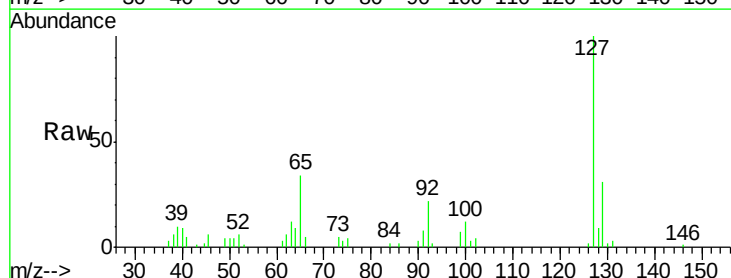
Ion Ratio Lower Upper

127 100

129 31.4 25.3 37.9

65 33.5 17.6 26.4#

92 21.6 13.1 19.7#

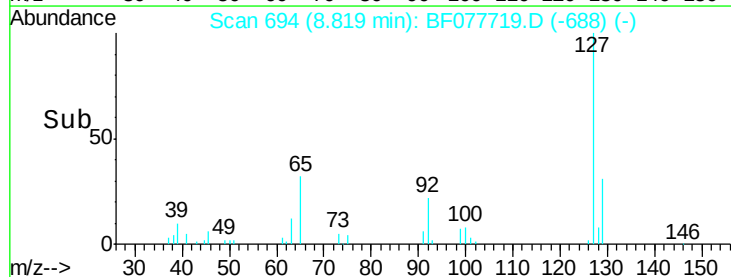
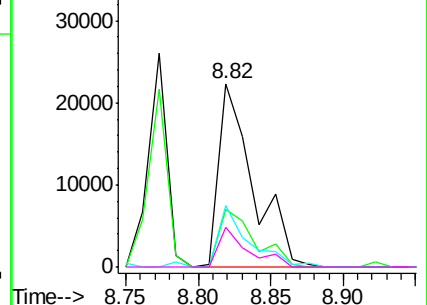


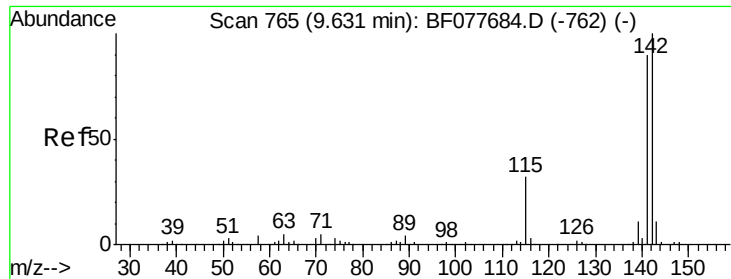
Abundance Ion 127.00 (126.70 to 127.70): E

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

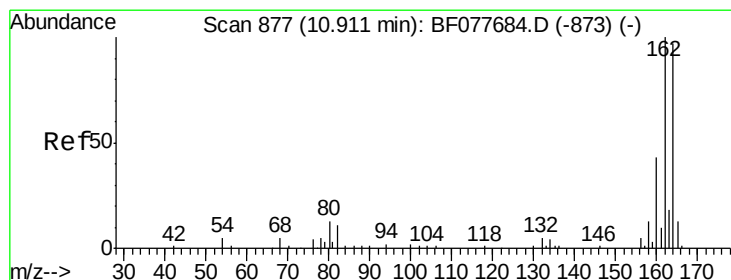
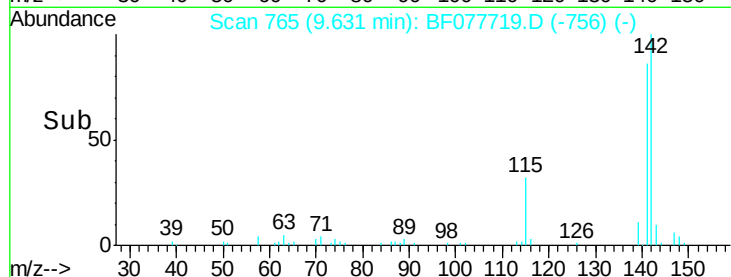
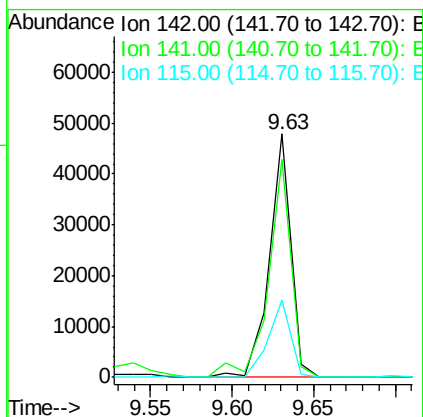
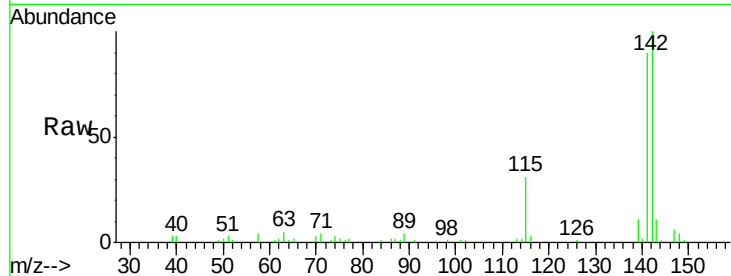




#37
 2-Methylnaphthalene
 Concen: 5.92 ng
 RT: 9.63 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF077719.D
 Acq: 12 Mar 2015 7:28

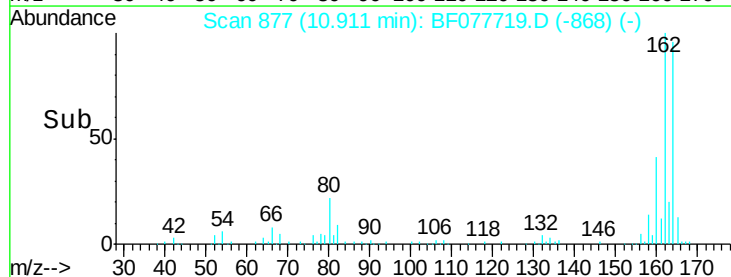
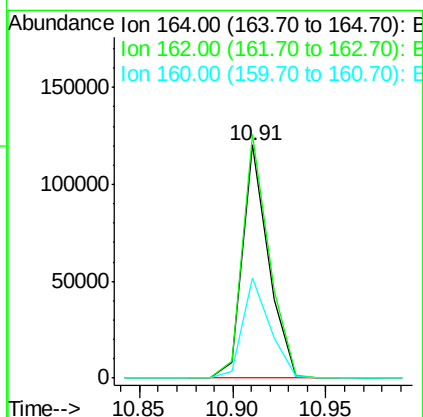
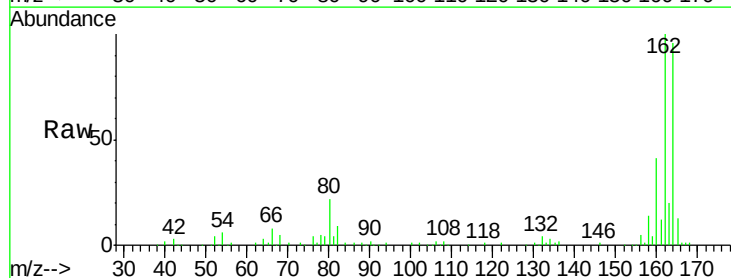
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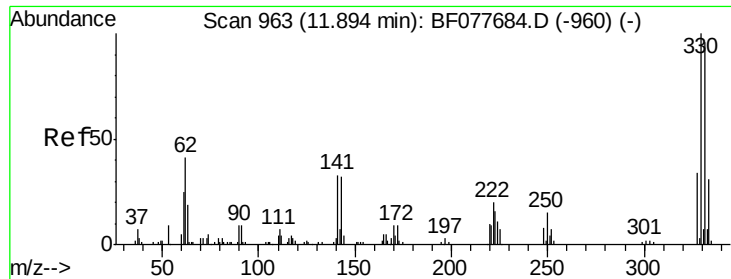
Tgt Ion:142 Resp: 44291
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.9 107.9
 115 31.5 25.4 38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077719.D
 Acq: 12 Mar 2015 7:28

Tgt Ion:164 Resp: 116202
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.4 123.6
 160 43.3 35.8 53.6

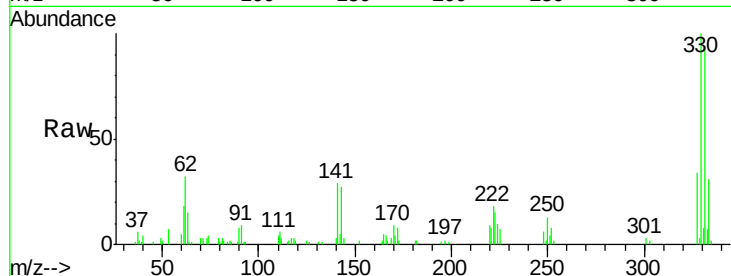




#41
 2,4,6-Tribromophenol
 Concen: 24.68 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077719.D
 Acq: 12 Mar 2015 7:28

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-082-3915DL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	0.0	0.0#
141	37.7	0.0	0.0#

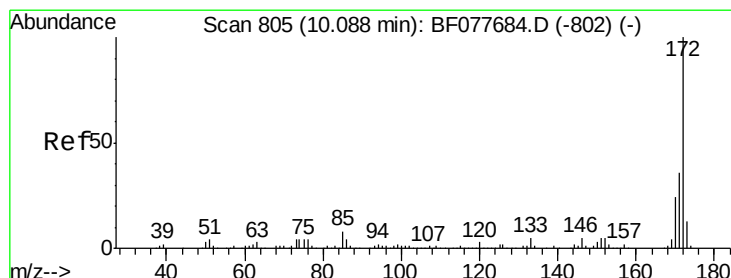
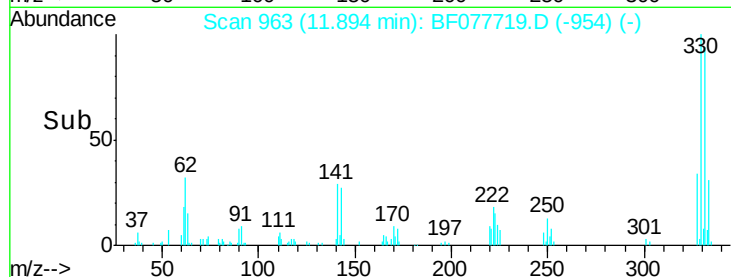
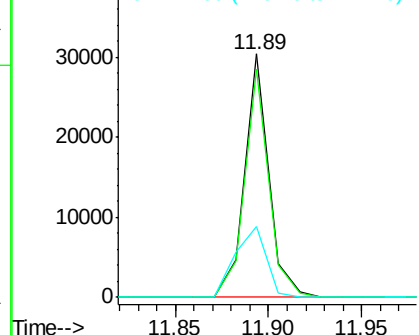


Abundance

Ion 329.80 (329.50 to 330.50): E

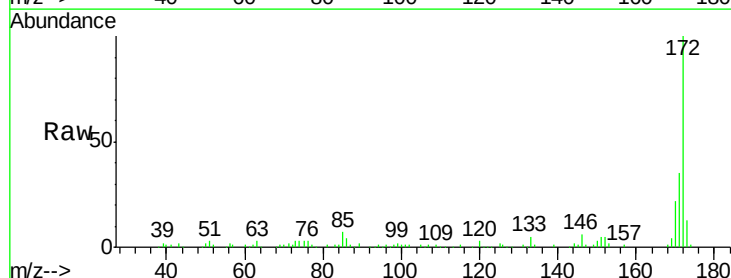
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 19.51 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077719.D
 Acq: 12 Mar 2015 7:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	22.5	18.8	28.2

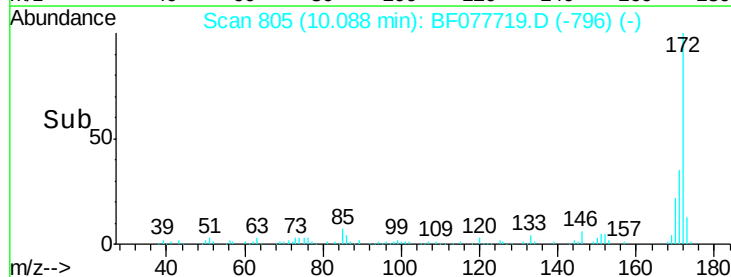
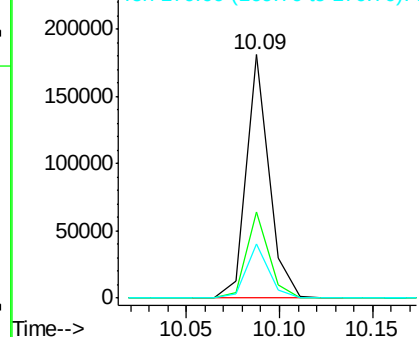


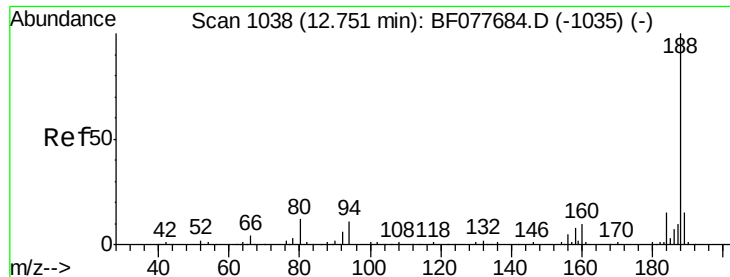
Abundance

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

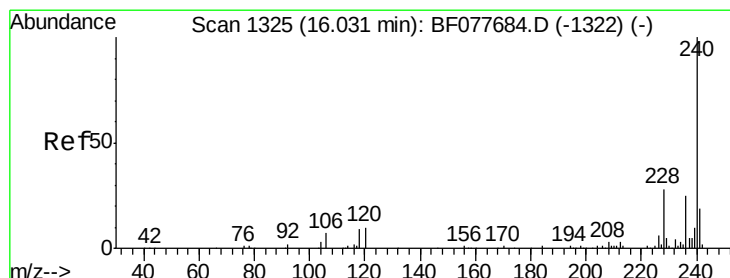
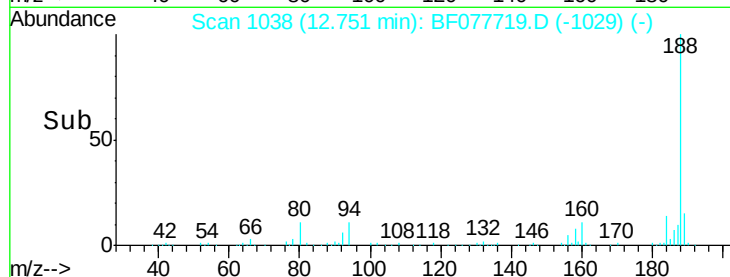
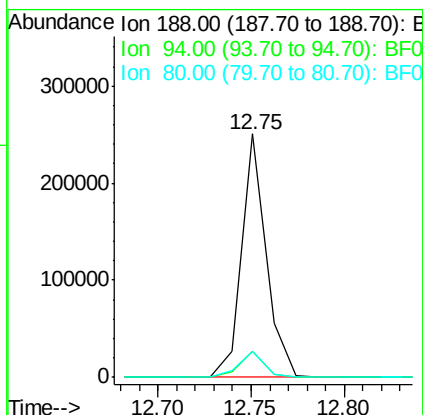
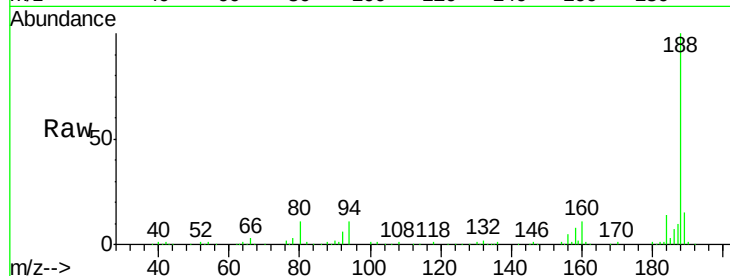




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077719.D
Acq: 12 Mar 2015 7:28

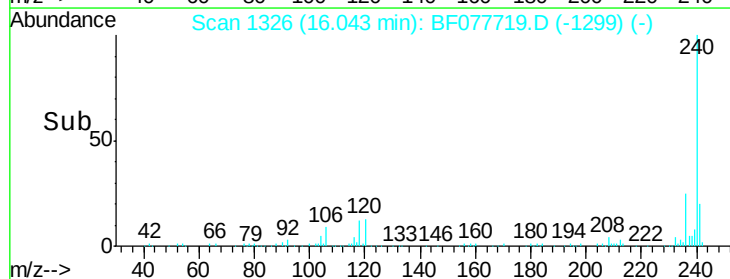
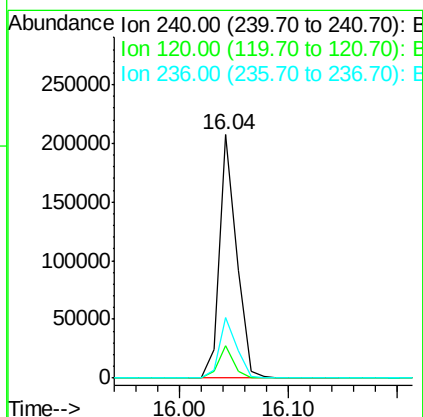
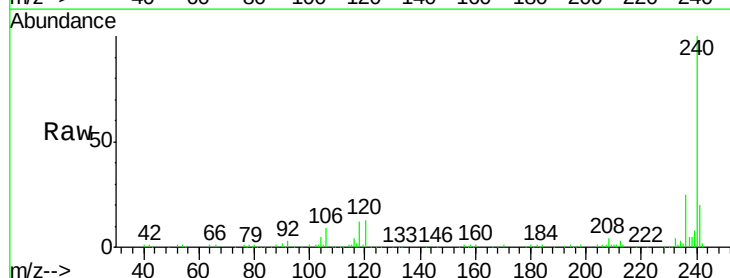
Instrument :
BNA_F
ClientSampleId :
DCW-WW-082-3915DL

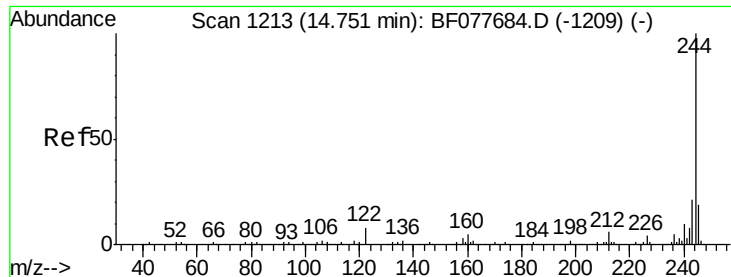
Tgt Ion:188 Resp: 229783
Ion Ratio Lower Upper
188 100
94 10.8 8.7 13.1
80 10.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF077719.D
Acq: 12 Mar 2015 7:28

Tgt Ion:240 Resp: 228299
Ion Ratio Lower Upper
240 100
120 13.2 8.2 12.2#
236 24.8 20.0 30.0





#78

Terphenyl-d14

Concen: 17.36 ng

RT: 14.75 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

Instrument :

BNA_F

ClientSampleId :

DCW-WW-082-3915DL

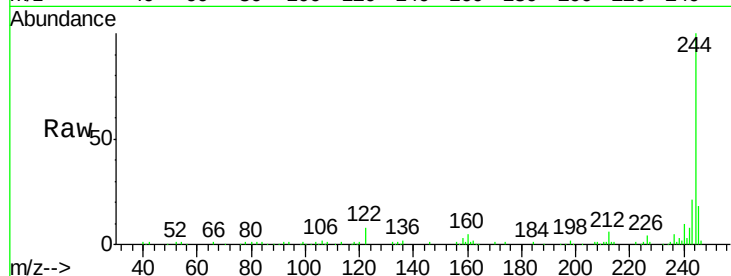
Tgt Ion:244 Resp: 162239

Ion Ratio Lower Upper

244 100

212 5.8 4.9 7.3

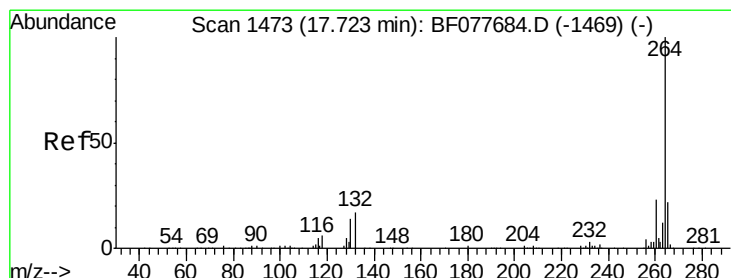
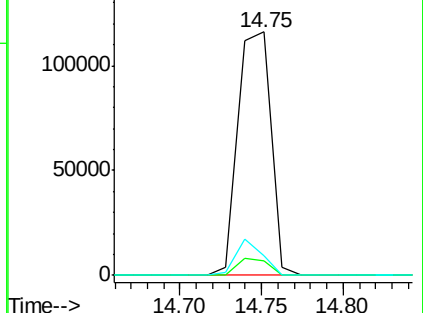
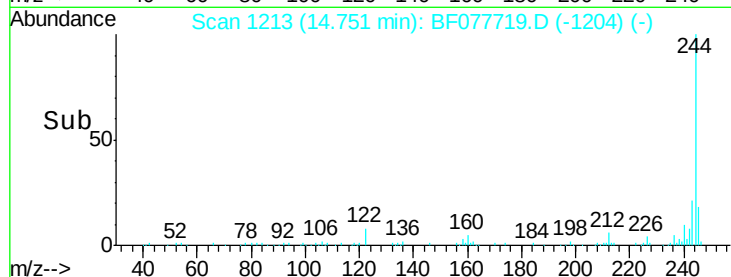
122 8.2 6.2 9.4



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

Perylene-d12

Concen: 20.00 ng

RT: 17.85 min Scan# 1484

Delta R.T. 0.13 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

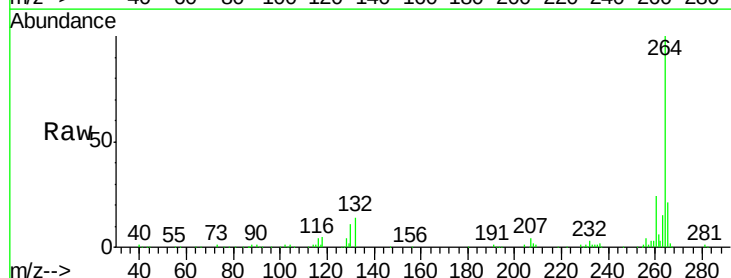
Tgt Ion:264 Resp: 217360

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 20.8 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

