

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077818.D
 Acq On : 19 Mar 2015 3:47
 Operator : TP/IZ
 Sample : G1560-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS-3

Quant Time: Mar 19 03:59:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	41905	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	171451	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	80685	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	156616	20.00	ng	0.01
75) Chrysene-d12	16.04	240	160392	20.00	ng	0.01
86) Perylene-d12	17.76	264	171283	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	134398	55.98	ng	0.01
7) Phenol-d6	6.73	99	114815	38.71	ng	0.00
23) Nitrobenzene-d5	7.86	82	220745	84.40	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	98934	128.16	ng	0.01
44) 2-Fluorobiphenyl	10.09	172	449838	81.93	ng	0.00
78) Terphenyl-d14	14.76	244	447713	68.18	ng	0.02

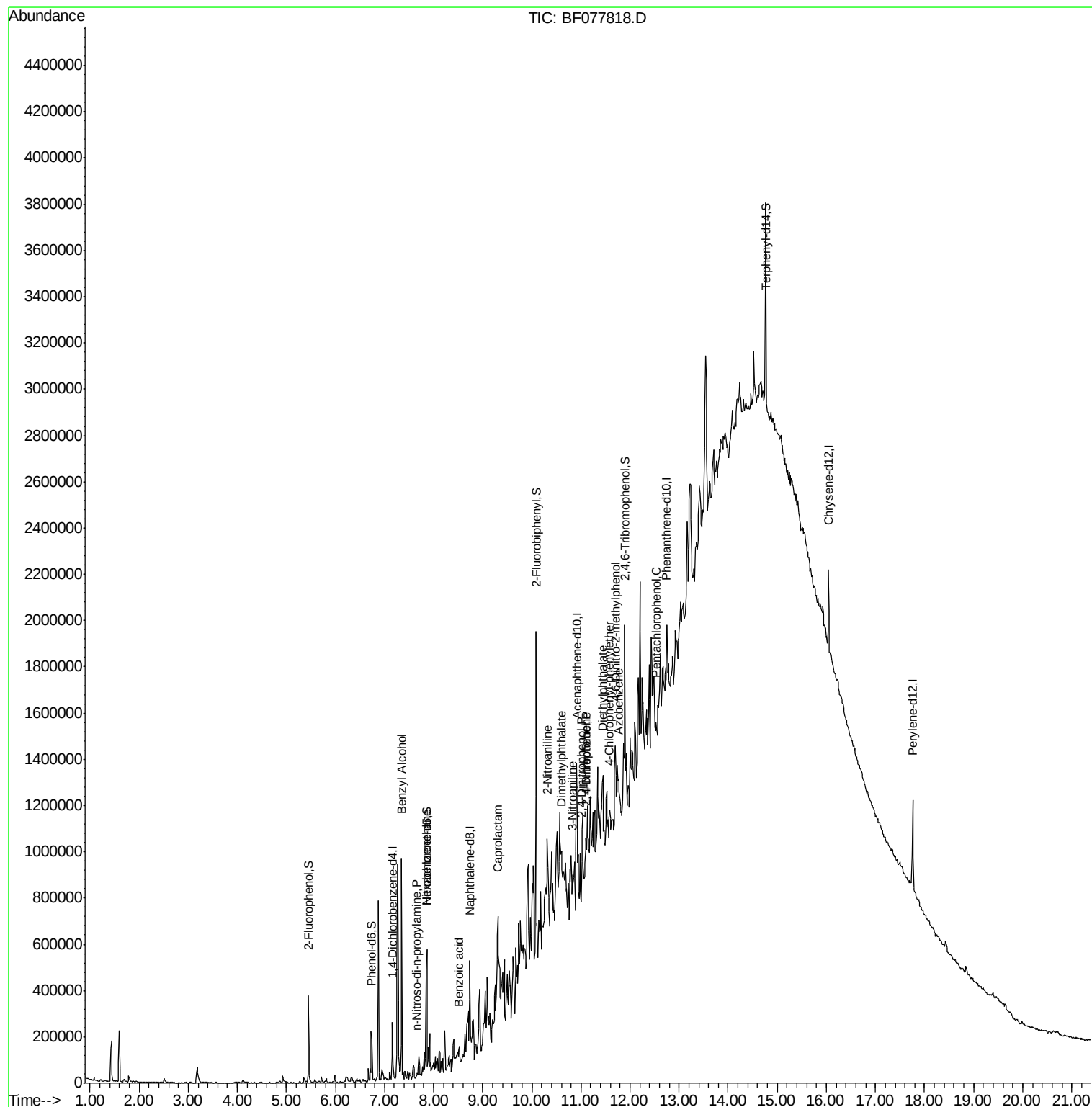
Target Compounds						Qvalue
15) Benzyl Alcohol	7.34	79	5960	2.57	ng	# 52
18) Hexachloroethane	7.86	117	22190	20.49	ng	# 3
19) n-Nitroso-di-n-propylamine	7.65	70	4558	2.22	ng	# 57
32) Benzoic acid	8.51	122	4664	6.20	ng	# 53
35) Caprolactam	9.31	113	14578	20.82	ng	# 1
47) 2-Nitroaniline	10.32	65	8360	6.42	ng	# 33
49) Dimethylphthalate	10.60	163	12214	2.04	ng	# 1
52) 3-Nitroaniline	10.83	138	10159	7.05	ng	# 27
53) 2,4-Dinitrophenol	11.01	184	1475	10.97	ng	# 1
55) 4-Nitrophenol	11.11	139	7185	6.73	ng	# 1
56) 2,4-Dinitrotoluene	11.12	165	3333	2.06	ng	# 64
59) Diethylphthalate	11.45	149	22379	3.84	ng	# 30
60) 4-Chlorophenyl-phenylether	11.59	204	6270	2.23	ng	# 30
62) Azobenzene	11.77	77	14917	2.68	ng	# 20
64) 4,6-Dinitro-2-methylphenol	11.70	198	556	4.98	ng	# 1
69) Pentachlorophenol	12.53	266	219	3.30	ng	# 19
76) Benzidine	14.40	184	1337	Below Cal		# 1

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

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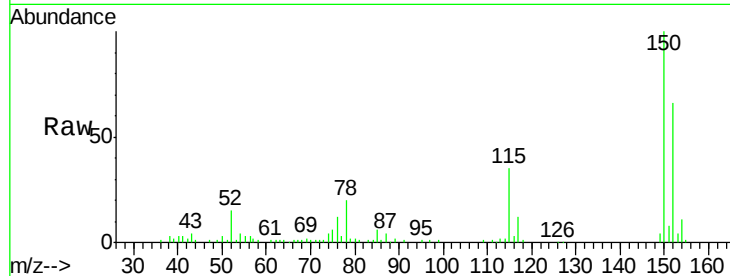


#1

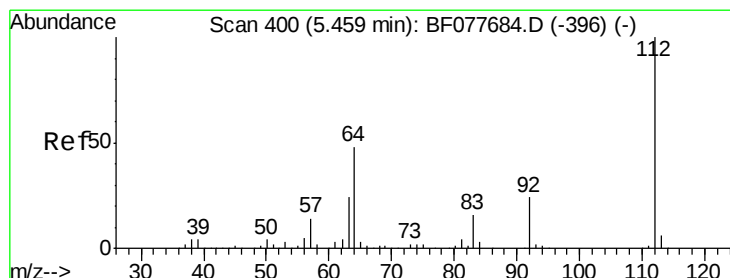
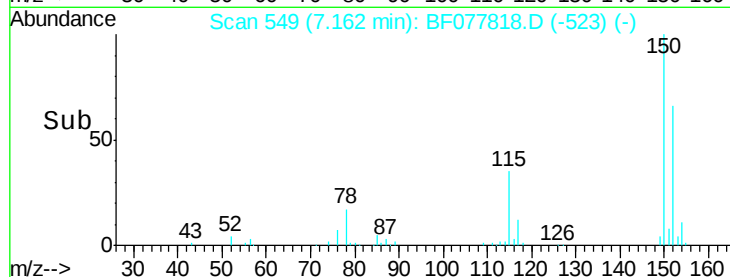
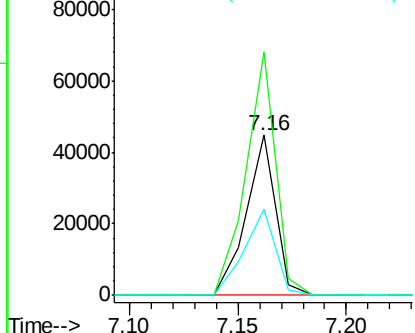
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF077818.D
 Acq: 19 Mar 2015 3:47

Instrument :
 BNA_F
 ClientSampleId :
 URS-3

Tgt Ion:152 Resp: 41905
 Ion Ratio Lower Upper
 152 100
 150 152.4 119.5 179.3
 115 53.8 43.0 64.4



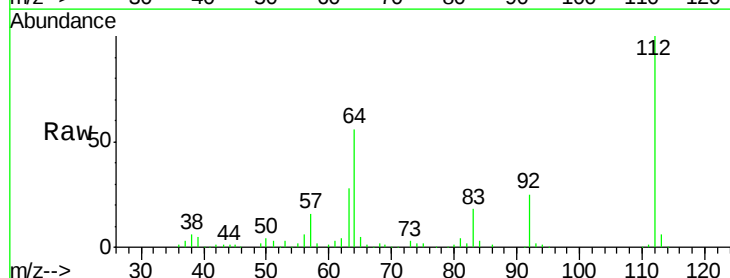
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



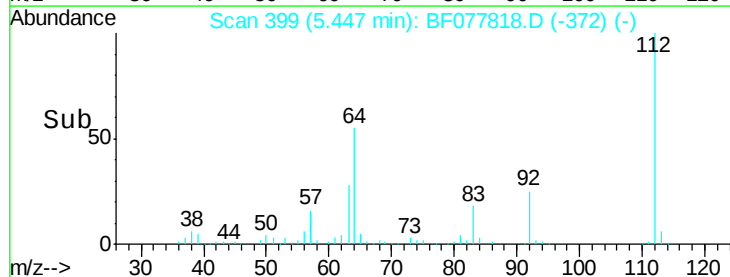
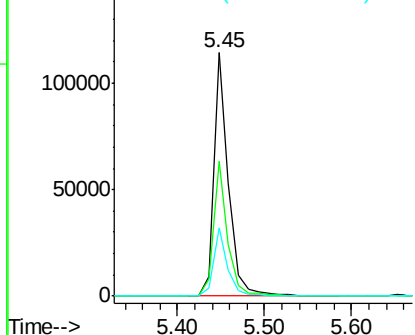
#5

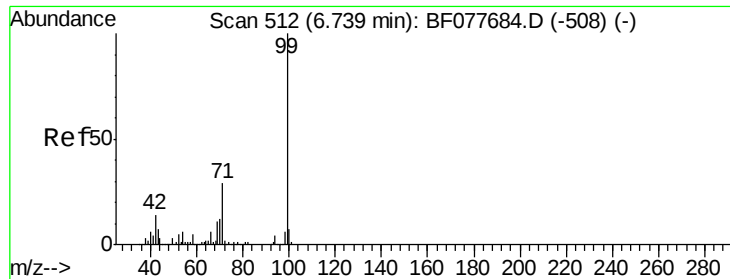
2-Fluorophenol
 Concen: 55.98 ng
 RT: 5.45 min Scan# 399
 Delta R.T. 0.01 min
 Lab File: BF077818.D
 Acq: 19 Mar 2015 3:47

Tgt Ion:112 Resp: 134398
 Ion Ratio Lower Upper
 112 100
 64 55.6 38.6 57.8
 63 28.2 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: 38.71 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

Instrument :

BNA_F

ClientSampleId :

URS-3

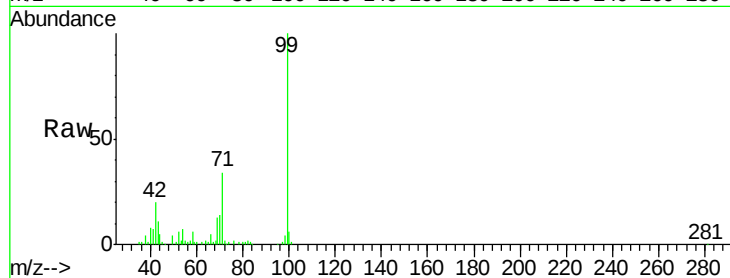
Tgt Ion: 99 Resp: 114815

Ion Ratio Lower Upper

99 100

42 19.6 11.0 16.4#

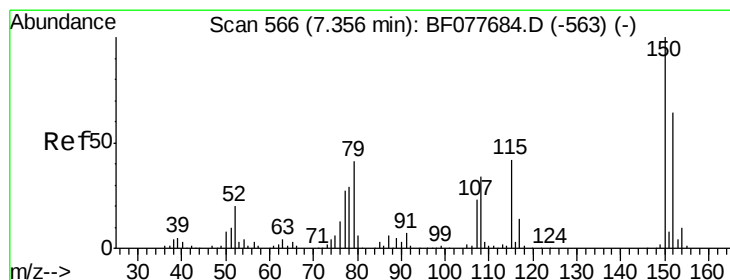
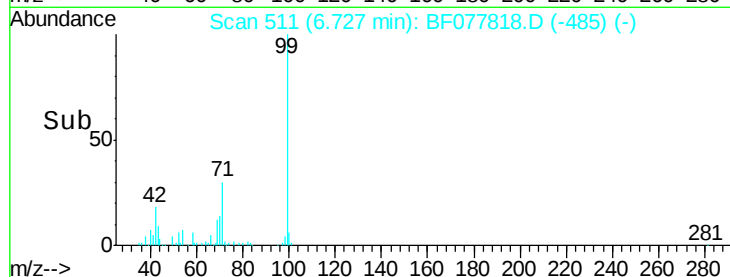
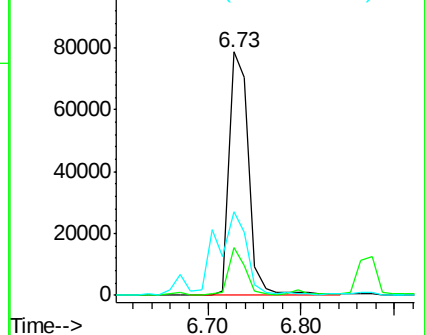
71 34.1 23.4 35.2



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



#15

Benzyl Alcohol

Concen: 2.57 ng

RT: 7.34 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

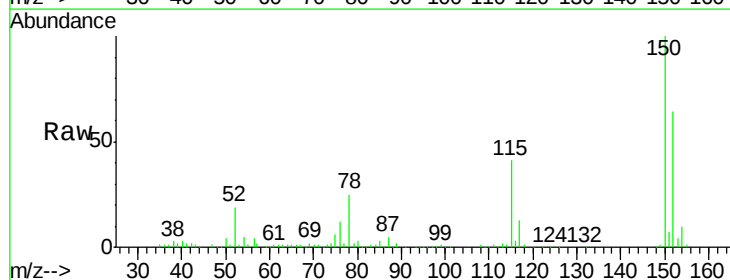
Tgt Ion: 79 Resp: 5960

Ion Ratio Lower Upper

79 100

108 28.9 65.0 97.4#

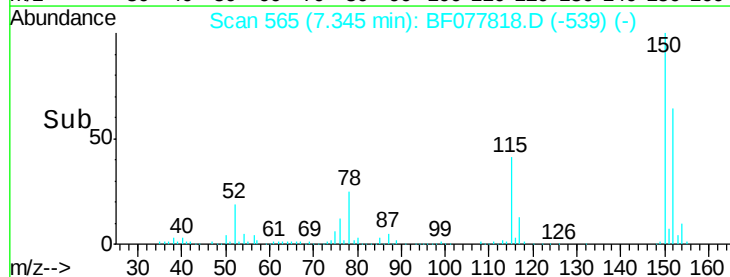
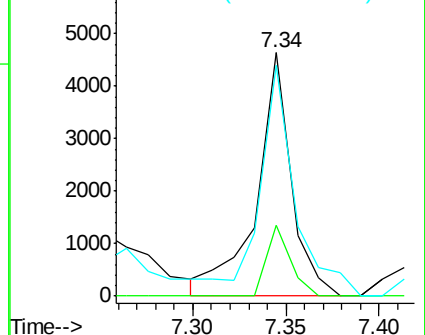
77 94.7 53.0 79.6#

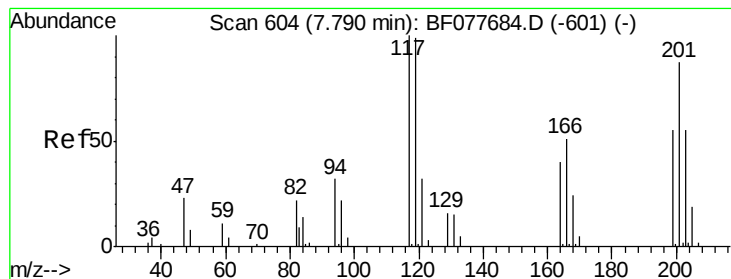


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 20.49 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.08 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

Instrument :

BNA_F

ClientSampleId :

URS-3

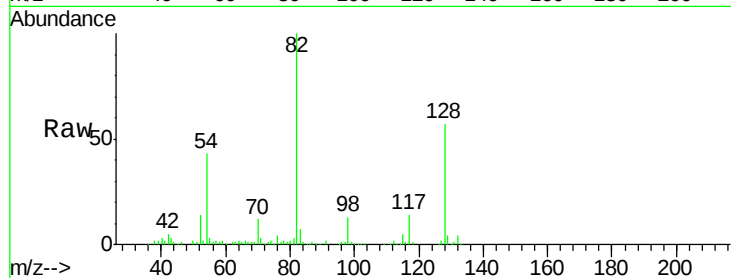
Tgt Ion: 117 Resp: 22190

Ion Ratio Lower Upper

117 100

119 0.0 79.2 118.8#

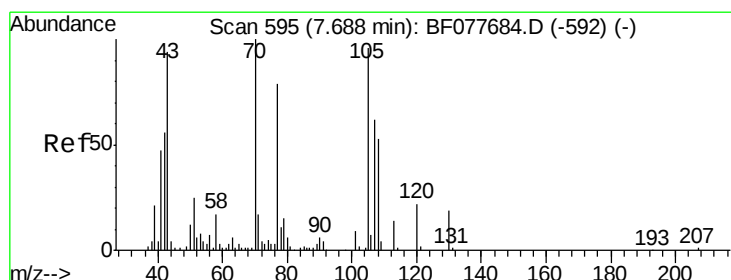
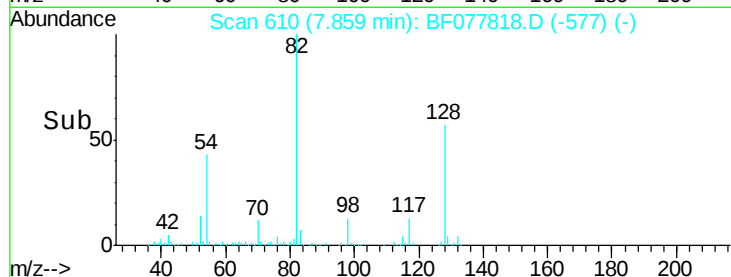
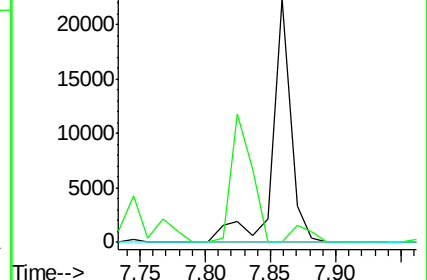
201 0.0 69.8 104.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 2.22 ng

RT: 7.65 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

Tgt Ion: 70 Resp: 4558

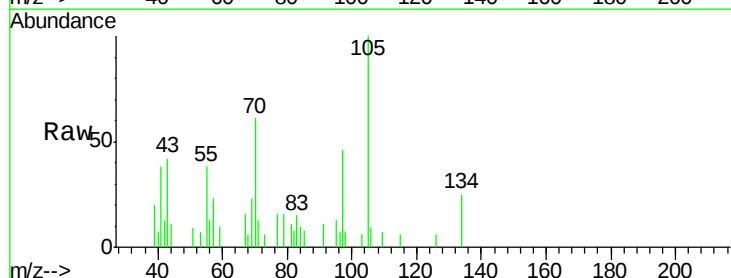
Ion Ratio Lower Upper

70 100

42 21.8 44.5 66.7#

101 0.0 7.4 11.2#

130 0.0 15.3 22.9#

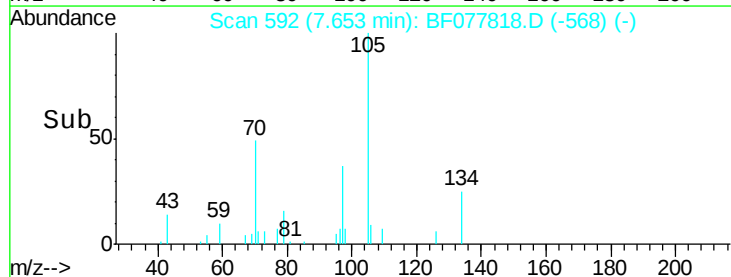
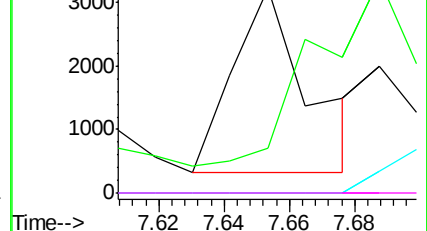


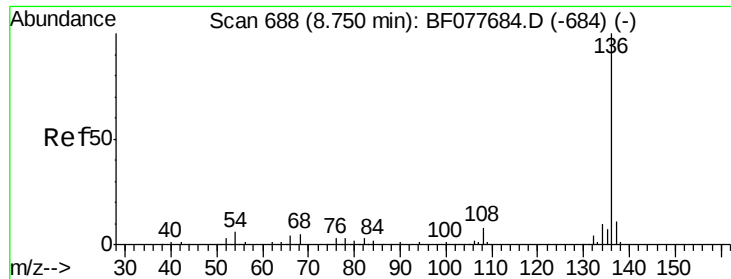
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

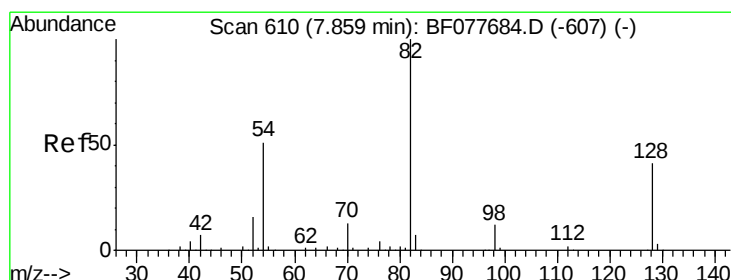
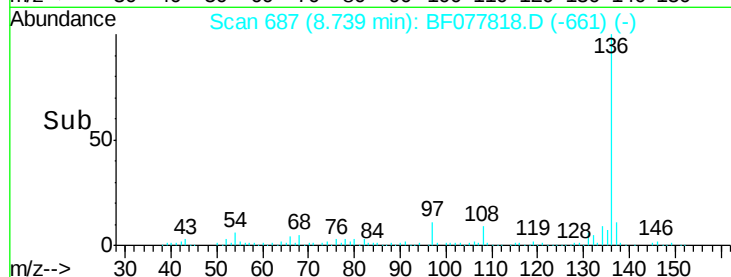
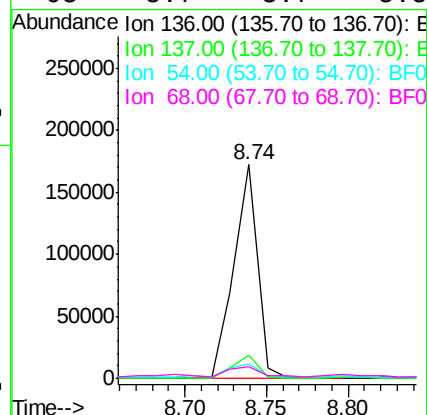
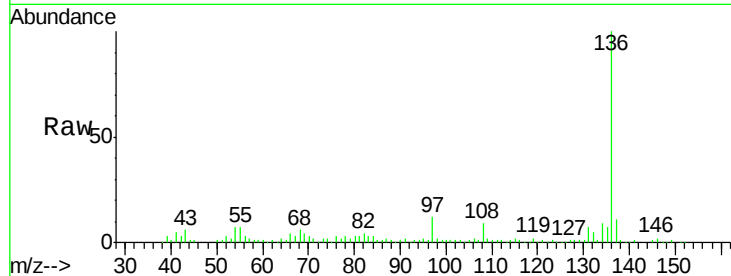




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077818.D
Acq: 19 Mar 2015 3:47

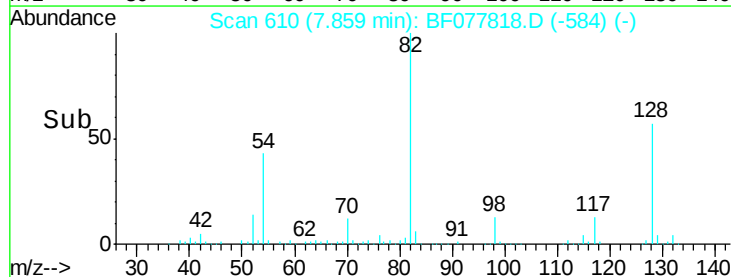
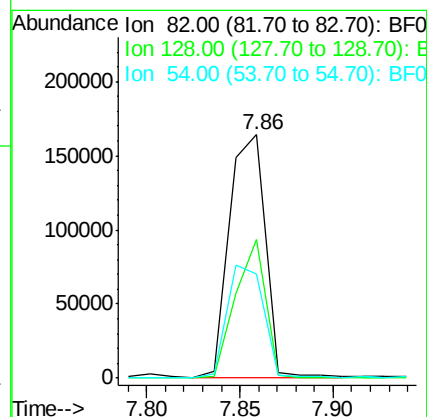
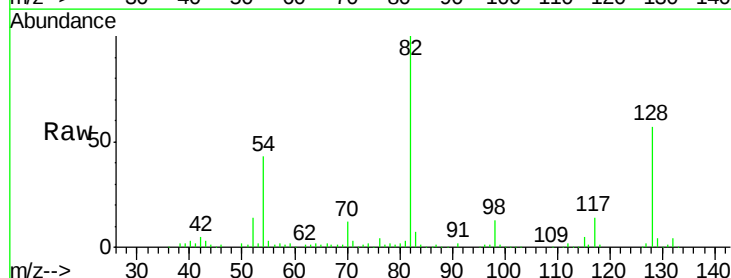
Instrument :
BNA_F
ClientSampleId :
URS-3

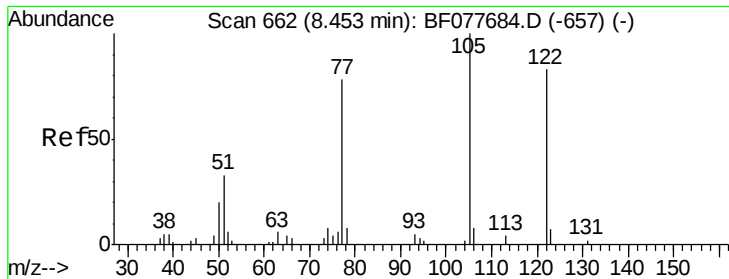
Tgt Ion:	136	Resp:	171451
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.5	4.6	6.8
68	5.7	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 84.40 ng
RT: 7.86 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF077818.D
Acq: 19 Mar 2015 3:47

Tgt Ion:	82	Resp:	220745
Ion	Ratio	Lower	Upper
82	100		
128	57.0	32.8	49.2#
54	42.8	40.6	60.8





#32

Benzoic acid

Concen: 6.20 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.06 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

Instrument :

BNA_F

ClientSampleId :

URS-3

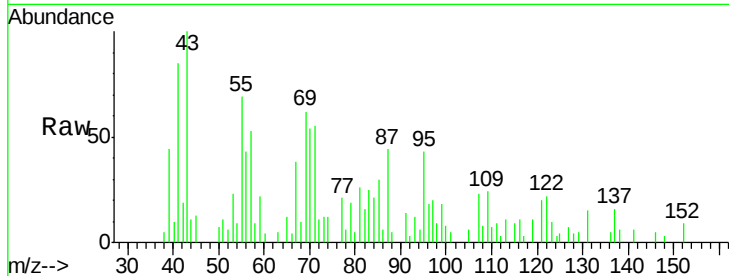
Tgt Ion:122 Resp: 4664

Ion Ratio Lower Upper

122 100

105 29.8 99.9 139.9#

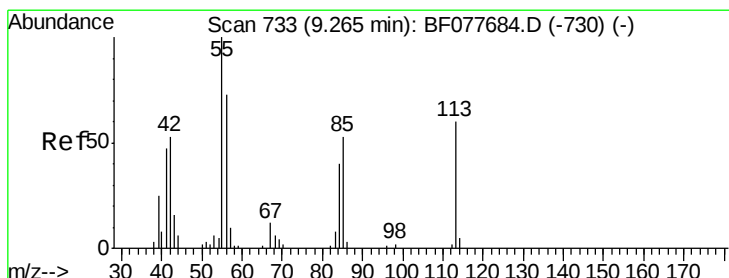
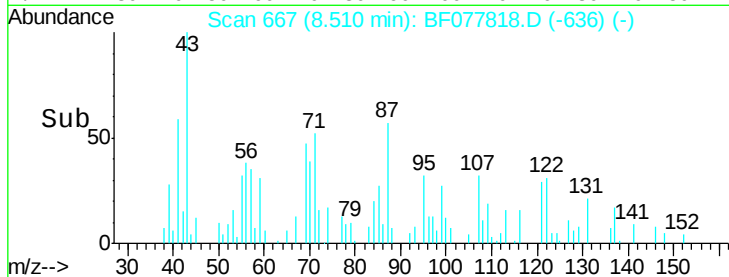
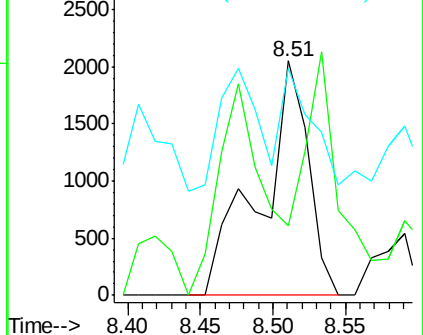
77 97.0 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#35

Caprolactam

Concen: 20.82 ng

RT: 9.31 min Scan# 737

Delta R.T. 0.05 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

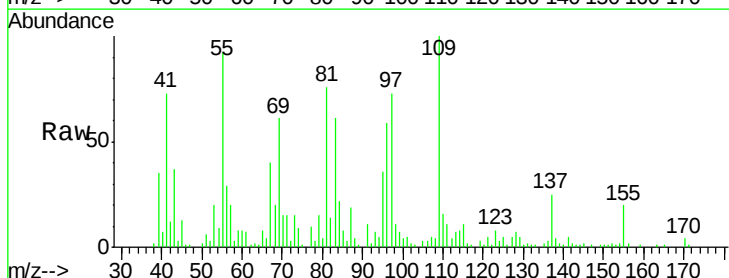
Tgt Ion:113 Resp: 14578

Ion Ratio Lower Upper

113 100

55 1350.7 145.9 185.9#

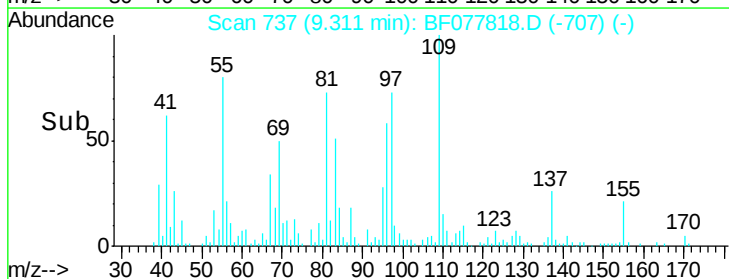
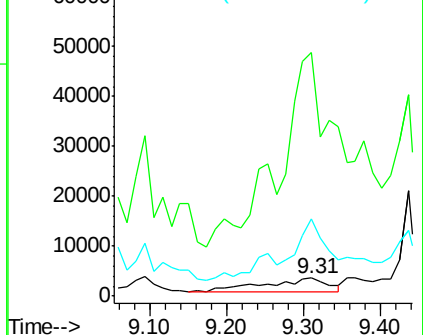
56 425.6 101.0 141.0#

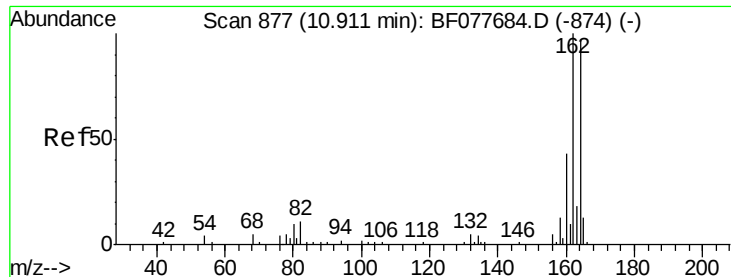


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

Instrument :

BNA_F

ClientSampleId :

URS-3

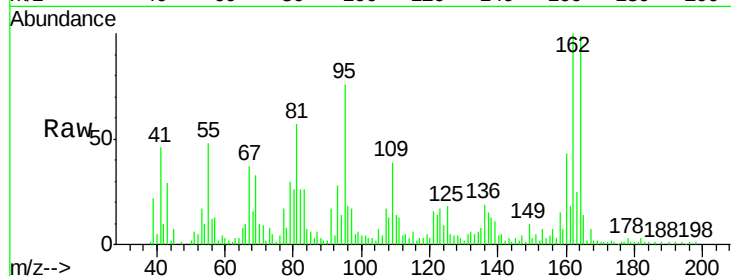
Tgt Ion:164 Resp: 80685

Ion Ratio Lower Upper

164 100

162 101.2 82.4 123.6

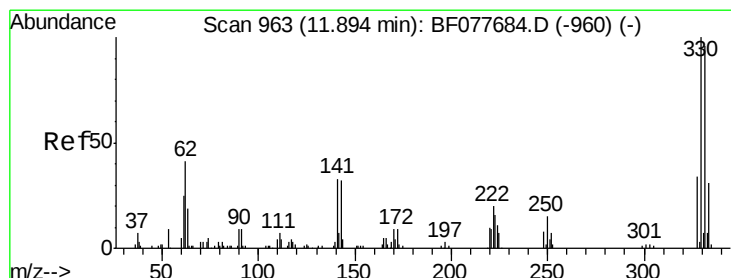
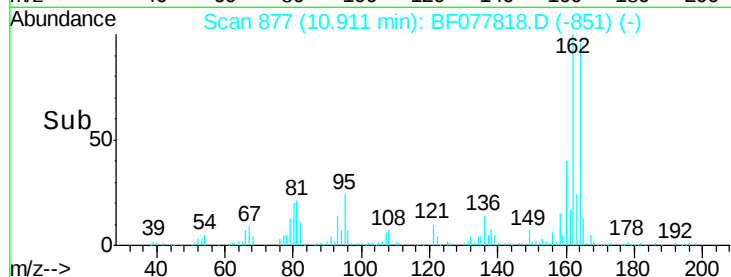
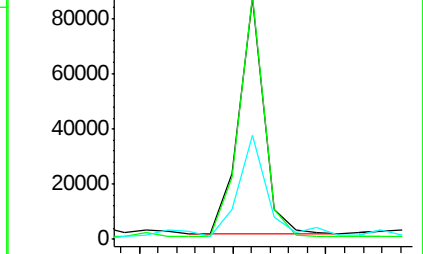
160 43.4 35.8 53.6



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: 128.16 ng

RT: 11.89 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

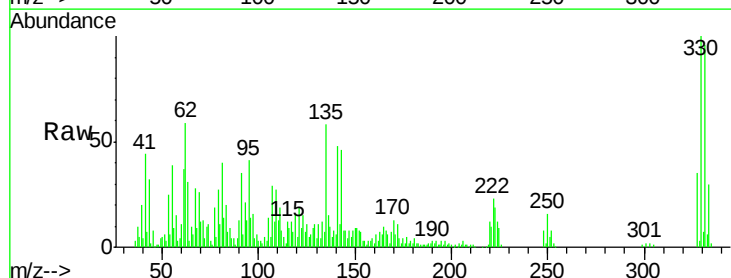
Tgt Ion:330 Resp: 98934

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

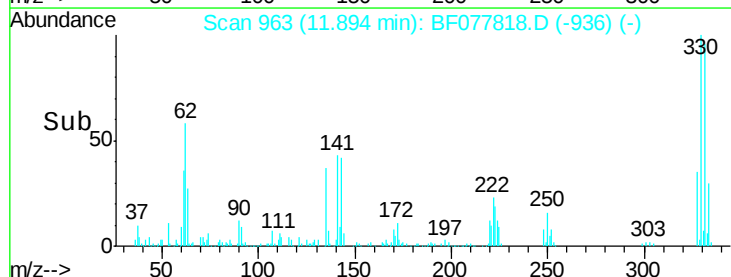
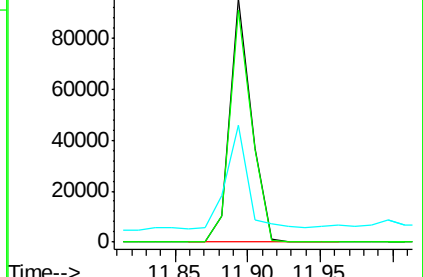
141 47.1 0.0 0.0#

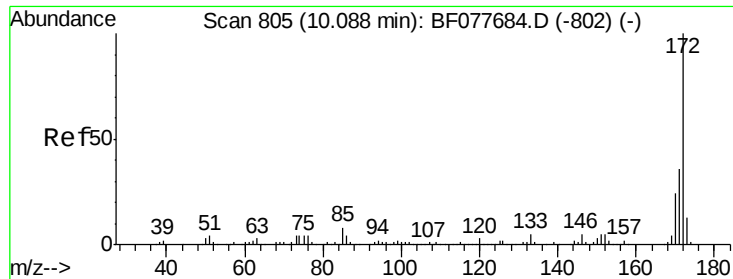


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

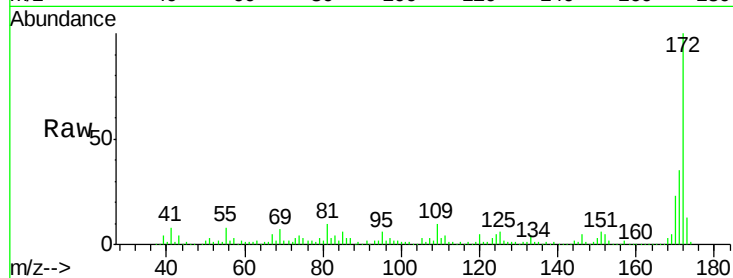




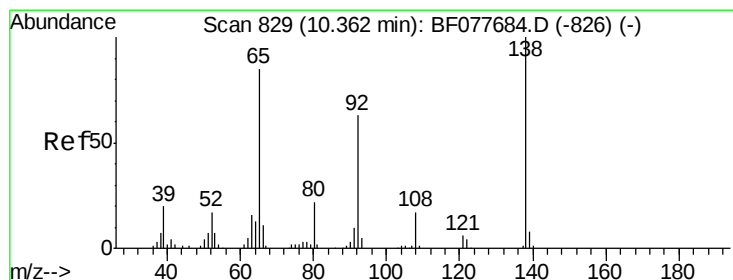
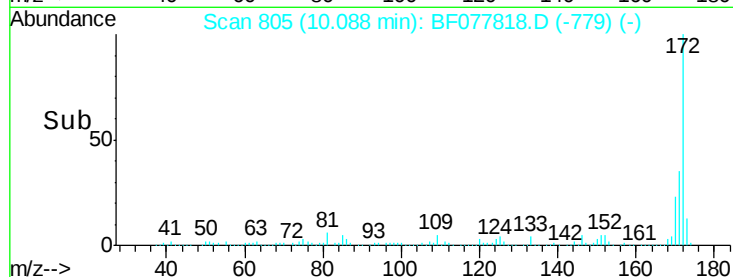
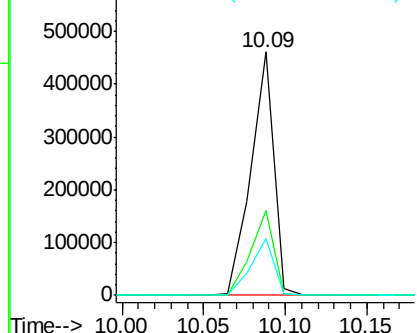
#44
 2-Fluorobiphenyl
 Concen: 81.93 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077818.D
 Acq: 19 Mar 2015 3:47

Instrument :
 BNA_F
 ClientSampleId :
 URS-3

Tgt Ion: 172 Resp: 449838
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.2 18.8 28.2

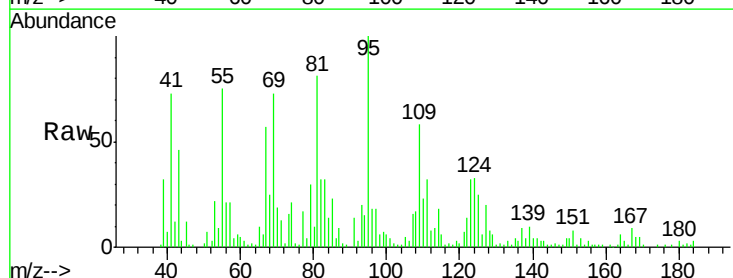


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

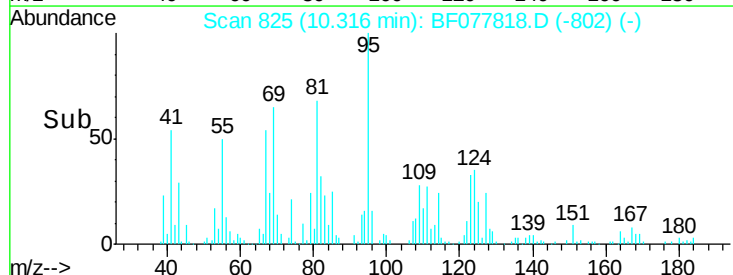
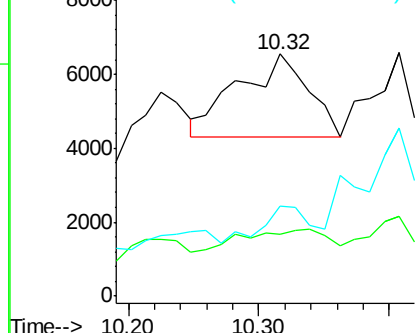


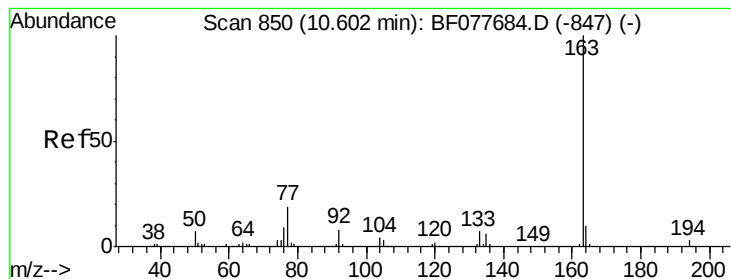
#47
 2-Nitroaniline
 Concen: 6.42 ng
 RT: 10.32 min Scan# 825
 Delta R.T. -0.03 min
 Lab File: BF077818.D
 Acq: 19 Mar 2015 3:47

Tgt Ion: 65 Resp: 8360
 Ion Ratio Lower Upper
 65 100
 92 25.8 59.1 88.7#
 138 37.2 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 2.04 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

Instrument :

BNA_F

ClientSampled :

URS-3

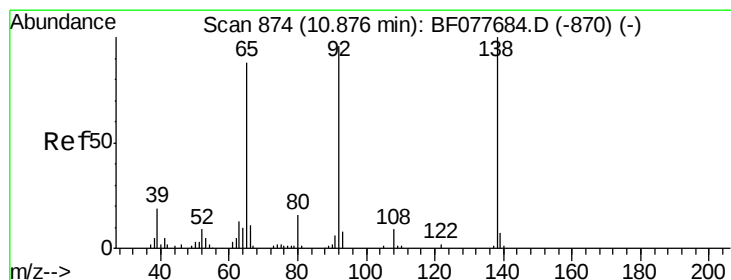
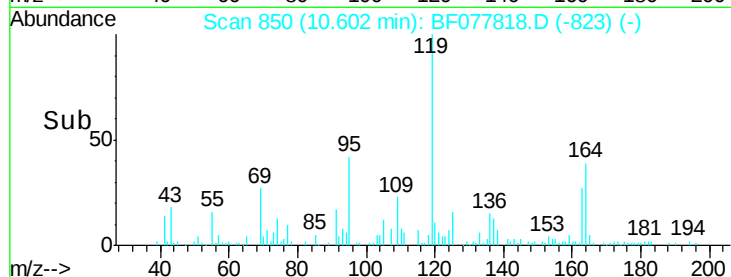
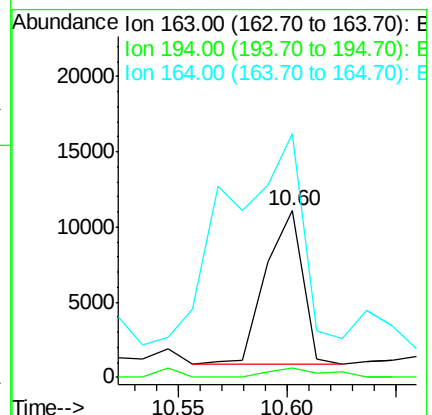
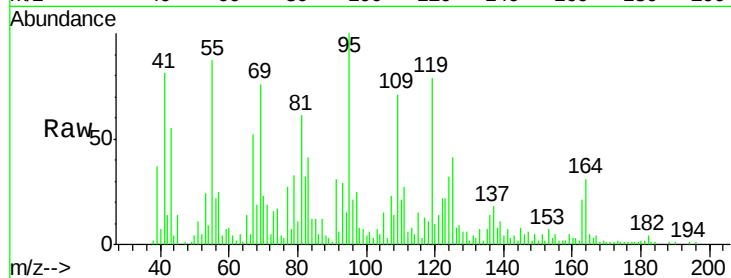
Tgt Ion:163 Resp: 12214

Ion Ratio Lower Upper

163 100

194 5.4 2.7 4.1#

164 146.4 8.2 12.2#



#52

3-Nitroaniline

Concen: 7.05 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.03 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

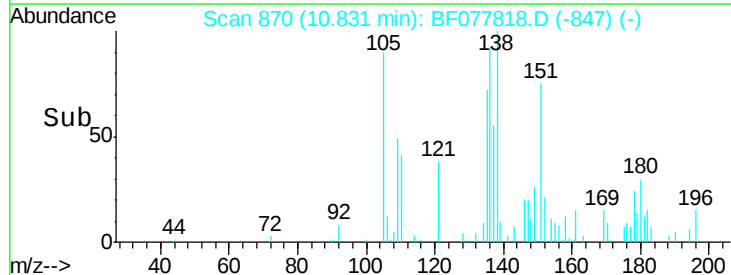
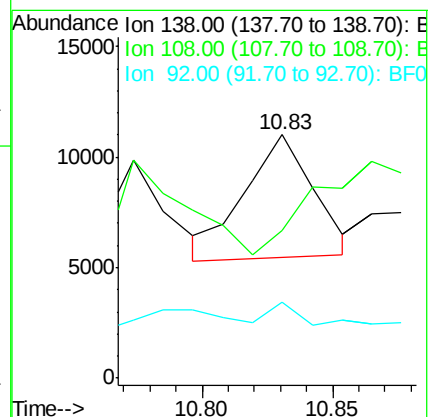
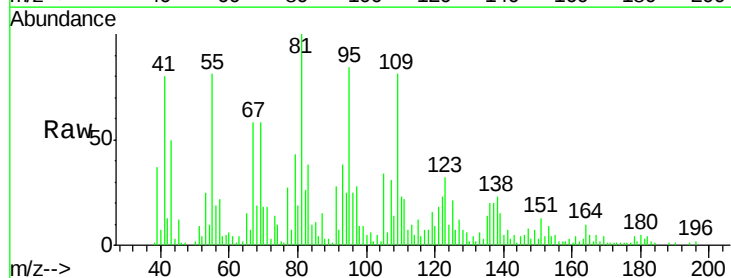
Tgt Ion:138 Resp: 10159

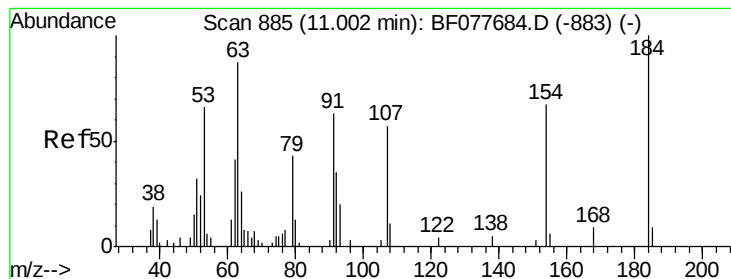
Ion Ratio Lower Upper

138 100

108 60.8 7.3 10.9#

92 31.4 76.6 114.8#





#53

2,4-Dinitrophenol

Concen: 10.97 ng

RT: 11.01 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

Instrument :

BNA_F

ClientSampled :

URS-3

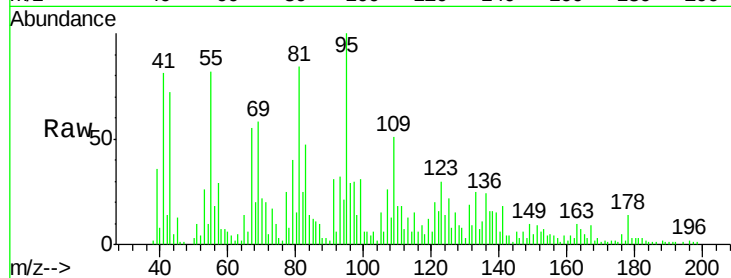
Tgt Ion:184 Resp: 1475

Ion Ratio Lower Upper

184 100

63 436.0 69.2 103.8#

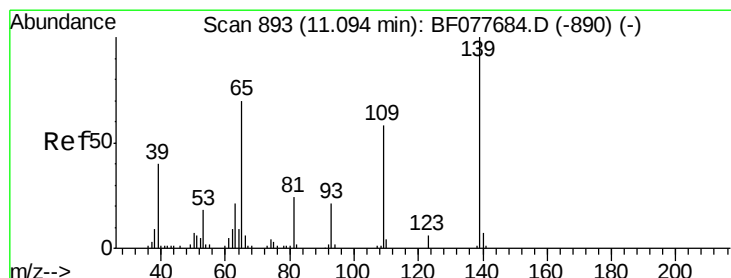
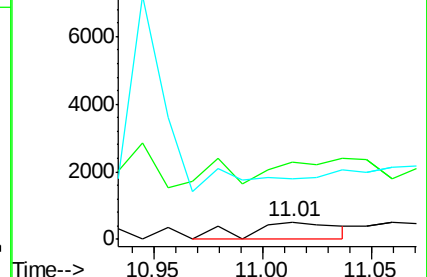
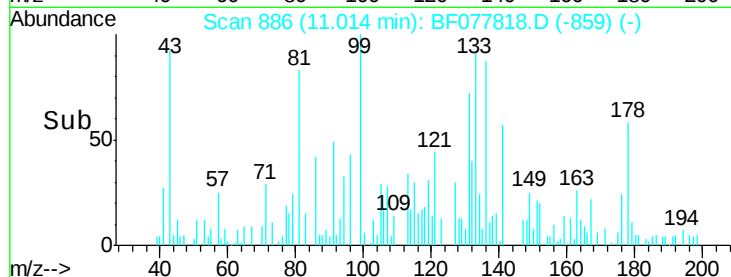
154 342.3 53.3 79.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#55

4-Nitrophenol

Concen: 6.73 ng

RT: 11.11 min Scan# 894

Delta R.T. 0.02 min

Lab File: BF077818.D

Acq: 19 Mar 2015 3:47

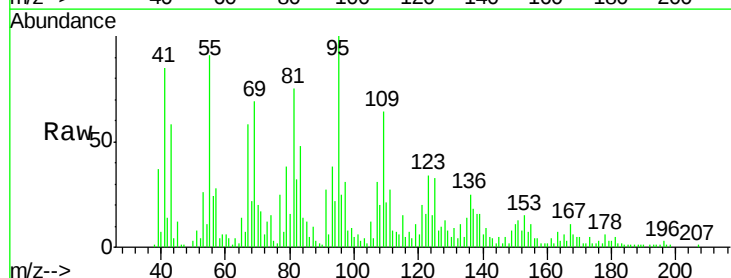
Tgt Ion:139 Resp: 7185

Ion Ratio Lower Upper

139 100

109 409.5 37.7 77.7#

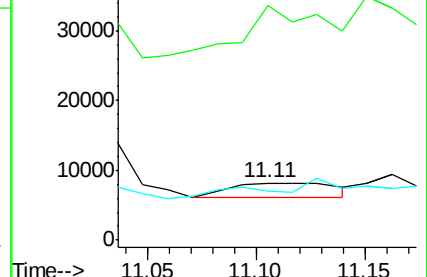
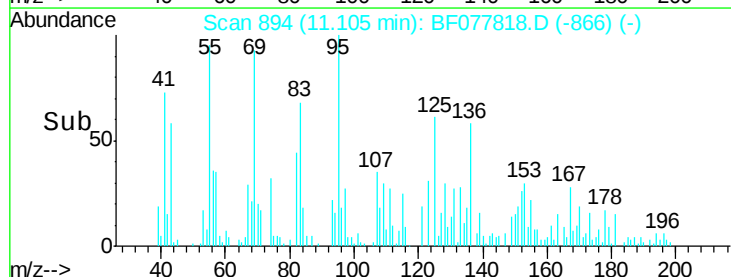
65 86.1 49.9 89.9

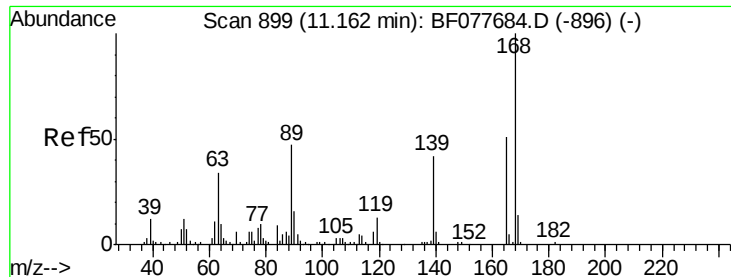


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

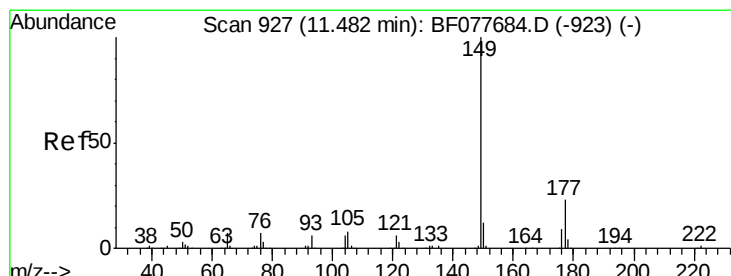
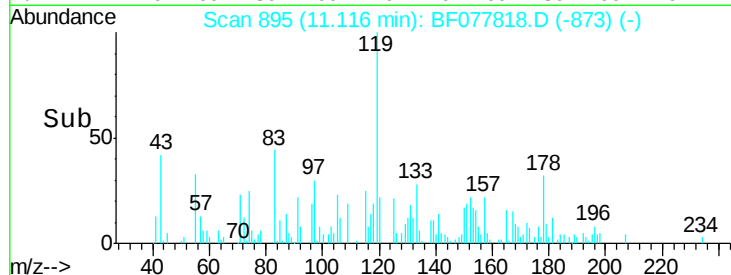
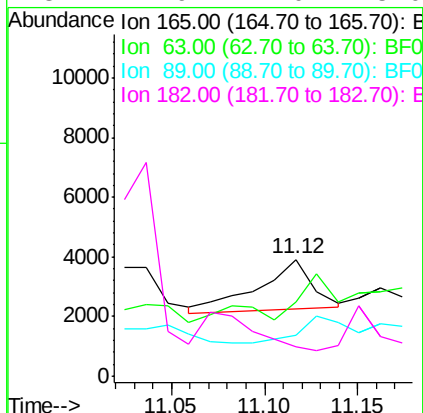
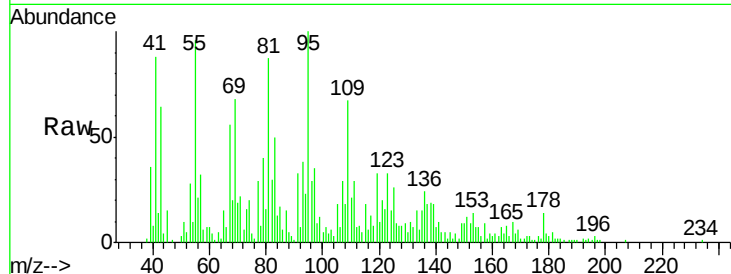




#56
2,4-Dinitrotoluene
Concen: 2.06 ng
RT: 11.12 min Scan# 895
Delta R.T. -0.05 min
Lab File: BF077818.D
Acq: 19 Mar 2015 3:47

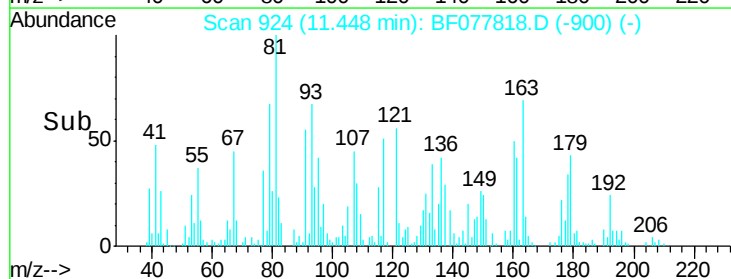
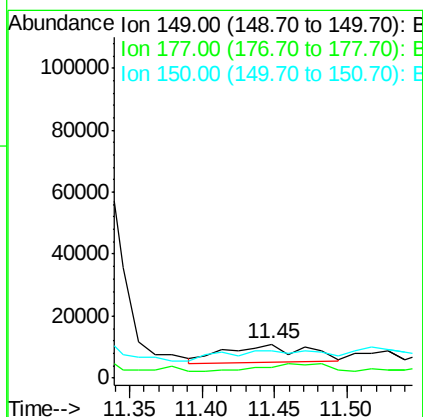
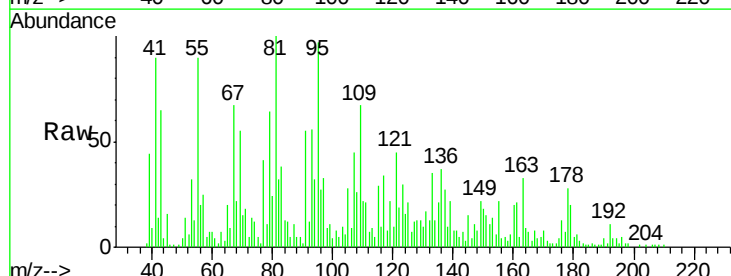
Instrument :
BNA_F
ClientSampleId :
URS-3

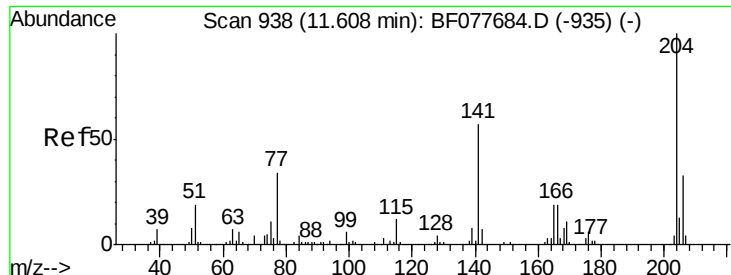
Tgt Ion:165 Resp: 3333
Ion Ratio Lower Upper
165 100
63 63.8 52.4 78.6
89 34.7 72.4 108.6#
182 24.9 2.0 3.0#



#59
Diethylphthalate
Concen: 3.84 ng
RT: 11.45 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF077818.D
Acq: 19 Mar 2015 3:47

Tgt Ion:149 Resp: 22379
Ion Ratio Lower Upper
149 100
177 29.7 18.3 27.5#
150 80.6 9.8 14.8#

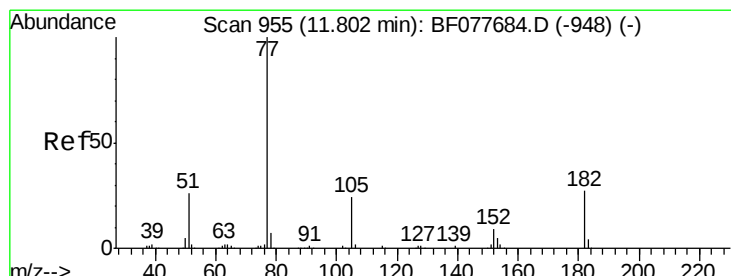
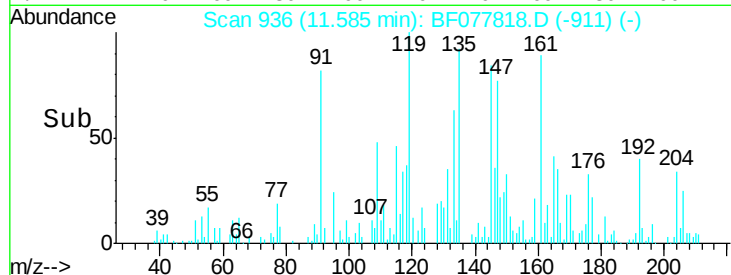
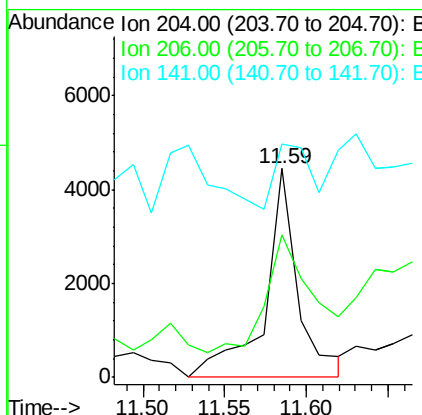
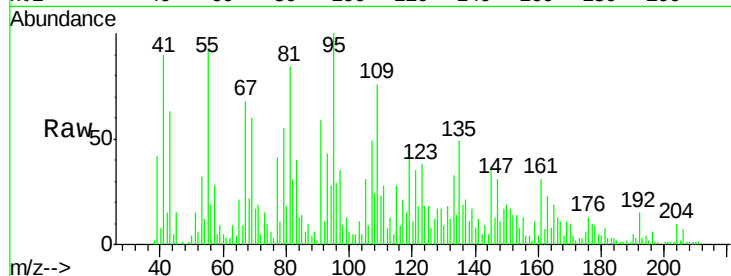




#60
 4-Chlorophenyl-phenylether
 Concen: 2.23 ng
 RT: 11.59 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF077818.D
 Acq: 19 Mar 2015 3:47

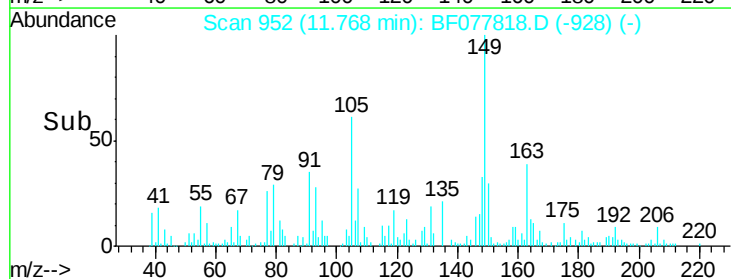
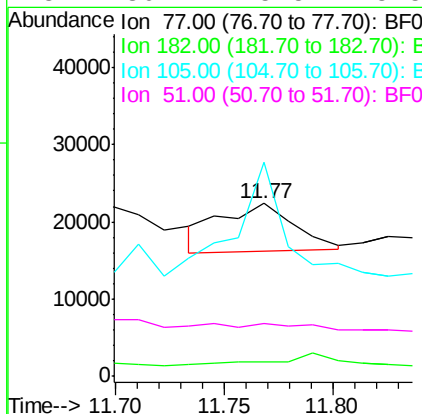
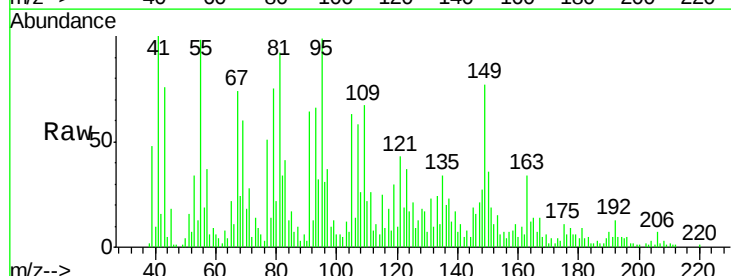
Instrument :
 BNA_F
 ClientSampled :
 URS-3

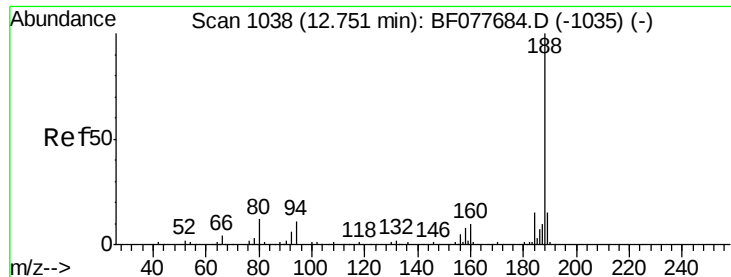
Tgt Ion: 204 Resp: 6270
 Ion Ratio Lower Upper
 204 100
 206 68.1 26.6 39.8#
 141 111.7 45.2 67.8#



#62
 Azobenzene
 Concen: 2.68 ng
 RT: 11.77 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF077818.D
 Acq: 19 Mar 2015 3:47

Tgt Ion: 77 Resp: 14917
 Ion Ratio Lower Upper
 77 100
 182 8.3 6.5 46.5
 105 123.7 3.8 43.8#
 51 30.7 5.5 45.5

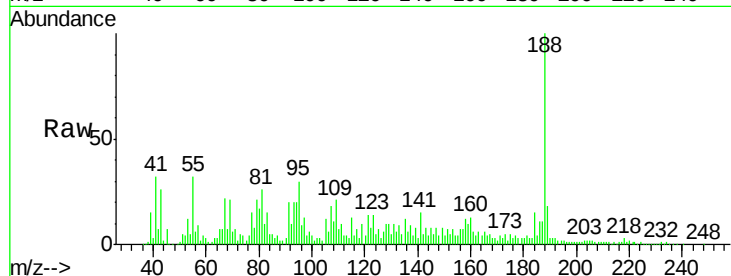




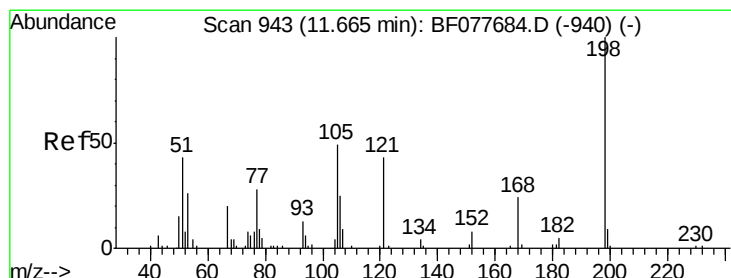
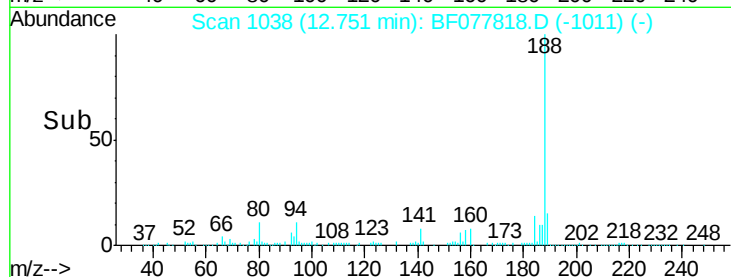
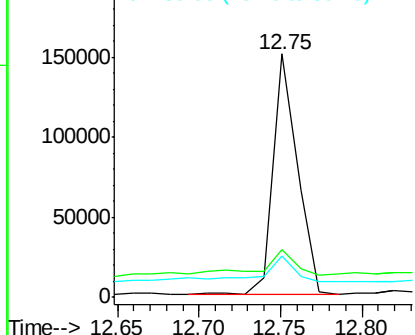
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF077818.D
Acq: 19 Mar 2015 3:47

Instrument :
BNA_F
ClientSampleId :
URS-3

Tgt Ion:188 Resp: 156616
Ion Ratio Lower Upper
188 100
94 19.8 8.7 13.1#
80 17.2 9.3 13.9#

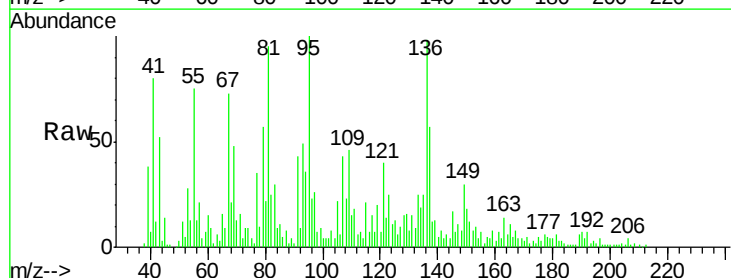


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

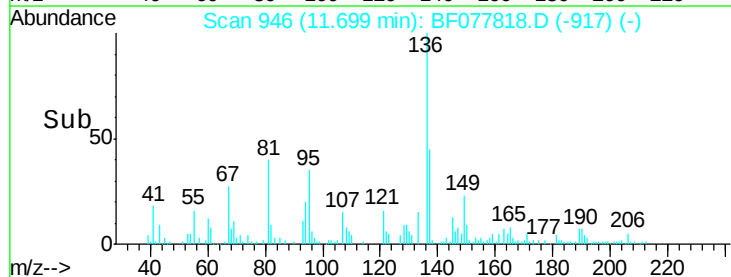
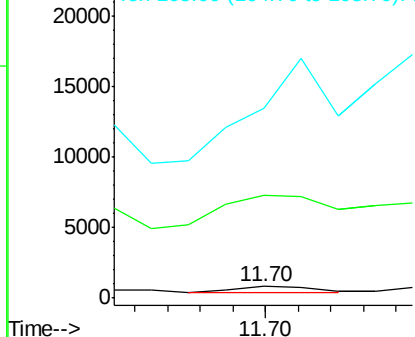


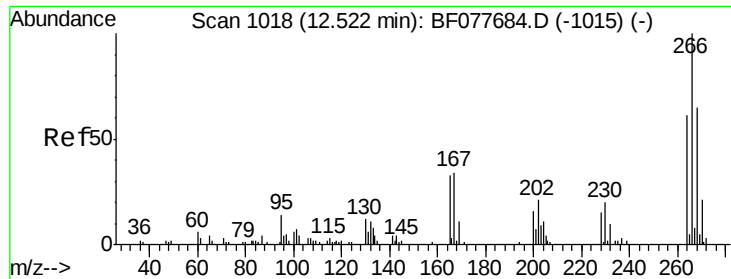
#64
4,6-Dinitro-2-methylphenol
Concen: 4.98 ng
RT: 11.70 min Scan# 946
Delta R.T. 0.03 min
Lab File: BF077818.D
Acq: 19 Mar 2015 3:47

Tgt Ion:198 Resp: 556
Ion Ratio Lower Upper
198 100
51 903.5 28.8 68.8#
105 1660.7 30.5 70.5#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

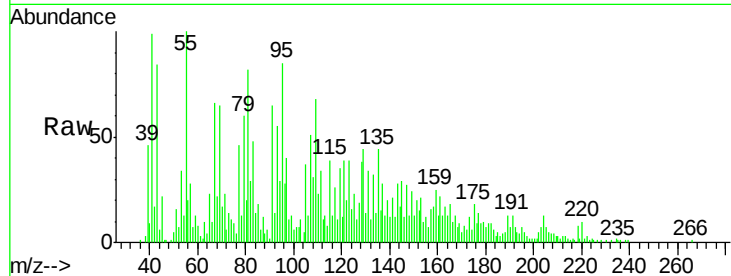




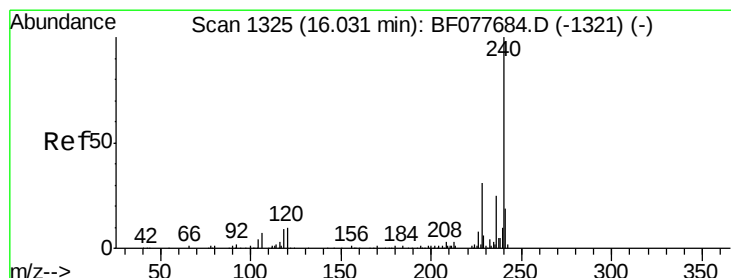
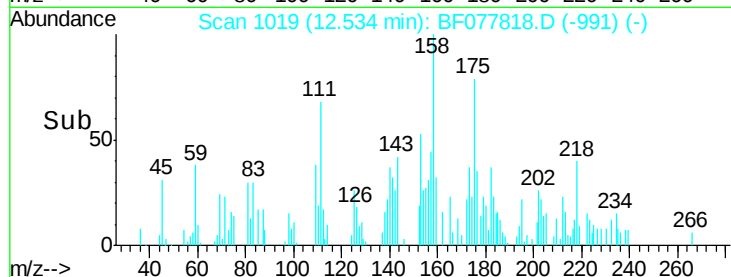
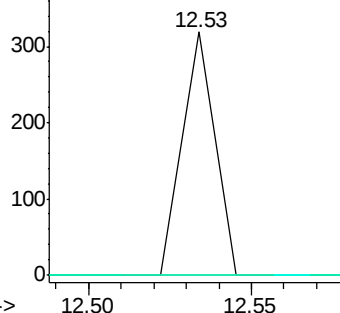
#69
 Pentachlorophenol
 Concen: 3.30 ng
 RT: 12.53 min Scan# 1019
 Delta R.T. 0.02 min
 Lab File: BF077818.D
 Acq: 19 Mar 2015 3:47

Instrument :
 BNA_F
 ClientSampleId :
 URS-3

Tgt Ion: 266 Resp: 219
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.0 78.0#
 264 0.0 49.0 73.4#

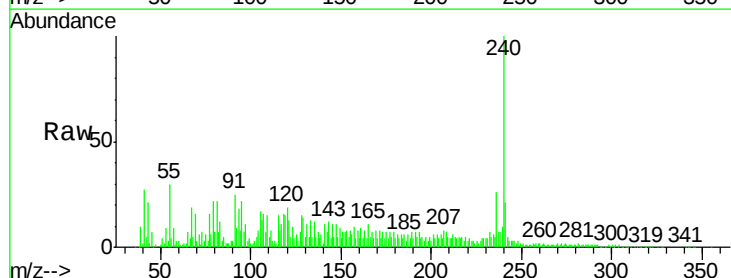


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

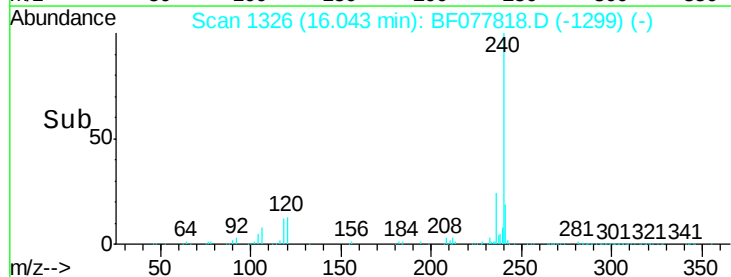
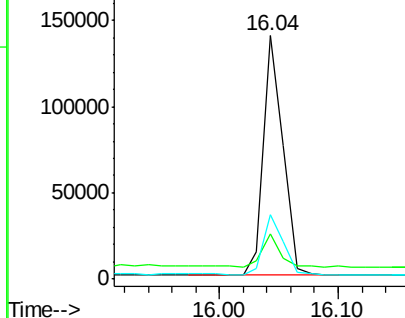


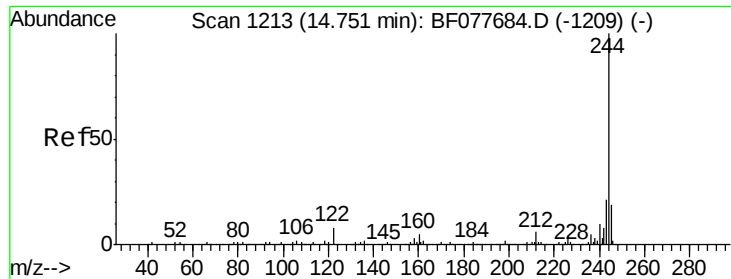
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.04 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF077818.D
 Acq: 19 Mar 2015 3:47

Tgt Ion: 240 Resp: 160392
 Ion Ratio Lower Upper
 240 100
 120 18.6 8.2 12.2#
 236 26.2 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

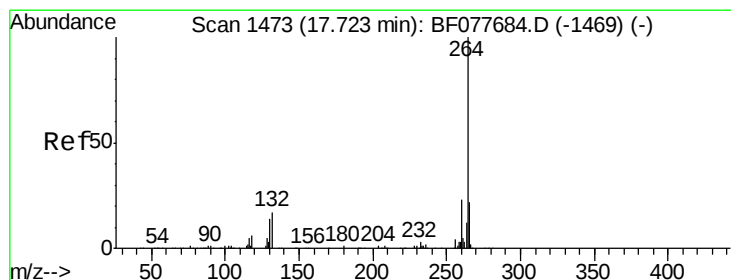
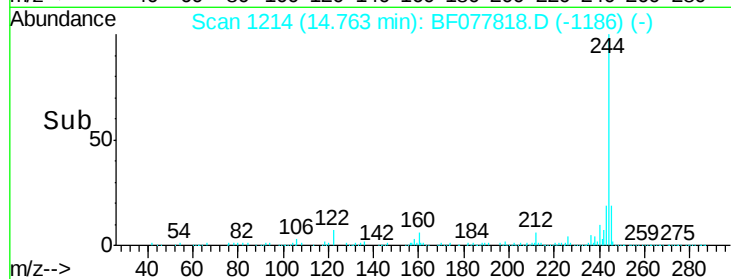
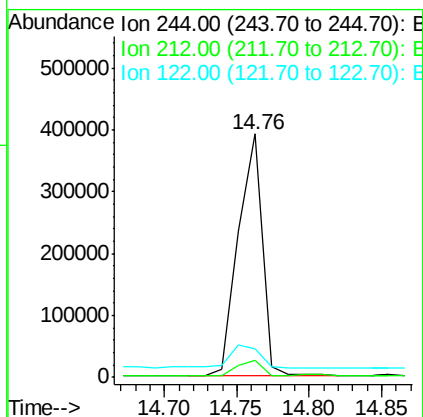
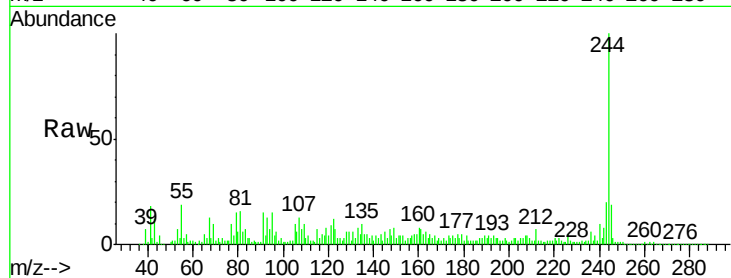




#78
 Terphenyl-d14
 Concen: 68.18 ng
 RT: 14.76 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF077818.D
 Acq: 19 Mar 2015 3:47

Instrument :
 BNA_F
 ClientSampleId :
 URS-3

Tgt Ion:244 Resp: 447713
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.9 7.3
 122 11.8 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BF077818.D
 Acq: 19 Mar 2015 3:47

Tgt Ion:264 Resp: 171283
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 22.2 17.3 25.9

