

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077910.D
 Acq On : 24 Mar 2015 13:16
 Operator : TP/IZ
 Sample : G1622-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615

Quant Time: Mar 25 00:05:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 00:51:55 2015
 Response via : Initial Calibration

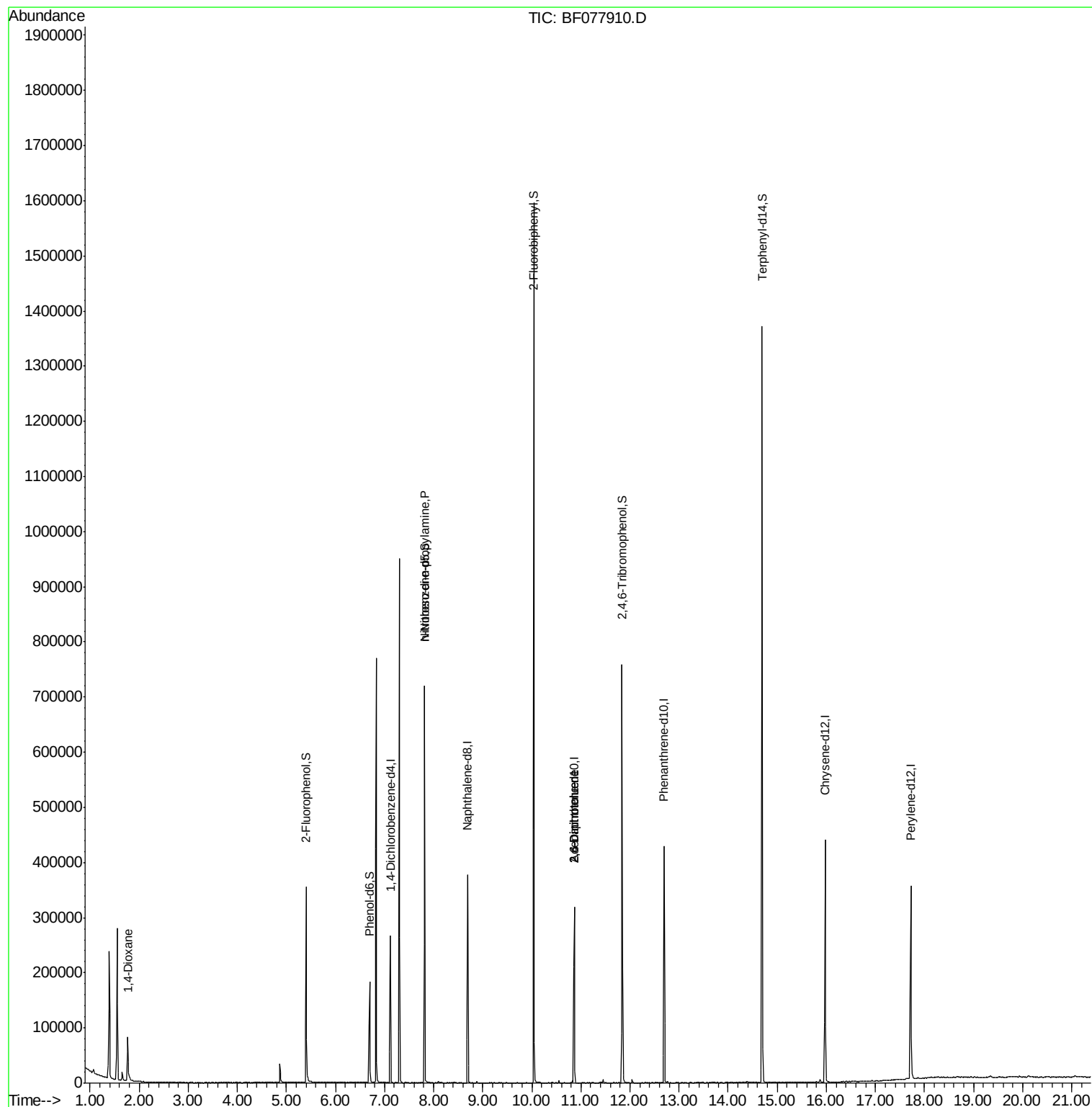
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	42657	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	177044	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	84057	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	170870	20.00	ng	0.00
75) Chrysene-d12	15.97	240	180653	20.00	ng	0.00
86) Perylene-d12	17.72	264	174508	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	120819	49.44	ng	0.00
7) Phenol-d6	6.69	99	87266	28.90	ng	0.00
23) Nitrobenzene-d5	7.81	82	244201	90.42	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	88444	109.97	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	527792	92.28	ng	0.00
78) Terphenyl-d14	14.69	244	564522	76.33	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	3477	3.13	ng	# 100
19) n-Nitroso-di-n-propylamine	7.81	70	30732	14.71	ng	# 76
50) 2,6-Dinitrotoluene	10.87	165	11151	8.63	ng	# 24
56) 2,4-Dinitrotoluene	10.87	165	11148	6.62	ng	# 11

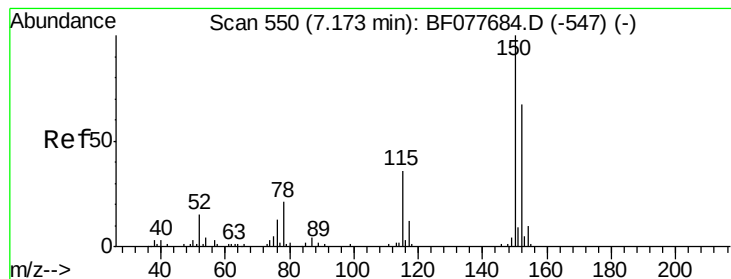
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 25 00:51:55 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF077910.D

Acq: 24 Mar 2015 13:16

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097A-31615

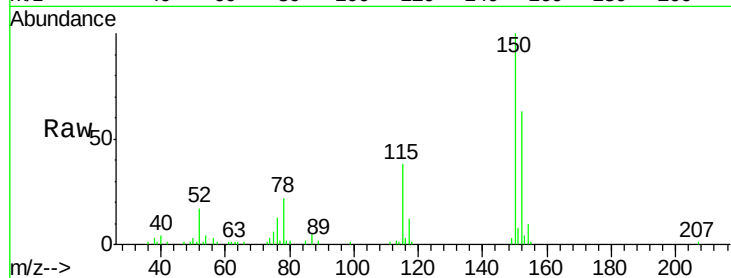
Tgt Ion:152 Resp: 42657

Ion Ratio Lower Upper

152 100

150 158.7 119.5 179.3

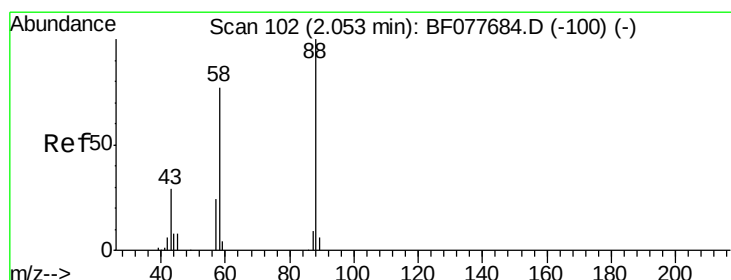
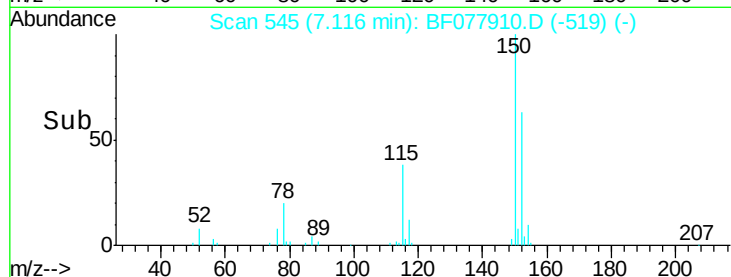
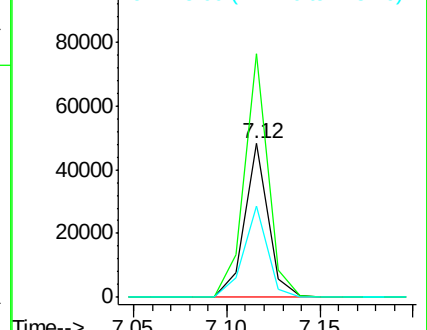
115 59.5 43.0 64.4



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



#2

1,4-Dioxane

Concen: 3.13 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.22 min

Lab File: BF077910.D

Acq: 24 Mar 2015 13:16

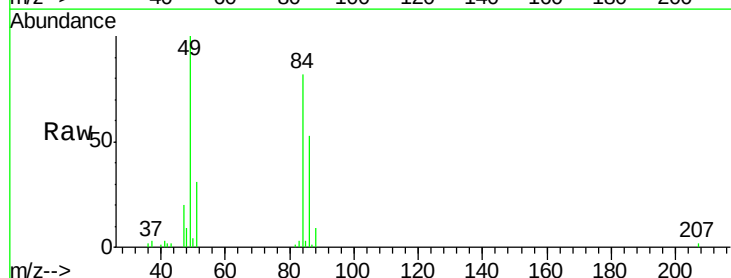
Tgt Ion: 88 Resp: 3477

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

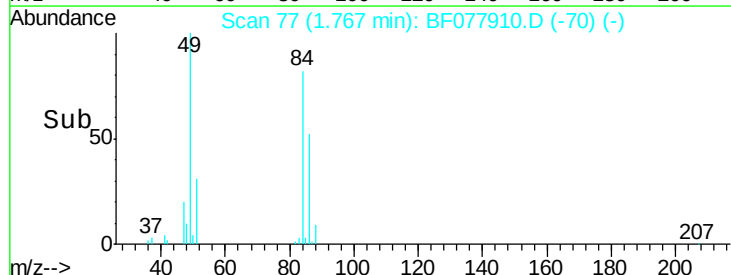
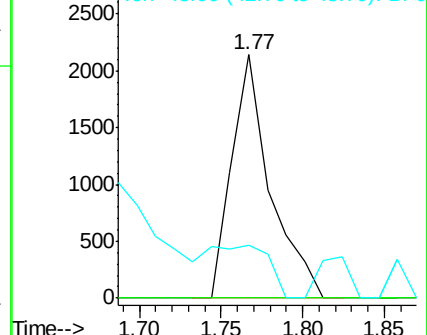
43 34.4 0.0 0.0#

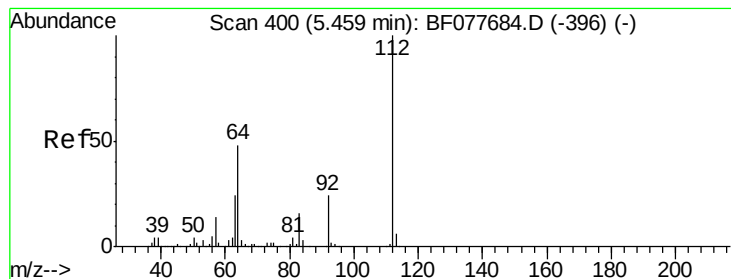


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 49.44 ng

RT: 5.40 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF077910.D

Acq: 24 Mar 2015 13:16

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097A-31615

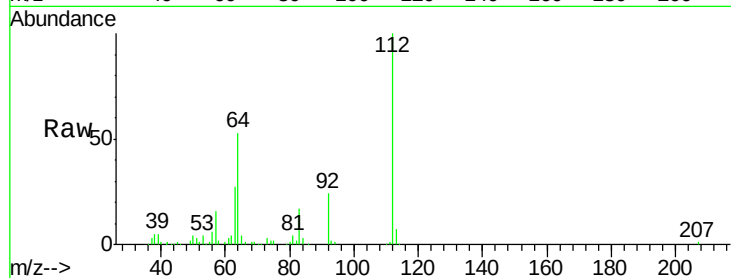
Tgt Ion: 112 Resp: 120819

Ion Ratio Lower Upper

112 100

64 53.1 38.6 57.8

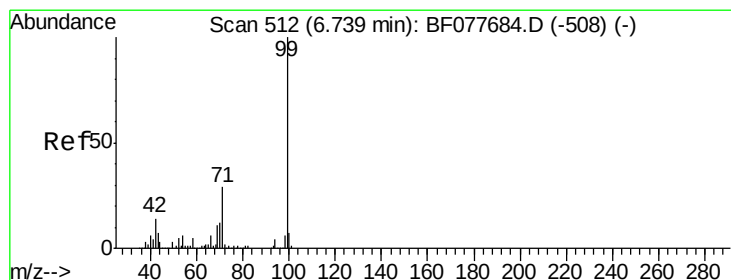
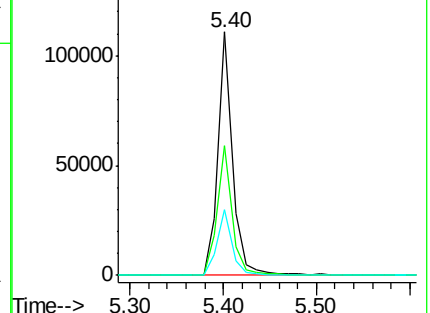
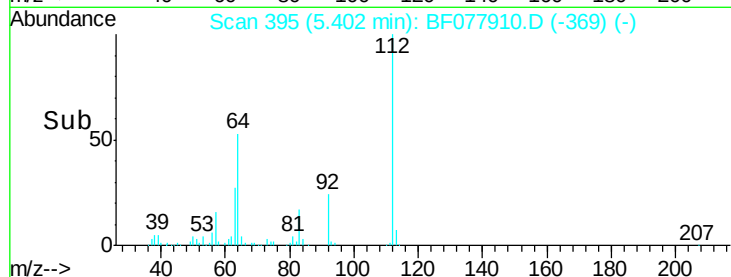
63 27.0 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 28.90 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077910.D

Acq: 24 Mar 2015 13:16

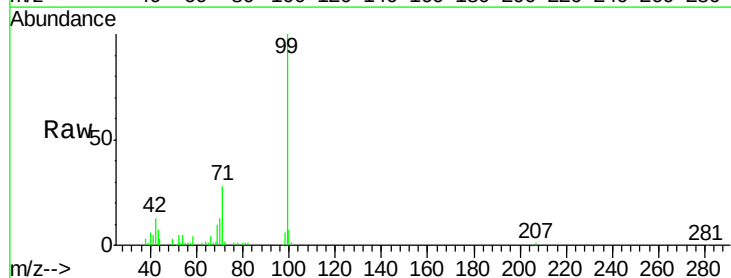
Tgt Ion: 99 Resp: 87266

Ion Ratio Lower Upper

99 100

42 13.1 11.0 16.4

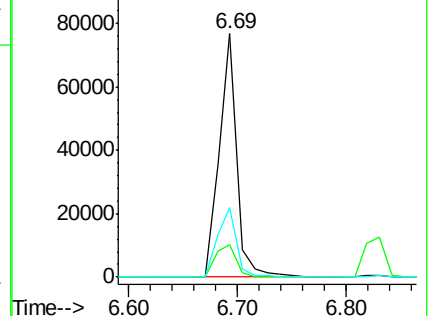
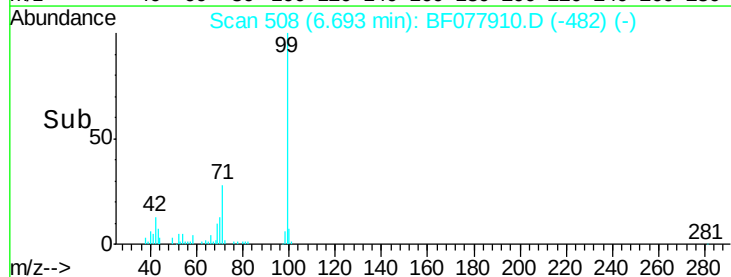
71 28.4 23.4 35.2

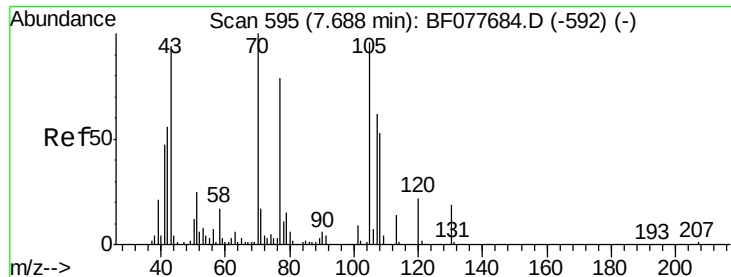


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

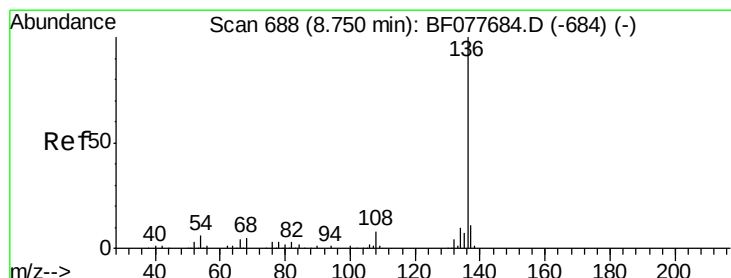
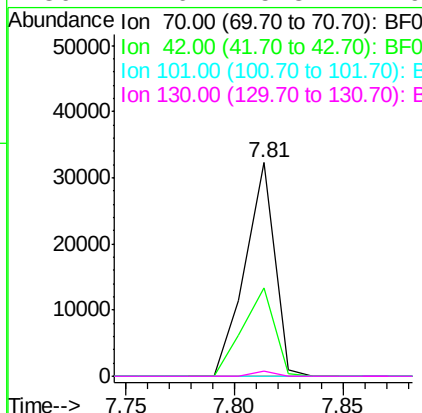
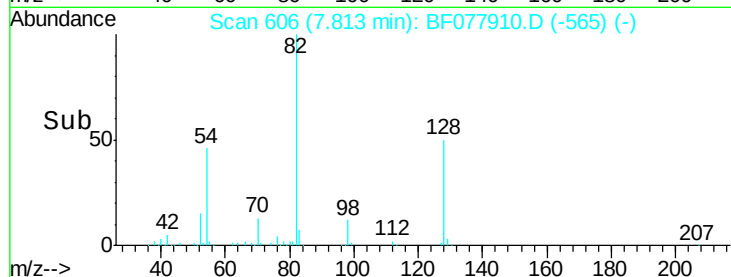
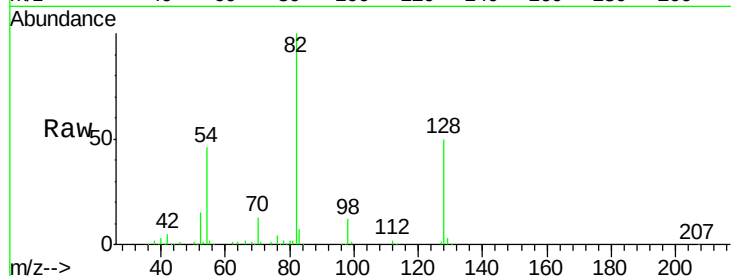




#19
n-Nitroso-di-n-propylamine
Concen: 14.71 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.17 min
Lab File: BF077910.D
Acq: 24 Mar 2015 13:16

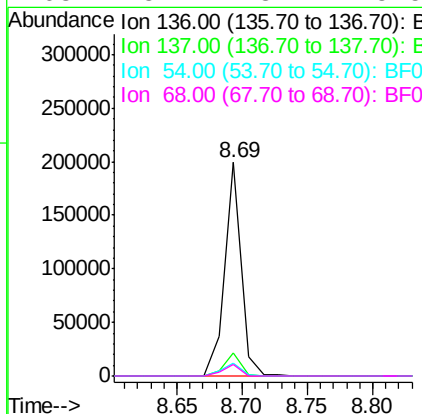
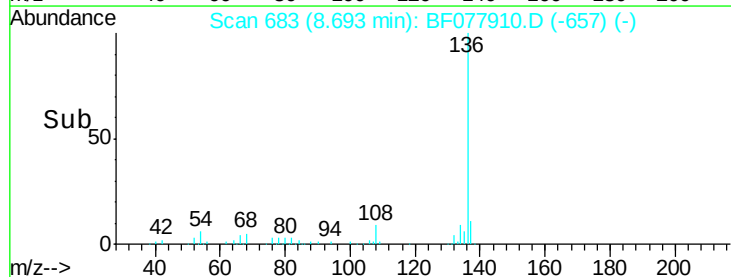
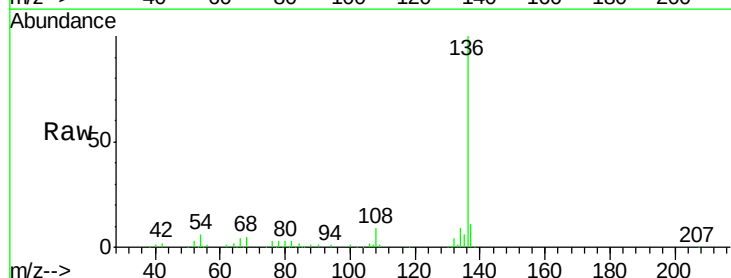
Instrument :
BNA_F
ClientSampleId :
DCW-WW-097A-31615

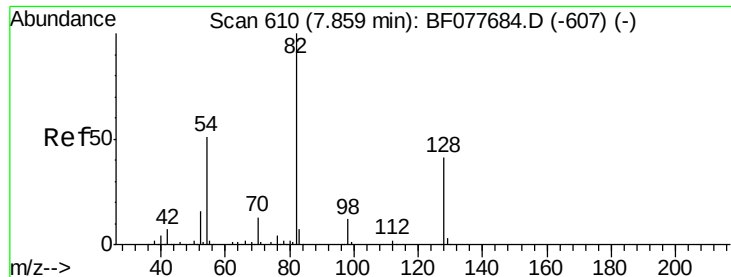
Tgt Ion: 70 Resp: 30732
Ion Ratio Lower Upper
70 100
42 41.1 44.5 66.7#
101 0.0 7.4 11.2#
130 2.6 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077910.D
Acq: 24 Mar 2015 13:16

Tgt Ion: 136 Resp: 177044
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.0 4.6 6.8
68 5.4 3.7 5.5

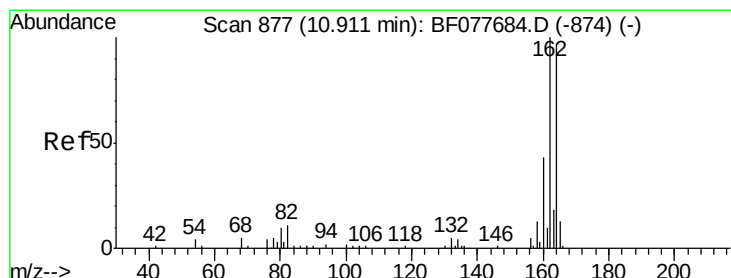
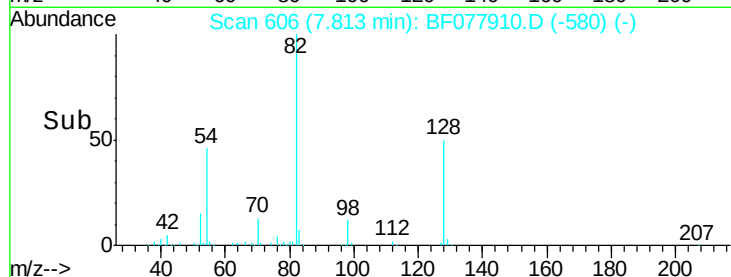
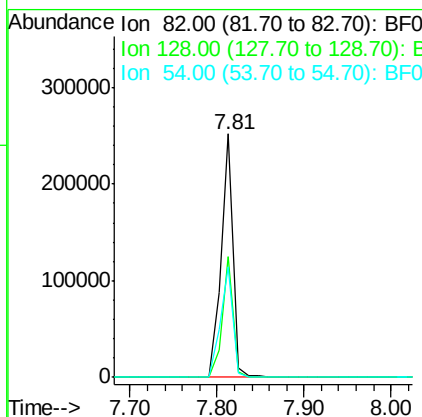
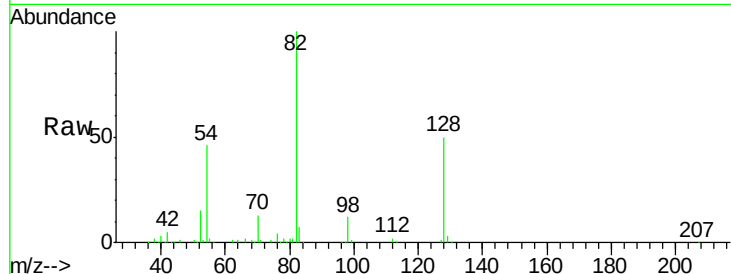




#23
 Nitrobenzene-d5
 Concen: 90.42 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077910.D
 Acq: 24 Mar 2015 13:16

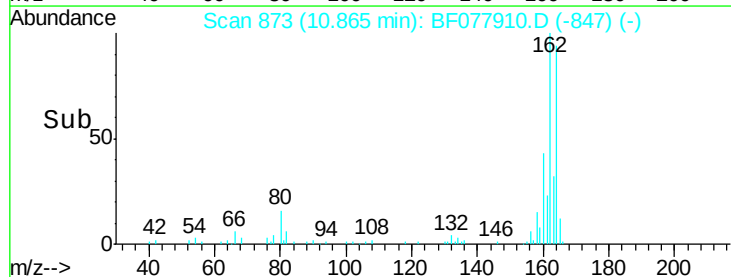
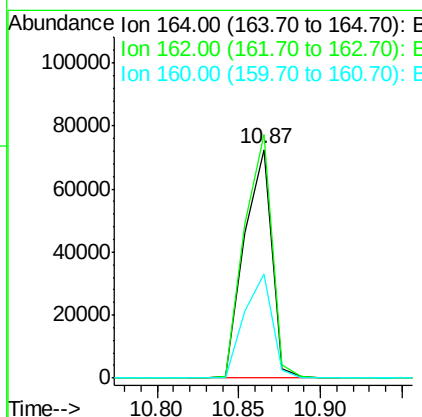
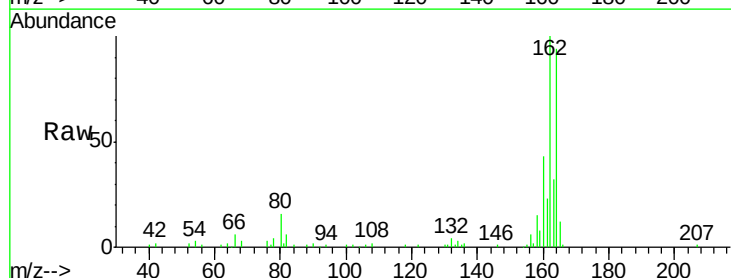
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615

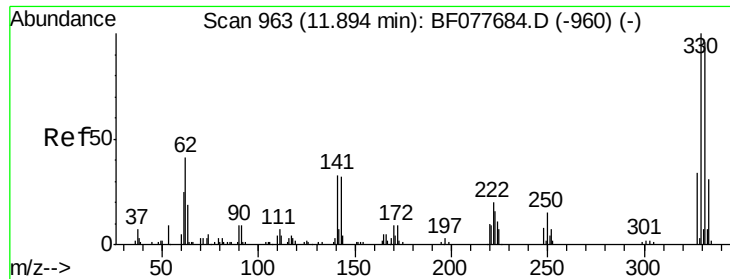
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.8	32.8	49.2#
54	45.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF077910.D
 Acq: 24 Mar 2015 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.4	123.6
160	45.8	35.8	53.6

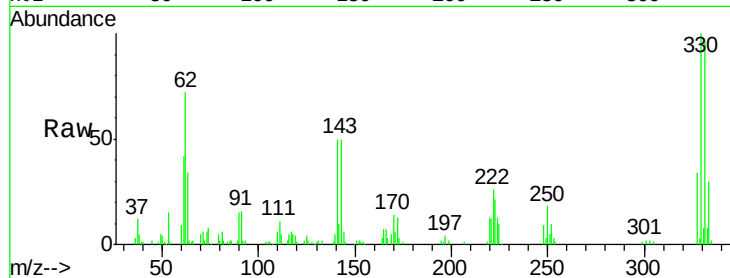




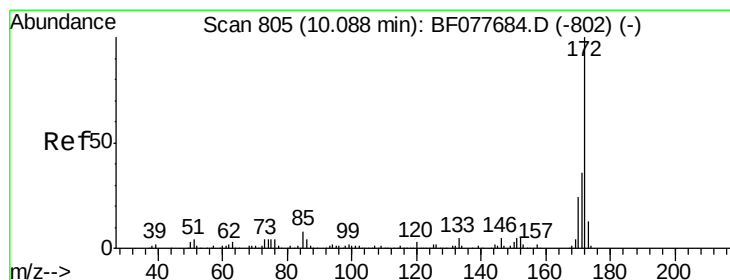
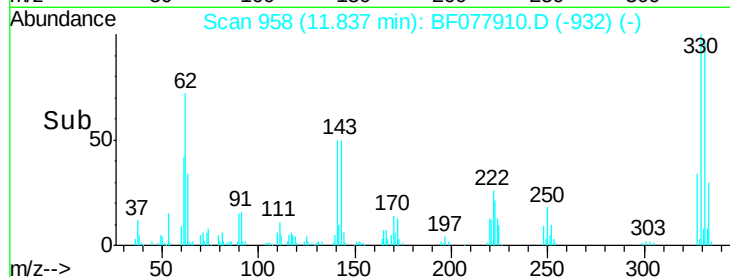
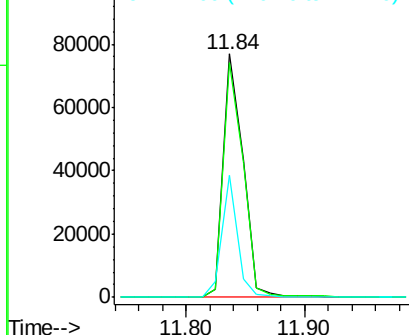
#41
 2,4,6-Tribromophenol
 Concen: 109.97 ng
 RT: 11.84 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF077910.D
 Acq: 24 Mar 2015 13:16

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615

Tgt Ion:330 Resp: 88444
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 39.7 0.0 0.0#

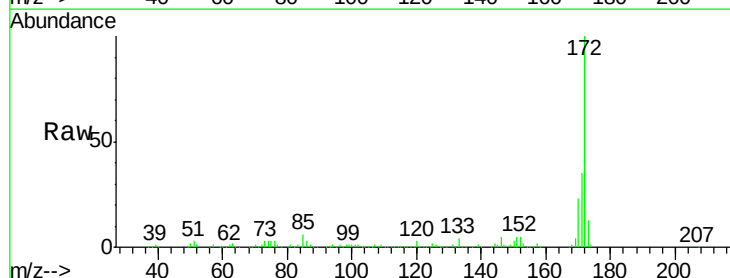


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

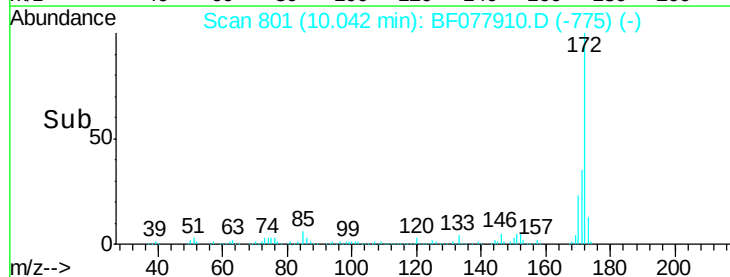
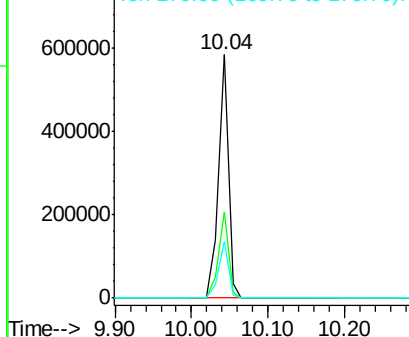


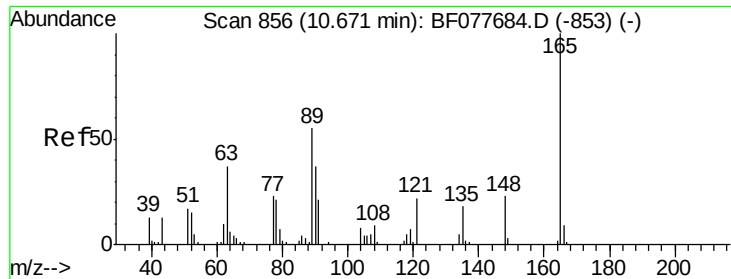
#44
 2-Fluorobiphenyl
 Concen: 92.28 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077910.D
 Acq: 24 Mar 2015 13:16

Tgt Ion:172 Resp: 527792
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.3 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

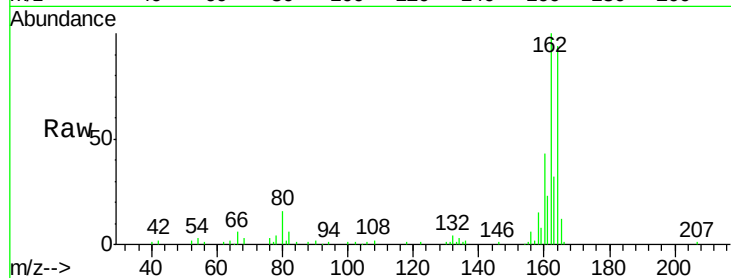




#50
 2,6-Dinitrotoluene
 Concen: 8.63 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.24 min
 Lab File: BF077910.D
 Acq: 24 Mar 2015 13:16

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615

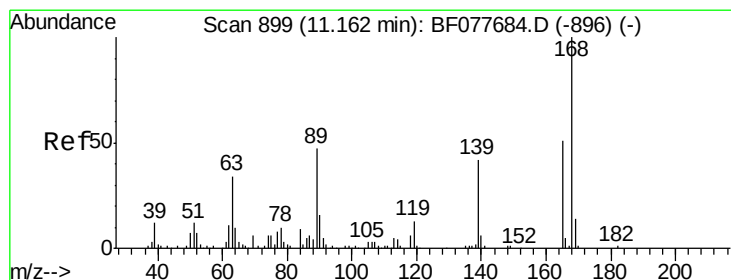
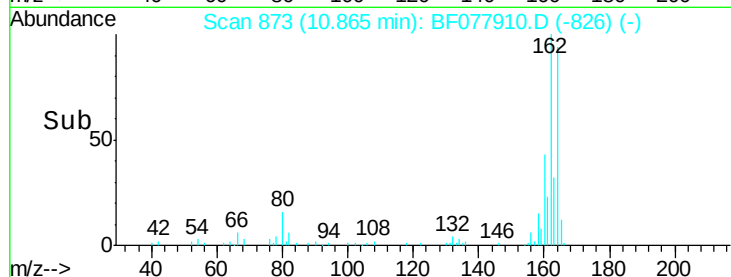
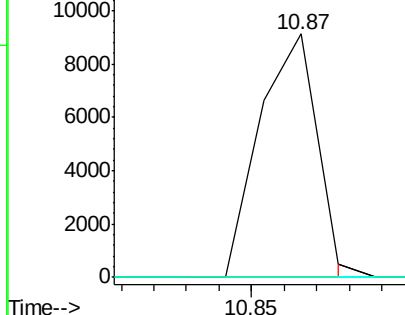
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.62 ng
 RT: 10.87 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077910.D
 Acq: 24 Mar 2015 13:16

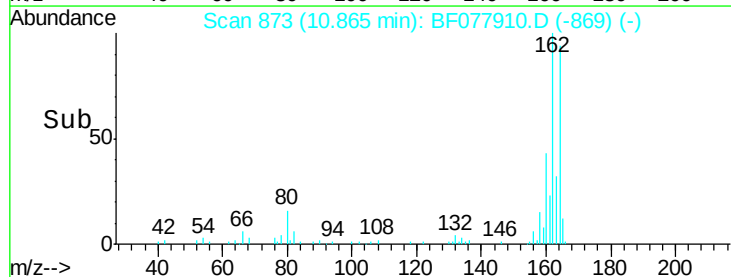
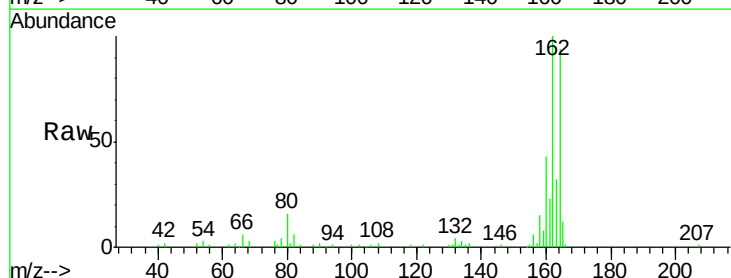
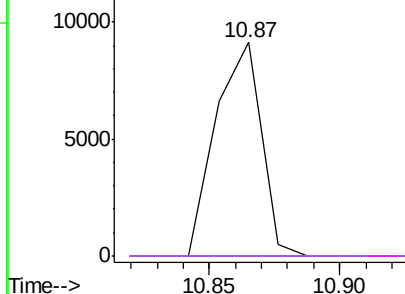
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

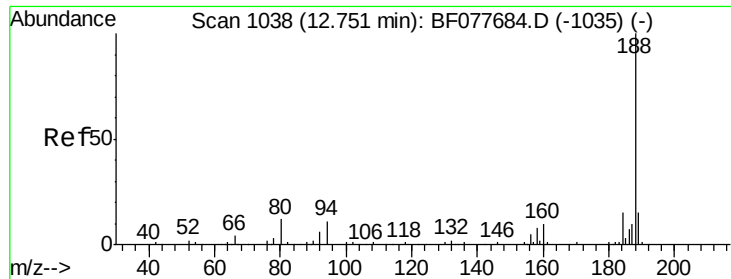
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

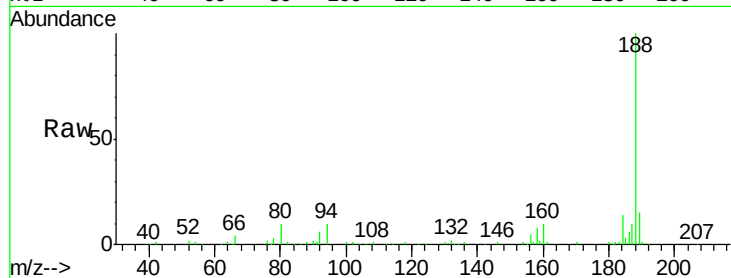




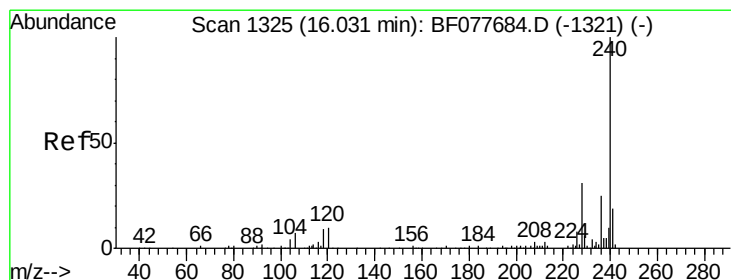
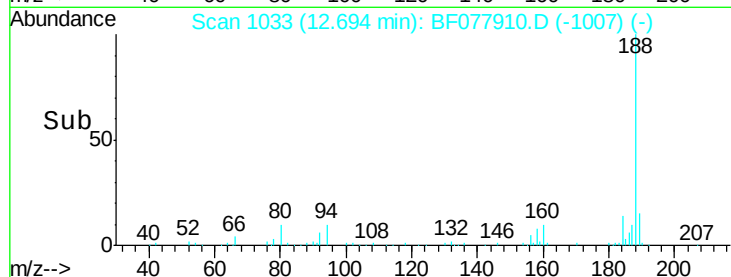
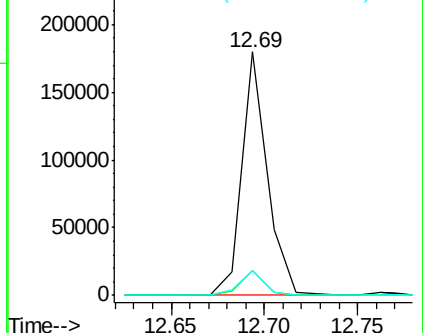
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF077910.D
Acq: 24 Mar 2015 13:16

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097A-31615

Tgt Ion:188 Resp: 170870
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 10.1 9.3 13.9

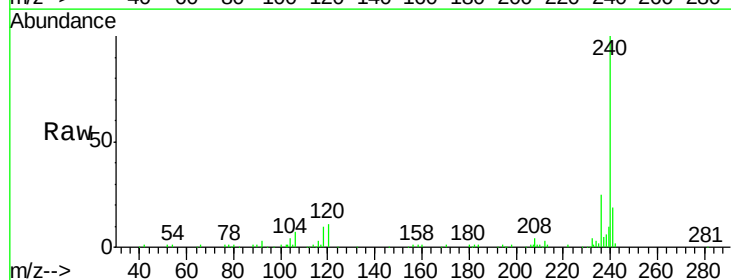


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

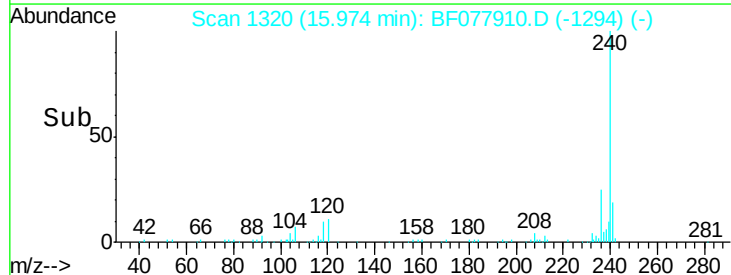
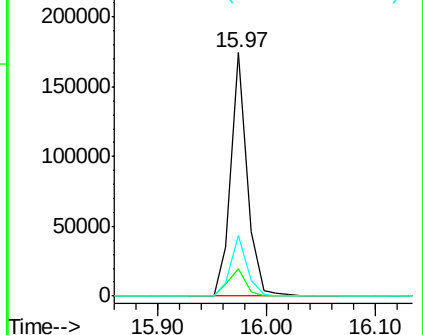


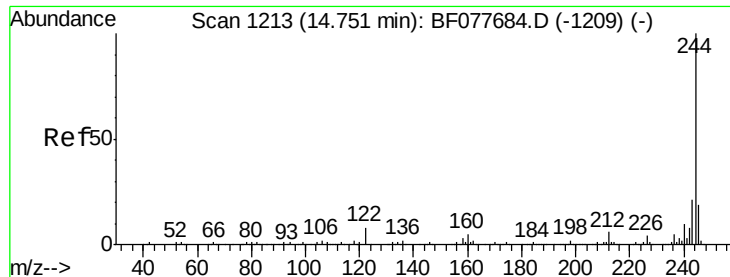
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077910.D
Acq: 24 Mar 2015 13:16

Tgt Ion:240 Resp: 180653
Ion Ratio Lower Upper
240 100
120 11.1 8.2 12.2
236 25.1 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

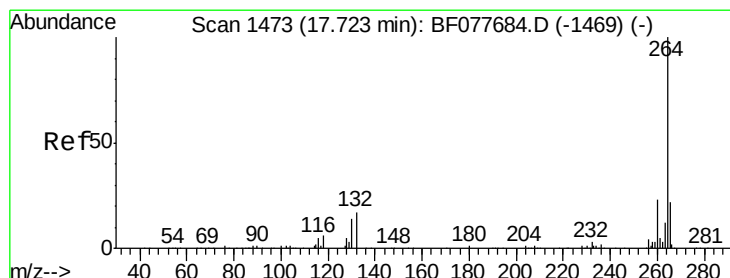
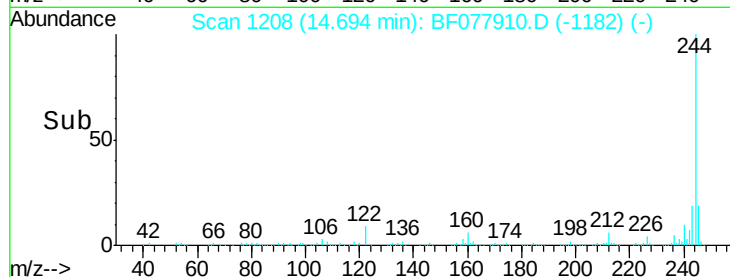
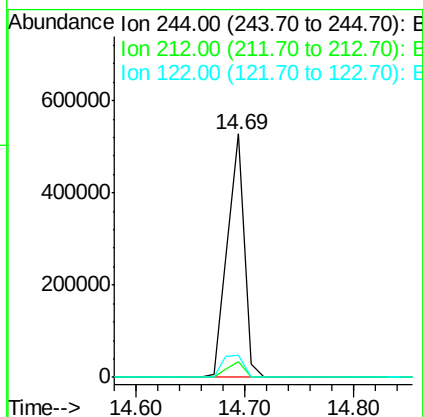
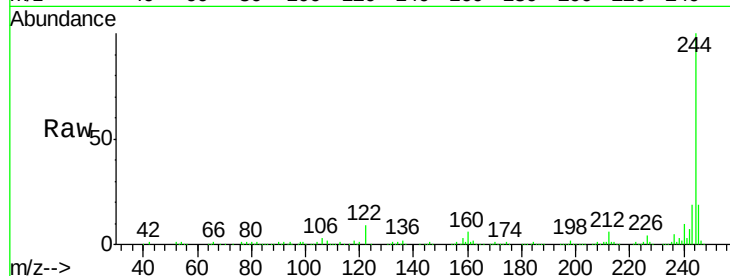




#78
 Terphenyl-d14
 Concen: 76.33 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077910.D
 Acq: 24 Mar 2015 13:16

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615

Tgt Ion: 244 Resp: 564522
 Ion Ratio Lower Upper
 244 100
 212 6.4 4.9 7.3
 122 9.0 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.72 min Scan# 1473
 Delta R.T. 0.02 min
 Lab File: BF077910.D
 Acq: 24 Mar 2015 13:16

Tgt Ion: 264 Resp: 174508
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.5 17.3 25.9

