

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
 Data File : BF077903.D
 Acq On : 23 Mar 2015 19:23
 Operator : TP/IZ
 Sample : G1613-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-2

Quant Time: Mar 24 01:41:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 24 02:23:28 2015
 Response via : Initial Calibration

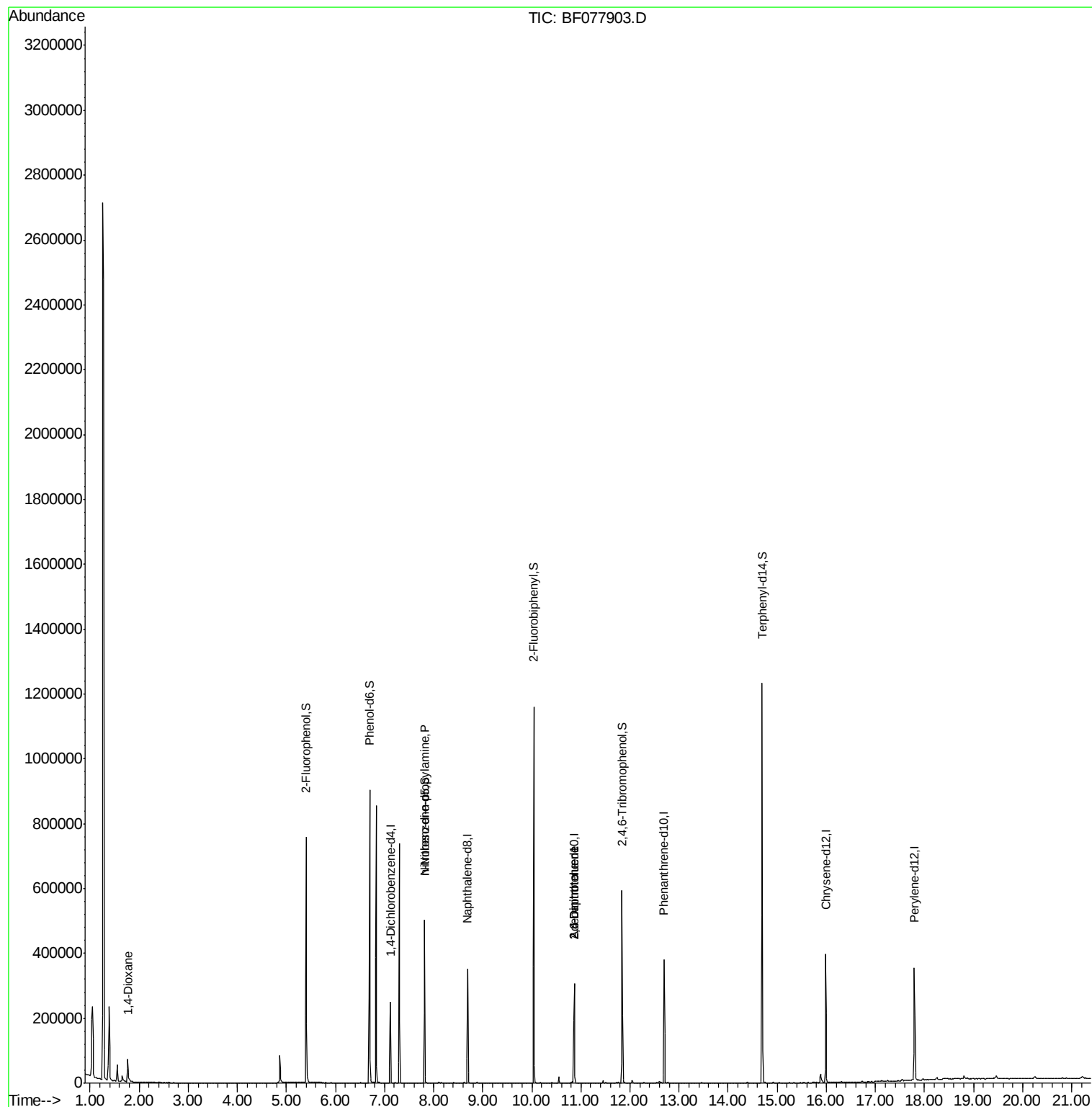
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	40532	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	164698	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	78396	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	161429	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	180003	20.00	ng	-0.02
86) Perylene-d12	17.79	264	177825	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	247798	106.71	ng	0.00
7) Phenol-d6	6.69	99	328584	114.53	ng	0.00
23) Nitrobenzene-d5	7.81	82	179634	71.50	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	72719	96.95	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	390501	73.20	ng	0.00
78) Terphenyl-d14	14.69	244	458811	62.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	2918	2.77	ng	# 100
19) n-Nitroso-di-n-propylamine	7.81	70	22691	11.43	ng	# 77
50) 2,6-Dinitrotoluene	10.87	165	9922	8.23	ng	# 24
56) 2,4-Dinitrotoluene	10.87	165	9923	6.31	ng	# 11
76) Benzidine	14.40	184	1929	Below Cal		# 68

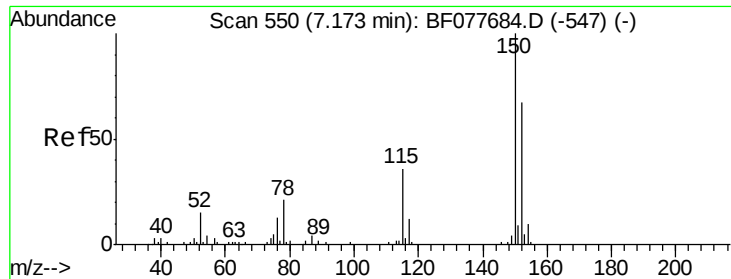
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
Data File : BF077903.D
Acq On : 23 Mar 2015 19:23
Operator : TP/IZ
Sample : G1613-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-2

Quant Time: Mar 24 01:41:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 24 02:23:28 2015
Response via : Initial Calibration



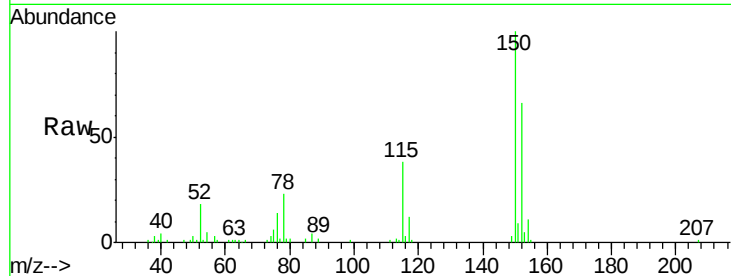


#1

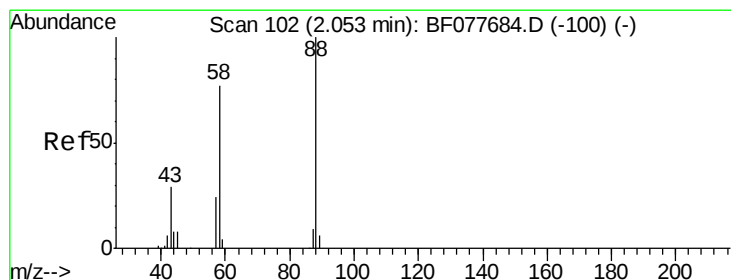
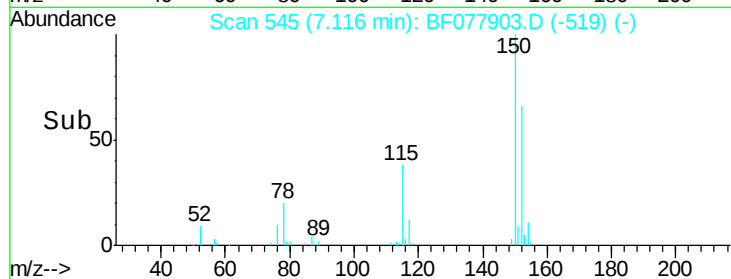
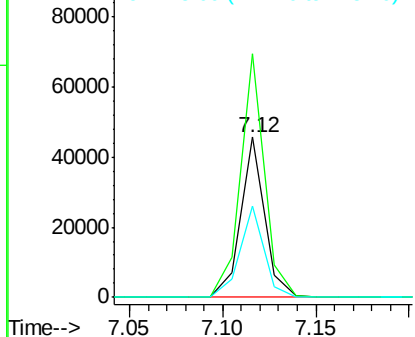
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077903.D
Acq: 23 Mar 2015 19:23

Instrument :
BNA_F
ClientSampleId :
SB-6-2

Tgt Ion:152 Resp: 40532
Ion Ratio Lower Upper
152 100
150 152.1 119.5 179.3
115 57.4 43.0 64.4



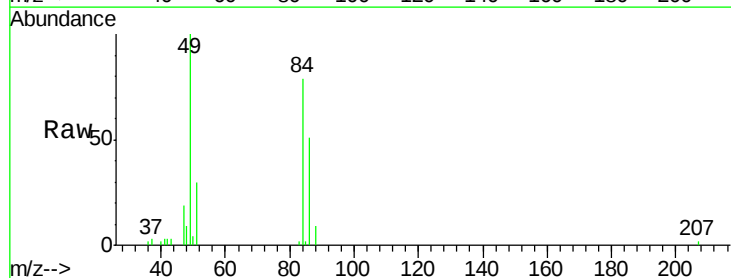
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



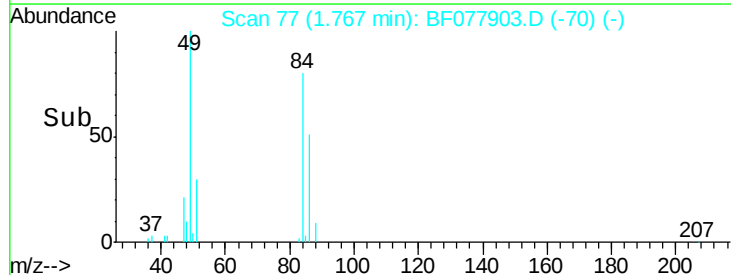
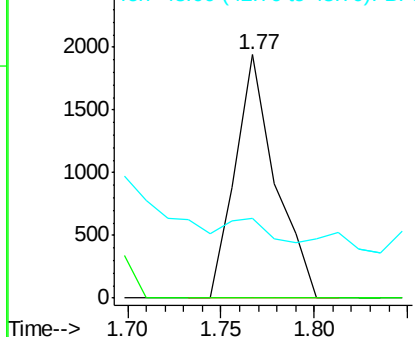
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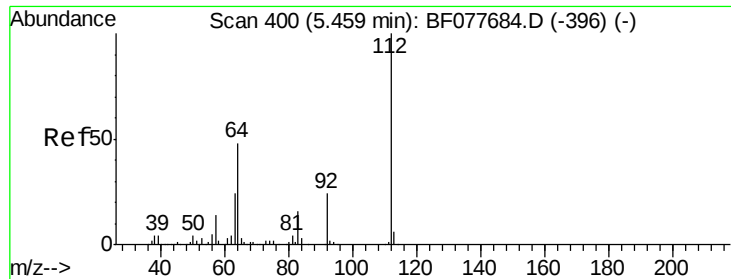
1,4-Dioxane
Concen: 2.77 ng
RT: 1.77 min Scan# 77
Delta R.T. -0.22 min
Lab File: BF077903.D
Acq: 23 Mar 2015 19:23

Tgt Ion: 88 Resp: 2918
Ion Ratio Lower Upper
88 100
58 0.0 0.0 0.0
43 0.0 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: 106.71 ng

RT: 5.40 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF077903.D

Acq: 23 Mar 2015 19:23

Instrument :

BNA_F

ClientSampleId :

SB-6-2

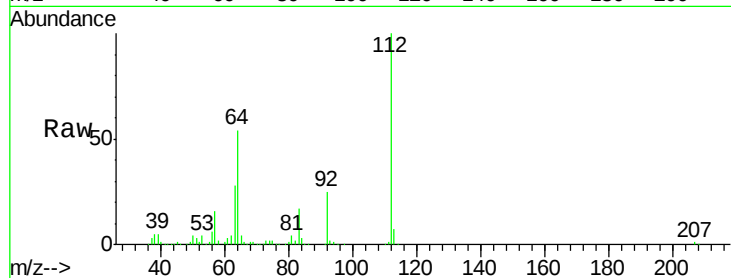
Tgt Ion: 112 Resp: 247798

Ion Ratio Lower Upper

112 100

64 54.4 38.6 57.8

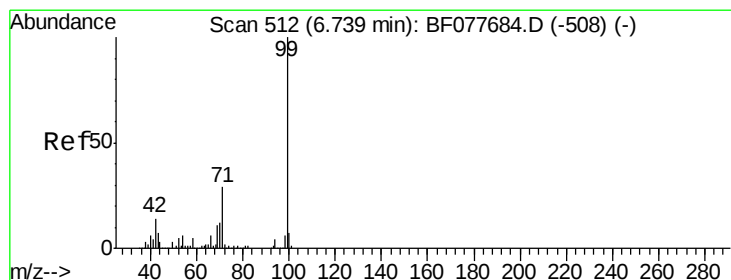
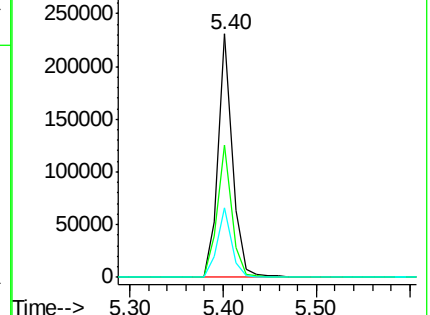
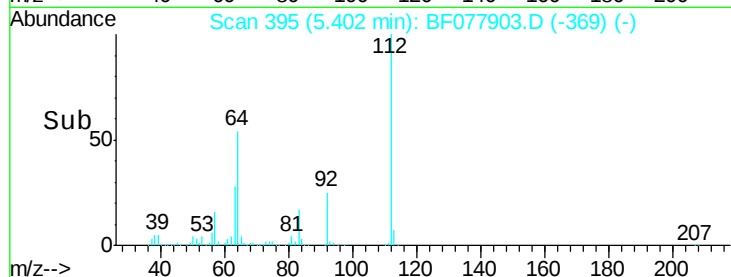
63 28.4 19.3 28.9



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: 114.53 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077903.D

Acq: 23 Mar 2015 19:23

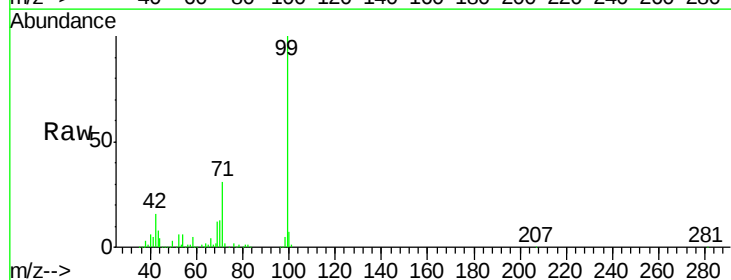
Tgt Ion: 99 Resp: 328584

Ion Ratio Lower Upper

99 100

42 15.8 11.0 16.4

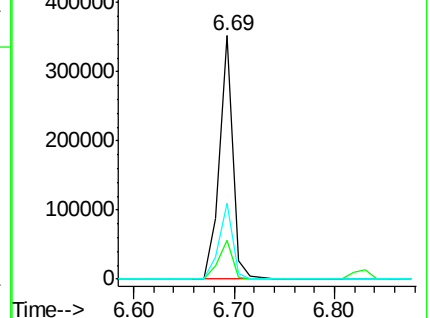
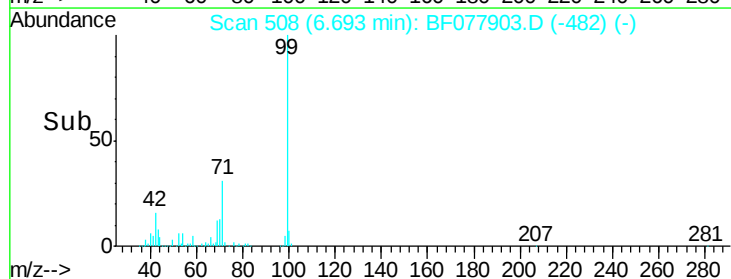
71 31.0 23.4 35.2

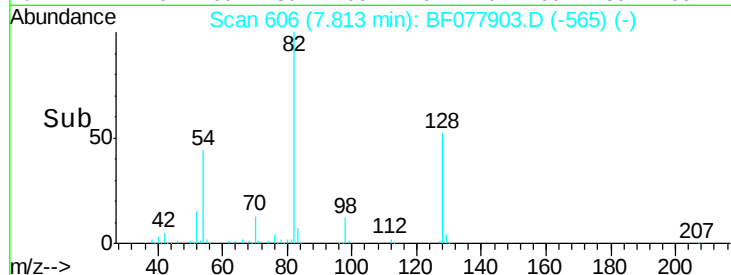
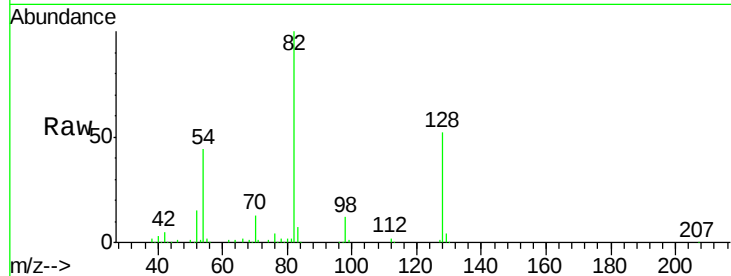
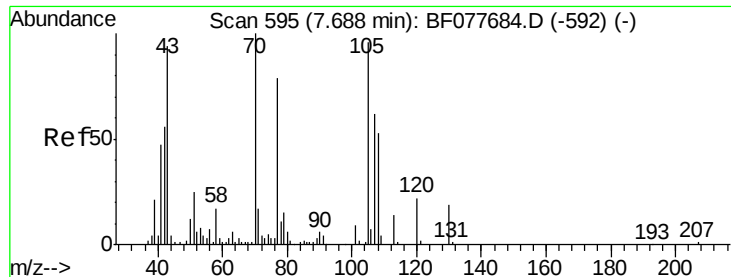


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

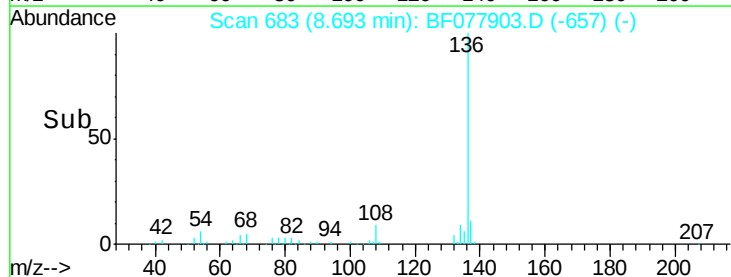
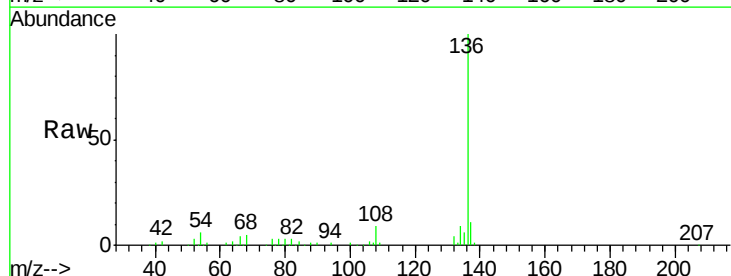
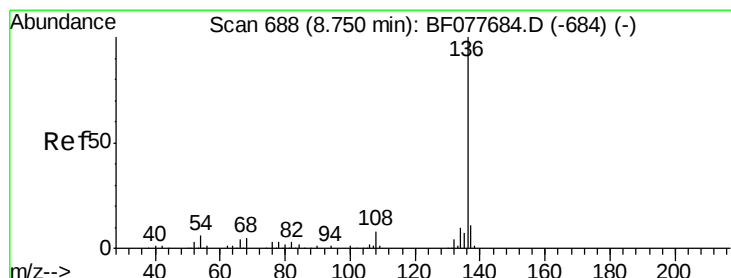
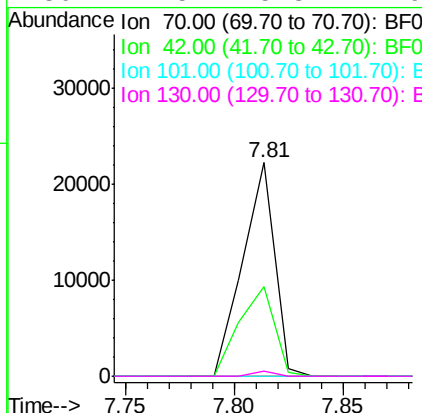




#19
n-Nitroso-di-n-propylamine
Concen: 11.43 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.17 min
Lab File: BF077903.D
Acq: 23 Mar 2015 19:23

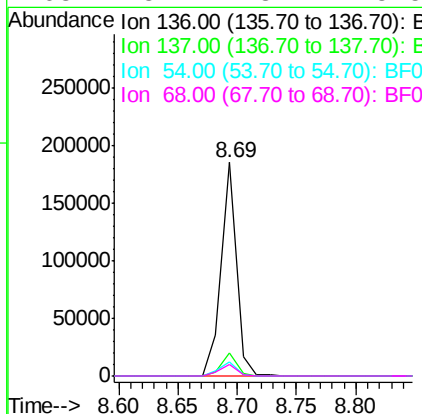
Instrument :
BNA_F
ClientSampleId :
SB-6-2

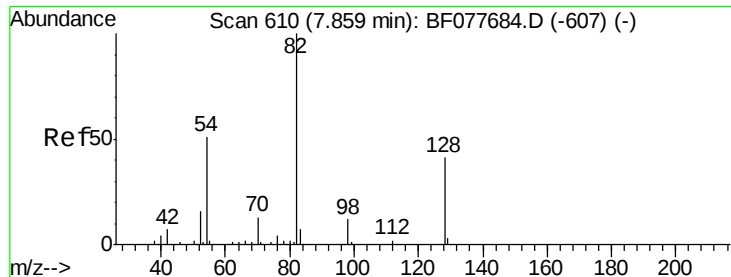
Tgt Ion: 70 Resp: 22691
Ion Ratio Lower Upper
70 100
42 42.2 44.5 66.7#
101 0.0 7.4 11.2#
130 2.5 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077903.D
Acq: 23 Mar 2015 19:23

Tgt Ion: 136 Resp: 164698
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.5 4.6 6.8
68 5.2 3.7 5.5

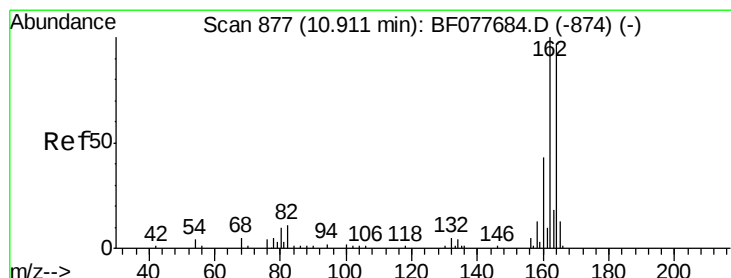
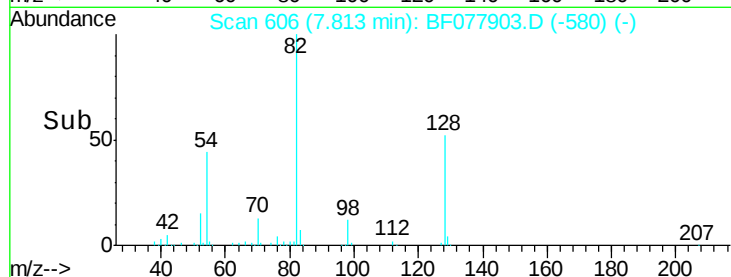
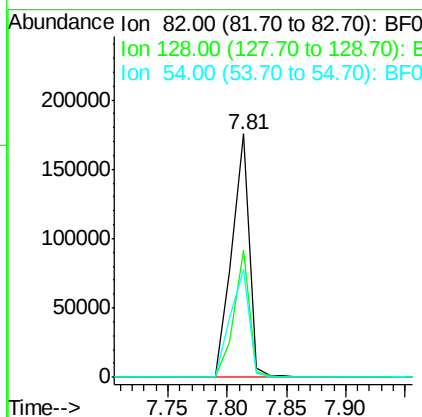
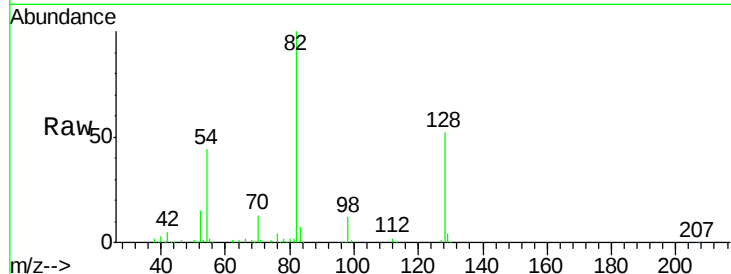




#23
 Nitrobenzene-d5
 Concen: 71.50 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077903.D
 Acq: 23 Mar 2015 19:23

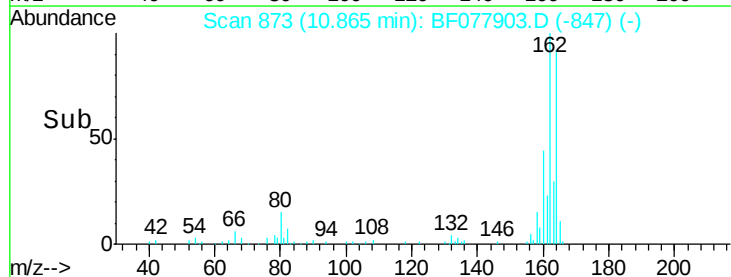
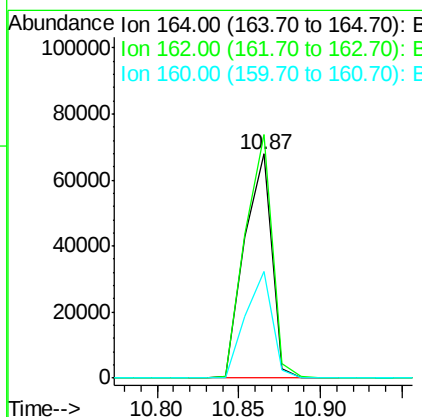
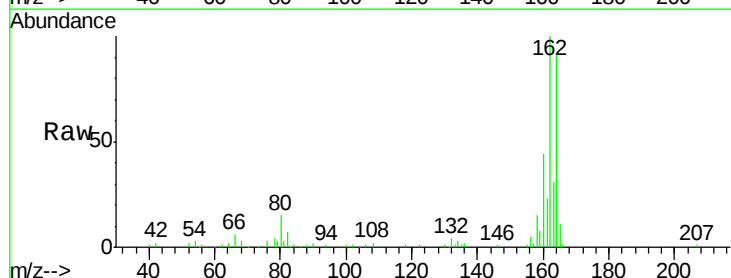
Instrument :
 BNA_F
 ClientSampled :
 SB-6-2

Tgt Ion: 82 Resp: 179634
 Ion Ratio Lower Upper
 82 100
 128 52.1 32.8 49.2#
 54 44.3 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: BF077903.D
 Acq: 23 Mar 2015 19:23

Tgt Ion: 164 Resp: 78396
 Ion Ratio Lower Upper
 164 100
 162 108.7 82.4 123.6
 160 47.5 35.8 53.6

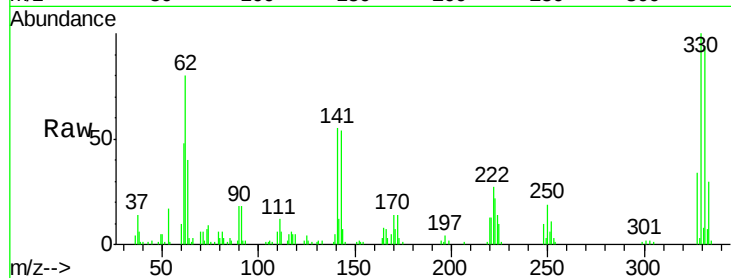




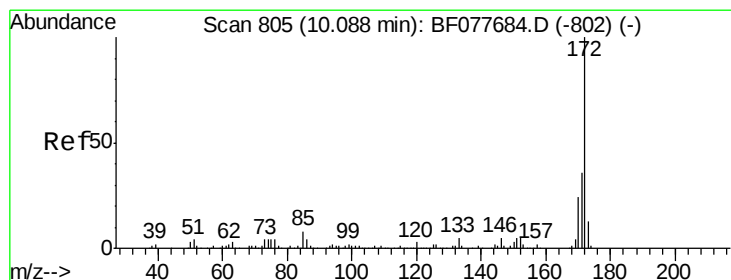
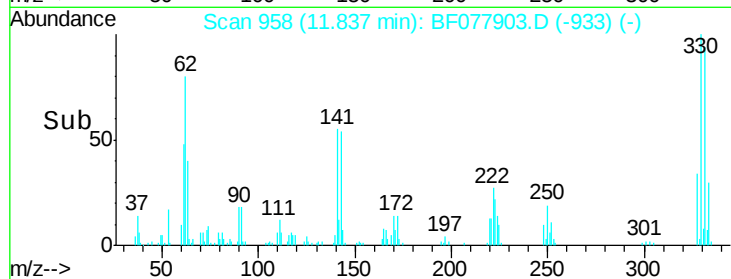
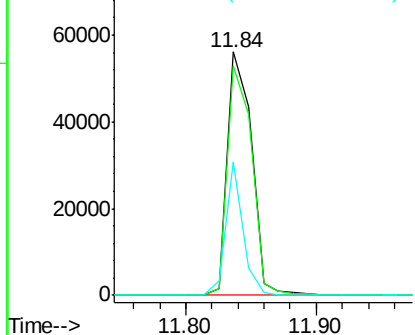
#41
 2,4,6-Tribromophenol
 Concen: 96.95 ng
 RT: 11.84 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BF077903.D
 Acq: 23 Mar 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-2

Tgt Ion:330 Resp: 72719
 Ion Ratio Lower Upper
 330 100
 332 94.7 0.0 0.0#
 141 38.7 0.0 0.0#

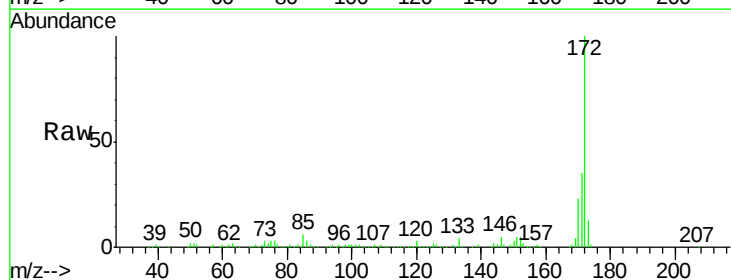


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

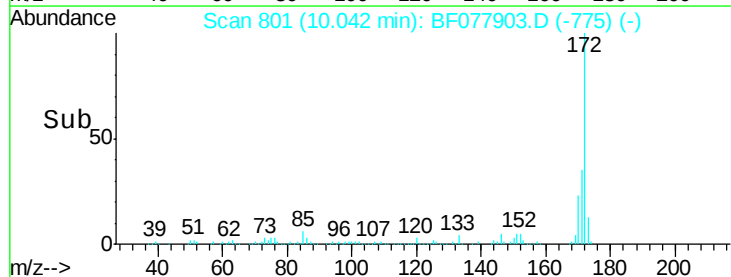
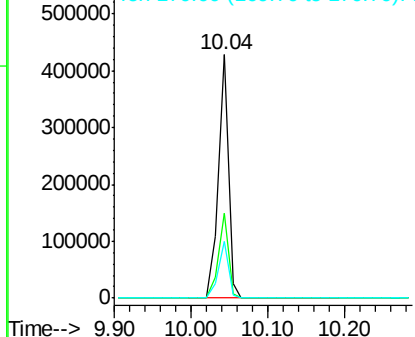


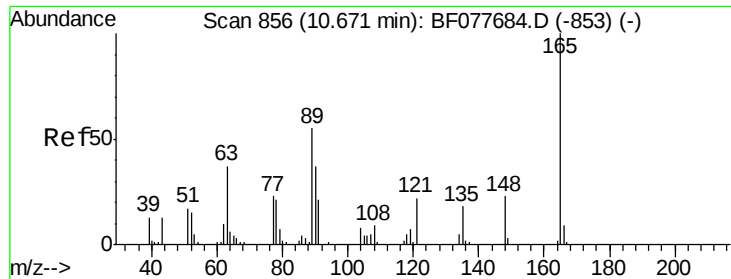
#44
 2-Fluorobiphenyl
 Concen: 73.20 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077903.D
 Acq: 23 Mar 2015 19:23

Tgt Ion:172 Resp: 390501
 Ion Ratio Lower Upper
 172 100
 171 35.1 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

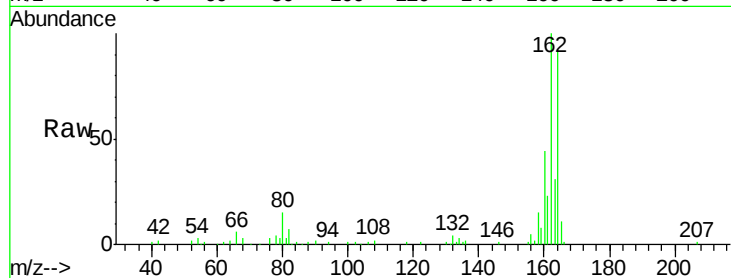




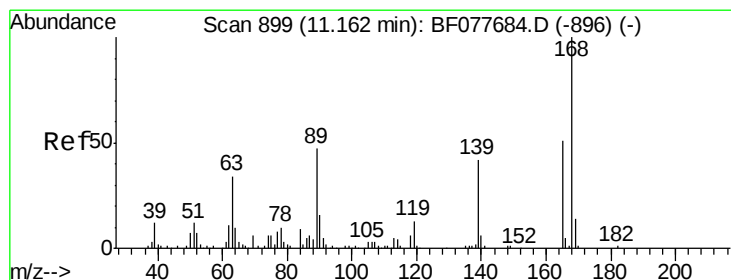
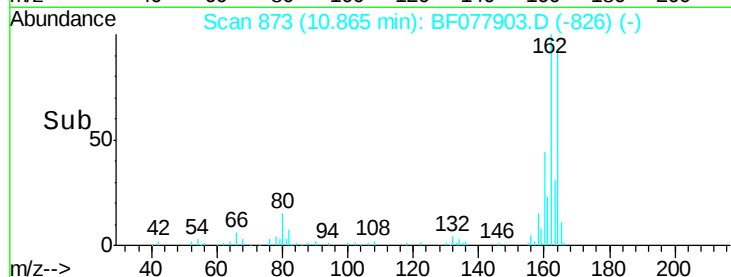
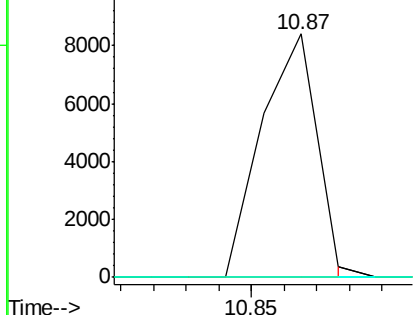
#50
 2,6-Dinitrotoluene
 Concen: 8.23 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.24 min
 Lab File: BF077903.D
 Acq: 23 Mar 2015 19:23

Instrument :
 BNA_F
 ClientSampled :
 SB-6-2

Tgt Ion:165 Resp: 9922
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

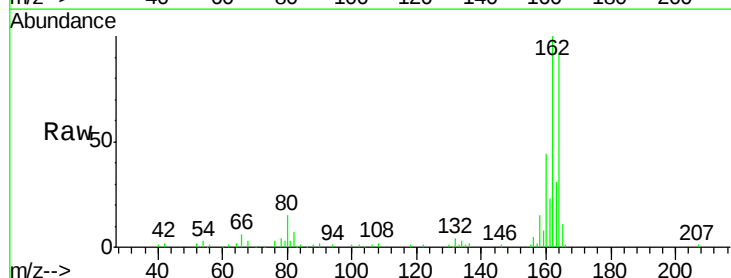


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

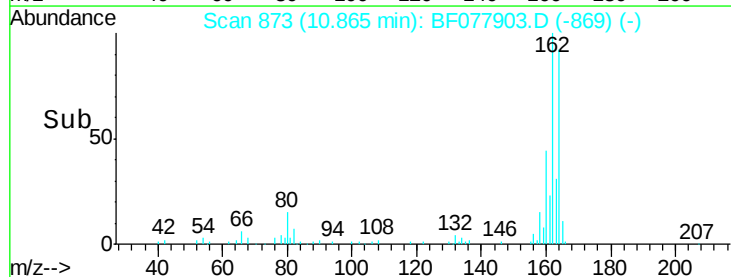
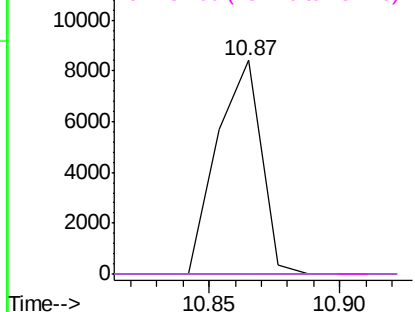


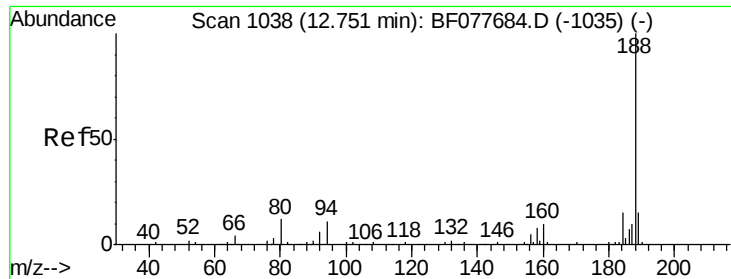
#56
 2,4-Dinitrotoluene
 Concen: 6.31 ng
 RT: 10.87 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077903.D
 Acq: 23 Mar 2015 19:23

Tgt Ion:165 Resp: 9923
 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

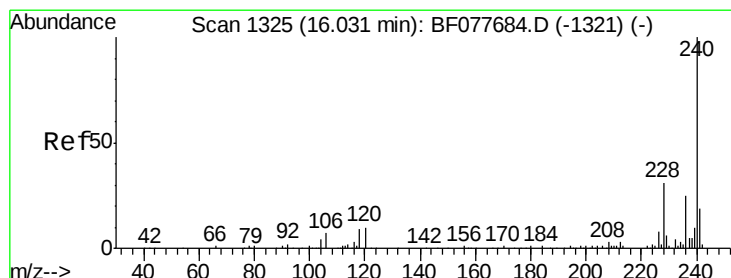
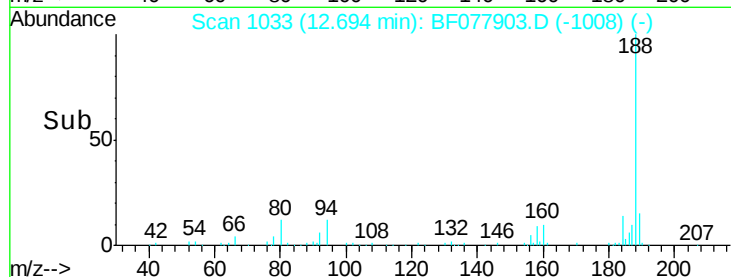
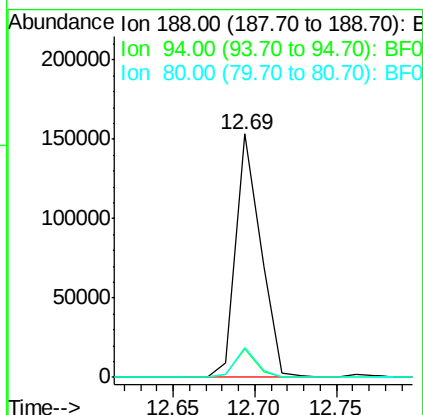
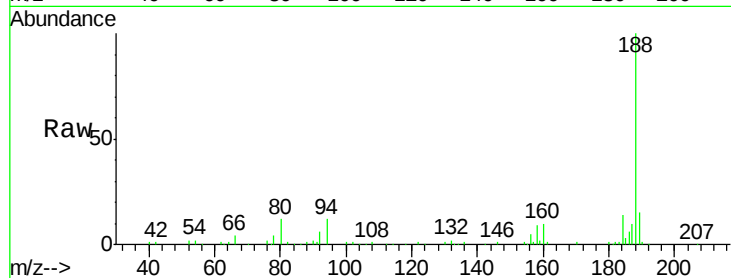




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF077903.D
Acq: 23 Mar 2015 19:23

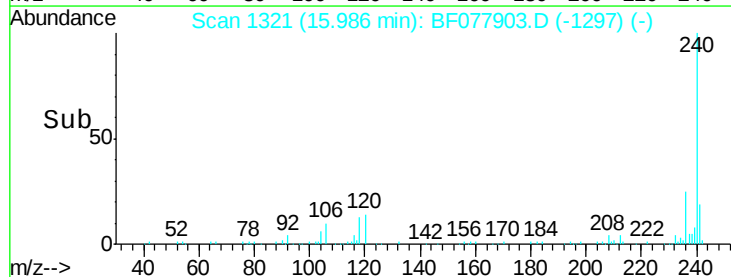
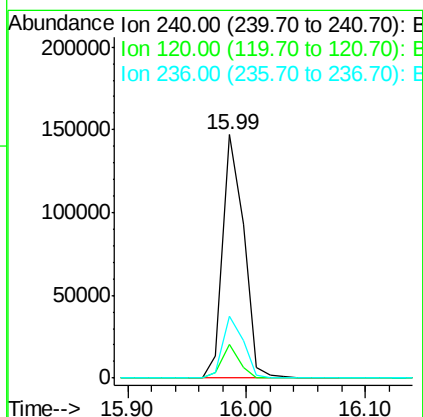
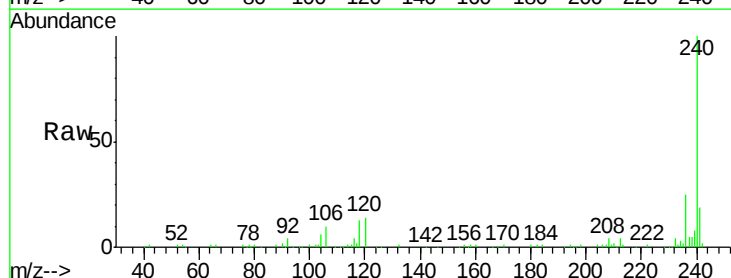
Instrument :
BNA_F
ClientSampleId :
SB-6-2

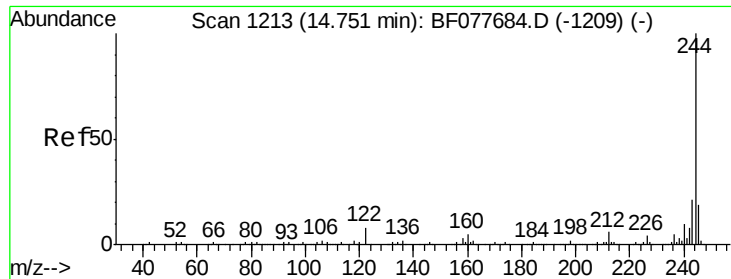
Tgt Ion:188 Resp: 161429
Ion Ratio Lower Upper
188 100
94 11.5 8.7 13.1
80 12.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077903.D
Acq: 23 Mar 2015 19:23

Tgt Ion:240 Resp: 180003
Ion Ratio Lower Upper
240 100
120 14.0 8.2 12.2#
236 25.4 20.0 30.0

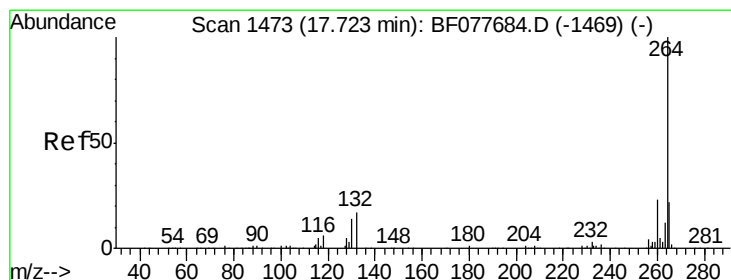
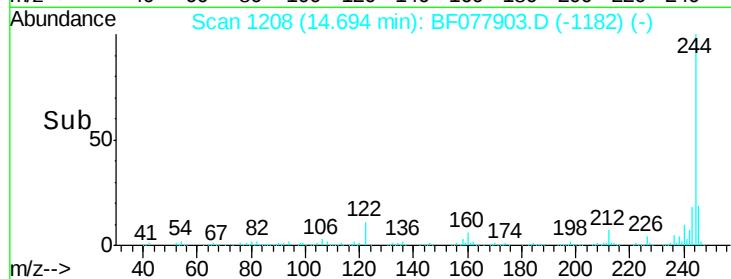
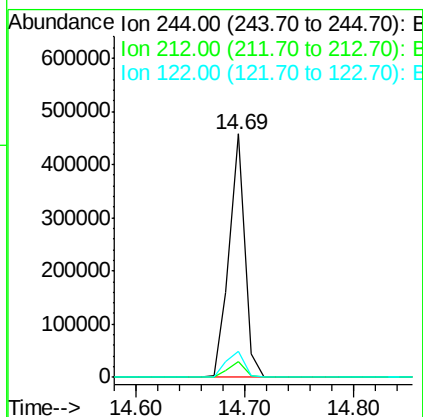
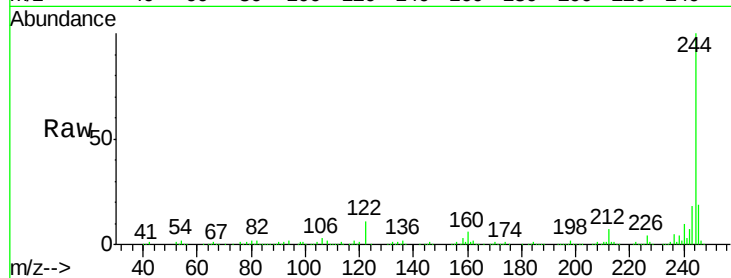




#78
 Terphenyl-d14
 Concen: 62.26 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077903.D
 Acq: 23 Mar 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-2

Tgt Ion: 244 Resp: 458811
 Ion Ratio Lower Upper
 244 100
 212 6.6 4.9 7.3
 122 10.9 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1479
 Delta R.T. -0.03 min
 Lab File: BF077903.D
 Acq: 23 Mar 2015 19:23

Tgt Ion: 264 Resp: 177825
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 27.8
 265 21.0 17.3 25.9

