

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077920.D
 Acq On : 24 Mar 2015 19:21
 Operator : TP/IZ
 Sample : G1613-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-2

Quant Time: Mar 25 00:11:28 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

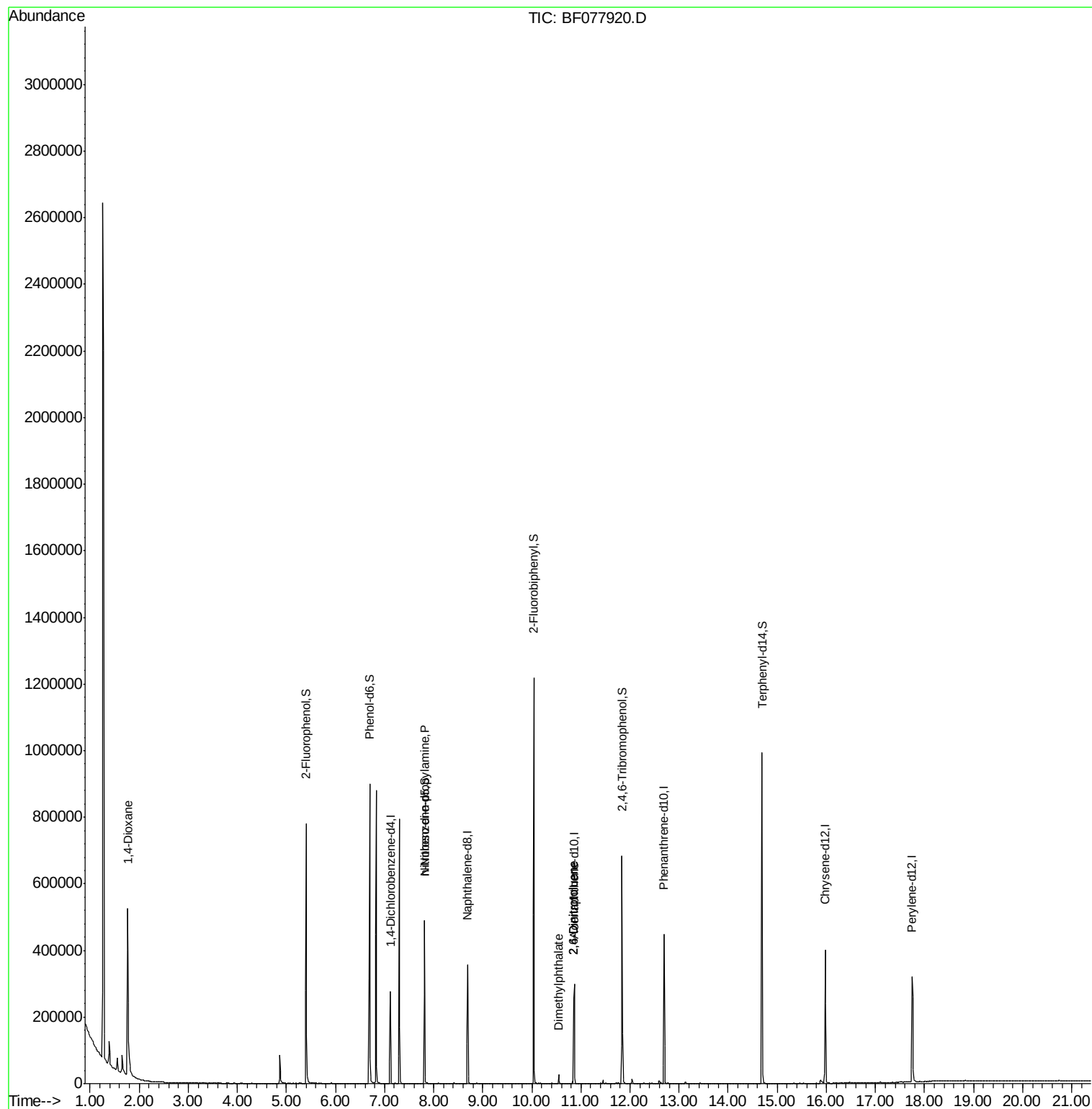
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	45124	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	180333	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	87102	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	177859	20.00	ng	0.00
75) Chrysene-d12	15.97	240	186289	20.00	ng	0.00
86) Perylene-d12	17.75	264	177355	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	265870	102.85	ng	0.00
7) Phenol-d6	6.69	99	351100	109.93	ng	0.00
23) Nitrobenzene-d5	7.81	82	191716	69.69	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	81304	97.56	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	436284	73.61	ng	0.00
78) Terphenyl-d14	14.69	244	505990	66.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	30677	26.14	ng	# 100
19) n-Nitroso-di-n-propylamine	7.81	70	23125	10.47	ng	# 78
49) Dimethylphthalate	10.54	163	13736	2.13	ng	99
50) 2,6-Dinitrotoluene	10.85	165	10799	8.06	ng	# 24
56) 2,4-Dinitrotoluene	10.85	165	10799	6.18	ng	# 11

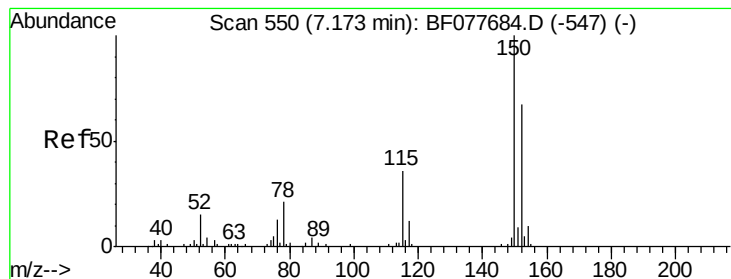
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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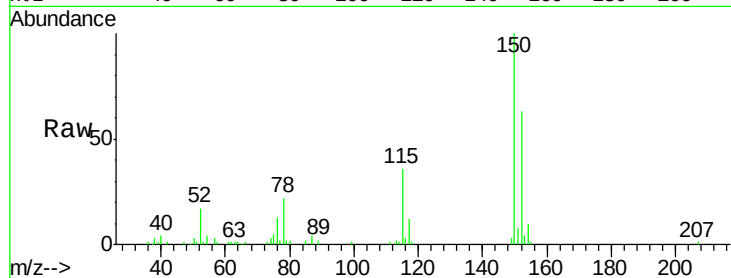


#1

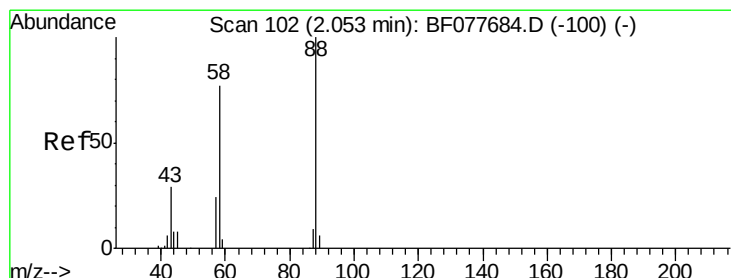
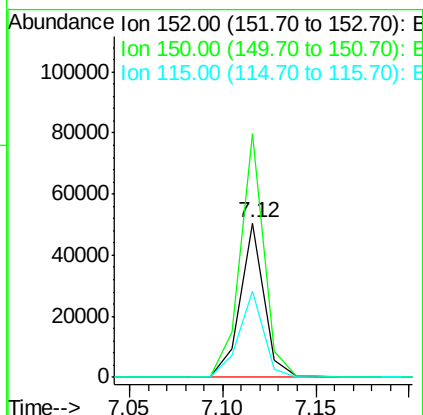
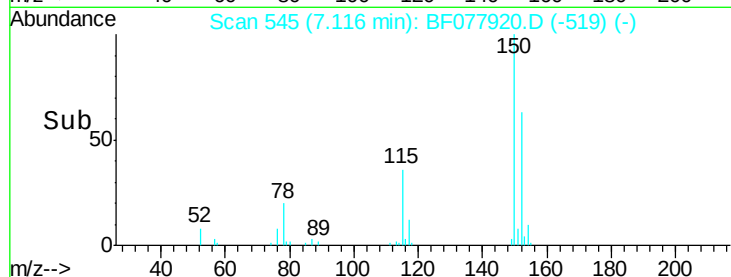
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077920.D
Acq: 24 Mar 2015 19:21

Instrument :
BNA_F
ClientSampled :
SB-2-2

Tgt Ion:152 Resp: 45124
Ion Ratio Lower Upper
152 100
150 158.1 119.5 179.3
115 56.2 43.0 64.4



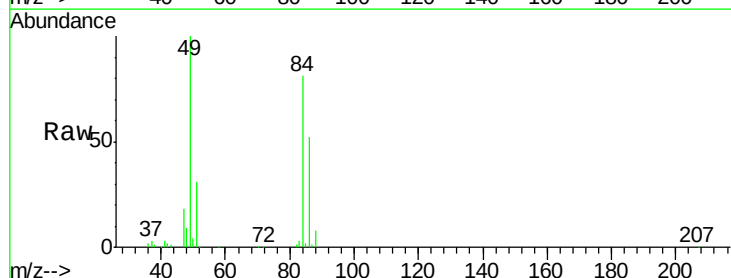
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



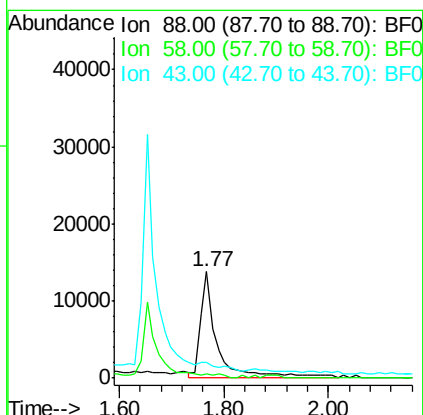
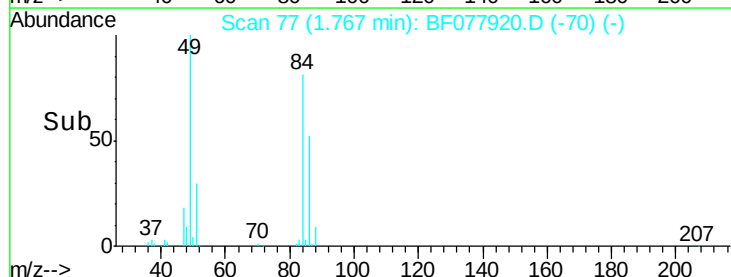
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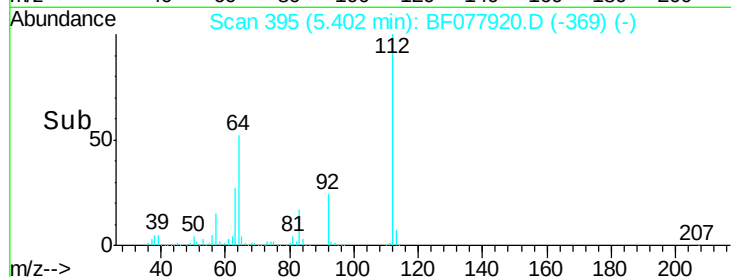
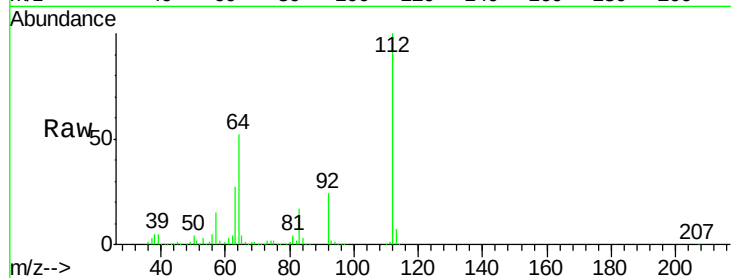
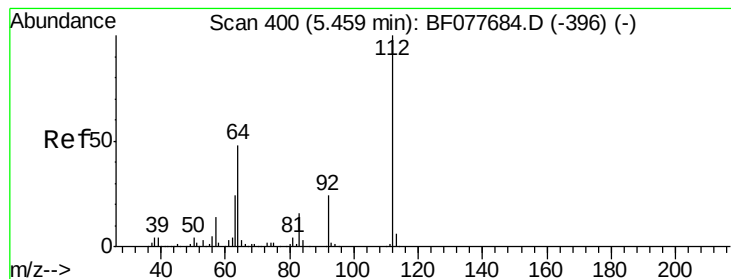
1,4-Dioxane
Concen: 26.14 ng
RT: 1.77 min Scan# 77
Delta R.T. -0.22 min
Lab File: BF077920.D
Acq: 24 Mar 2015 19:21

Tgt Ion: 88 Resp: 30677
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: 102.85 ng

RT: 5.40 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF077920.D

Acq: 24 Mar 2015 19:21

Instrument :

BNA_F

ClientSampleId :

SB-2-2

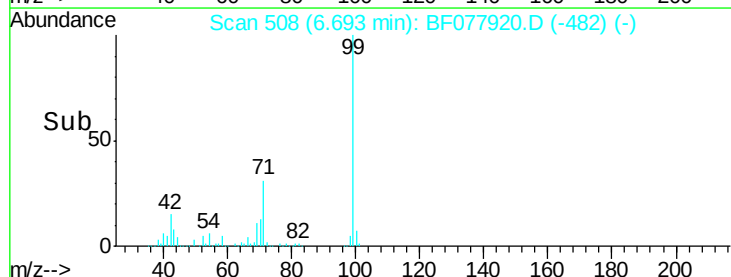
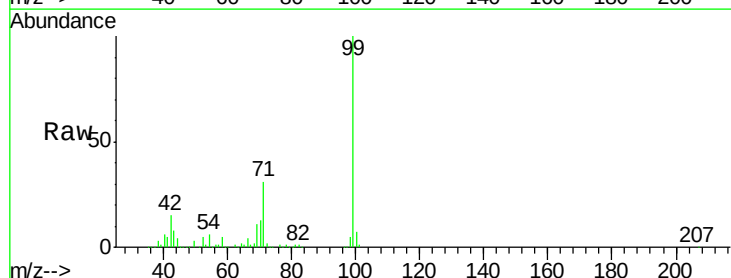
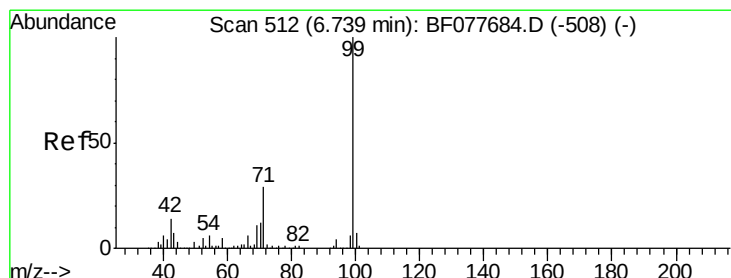
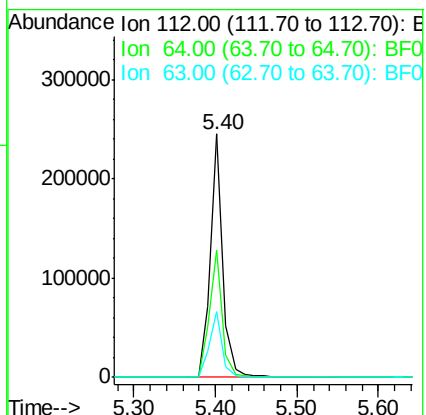
Tgt Ion: 112 Resp: 265870

Ion Ratio Lower Upper

112 100

64 52.5 38.6 57.8

63 26.8 19.3 28.9



#7

Phenol-d6

Concen: 109.93 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077920.D

Acq: 24 Mar 2015 19:21

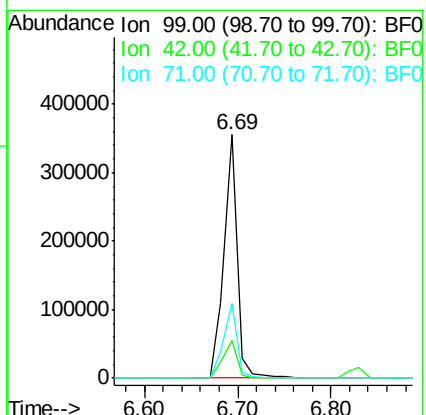
Tgt Ion: 99 Resp: 351100

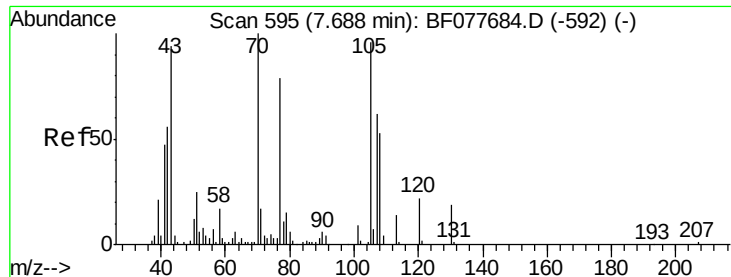
Ion Ratio Lower Upper

99 100

42 15.2 11.0 16.4

71 30.6 23.4 35.2

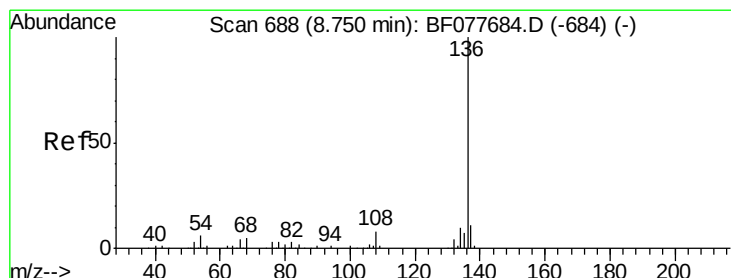
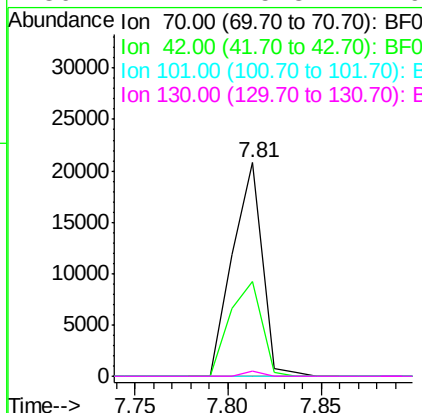
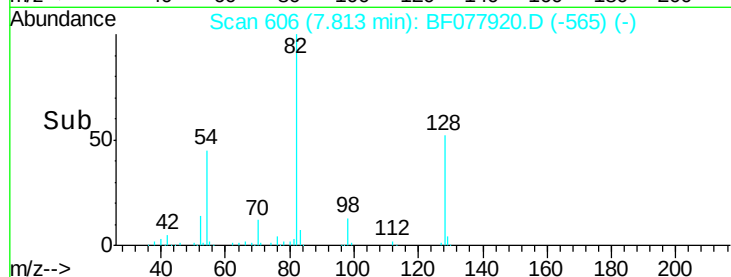
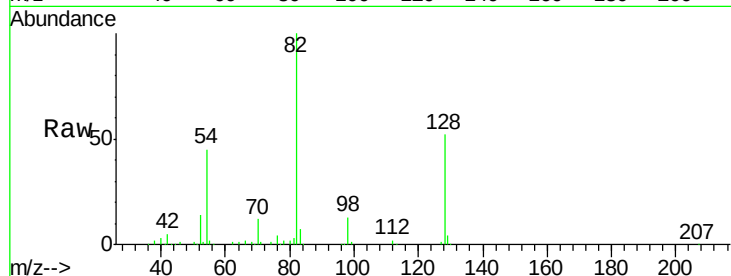




#19
n-Nitroso-di-n-propylamine
Concen: 10.47 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.17 min
Lab File: BF077920.D
Acq: 24 Mar 2015 19:21

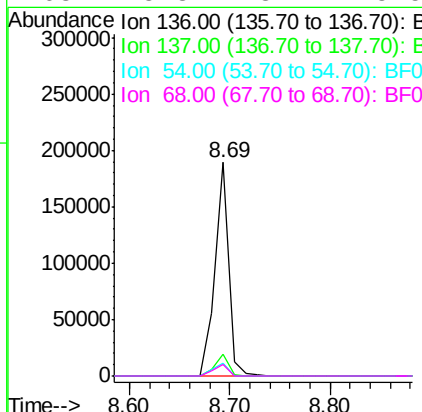
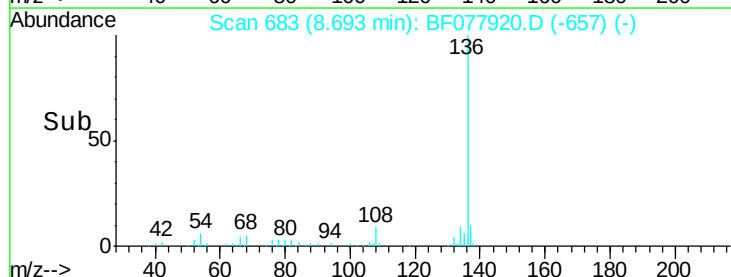
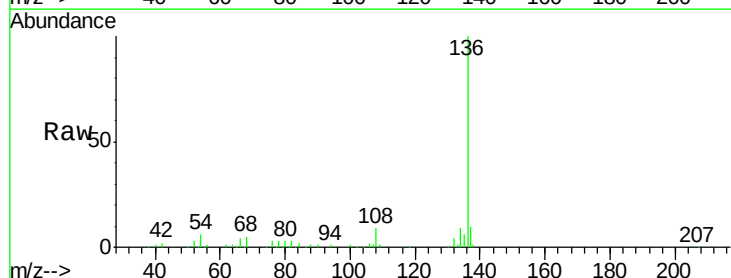
Instrument :
BNA_F
ClientSampleId :
SB-2-2

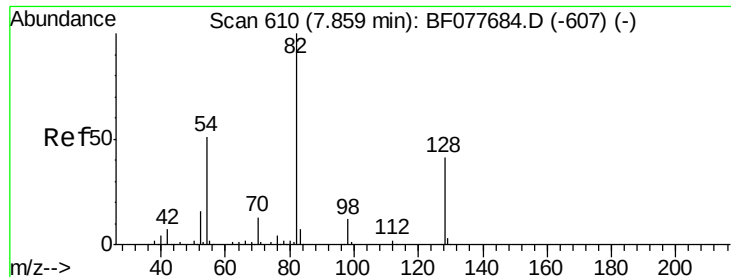
Tgt Ion: 70 Resp: 23125
Ion Ratio Lower Upper
70 100
42 44.2 44.5 66.7#
101 0.0 7.4 11.2#
130 2.2 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077920.D
Acq: 24 Mar 2015 19:21

Tgt Ion: 136 Resp: 180333
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 6.0 4.6 6.8
68 5.3 3.7 5.5

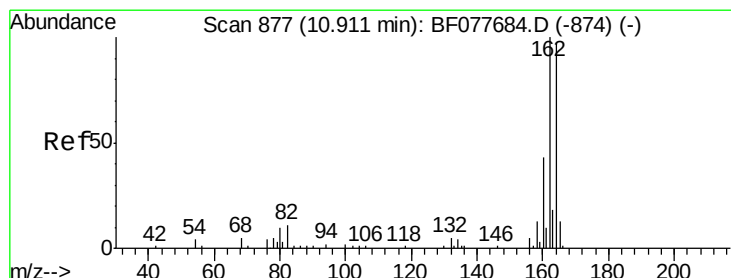
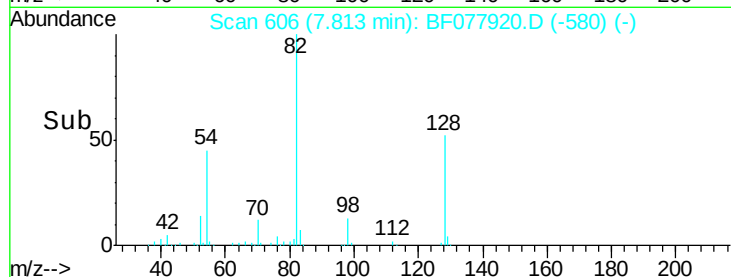
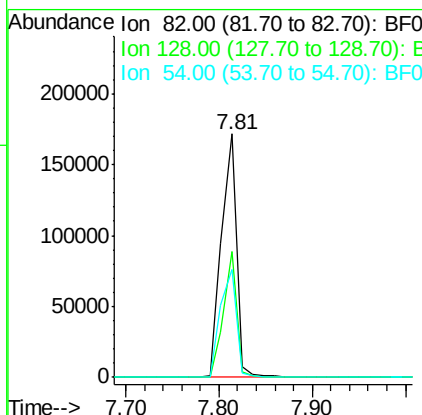
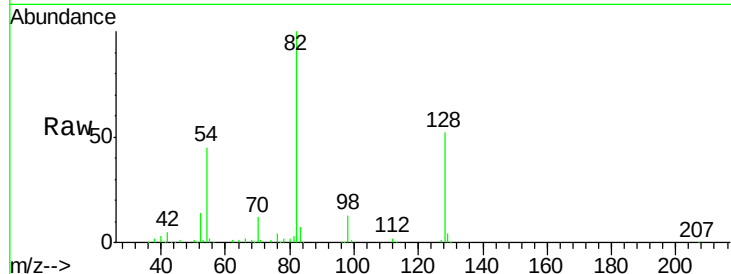




#23
 Nitrobenzene-d5
 Concen: 69.69 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077920.D
 Acq: 24 Mar 2015 19:21

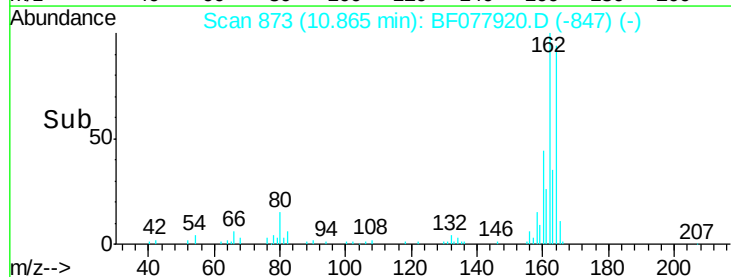
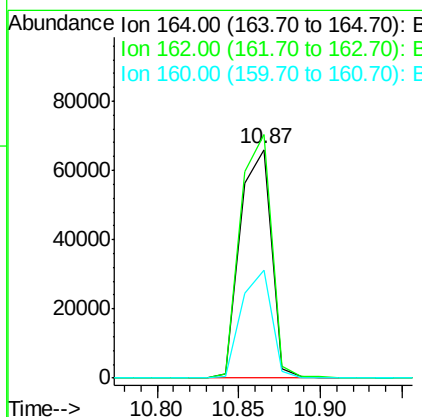
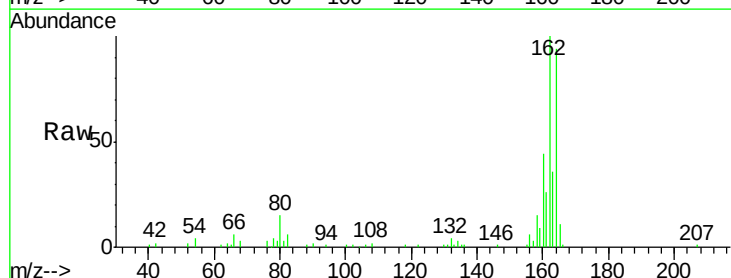
Instrument :
 BNA_F
 ClientSampled :
 SB-2-2

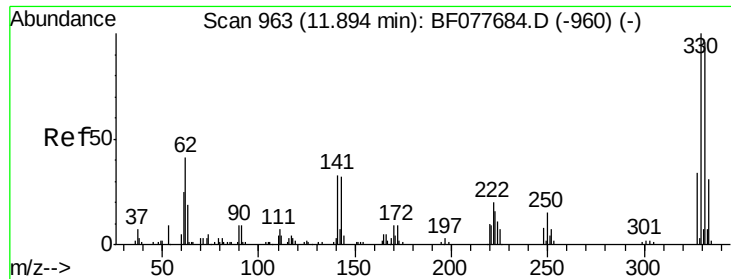
Tgt Ion: 82 Resp: 191716
 Ion Ratio Lower Upper
 82 100
 128 51.8 32.8 49.2#
 54 44.6 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF077920.D
 Acq: 24 Mar 2015 19:21

Tgt Ion: 164 Resp: 87102
 Ion Ratio Lower Upper
 164 100
 162 106.4 82.4 123.6
 160 47.0 35.8 53.6

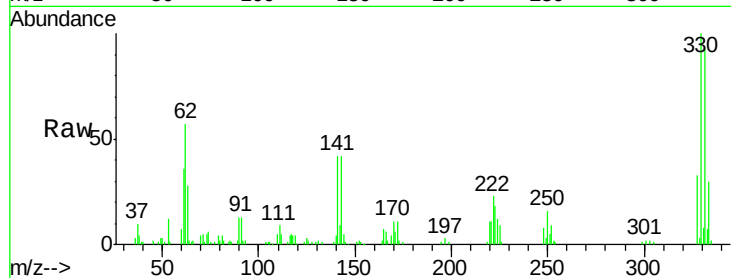




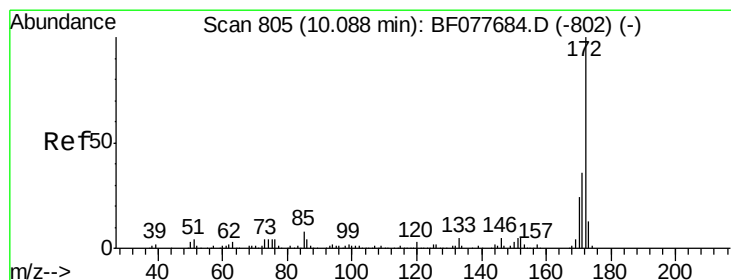
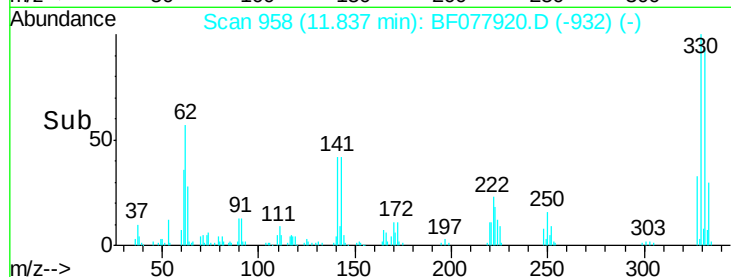
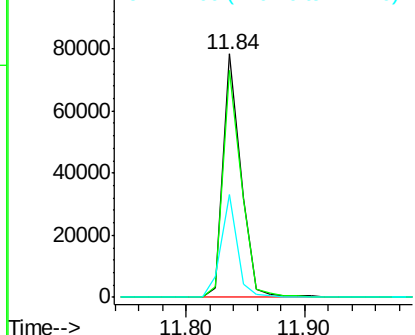
#41
 2,4,6-Tribromophenol
 Concen: 97.56 ng
 RT: 11.84 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF077920.D
 Acq: 24 Mar 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-2

Tgt Ion:330 Resp: 81304
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 38.7 0.0 0.0#

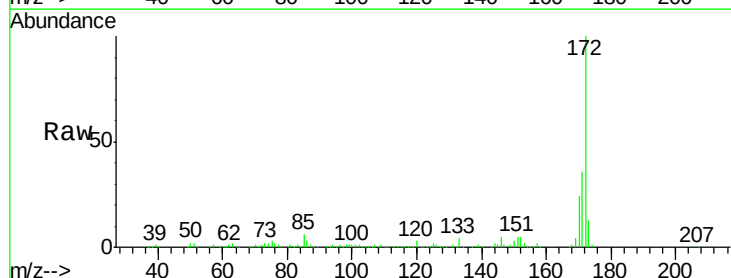


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

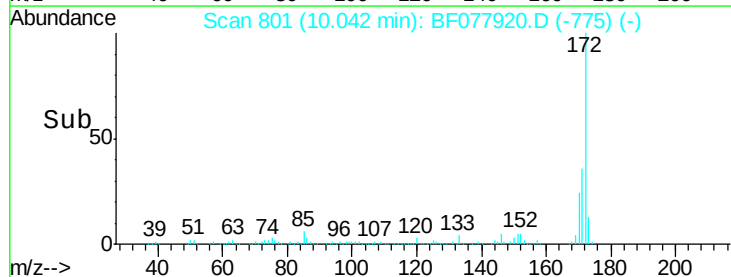
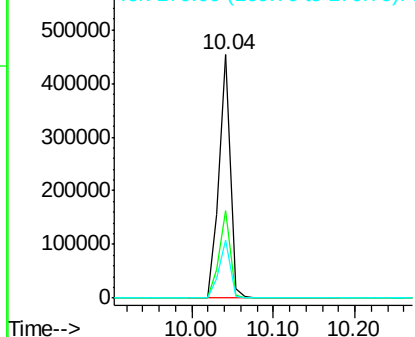


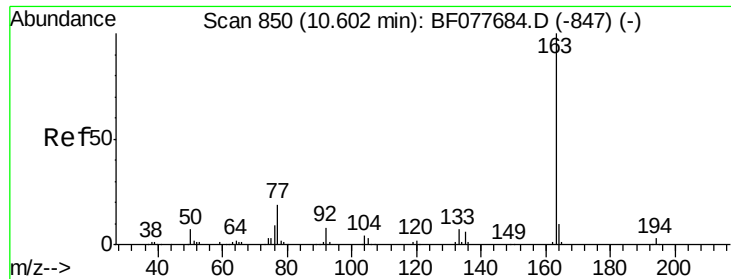
#44
 2-Fluorobiphenyl
 Concen: 73.61 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077920.D
 Acq: 24 Mar 2015 19:21

Tgt Ion:172 Resp: 436284
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 24.0 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

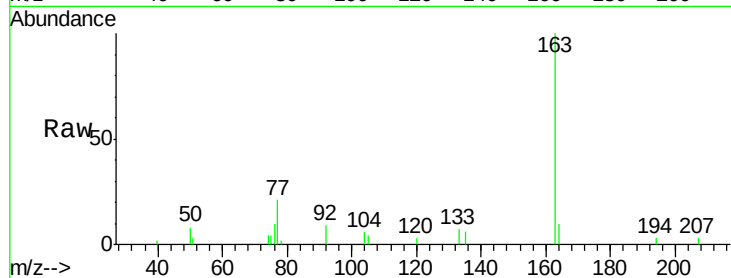




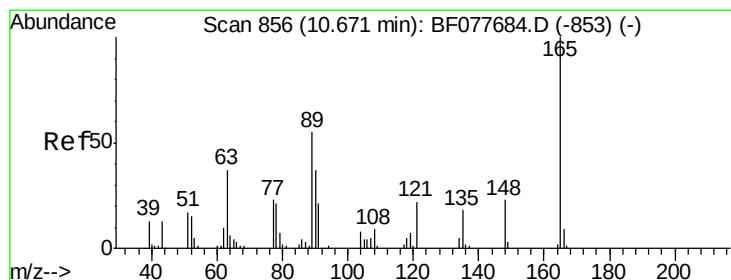
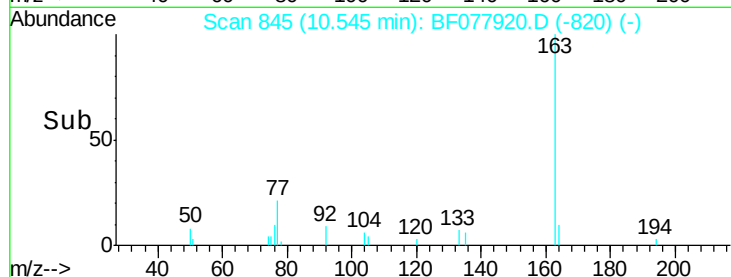
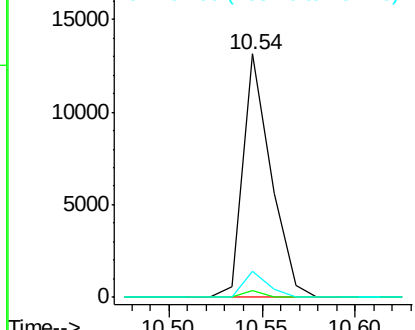
#49
Dimethylphthalate
Concen: 2.13 ng
RT: 10.54 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF077920.D
Acq: 24 Mar 2015 19:21

Instrument :
BNA_F
ClientSampleId :
SB-2-2

Tgt Ion:163 Resp: 13736
Ion Ratio Lower Upper
163 100
194 2.8 2.7 4.1
164 10.5 8.2 12.2

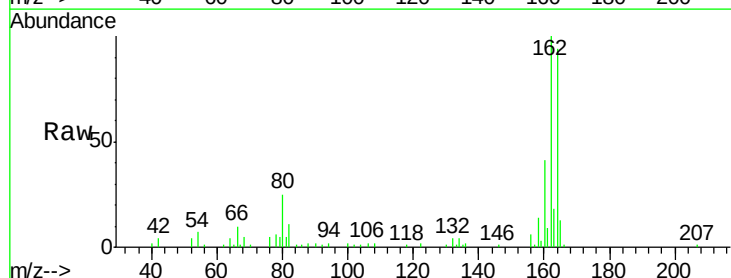


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

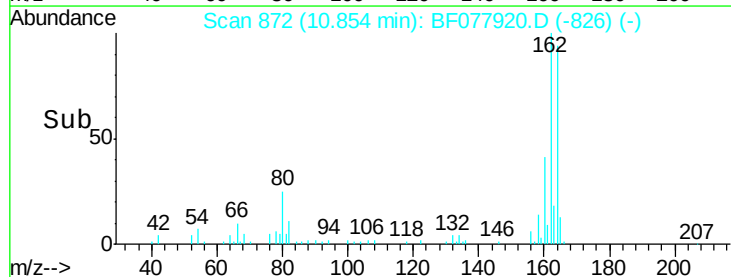
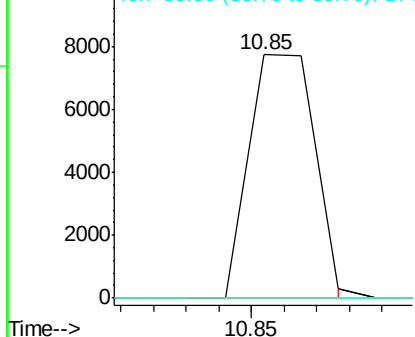


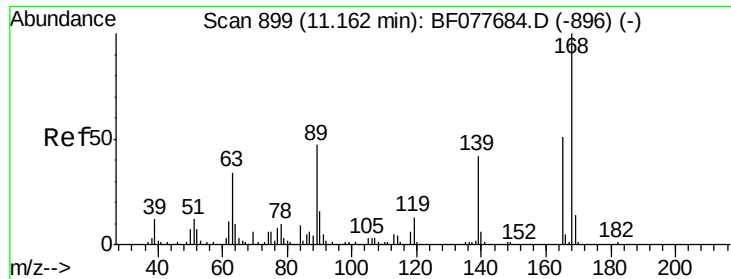
#50
2,6-Dinitrotoluene
Concen: 8.06 ng
RT: 10.85 min Scan# 872
Delta R.T. 0.23 min
Lab File: BF077920.D
Acq: 24 Mar 2015 19:21

Tgt Ion:165 Resp: 10799
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

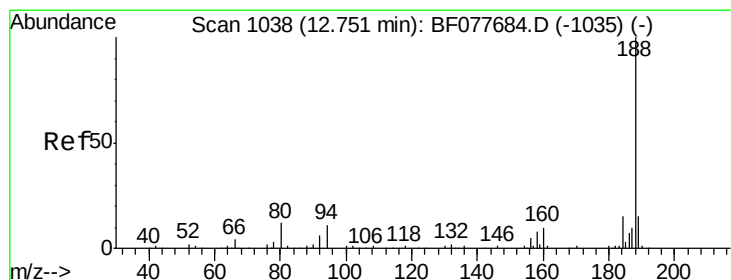
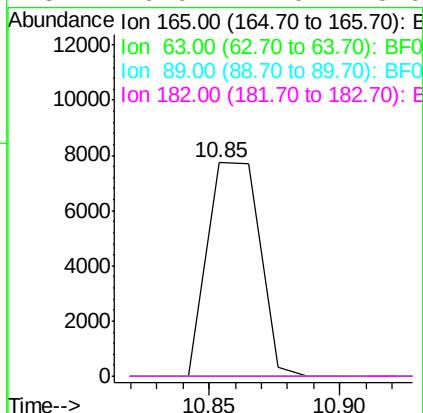
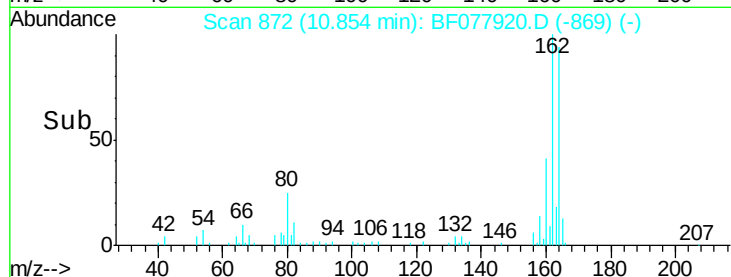
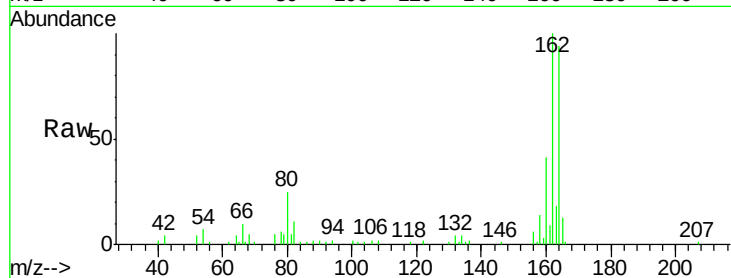




#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 10.85 min Scan# 872
 Delta R.T. -0.26 min
 Lab File: BF077920.D
 Acq: 24 Mar 2015 19:21

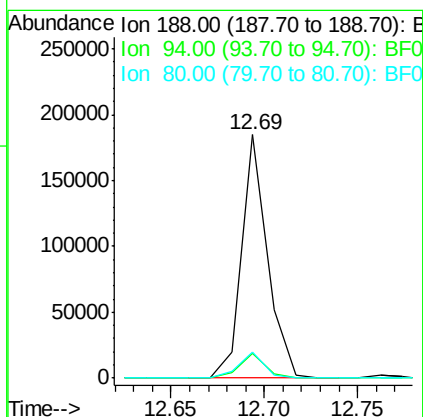
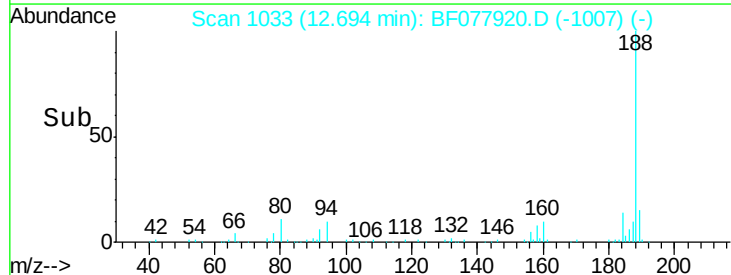
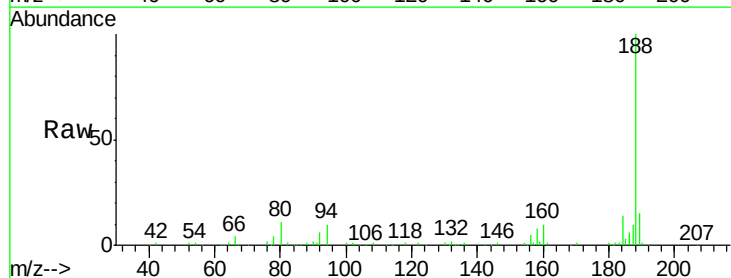
Instrument :
 BNA_F
 ClientSampleId :
 SB-2-2

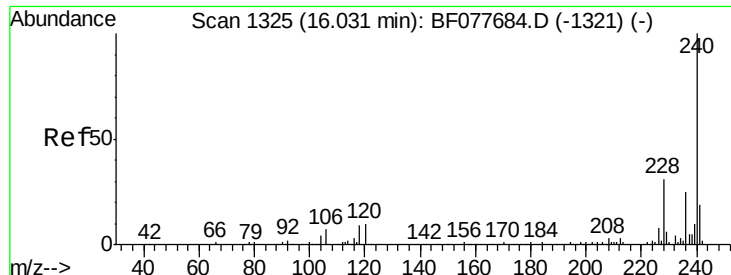
Tgt Ion:165 Resp: 10799
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF077920.D
 Acq: 24 Mar 2015 19:21

Tgt Ion:188 Resp: 177859
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.7 13.1
 80 10.5 9.3 13.9

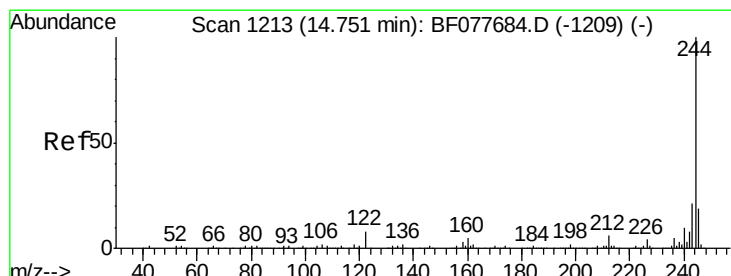
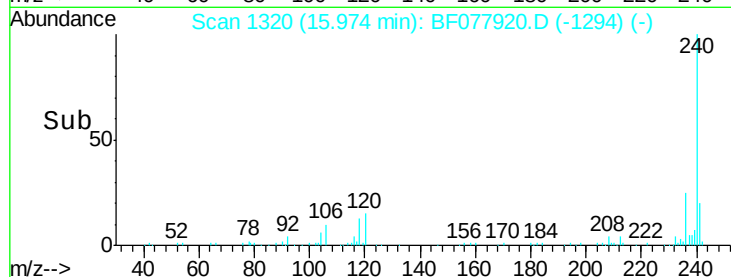
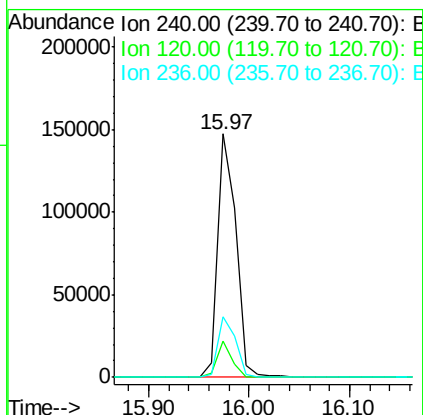
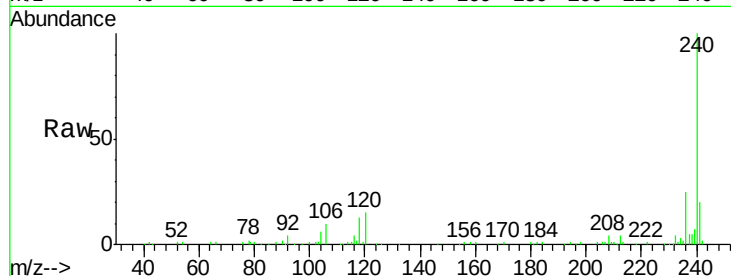




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF077920.D
 Acq: 24 Mar 2015 19:21

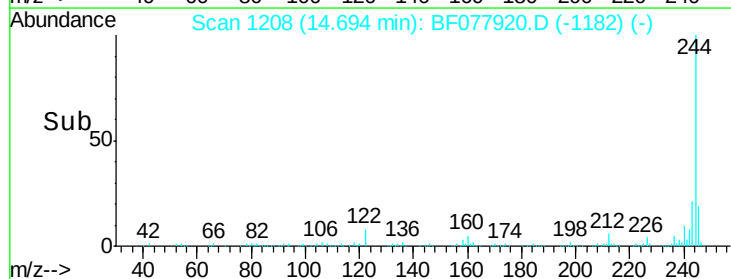
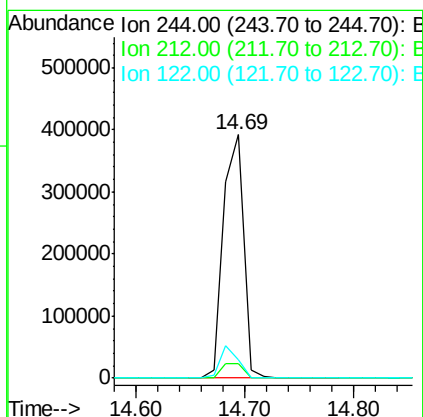
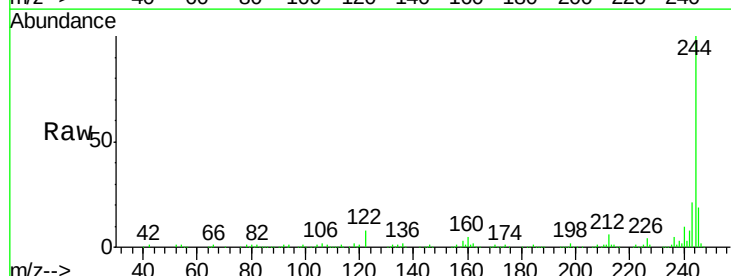
Instrument :
 BNA_F
 ClientSampleId :
 SB-2-2

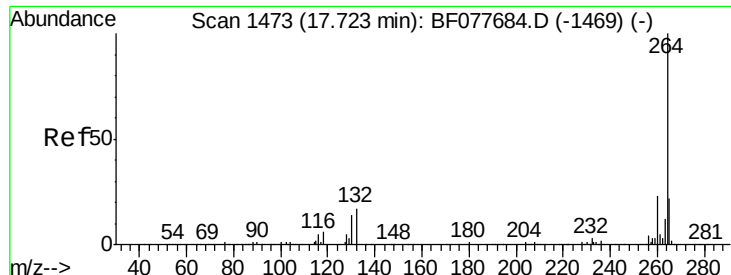
Tgt Ion:240 Resp: 186289
 Ion Ratio Lower Upper
 240 100
 120 14.7 8.2 12.2#
 236 25.0 20.0 30.0



#78
 Terphenyl-d14
 Concen: 66.35 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077920.D
 Acq: 24 Mar 2015 19:21

Tgt Ion:244 Resp: 505990
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.9 7.3
 122 7.8 6.2 9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.75 min Scan# 1475
Delta R.T. 0.05 min
Lab File: BF077920.D
Acq: 24 Mar 2015 19:21

Instrument :
BNA_F
ClientSampleId :
SB-2-2

Tgt Ion: 264 Resp: 177355
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.1 17.3 25.9

