

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077919.D
 Acq On : 24 Mar 2015 18:53
 Operator : TP/IZ
 Sample : G1613-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-2

Quant Time: Mar 25 00:11:11 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

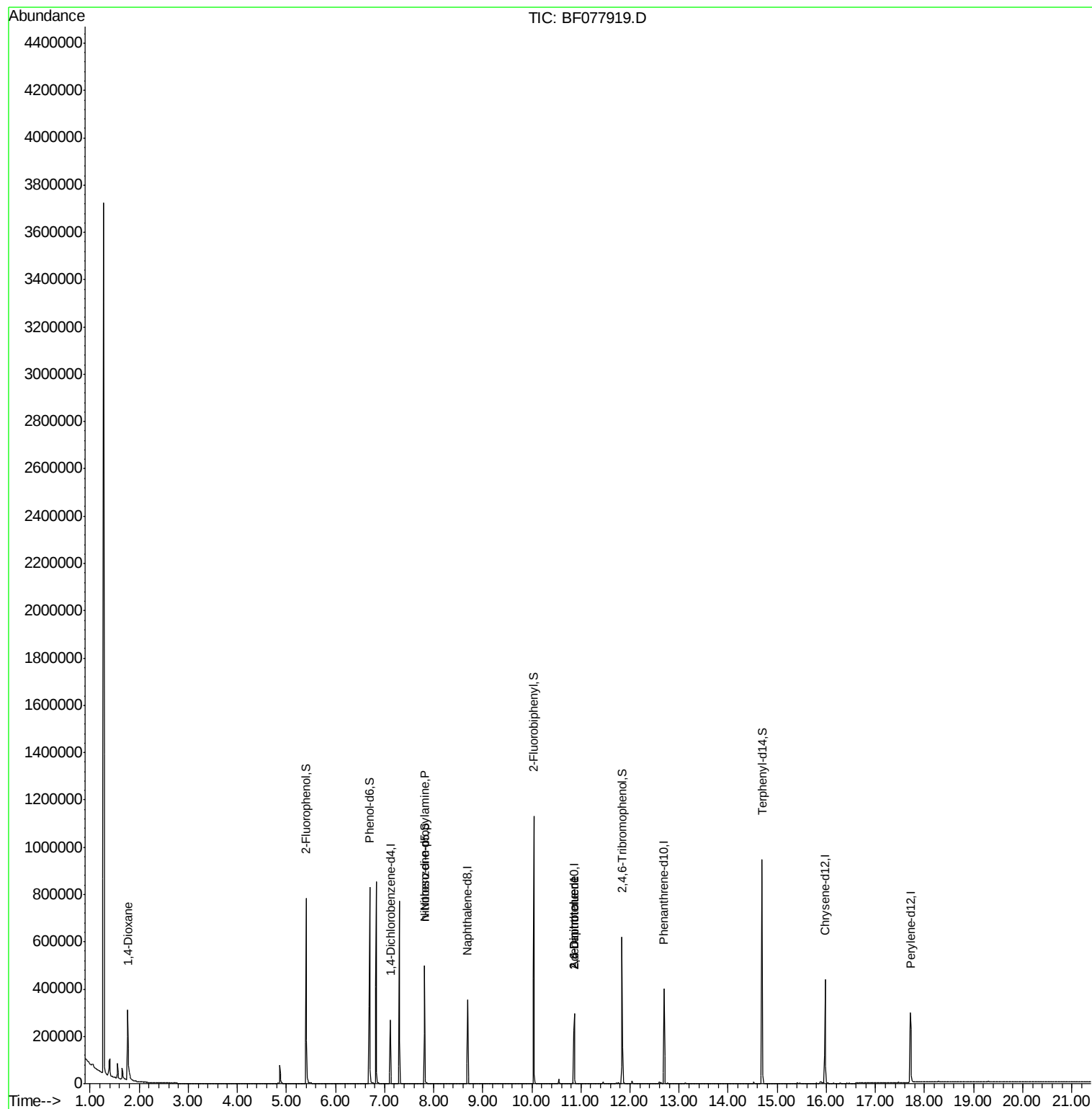
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	42456	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	170285	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	82174	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	163565	20.00	ng	0.00
75) Chrysene-d12	15.97	240	174015	20.00	ng	0.00
86) Perylene-d12	17.71	264	158821	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	251021	103.20	ng	0.00
7) Phenol-d6	6.69	99	331190	110.21	ng	0.00
23) Nitrobenzene-d5	7.81	82	180184	69.36	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	71641	91.12	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	407028	72.79	ng	0.00
78) Terphenyl-d14	14.69	244	470909	66.10	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	15818	14.32	ng	# 100
19) n-Nitroso-di-n-propylamine	7.81	70	22133	10.65	ng	# 79
50) 2,6-Dinitrotoluene	10.86	165	9860	7.80	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	9860	5.99	ng	# 11

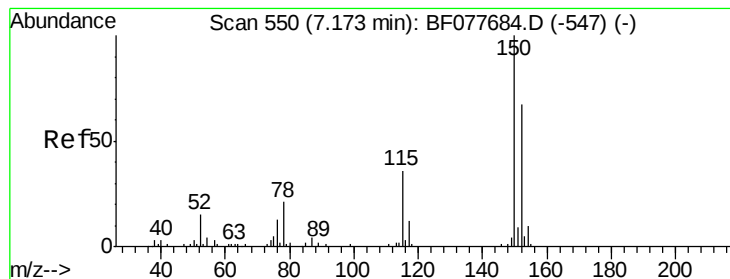
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 25 00:51:55 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: BF077919.D

Acq: 24 Mar 2015 18:53

Instrument :

BNA_F

ClientSampleId :

SB-1-2

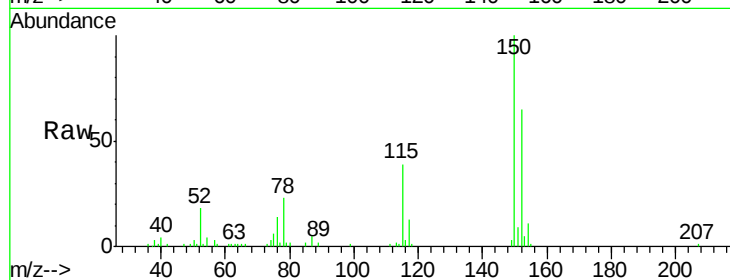
Tgt Ion:152 Resp: 42456

Ion Ratio Lower Upper

152 100

150 154.5 119.5 179.3

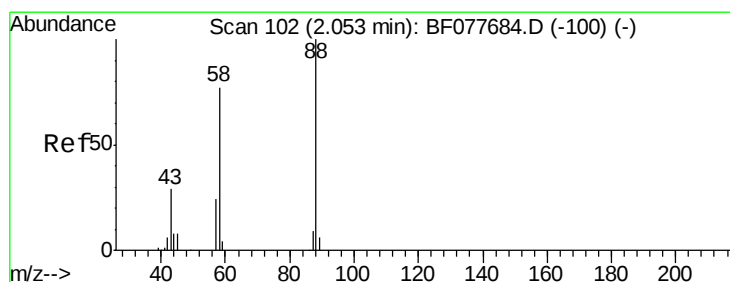
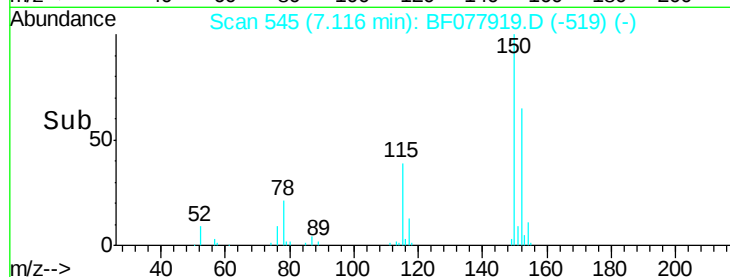
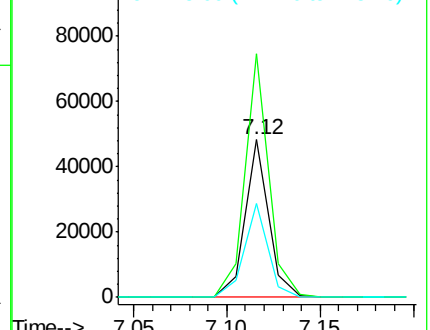
115 59.9 43.0 64.4



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: 14.32 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.22 min

Lab File: BF077919.D

Acq: 24 Mar 2015 18:53

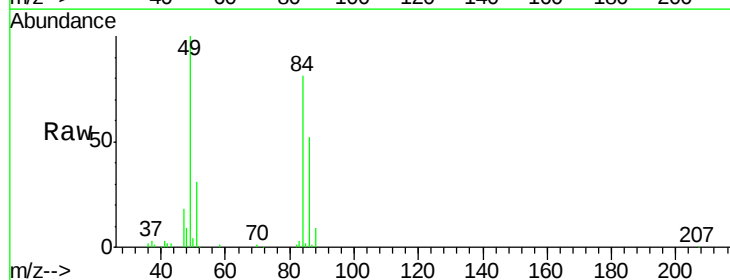
Tgt Ion: 88 Resp: 15818

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

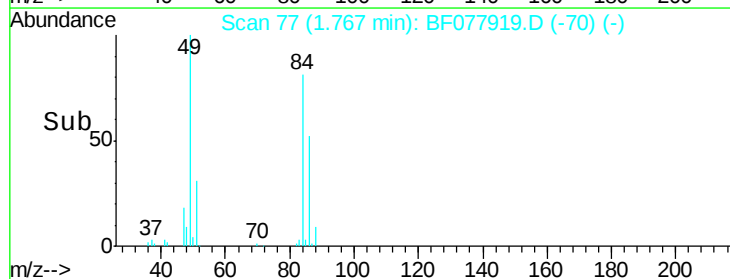
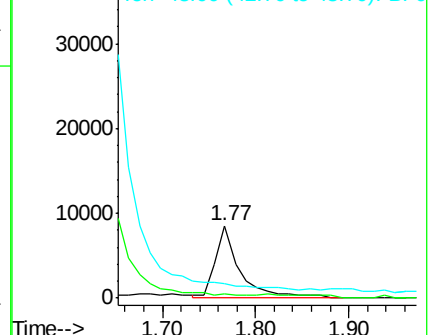
43 0.0 0.0 0.0

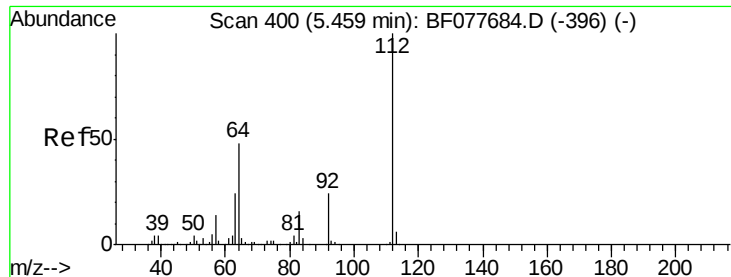


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 103.20 ng

RT: 5.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF077919.D

Acq: 24 Mar 2015 18:53

Instrument :

BNA_F

ClientSampleId :

SB-1-2

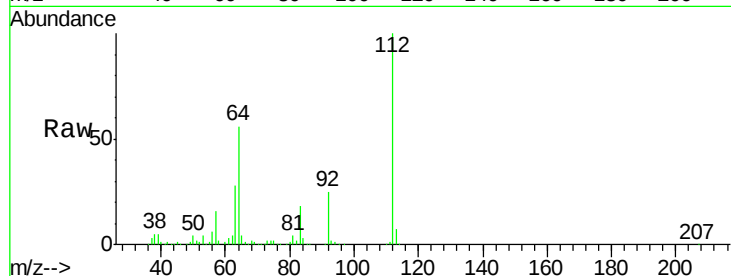
Tgt Ion: 112 Resp: 251021

Ion Ratio Lower Upper

112 100

64 55.7 38.6 57.8

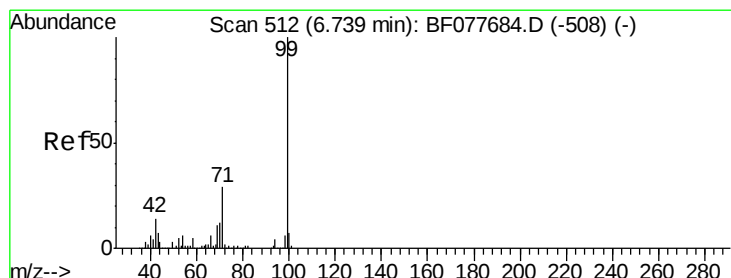
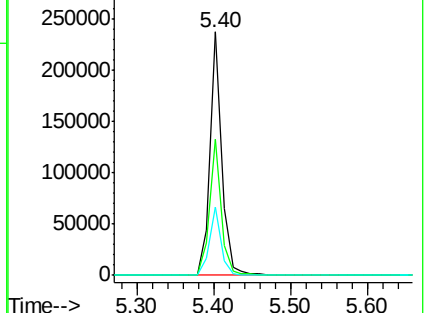
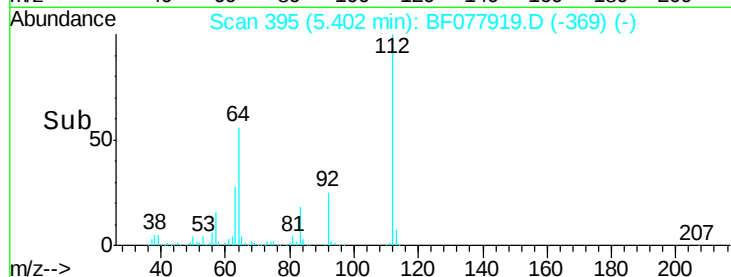
63 28.2 19.3 28.9



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: 110.21 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077919.D

Acq: 24 Mar 2015 18:53

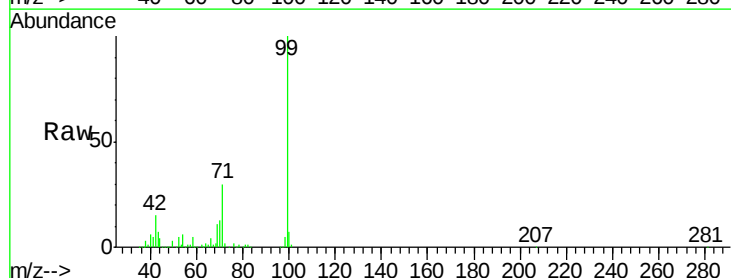
Tgt Ion: 99 Resp: 331190

Ion Ratio Lower Upper

99 100

42 14.6 11.0 16.4

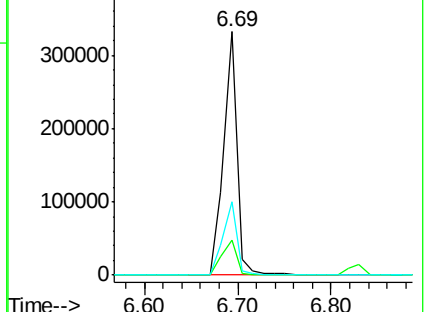
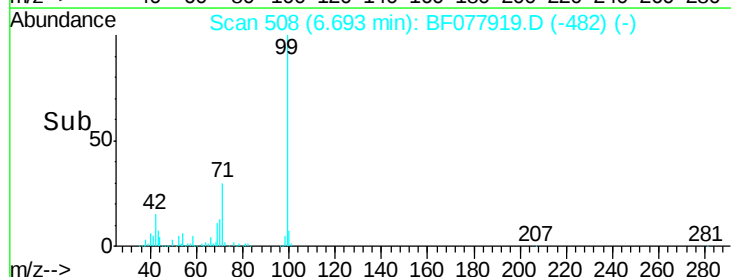
71 30.1 23.4 35.2

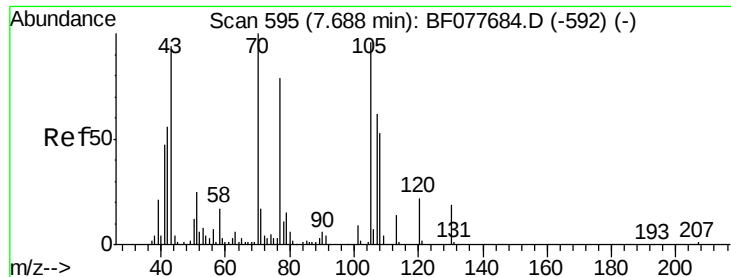


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 10.65 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077919.D

Acq: 24 Mar 2015 18:53

Instrument :

BNA_F

ClientSampleId :

SB-1-2

Tgt Ion: 70 Resp: 22133

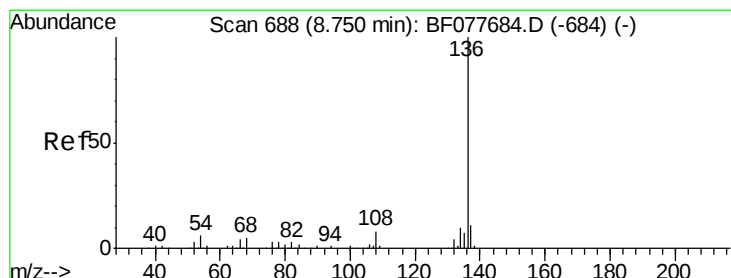
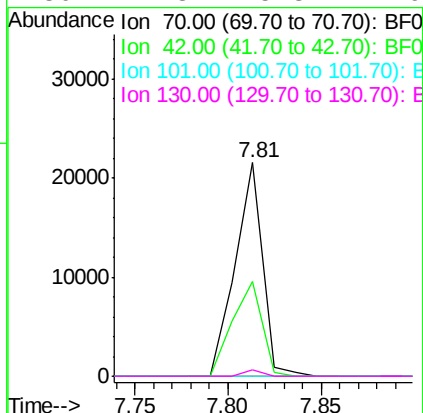
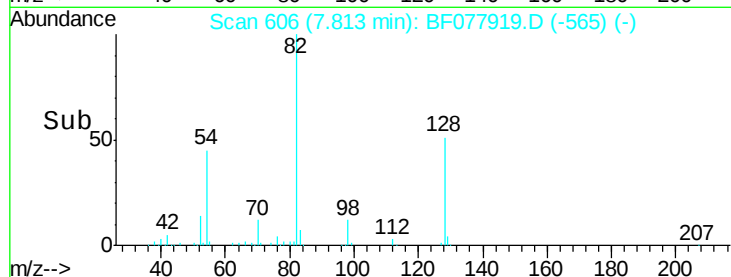
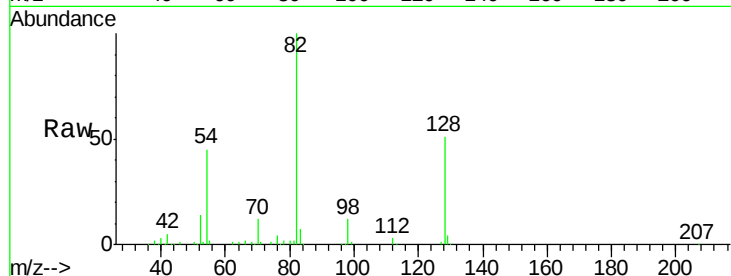
Ion Ratio Lower Upper

70 100

42 44.3 44.5 66.7#

101 0.0 7.4 11.2#

130 2.8 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: BF077919.D

Acq: 24 Mar 2015 18:53

Tgt Ion: 136 Resp: 170285

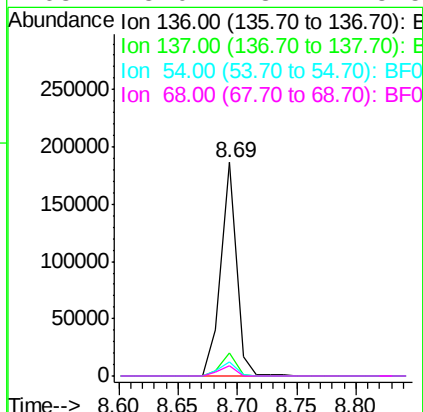
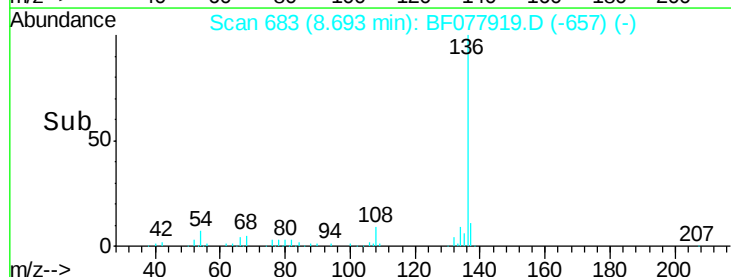
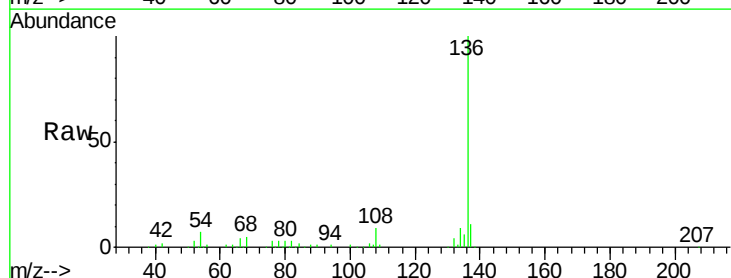
Ion Ratio Lower Upper

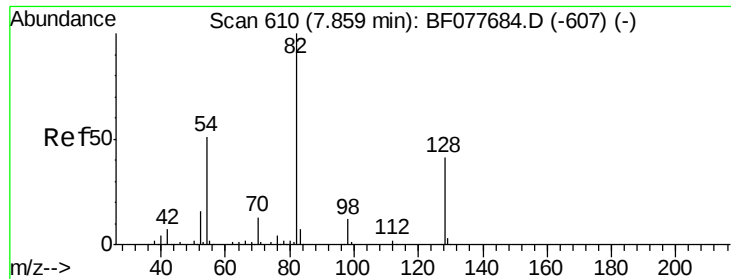
136 100

137 10.8 8.7 13.1

54 6.5 4.6 6.8

68 5.0 3.7 5.5

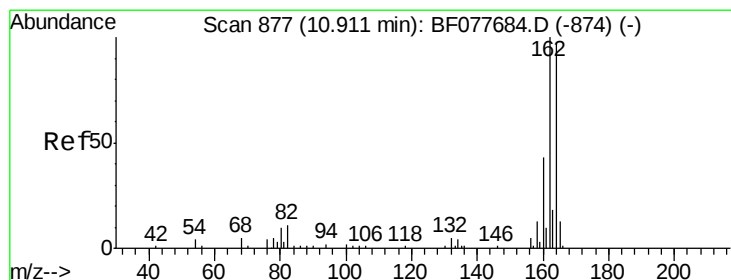
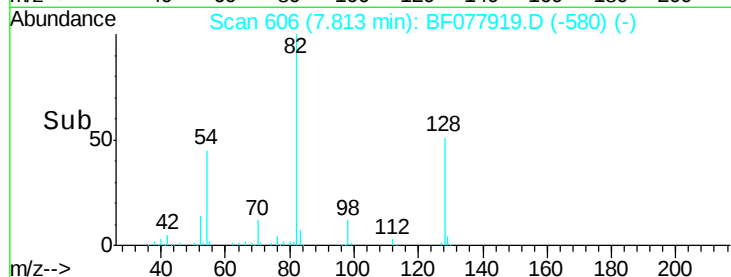
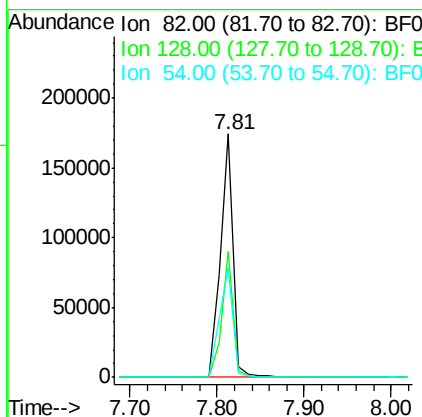
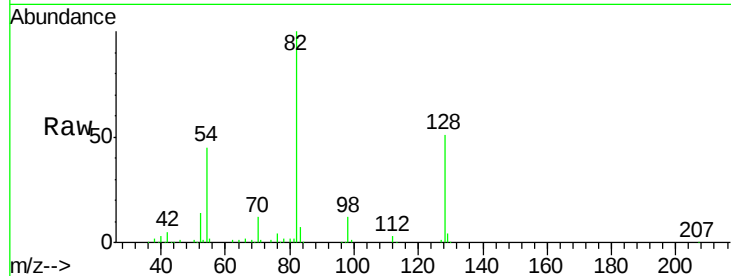




#23
 Nitrobenzene-d5
 Concen: 69.36 ng
 RT: 7.81 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF077919.D
 Acq: 24 Mar 2015 18:53

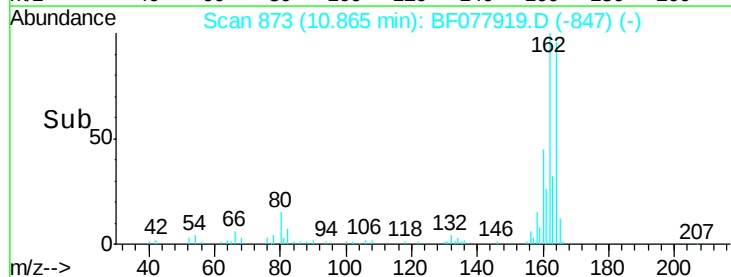
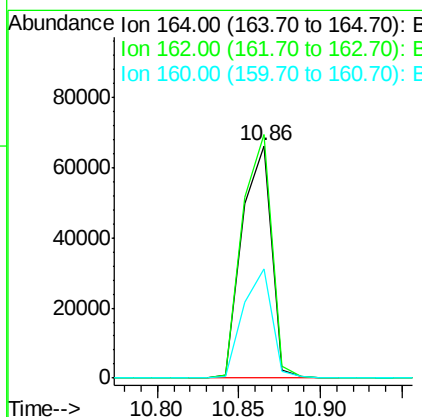
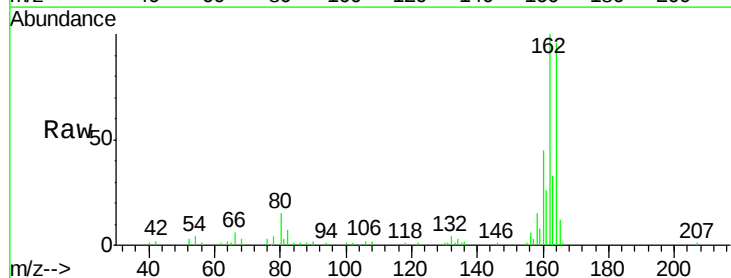
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-2

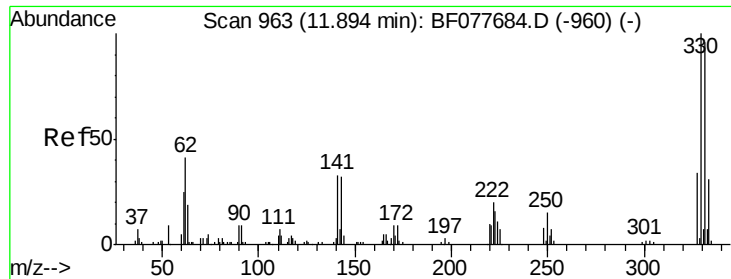
Tgt Ion: 82 Resp: 180184
 Ion Ratio Lower Upper
 82 100
 128 51.5 32.8 49.2#
 54 45.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF077919.D
 Acq: 24 Mar 2015 18:53

Tgt Ion: 164 Resp: 82174
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.4 123.6
 160 47.0 35.8 53.6

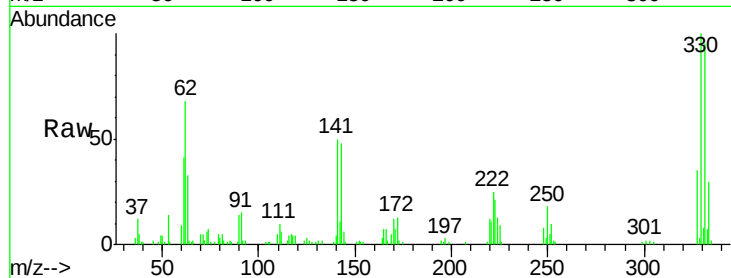




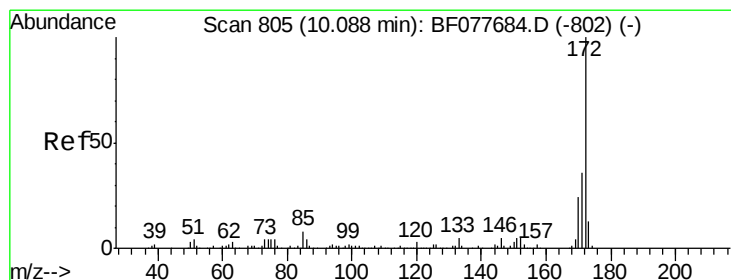
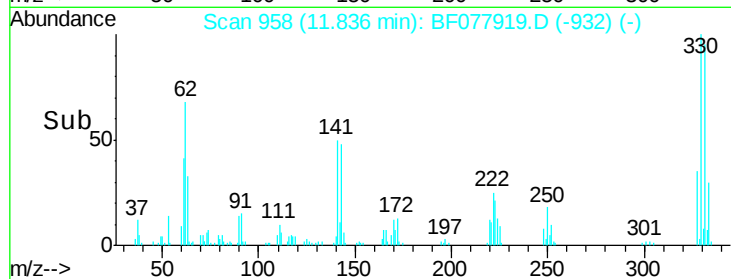
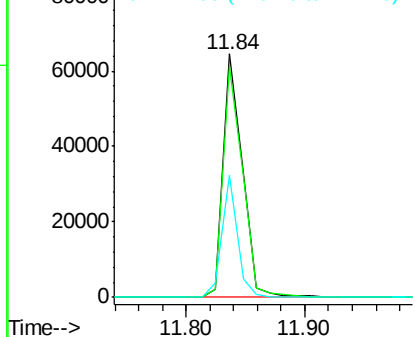
#41
 2,4,6-Tribromophenol
 Concen: 91.12 ng
 RT: 11.84 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF077919.D
 Acq: 24 Mar 2015 18:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-2

Tgt Ion:330 Resp: 71641
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 39.9 0.0 0.0#

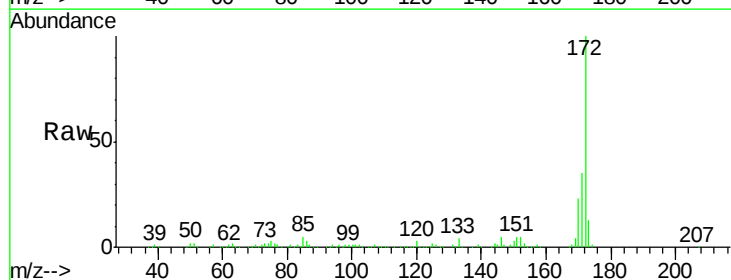


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

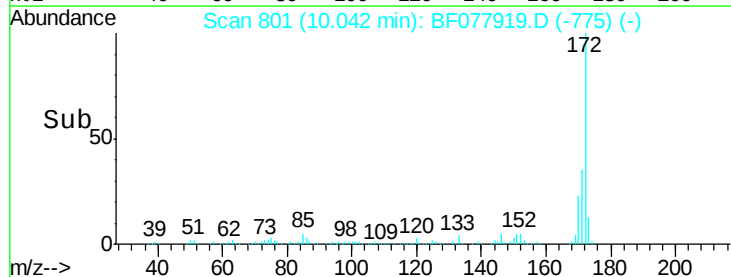
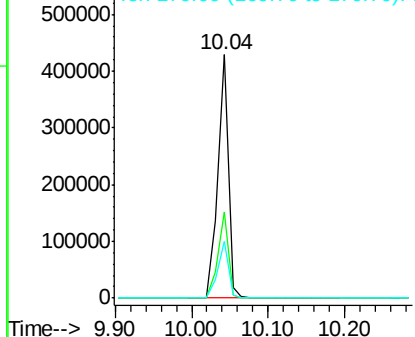


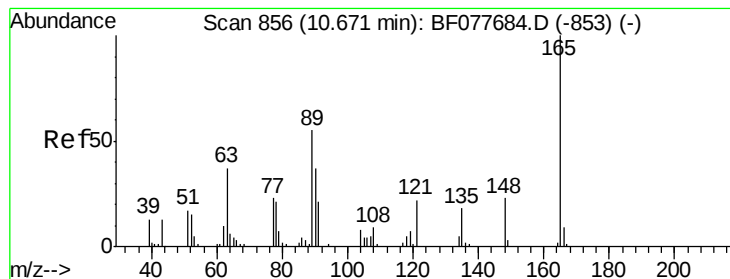
#44
 2-Fluorobiphenyl
 Concen: 72.79 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077919.D
 Acq: 24 Mar 2015 18:53

Tgt Ion:172 Resp: 407028
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.4 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: 7.80 ng

RT: 10.86 min Scan# 873

Delta R.T. 0.24 min

Lab File: BF077919.D

Acq: 24 Mar 2015 18:53

Instrument :

BNA_F

ClientSampled :

SB-1-2

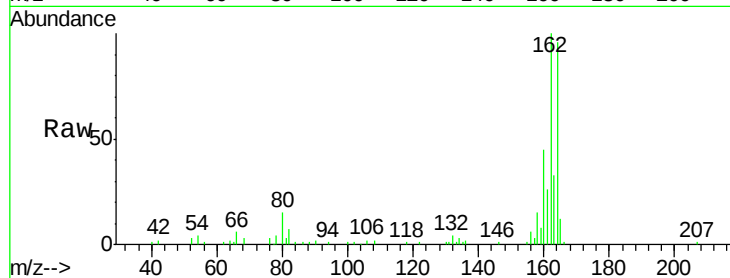
Tgt Ion:165 Resp: 9860

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

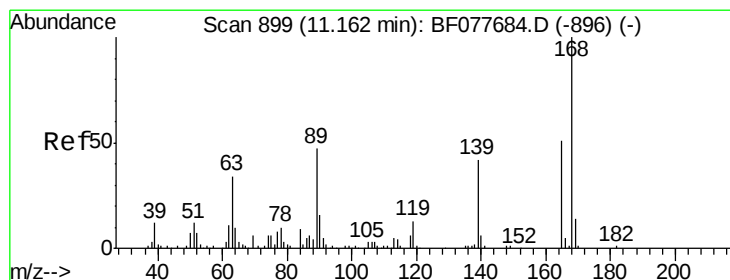
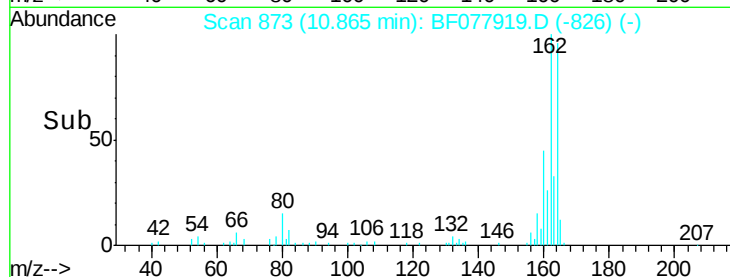
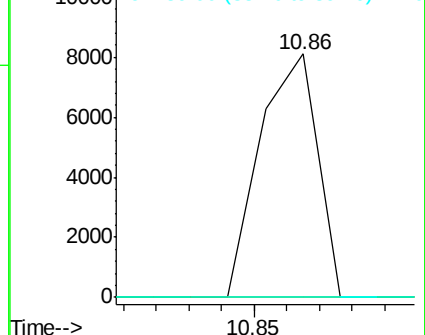
89 0.0 44.3 66.5#



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: 5.99 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.25 min

Lab File: BF077919.D

Acq: 24 Mar 2015 18:53

Tgt Ion:165 Resp: 9860

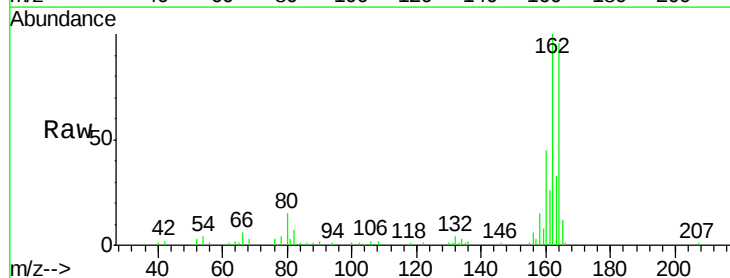
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

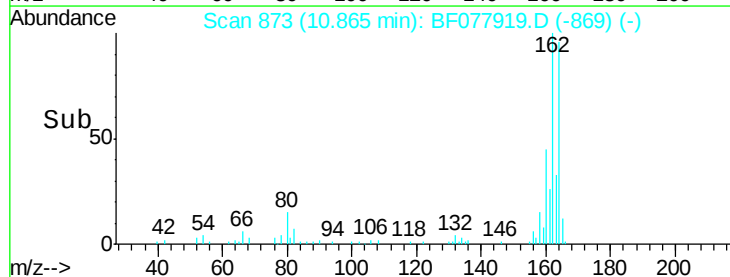
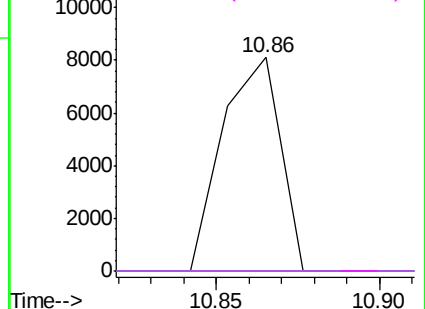


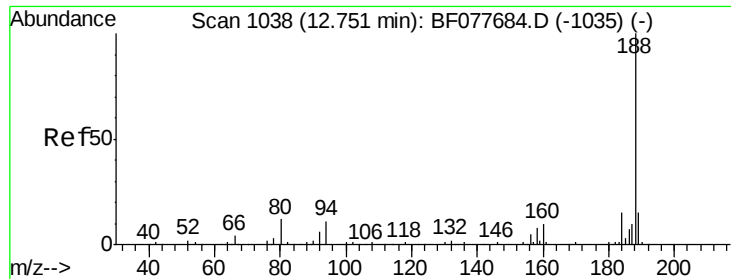
Abundance Ion 165.00 (164.70 to 165.70): E

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

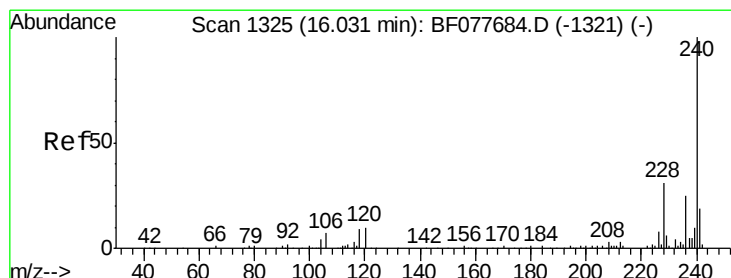
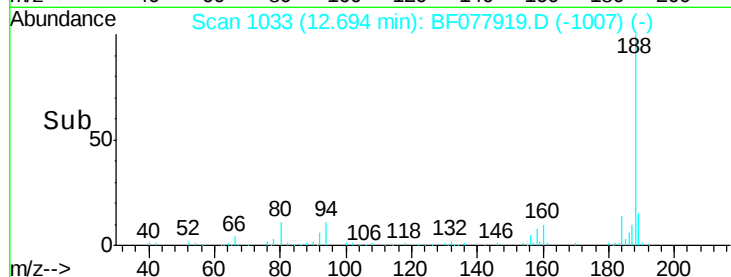
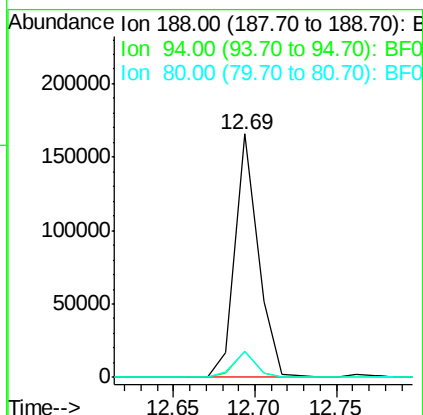
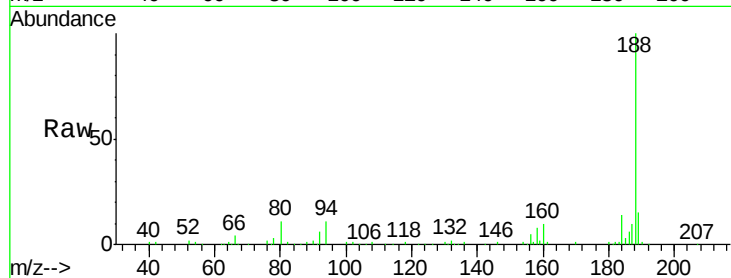




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF077919.D
Acq: 24 Mar 2015 18:53

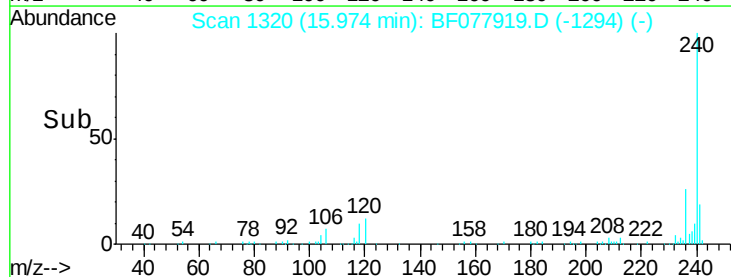
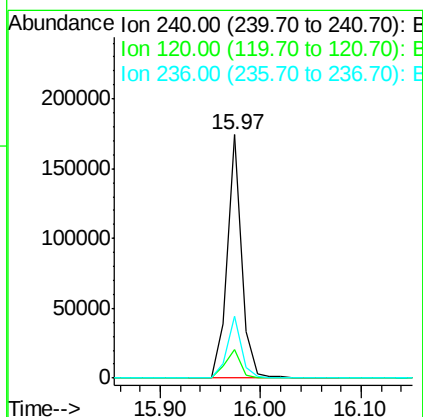
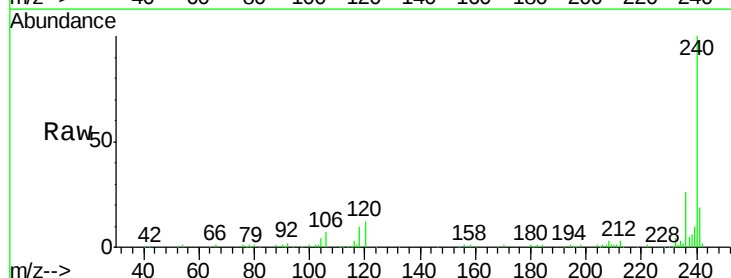
Instrument :
BNA_F
ClientSampleId :
SB-1-2

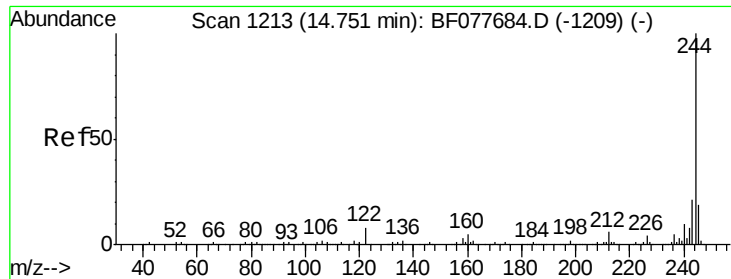
Tgt Ion:188 Resp: 163565
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 10.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF077919.D
Acq: 24 Mar 2015 18:53

Tgt Ion:240 Resp: 174015
Ion Ratio Lower Upper
240 100
120 11.7 8.2 12.2
236 25.6 20.0 30.0

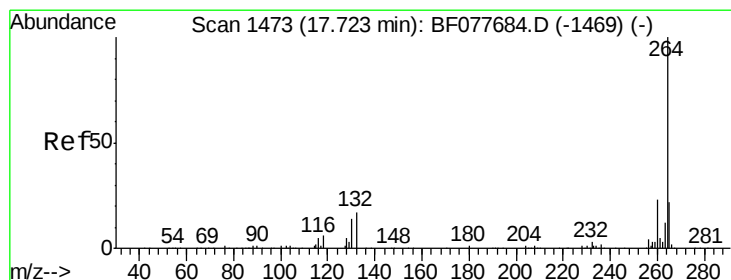
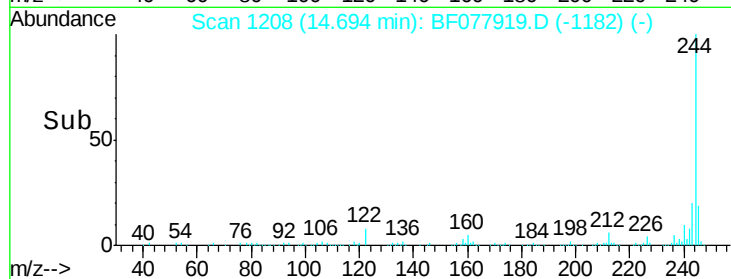
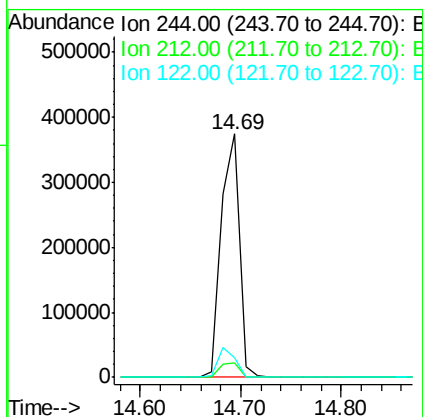
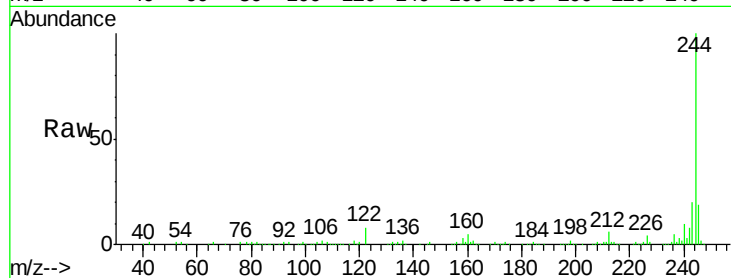




#78
 Terphenyl-d14
 Concen: 66.10 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077919.D
 Acq: 24 Mar 2015 18:53

Instrument :
 BNA_F
 ClientSampled :
 SB-1-2

Tgt Ion: 244 Resp: 470909
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.9 7.3
 122 7.9 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1472
 Delta R.T. 0.01 min
 Lab File: BF077919.D
 Acq: 24 Mar 2015 18:53

Tgt Ion: 264 Resp: 158821
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 20.5 17.3 25.9

