

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077935.D
 Acq On : 25 Mar 2015 4:35
 Operator : TP/IZ
 Sample : G1613-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-1

Quant Time: Mar 25 04:17:57 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 04:36:48 2015
 Response via : Initial Calibration

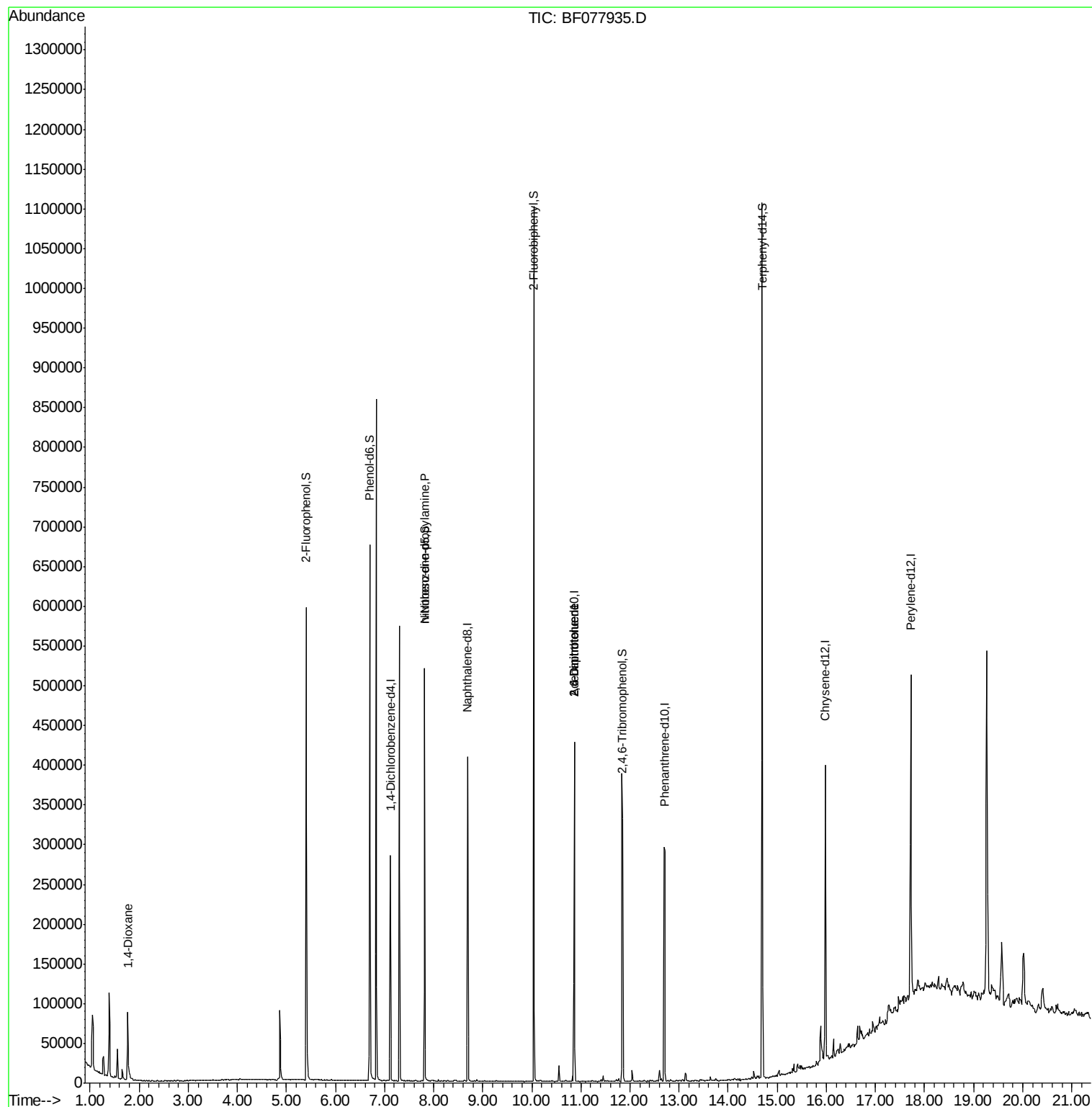
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	43618	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	182157	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	91203	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	171471	20.00	ng	0.01
75) Chrysene-d12	15.97	240	184818	20.00	ng	-0.01
86) Perylene-d12	17.72	264	179447	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	218855	87.58	ng	0.00
7) Phenol-d6	6.69	99	271658	87.99	ng	0.00
23) Nitrobenzene-d5	7.81	82	163588	58.87	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	63226	72.46	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	345024	55.60	ng	0.00
78) Terphenyl-d14	14.69	244	400700	52.96	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	3737	3.29	ng	# 100
19) n-Nitroso-di-n-propylamine	7.81	70	20658	9.67	ng	# 79
50) 2,6-Dinitrotoluene	10.87	165	11626	8.29	ng	# 24
56) 2,4-Dinitrotoluene	10.87	165	11627	6.36	ng	# 11

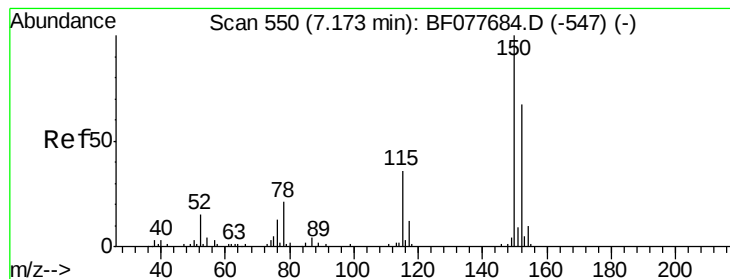
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077935.D

Acq: 25 Mar 2015 4:35

Instrument :

BNA_F

ClientSampleId :

SB-4-1

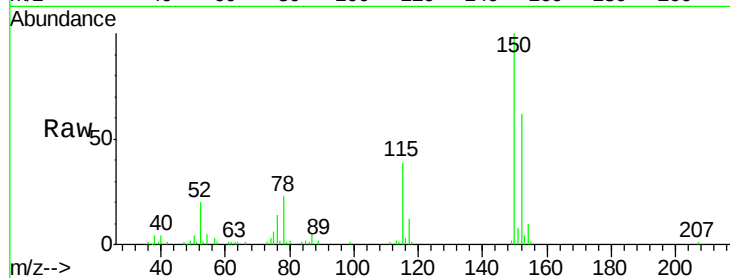
Tgt Ion:152 Resp: 43618

Ion Ratio Lower Upper

152 100

150 160.9 119.5 179.3

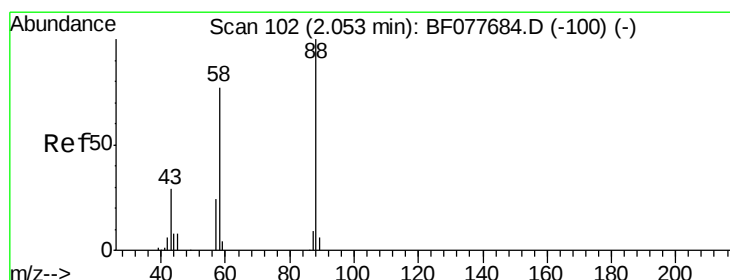
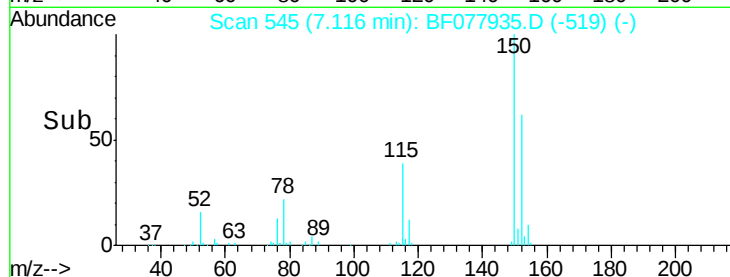
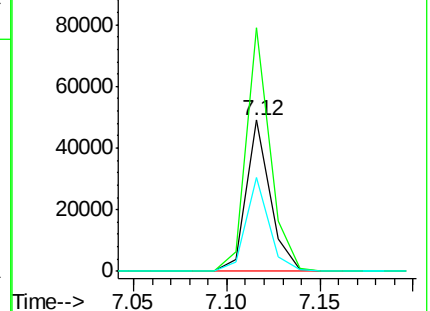
115 62.1 43.0 64.4



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: 3.29 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.22 min

Lab File: BF077935.D

Acq: 25 Mar 2015 4:35

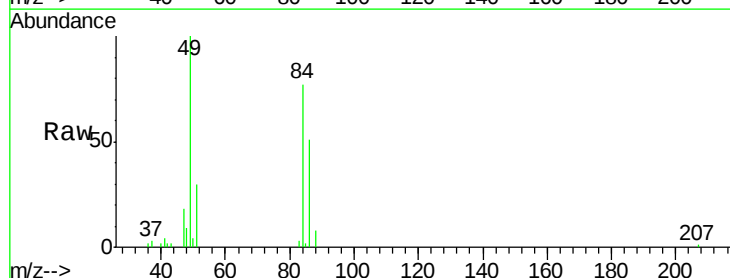
Tgt Ion: 88 Resp: 3737

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

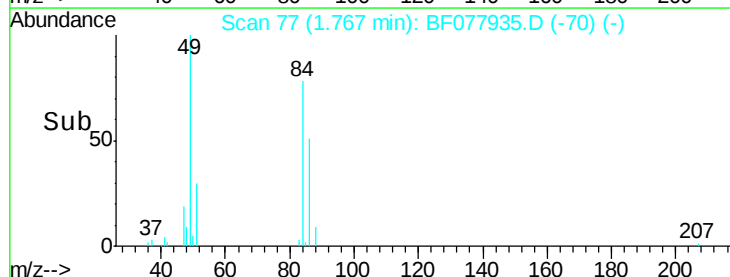
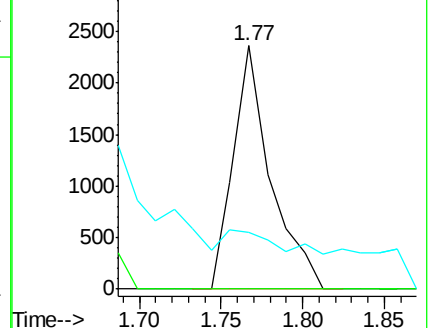
43 0.0 0.0 0.0

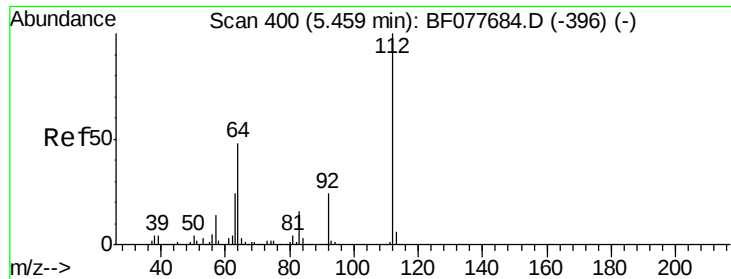


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 87.58 ng

RT: 5.40 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF077935.D

Acq: 25 Mar 2015 4:35

Instrument :

BNA_F

ClientSampleId :

SB-4-1

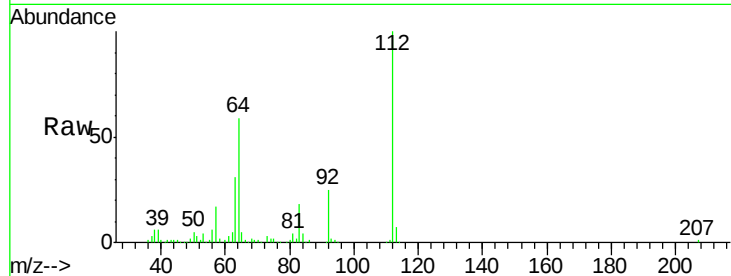
Tgt Ion: 112 Resp: 218855

Ion Ratio Lower Upper

112 100

64 59.2 38.6 57.8#

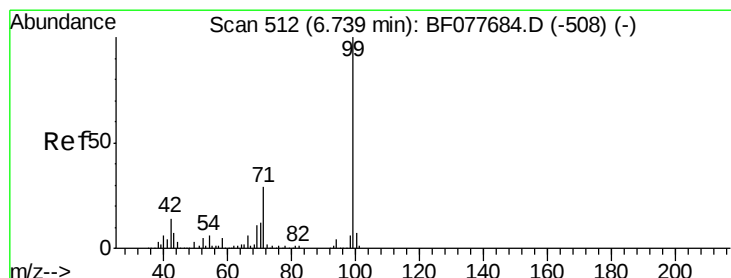
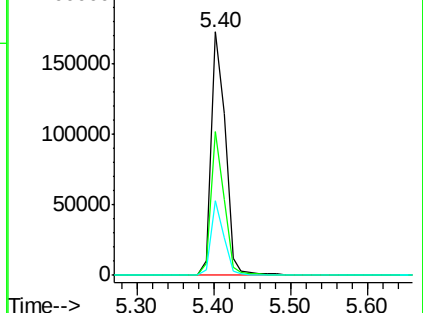
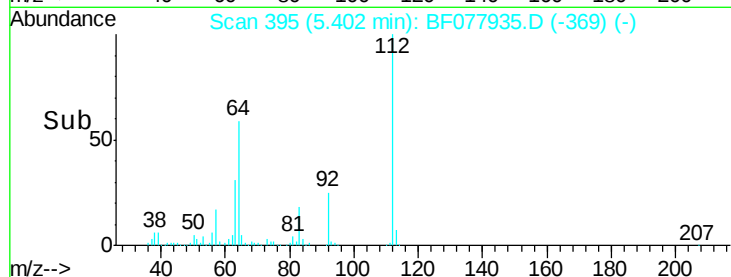
63 30.8 19.3 28.9#



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: 87.99 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077935.D

Acq: 25 Mar 2015 4:35

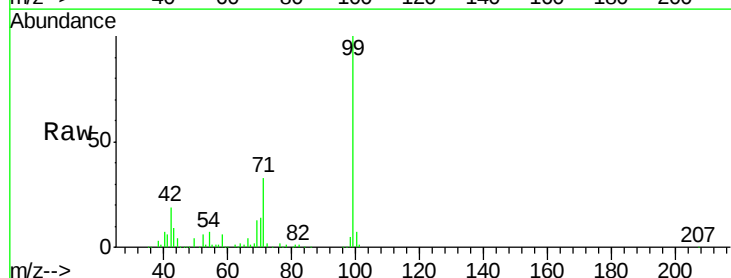
Tgt Ion: 99 Resp: 271658

Ion Ratio Lower Upper

99 100

42 18.5 11.0 16.4#

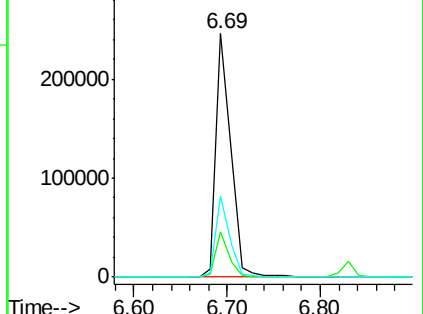
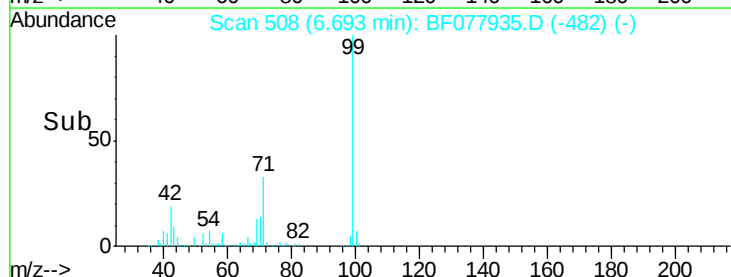
71 33.4 23.4 35.2

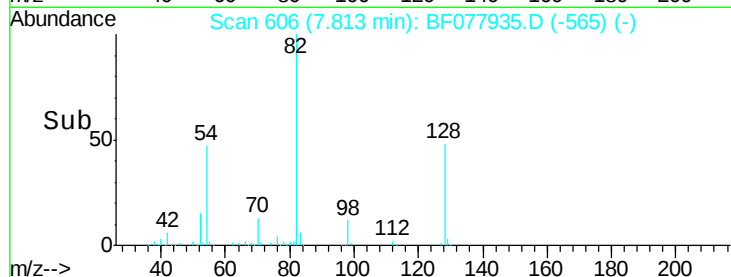
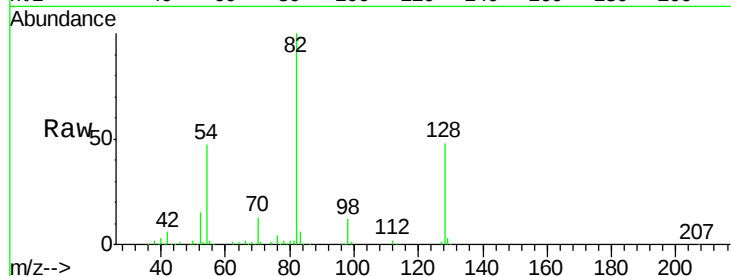
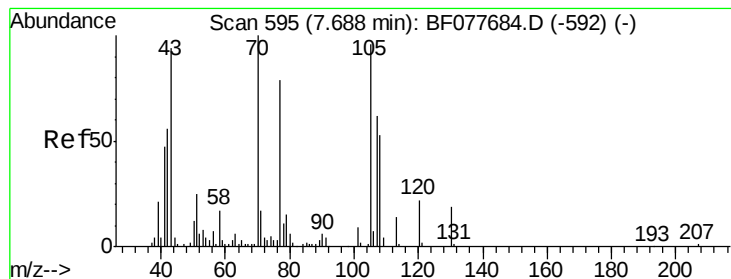


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 9.67 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077935.D

Acq: 25 Mar 2015 4:35

Instrument :

BNA_F

ClientSampleId :

SB-4-1

Tgt Ion: 70 Resp: 20658

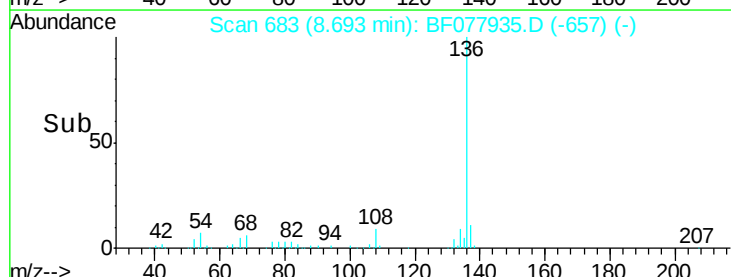
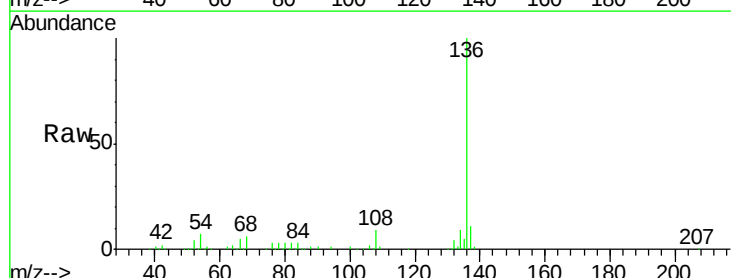
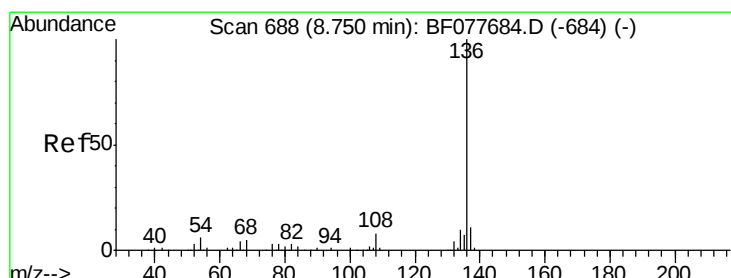
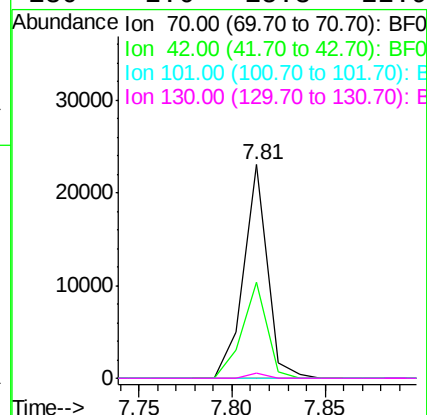
Ion Ratio Lower Upper

70 100

42 44.9 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: BF077935.D

Acq: 25 Mar 2015 4:35

Tgt Ion:136 Resp: 182157

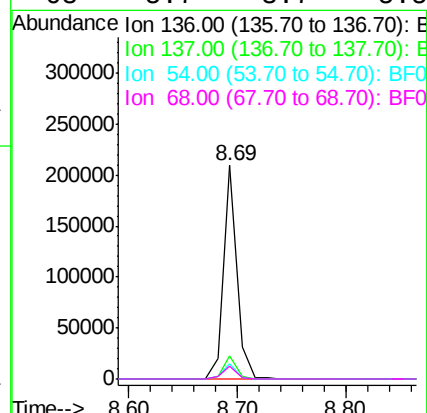
Ion Ratio Lower Upper

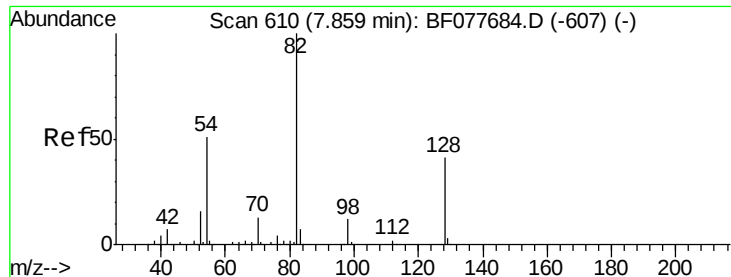
136 100

137 11.0 8.7 13.1

54 7.1 4.6 6.8#

68 5.7 3.7 5.5#

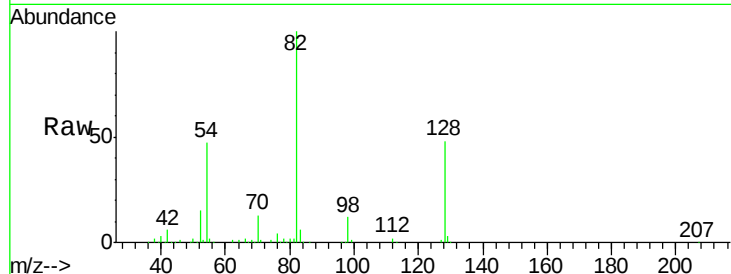




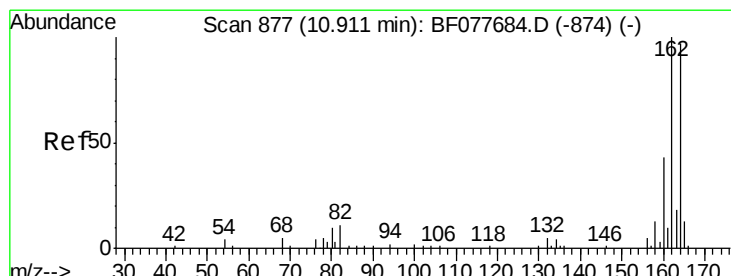
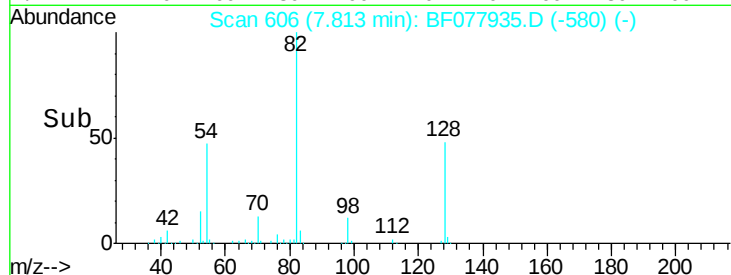
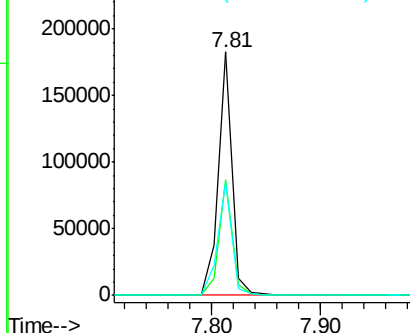
#23
Nitrobenzene-d5
Concen: 58.87 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF077935.D
Acq: 25 Mar 2015 4:35

Instrument :
BNA_F
ClientSampled :
SB-4-1

Tgt Ion: 82 Resp: 163588
Ion Ratio Lower Upper
82 100
128 47.7 32.8 49.2
54 46.5 40.6 60.8

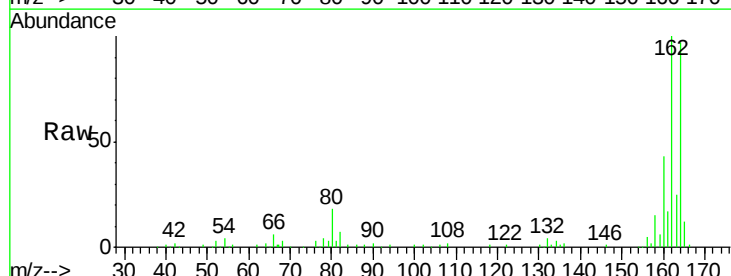


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

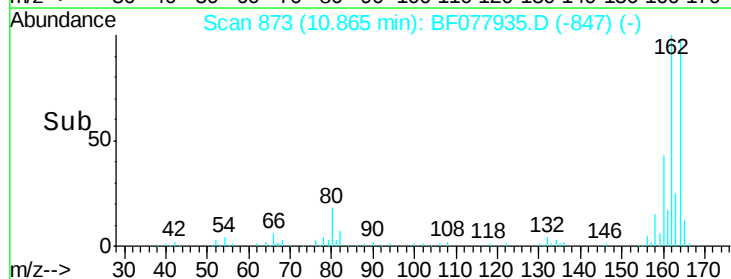
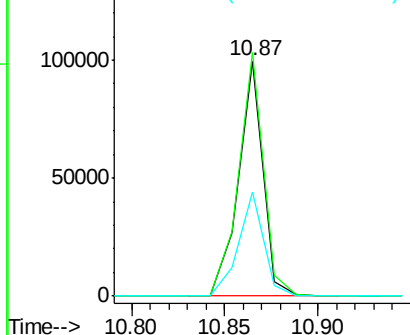


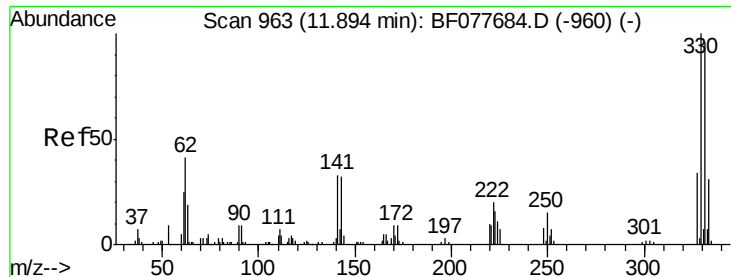
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077935.D
Acq: 25 Mar 2015 4:35

Tgt Ion: 164 Resp: 91203
Ion Ratio Lower Upper
164 100
162 103.6 82.4 123.6
160 44.3 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

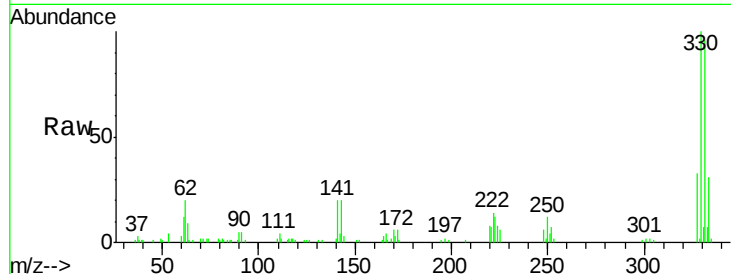




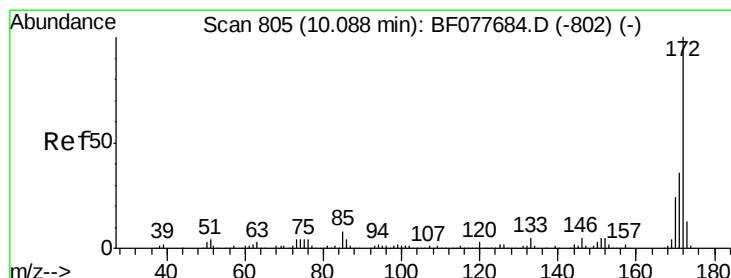
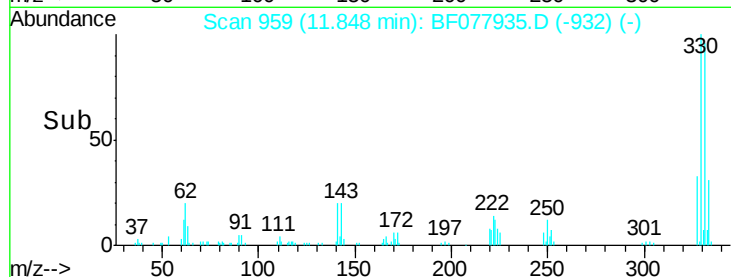
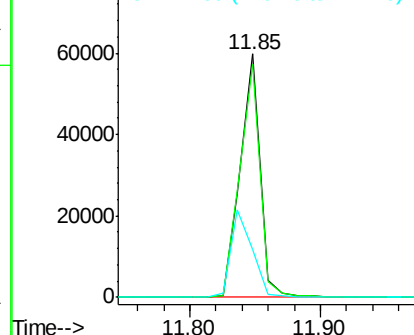
#41
 2,4,6-Tribromophenol
 Concen: 72.46 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: BF077935.D
 Acq: 25 Mar 2015 4:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	38.6	0.0	0.0#

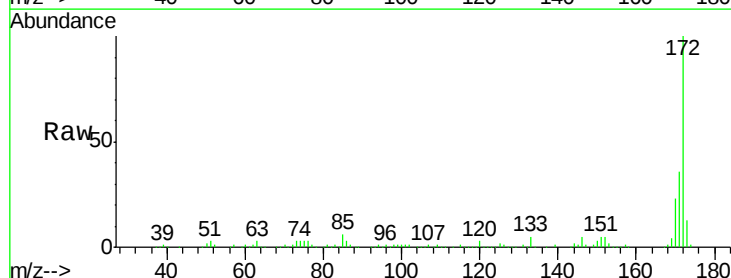


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

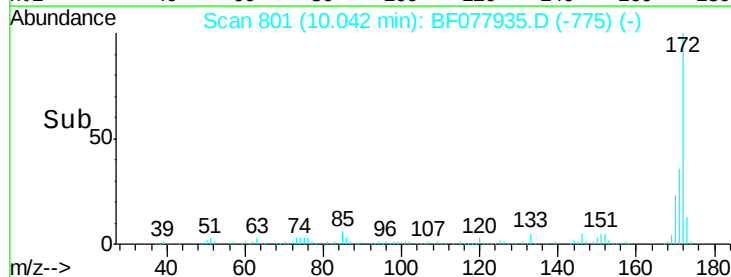
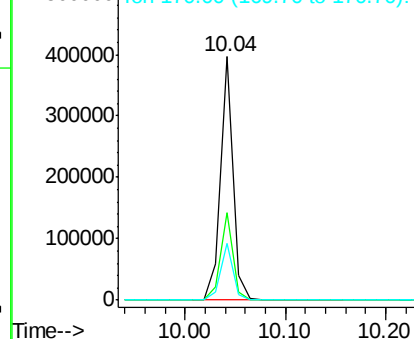


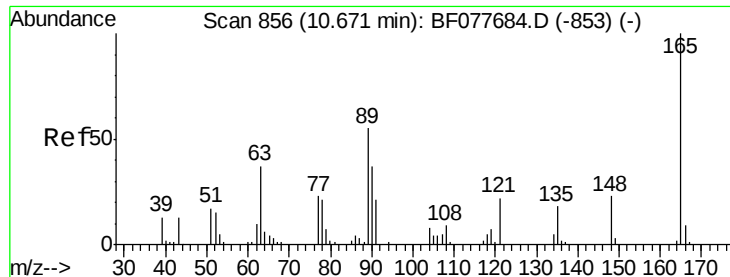
#44
 2-Fluorobiphenyl
 Concen: 55.60 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077935.D
 Acq: 25 Mar 2015 4:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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

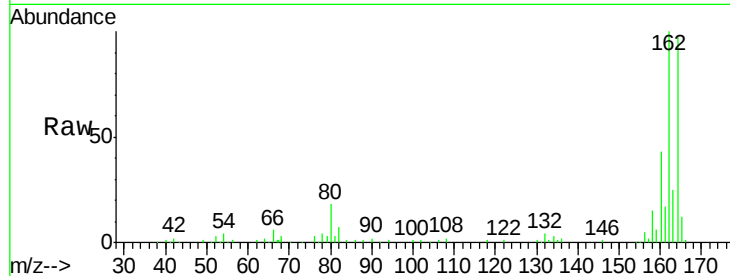




#50
 2,6-Dinitrotoluene
 Concen: 8.29 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.24 min
 Lab File: BF077935.D
 Acq: 25 Mar 2015 4:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-1

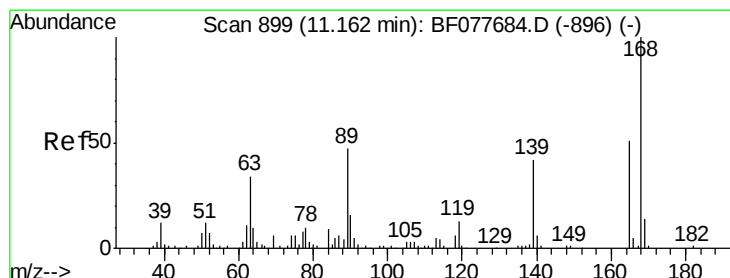
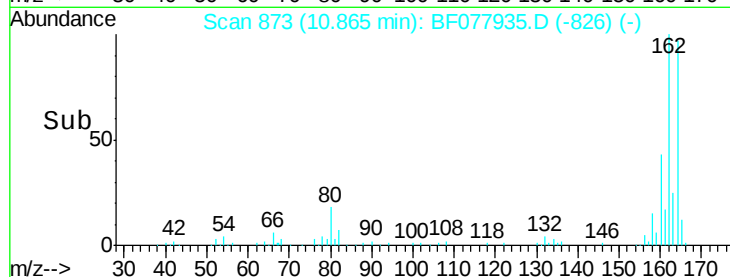
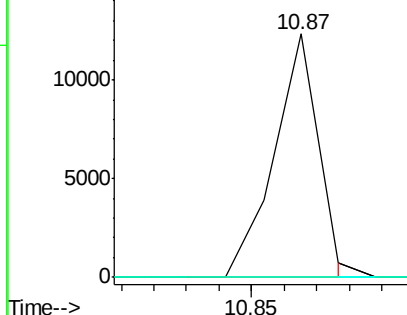
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

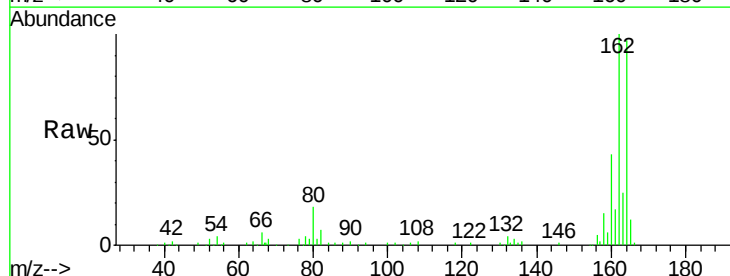
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 10.87 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077935.D
 Acq: 25 Mar 2015 4:35

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#

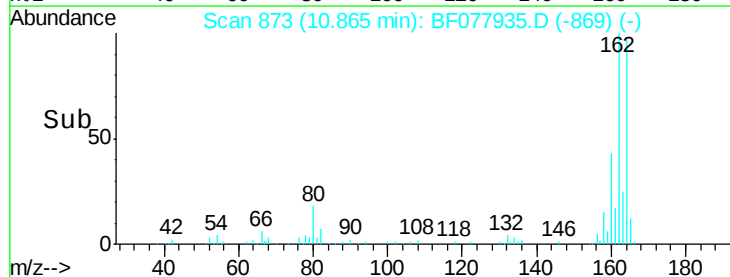
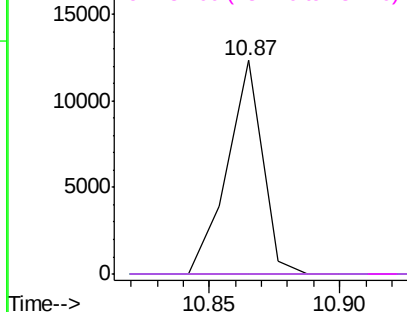


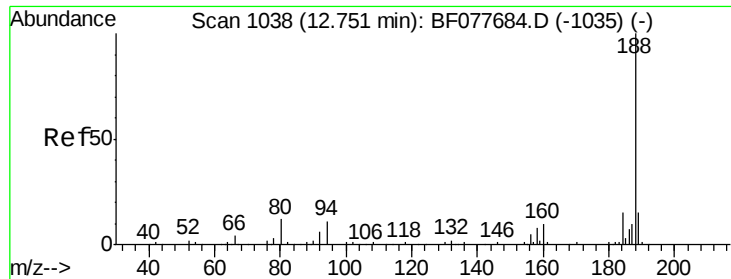
Abundance Ion 165.00 (164.70 to 165.70): E

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

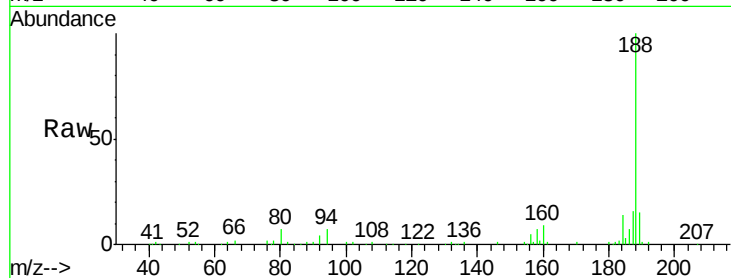




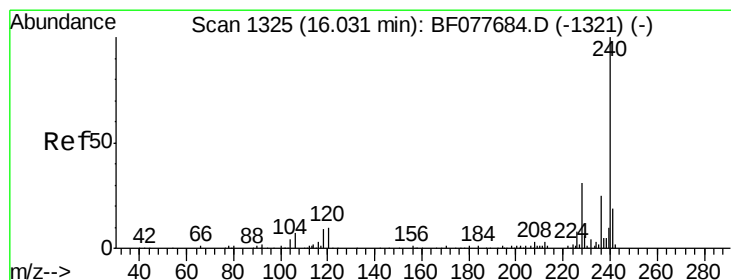
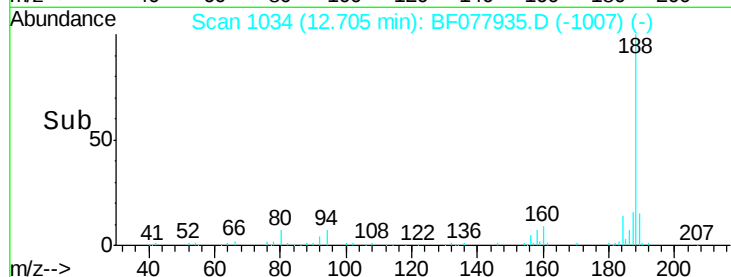
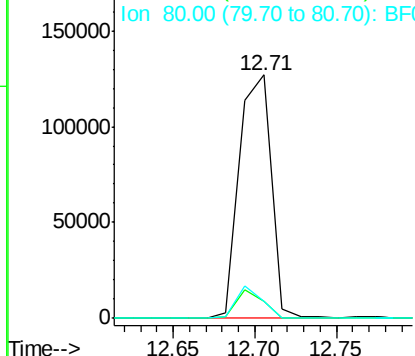
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF077935.D
Acq: 25 Mar 2015 4:35

Instrument :
BNA_F
ClientSampleId :
SB-4-1

Tgt Ion:188 Resp: 171471
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 6.8 9.3 13.9#

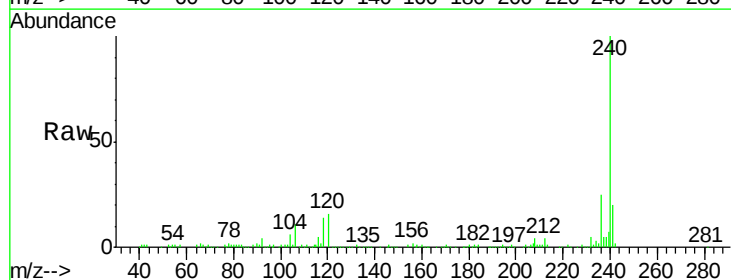


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

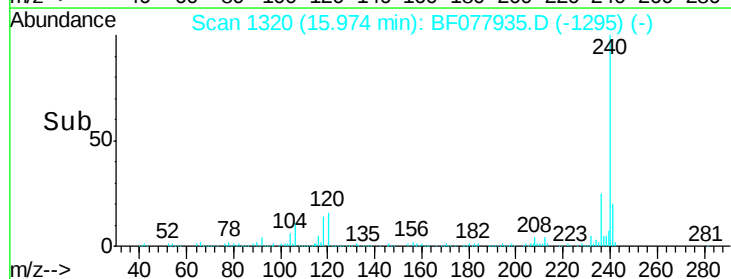
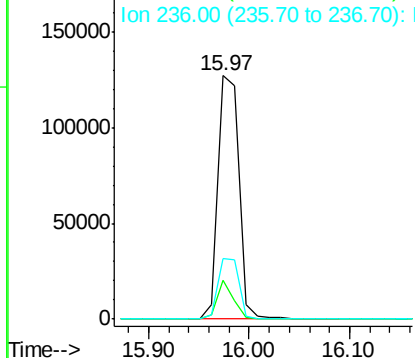


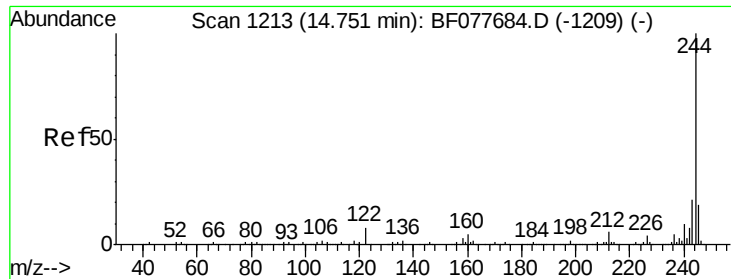
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF077935.D
Acq: 25 Mar 2015 4:35

Tgt Ion:240 Resp: 184818
Ion Ratio Lower Upper
240 100
120 15.9 8.2 12.2#
236 25.0 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

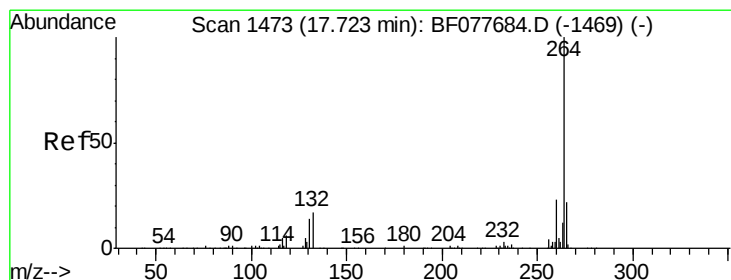
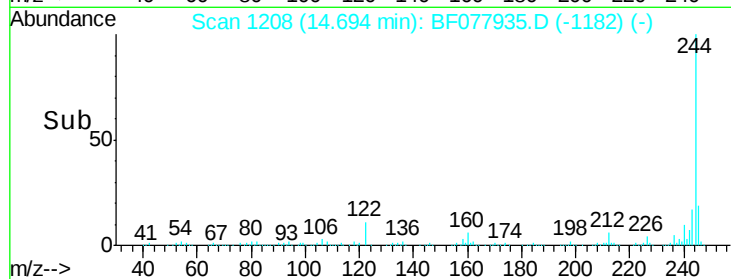
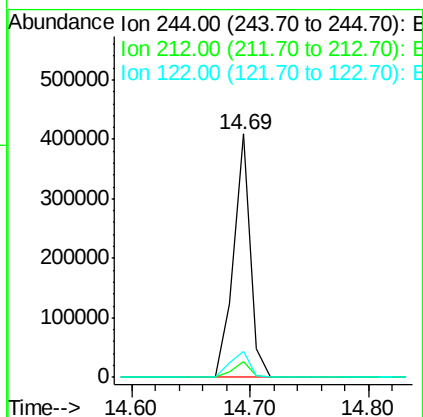
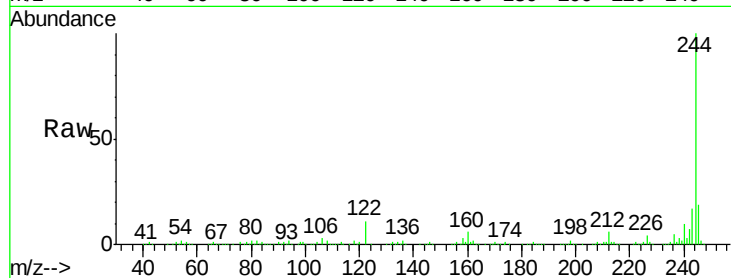




#78
 Terphenyl-d14
 Concen: 52.96 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077935.D
 Acq: 25 Mar 2015 4:35

Instrument :
 BNA_F
 ClientSampled :
 SB-4-1

Tgt Ion:244 Resp: 400700
 Ion Ratio Lower Upper
 244 100
 212 6.4 4.9 7.3
 122 10.6 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: BF077935.D
 Acq: 25 Mar 2015 4:35

Tgt Ion:264 Resp: 179447
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 21.6 17.3 25.9

