

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077930.D
 Acq On : 25 Mar 2015 2:12
 Operator : TP/IZ
 Sample : G1613-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13

Quant Time: Mar 25 03:47:45 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

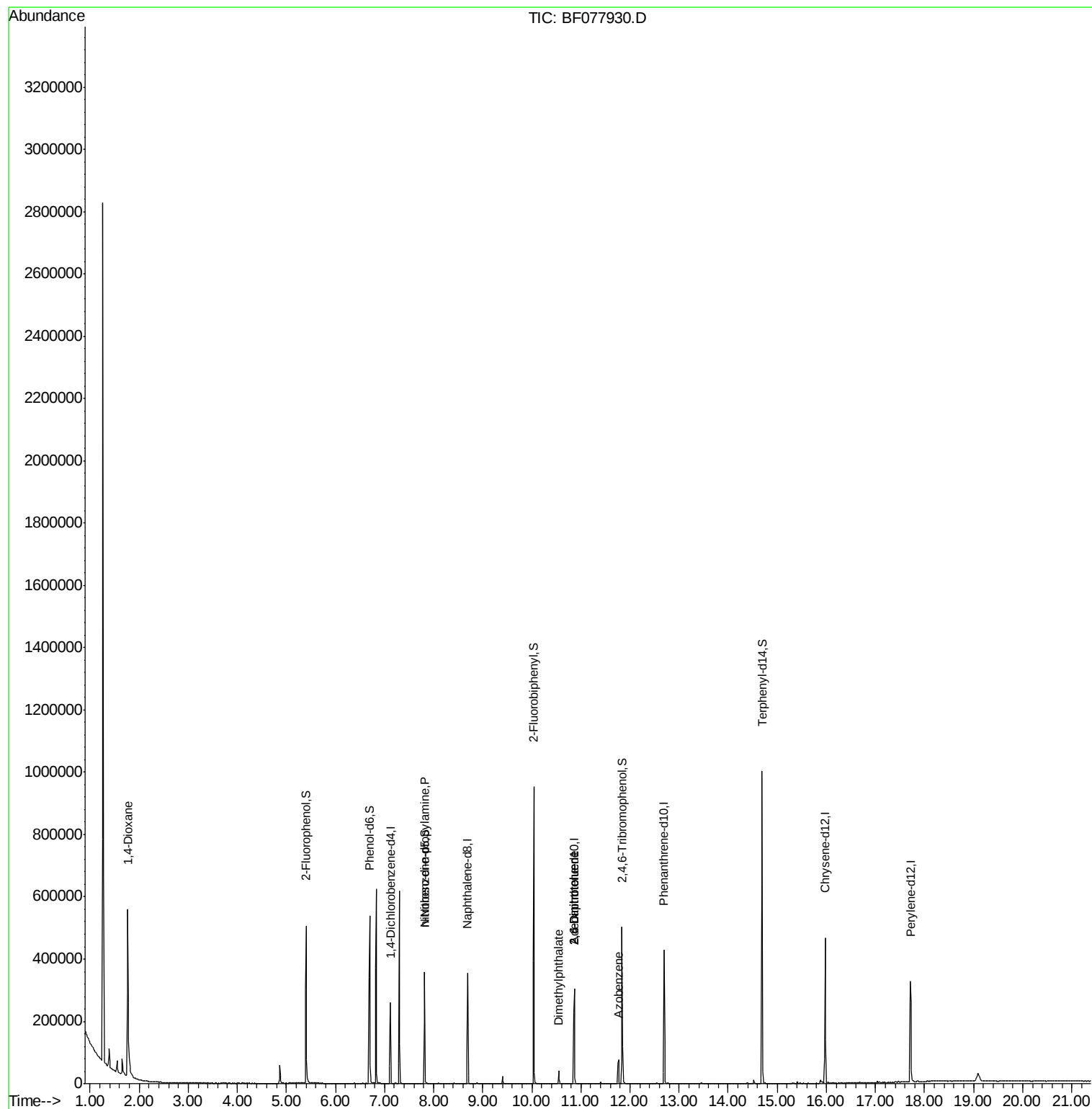
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	42025	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	173438	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	85145	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	176303	20.00	ng	0.00
75) Chrysene-d12	15.97	240	187916	20.00	ng	-0.01
86) Perylene-d12	17.71	264	177407	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	195317	81.13	ng	0.00
7) Phenol-d6	6.69	99	254966	85.71	ng	0.00
23) Nitrobenzene-d5	7.81	82	141367	53.43	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	58839	72.23	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	347012	59.89	ng	0.00
78) Terphenyl-d14	14.69	244	423833	55.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	29103	26.62	ng	# 100
19) n-Nitroso-di-n-propylamine	7.81	70	17683	8.59	ng	# 77
49) Dimethylphthalate	10.54	163	21046	3.33	ng	# 100
50) 2,6-Dinitrotoluene	10.86	165	10545	8.06	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	10549	6.18	ng	# 11
62) Azobenzene	11.76	77	21550	3.66	ng	# 1
76) Benzidine	14.40	184	1549	Below Cal		# 68

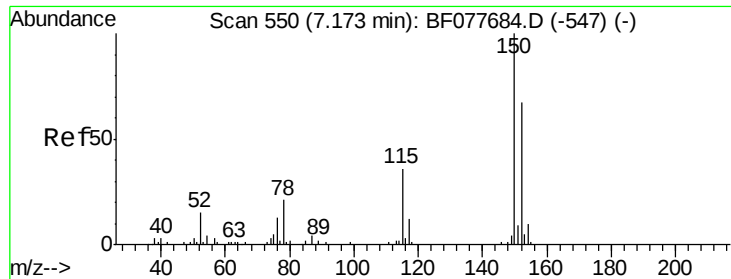
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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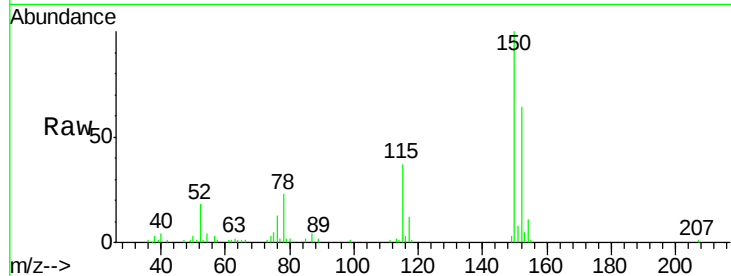


#1

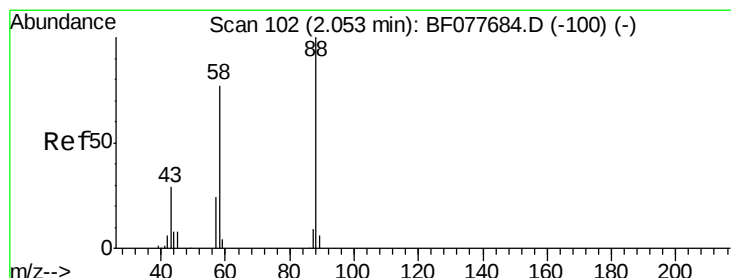
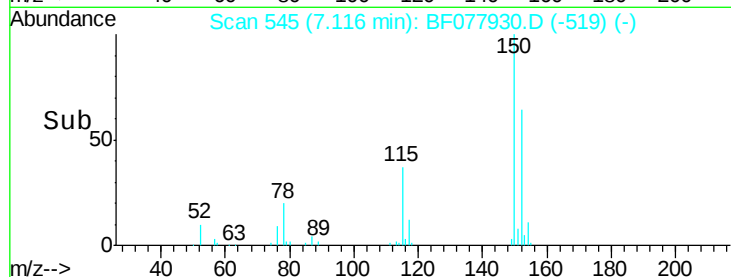
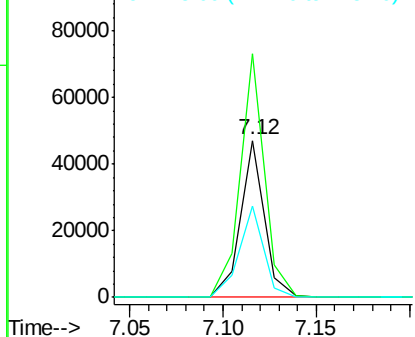
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077930.D
Acq: 25 Mar 2015 2:12

Instrument :
BNA_F
ClientSampleId :
SB-13

Tgt Ion:152 Resp: 42025
Ion Ratio Lower Upper
152 100
150 155.4 119.5 179.3
115 57.9 43.0 64.4



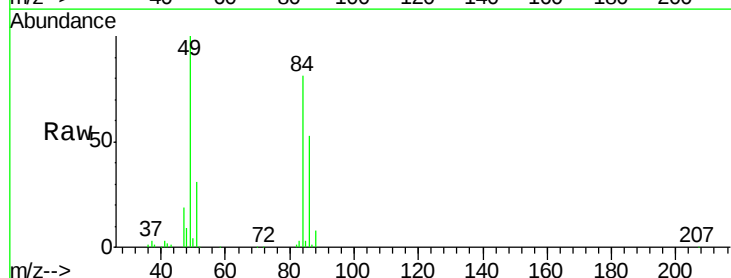
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



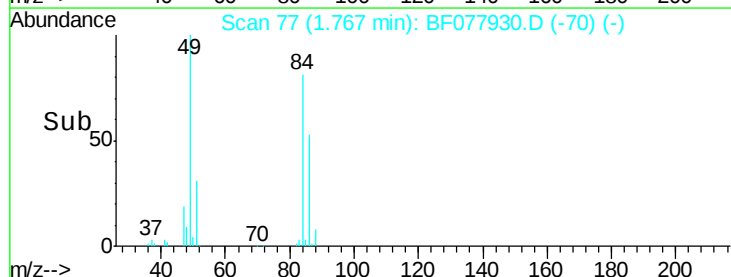
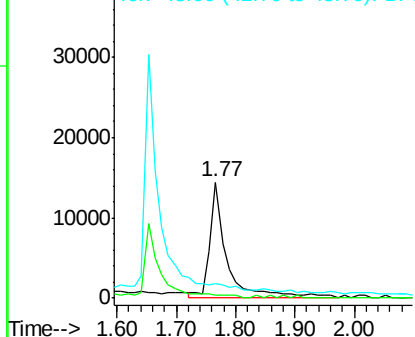
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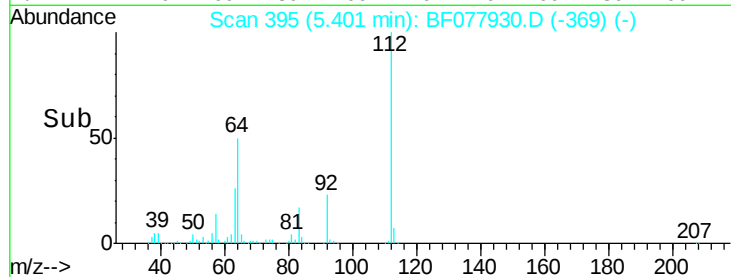
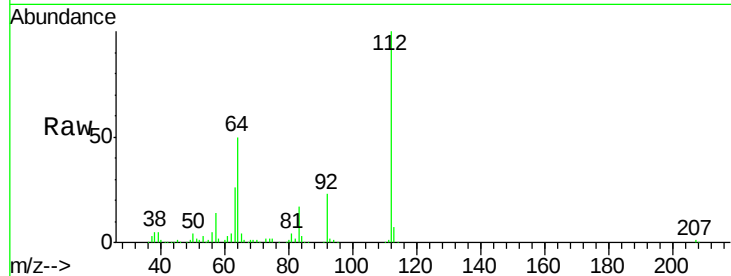
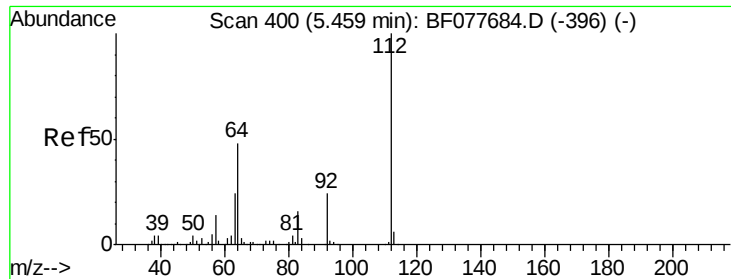
1,4-Dioxane
Concen: 26.62 ng
RT: 1.77 min Scan# 77
Delta R.T. -0.22 min
Lab File: BF077930.D
Acq: 25 Mar 2015 2:12

Tgt Ion: 88 Resp: 29103
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: 81.13 ng

RT: 5.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF077930.D

Acq: 25 Mar 2015 2:12

Instrument :

BNA_F

ClientSampled :

SB-13

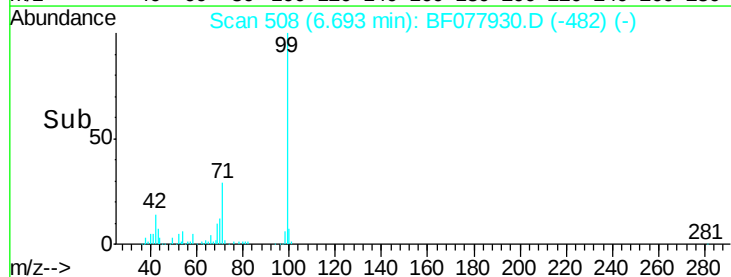
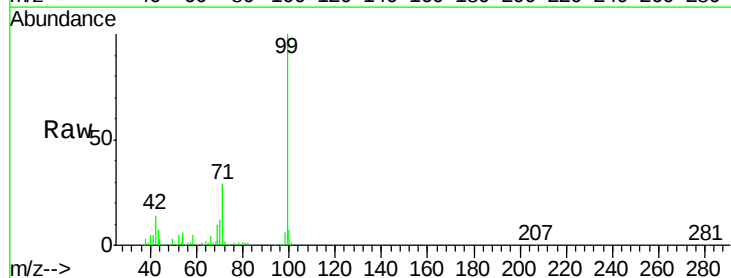
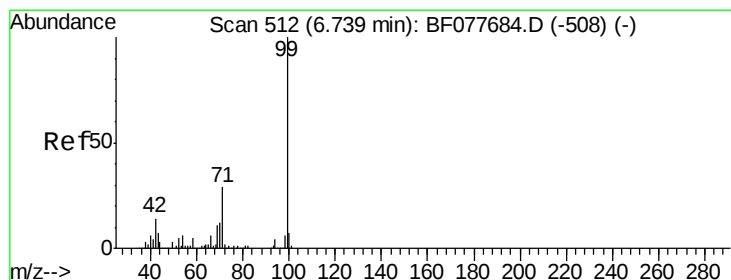
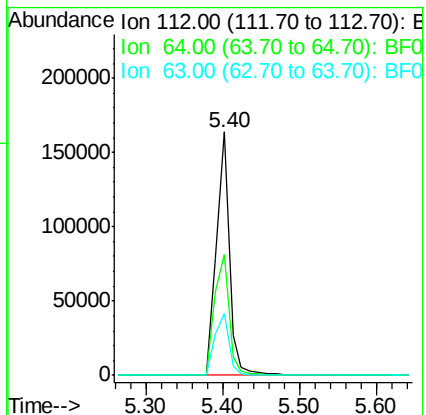
Tgt Ion: 112 Resp: 195317

Ion Ratio Lower Upper

112 100

64 49.7 38.6 57.8

63 25.6 19.3 28.9



#7

Phenol-d6

Concen: 85.71 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077930.D

Acq: 25 Mar 2015 2:12

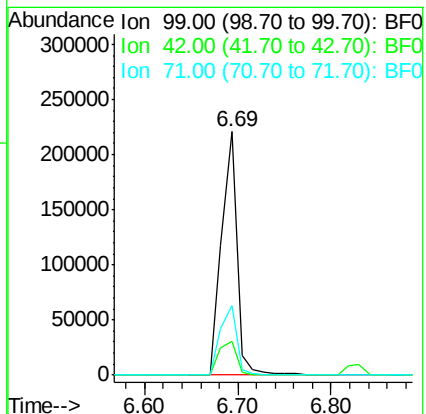
Tgt Ion: 99 Resp: 254966

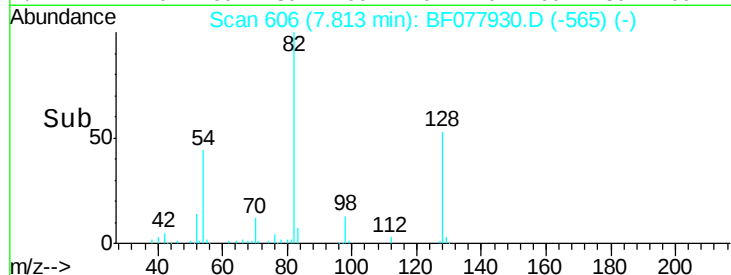
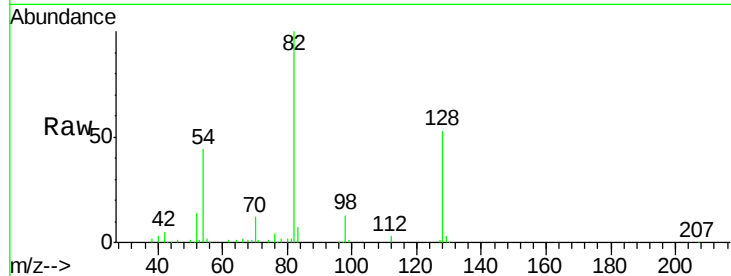
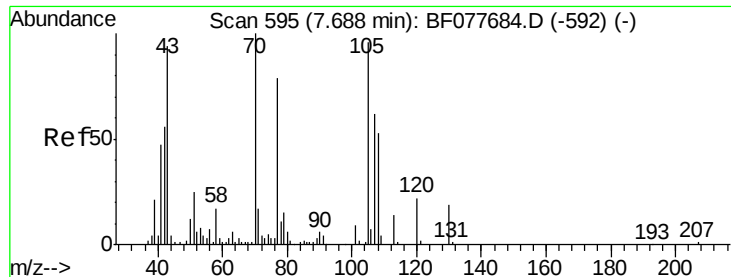
Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.4

71 28.7 23.4 35.2

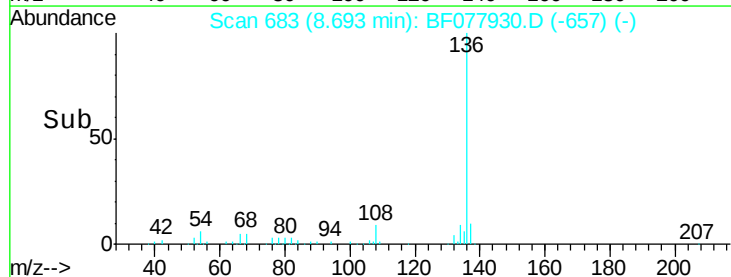
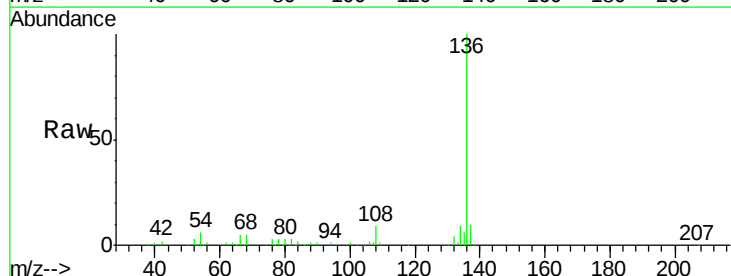
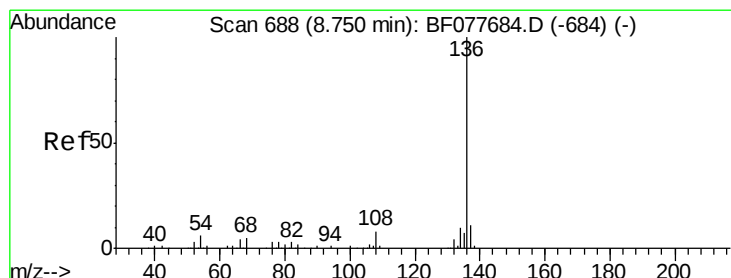
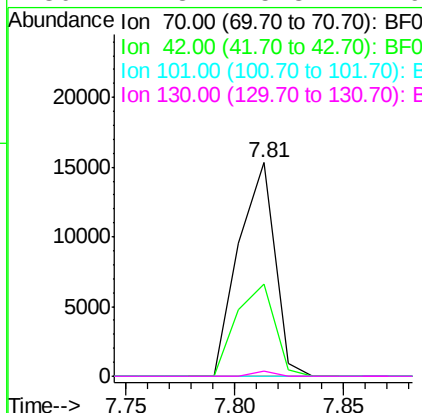




#19
n-Nitroso-di-n-propylamine
Concen: 8.59 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.17 min
Lab File: BF077930.D
Acq: 25 Mar 2015 2:12

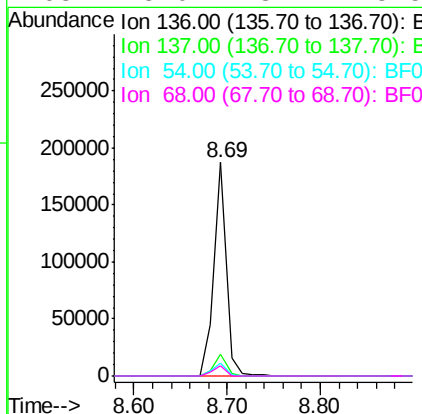
Instrument :
BNA_F
ClientSampleId :
SB-13

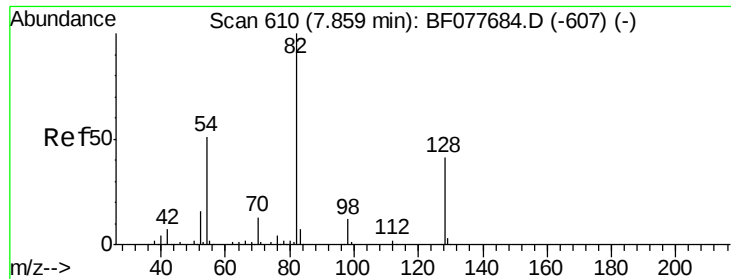
Tgt Ion: 70 Resp: 17683
Ion Ratio Lower Upper
70 100
42 43.0 44.5 66.7#
101 0.0 7.4 11.2#
130 2.3 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077930.D
Acq: 25 Mar 2015 2:12

Tgt Ion: 136 Resp: 173438
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 6.2 4.6 6.8
68 5.0 3.7 5.5

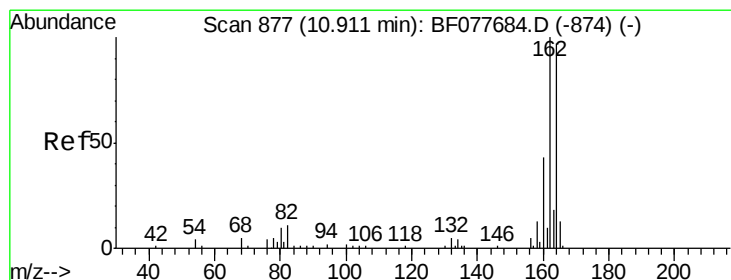
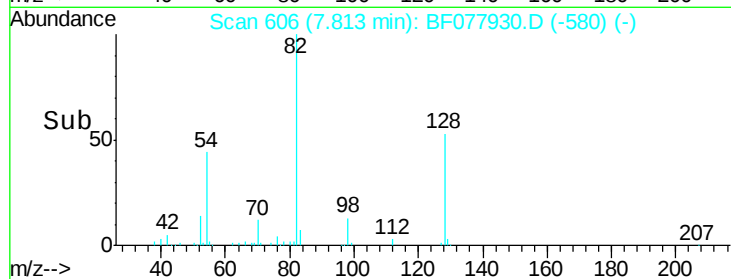
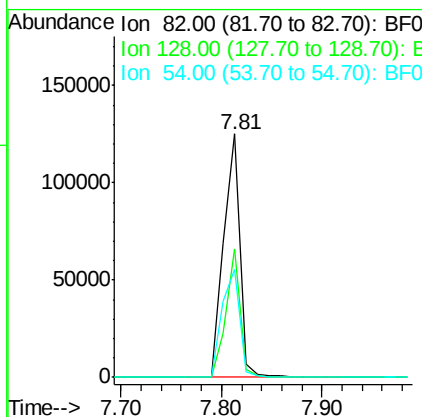
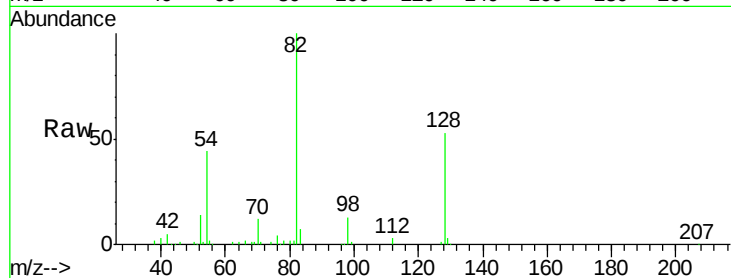




#23
 Nitrobenzene-d5
 Concen: 53.43 ng
 RT: 7.81 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF077930.D
 Acq: 25 Mar 2015 2:12

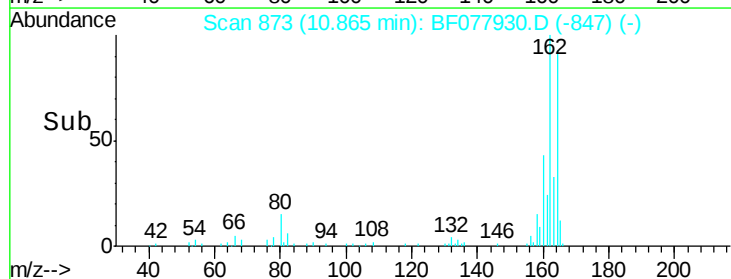
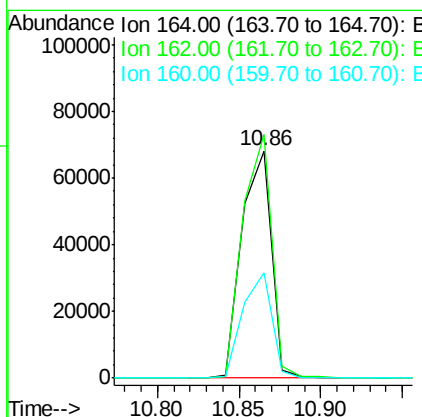
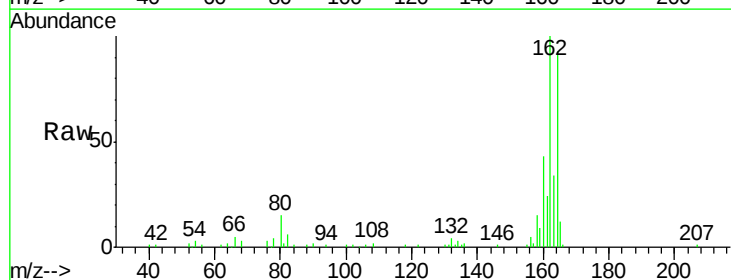
Instrument :
 BNA_F
 ClientSampleId :
 SB-13

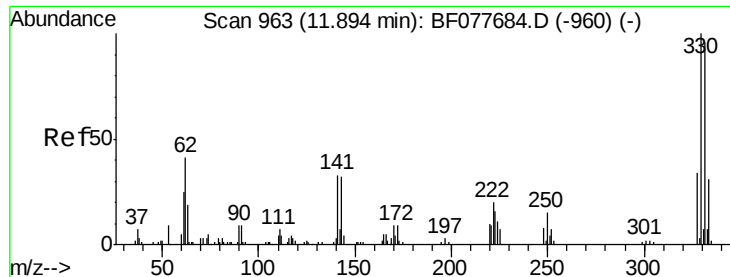
Tgt Ion: 82 Resp: 141367
 Ion Ratio Lower Upper
 82 100
 128 52.9 32.8 49.2#
 54 44.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF077930.D
 Acq: 25 Mar 2015 2:12

Tgt Ion: 164 Resp: 85145
 Ion Ratio Lower Upper
 164 100
 162 107.1 82.4 123.6
 160 46.5 35.8 53.6

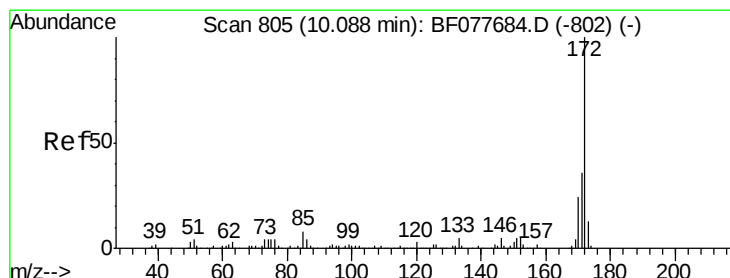
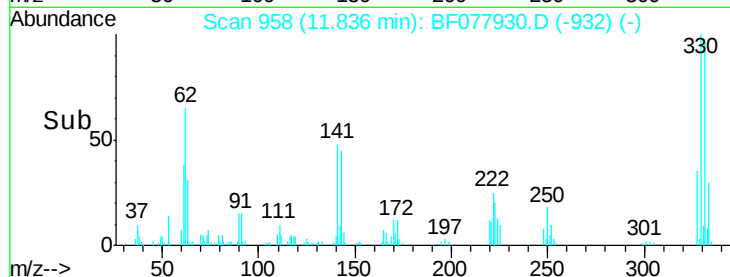
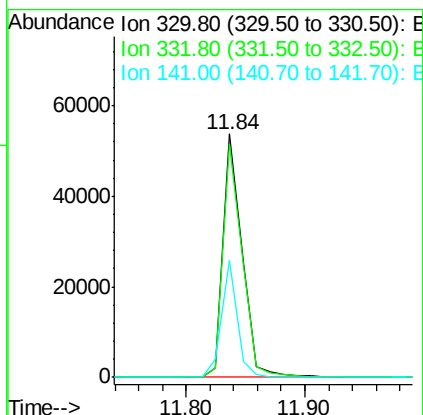
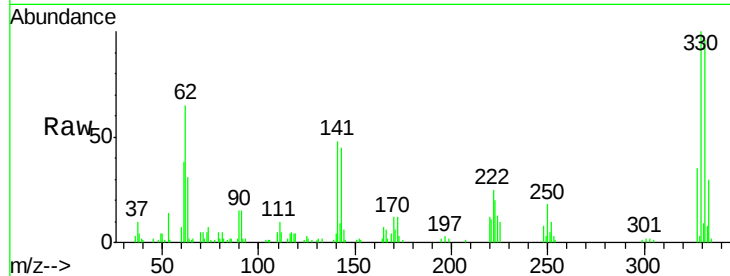




#41
 2,4,6-Tribromophenol
 Concen: 72.23 ng
 RT: 11.84 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF077930.D
 Acq: 25 Mar 2015 2:12

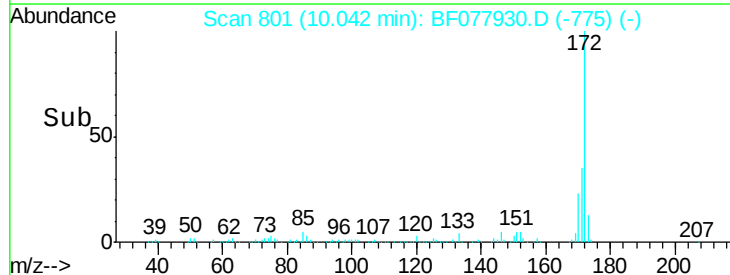
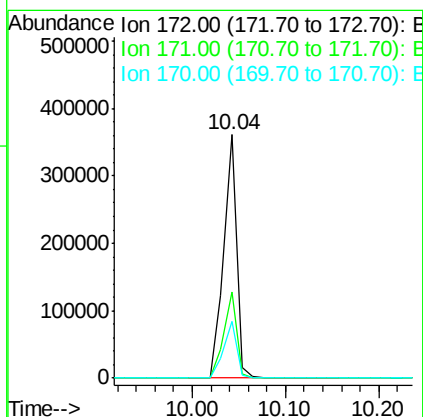
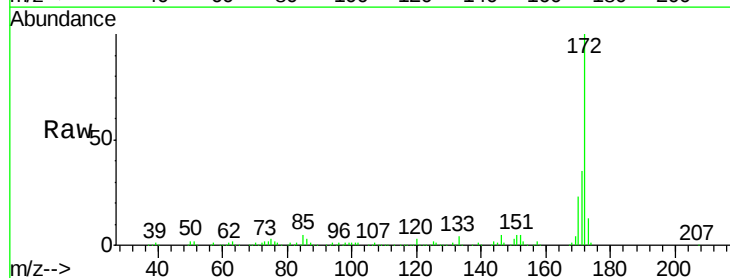
Instrument :
 BNA_F
 ClientSampleId :
 SB-13

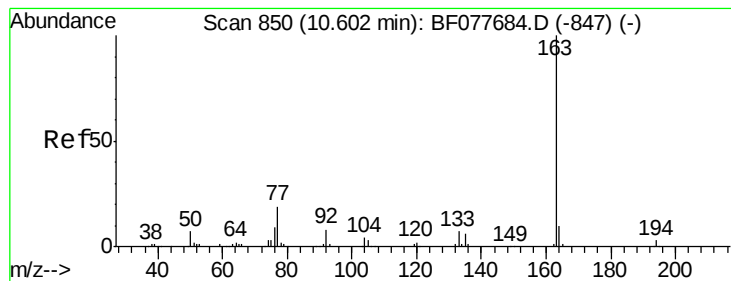
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	39.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 59.89 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077930.D
 Acq: 25 Mar 2015 2:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.2	18.8	28.2





#49

Dimethylphthalate

Concen: 3.33 ng

RT: 10.54 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF077930.D

Acq: 25 Mar 2015 2:12

Instrument :

BNA_F

ClientSampleId :

SB-13

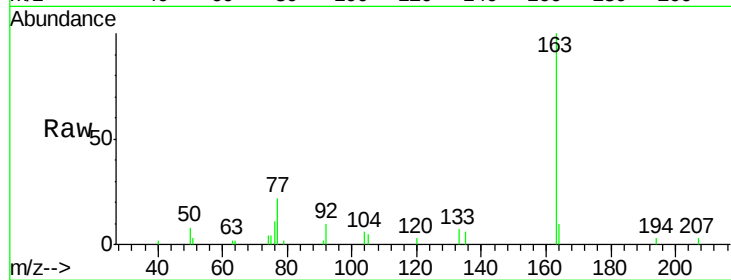
Tgt Ion:163 Resp: 21046

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

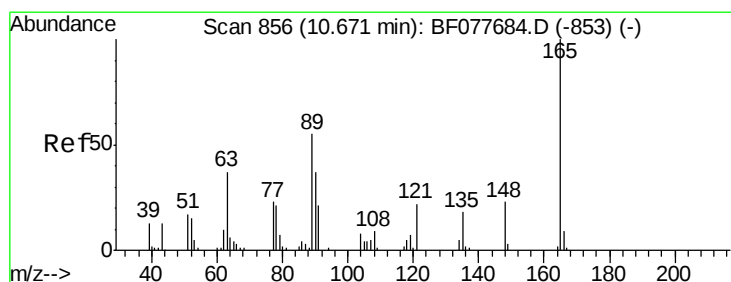
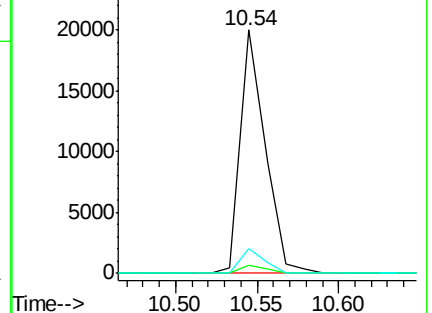
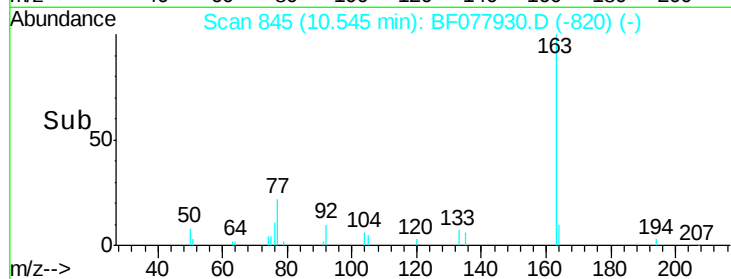
164 10.3 8.2 12.2



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: 10.86 min Scan# 873

Delta R.T. 0.24 min

Lab File: BF077930.D

Acq: 25 Mar 2015 2:12

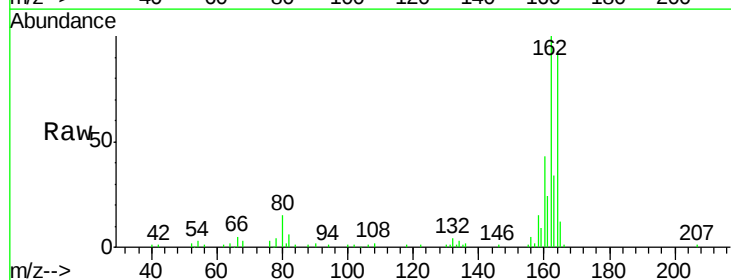
Tgt Ion:165 Resp: 10545

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

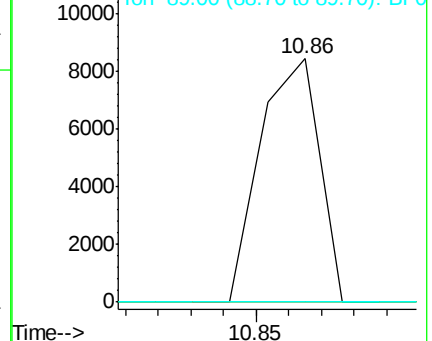
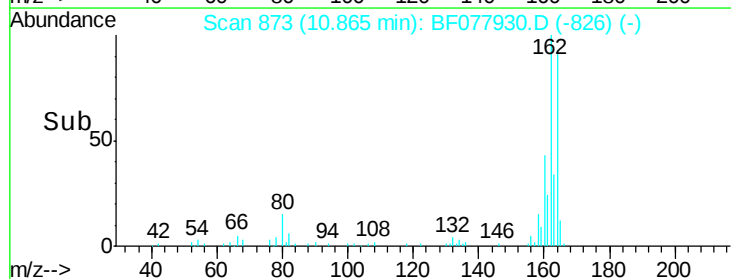
89 0.0 44.3 66.5#

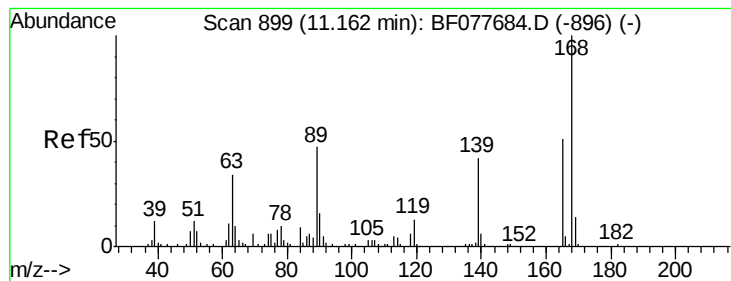


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.86 min Scan# 873

Delta R.T. -0.25 min

Lab File: BF077930.D

Acq: 25 Mar 2015 2:12

Instrument :

BNA_F

ClientSampleId :

SB-13

Tgt Ion:165 Resp: 10549

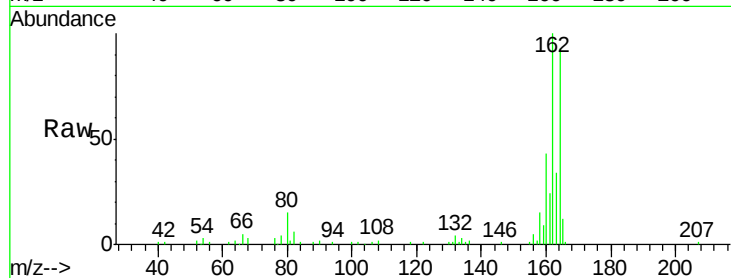
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

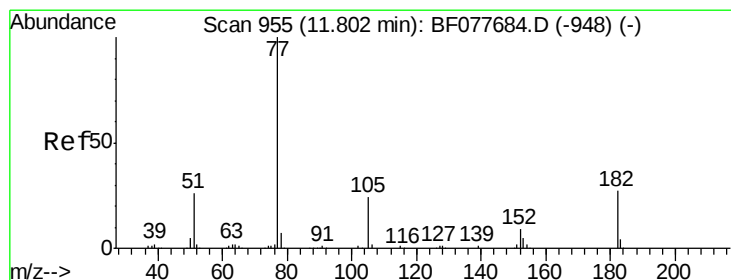
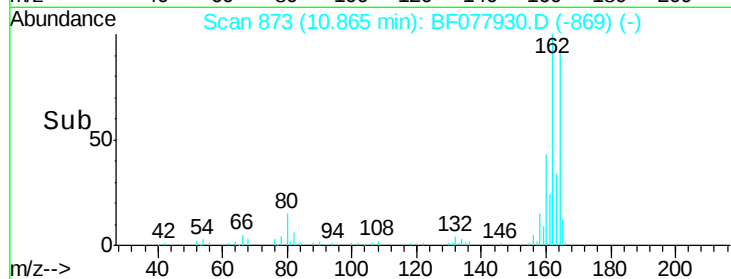
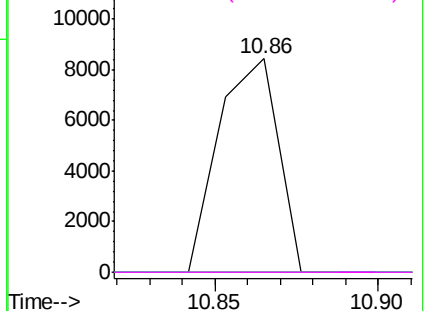


Abundance Ion 165.00 (164.70 to 165.70): E

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



#62

Azobenzene

Concen: 3.66 ng

RT: 11.76 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF077930.D

Acq: 25 Mar 2015 2:12

Tgt Ion: 77 Resp: 21550

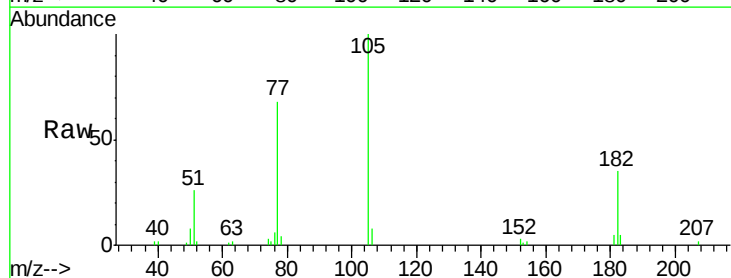
Ion Ratio Lower Upper

77 100

182 51.0 6.5 46.5#

105 147.6 3.8 43.8#

51 39.0 5.5 45.5

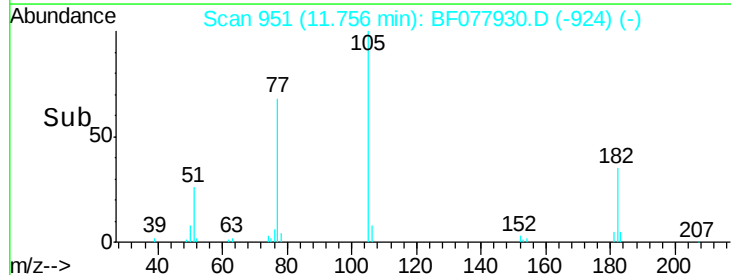
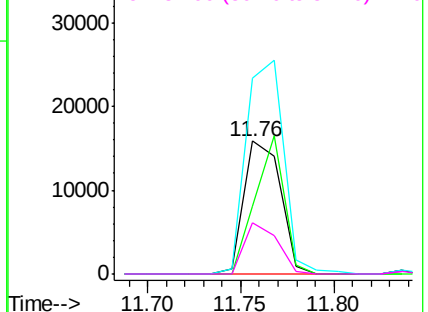


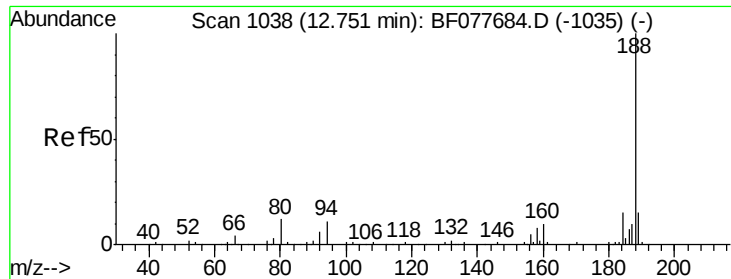
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

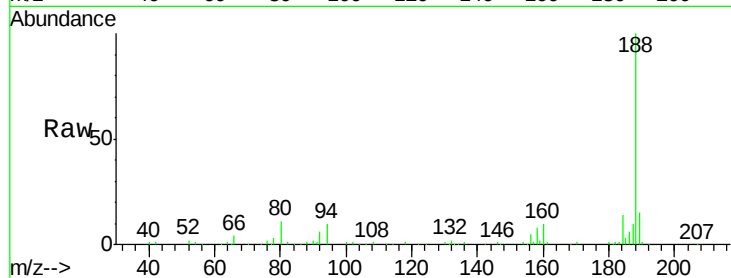




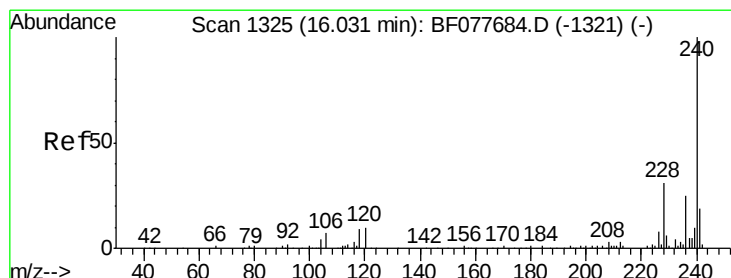
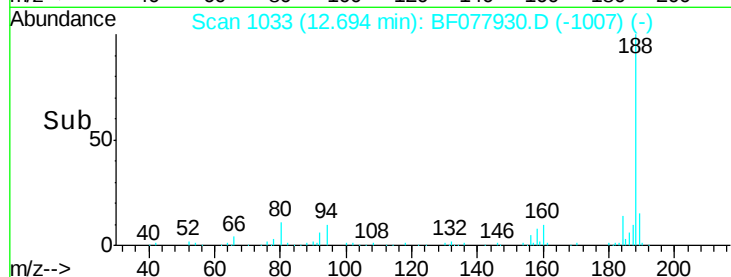
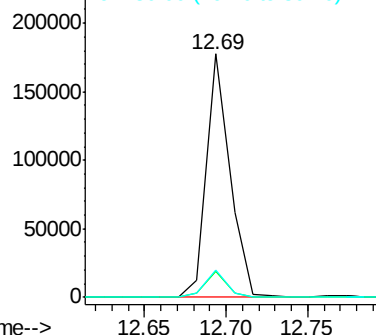
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF077930.D
Acq: 25 Mar 2015 2:12

Instrument :
BNA_F
ClientSampleId :
SB-13

Tgt Ion:188 Resp: 176303
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.0 9.3 13.9

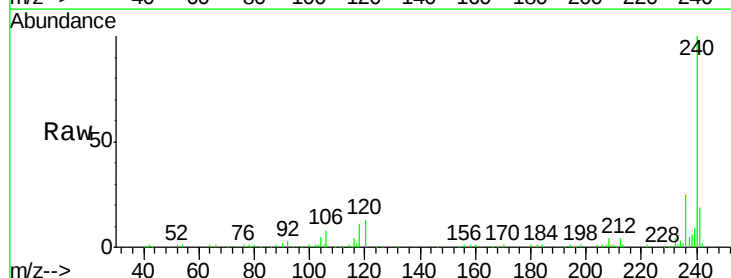


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

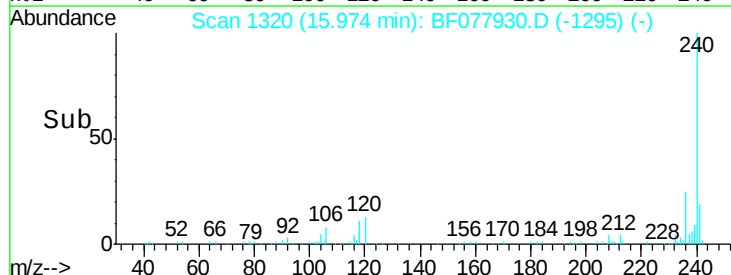
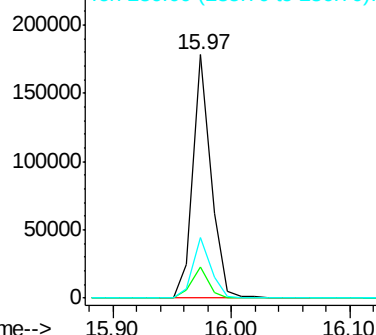


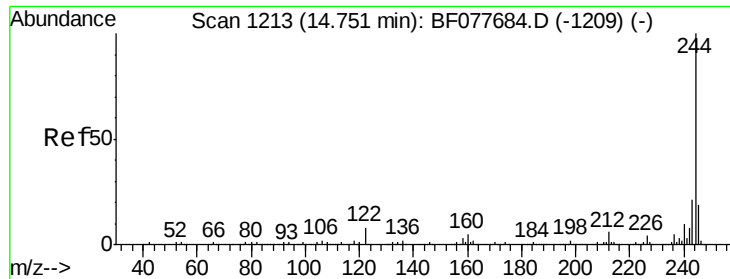
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF077930.D
Acq: 25 Mar 2015 2:12

Tgt Ion:240 Resp: 187916
Ion Ratio Lower Upper
240 100
120 12.8 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

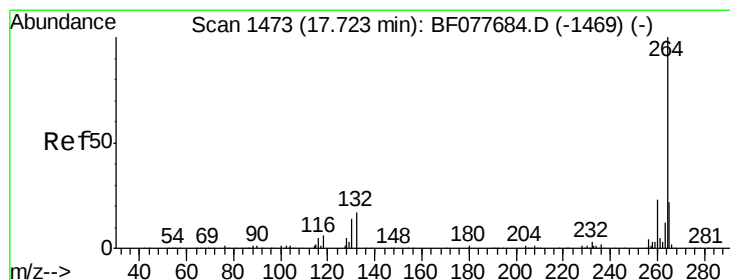
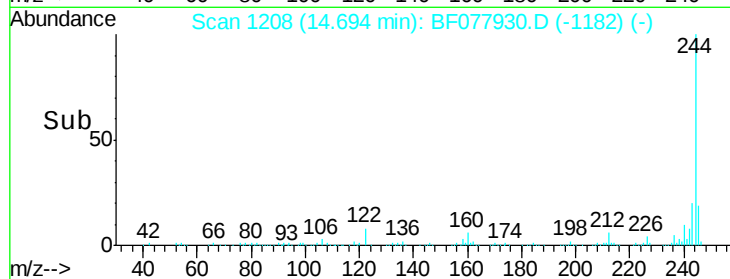
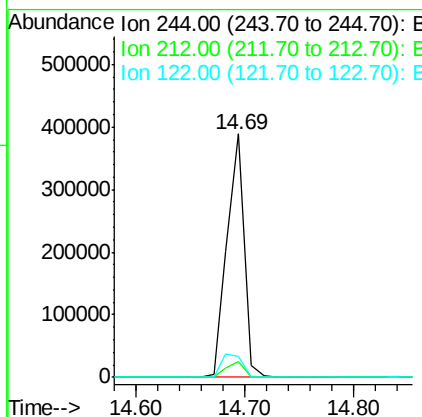
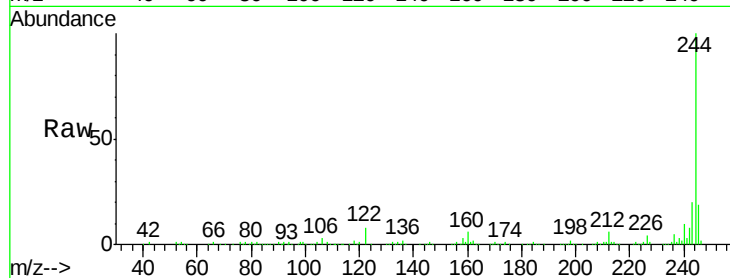




#78
 Terphenyl-d14
 Concen: 55.09 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077930.D
 Acq: 25 Mar 2015 2:12

Instrument :
 BNA_F
 ClientSampled :
 SB-13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	4.9	7.3
122	8.5	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF077930.D
 Acq: 25 Mar 2015 2:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.5	17.3	25.9

