

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
 Data File : BF077895.D
 Acq On : 23 Mar 2015 15:33
 Operator : TP/IZ
 Sample : G1575-04DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-10VDL

Quant Time: Mar 24 01:37:05 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

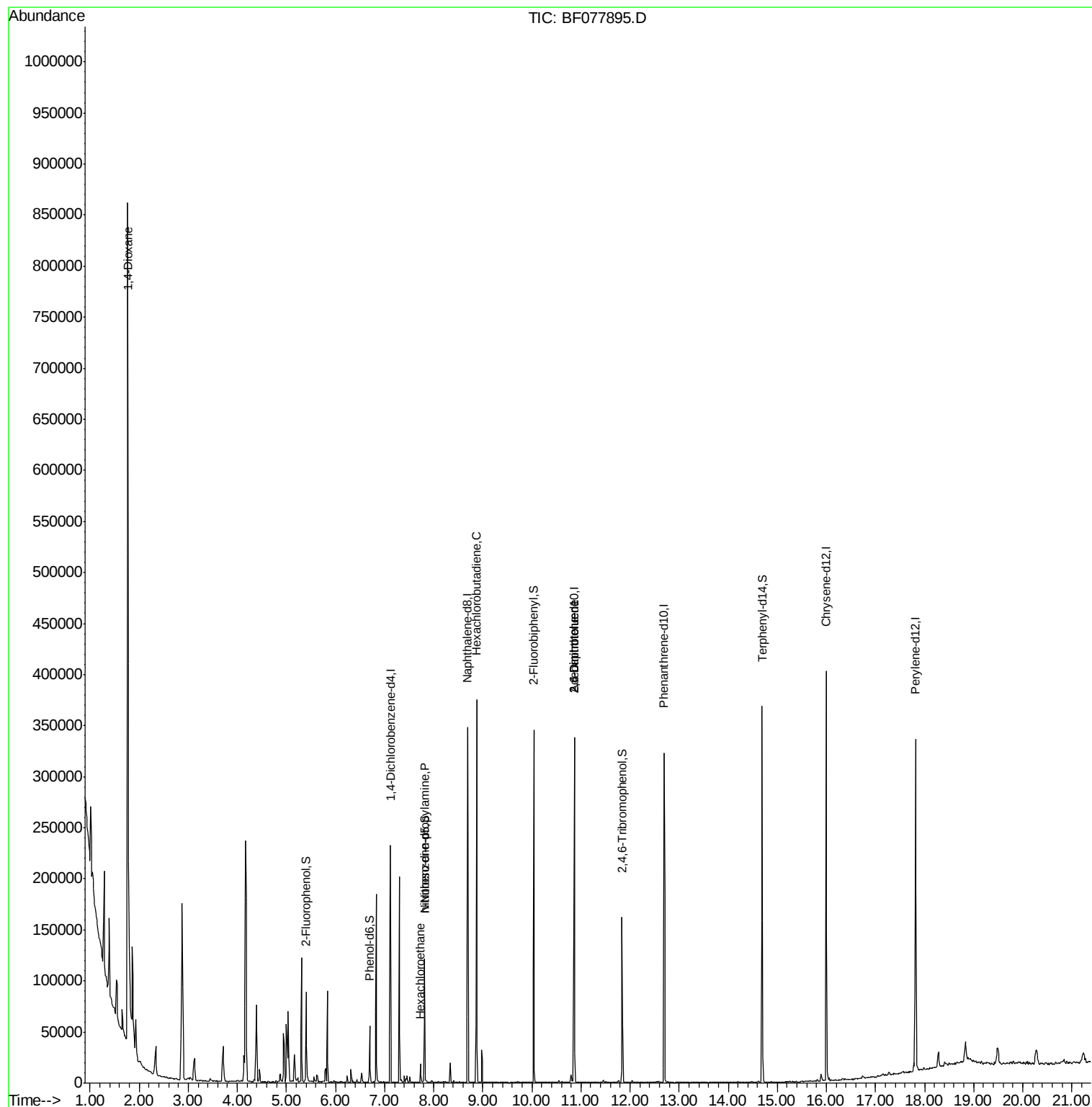
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	37125	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	156163	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	76735	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	151026	20.00	ng	-0.01
75) Chrysene-d12	16.00	240	169231	20.00	ng	-0.01
86) Perylene-d12	17.81	264	162529	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	29801	14.01	ng	0.00
7) Phenol-d6	6.69	99	22100	8.41	ng	0.00
23) Nitrobenzene-d5	7.81	82	45532	19.11	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	20037	27.29	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	117085	22.42	ng	0.00
78) Terphenyl-d14	14.69	244	141645	20.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	38919	40.30	ng	Qvalue # 100
18) Hexachloroethane	7.73	117	2483	2.59	ng	83
19) n-Nitroso-di-n-propylamine	7.81	70	5554	3.06	ng	# 76
34) Hexachlorobutadiene	8.88	225	42977	31.06	ng	98
50) 2,6-Dinitrotoluene	10.86	165	9718	8.24	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	9719	6.32	ng	# 11
76) Benzidine	14.40	184	241	Below Cal		# 68

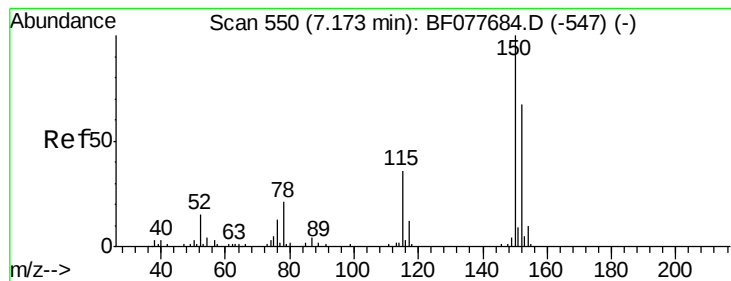
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
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RW-10VDL

Quant Time: Mar 24 01:37:05 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: BF077895.D

Acq: 23 Mar 2015 15:33

Instrument :

BNA_F

ClientSampleId :

RW-10VDL

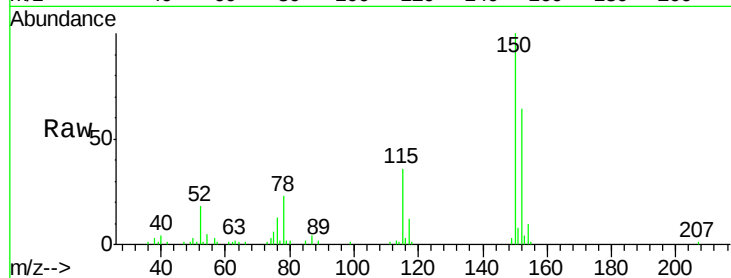
Tgt Ion:152 Resp: 37125

Ion Ratio Lower Upper

152 100

150 155.7 119.5 179.3

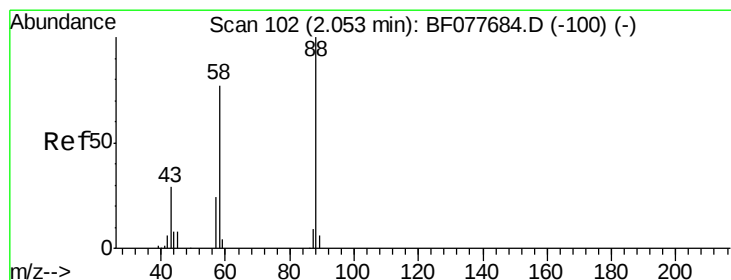
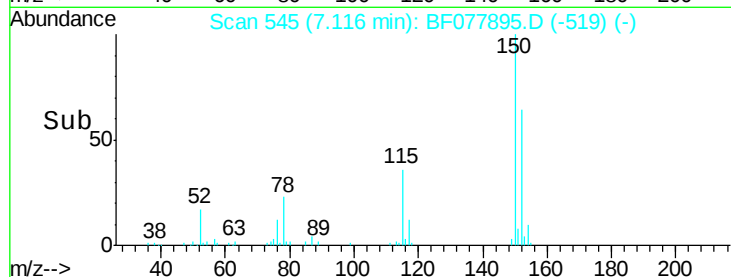
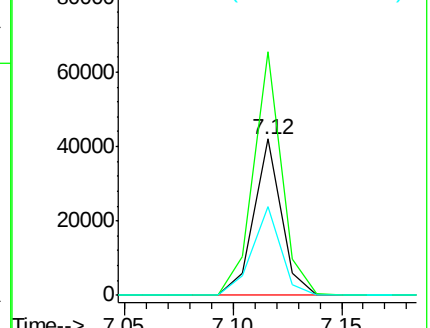
115 56.5 43.0 64.4



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: 40.30 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.22 min

Lab File: BF077895.D

Acq: 23 Mar 2015 15:33

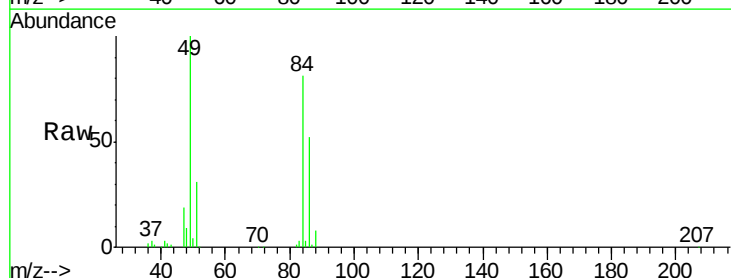
Tgt Ion: 88 Resp: 38919

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

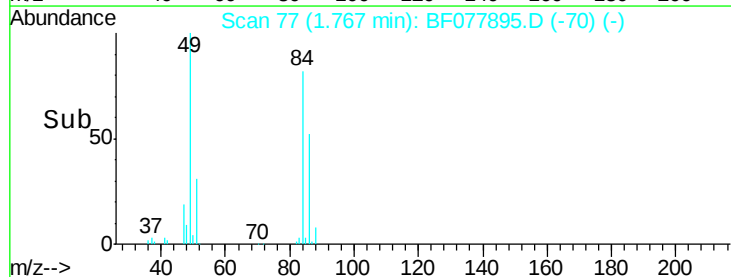
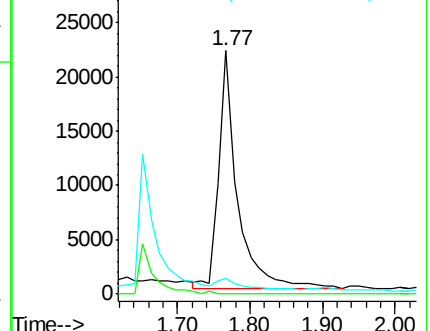
43 5.9 0.0 0.0#

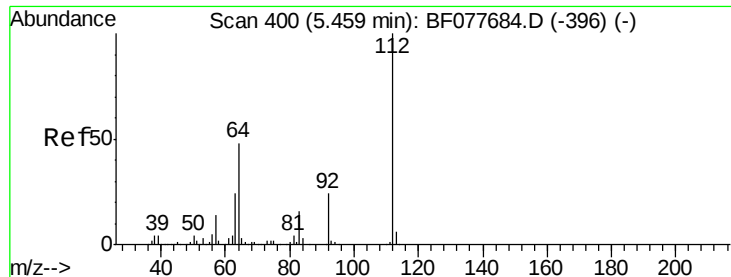


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 14.01 ng

RT: 5.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF077895.D

Acq: 23 Mar 2015 15:33

Instrument :

BNA_F

ClientSampleId :

RW-10VDL

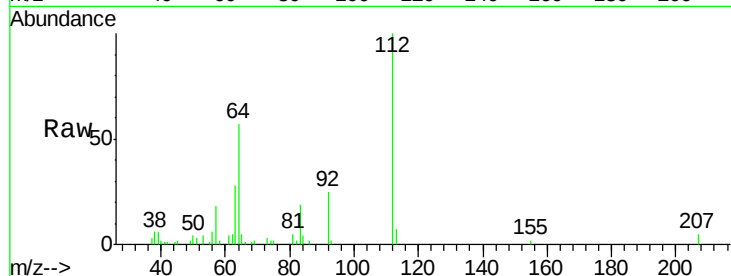
Tgt Ion: 112 Resp: 29801

Ion Ratio Lower Upper

112 100

64 57.2 38.6 57.8

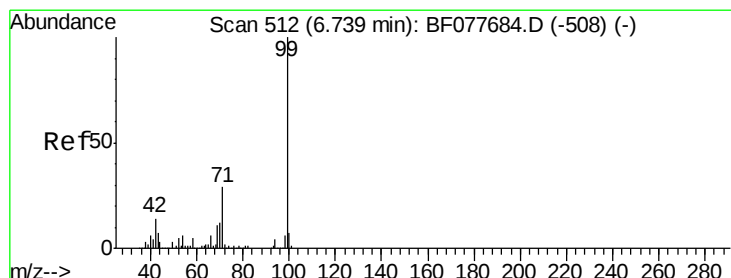
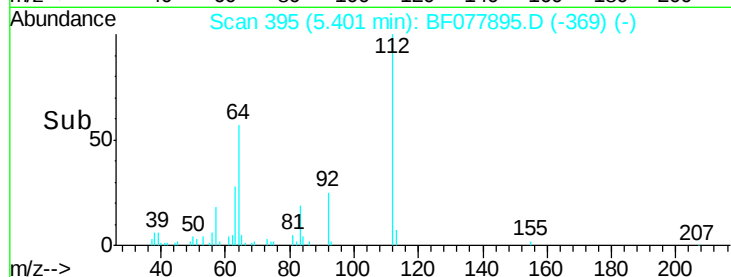
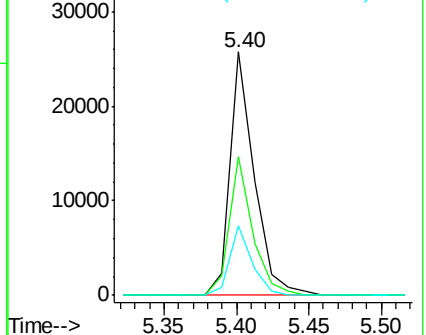
63 28.4 19.3 28.9



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: 8.41 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077895.D

Acq: 23 Mar 2015 15:33

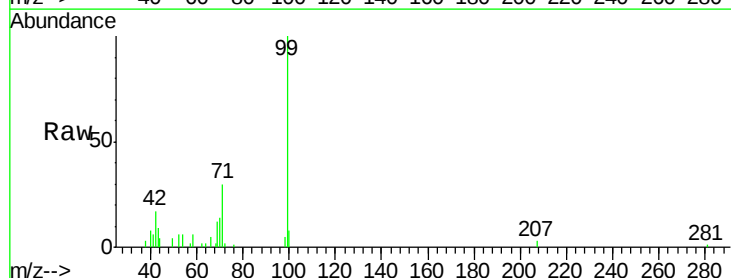
Tgt Ion: 99 Resp: 22100

Ion Ratio Lower Upper

99 100

42 16.8 11.0 16.4#

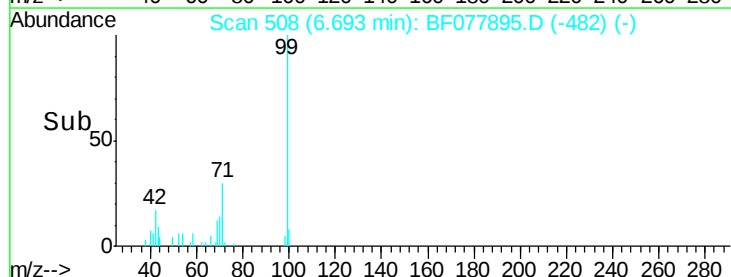
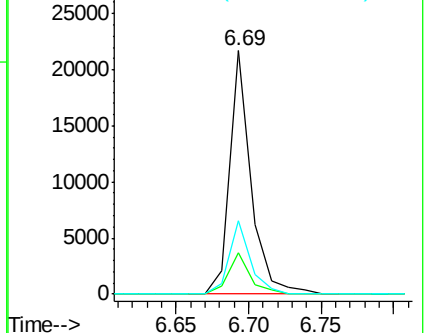
71 30.4 23.4 35.2

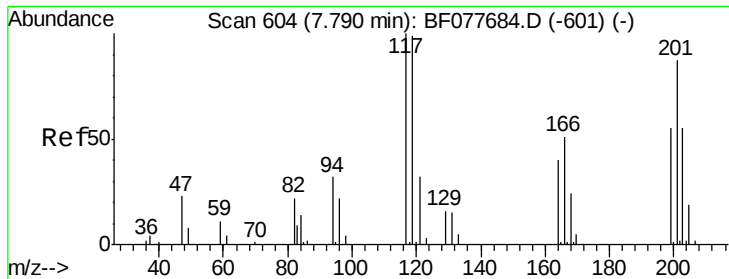


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

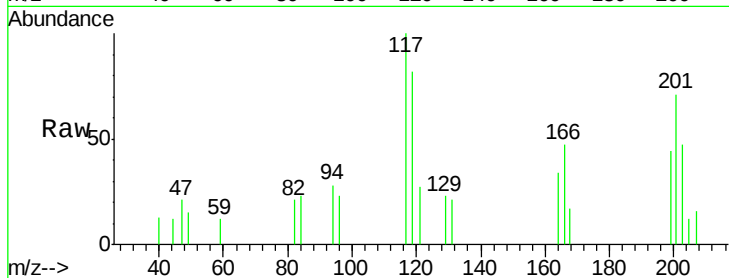




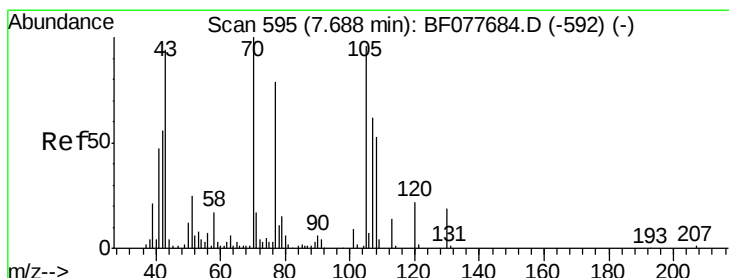
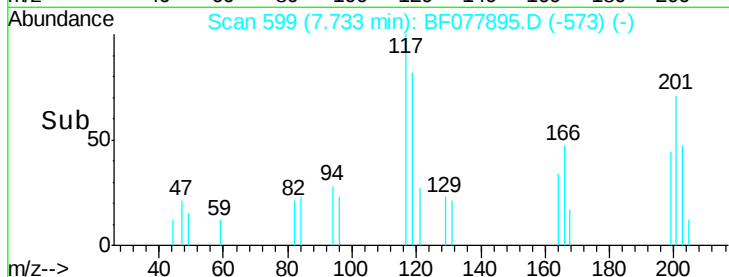
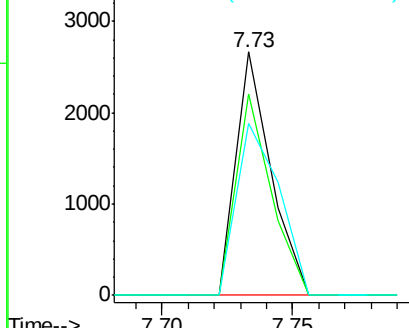
#18
Hexachloroethane
Concen: 2.59 ng
RT: 7.73 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF077895.D
Acq: 23 Mar 2015 15:33

Instrument :
BNA_F
ClientSampleId :
RW-10VDL

Tgt Ion: 117 Resp: 2483
Ion Ratio Lower Upper
117 100
119 82.5 79.2 118.8
201 70.7 69.8 104.6

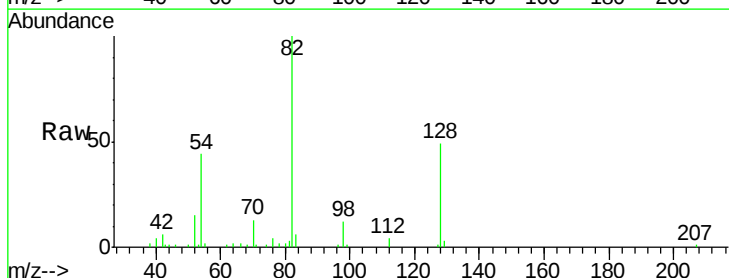


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

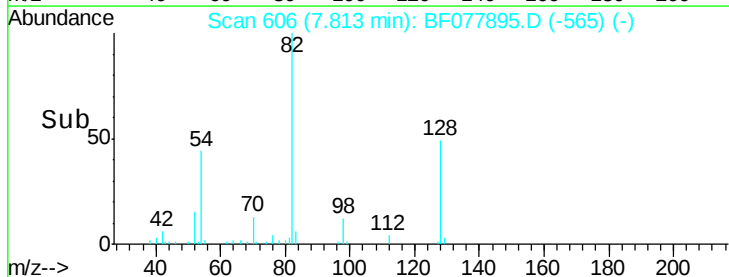
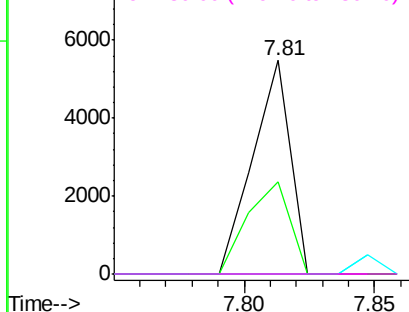


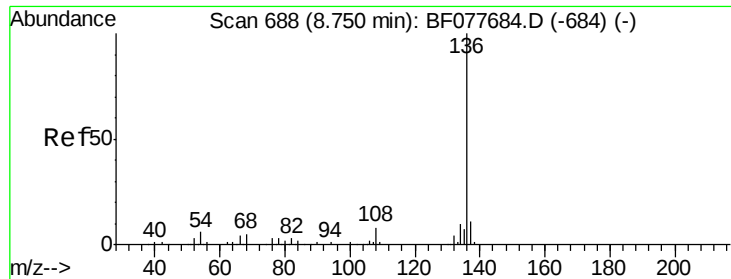
#19
n-Nitroso-di-n-propylamine
Concen: 3.06 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.17 min
Lab File: BF077895.D
Acq: 23 Mar 2015 15:33

Tgt Ion: 70 Resp: 5554
Ion Ratio Lower Upper
70 100
42 43.2 44.5 66.7#
101 0.0 7.4 11.2#
130 0.0 15.3 22.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF077895.D

Acq: 23 Mar 2015 15:33

Instrument :

BNA_F

ClientSampleId :

RW-10VDL

Tgt Ion:136 Resp: 156163

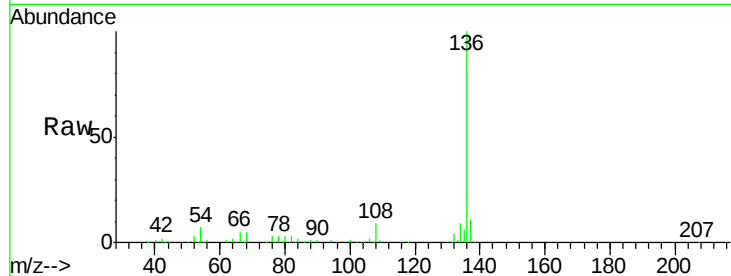
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.9 4.6 6.8#

68 5.3 3.7 5.5

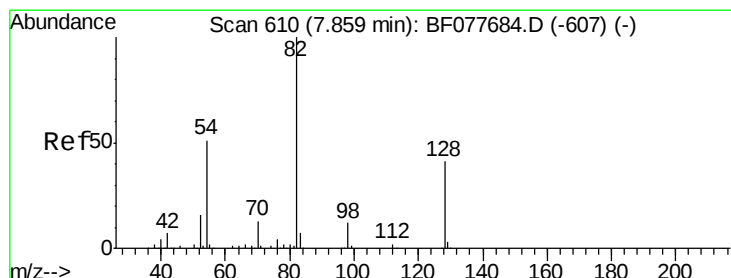
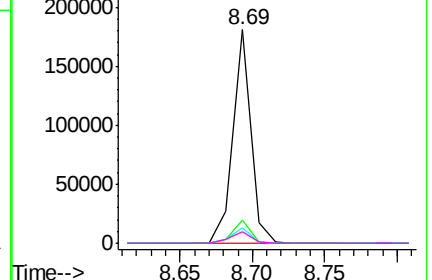
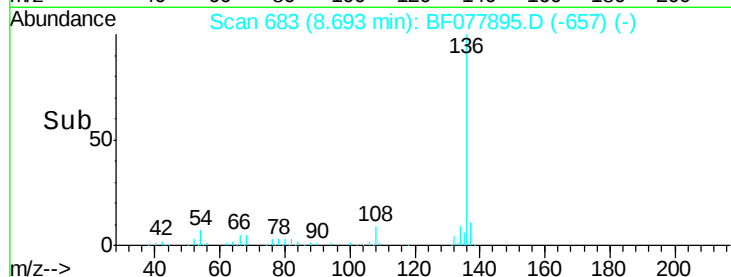


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 19.11 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF077895.D

Acq: 23 Mar 2015 15:33

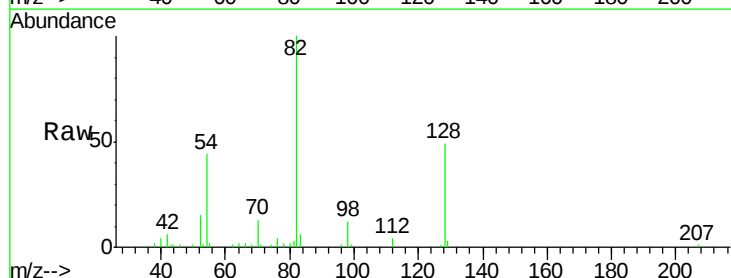
Tgt Ion: 82 Resp: 45532

Ion Ratio Lower Upper

82 100

128 49.3 32.8 49.2#

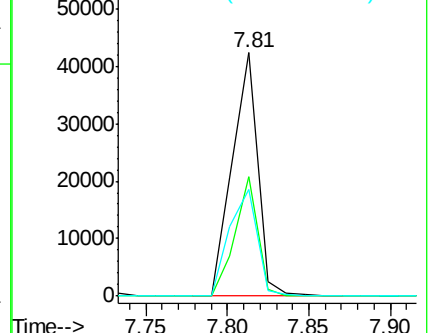
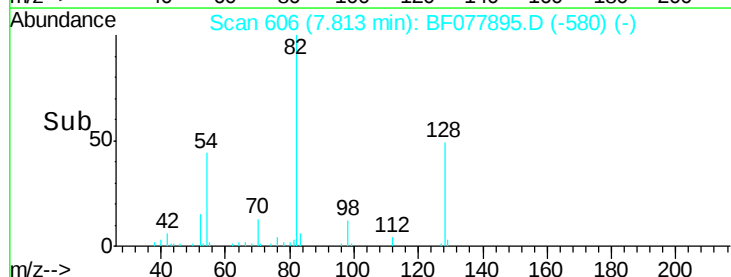
54 43.8 40.6 60.8

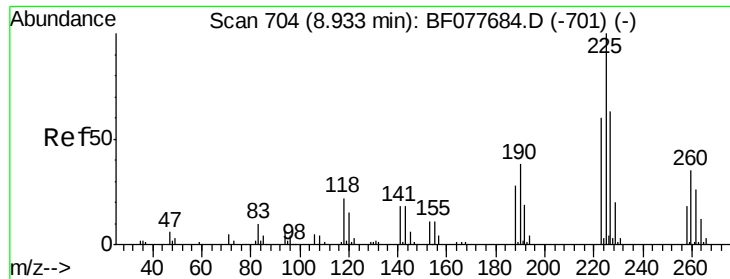


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#34

Hexachlorobutadiene

Concen: 31.06 ng

RT: 8.88 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF077895.D

Acq: 23 Mar 2015 15:33

Instrument :

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ClientSampleId :

RW-10VDL

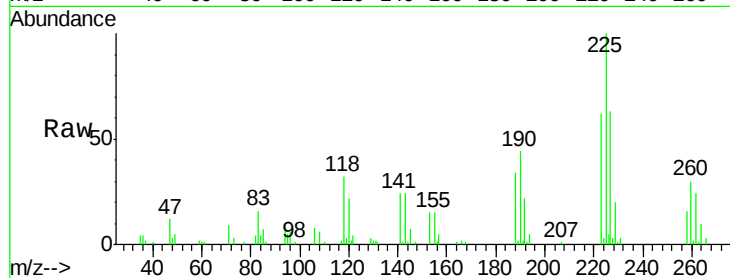
Tgt Ion:225 Resp: 42977

Ion Ratio Lower Upper

225 100

223 61.9 47.9 71.9

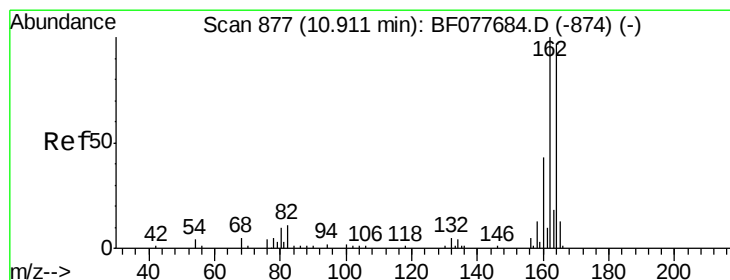
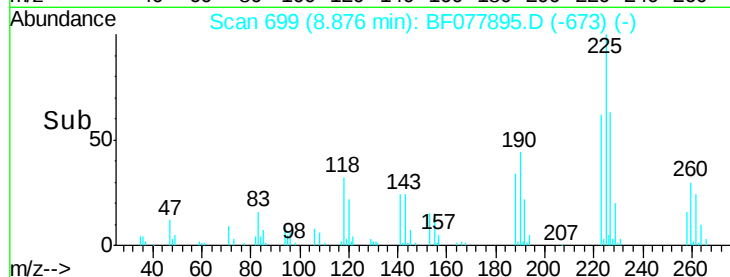
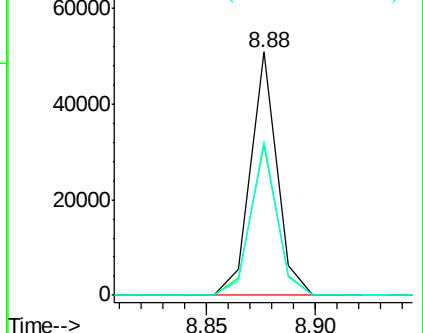
227 63.2 50.1 75.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077895.D

Acq: 23 Mar 2015 15:33

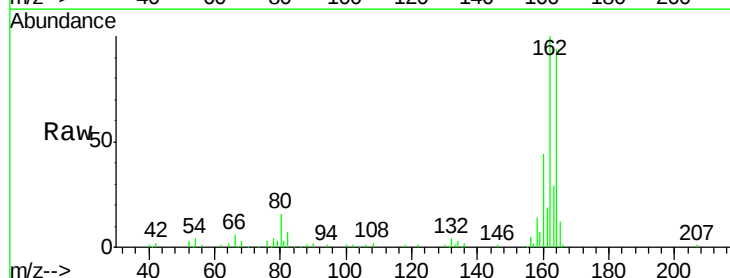
Tgt Ion:164 Resp: 76735

Ion Ratio Lower Upper

164 100

162 105.9 82.4 123.6

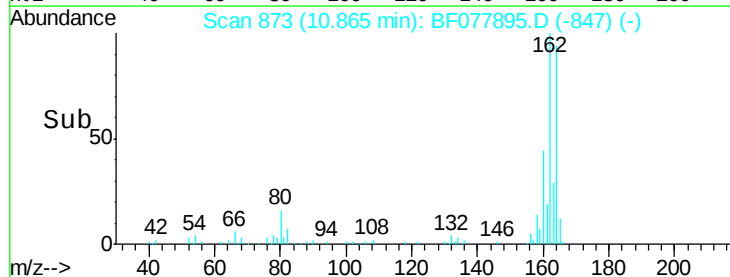
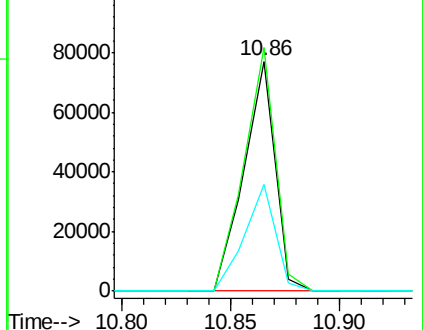
160 46.1 35.8 53.6

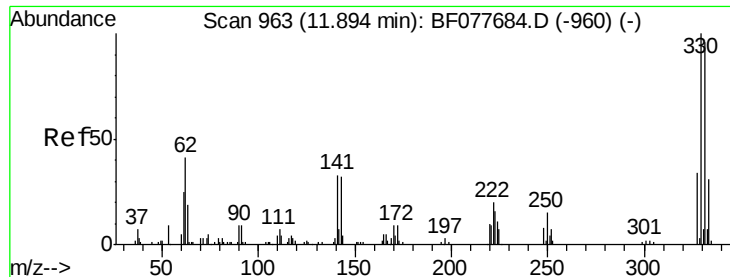


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

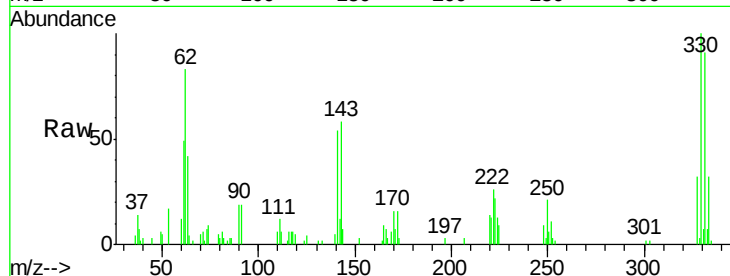




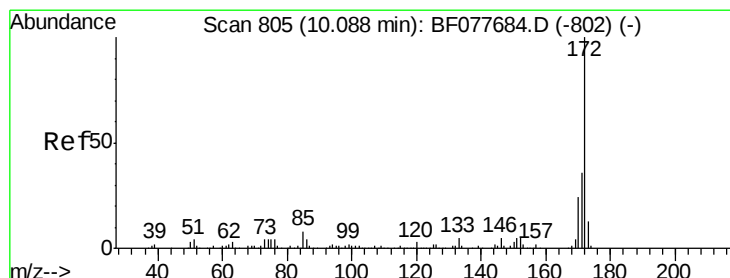
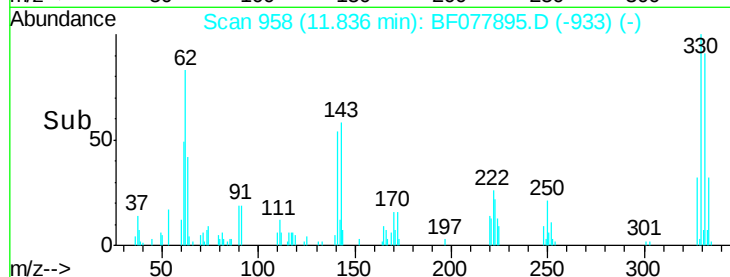
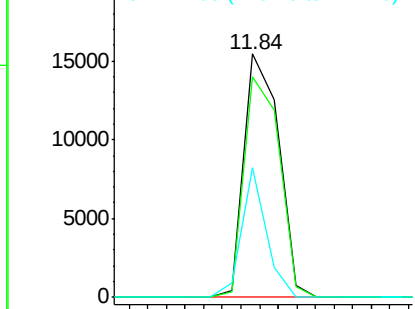
#41
 2,4,6-Tribromophenol
 Concen: 27.29 ng
 RT: 11.84 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BF077895.D
 Acq: 23 Mar 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 RW-10VDL

Tgt Ion:330 Resp: 20037
 Ion Ratio Lower Upper
 330 100
 332 92.0 0.0 0.0#
 141 37.9 0.0 0.0#

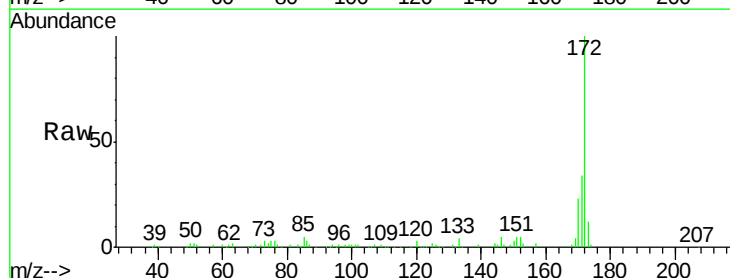


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

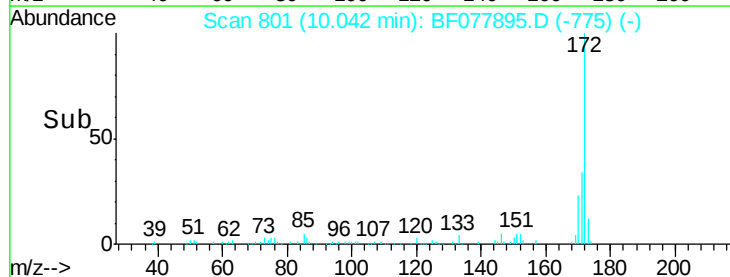
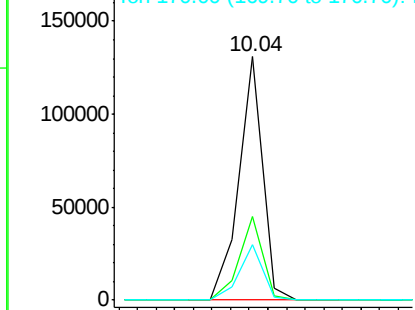


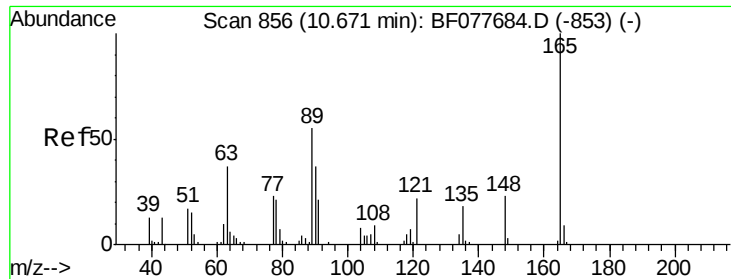
#44
 2-Fluorobiphenyl
 Concen: 22.42 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077895.D
 Acq: 23 Mar 2015 15:33

Tgt Ion:172 Resp: 117085
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.5 42.7
 170 22.8 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

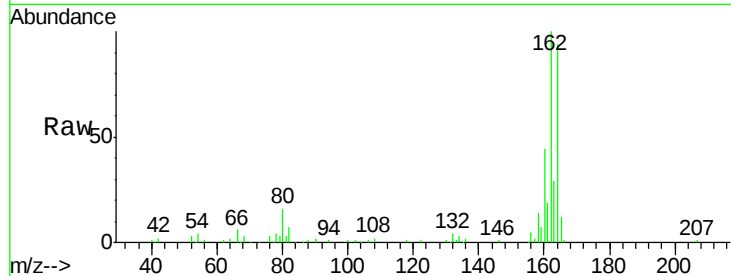




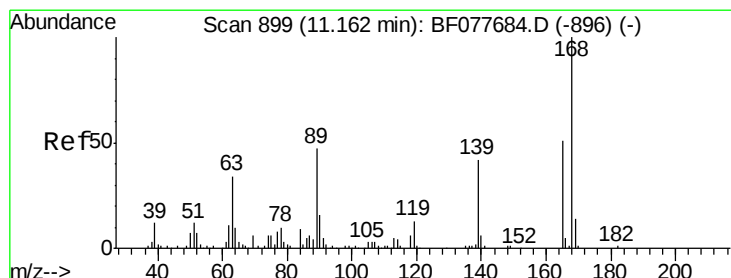
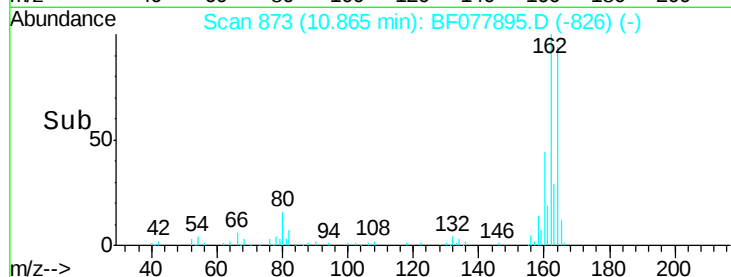
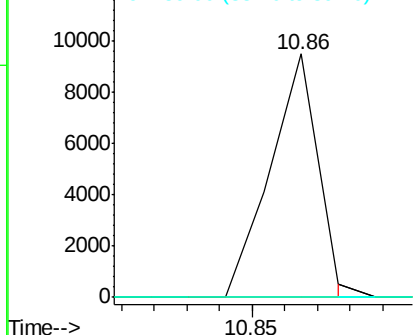
#50
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.24 min
 Lab File: BF077895.D
 Acq: 23 Mar 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 RW-10VDL

Tgt Ion:165 Resp: 9718
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

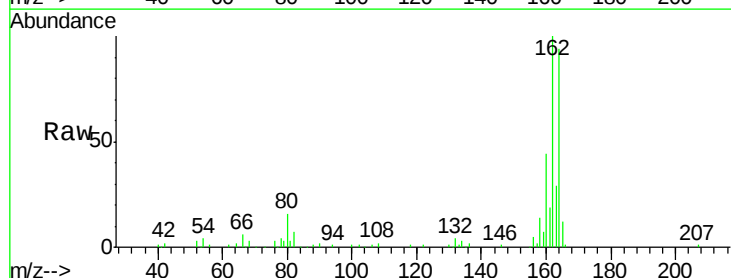


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

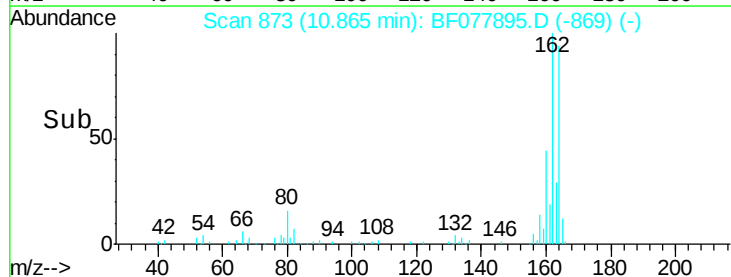
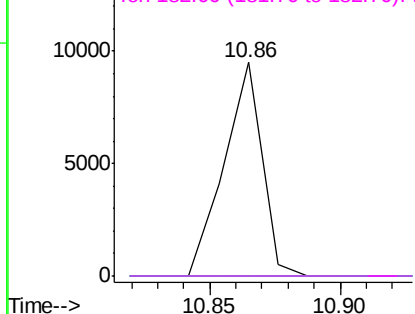


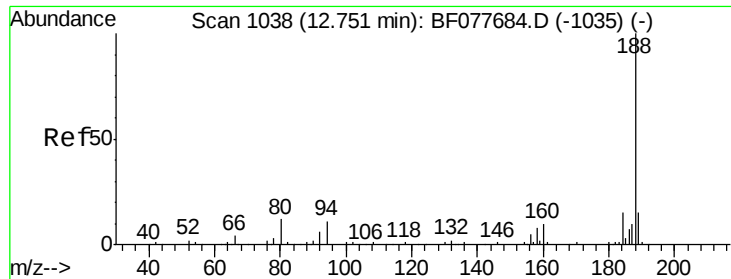
#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077895.D
 Acq: 23 Mar 2015 15:33

Tgt Ion:165 Resp: 9719
 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

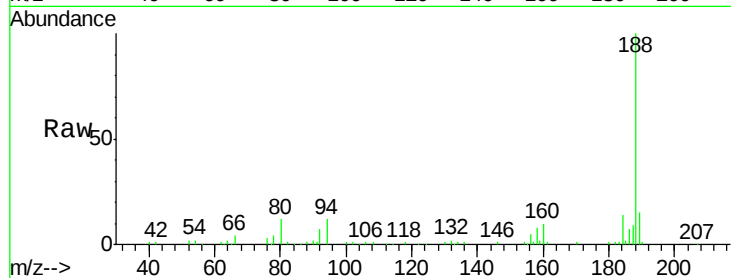




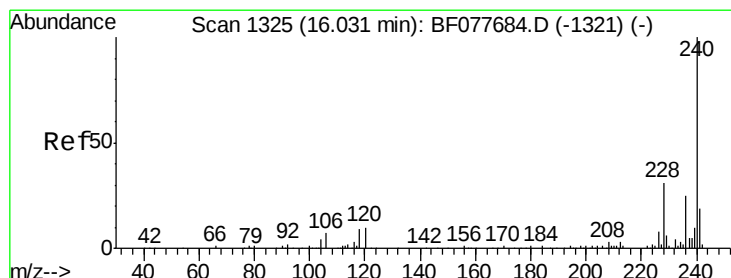
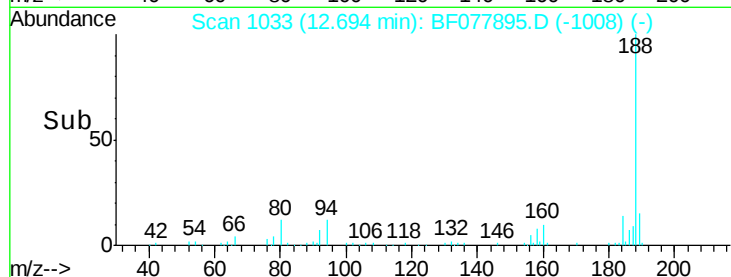
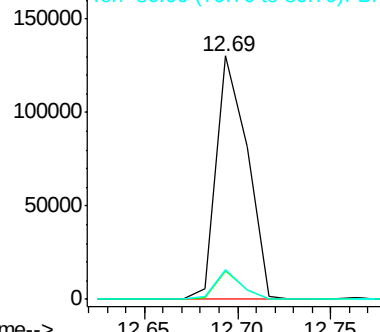
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF077895.D
Acq: 23 Mar 2015 15:33

Instrument :
BNA_F
ClientSampleId :
RW-10VDL

Tgt Ion:188 Resp: 151026
Ion Ratio Lower Upper
188 100
94 11.7 8.7 13.1
80 12.4 9.3 13.9

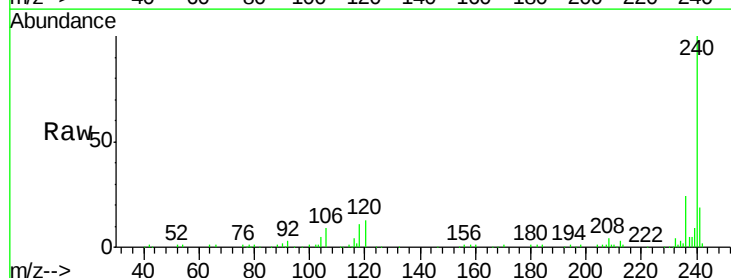


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

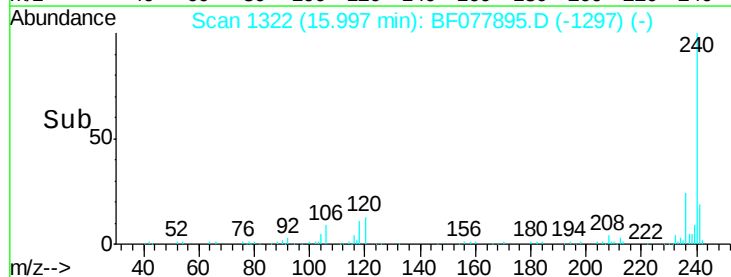
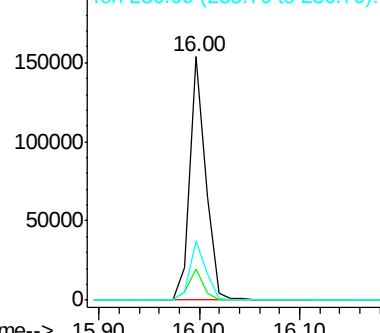


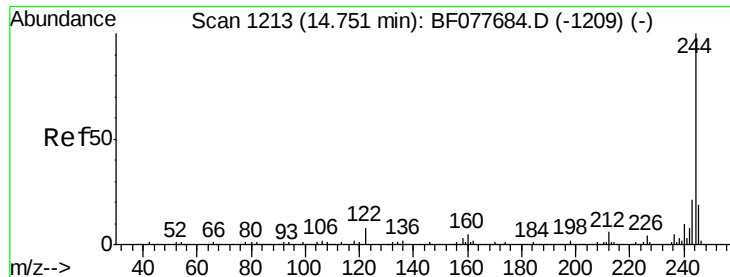
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF077895.D
Acq: 23 Mar 2015 15:33

Tgt Ion:240 Resp: 169231
Ion Ratio Lower Upper
240 100
120 12.8 8.2 12.2#
236 24.3 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

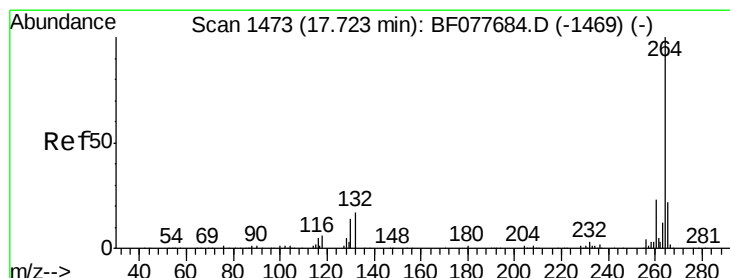
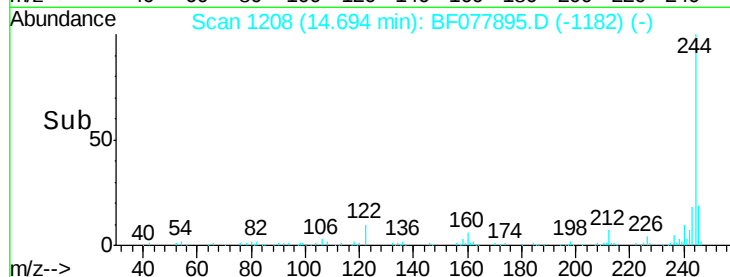
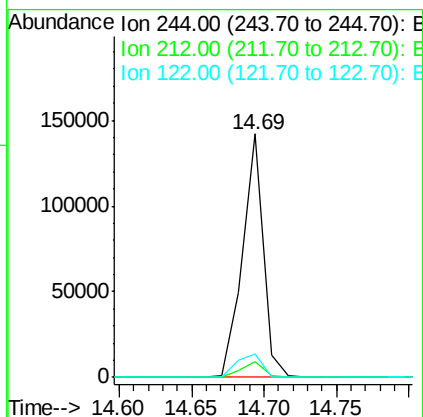
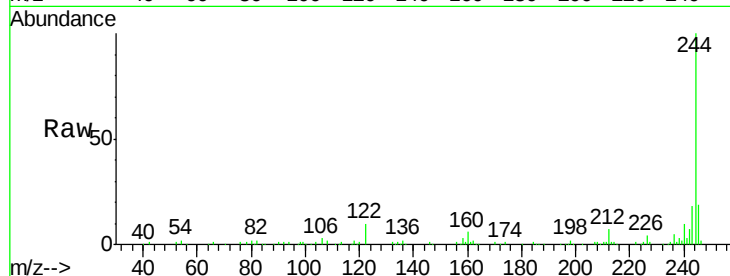




#78
 Terphenyl-d14
 Concen: 20.44 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077895.D
 Acq: 23 Mar 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 RW-10VDL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	4.9	7.3
122	9.6	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.81 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF077895.D
 Acq: 23 Mar 2015 15:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.3	17.3	25.9

