

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077924.D
 Acq On : 24 Mar 2015 21:16
 Operator : TP/IZ
 Sample : G1613-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12

Quant Time: Mar 25 00:12:35 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

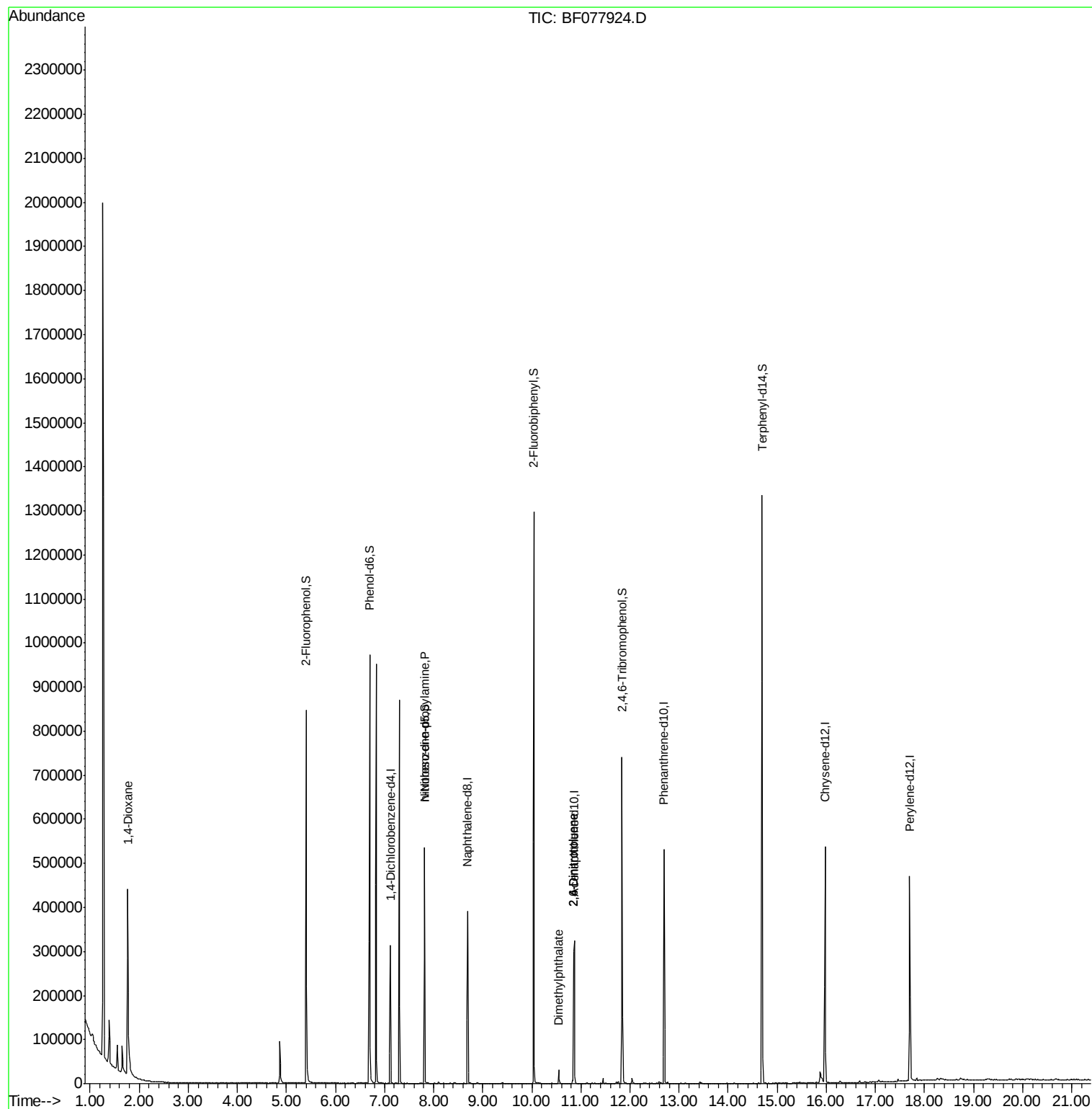
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	50322	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	198622	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	98295	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	207666	20.00	ng	0.00
75) Chrysene-d12	15.97	240	226771	20.00	ng	0.00
86) Perylene-d12	17.70	264	207592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	279080	96.80	ng	0.00
7) Phenol-d6	6.69	99	374165	105.05	ng	0.00
23) Nitrobenzene-d5	7.81	82	204835	67.60	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	85929	91.37	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	469375	70.18	ng	0.00
78) Terphenyl-d14	14.69	244	582554	62.75	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	19372	14.80	ng	# 100
19) n-Nitroso-di-n-propylamine	7.81	70	25886	10.51	ng	# 74
49) Dimethylphthalate	10.54	163	15724	2.16	ng	99
50) 2,6-Dinitrotoluene	10.85	165	12453	8.24	ng	# 24
56) 2,4-Dinitrotoluene	10.85	165	12453	6.32	ng	# 11

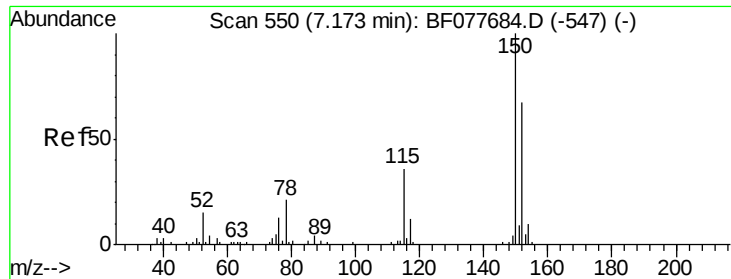
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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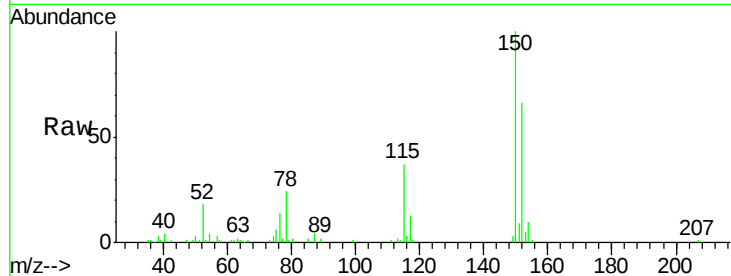


#1

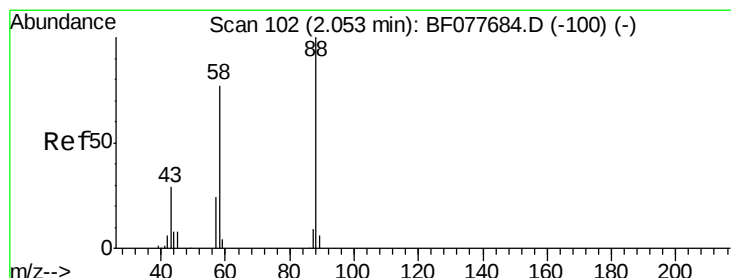
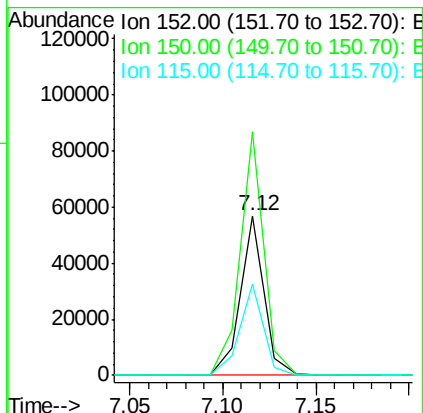
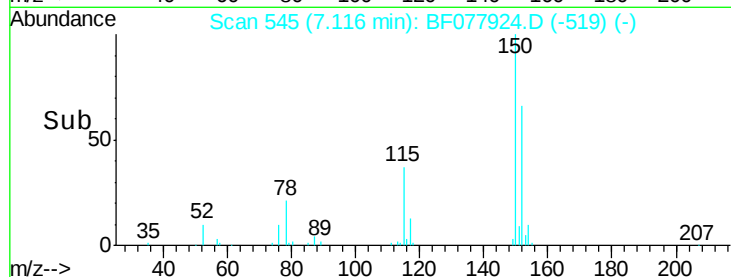
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077924.D
Acq: 24 Mar 2015 21:16

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:152 Resp: 50322
Ion Ratio Lower Upper
152 100
150 152.6 119.5 179.3
115 57.1 43.0 64.4



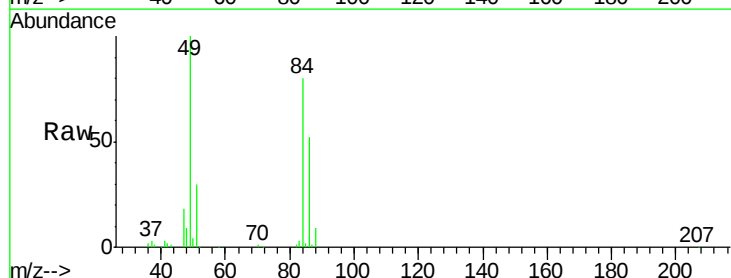
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



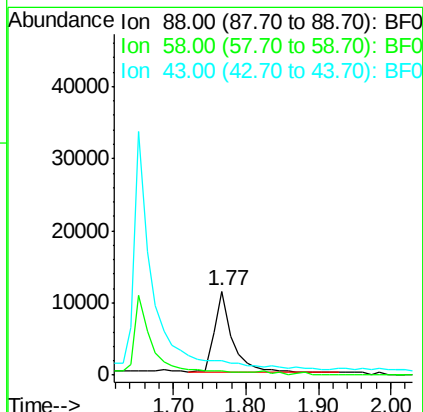
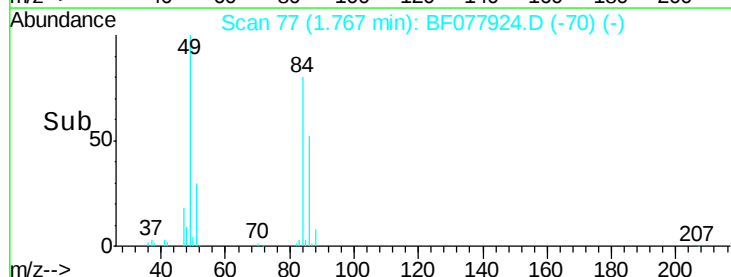
#2

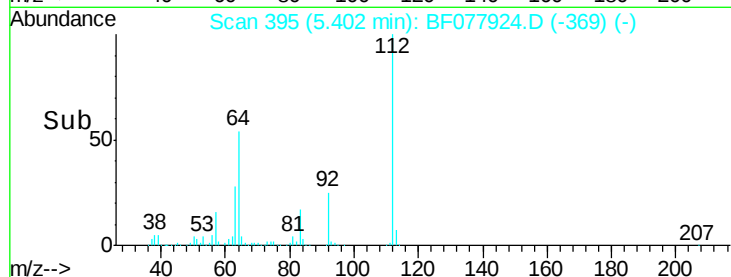
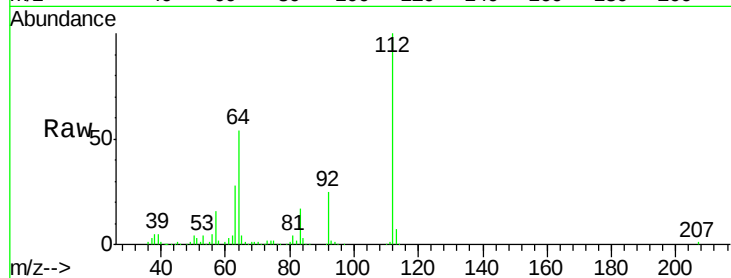
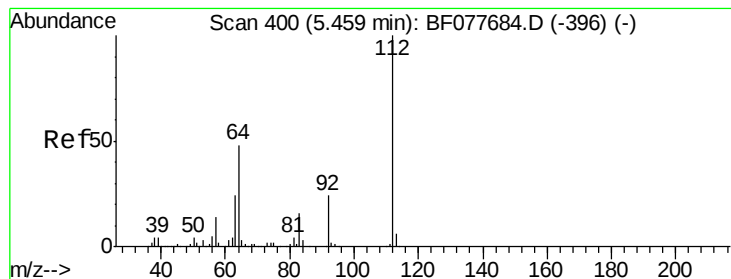
1,4-Dioxane
Concen: 14.80 ng
RT: 1.77 min Scan# 77
Delta R.T. -0.22 min
Lab File: BF077924.D
Acq: 24 Mar 2015 21:16

Tgt Ion: 88 Resp: 19372
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: 96.80 ng

RT: 5.40 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF077924.D

Acq: 24 Mar 2015 21:16

Instrument :

BNA_F

ClientSampleId :

SB-12

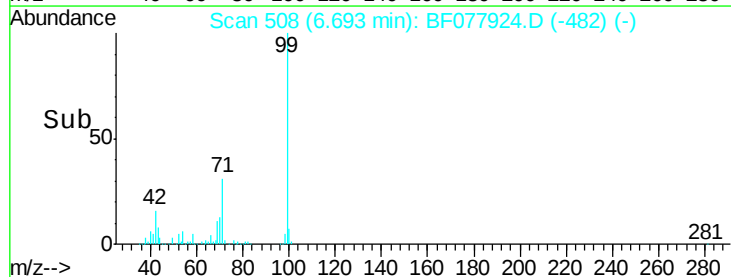
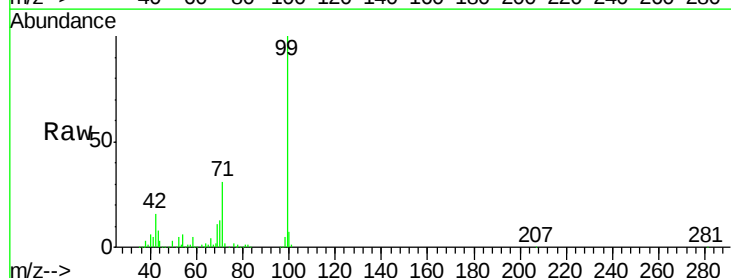
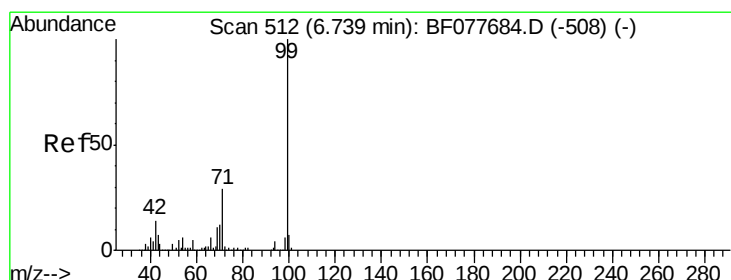
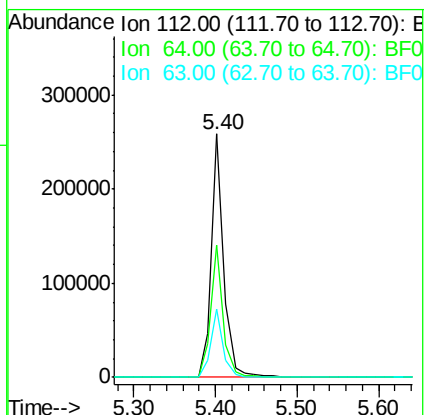
Tgt Ion: 112 Resp: 279080

Ion Ratio Lower Upper

112 100

64 54.3 38.6 57.8

63 28.3 19.3 28.9



#7

Phenol-d6

Concen: 105.05 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077924.D

Acq: 24 Mar 2015 21:16

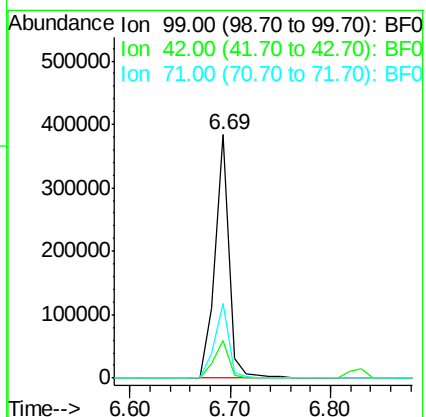
Tgt Ion: 99 Resp: 374165

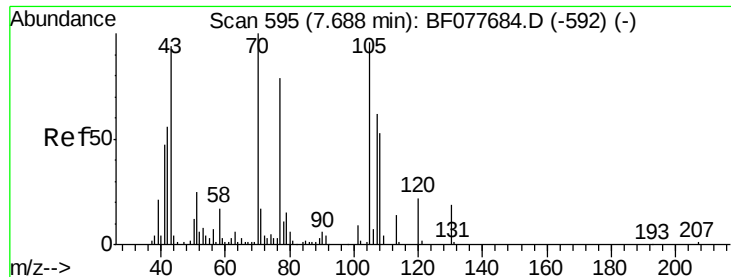
Ion Ratio Lower Upper

99 100

42 15.6 11.0 16.4

71 30.7 23.4 35.2

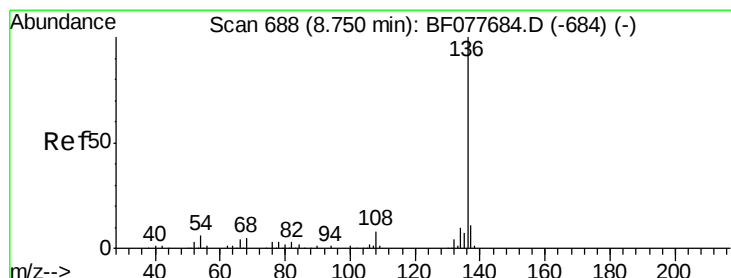
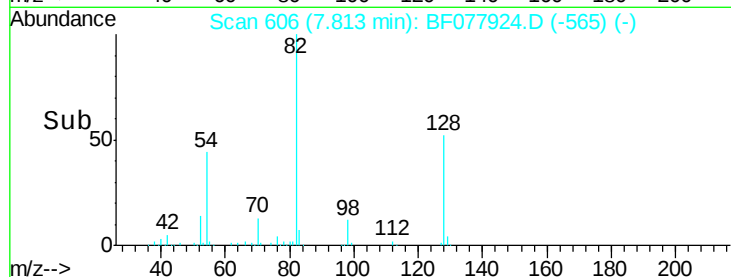
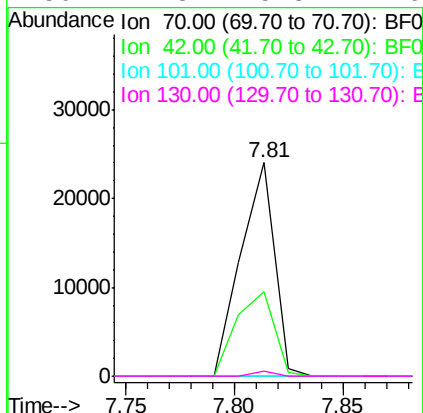
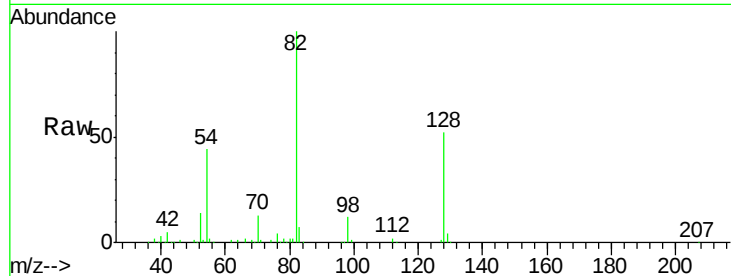




#19
n-Nitroso-di-n-propylamine
Concen: 10.51 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.17 min
Lab File: BF077924.D
Acq: 24 Mar 2015 21:16

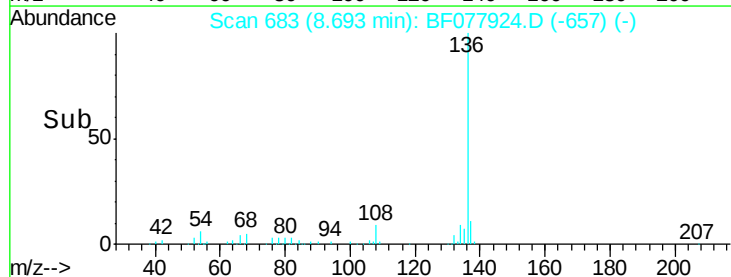
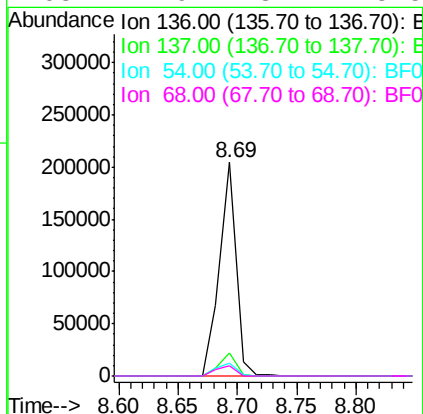
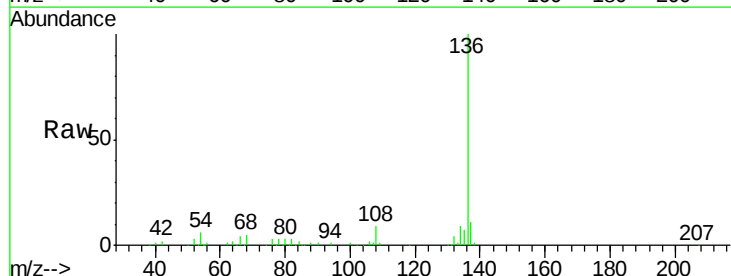
Instrument :
BNA_F
ClientSampleId :
SB-12

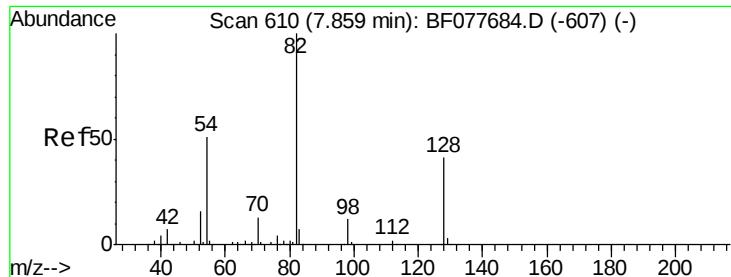
Tgt Ion:	70	Resp:	25886
Ion	Ratio	Lower	Upper
70	100		
42	39.5	44.5	66.7#
101	0.0	7.4	11.2#
130	2.3	15.3	22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077924.D
Acq: 24 Mar 2015 21:16

Tgt Ion:	136	Resp:	198622
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.0	4.6	6.8
68	4.9	3.7	5.5





#23

Nitrobenzene-d5

Concen: 67.60 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF077924.D

Acq: 24 Mar 2015 21:16

Instrument :

BNA_F

ClientSampled :

SB-12

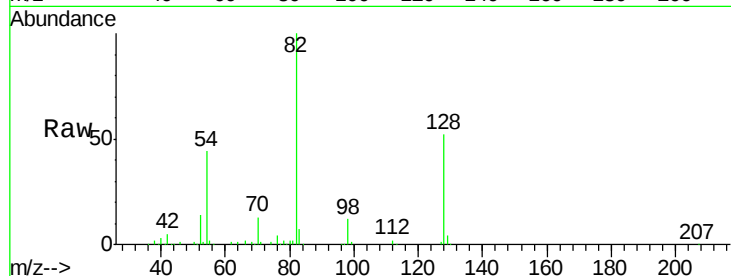
Tgt Ion: 82 Resp: 204835

Ion Ratio Lower Upper

82 100

128 51.7 32.8 49.2#

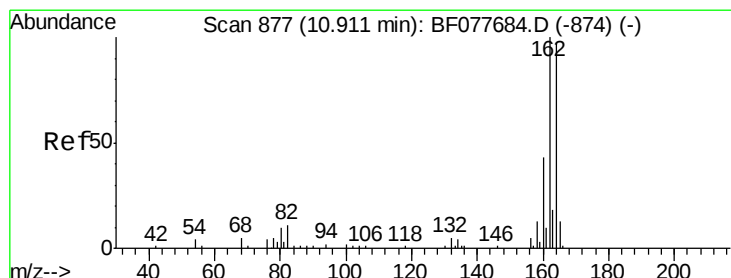
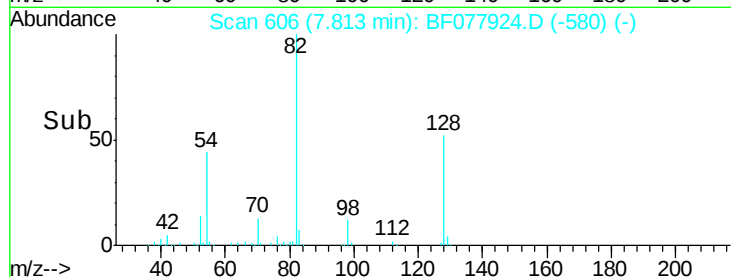
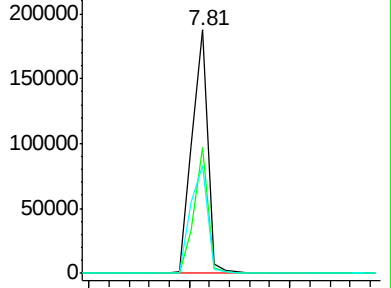
54 44.4 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.86 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077924.D

Acq: 24 Mar 2015 21:16

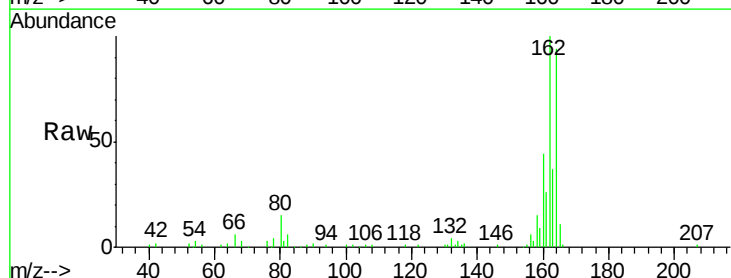
Tgt Ion: 164 Resp: 98295

Ion Ratio Lower Upper

164 100

162 106.8 82.4 123.6

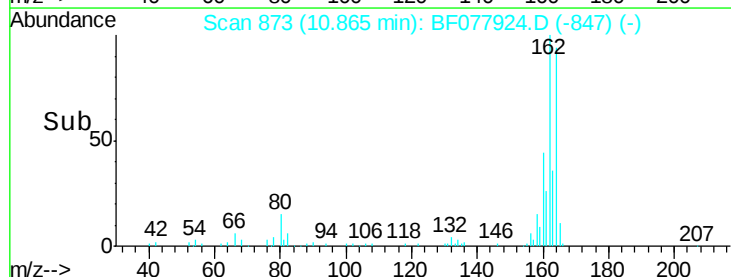
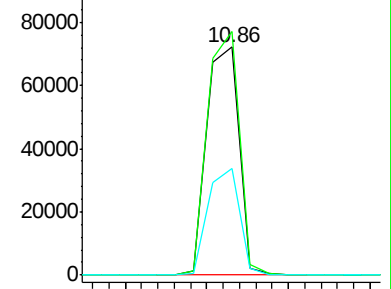
160 46.7 35.8 53.6

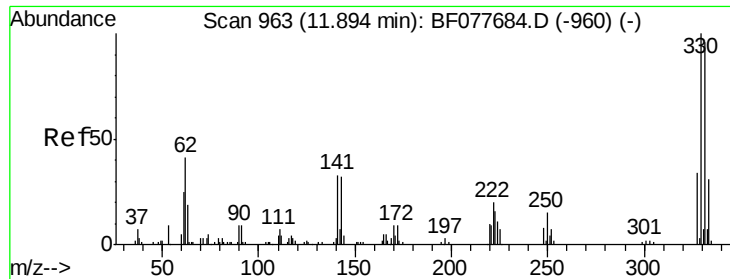


Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-874) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-874) (-)

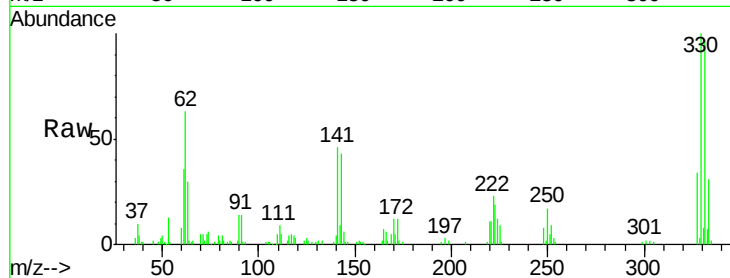




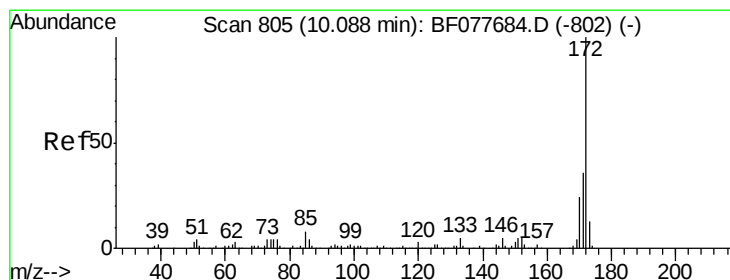
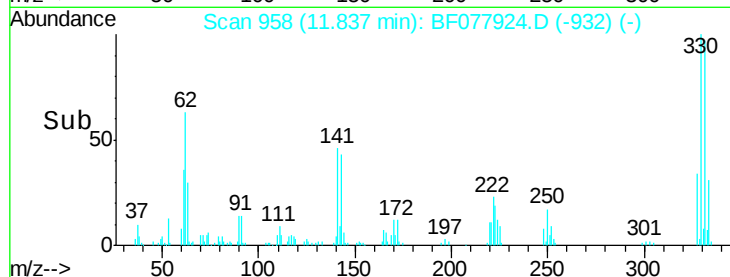
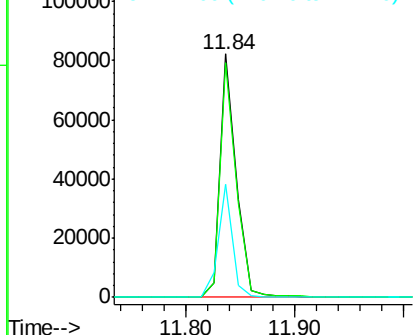
#41
 2,4,6-Tribromophenol
 Concen: 91.37 ng
 RT: 11.84 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF077924.D
 Acq: 24 Mar 2015 21:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-12

Tgt Ion:330 Resp: 85929
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 41.5 0.0 0.0#

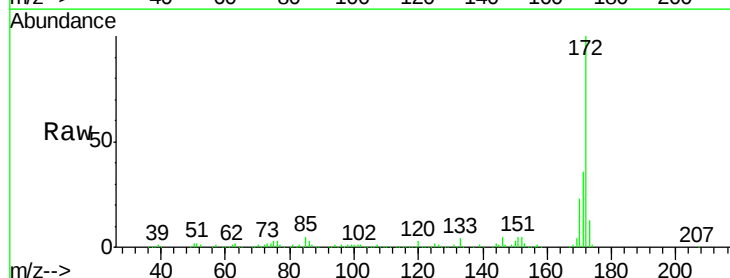


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

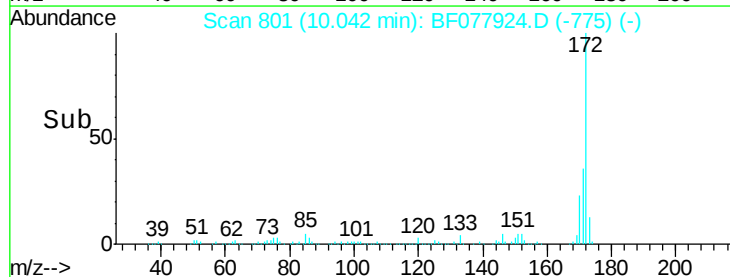
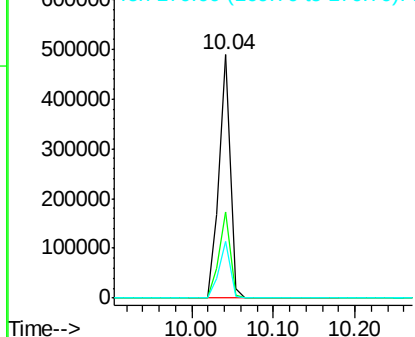


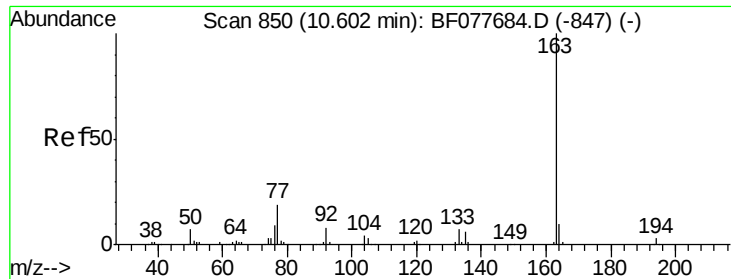
#44
 2-Fluorobiphenyl
 Concen: 70.18 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077924.D
 Acq: 24 Mar 2015 21:16

Tgt Ion:172 Resp: 469375
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.3 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

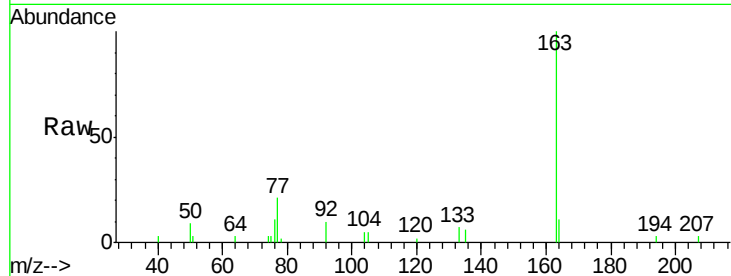




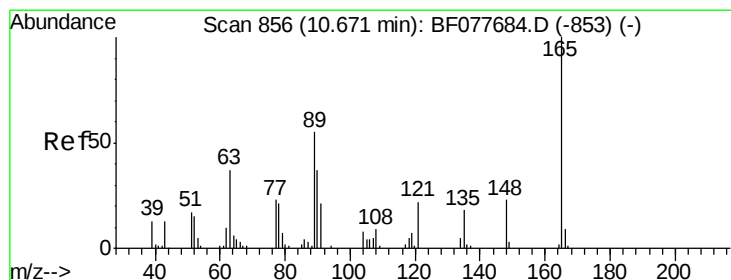
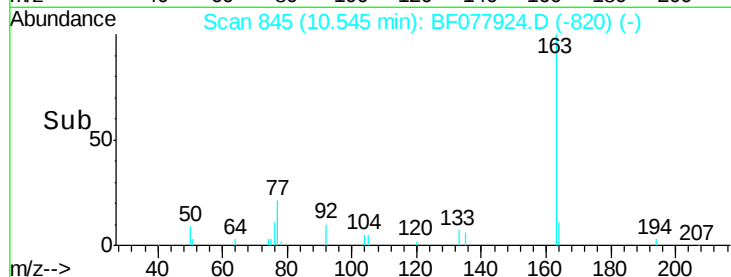
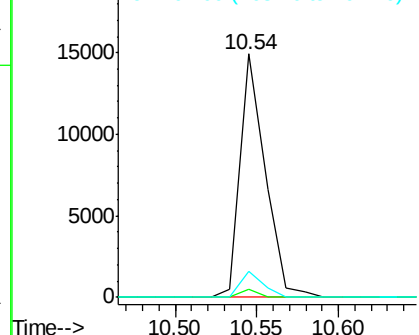
#49
Dimethylphthalate
Concen: 2.16 ng
RT: 10.54 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF077924.D
Acq: 24 Mar 2015 21:16

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:163 Resp: 15724
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.8 8.2 12.2

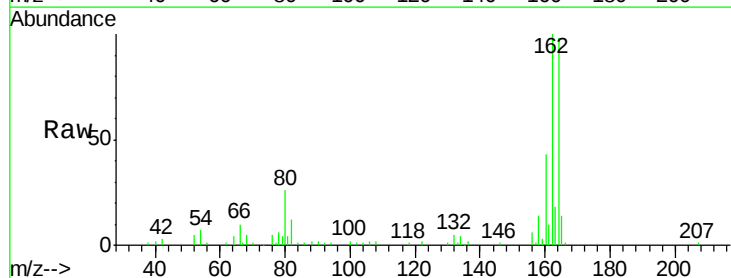


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

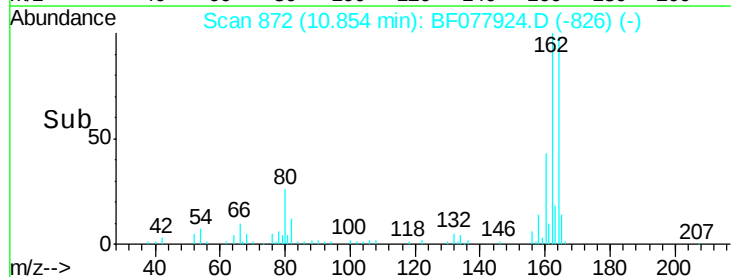
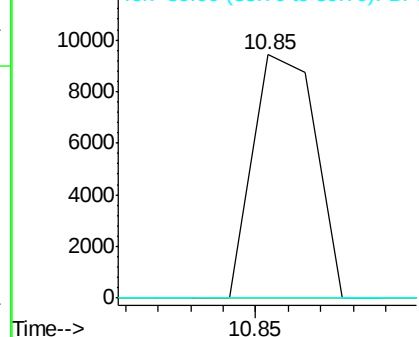


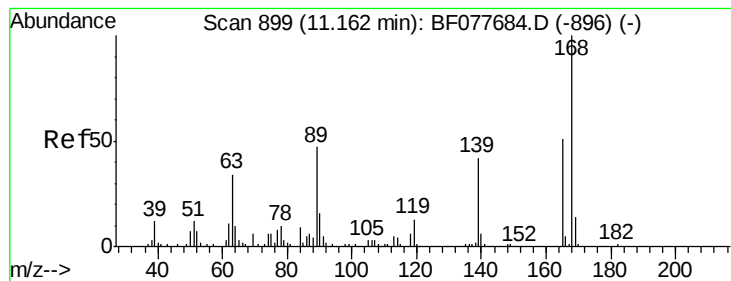
#50
2,6-Dinitrotoluene
Concen: 8.24 ng
RT: 10.85 min Scan# 872
Delta R.T. 0.23 min
Lab File: BF077924.D
Acq: 24 Mar 2015 21:16

Tgt Ion:165 Resp: 12453
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: 10.85 min Scan# 872

Delta R.T. -0.26 min

Lab File: BF077924.D

Acq: 24 Mar 2015 21:16

Instrument :

BNA_F

ClientSampled :

SB-12

Tgt Ion:165 Resp: 12453

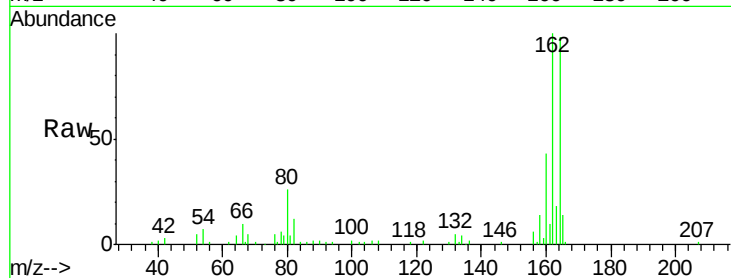
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

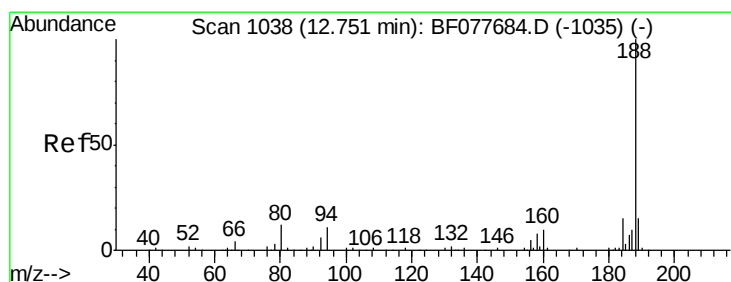
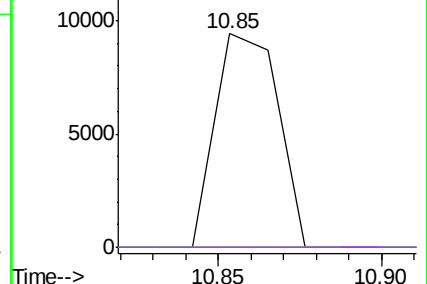
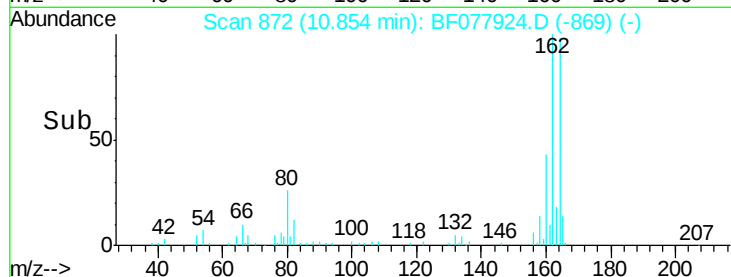


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF077924.D

Acq: 24 Mar 2015 21:16

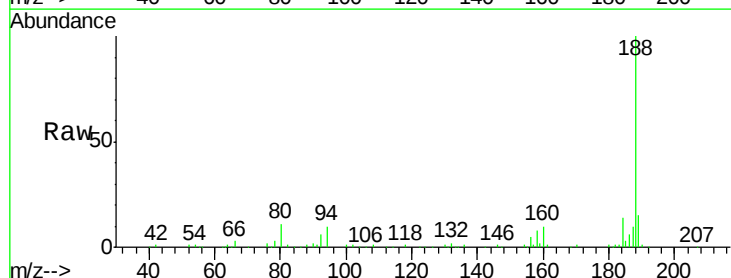
Tgt Ion:188 Resp: 207666

Ion Ratio Lower Upper

188 100

94 10.0 8.7 13.1

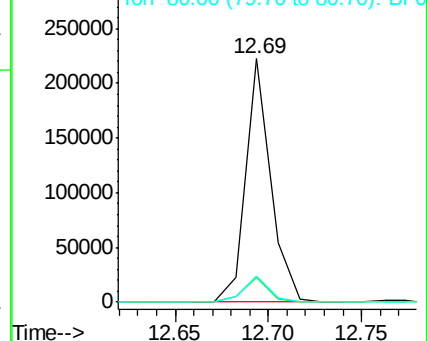
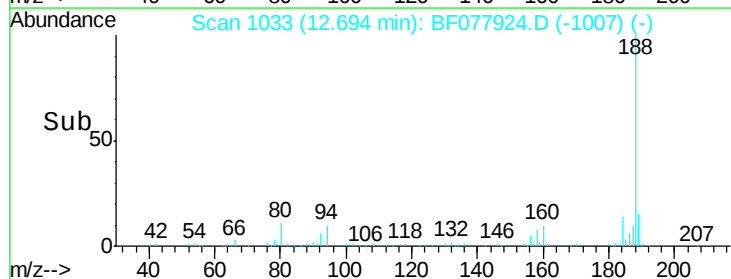
80 10.5 9.3 13.9

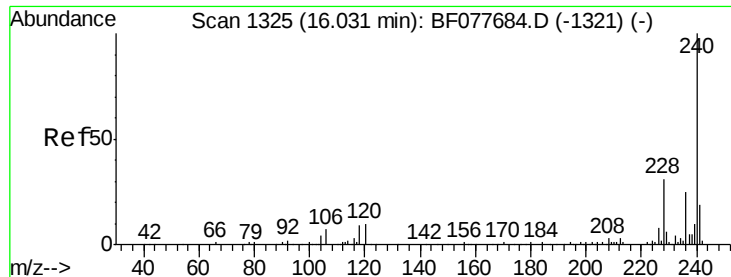


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

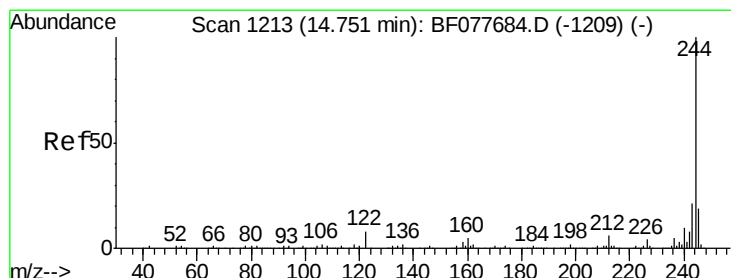
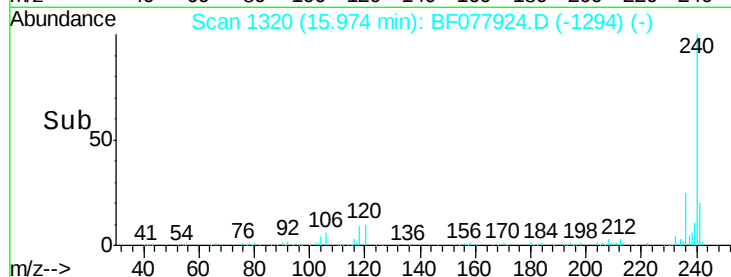
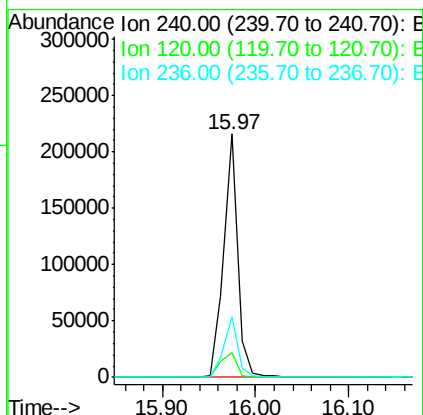
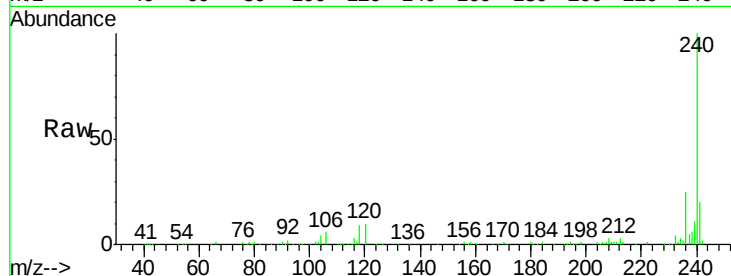




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077924.D
Acq: 24 Mar 2015 21:16

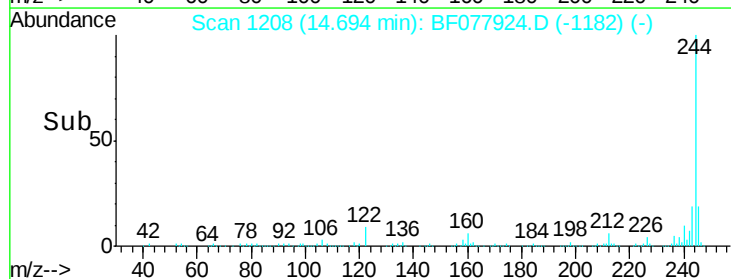
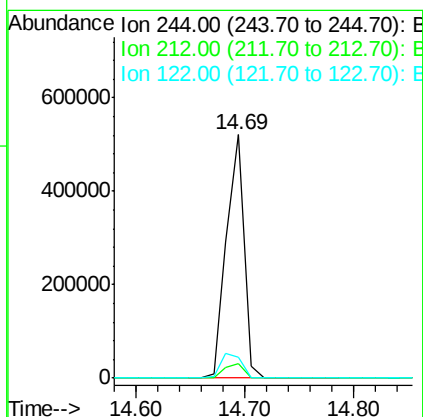
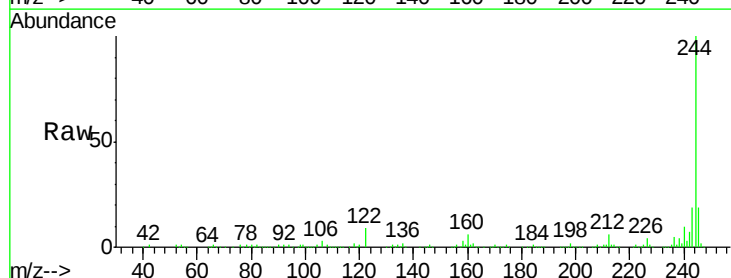
Instrument :
BNA_F
ClientSampled :
SB-12

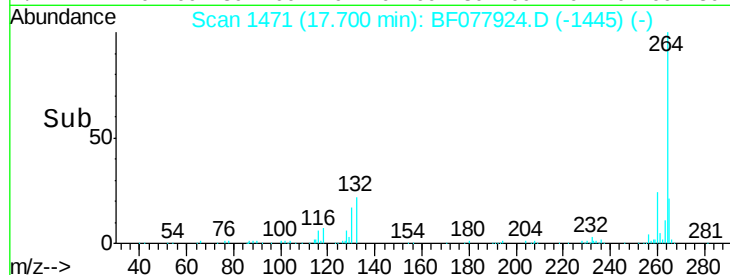
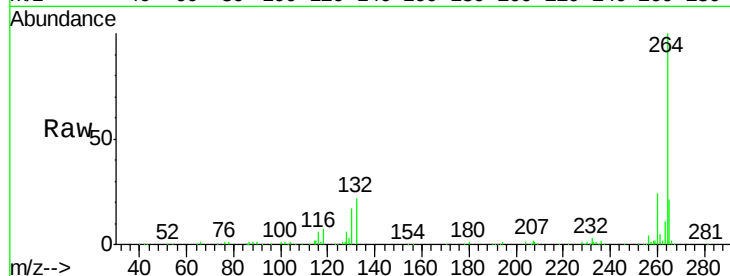
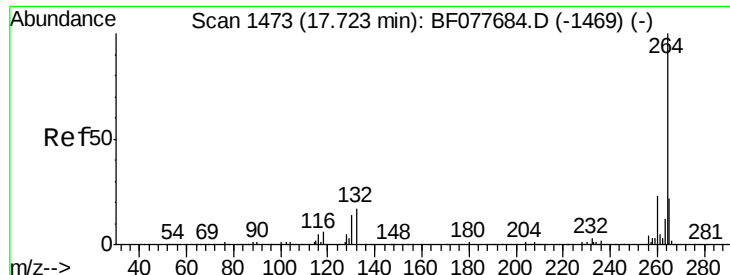
Tgt Ion:240 Resp: 226771
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 24.9 20.0 30.0



#78
Terphenyl-d14
Concen: 62.75 ng
RT: 14.69 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF077924.D
Acq: 24 Mar 2015 21:16

Tgt Ion:244 Resp: 582554
Ion Ratio Lower Upper
244 100
212 6.1 4.9 7.3
122 8.5 6.2 9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF077924.D
Acq: 24 Mar 2015 21:16

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:	264	Resp:	207592
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	20.9	17.3	25.9

