

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077926.D
 Acq On : 24 Mar 2015 22:13
 Operator : TP/IZ
 Sample : G1613-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-2

Quant Time: Mar 25 00:13:12 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

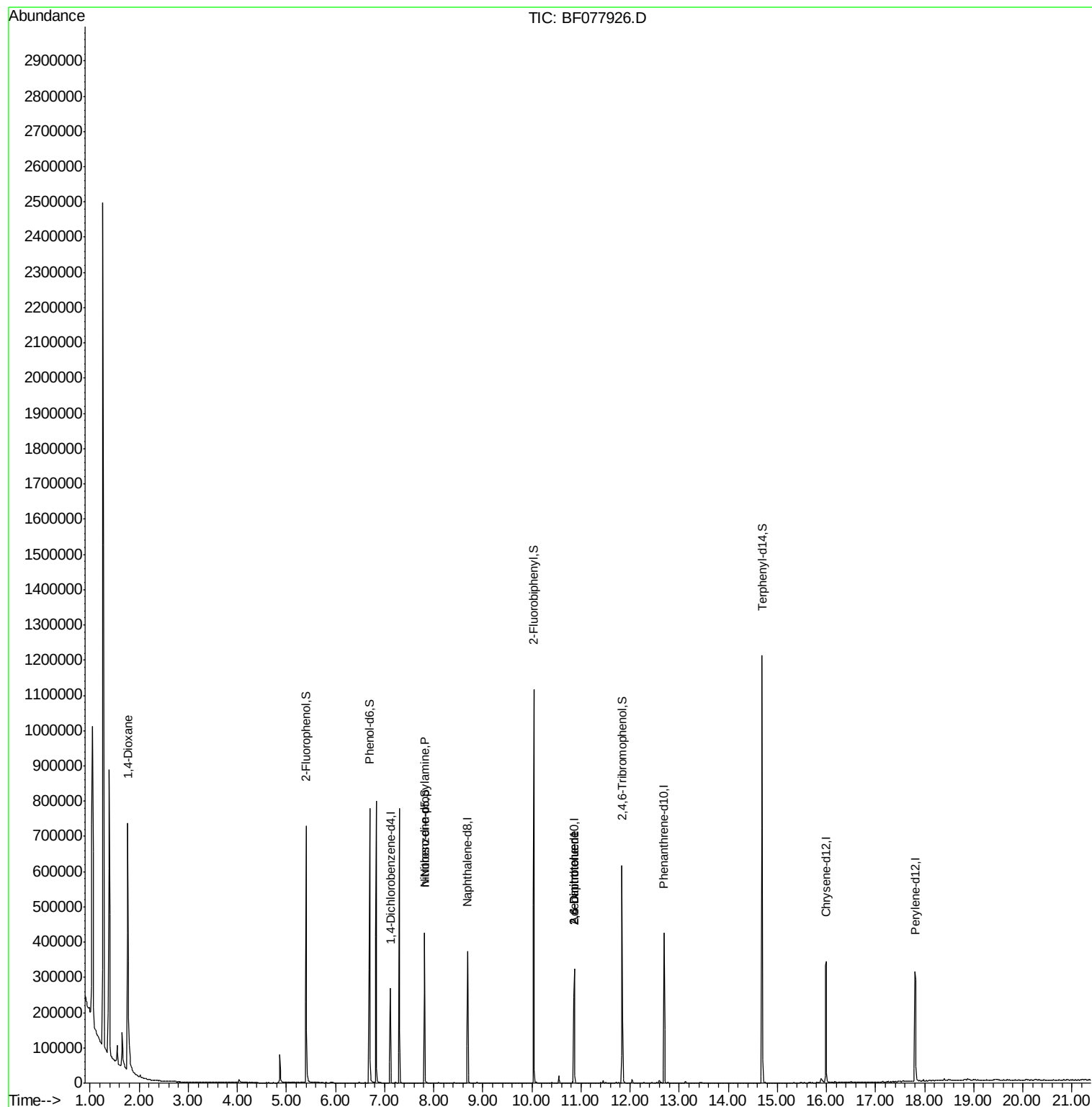
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	43233	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	180995	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	90573	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	178325	20.00	ng	0.00
75) Chrysene-d12	16.00	240	198182	20.00	ng	0.02
86) Perylene-d12	17.81	264	182535	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	246419	99.49	ng	0.00
7) Phenol-d6	6.69	99	322544	105.40	ng	0.00
23) Nitrobenzene-d5	7.81	82	172738	62.56	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	72777	83.98	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	415006	67.34	ng	0.00
78) Terphenyl-d14	14.69	244	502575	61.94	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	33964	30.20	ng	# 100
19) n-Nitroso-di-n-propylamine	7.81	70	21431	10.12	ng	# 77
50) 2,6-Dinitrotoluene	10.86	165	11318	8.13	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	11318	6.23	ng	# 11

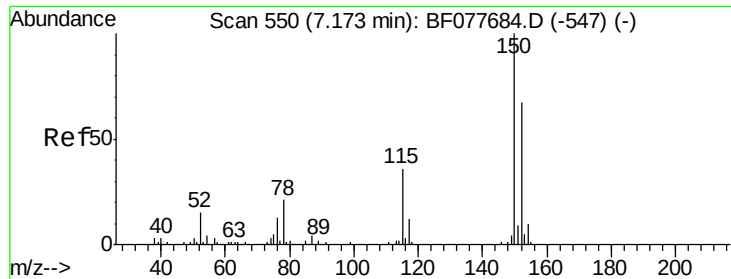
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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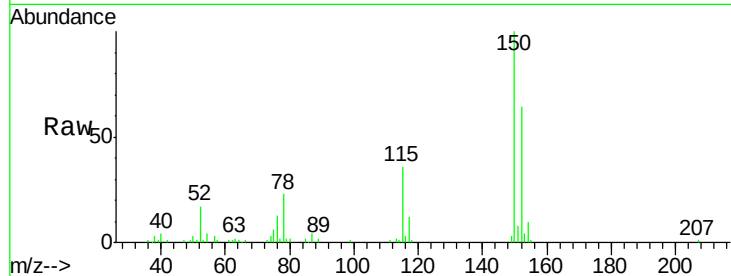


#1

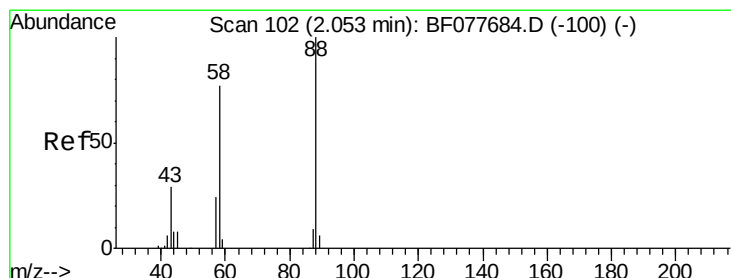
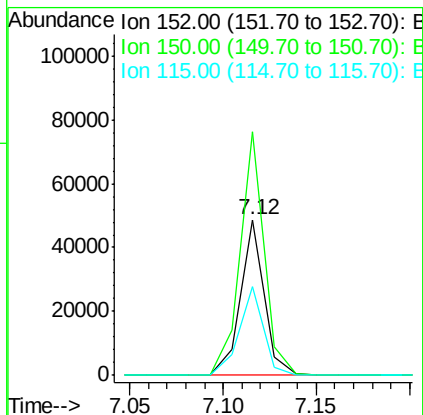
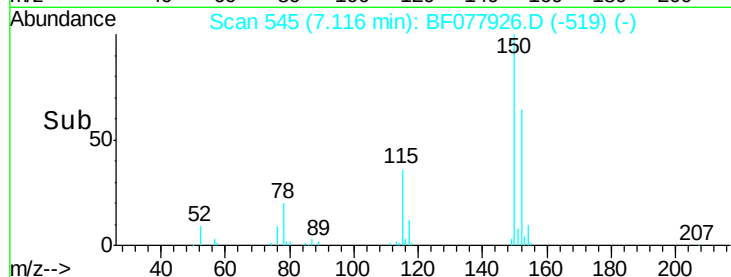
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077926.D
Acq: 24 Mar 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SB-5-2

Tgt Ion:152 Resp: 43233
Ion Ratio Lower Upper
152 100
150 156.4 119.5 179.3
115 57.0 43.0 64.4



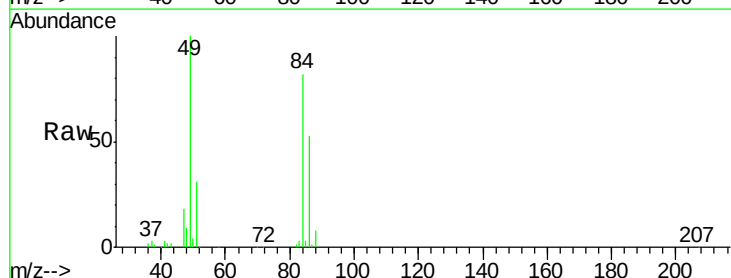
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



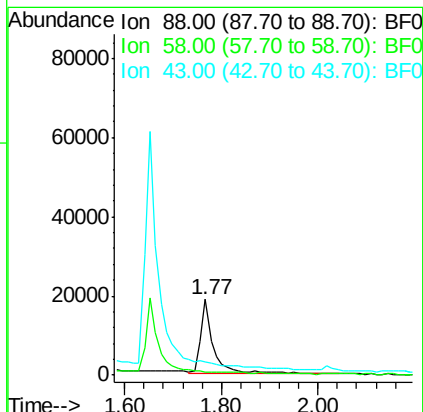
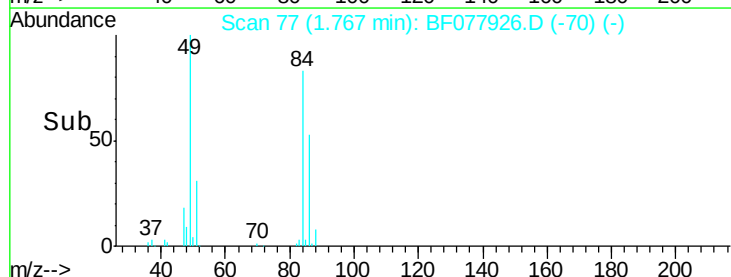
#2

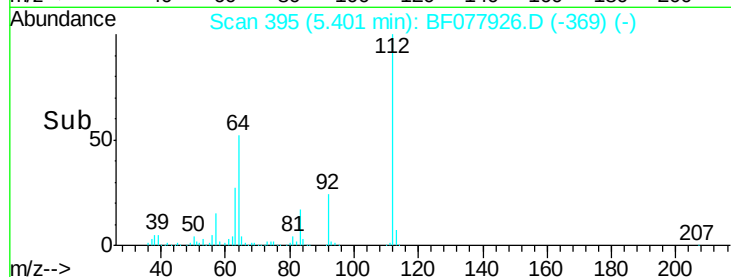
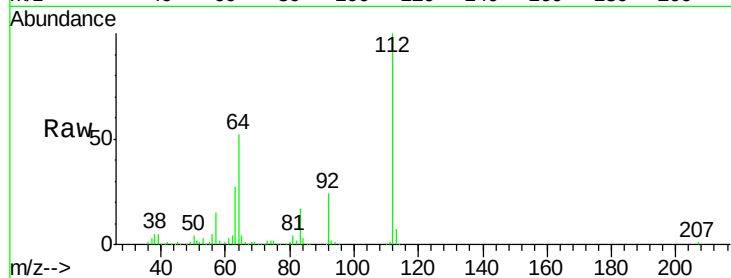
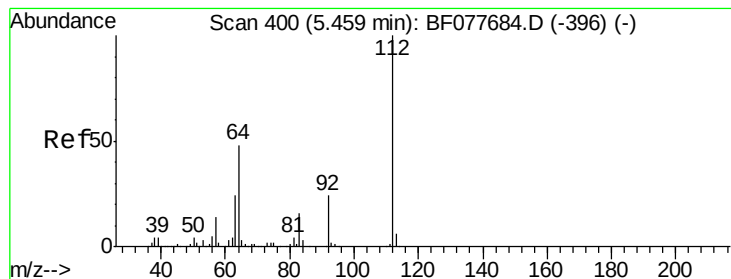
1,4-Dioxane
Concen: 30.20 ng
RT: 1.77 min Scan# 77
Delta R.T. -0.22 min
Lab File: BF077926.D
Acq: 24 Mar 2015 22:13

Tgt Ion: 88 Resp: 33964
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: 99.49 ng

RT: 5.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF077926.D

Acq: 24 Mar 2015 22:13

Instrument :

BNA_F

ClientSampleId :

SB-5-2

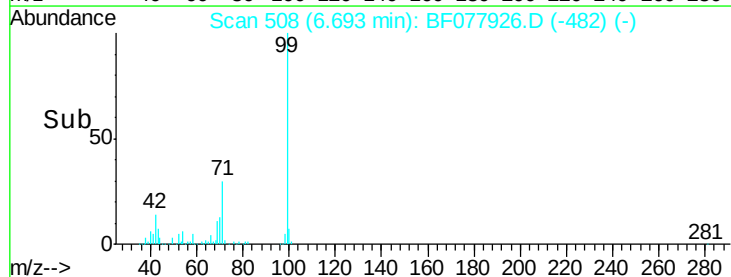
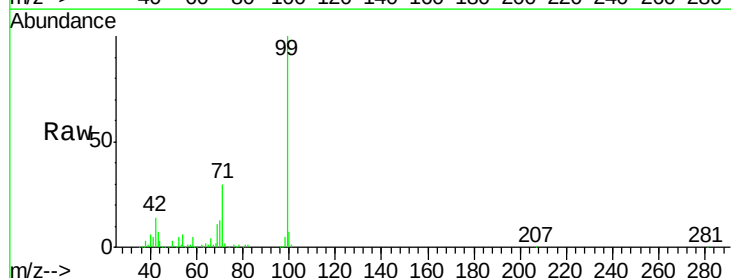
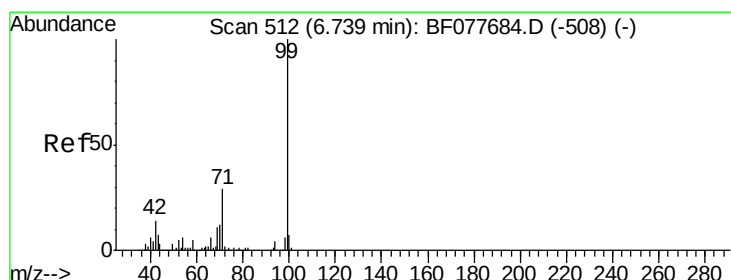
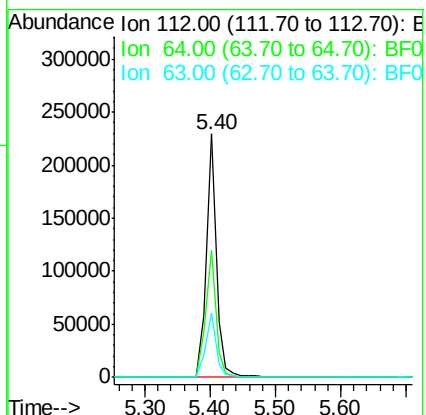
Tgt Ion: 112 Resp: 246419

Ion Ratio Lower Upper

112 100

64 52.5 38.6 57.8

63 26.7 19.3 28.9



#7

Phenol-d6

Concen: 105.40 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077926.D

Acq: 24 Mar 2015 22:13

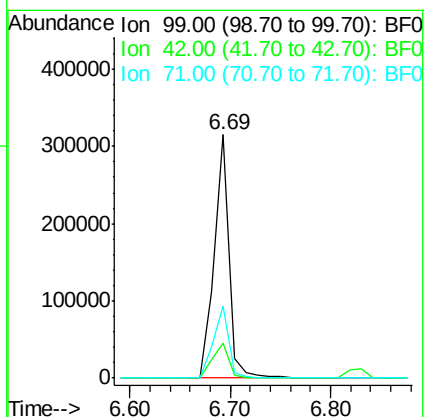
Tgt Ion: 99 Resp: 322544

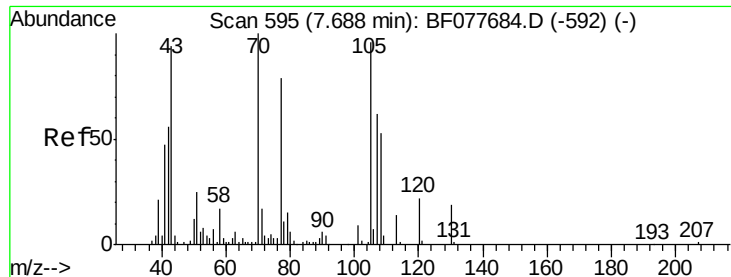
Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.4

71 29.6 23.4 35.2

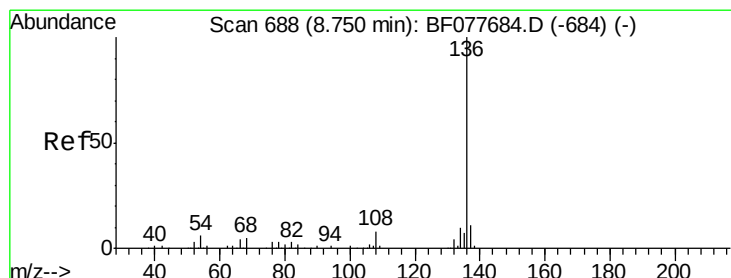
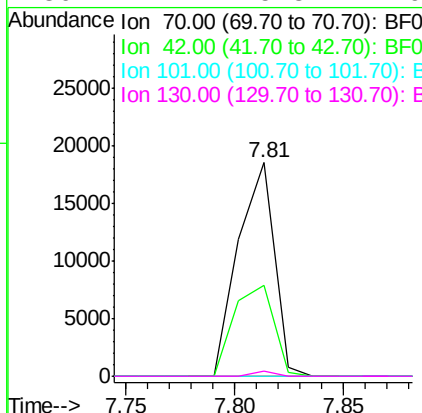
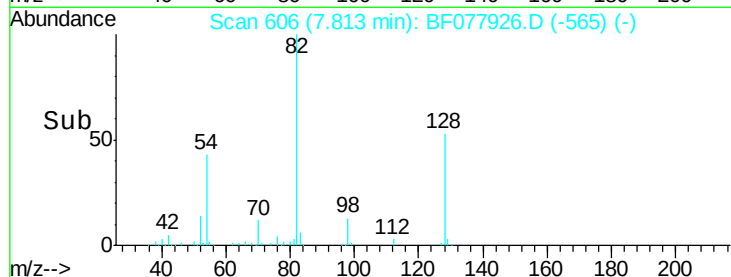
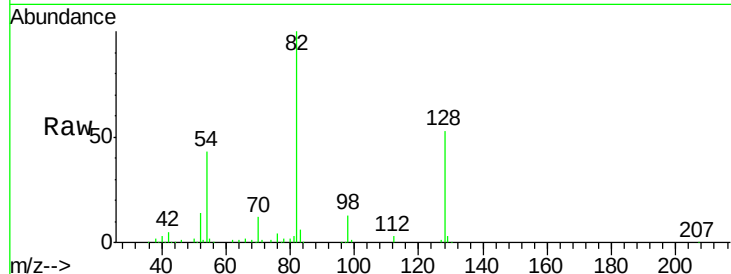




#19
n-Nitroso-di-n-propylamine
Concen: 10.12 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.17 min
Lab File: BF077926.D
Acq: 24 Mar 2015 22:13

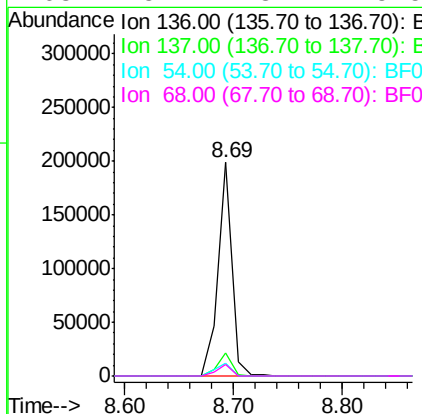
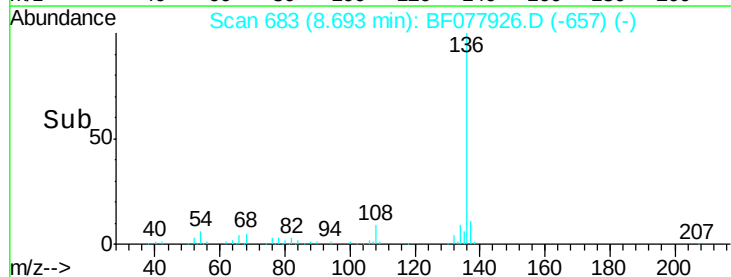
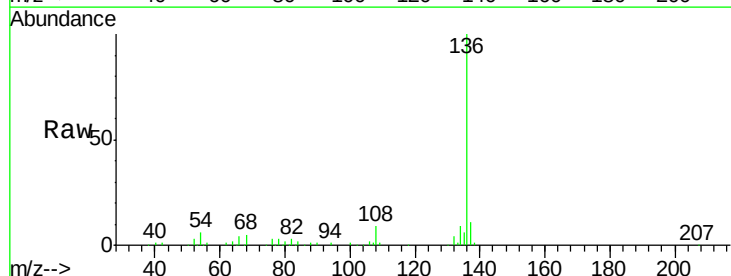
Instrument :
BNA_F
ClientSampled :
SB-5-2

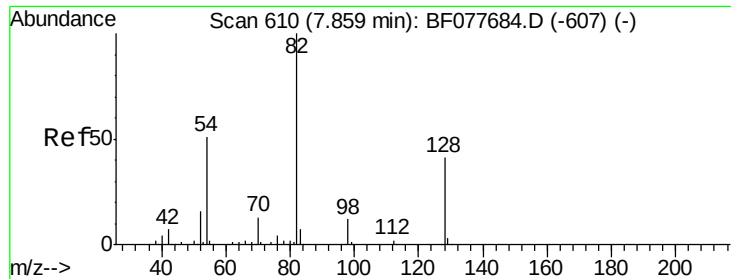
Tgt Ion: 70 Resp: 21431
Ion Ratio Lower Upper
70 100
42 42.6 44.5 66.7#
101 0.0 7.4 11.2#
130 2.4 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077926.D
Acq: 24 Mar 2015 22:13

Tgt Ion: 136 Resp: 180995
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.1 4.6 6.8
68 5.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 62.56 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF077926.D

Acq: 24 Mar 2015 22:13

Instrument :

BNA_F

ClientSampleId :

SB-5-2

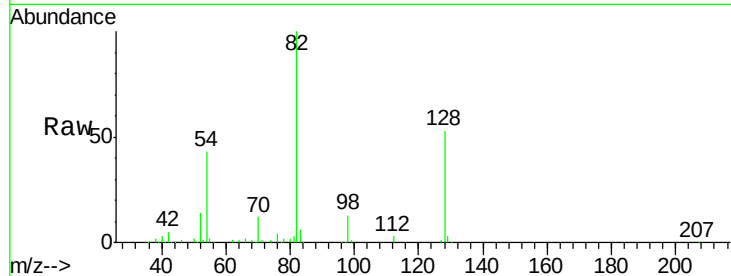
Tgt Ion: 82 Resp: 172738

Ion Ratio Lower Upper

82 100

128 52.5 32.8 49.2#

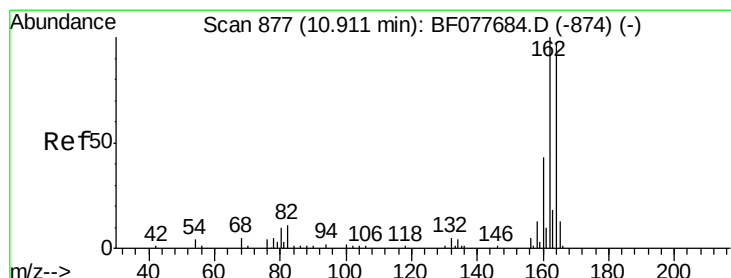
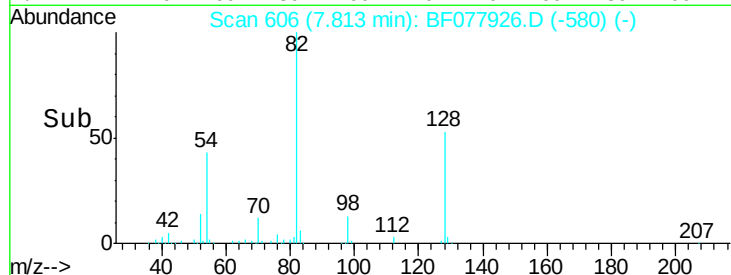
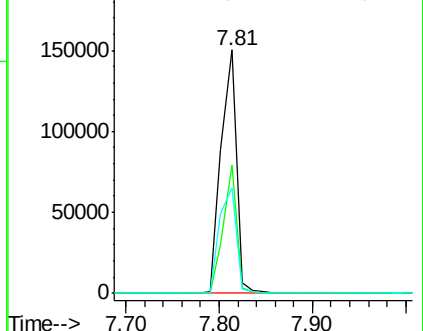
54 43.1 40.6 60.8



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: BF077926.D

Acq: 24 Mar 2015 22:13

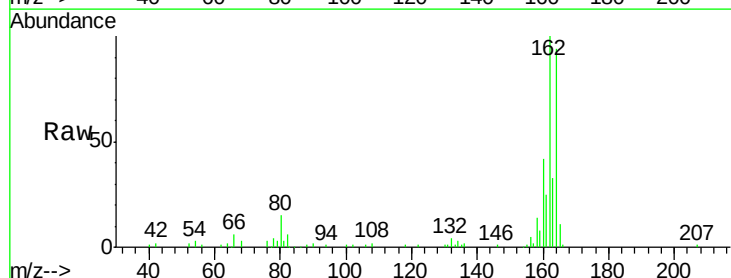
Tgt Ion: 164 Resp: 90573

Ion Ratio Lower Upper

164 100

162 106.7 82.4 123.6

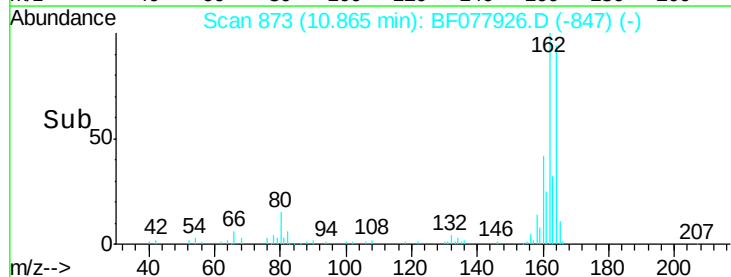
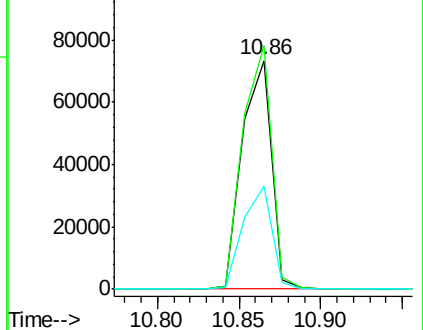
160 45.1 35.8 53.6

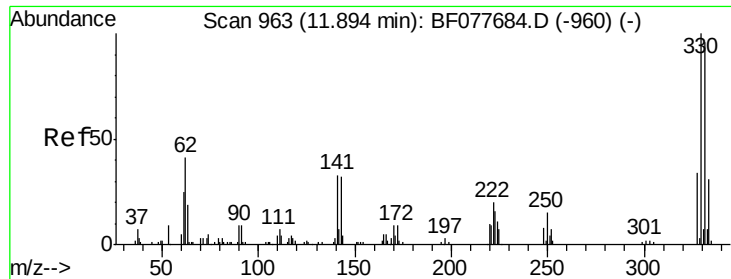


Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

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

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

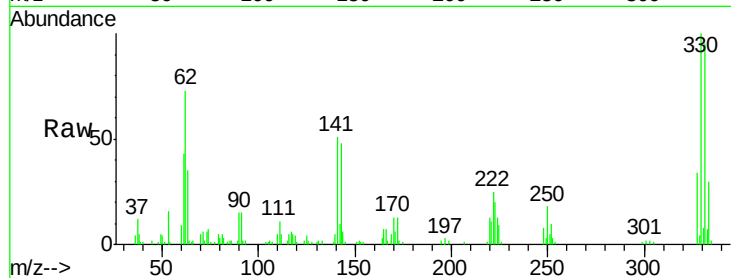




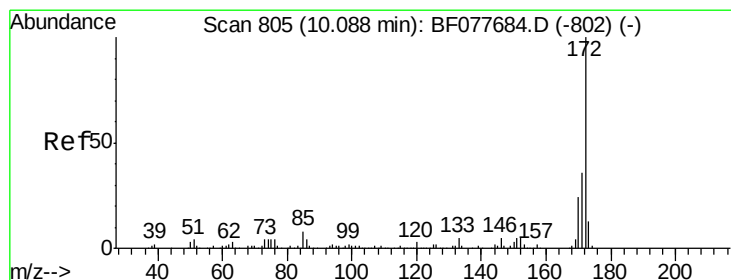
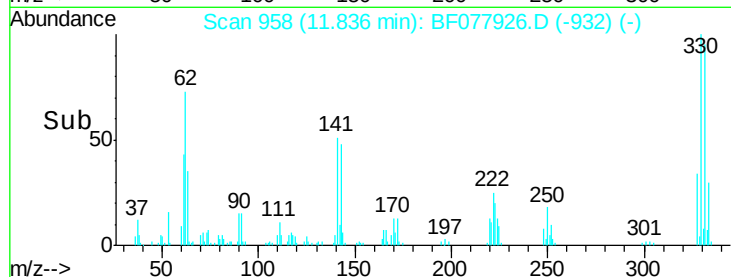
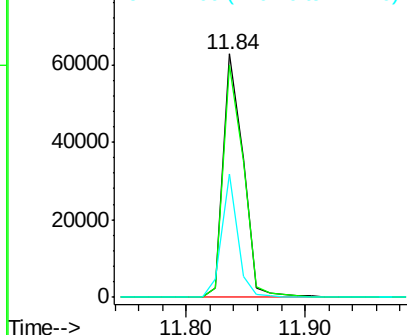
#41
 2,4,6-Tribromophenol
 Concen: 83.98 ng
 RT: 11.84 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF077926.D
 Acq: 24 Mar 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-2

Tgt Ion:330 Resp: 72777
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 40.4 0.0 0.0#

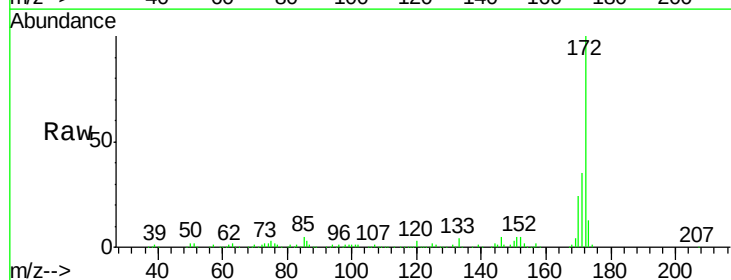


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

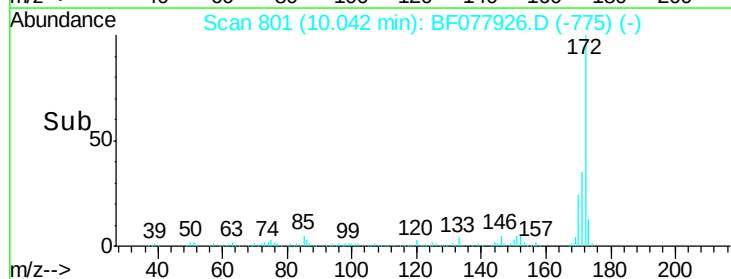
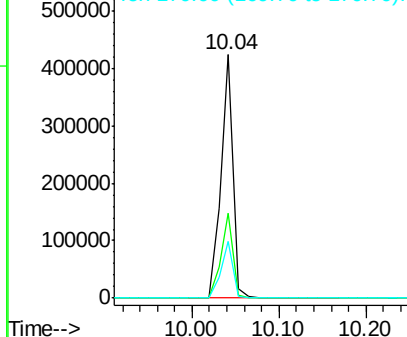


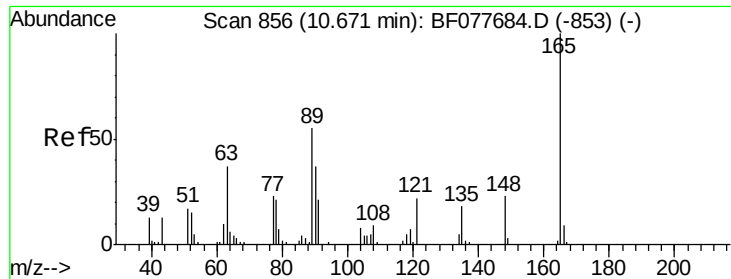
#44
 2-Fluorobiphenyl
 Concen: 67.34 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077926.D
 Acq: 24 Mar 2015 22:13

Tgt Ion:172 Resp: 415006
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.5 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

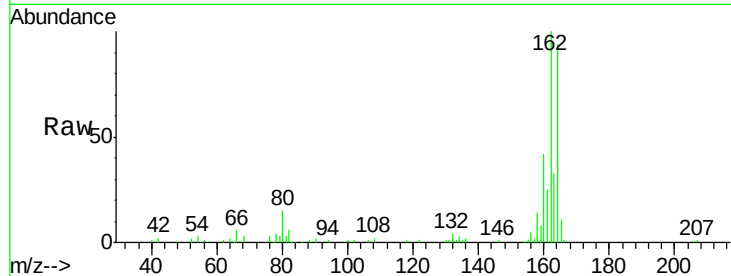




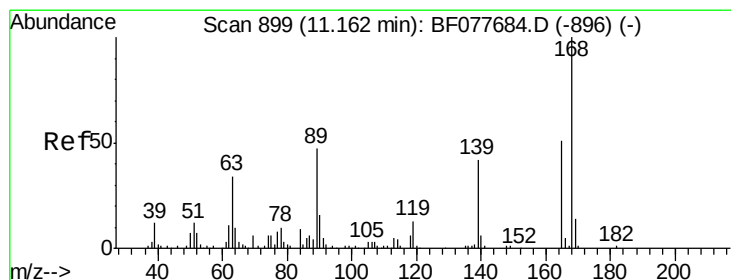
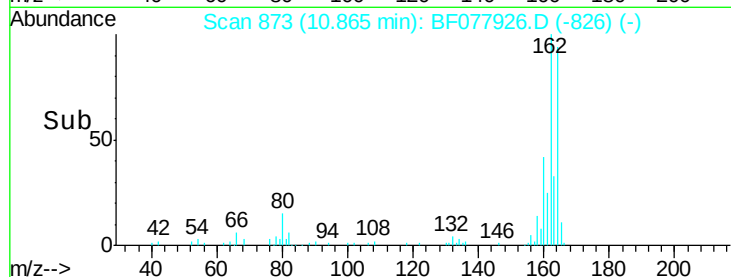
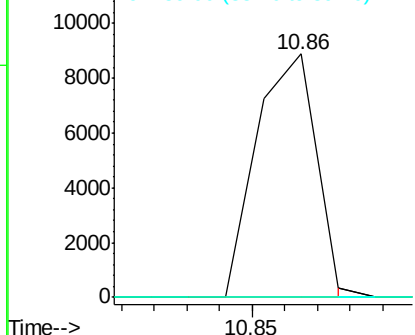
#50
 2,6-Dinitrotoluene
 Concen: 8.13 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.24 min
 Lab File: BF077926.D
 Acq: 24 Mar 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-2

Tgt Ion:165 Resp: 11318
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

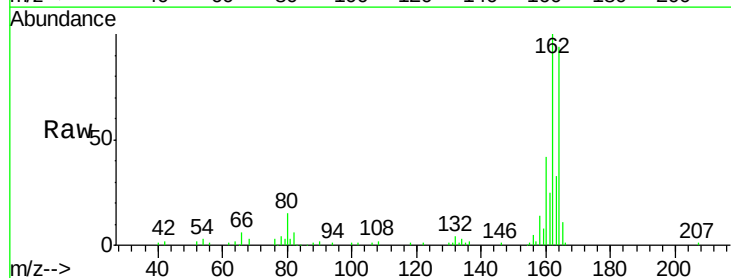


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

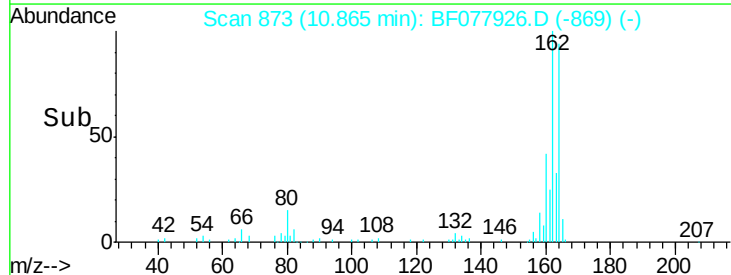
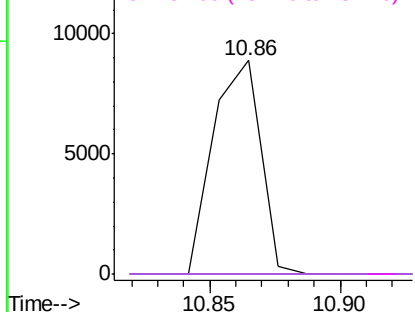


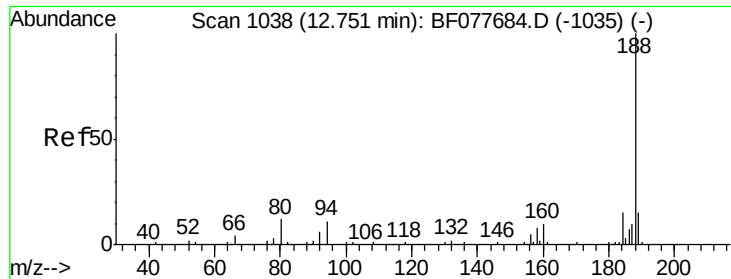
#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077926.D
 Acq: 24 Mar 2015 22:13

Tgt Ion:165 Resp: 11318
 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

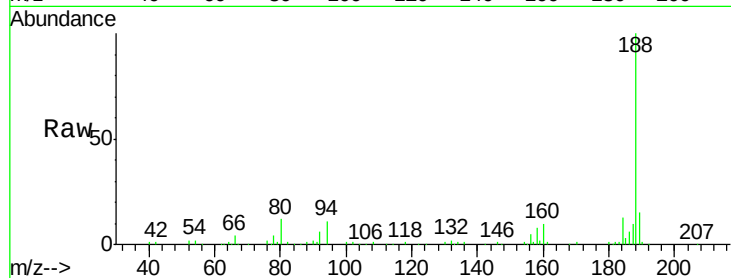




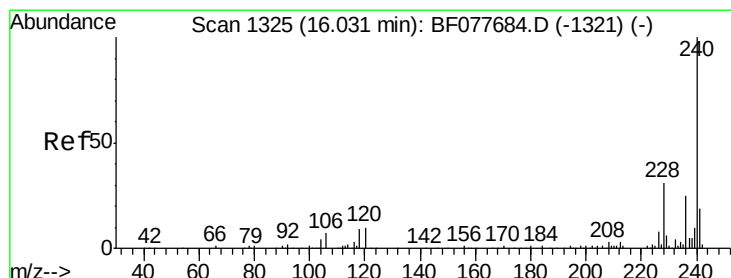
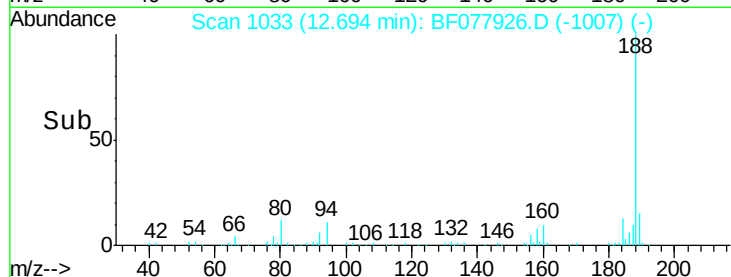
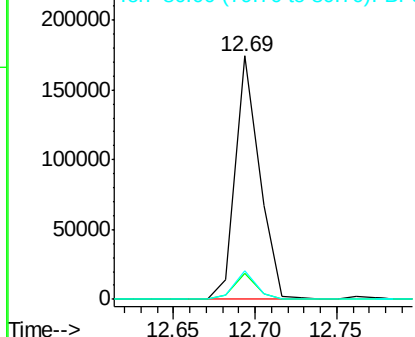
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF077926.D
Acq: 24 Mar 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SB-5-2

Tgt Ion:188 Resp: 178325
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.7 9.3 13.9

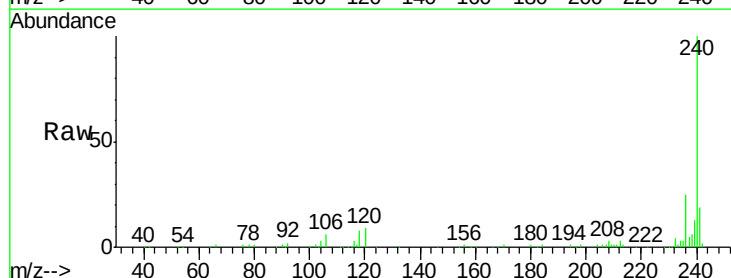


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

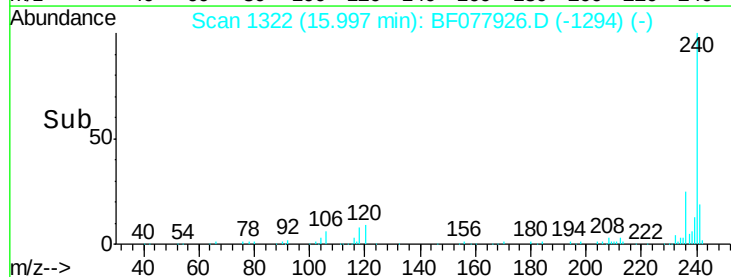
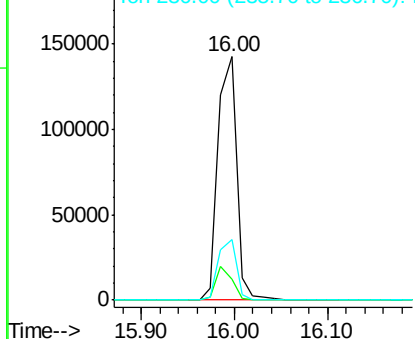


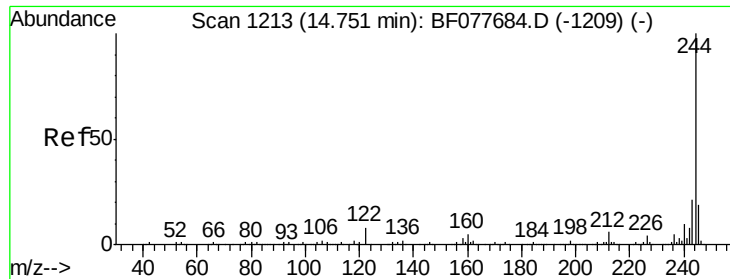
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1322
Delta R.T. 0.02 min
Lab File: BF077926.D
Acq: 24 Mar 2015 22:13

Tgt Ion:240 Resp: 198182
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.2
236 25.1 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

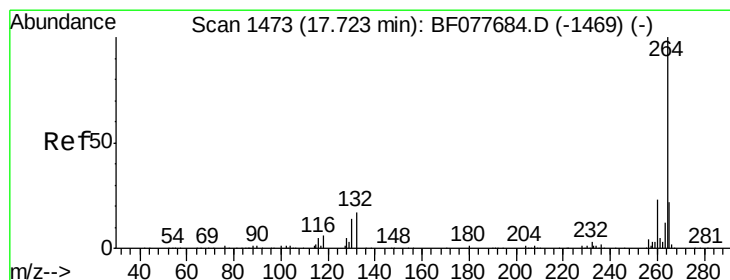
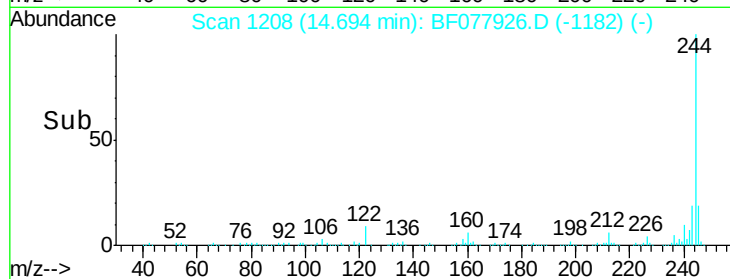
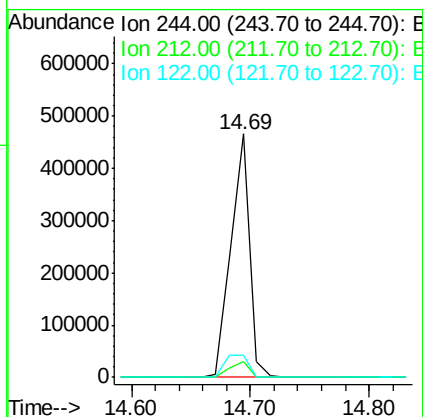
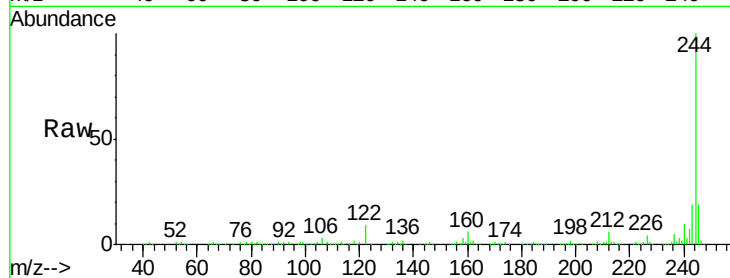




#78
 Terphenyl-d14
 Concen: 61.94 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077926.D
 Acq: 24 Mar 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-2

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	4.9	7.3
122	9.1	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.81 min Scan# 1481
 Delta R.T. 0.11 min
 Lab File: BF077926.D
 Acq: 24 Mar 2015 22:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	20.7	17.3	25.9

