

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
 Data File : BF077868.D
 Acq On : 20 Mar 2015 17:33
 Operator : TP/IZ
 Sample : G1604-02
 Misc : W/DOD
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0118

Quant Time: Mar 20 23:05:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 23:52:05 2015
 Response via : Initial Calibration

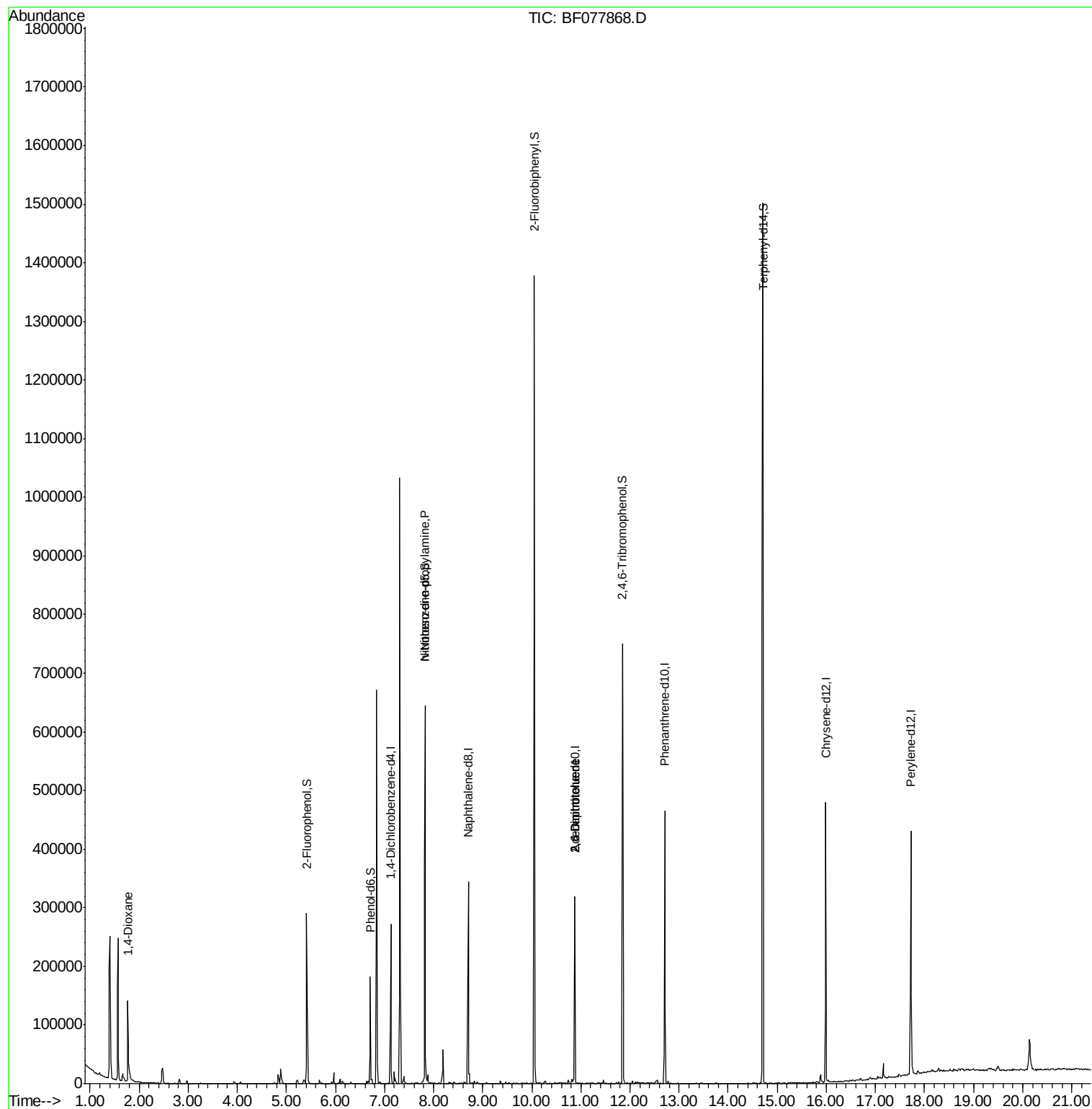
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	46419	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	184481	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	91922	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	183118	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	190189	20.00	ng	-0.02
86) Perylene-d12	17.72	264	181817	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	99196	37.30	ng	0.00
7) Phenol-d6	6.70	99	71959	21.90	ng	0.00
23) Nitrobenzene-d5	7.82	82	246339	87.53	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	84080	95.60	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	535695	85.64	ng	0.00
78) Terphenyl-d14	14.71	244	586650	75.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	5352	4.43	ng	# 100
19) n-Nitroso-di-n-propylamine	7.82	70	30910	13.60	ng	# 78
50) 2,6-Dinitrotoluene	10.88	165	11386	8.06	ng	# 24
56) 2,4-Dinitrotoluene	10.88	165	11386	6.18	ng	# 11
76) Benzidine	14.41	184	596	Below Cal		# 68

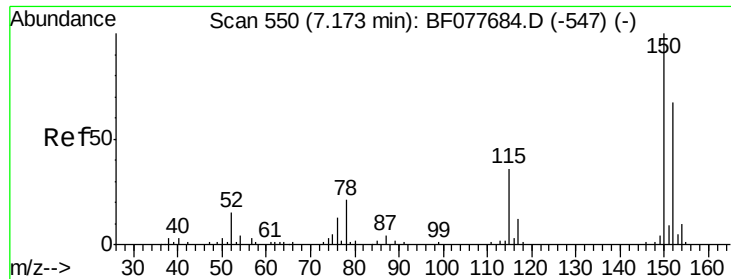
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 20 23:52:05 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077868.D

Acq: 20 Mar 2015 17:33

Instrument :

BNA_F

ClientSampled :

Z2-0118

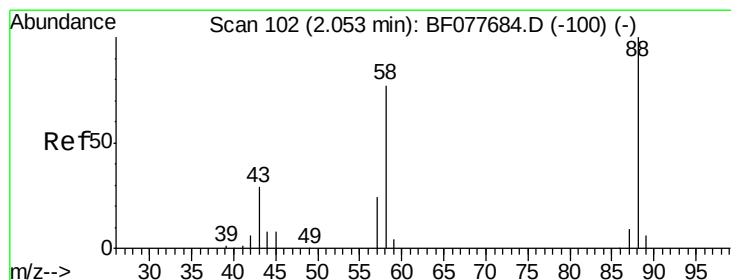
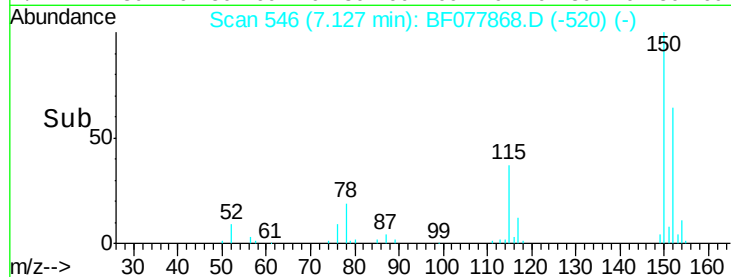
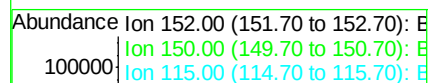
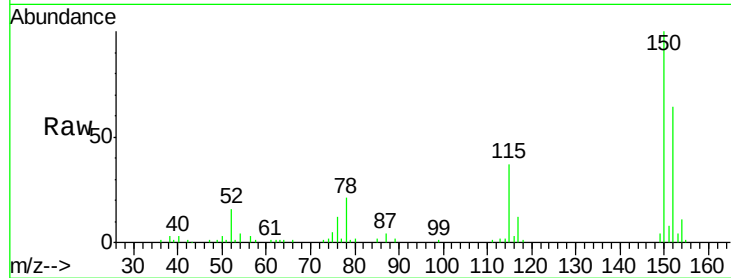
Tgt Ion:152 Resp: 46419

Ion Ratio Lower Upper

152 100

150 156.3 119.5 179.3

115 57.8 43.0 64.4



#2

1,4-Dioxane

Concen: 4.43 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.23 min

Lab File: BF077868.D

Acq: 20 Mar 2015 17:33

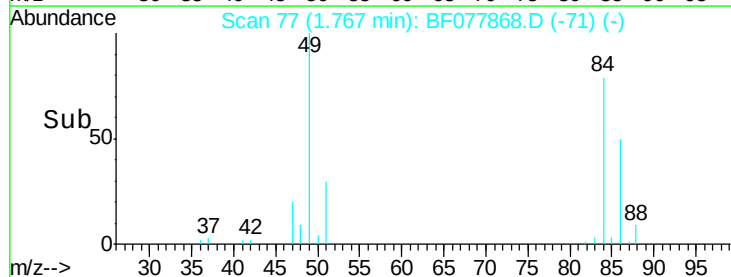
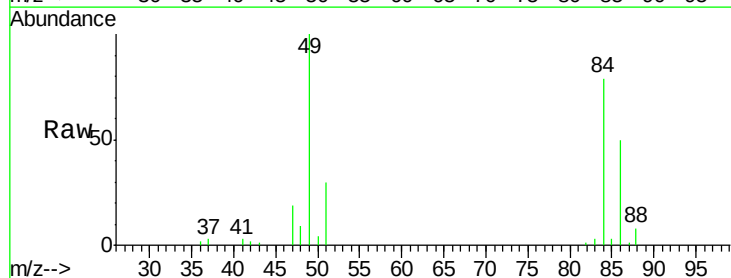
Tgt Ion: 88 Resp: 5352

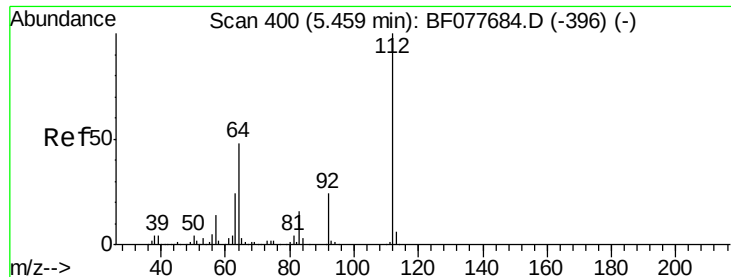
Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

43 0.0 0.0 0.0





#5

2-Fluorophenol

Concen: 37.30 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077868.D

Acq: 20 Mar 2015 17:33

Instrument :

BNA_F

ClientSampleId :

Z2-0118

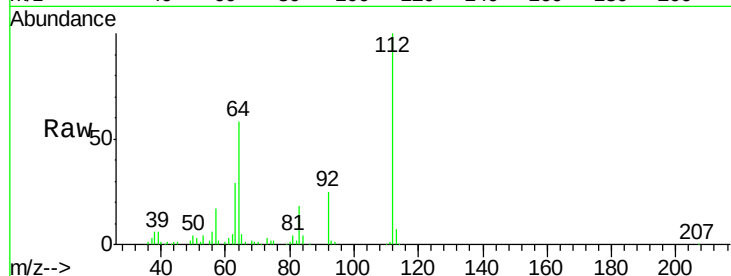
Tgt Ion: 112 Resp: 99196

Ion Ratio Lower Upper

112 100

64 58.1 38.6 57.8#

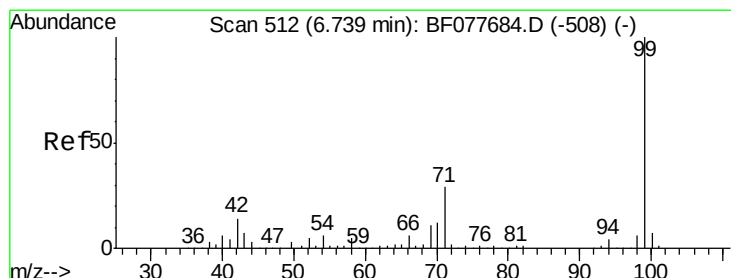
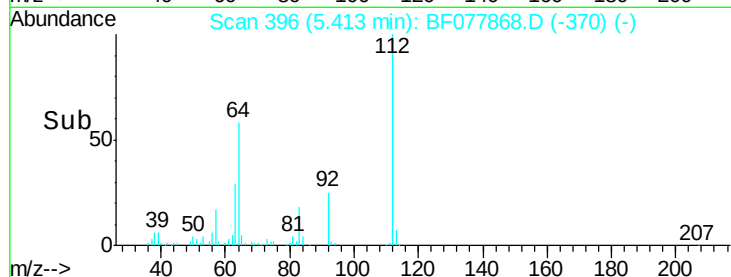
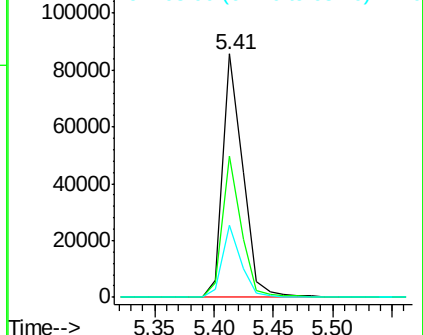
63 29.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 21.90 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077868.D

Acq: 20 Mar 2015 17:33

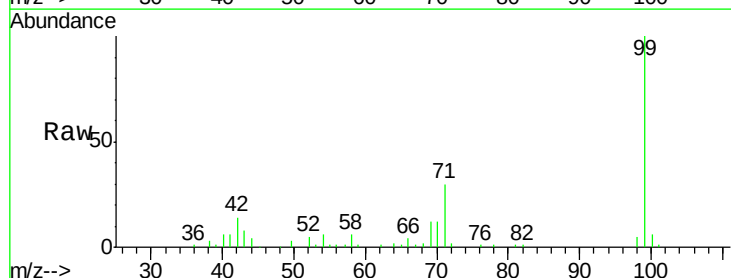
Tgt Ion: 99 Resp: 71959

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.4

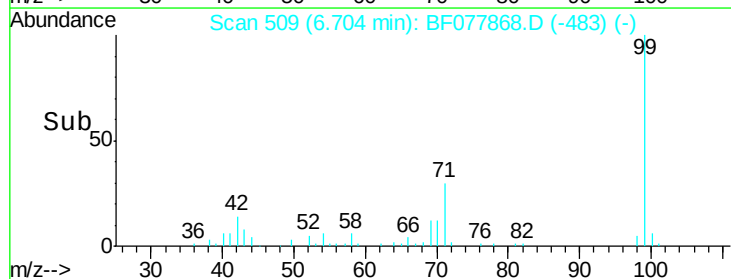
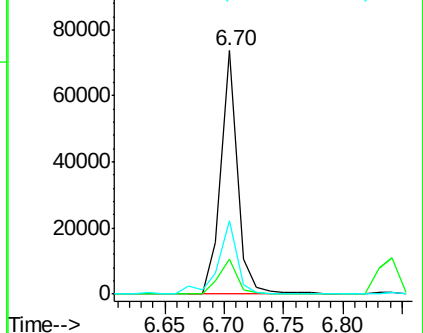
71 30.4 23.4 35.2

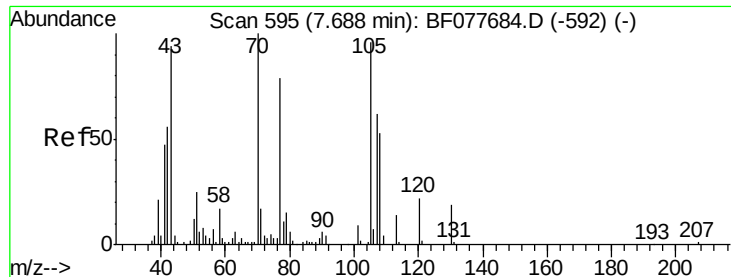


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.60 ng

RT: 7.82 min Scan# 607

Delta R.T. 0.17 min

Lab File: BF077868.D

Acq: 20 Mar 2015 17:33

Instrument :

BNA_F

ClientSampleId :

Z2-0118

Tgt Ion: 70 Resp: 30910

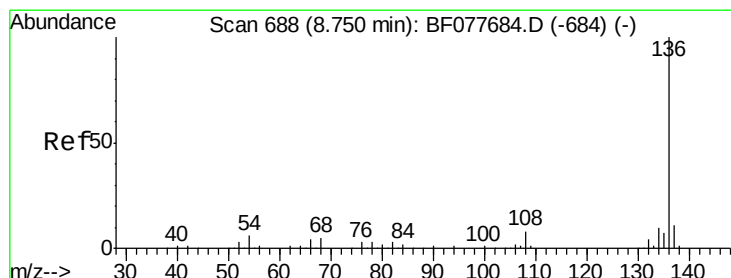
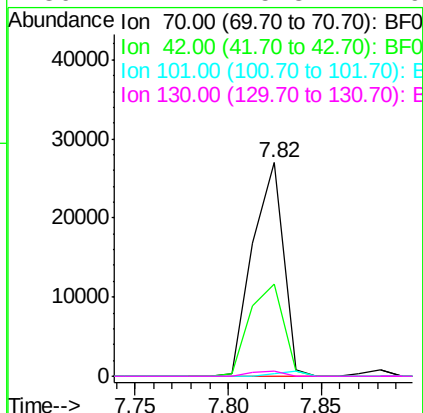
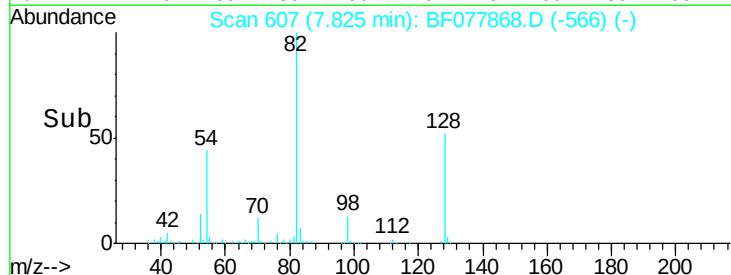
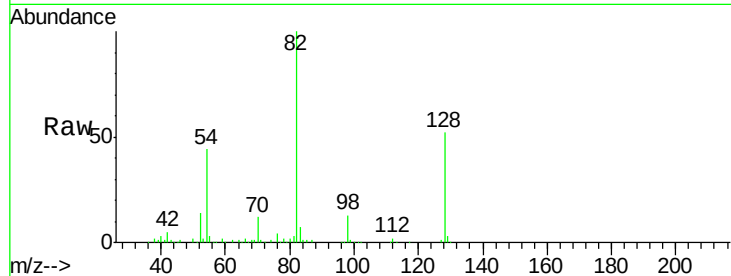
Ion Ratio Lower Upper

70 100

42 43.4 44.5 66.7#

101 1.5 7.4 11.2#

130 2.7 15.3 22.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.70 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF077868.D

Acq: 20 Mar 2015 17:33

Tgt Ion: 136 Resp: 184481

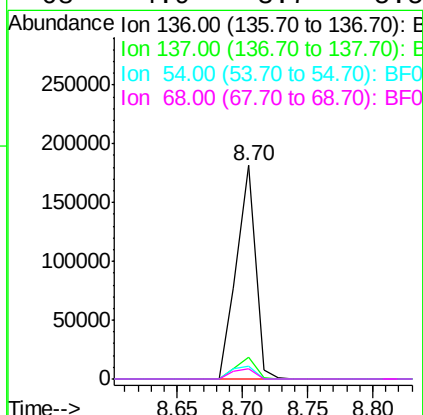
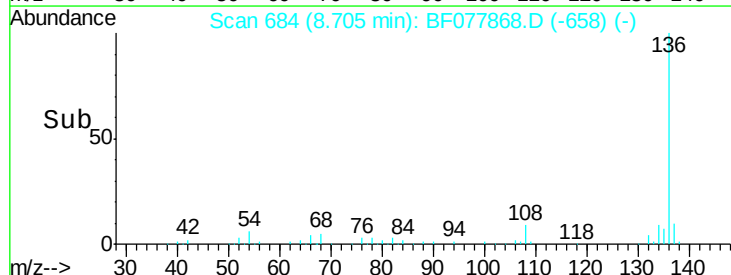
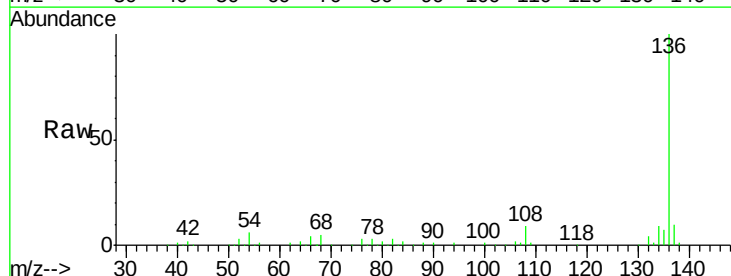
Ion Ratio Lower Upper

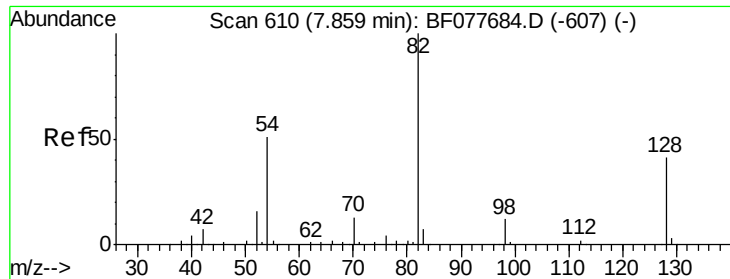
136 100

137 10.4 8.7 13.1

54 6.0 4.6 6.8

68 4.9 3.7 5.5

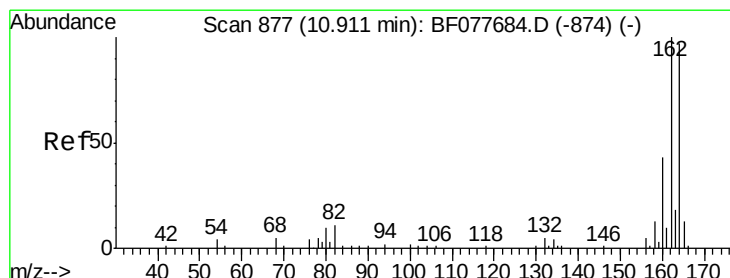
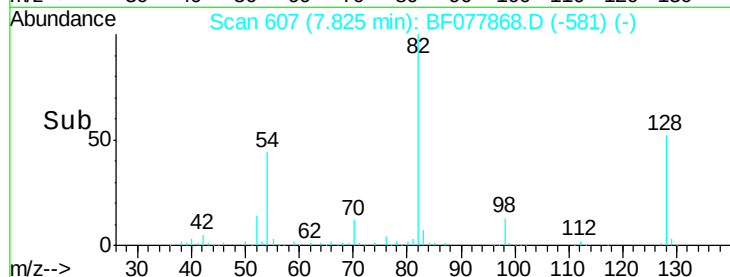
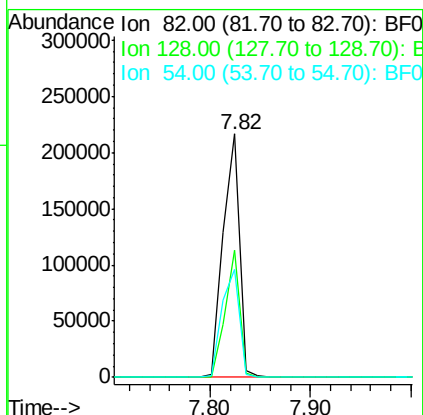
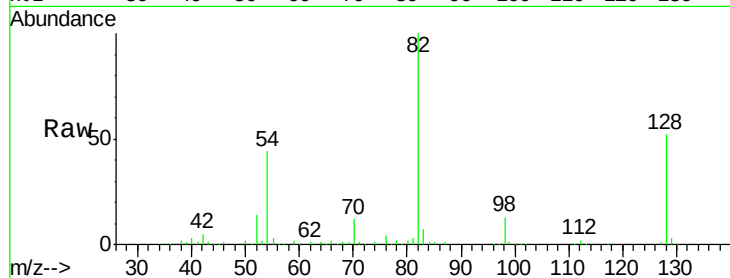




#23
 Nitrobenzene-d5
 Concen: 87.53 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077868.D
 Acq: 20 Mar 2015 17:33

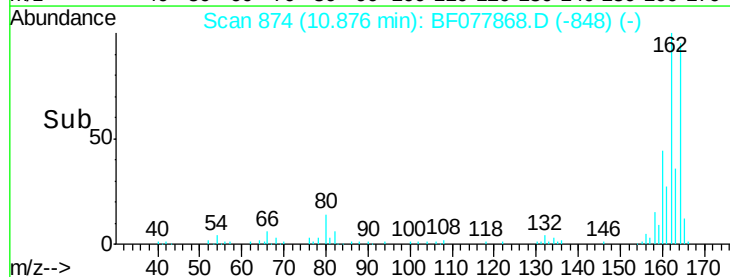
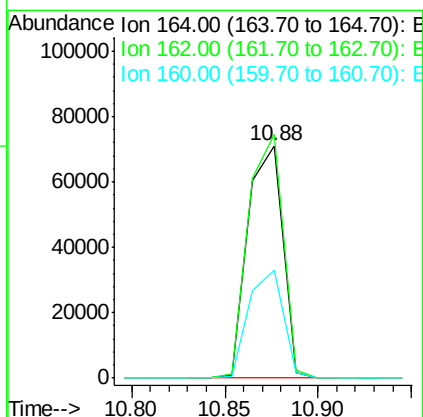
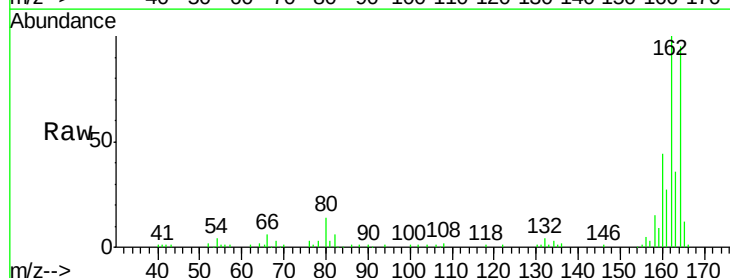
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0118

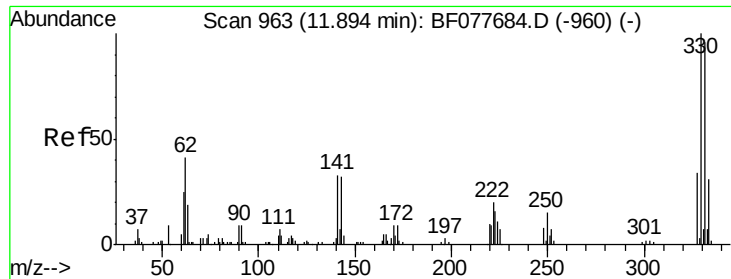
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.1	32.8	49.2#
54	44.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF077868.D
 Acq: 20 Mar 2015 17:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.4	123.6
160	46.4	35.8	53.6

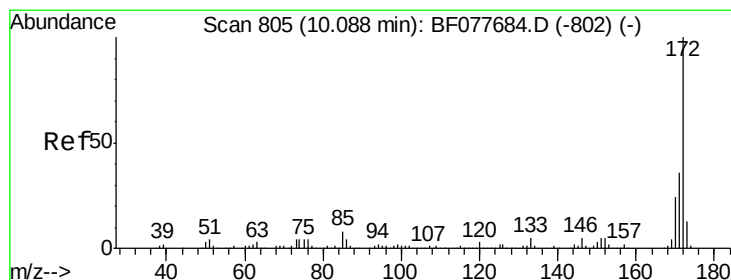
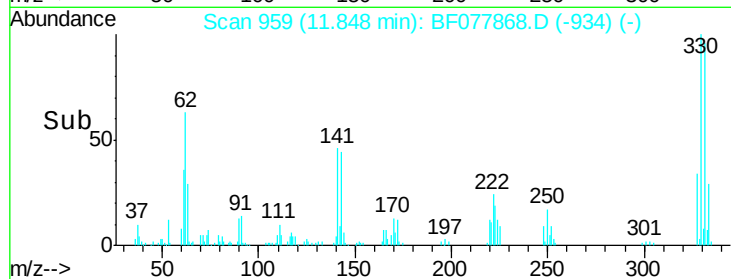
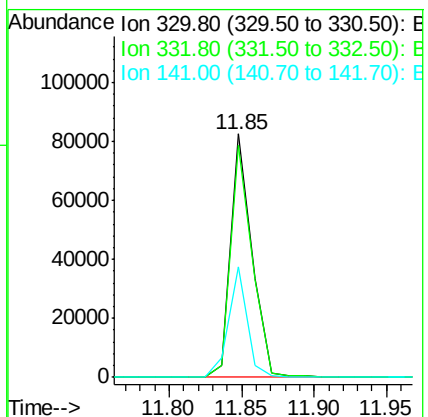
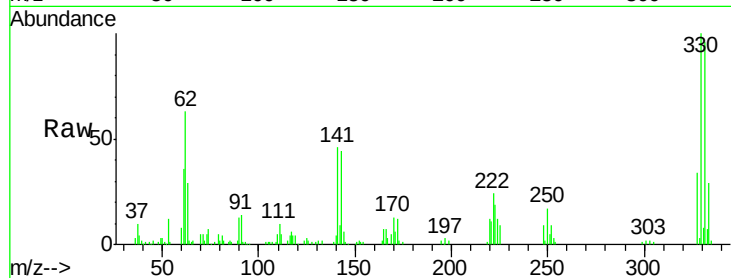




#41
 2,4,6-Tribromophenol
 Concen: 95.60 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF077868.D
 Acq: 20 Mar 2015 17:33

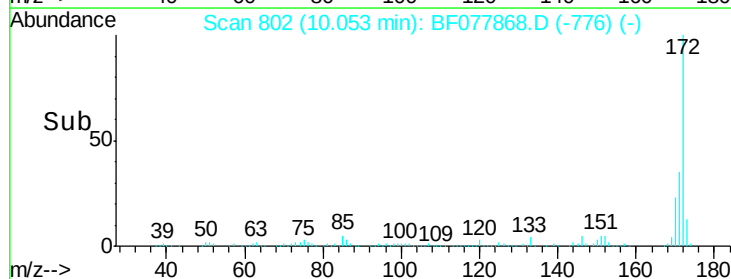
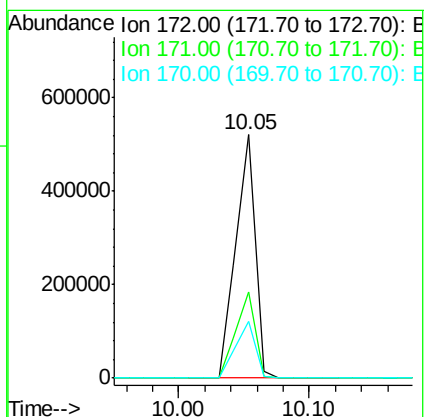
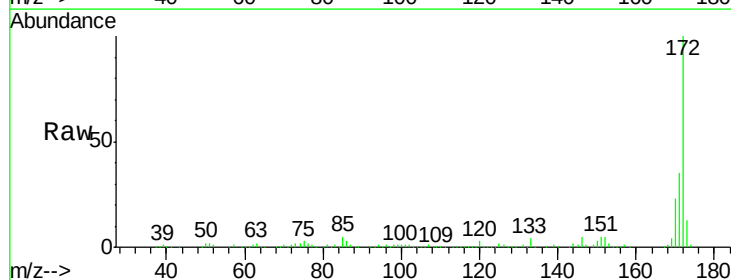
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0118

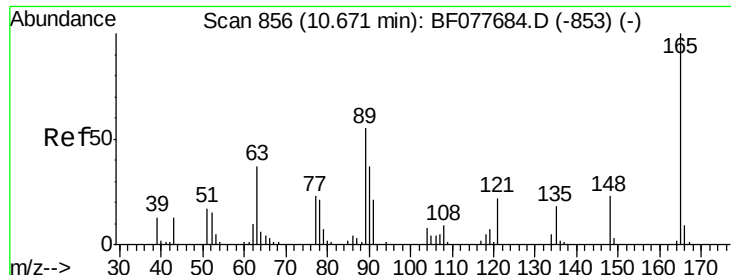
Tgt Ion:330 Resp: 84080
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 39.8 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 85.64 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077868.D
 Acq: 20 Mar 2015 17:33

Tgt Ion:172 Resp: 535695
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.3 18.8 28.2

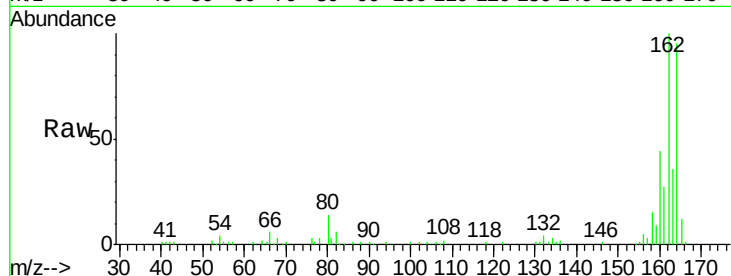




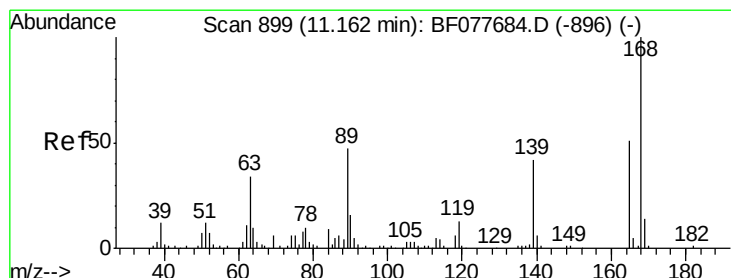
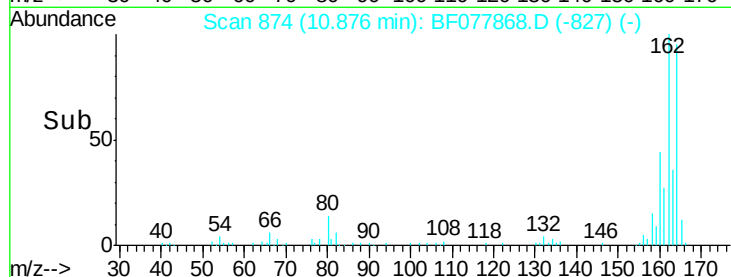
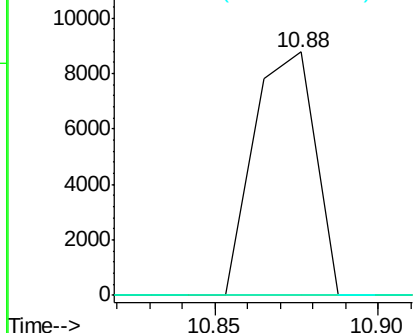
#50
 2,6-Dinitrotoluene
 Concen: 8.06 ng
 RT: 10.88 min Scan# 874
 Delta R.T. 0.24 min
 Lab File: BF077868.D
 Acq: 20 Mar 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0118

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



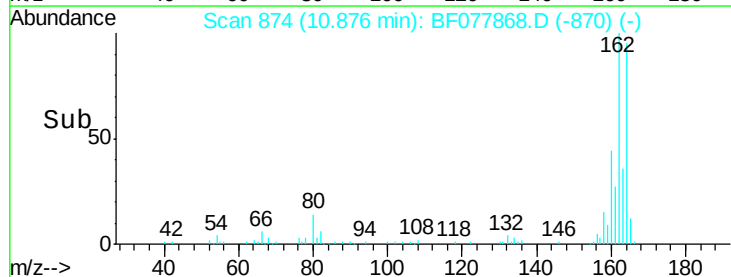
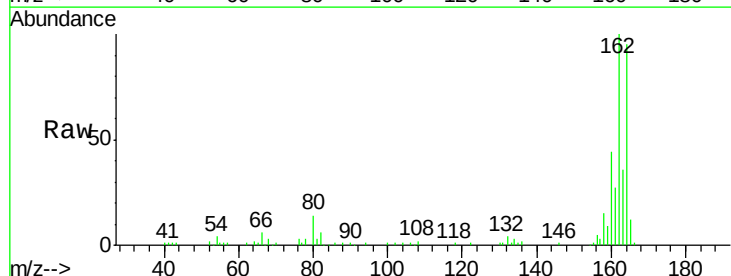
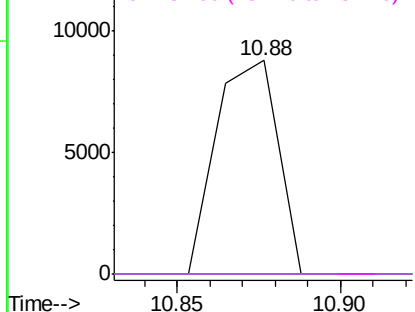
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

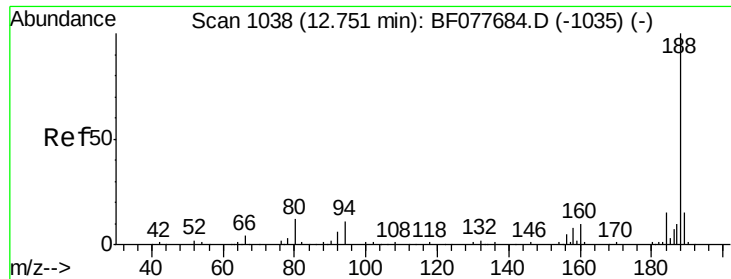


#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.25 min
 Lab File: BF077868.D
 Acq: 20 Mar 2015 17:33

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

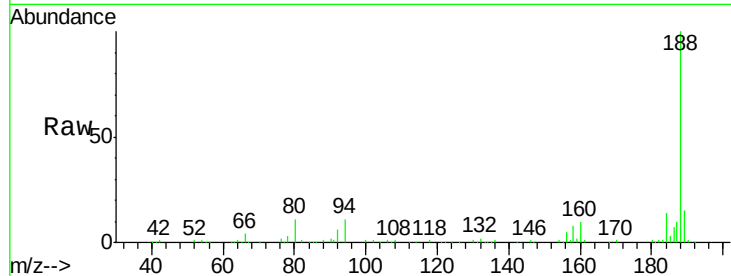




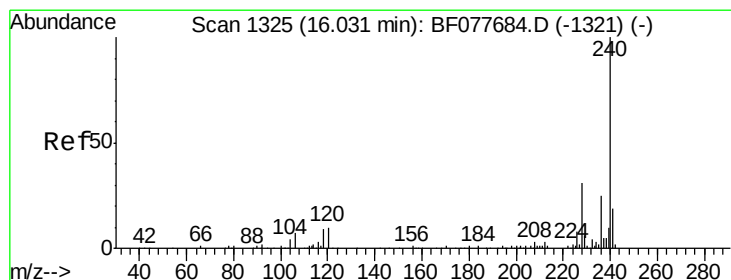
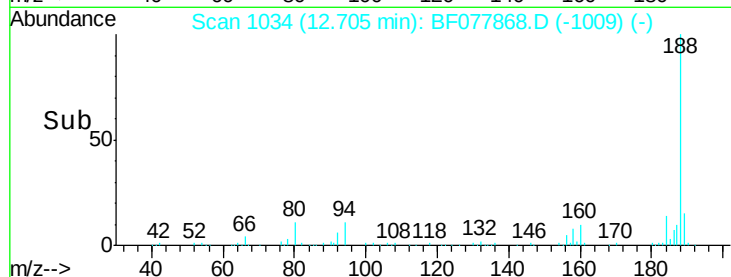
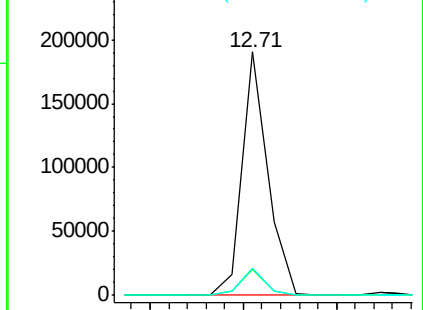
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF077868.D
Acq: 20 Mar 2015 17:33

Instrument :
BNA_F
ClientSampleId :
Z2-0118

Tgt Ion:188 Resp: 183118
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.1 9.3 13.9

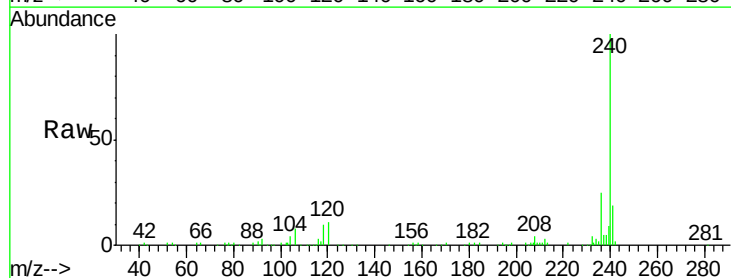


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

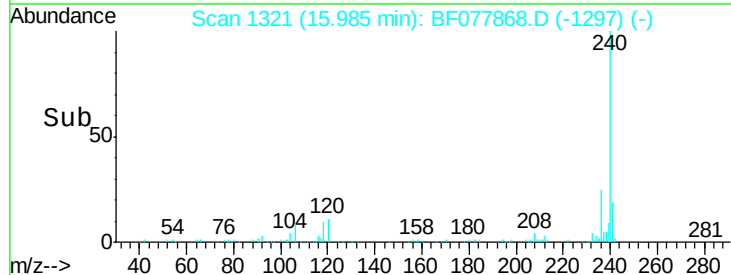
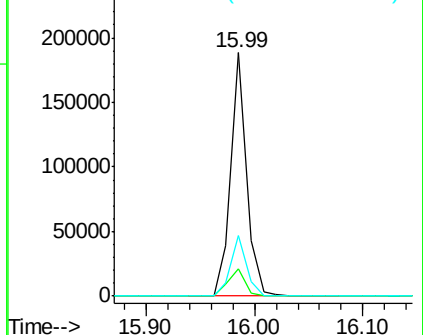


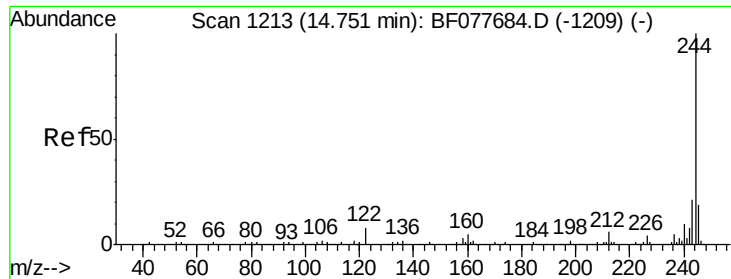
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077868.D
Acq: 20 Mar 2015 17:33

Tgt Ion:240 Resp: 190189
Ion Ratio Lower Upper
240 100
120 11.3 8.2 12.2
236 24.7 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

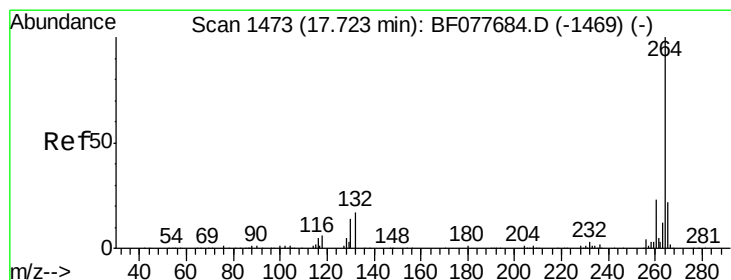
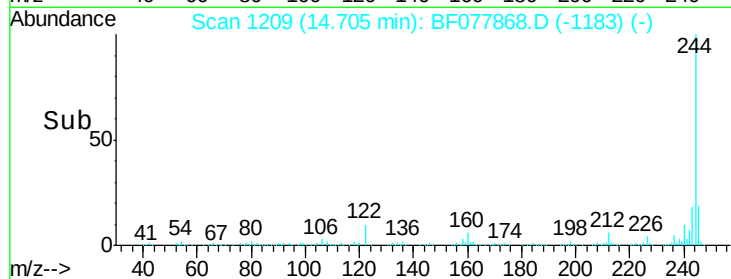
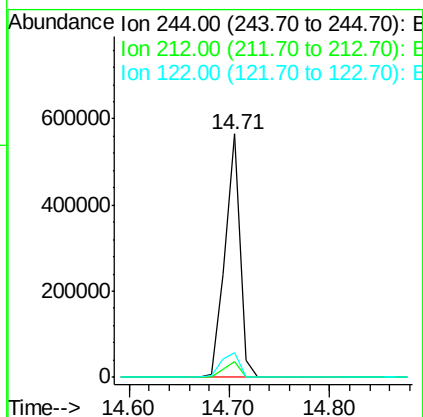
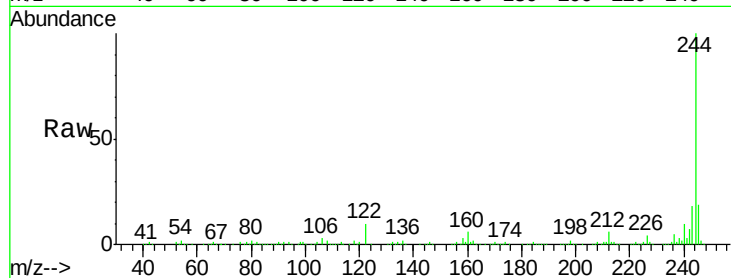




#78
 Terphenyl-d14
 Concen: 75.35 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF077868.D
 Acq: 20 Mar 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0118

Tgt Ion: 244 Resp: 586650
 Ion Ratio Lower Upper
 244 100
 212 6.4 4.9 7.3
 122 9.9 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.72 min Scan# 1473
 Delta R.T. -0.11 min
 Lab File: BF077868.D
 Acq: 20 Mar 2015 17:33

Tgt Ion: 264 Resp: 181817
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.5 17.3 25.9

