

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
 Data File : BF077869.D
 Acq On : 20 Mar 2015 18:01
 Operator : TP/IZ
 Sample : G1604-04
 Misc : W/DOD
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119

Quant Time: Mar 20 23:05:38 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

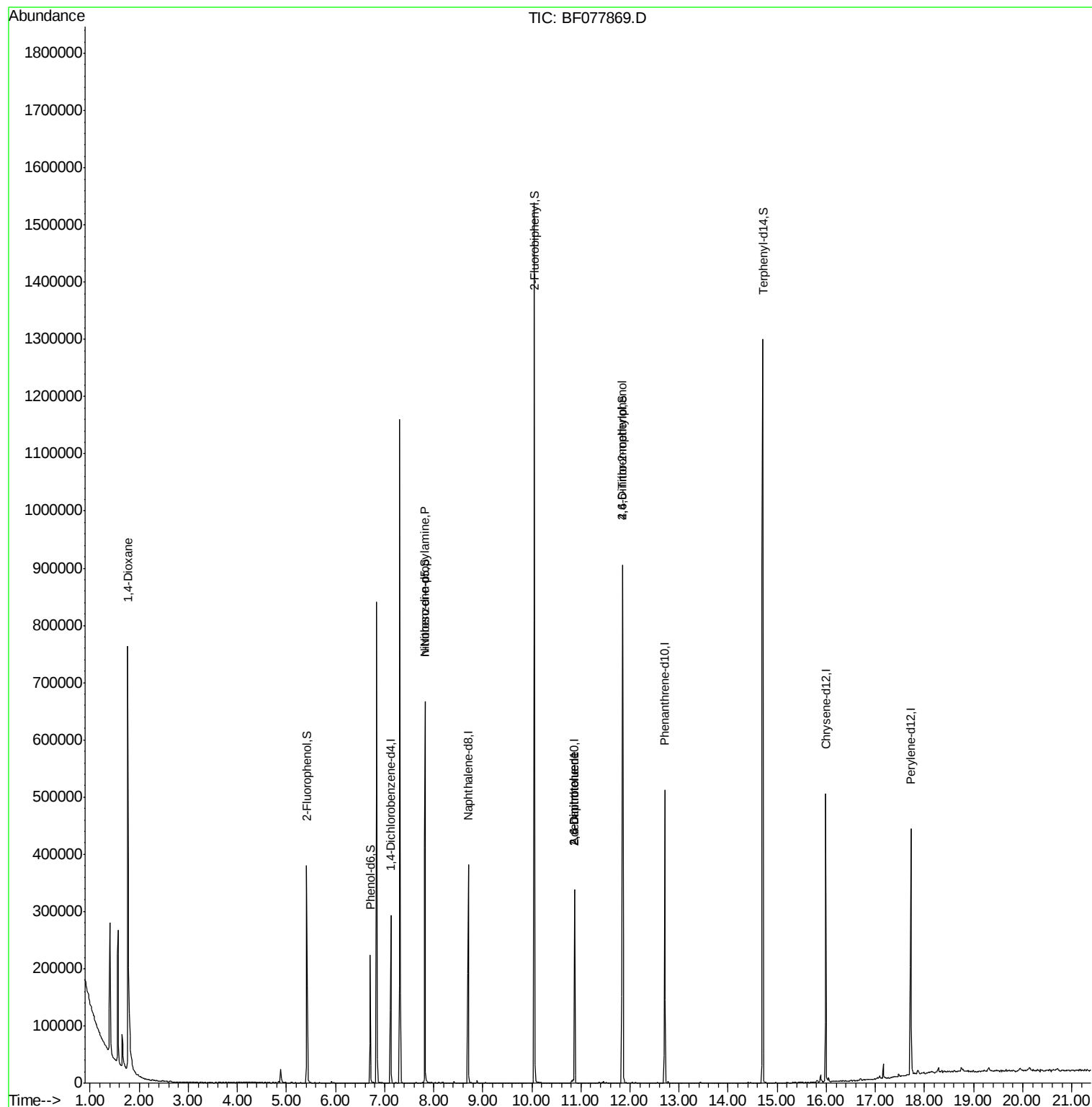
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	52409	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	209121	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	102575	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	203288	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	199016	20.00	ng	-0.02
86) Perylene-d12	17.72	264	190374	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	131116	43.67	ng	0.00
7) Phenol-d6	6.70	99	89866	24.23	ng	0.00
23) Nitrobenzene-d5	7.82	82	266859	83.65	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	106824	108.85	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	589568	84.47	ng	0.00
78) Terphenyl-d14	14.71	244	574968	70.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	35260	25.87	ng	# 100
19) n-Nitroso-di-n-propylamine	7.82	70	33682	13.13	ng	# 76
50) 2,6-Dinitrotoluene	10.86	165	13304	8.44	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	13306	6.47	ng	# 11
64) 4,6-Dinitro-2-methylphenol	11.85	198	225	4.51	ng	# 1
76) Benzidine	14.41	184	1713	Below Cal		# 68

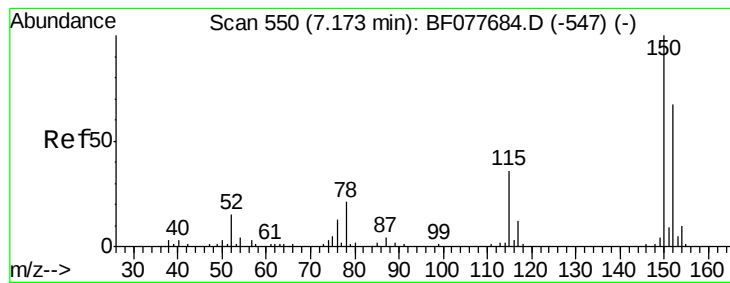
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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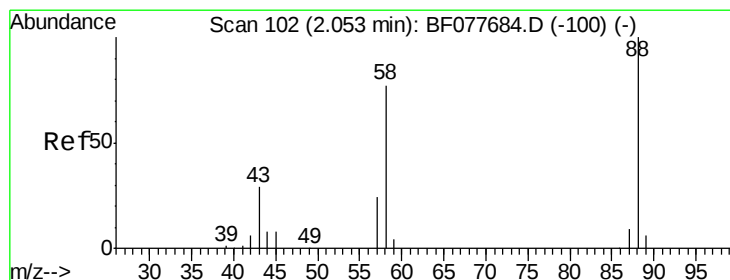
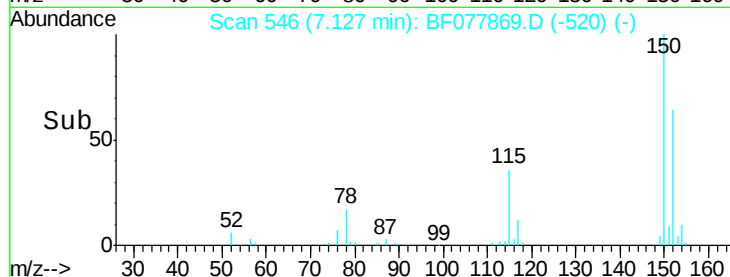
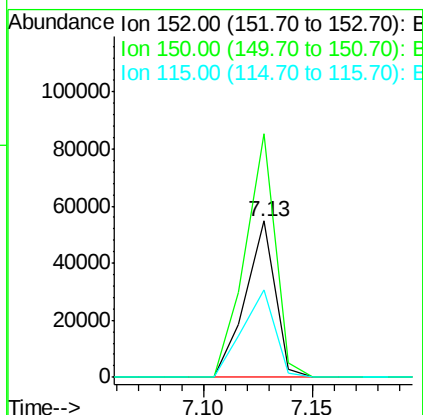
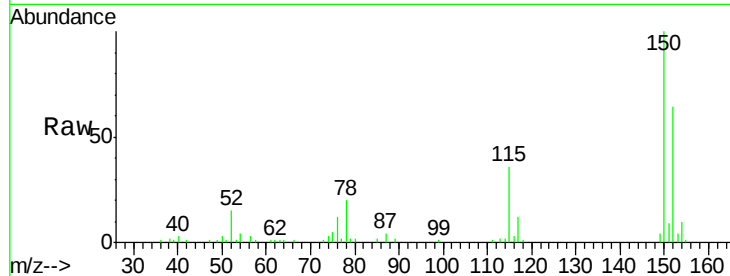




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF077869.D
 Acq: 20 Mar 2015 18:01

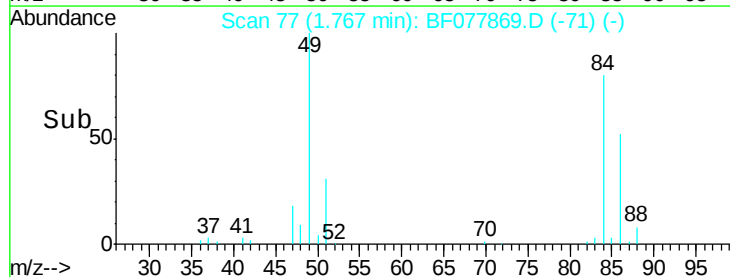
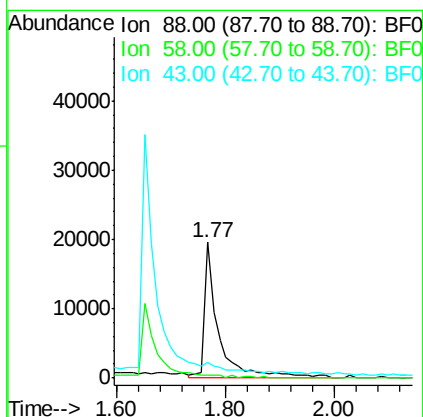
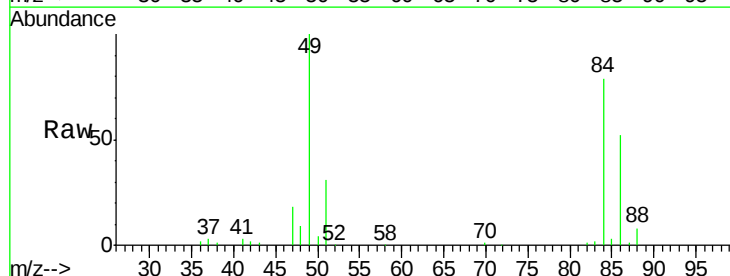
Instrument :
 BNA_F
 ClientSampled :
 Z2-0119

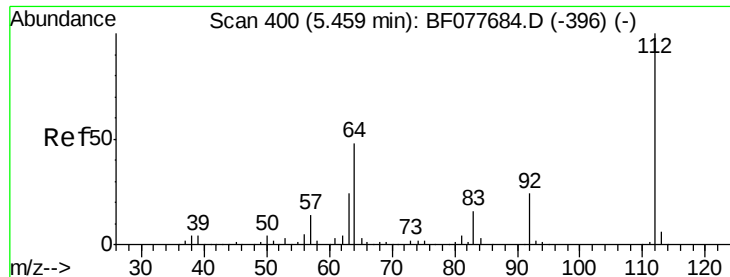
Tgt Ion:152 Resp: 52409
 Ion Ratio Lower Upper
 152 100
 150 155.6 119.5 179.3
 115 56.3 43.0 64.4



#2
 1,4-Dioxane
 Concen: 25.87 ng
 RT: 1.77 min Scan# 77
 Delta R.T. -0.23 min
 Lab File: BF077869.D
 Acq: 20 Mar 2015 18:01

Tgt Ion: 88 Resp: 35260
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0





#5

2-Fluorophenol

Concen: 43.67 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077869.D

Acq: 20 Mar 2015 18:01

Instrument :

BNA_F

ClientSampled :

Z2-0119

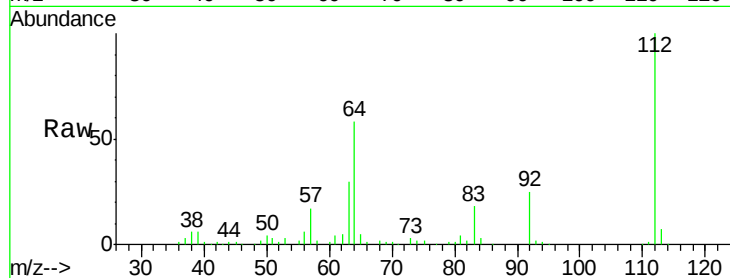
Tgt Ion: 112 Resp: 131116

Ion Ratio Lower Upper

112 100

64 58.1 38.6 57.8#

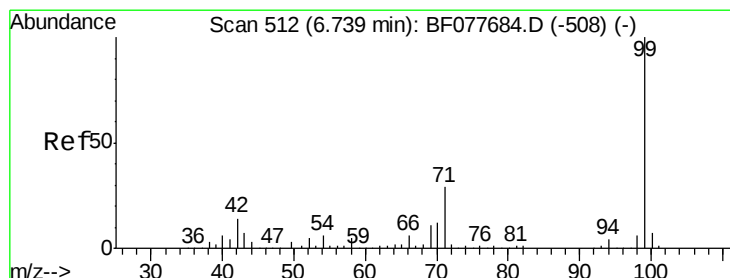
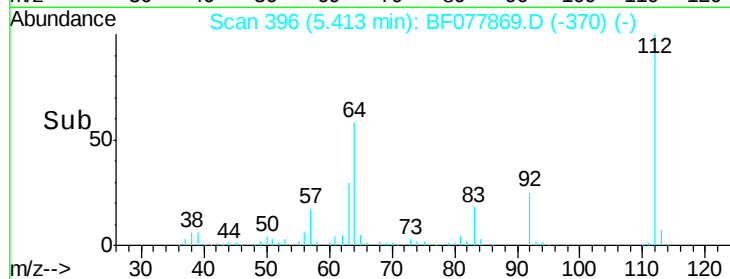
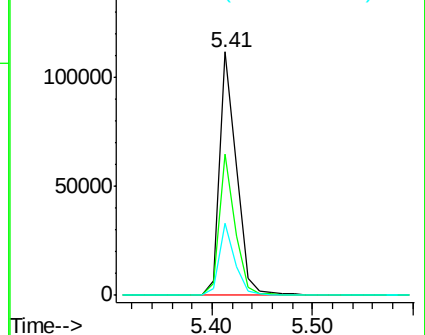
63 29.6 19.3 28.9#



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: 24.23 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077869.D

Acq: 20 Mar 2015 18:01

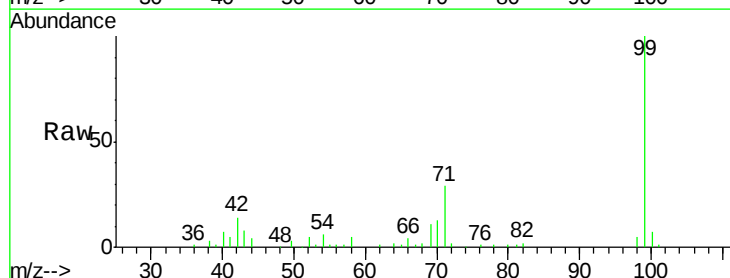
Tgt Ion: 99 Resp: 89866

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.4

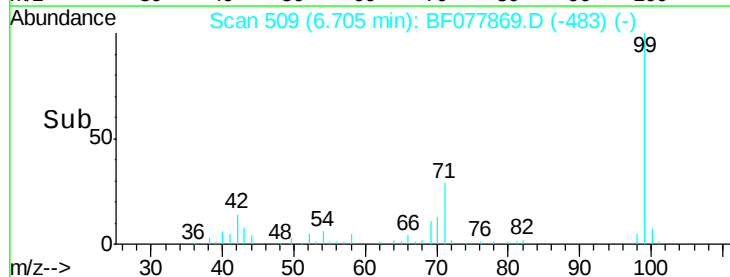
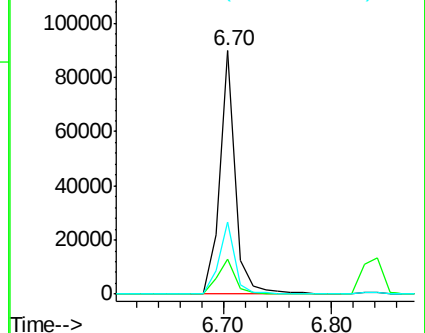
71 29.5 23.4 35.2

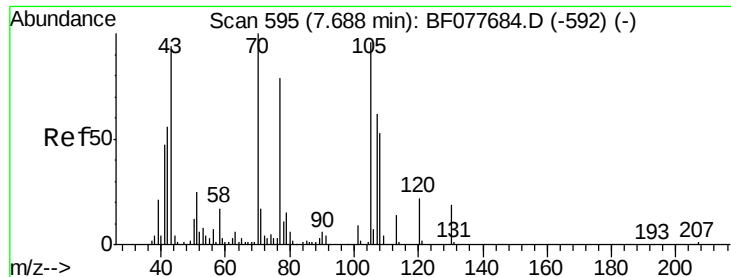


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

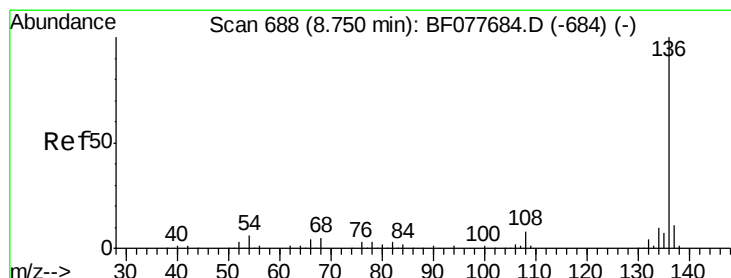
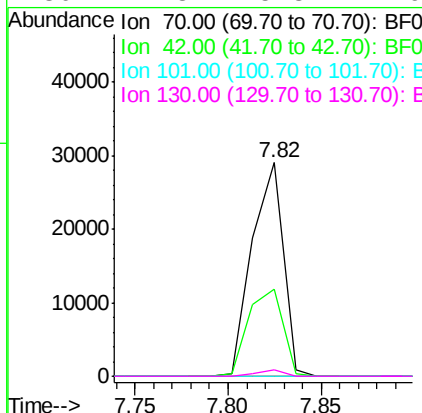
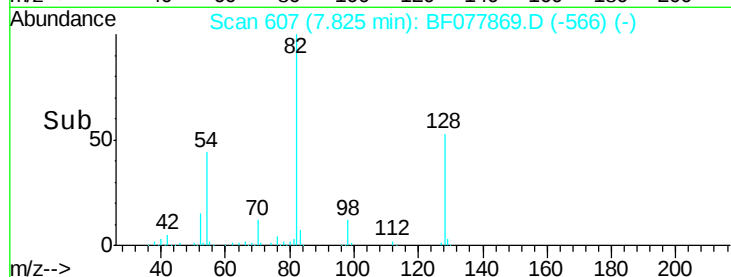
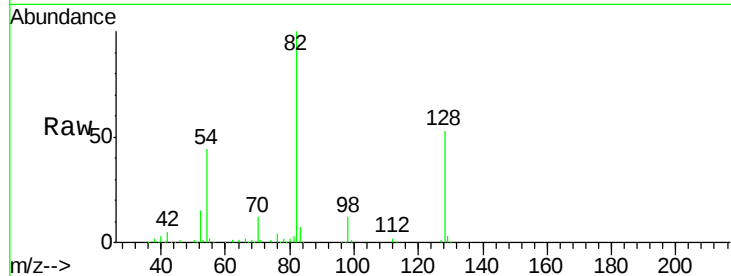




#19
n-Nitroso-di-n-propylamine
Concen: 13.13 ng
RT: 7.82 min Scan# 607
Delta R.T. 0.17 min
Lab File: BF077869.D
Acq: 20 Mar 2015 18:01

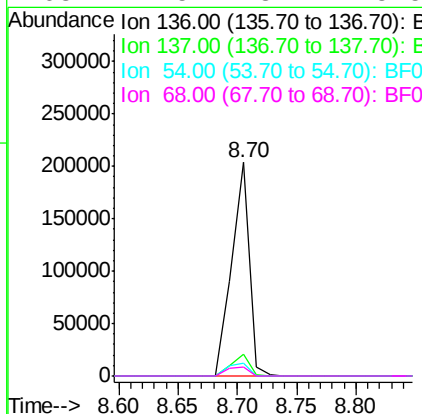
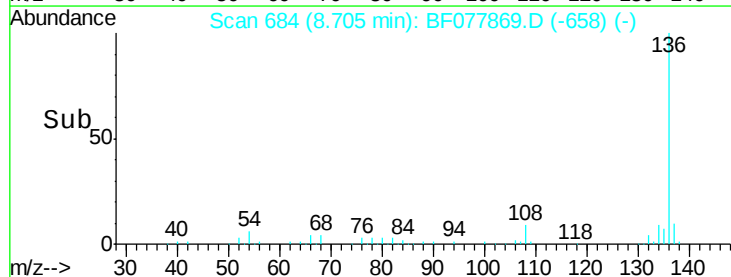
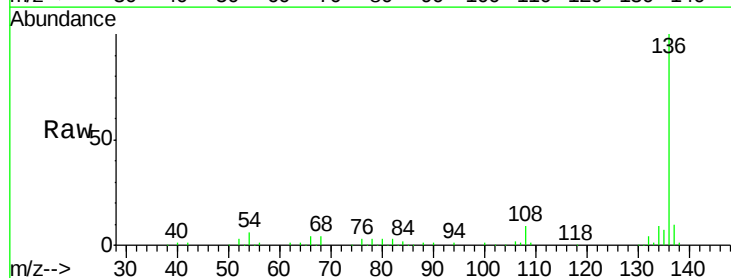
Instrument :
BNA_F
ClientSampleId :
Z2-0119

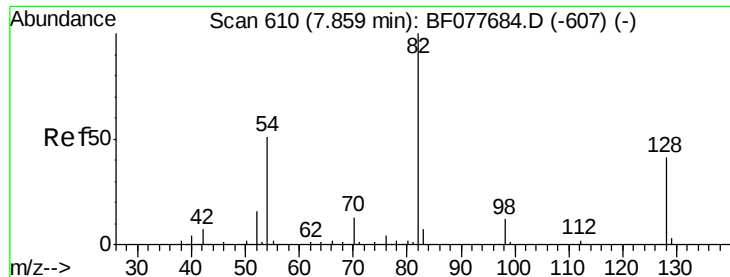
Tgt Ion: 70 Resp: 33682
Ion Ratio Lower Upper
70 100
42 41.0 44.5 66.7#
101 0.0 7.4 11.2#
130 2.8 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077869.D
Acq: 20 Mar 2015 18:01

Tgt Ion: 136 Resp: 209121
Ion Ratio Lower Upper
136 100
137 10.1 8.7 13.1
54 5.8 4.6 6.8
68 4.5 3.7 5.5

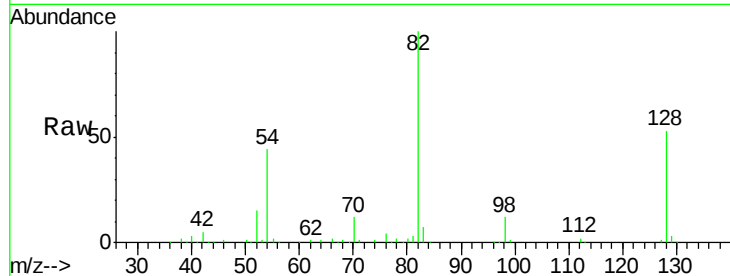




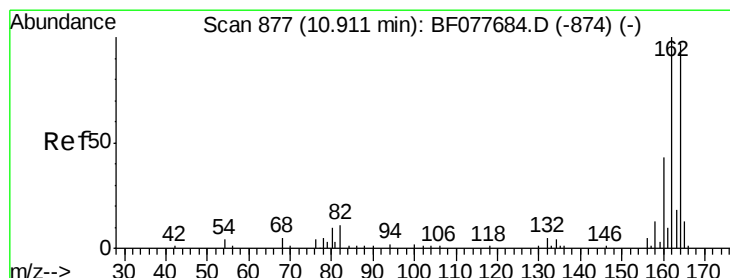
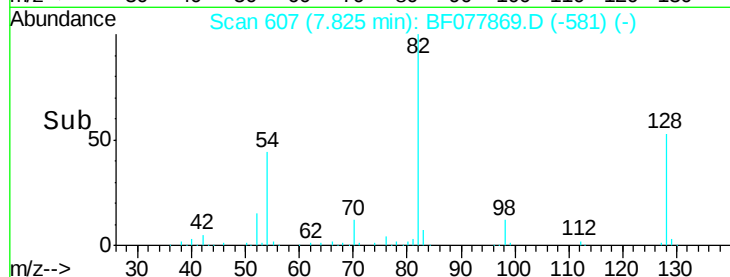
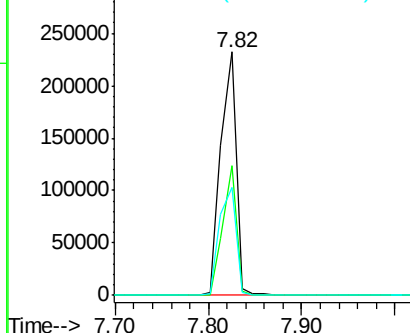
#23
 Nitrobenzene-d5
 Concen: 83.65 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077869.D
 Acq: 20 Mar 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119

Tgt Ion: 82 Resp: 266859
 Ion Ratio Lower Upper
 82 100
 128 53.1 32.8 49.2#
 54 44.1 40.6 60.8

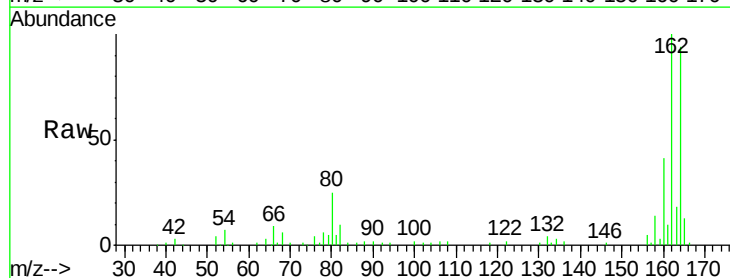


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

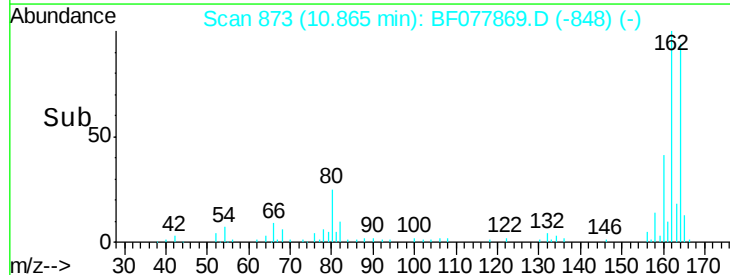
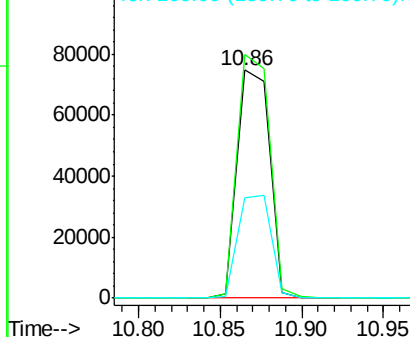


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF077869.D
 Acq: 20 Mar 2015 18:01

Tgt Ion: 164 Resp: 102575
 Ion Ratio Lower Upper
 164 100
 162 106.8 82.4 123.6
 160 44.2 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

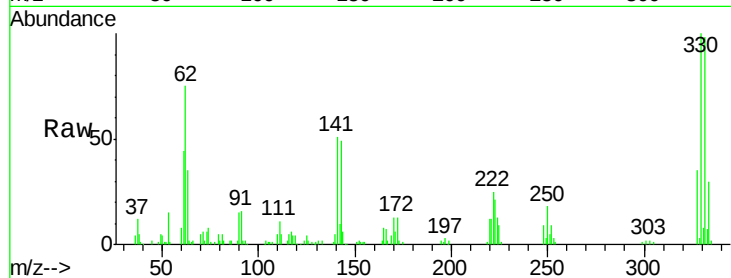




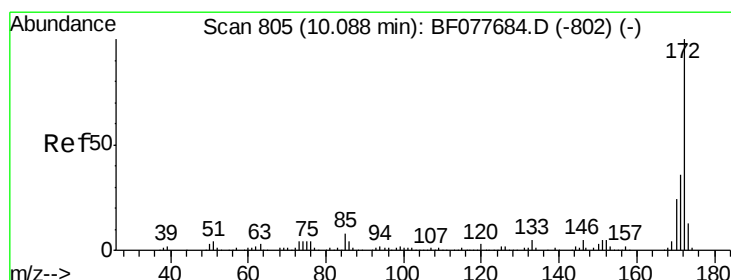
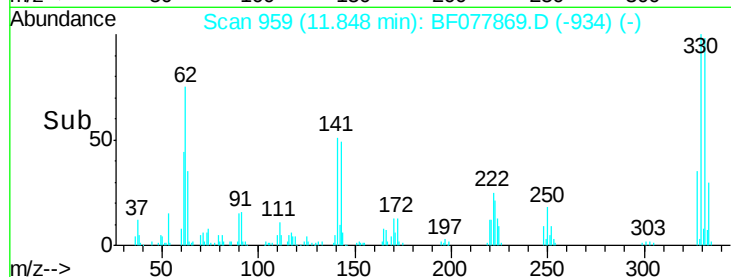
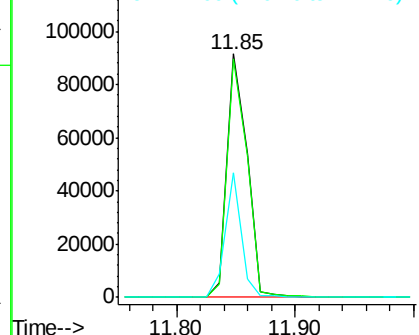
#41
 2,4,6-Tribromophenol
 Concen: 108.85 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF077869.D
 Acq: 20 Mar 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	40.7	0.0	0.0#

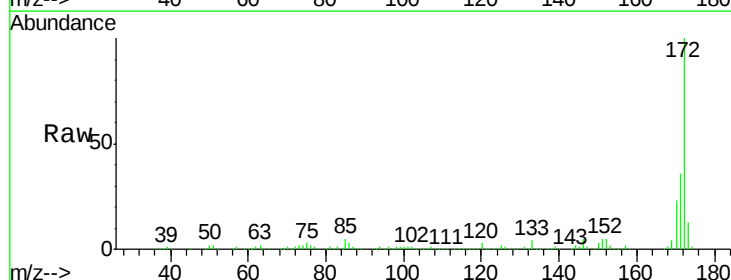


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

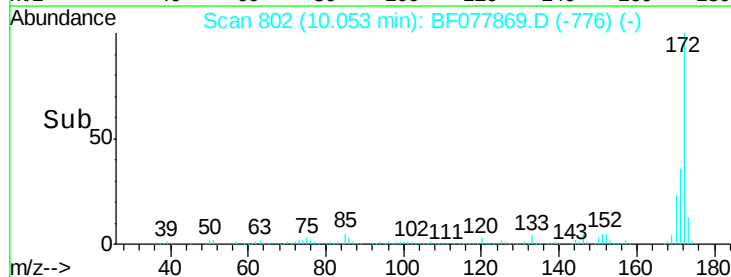
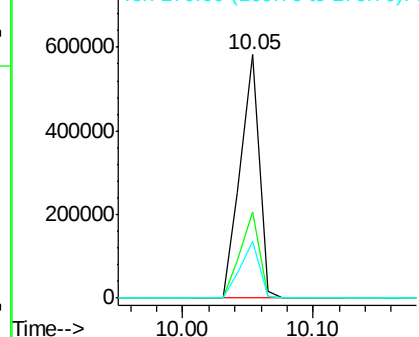


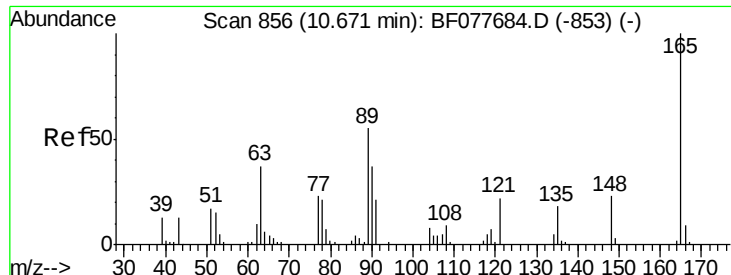
#44
 2-Fluorobiphenyl
 Concen: 84.47 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077869.D
 Acq: 20 Mar 2015 18:01

Tgt 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

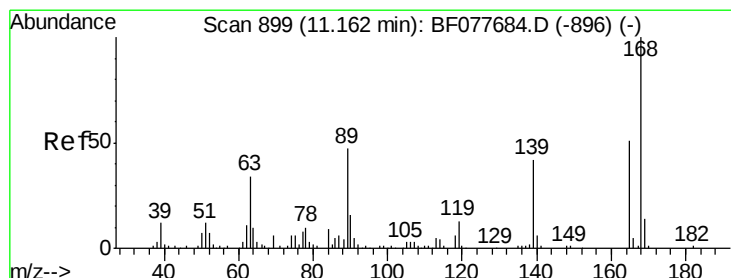
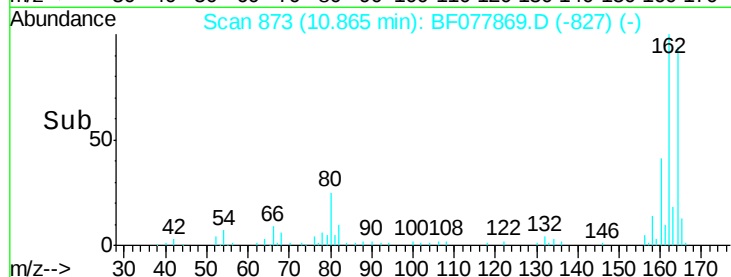
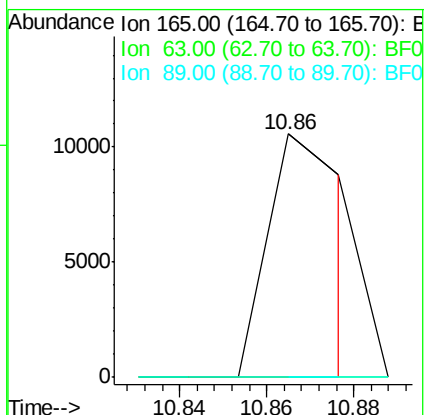
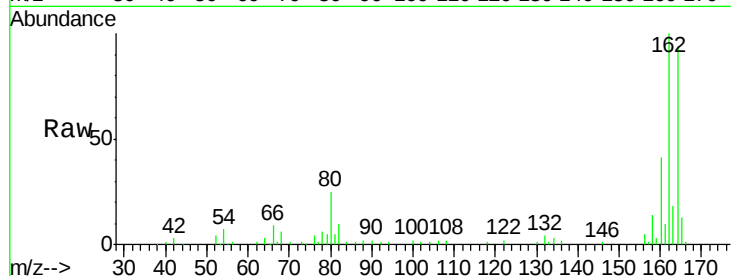




#50
 2,6-Dinitrotoluene
 Concen: 8.44 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.23 min
 Lab File: BF077869.D
 Acq: 20 Mar 2015 18:01

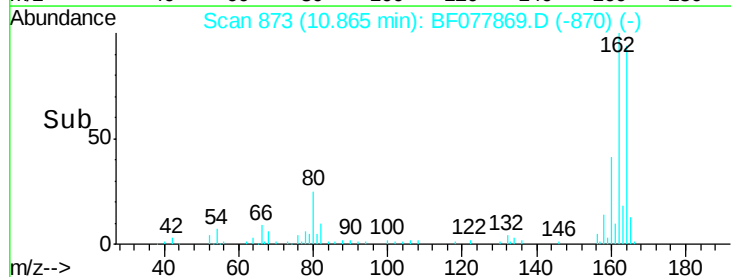
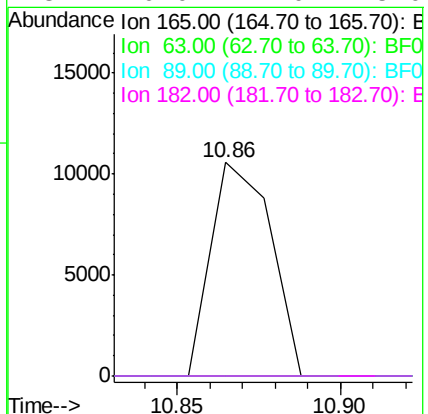
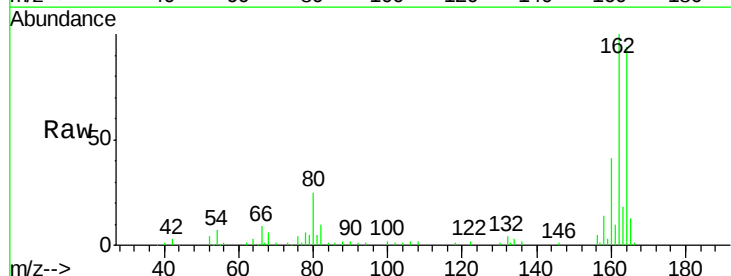
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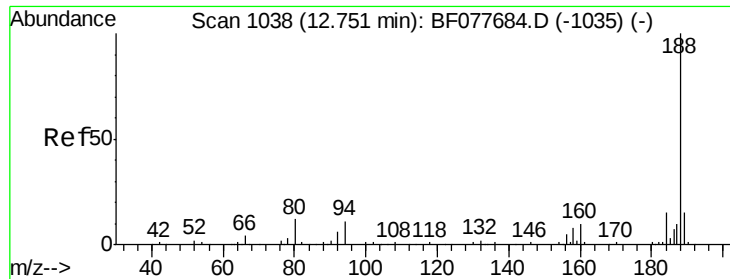
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



#56
 2,4-Dinitrotoluene
 Concen: 6.47 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.26 min
 Lab File: BF077869.D
 Acq: 20 Mar 2015 18:01

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#

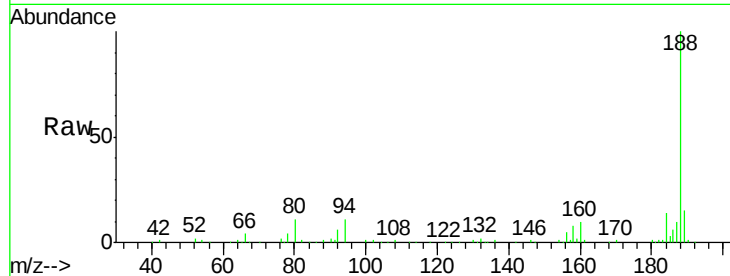




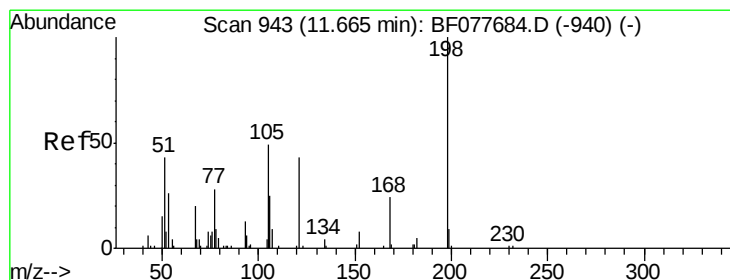
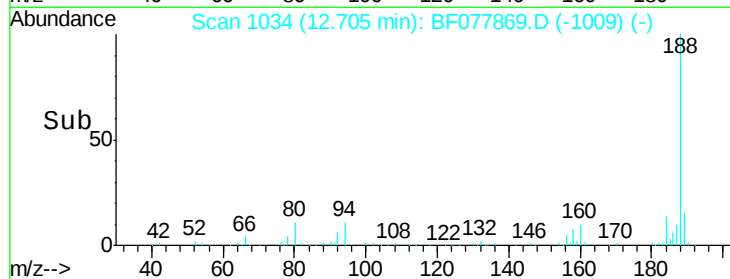
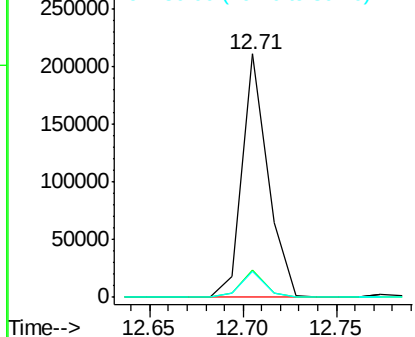
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF077869.D
Acq: 20 Mar 2015 18:01

Instrument :
BNA_F
ClientSampleId :
Z2-0119

Tgt Ion:188 Resp: 203288
Ion Ratio Lower Upper
188 100
94 11.1 8.7 13.1
80 10.7 9.3 13.9

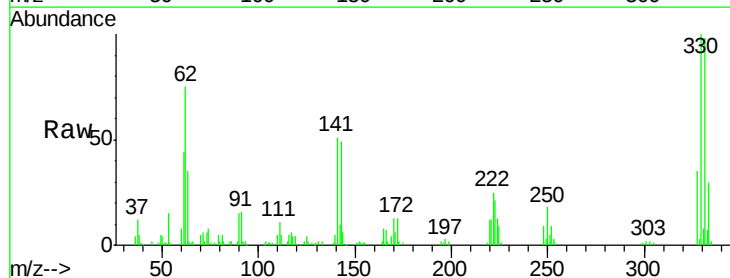


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

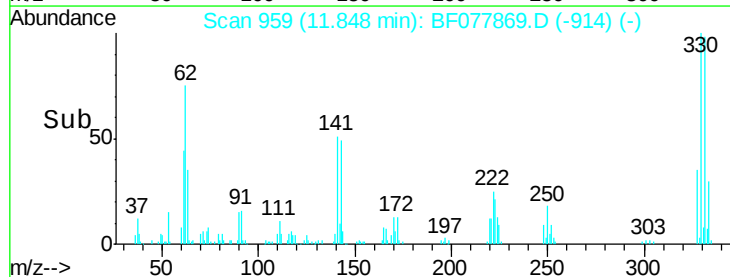
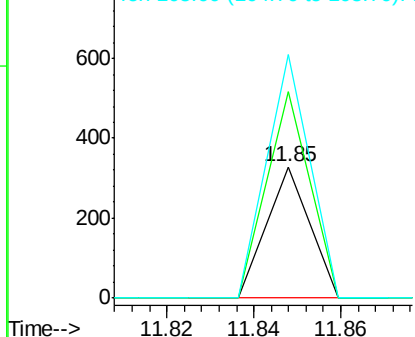


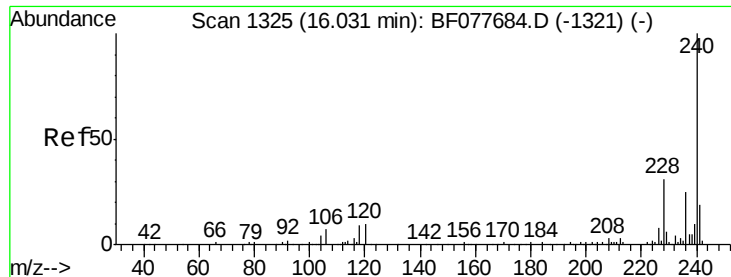
#64
4,6-Dinitro-2-methylphenol
Concen: 4.51 ng
RT: 11.85 min Scan# 959
Delta R.T. 0.22 min
Lab File: BF077869.D
Acq: 20 Mar 2015 18:01

Tgt Ion:198 Resp: 225
Ion Ratio Lower Upper
198 100
51 157.6 28.8 68.8#
105 185.7 30.5 70.5#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

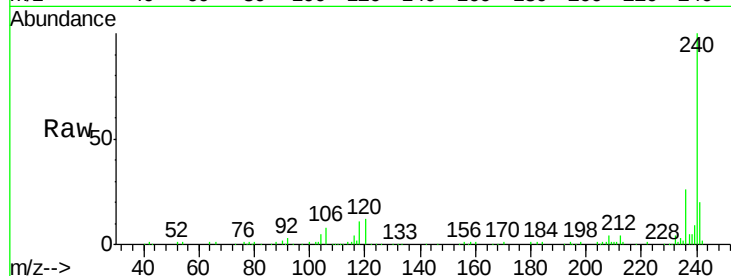




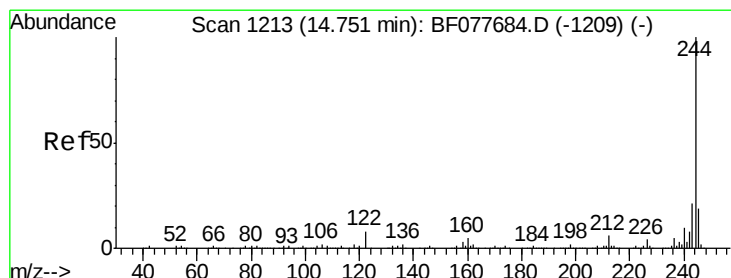
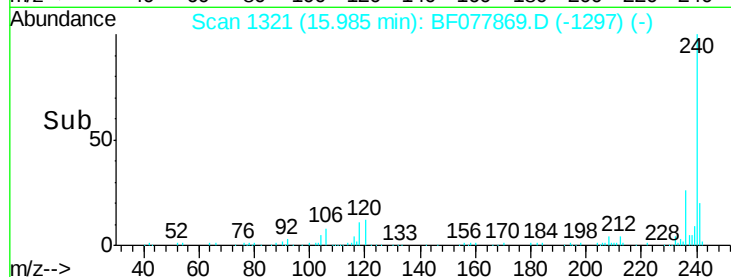
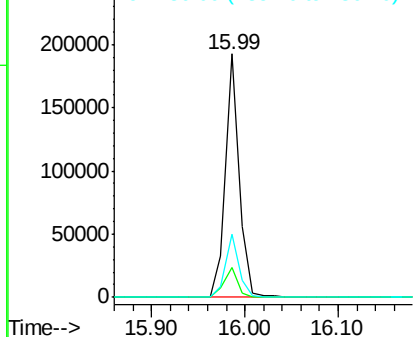
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077869.D
Acq: 20 Mar 2015 18:01

Instrument :
BNA_F
ClientSampleId :
Z2-0119

Tgt Ion:240 Resp: 199016
Ion Ratio Lower Upper
240 100
120 12.3 8.2 12.2#
236 25.9 20.0 30.0

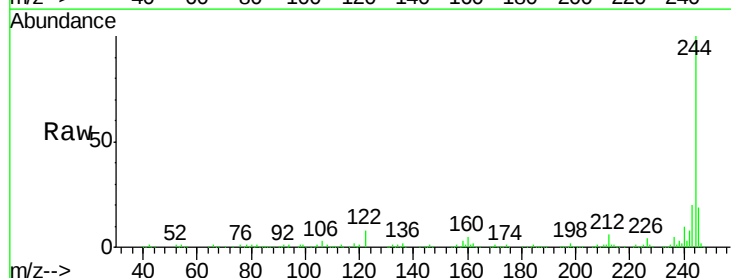


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

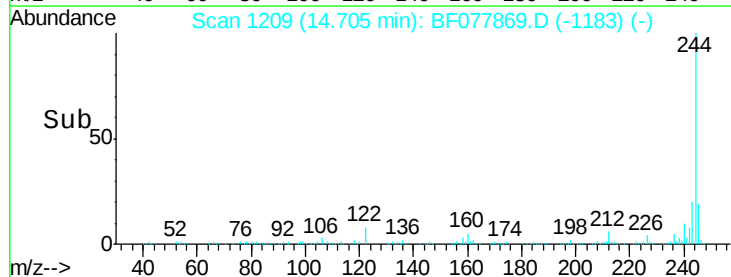
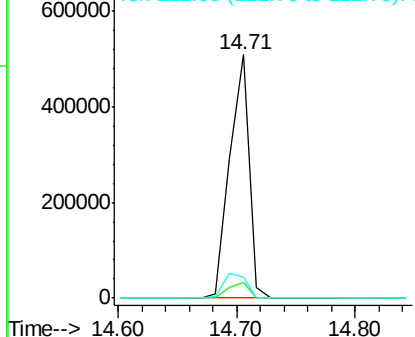


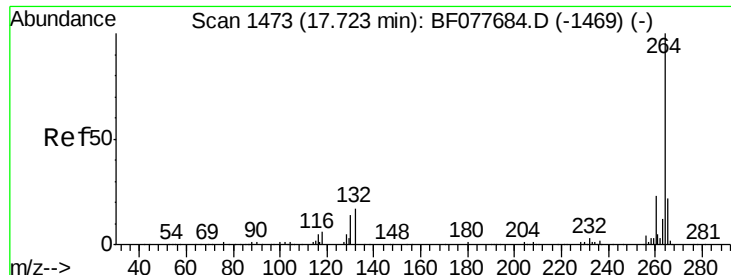
#78
Terphenyl-d14
Concen: 70.57 ng
RT: 14.71 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF077869.D
Acq: 20 Mar 2015 18:01

Tgt Ion:244 Resp: 574968
Ion Ratio Lower Upper
244 100
212 6.3 4.9 7.3
122 8.3 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

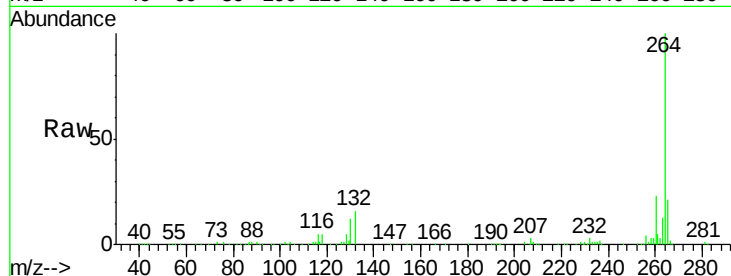




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.72 min Scan# 1473
Delta R.T. -0.11 min
Lab File: BF077869.D
Acq: 20 Mar 2015 18:01

Instrument :
BNA_F
ClientSampleId :
Z2-0119

Tgt Ion:	264	Resp:	190374
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.0	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

