

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077834.D
 Acq On : 19 Mar 2015 16:52
 Operator : TP/IZ
 Sample : PB82191BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BL

Quant Time: Mar 20 00:15:03 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 00:59:44 2015
 Response via : Initial Calibration

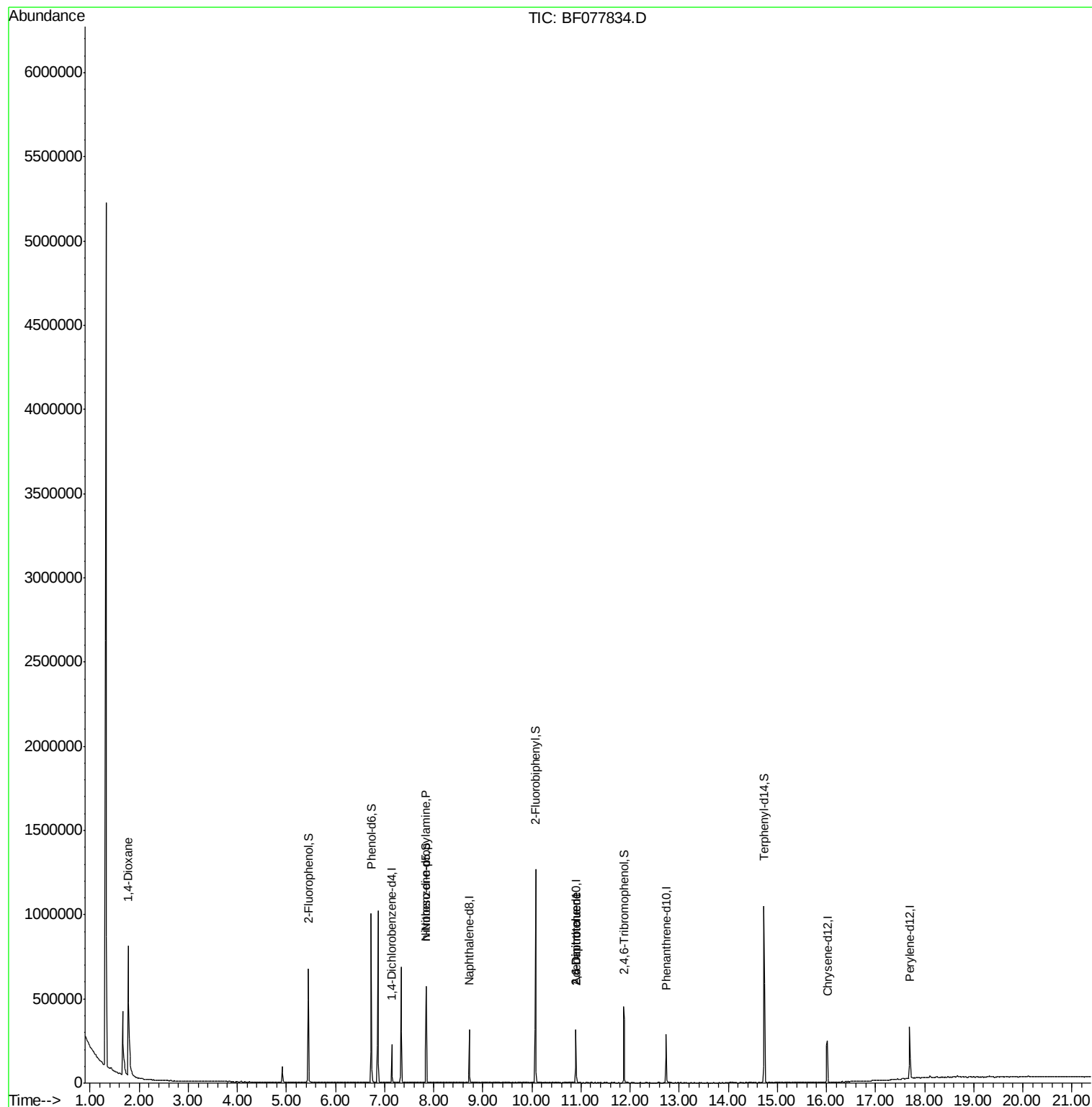
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	35150	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	143484	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	67017	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	132640	20.00	ng	0.00
75) Chrysene-d12	16.02	240	133813	20.00	ng	-0.01
86) Perylene-d12	17.70	264	136107	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	264536	131.37	ng	0.01
7) Phenol-d6	6.73	99	335974	135.04	ng	0.00
23) Nitrobenzene-d5	7.85	82	193702	88.49	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	74678	116.47	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	407809	89.43	ng	0.00
78) Terphenyl-d14	14.73	244	437630	79.89	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.78	88	31170	34.09	ng	# 100
19) n-Nitroso-di-n-propylamine	7.85	70	24404	14.18	ng	# 77
50) 2,6-Dinitrotoluene	10.90	165	8507	8.26	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	6606	4.92	ng	# 11

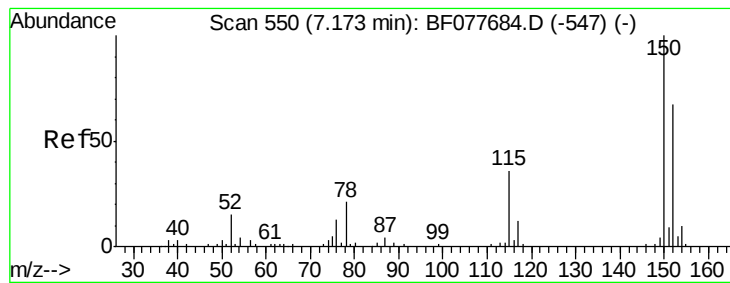
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF077834.D

Acq: 19 Mar 2015 16:52

Instrument :

BNA_F

ClientSampleId :

PB82191BL

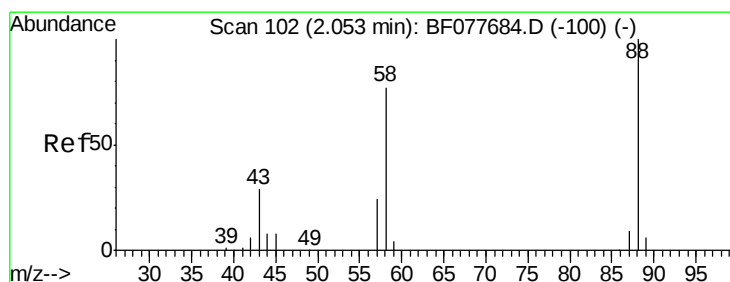
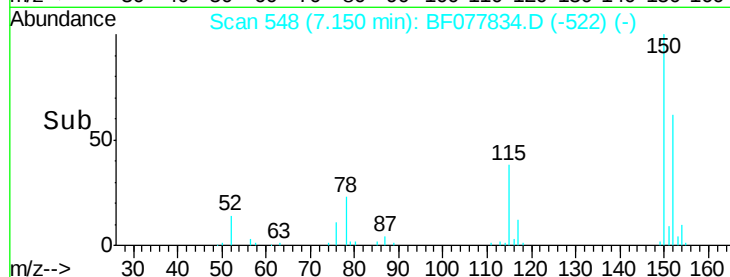
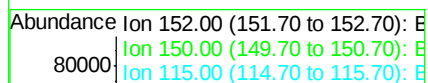
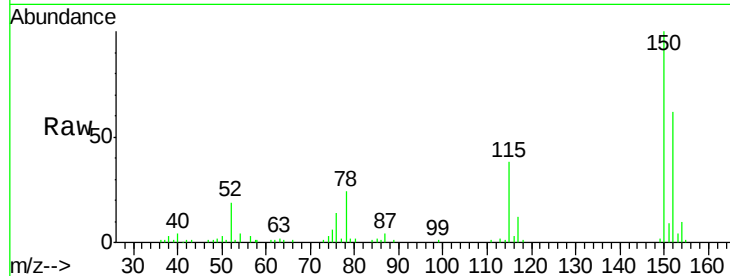
Tgt Ion:152 Resp: 35150

Ion Ratio Lower Upper

152 100

150 160.6 119.5 179.3

115 60.8 43.0 64.4



#2

1,4-Dioxane

Concen: 34.09 ng

RT: 1.78 min Scan# 78

Delta R.T. -0.25 min

Lab File: BF077834.D

Acq: 19 Mar 2015 16:52

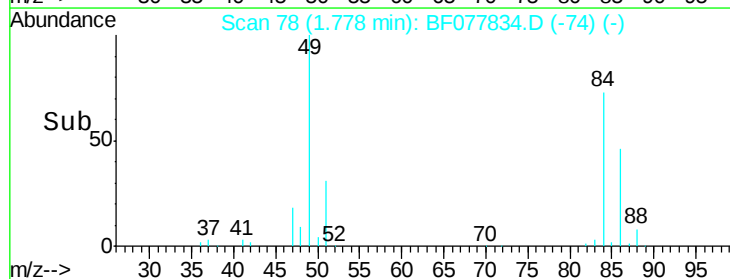
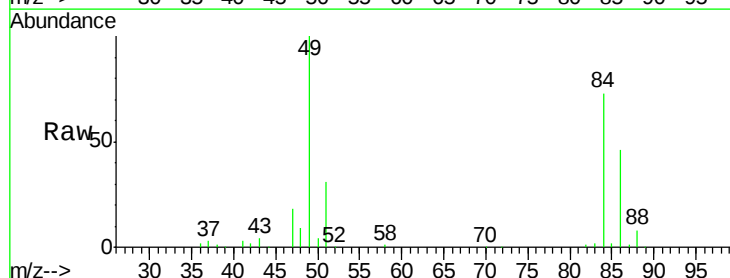
Tgt Ion: 88 Resp: 31170

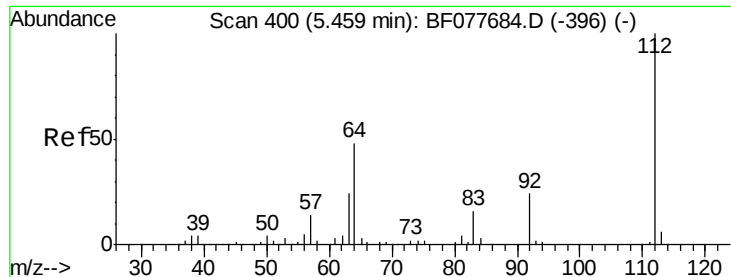
Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

43 0.0 0.0 0.0

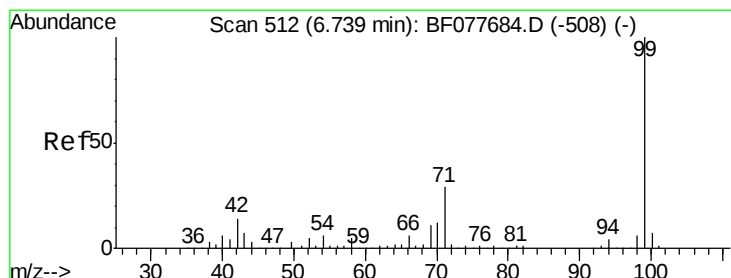
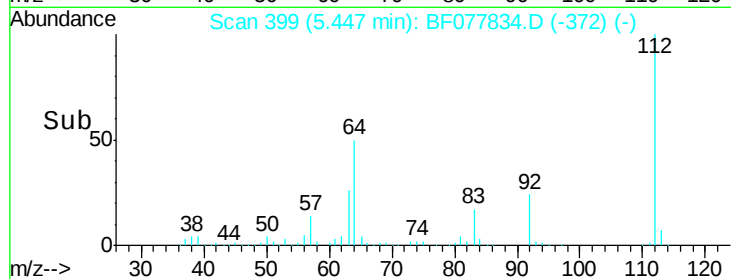
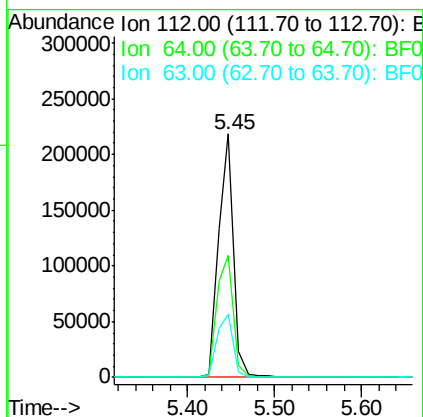
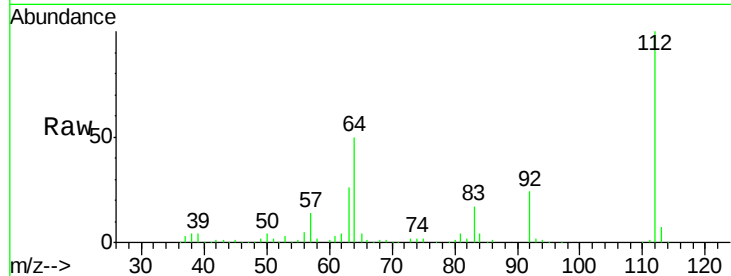




#5
 2-Fluorophenol
 Concen: 131.37 ng
 RT: 5.45 min Scan# 399
 Delta R.T. 0.01 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

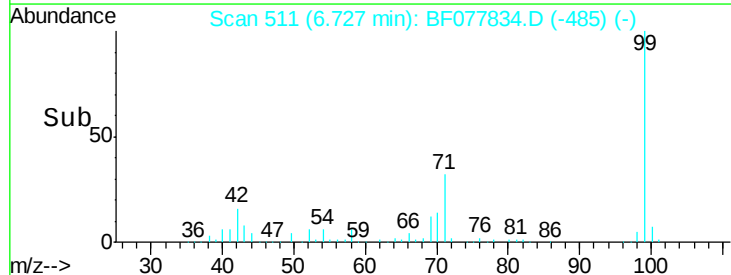
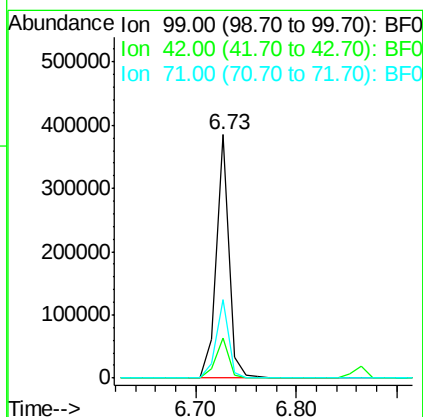
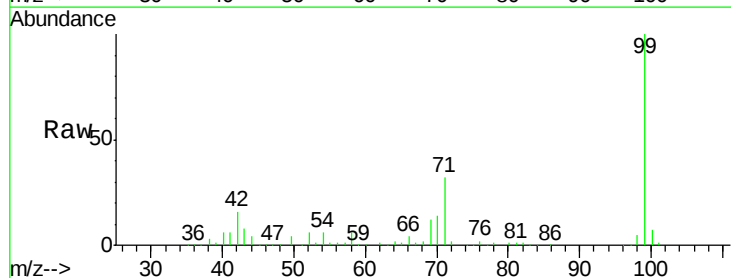
Instrument :
 BNA_F
 ClientSampleID :
 PB82191BL

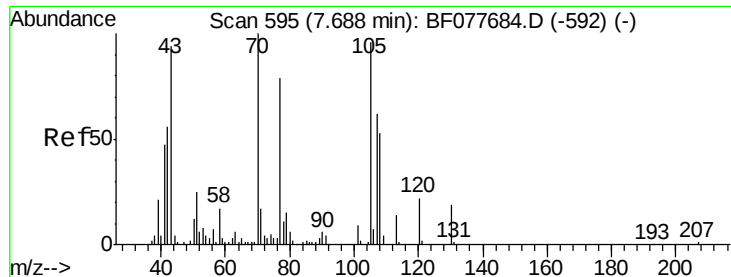
Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.2	38.6	57.8
63	25.7	19.3	28.9



#7
 Phenol-d6
 Concen: 135.04 ng
 RT: 6.73 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.4	11.0	16.4
71	32.2	23.4	35.2

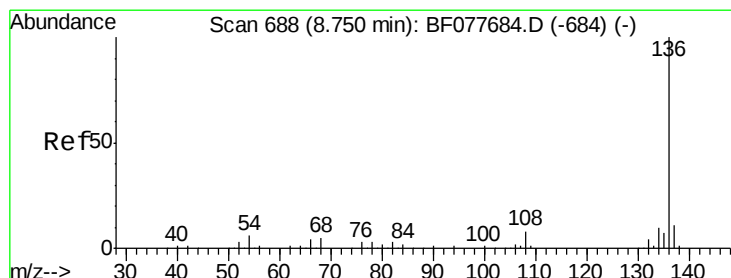
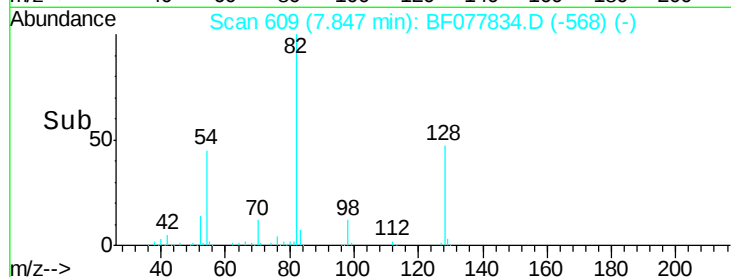
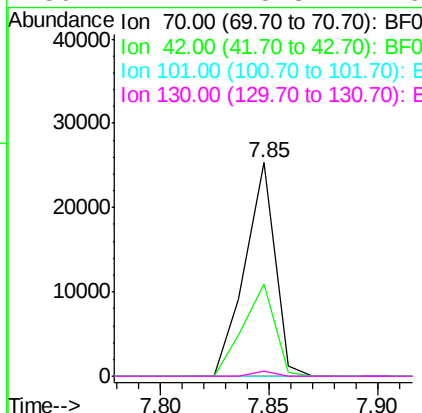
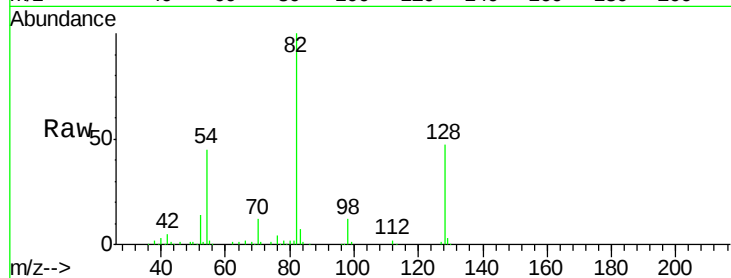




#19
n-Nitroso-di-n-propylamine
Concen: 14.18 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077834.D
Acq: 19 Mar 2015 16:52

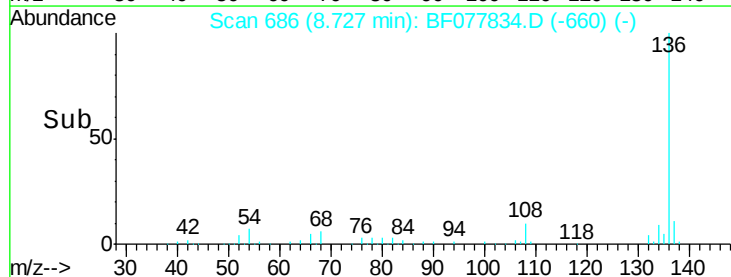
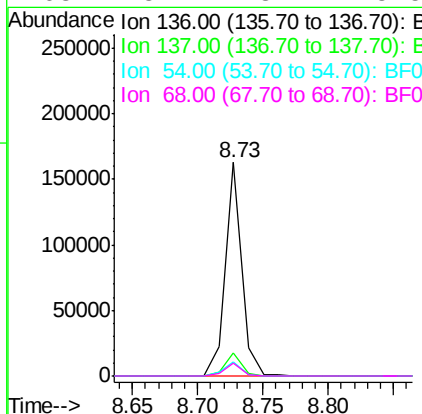
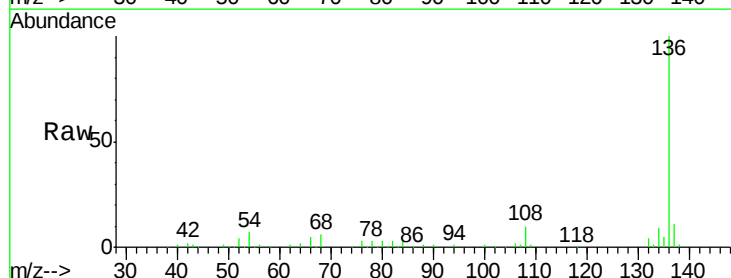
Instrument :
BNA_F
ClientSampleId :
PB82191BL

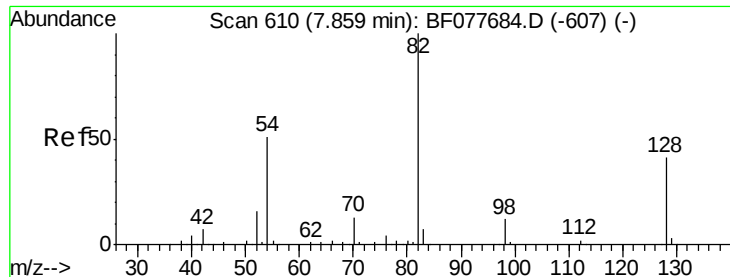
Tgt Ion: 70 Resp: 24404
Ion Ratio Lower Upper
70 100
42 43.1 44.5 66.7#
101 0.0 7.4 11.2#
130 2.4 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077834.D
Acq: 19 Mar 2015 16:52

Tgt Ion: 136 Resp: 143484
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.8 4.6 6.8
68 5.7 3.7 5.5#

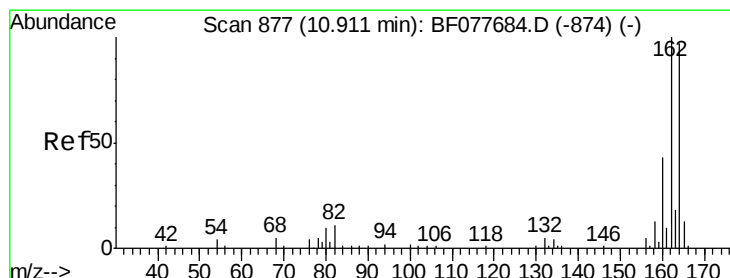
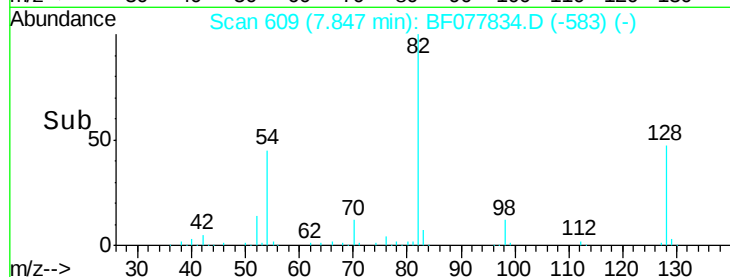
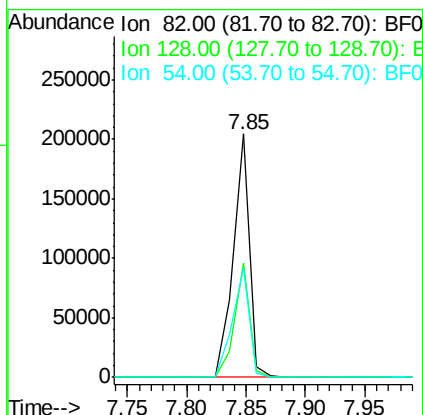
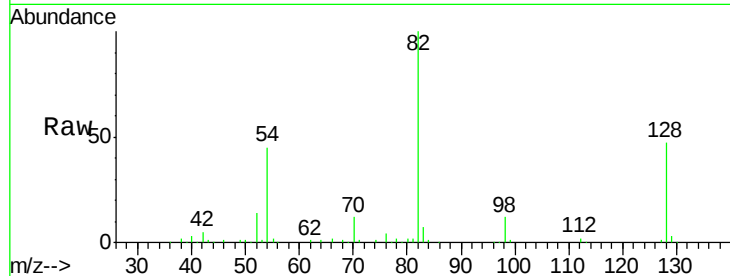




#23
 Nitrobenzene-d5
 Concen: 88.49 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

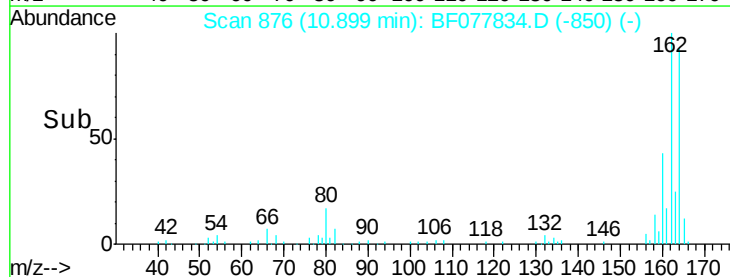
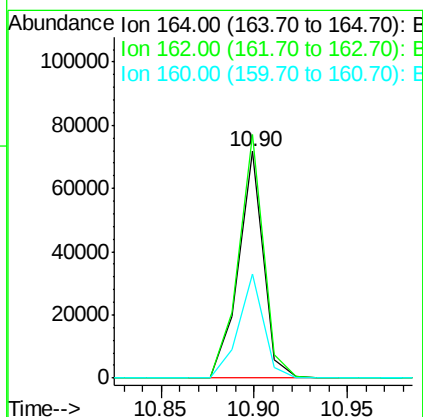
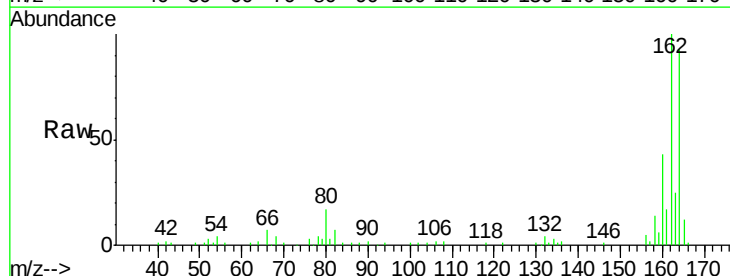
Instrument :
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 ClientSampled :
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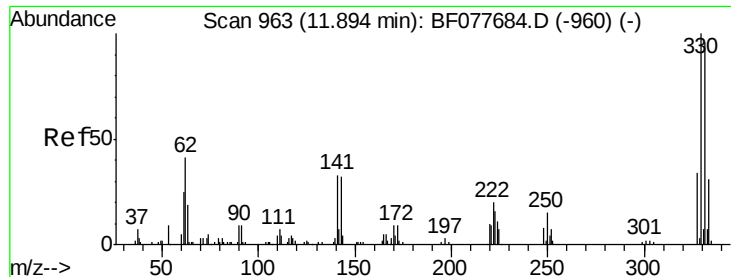
Tgt Ion: 82 Resp: 193702
 Ion Ratio Lower Upper
 82 100
 128 47.0 32.8 49.2
 54 45.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

Tgt Ion: 164 Resp: 67017
 Ion Ratio Lower Upper
 164 100
 162 107.4 82.4 123.6
 160 46.0 35.8 53.6

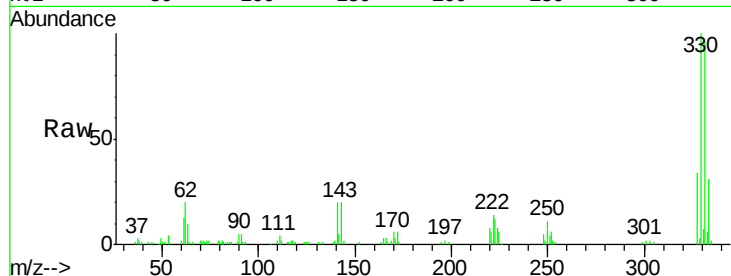




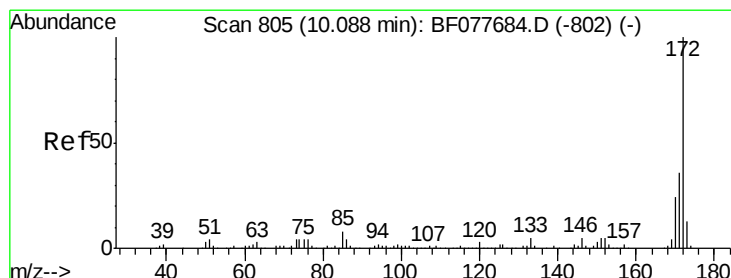
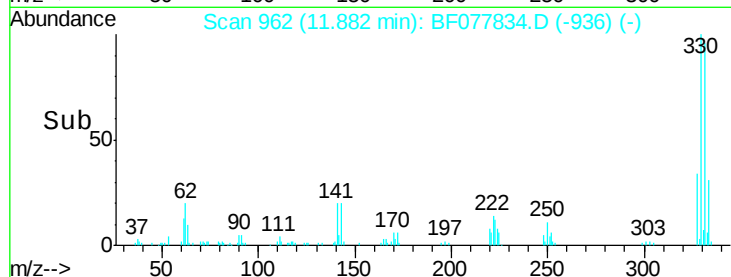
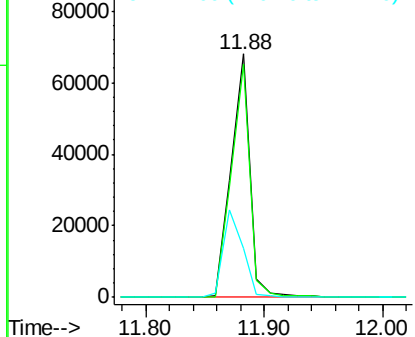
#41
 2,4,6-Tribromophenol
 Concen: 116.47 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BL

Tgt Ion:330 Resp: 74678
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 37.0 0.0 0.0#

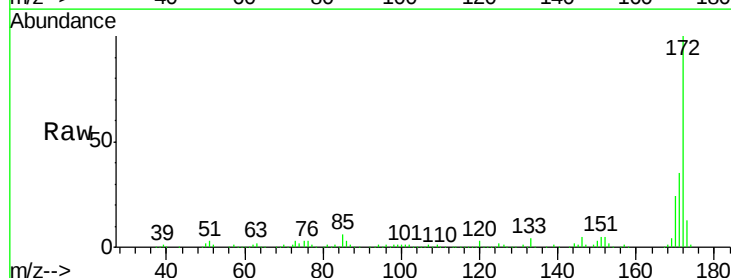


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

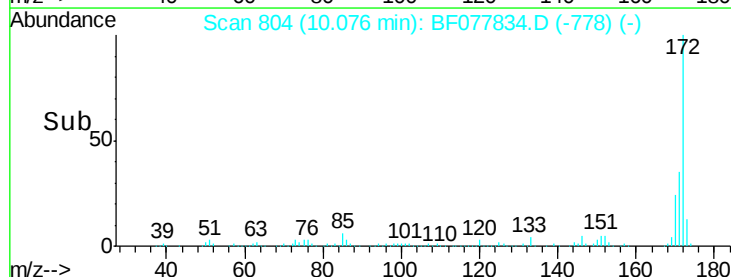
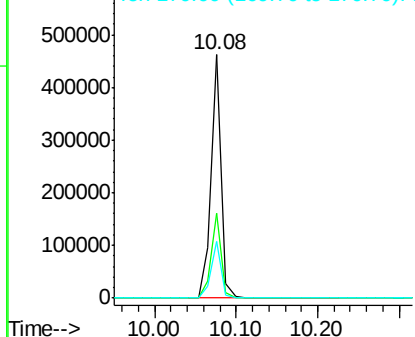


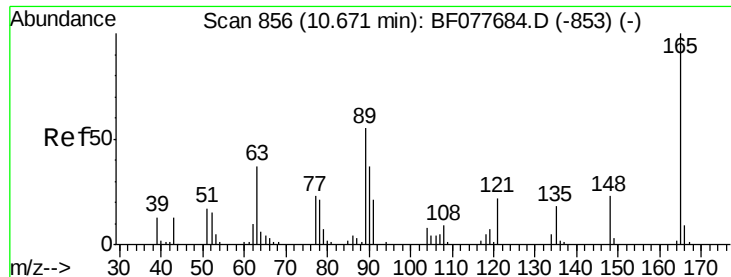
#44
 2-Fluorobiphenyl
 Concen: 89.43 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

Tgt Ion:172 Resp: 407809
 Ion Ratio Lower Upper
 172 100
 171 35.0 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

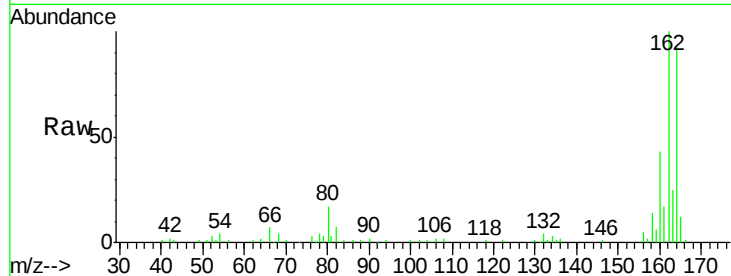




#50
 2,6-Dinitrotoluene
 Concen: 8.26 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.24 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BL

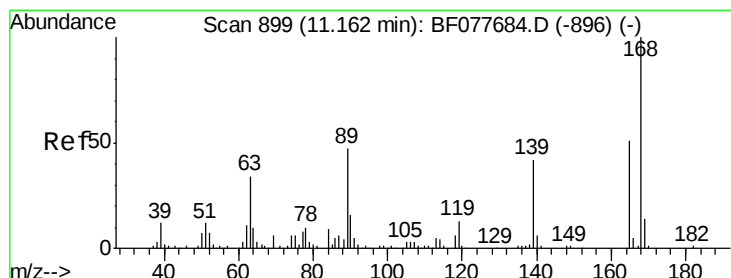
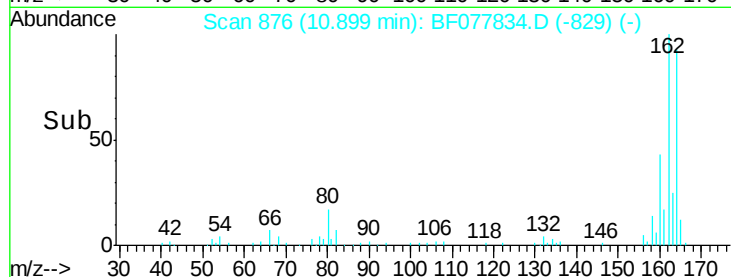
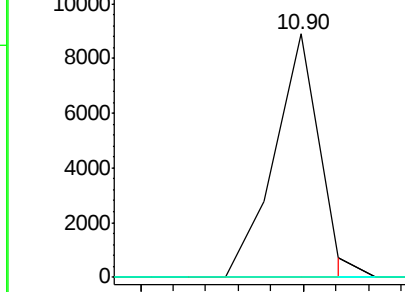
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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: 4.92 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.26 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

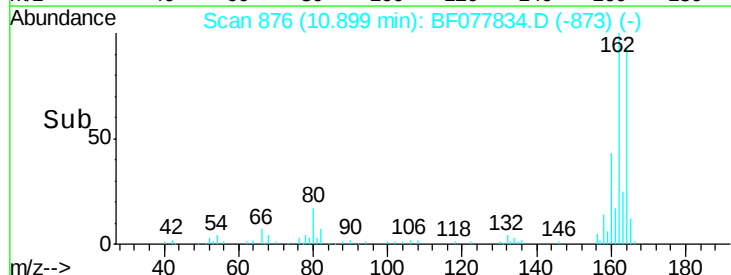
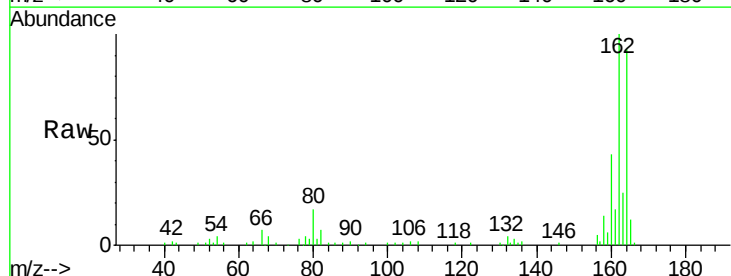
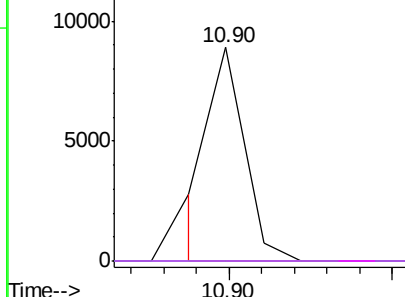
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

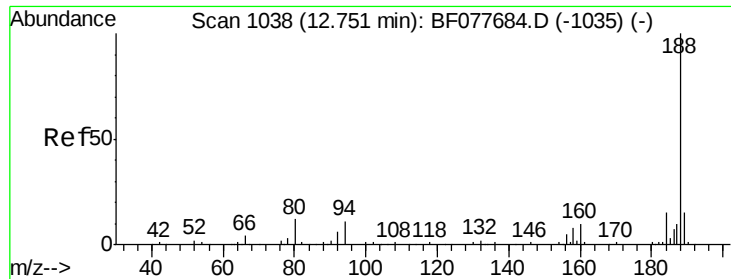
Abundance Ion 165.00 (164.70 to 165.70): E

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

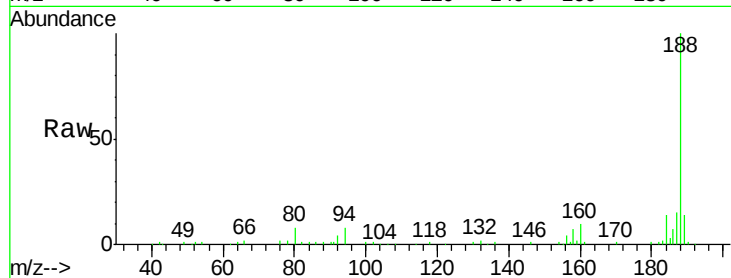




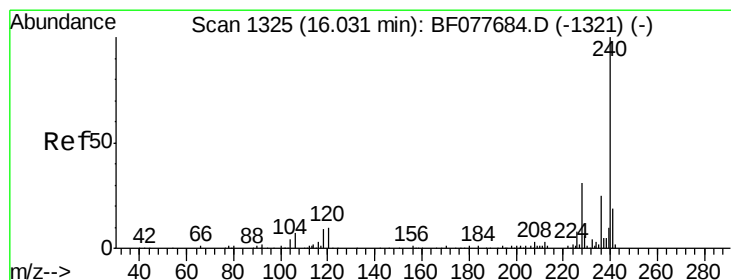
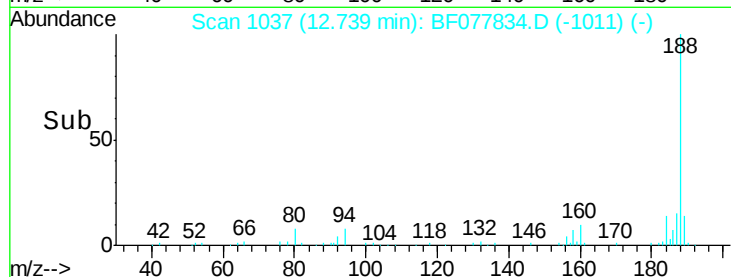
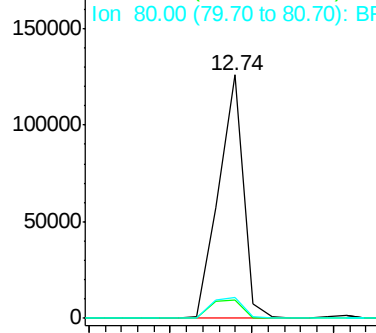
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077834.D
Acq: 19 Mar 2015 16:52

Instrument :
BNA_F
ClientSampleId :
PB82191BL

Tgt Ion:188 Resp: 132640
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 8.5 9.3 13.9#

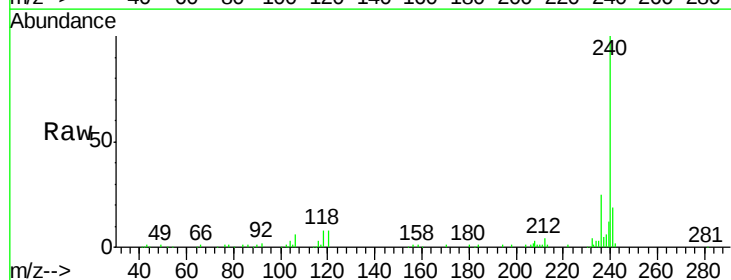


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

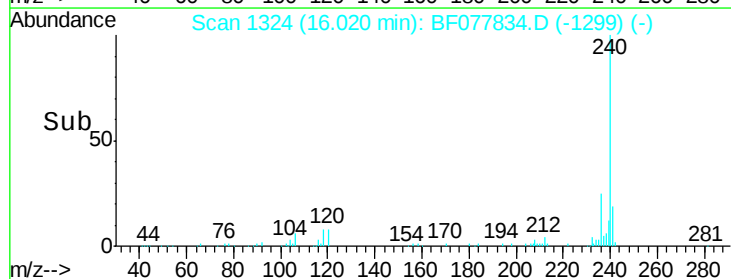
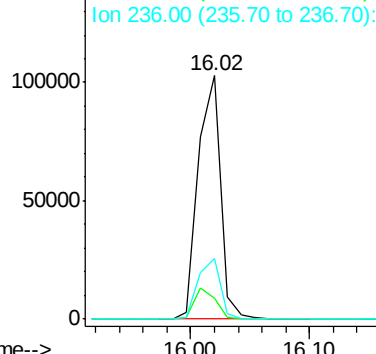


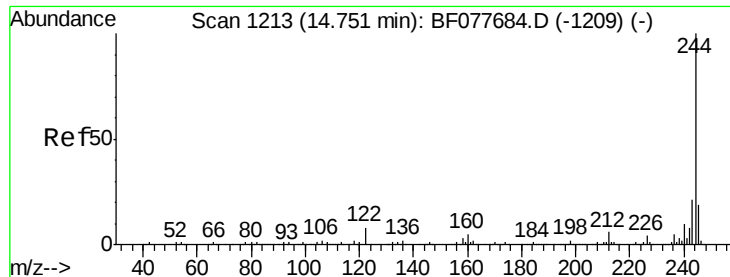
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077834.D
Acq: 19 Mar 2015 16:52

Tgt Ion:240 Resp: 133813
Ion Ratio Lower Upper
240 100
120 8.5 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

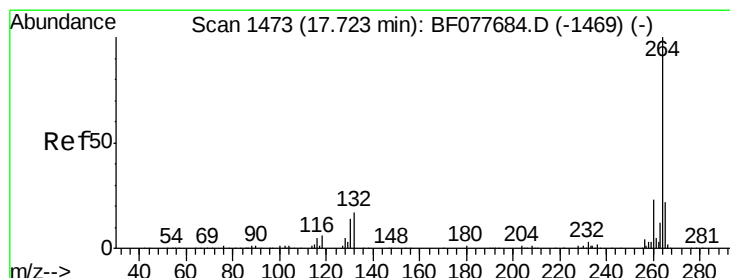
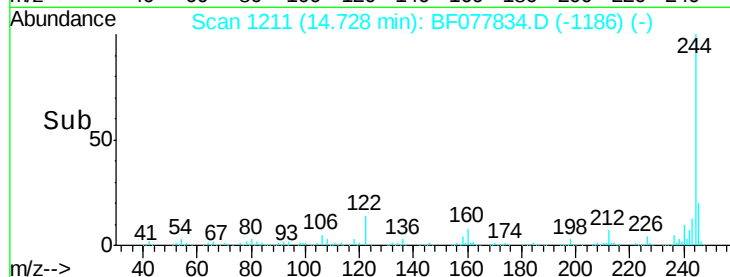
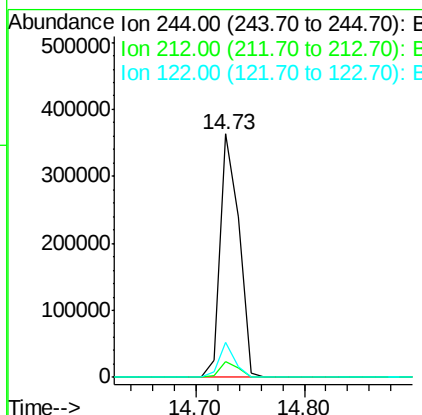
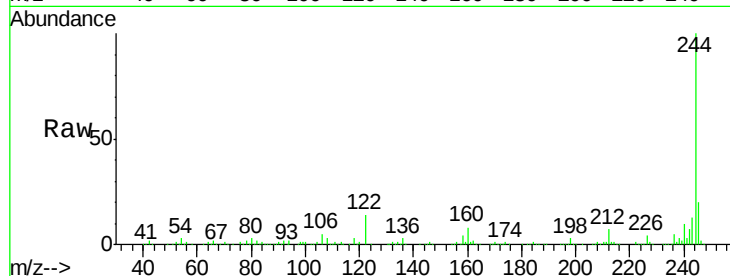




#78
 Terphenyl-d14
 Concen: 79.89 ng
 RT: 14.73 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.9	7.3
122	14.4	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.70 min Scan# 1471
 Delta R.T. -0.09 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	22.7	17.3	25.9

