

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101117.D
 Acq On : 5 Dec 2017 12:00
 Operator : SJ/JU
 Sample : PB104699BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 12:45:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

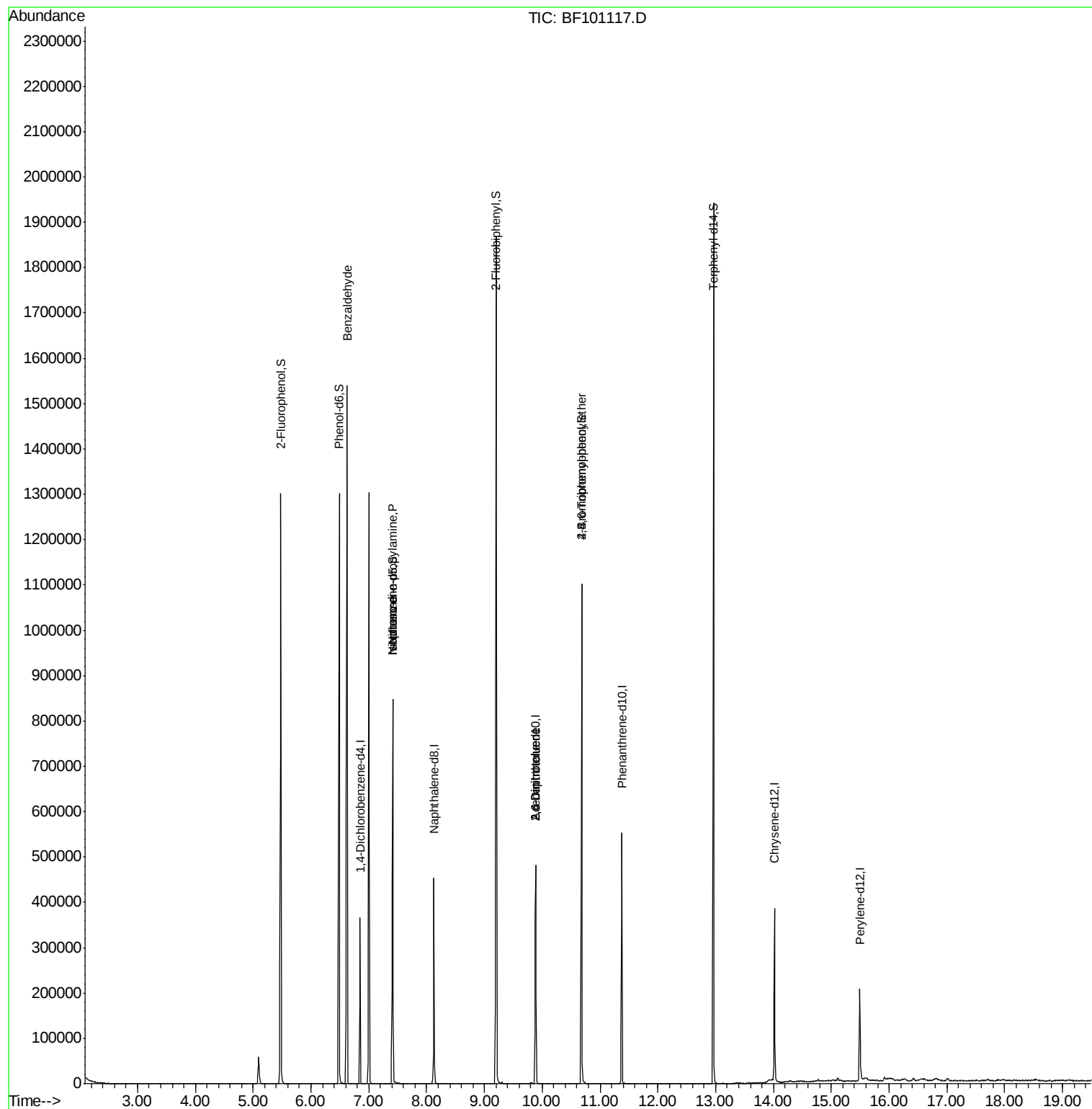
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	50789	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	199832	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	97901	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	196052	20.00	ng	0.00
75) Chrysene-d12	14.02	240	141403	20.00	ng	0.00
86) Perylene-d12	15.49	264	109526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	399466	129.97	ng	0.02
7) Phenol-d6	6.49	99	470354	126.05	ng	0.00
23) Nitrobenzene-d5	7.42	82	295840	88.31	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	144465	122.84	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	656136	91.70	ng	0.00
78) Terphenyl-d14	12.96	244	683954	105.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	8534	3.74	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.42	70	37851	15.06	ng	# 83
25) Isophorone	7.42	82	295837	51.70	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	12675	7.62	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	12675	5.69	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	8859	4.04	ng	# 1

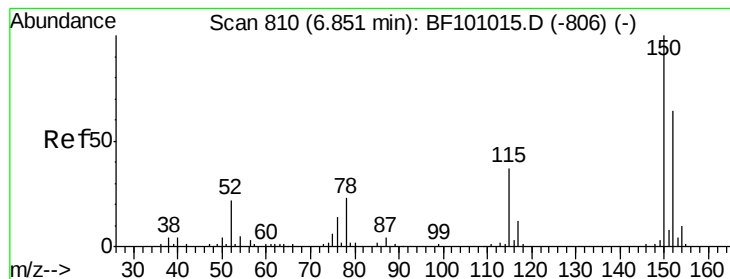
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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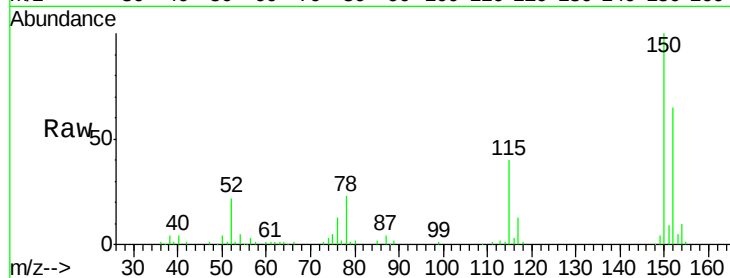


#1

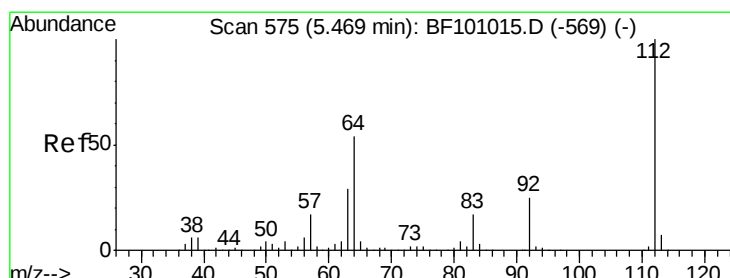
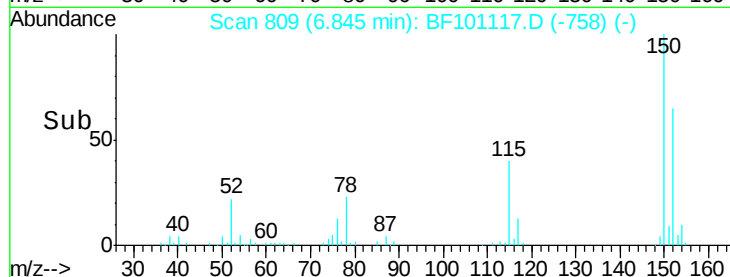
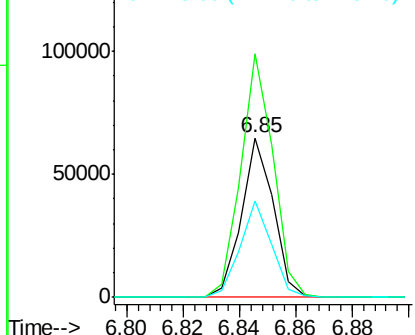
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101117.D
Acq: 5 Dec 2017 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 50789
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 60.7 50.1 75.1



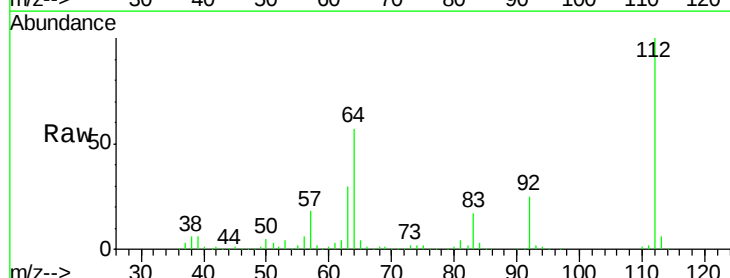
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



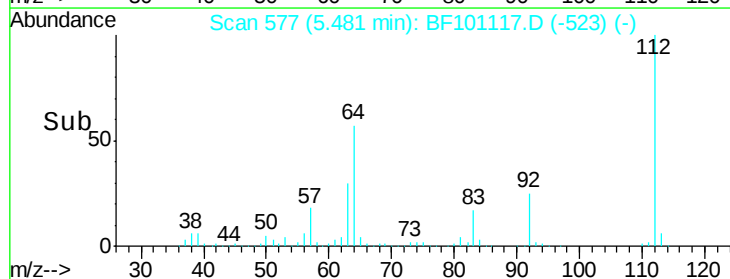
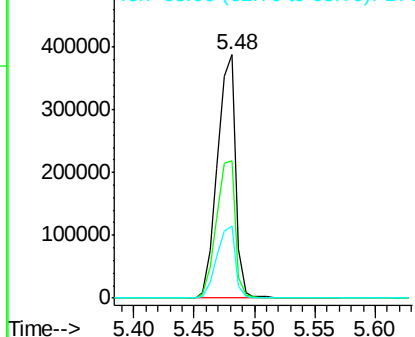
#5

2-Fluorophenol
Concen: 129.97 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF101117.D
Acq: 5 Dec 2017 12:00

Tgt Ion:112 Resp: 399466
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 126.05 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101117.D

Acq: 5 Dec 2017 12:00

Instrument :

BNA_F

ClientSampleId :

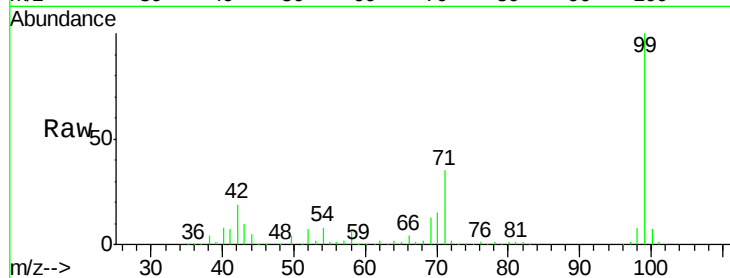
Tot Ion: 99 Resp: 470354

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

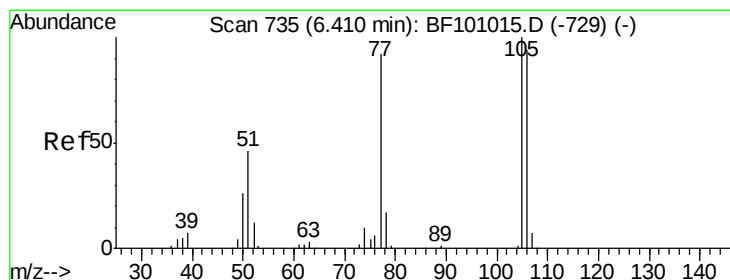
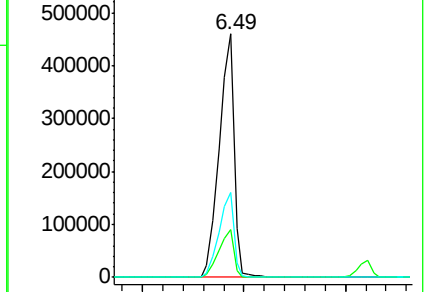
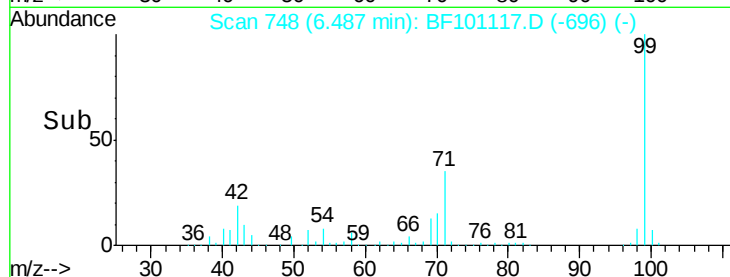
71 34.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.74 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.22 min

Lab File: BF101117.D

Acq: 5 Dec 2017 12:00

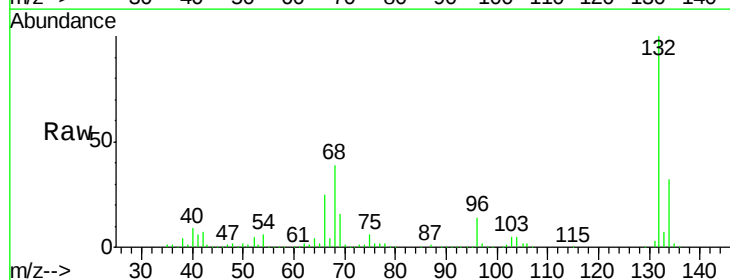
Tgt Ion: 77 Resp: 8534

Ion Ratio Lower Upper

77 100

105 85.7 81.1 121.1

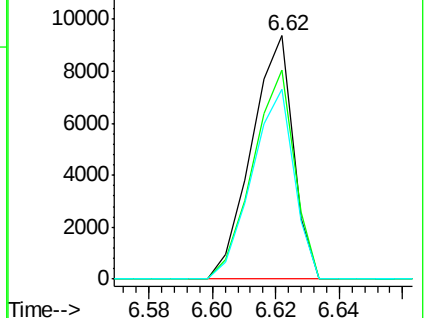
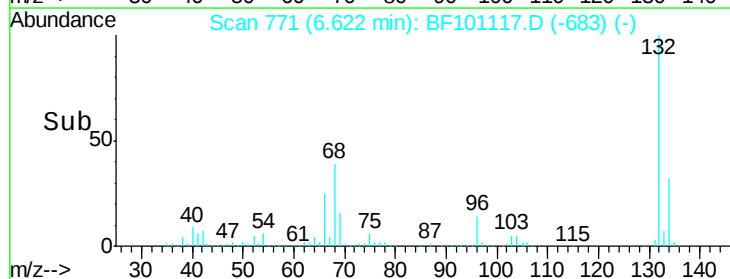
106 78.2 74.5 114.5

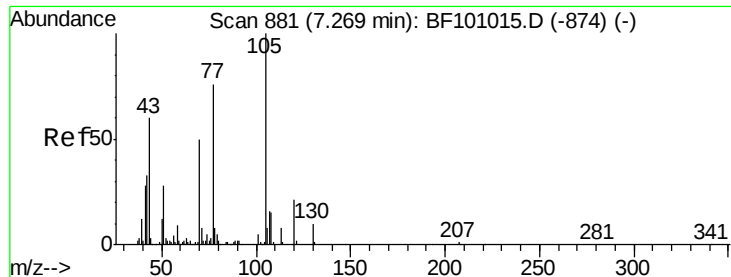


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

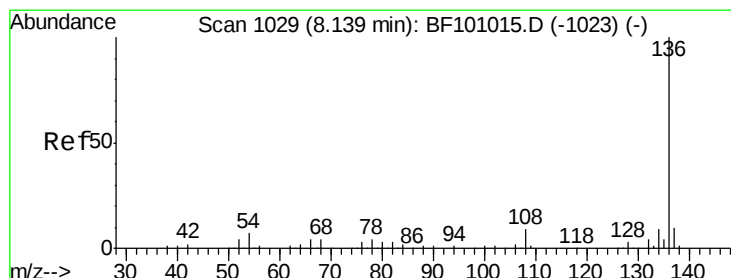
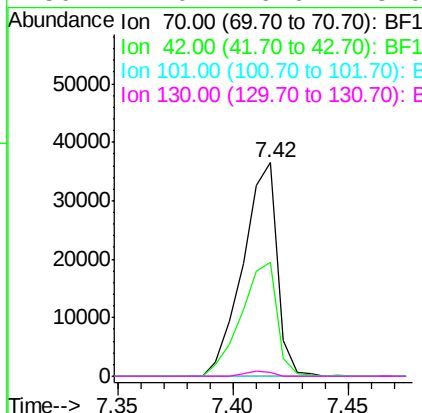
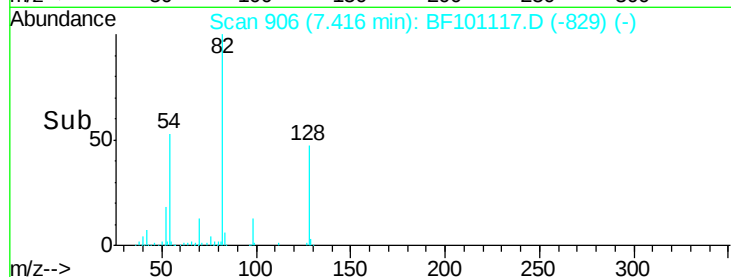
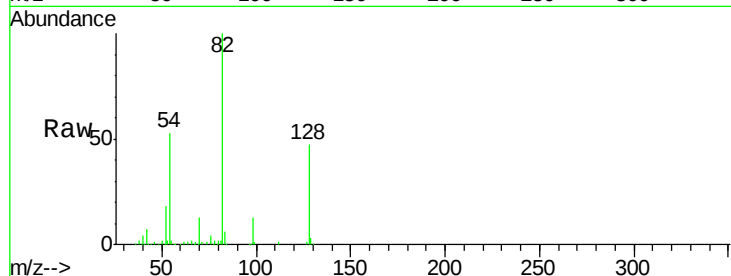




#19
n-Nitroso-di-n-propylamine
Concen: 15.06 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101117.D
Acq: 5 Dec 2017 12:00

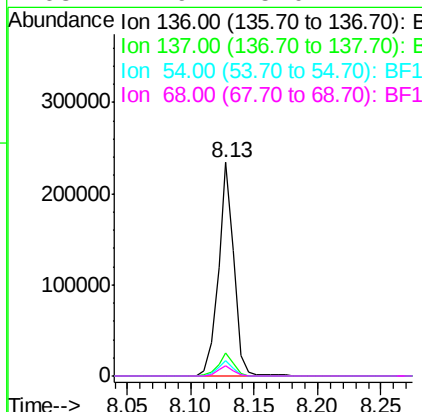
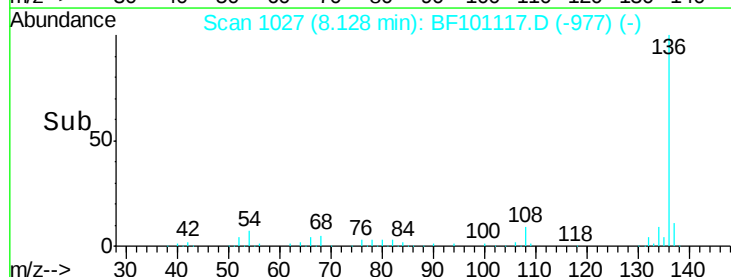
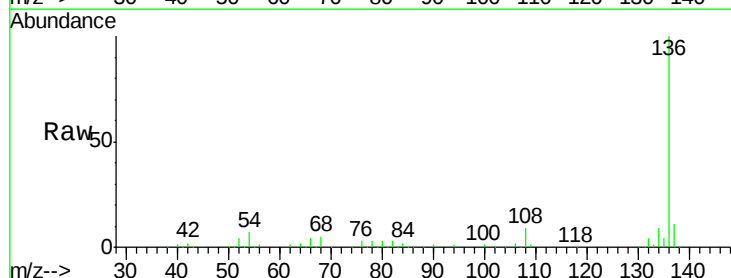
Instrument :
BNA_F
ClientSampleId :

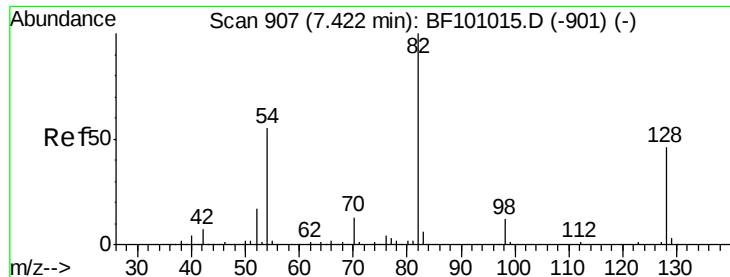
Tot Ion: 70 Resp: 37851
Ion Ratio Lower Upper
70 100
42 53.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101117.D
Acq: 5 Dec 2017 12:00

Tgt Ion: 136 Resp: 199832
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 6.6 9.8
68 4.9 5.0 7.4#

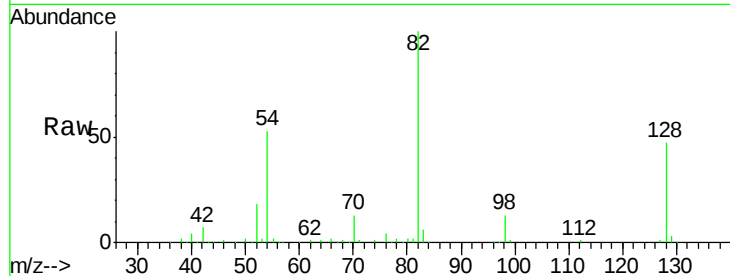




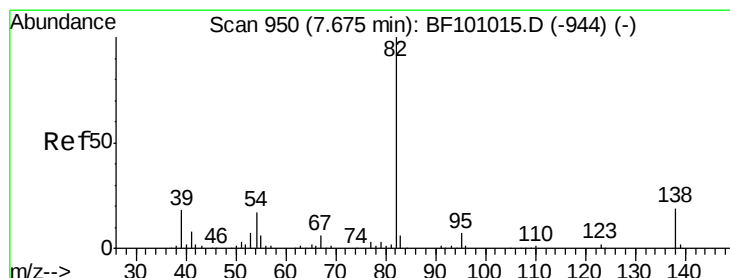
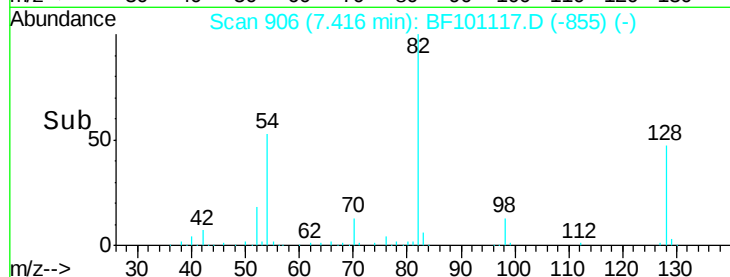
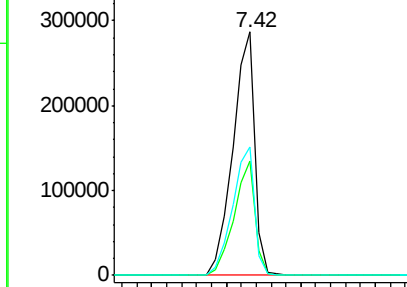
#23
Nitrobenzene-d5
Concen: 88.31 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101117.D
Acq: 5 Dec 2017 12:00

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 295840
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 52.9 41.4 62.2

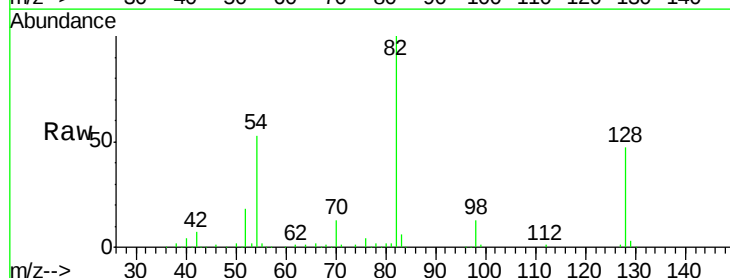


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

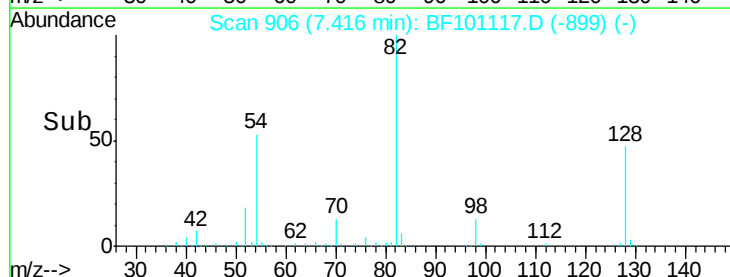
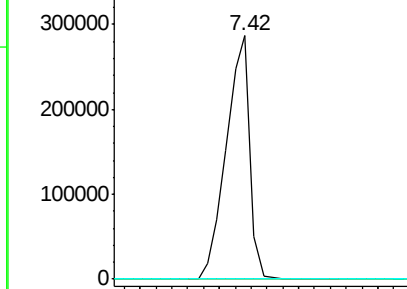


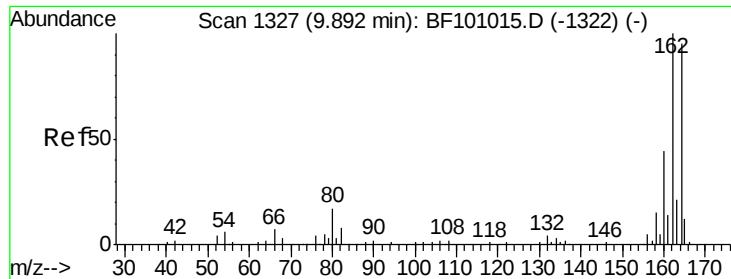
#25
Isophorone
Concen: 51.70 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101117.D
Acq: 5 Dec 2017 12:00

Tgt Ion: 82 Resp: 295837
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

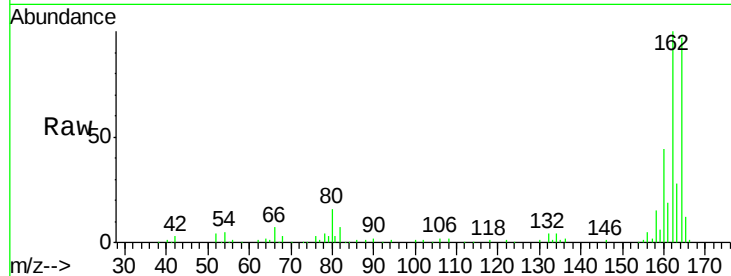




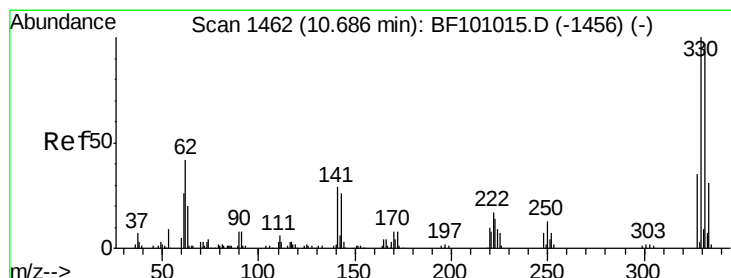
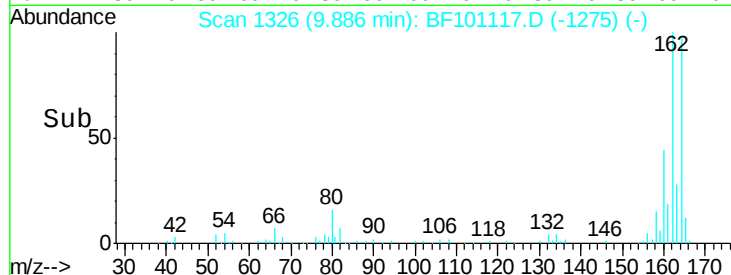
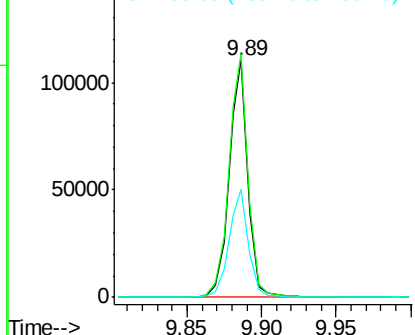
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101117.D
Acq: 5 Dec 2017 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 97901
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 45.6 38.3 57.5

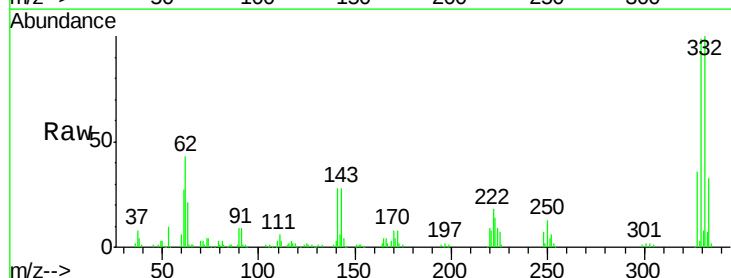


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

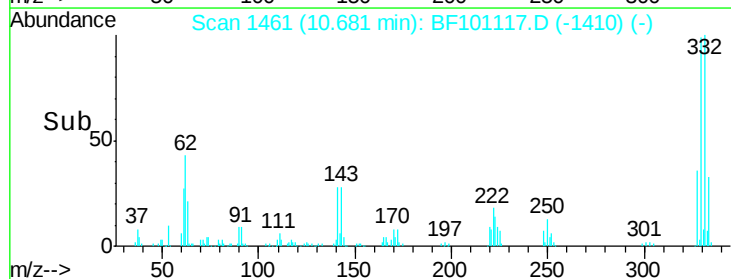
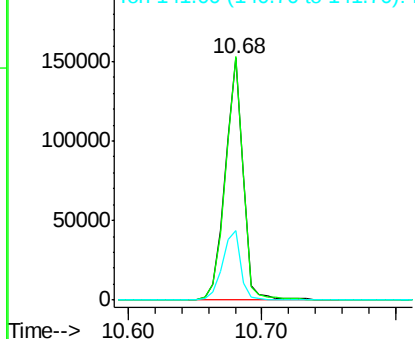


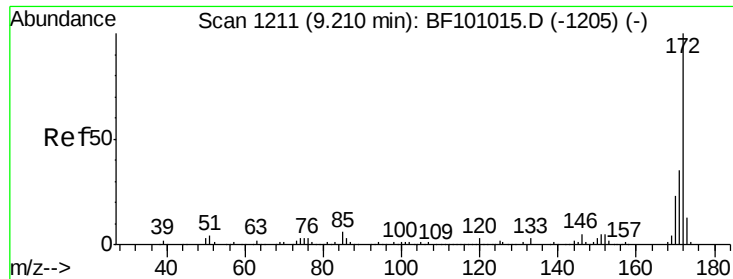
#41
2,4,6-Tribromophenol
Concen: 122.84 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101117.D
Acq: 5 Dec 2017 12:00

Tgt Ion:330 Resp: 144465
Ion Ratio Lower Upper
330 100
332 99.2 77.0 115.6
141 29.2 29.9 44.9#



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

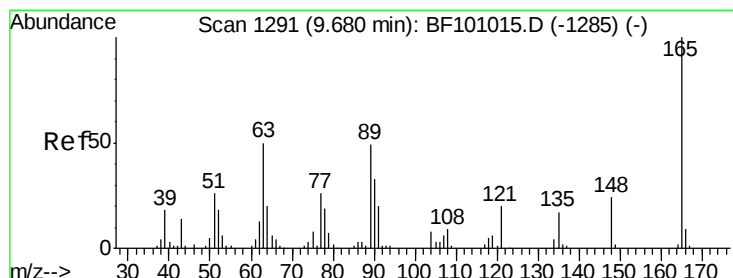
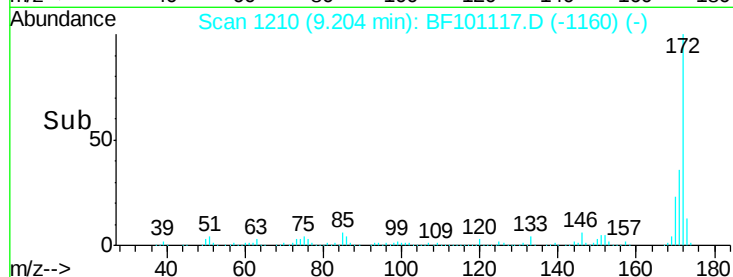
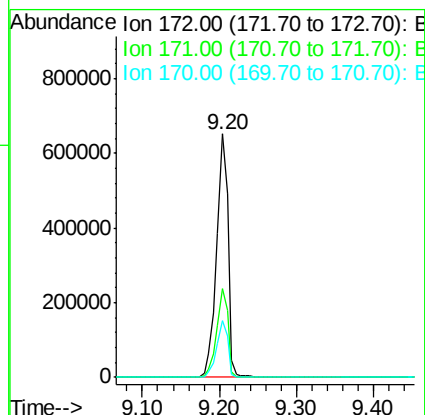
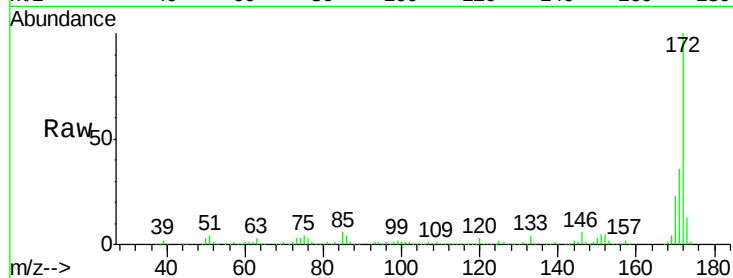




#44
 2-Fluorobiphenyl
 Concen: 91.70 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101117.D
 Acq: 5 Dec 2017 12:00

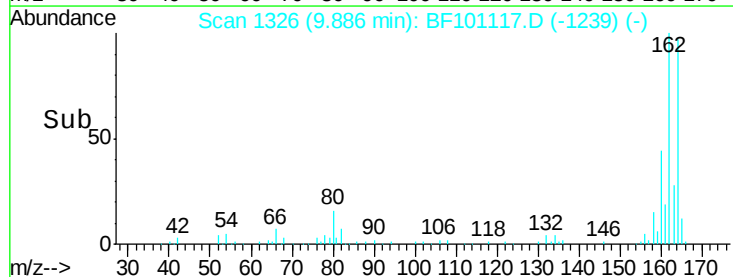
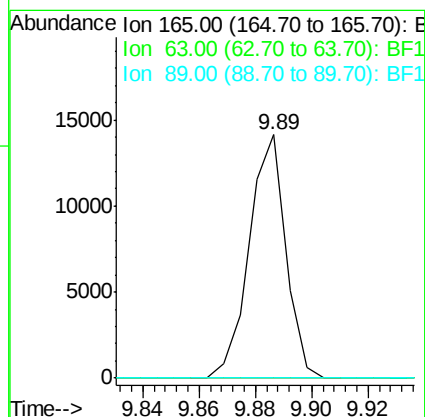
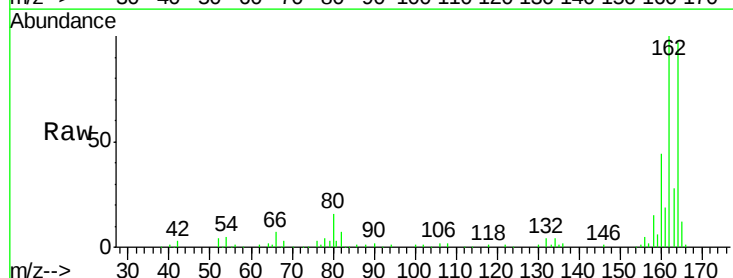
Instrument :
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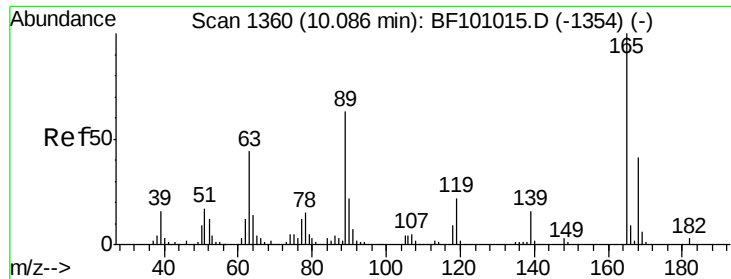
Tot Ion:172 Resp: 656136
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.4 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.62 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF101117.D
 Acq: 5 Dec 2017 12:00

Tgt Ion:165 Resp: 12675
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

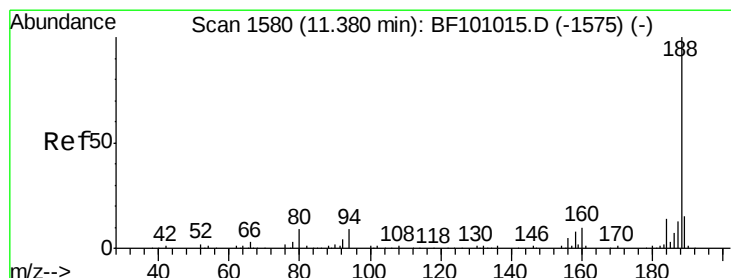
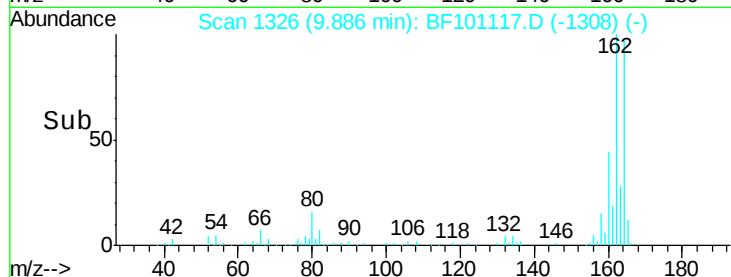
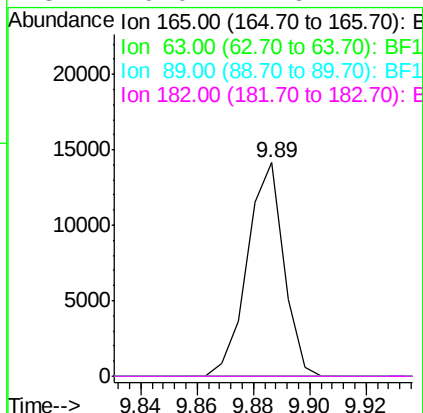
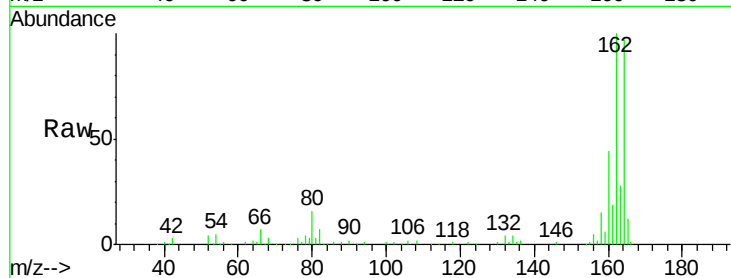




#56
 2,4-Dinitrotoluene
 Concen: 5.69 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101117.D
 Acq: 5 Dec 2017 12:00

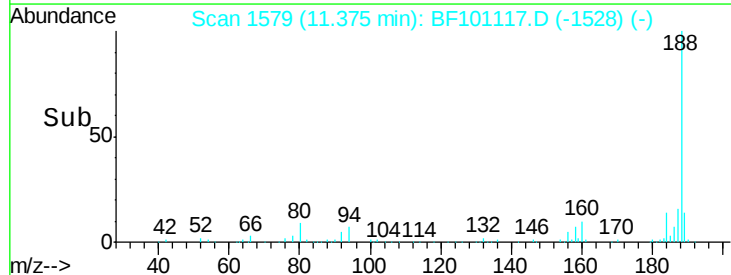
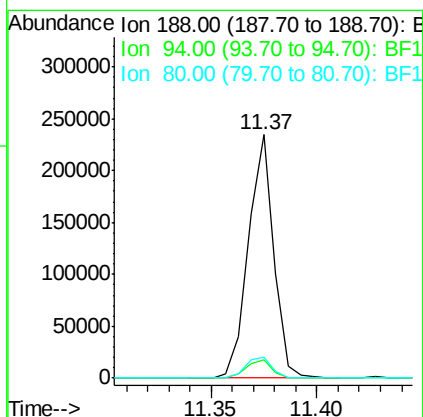
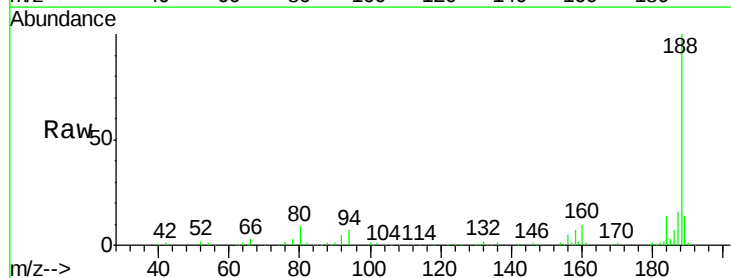
Instrument :
 BNA_F
 ClientSampleId :

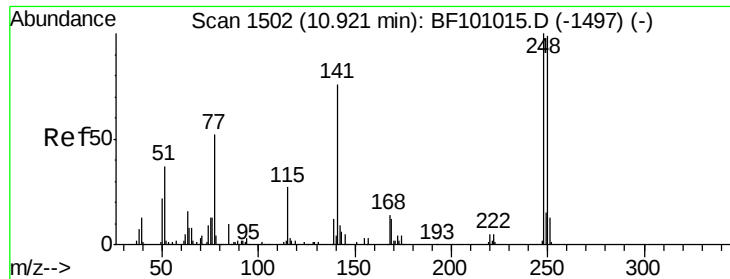
Tot Ion:165	Resp:	12675
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101117.D
 Acq: 5 Dec 2017 12:00

Tgt Ion:188	Resp:	196052
Ion Ratio	Lower	Upper
188	100	
94	7.5	8.5 12.7#
80	8.6	9.2 13.8#

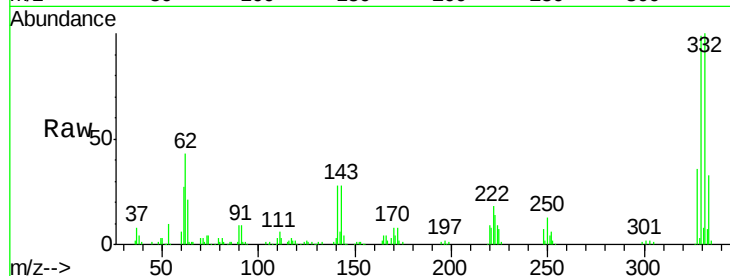




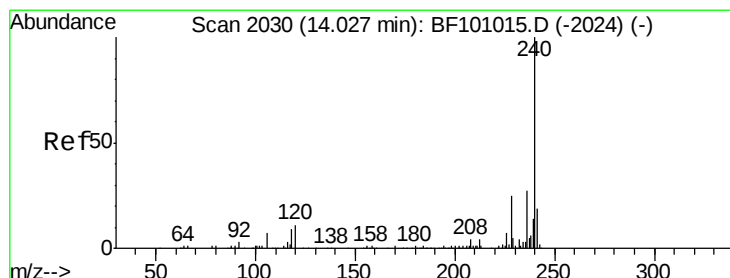
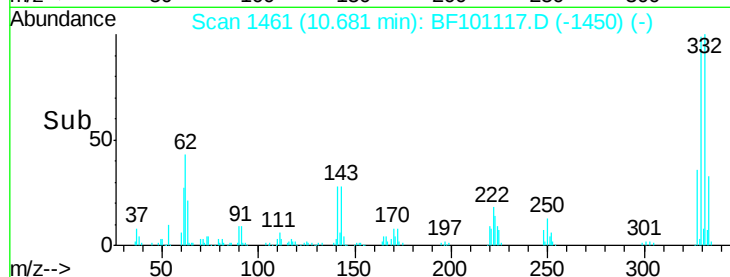
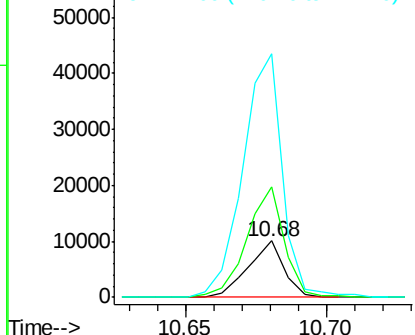
#66
 4-Bromophenyl-phenylether
 Concen: 4.04 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.23 min
 Lab File: BF101117.D
 Acq: 5 Dec 2017 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8859
 Ion Ratio Lower Upper
 248 100
 250 194.5 76.9 115.3#
 141 430.5 74.4 111.6#

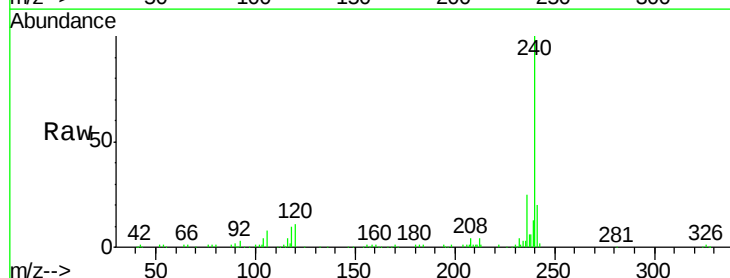


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

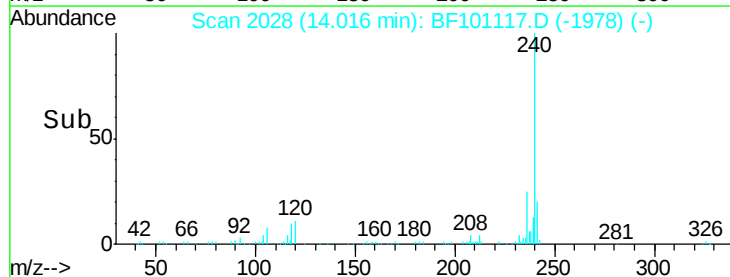
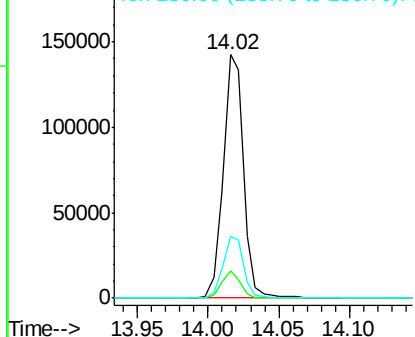


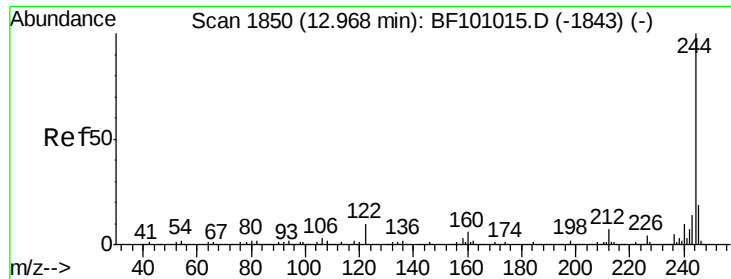
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101117.D
 Acq: 5 Dec 2017 12:00

Tgt Ion:240 Resp: 141403
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.5 14.3
 236 25.5 20.7 31.1



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

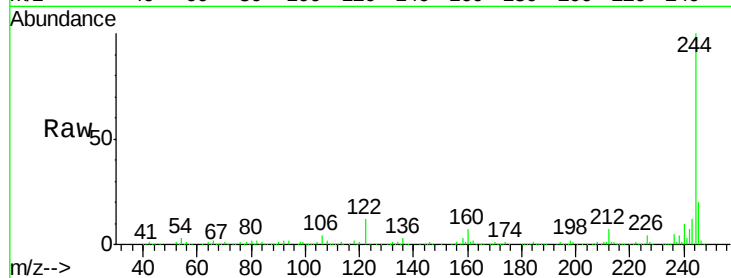




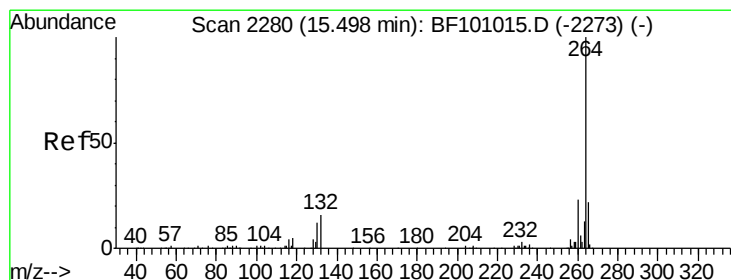
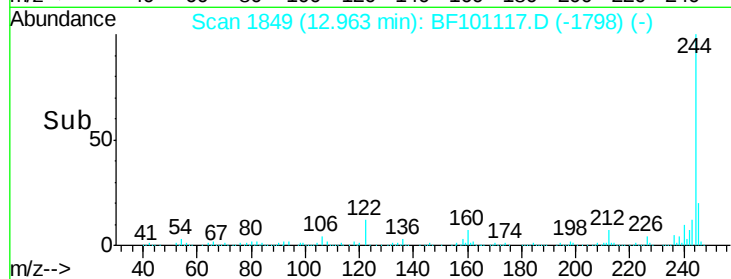
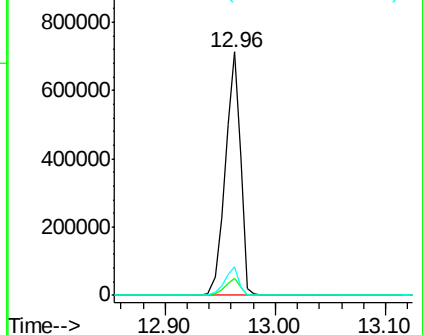
#78
 Terphenyl-d14
 Concen: 105.80 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101117.D
 Acq: 5 Dec 2017 12:00

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 683954
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.6 11.0 16.4

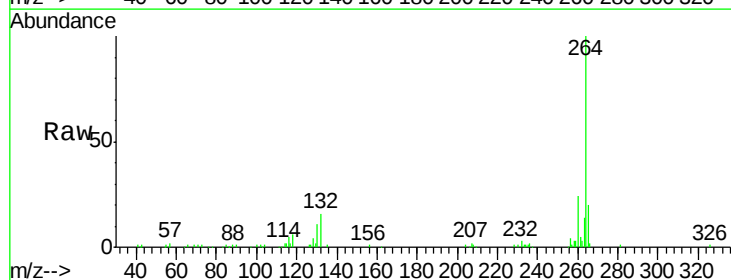


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101117.D
 Acq: 5 Dec 2017 12:00

Tgt Ion:264 Resp: 109526
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.3 17.5 26.3



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

