

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101229.D
 Acq On : 8 Dec 2017 2:59
 Operator : SJ/JU
 Sample : I6732-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 08 05:08:51 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	6.84	152	41203	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	145787	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	58379	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	100903	20.00	ng	0.00
75) Chrysene-d12	14.02	240	84543	20.00	ng	0.00
86) Perylene-d12	15.50	264	65152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	112488	45.11	ng	0.00
7) Phenol-d6	6.47	99	85330	28.19	ng	-0.01
23) Nitrobenzene-d5	7.41	82	237376	97.13	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	56135	80.04	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	490303	114.91	ng	-0.01
78) Terphenyl-d14	12.96	244	376990	97.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	4239	2.288	ng	88
19) n-Nitroso-di-n-propylamine	7.41	70	31322	15.363	ng	# 78
25) Isophorone	7.41	82	237374	56.863	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	7634	7.698	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	7634	5.744	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	3705	3.280	ng	# 1

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

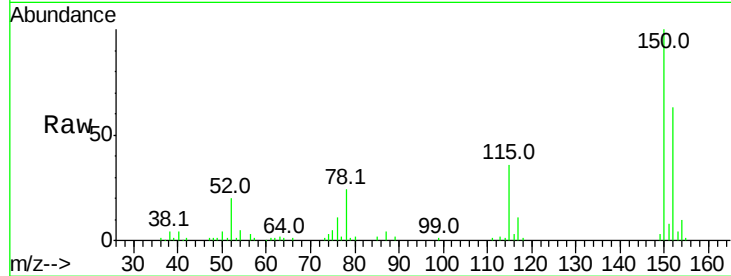


#1

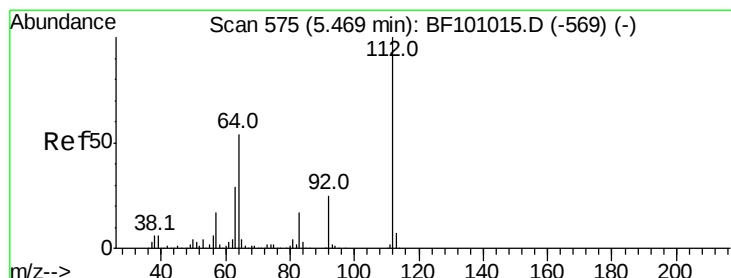
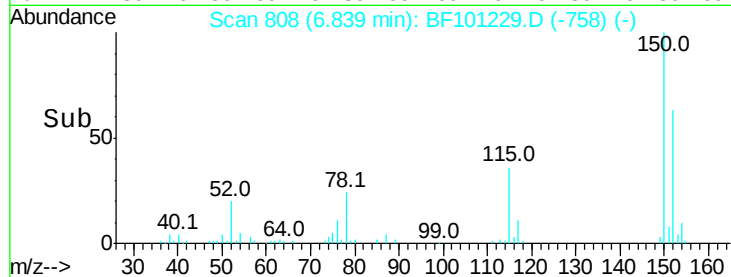
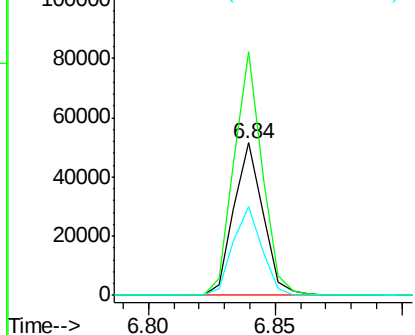
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101229.D
Acq: 8 Dec 2017 2:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 41203
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 58.1 50.1 75.1



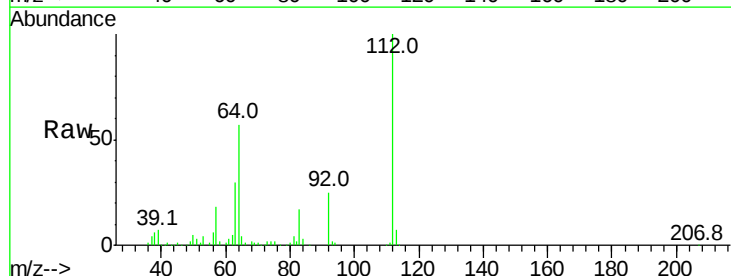
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



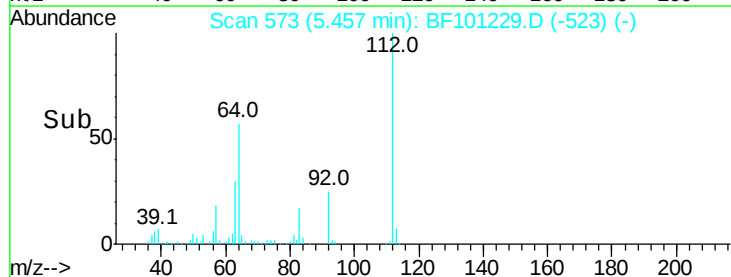
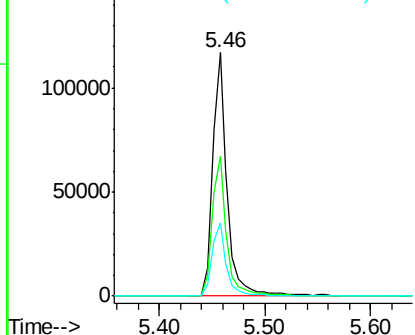
#5

2-Fluorophenol
Concen: 45.113 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101229.D
Acq: 8 Dec 2017 2:59

Tgt Ion:112 Resp: 112488
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 30.2 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: 28.187 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101229.D

Acq: 8 Dec 2017 2:59

Instrument :

BNA_F

ClientSampleId :

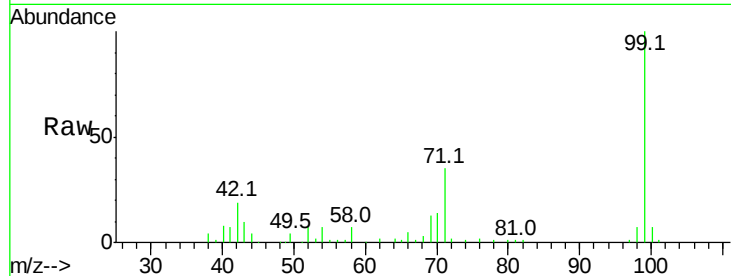
Tot Ion: 99 Resp: 85330

Ion Ratio Lower Upper

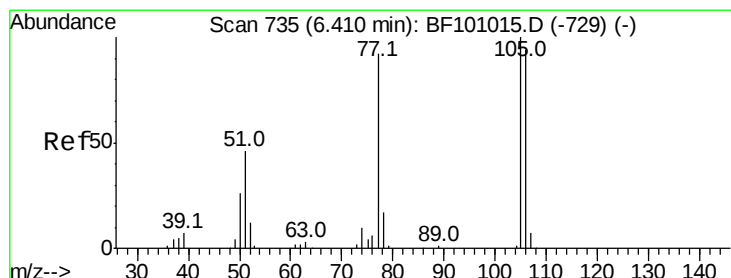
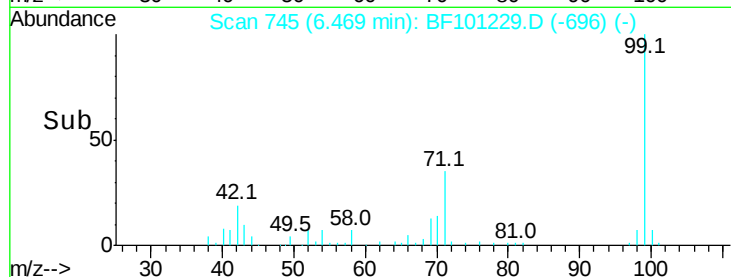
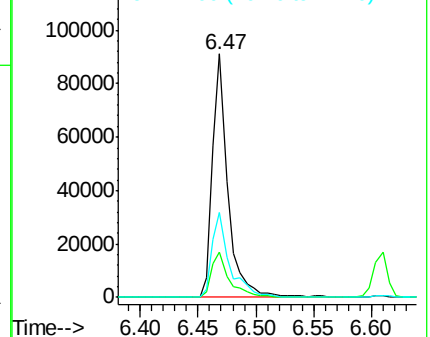
99 100

42 18.5 14.5 21.7

71 34.8 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: 2.288 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.21 min

Lab File: BF101229.D

Acq: 8 Dec 2017 2:59

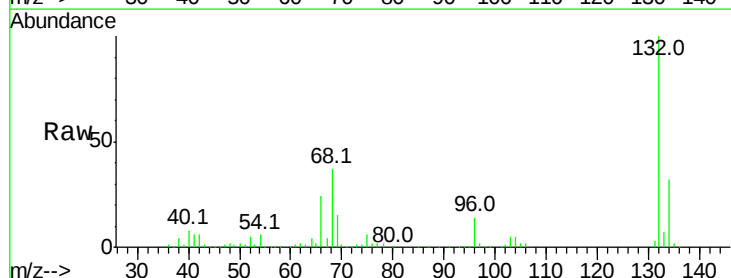
Tgt Ion: 77 Resp: 4239

Ion Ratio Lower Upper

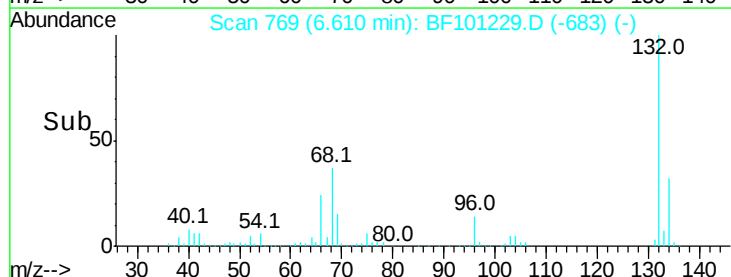
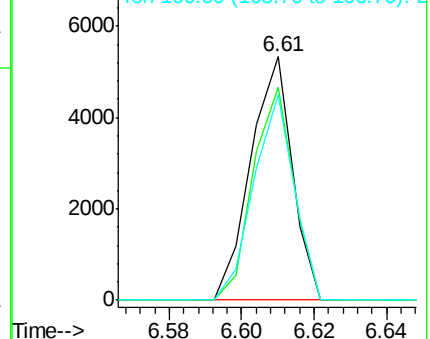
77 100

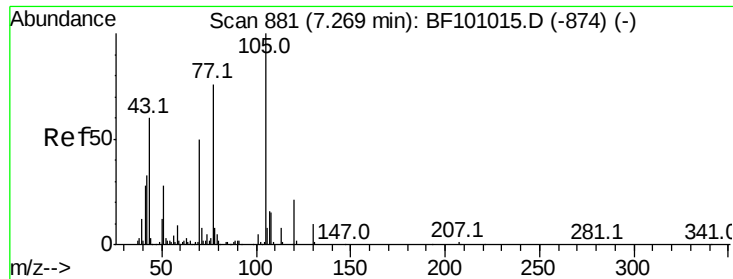
105 87.2 81.1 121.1

106 84.2 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

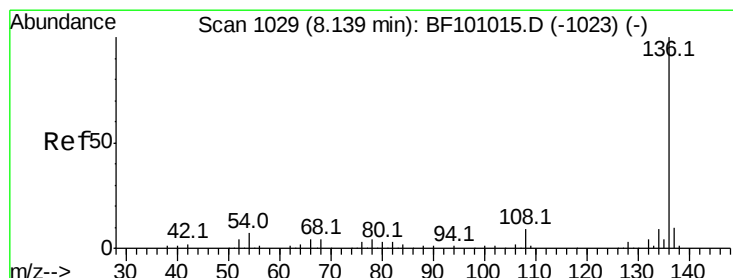
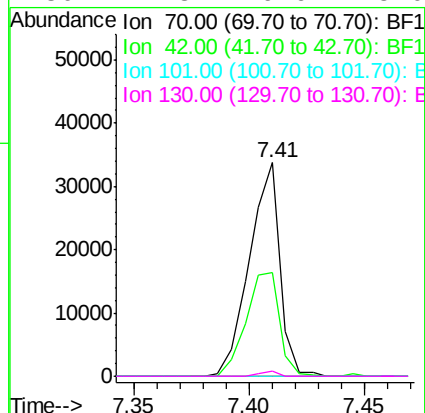
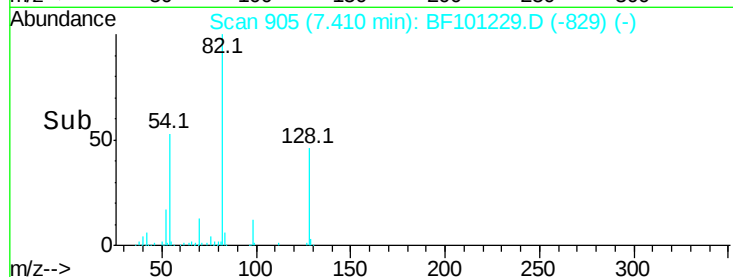
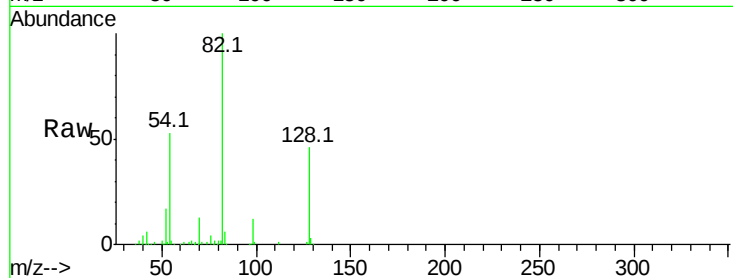




#19
n-Nitroso-di-n-propylamine
Concen: 15.363 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101229.D
Acq: 8 Dec 2017 2:59

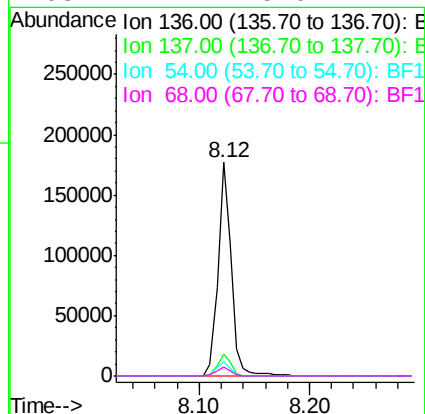
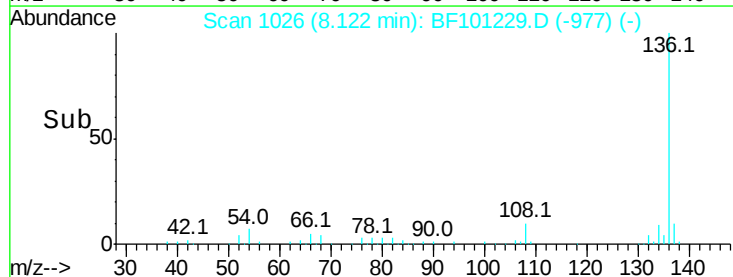
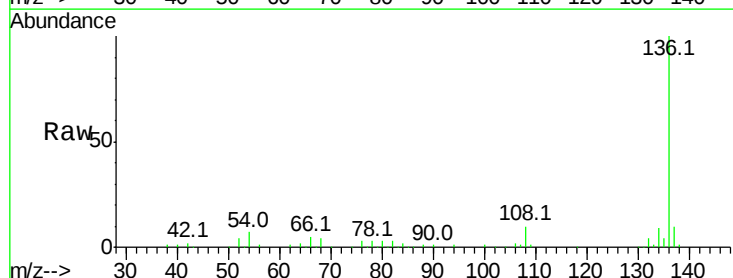
Instrument :
BNA_F
ClientSampled :

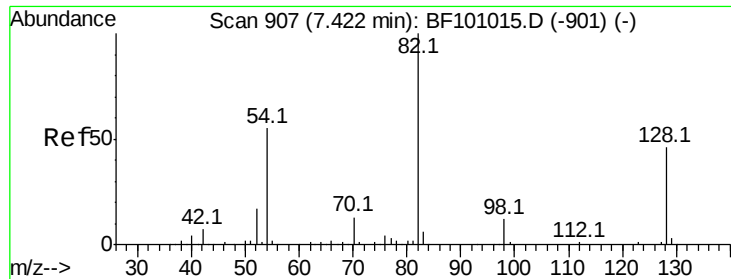
Tot Ion: 70 Resp: 31322
Ion Ratio Lower Upper
70 100
42 48.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101229.D
Acq: 8 Dec 2017 2:59

Tgt Ion:136 Resp: 145787
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.8 6.6 9.8
68 4.4 5.0 7.4#

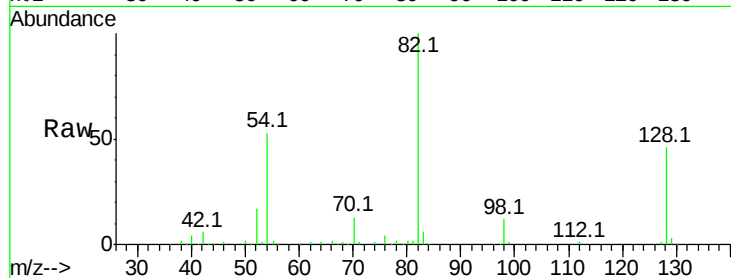




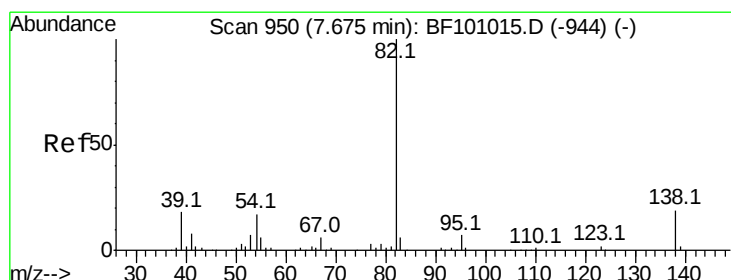
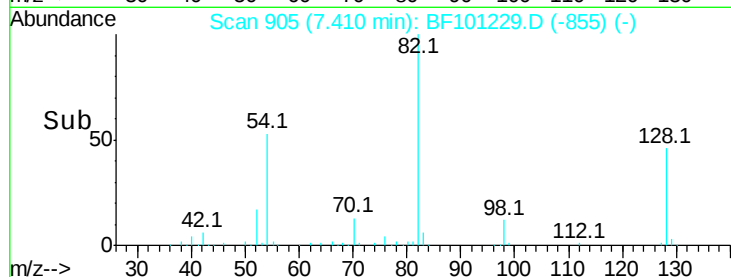
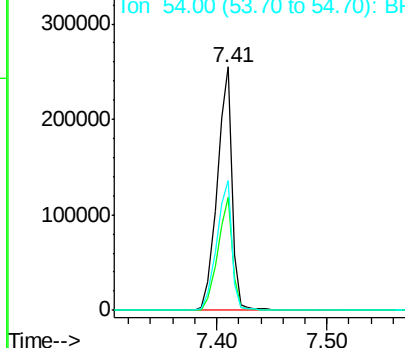
#23
Nitrobenzene-d5
Concen: 97.130 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101229.D
Acq: 8 Dec 2017 2:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 237376
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 53.5 41.4 62.2

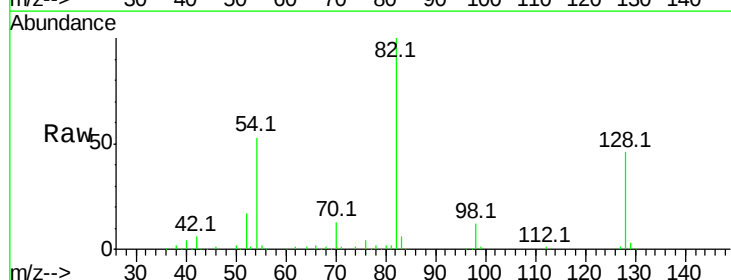


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

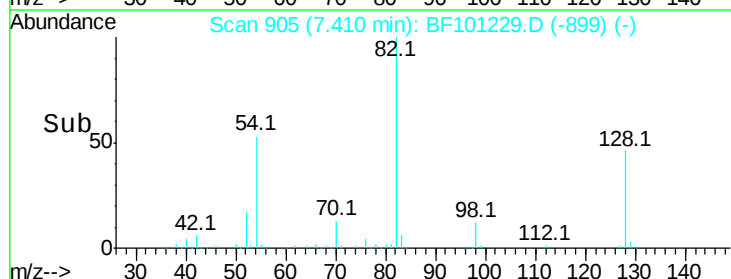
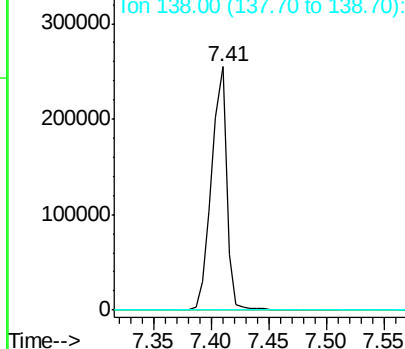


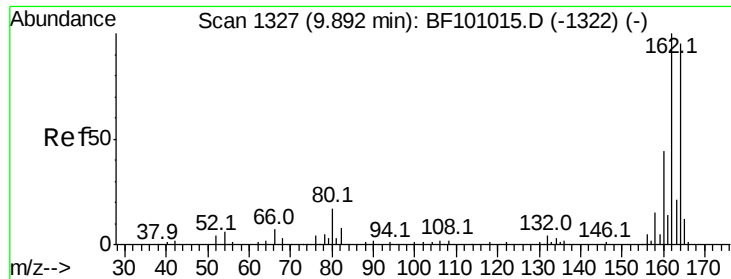
#25
Isophorone
Concen: 56.863 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101229.D
Acq: 8 Dec 2017 2:59

Tgt Ion: 82 Resp: 237374
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

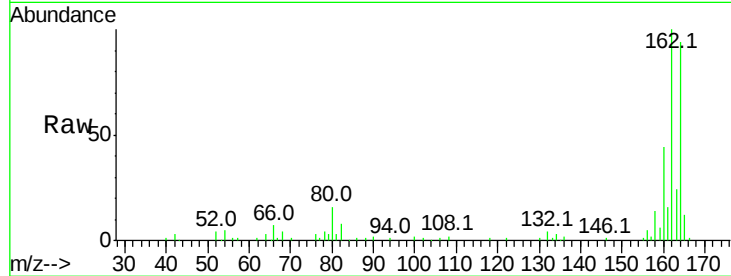




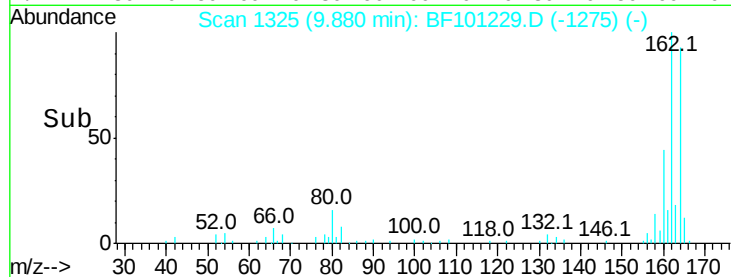
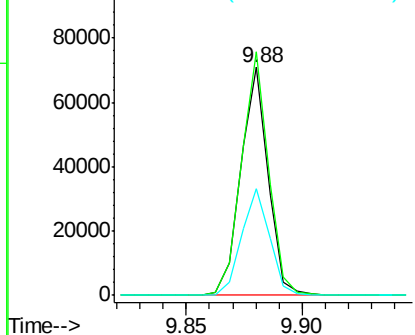
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101229.D
 Acq: 8 Dec 2017 2:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 58379
 Ion Ratio Lower Upper
 164 100
 162 106.8 86.1 129.1
 160 47.0 38.3 57.5

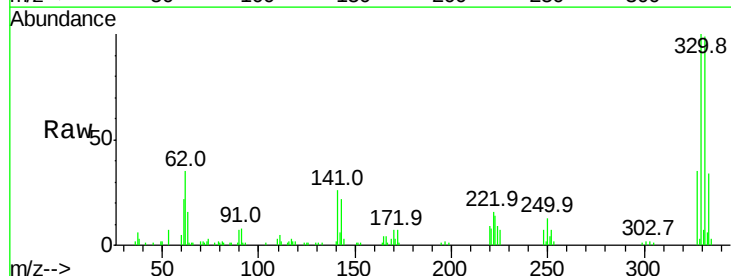


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

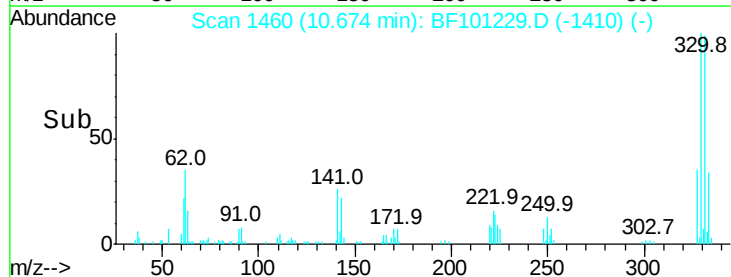
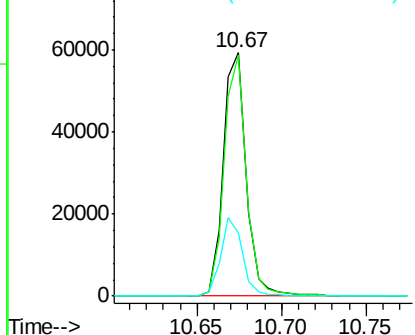


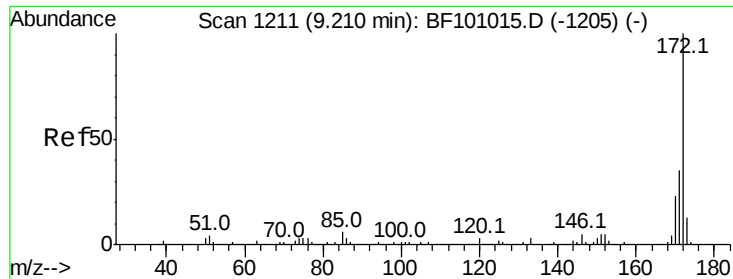
#41
 2,4,6-Tribromophenol
 Concen: 80.044 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101229.D
 Acq: 8 Dec 2017 2:59

Tgt Ion:330 Resp: 56135
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 30.7 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

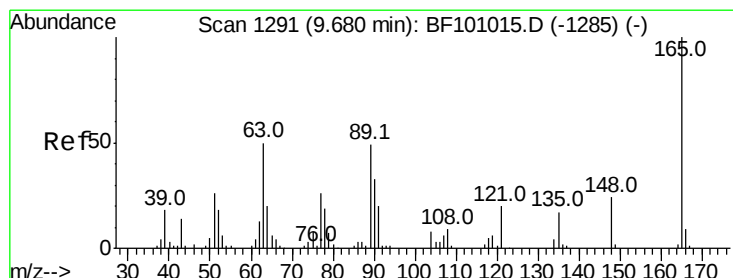
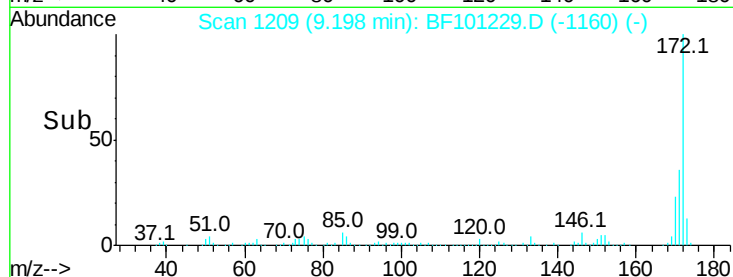
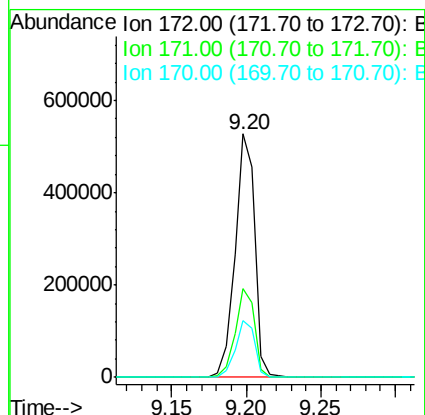
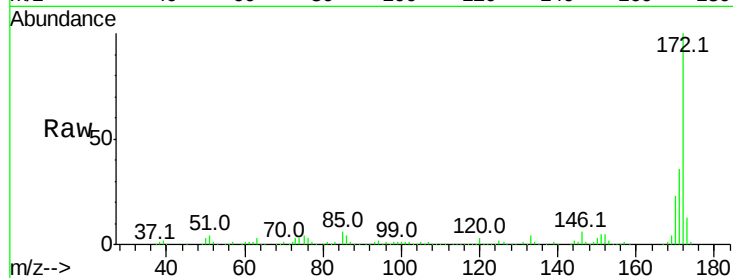




#44
 2-Fluorobiphenyl
 Concen: 114.910 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101229.D
 Acq: 8 Dec 2017 2:59

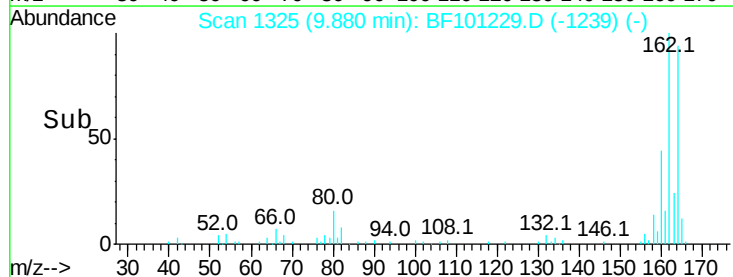
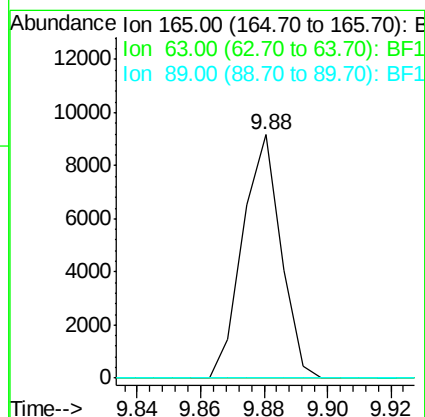
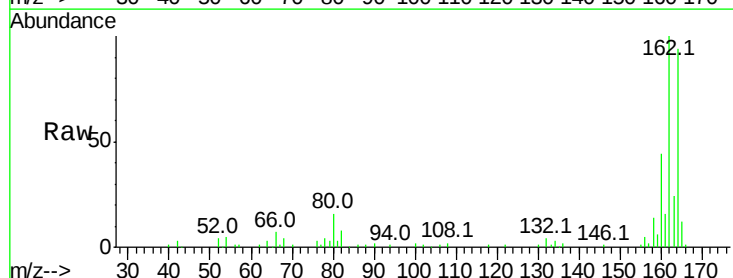
Instrument :
 BNA_F
 ClientSampleId :

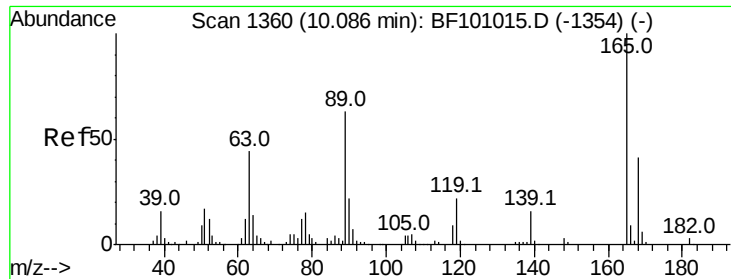
Tot Ion:172 Resp: 490303
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.4 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.698 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101229.D
 Acq: 8 Dec 2017 2:59

Tgt Ion:165 Resp: 7634
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

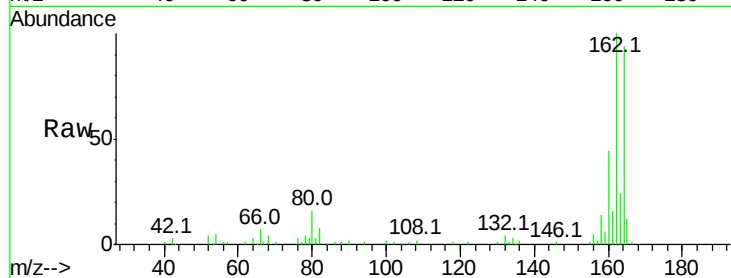




#56
 2,4-Dinitrotoluene
 Concen: 5.744 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101229.D
 Acq: 8 Dec 2017 2:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	7634
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#

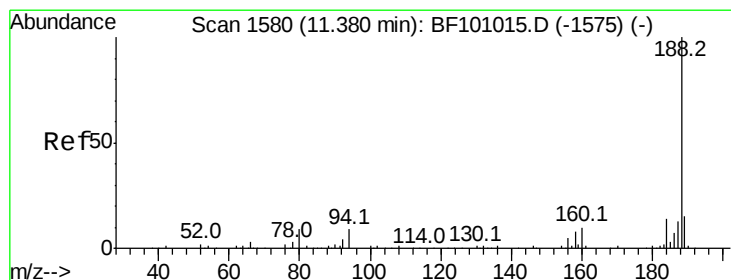
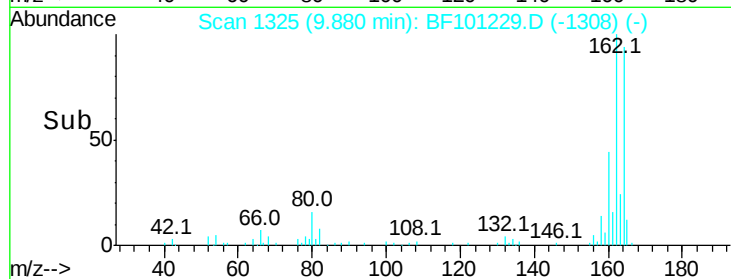
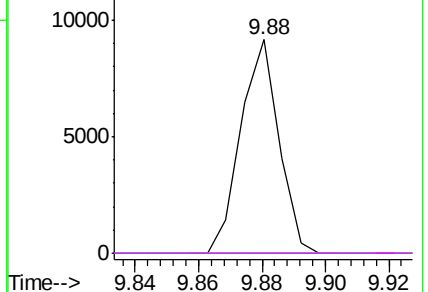


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

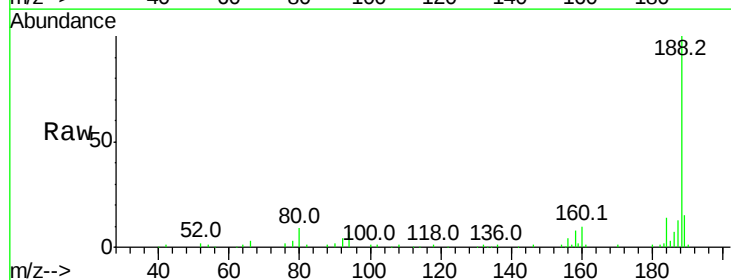
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF101229.D
 Acq: 8 Dec 2017 2:59

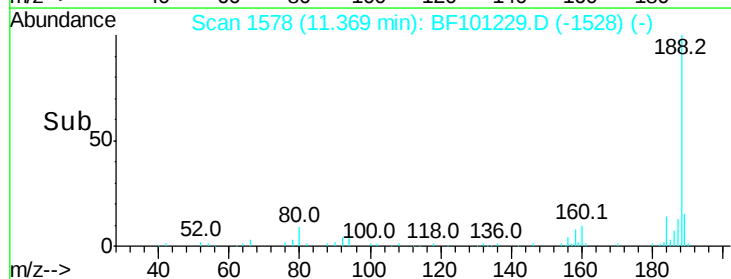
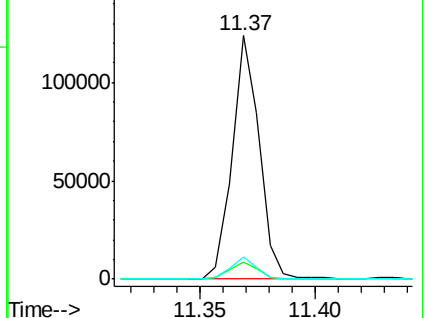
Tgt Ion:188	Resp:	100903
Ion Ratio	Lower	Upper
188 100		
94 7.3	8.5	12.7#
80 9.0	9.2	13.8#

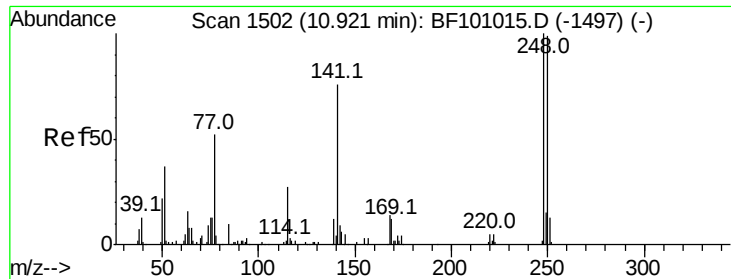


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

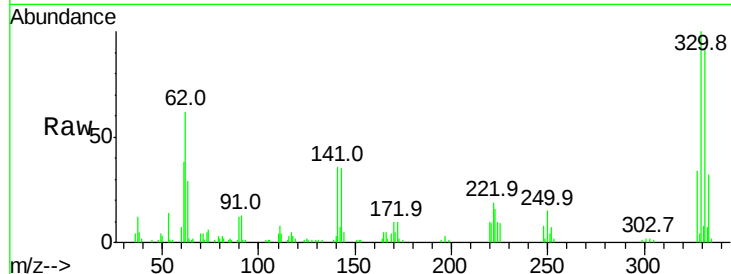




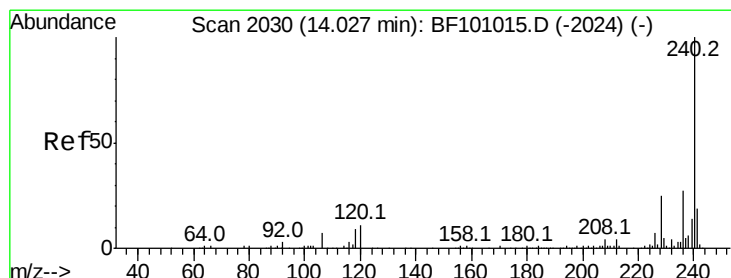
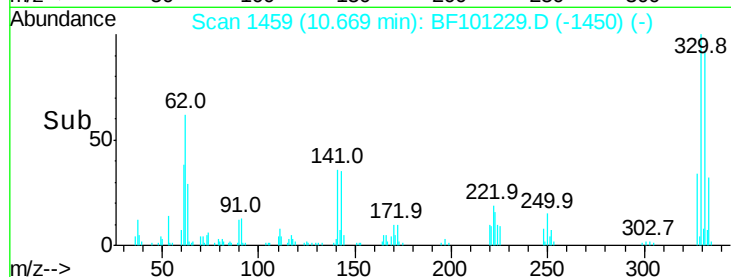
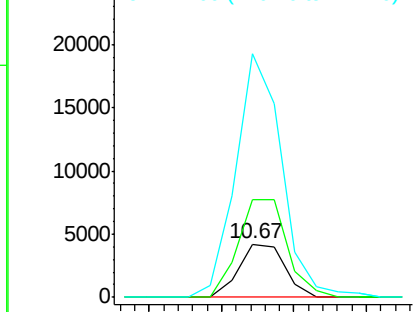
#66
4-Bromophenyl-phenylether
Concen: 3.280 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF101229.D
Acq: 8 Dec 2017 2:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 3705
Ion Ratio Lower Upper
248 100
250 184.8 76.9 115.3#
141 458.8 74.4 111.6#

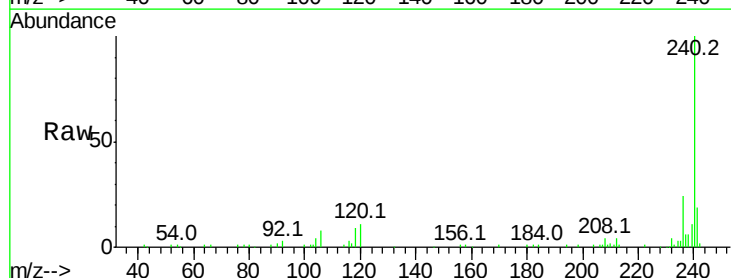


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

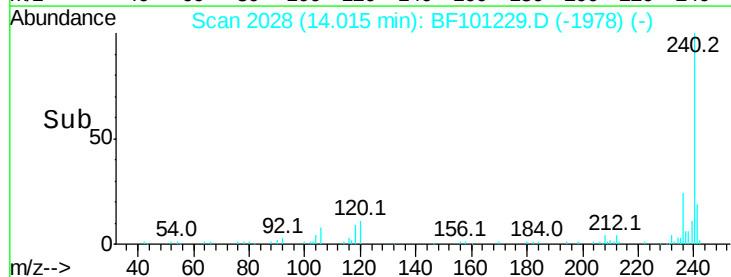
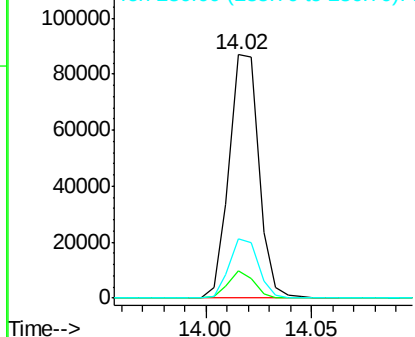


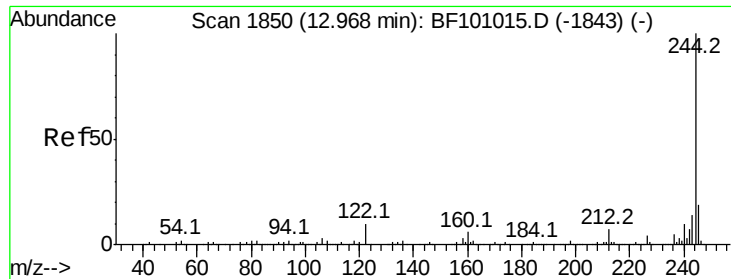
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101229.D
Acq: 8 Dec 2017 2:59

Tgt Ion:240 Resp: 84543
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 24.4 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

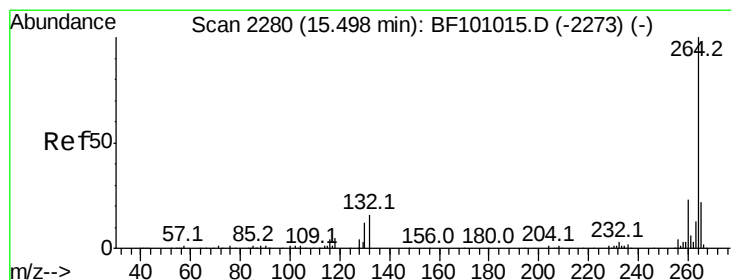
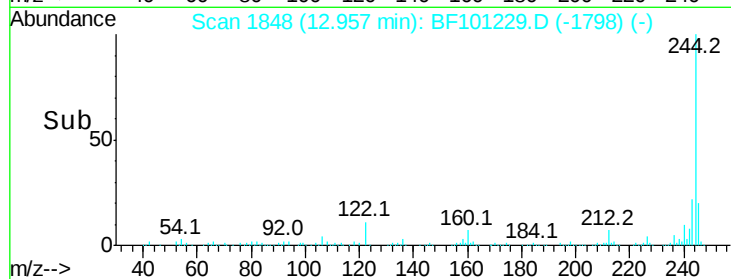
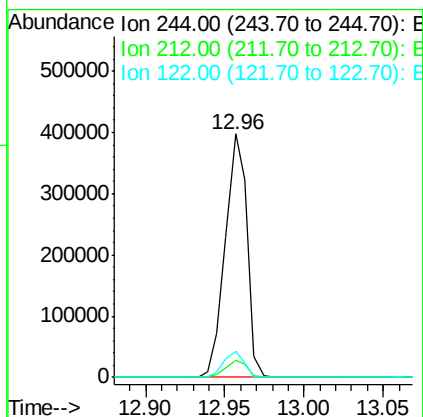
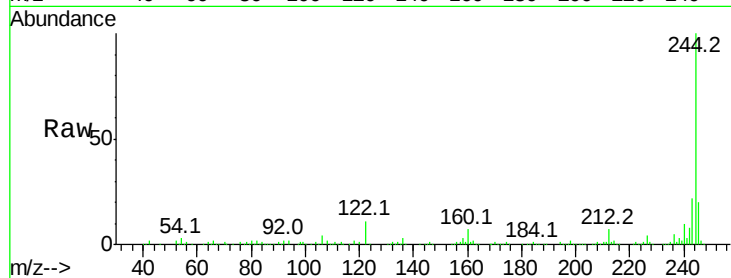




#78
 Terphenyl-d14
 Concen: 97.533 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101229.D
 Acq: 8 Dec 2017 2:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 376990
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101229.D
 Acq: 8 Dec 2017 2:59

Tgt Ion:264 Resp: 65152
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 20.2 17.5 26.3

