

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101132.D
 Acq On : 5 Dec 2017 18:48
 Operator : SJ/JU
 Sample : I6709-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 00:22:45 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

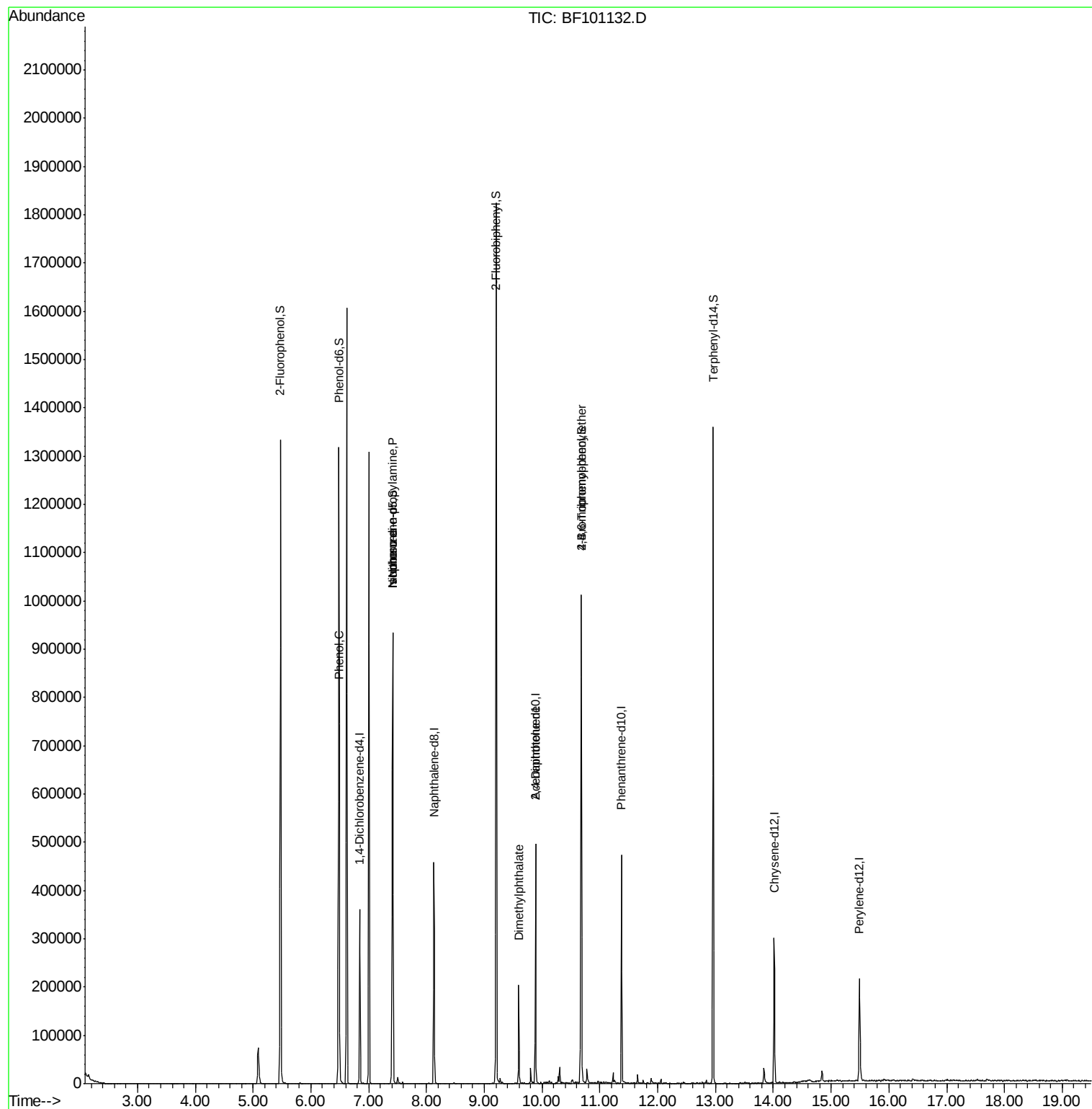
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51839	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	201194	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	92387	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	165500	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106046	20.00	ng	0.00
86) Perylene-d12	15.49	264	111891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	407294	129.83	ng	0.01
7) Phenol-d6	6.49	99	485267	127.41	ng	0.00
23) Nitrobenzene-d5	7.42	82	300531	89.11	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	128699	115.96	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	638055	94.49	ng	0.00
78) Terphenyl-d14	12.96	244	498379	102.79	ng	0.00
Target Compounds						
10) Phenol	6.50	94	14636	3.456	ng	97
19) n-Nitroso-di-n-propylamine	7.42	70	39474	15.389	ng	# 80
25) Isophorone	7.42	82	300525	52.165	ng	# 64
49) Dimethylphthalate	9.60	163	80521	10.807	ng	99
56) 2,4-Dinitrotoluene	9.89	165	11647	5.538	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	8135	4.391	ng	# 1

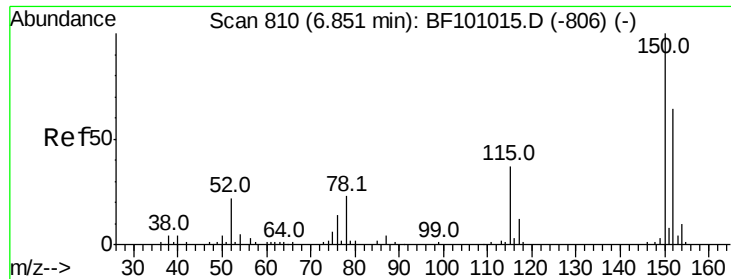
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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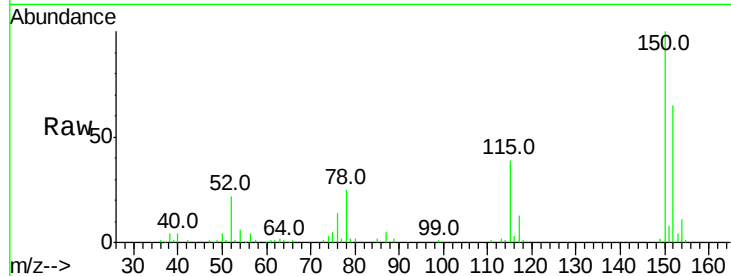


#1

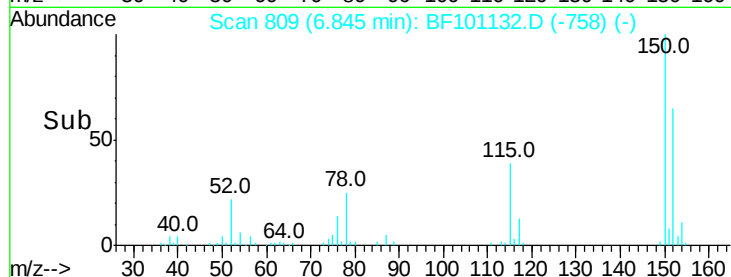
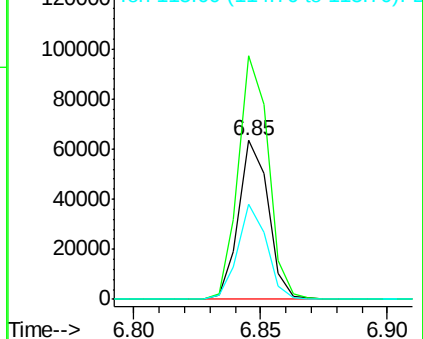
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101132.D
Acq: 5 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 51839
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 59.9 50.1 75.1



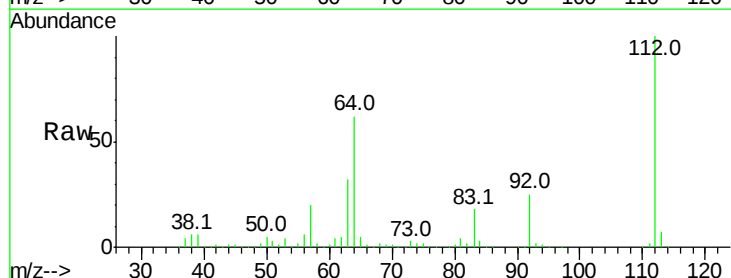
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



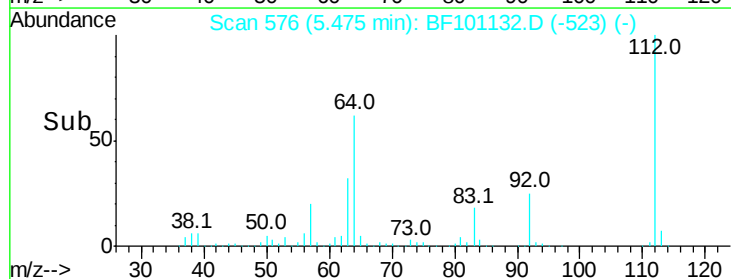
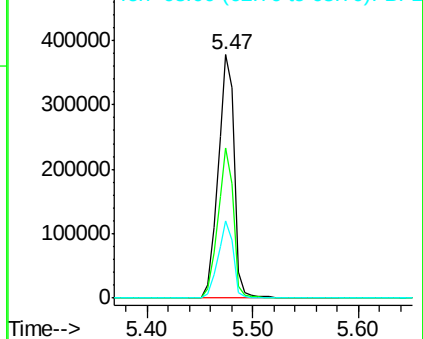
#5

2-Fluorophenol
Concen: 129.831 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101132.D
Acq: 5 Dec 2017 18:48

Tgt Ion:112 Resp: 407294
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 31.6 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: 127.408 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101132.D

Acq: 5 Dec 2017 18:48

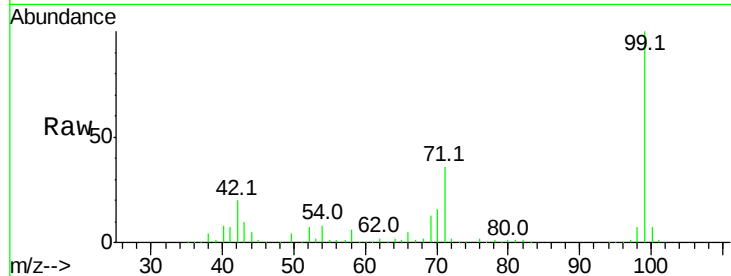
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 485267

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	35.9	25.4	38.0

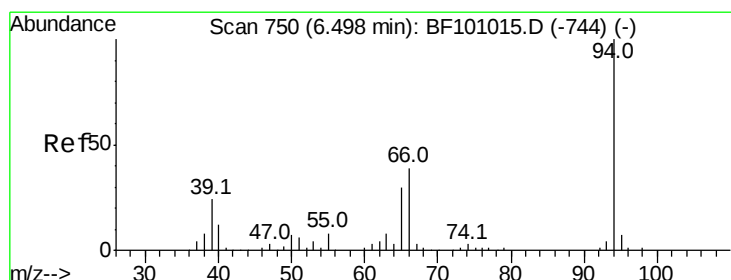
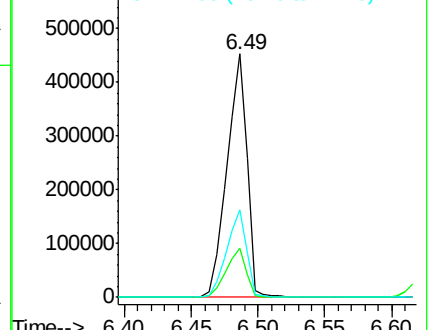
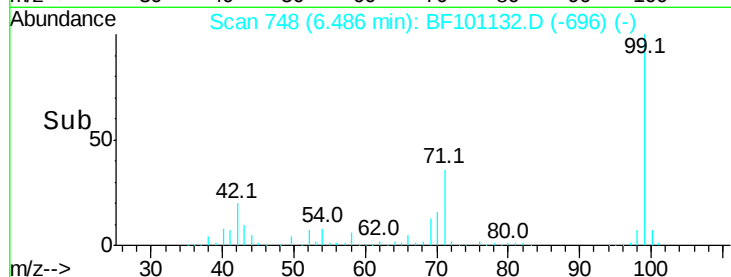


Abundance

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



#10

Phenol

Concen: 3.456 ng

RT: 6.50 min Scan# 750

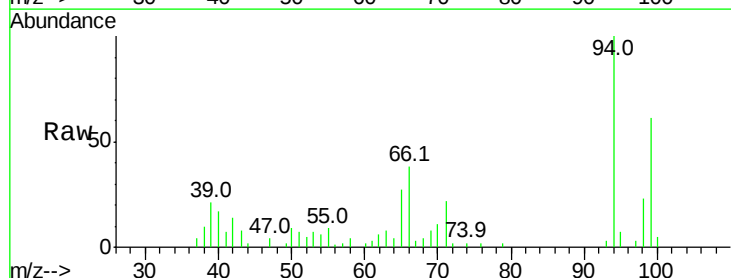
Delta R.T. 0.01 min

Lab File: BF101132.D

Acq: 5 Dec 2017 18:48

Tgt Ion: 94 Resp: 14636

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.9	47.9
66	38.1	16.2	56.2

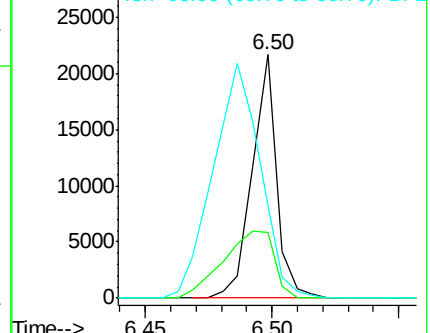
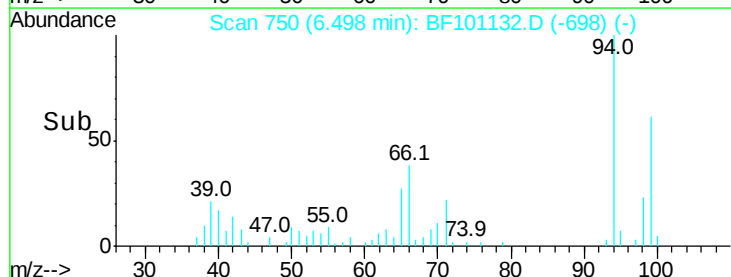


Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

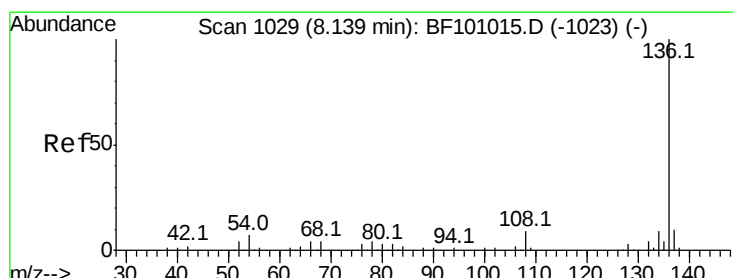
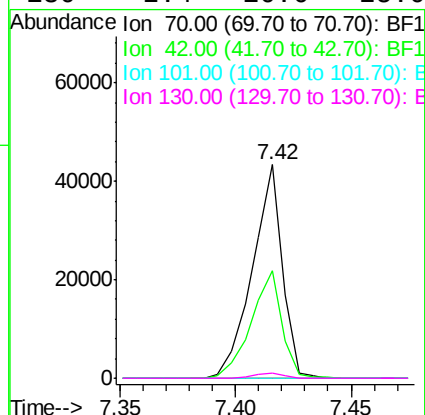
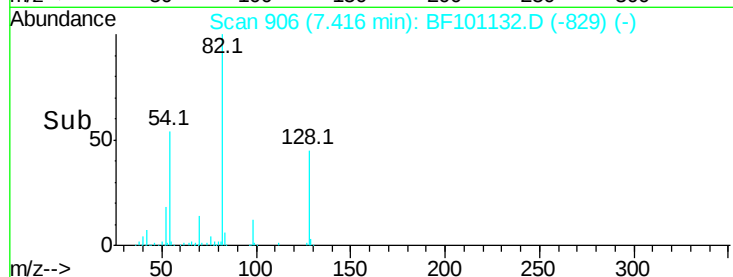
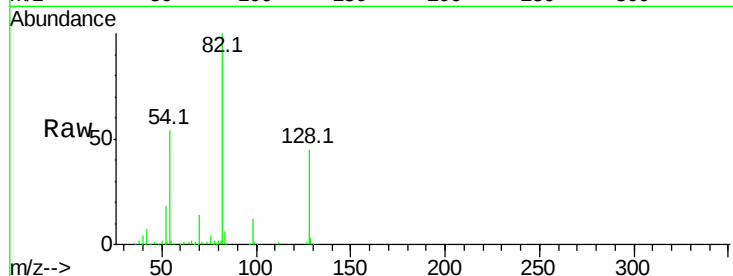




#19
n-Nitroso-di-n-propylamine
Concen: 15.389 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101132.D
Acq: 5 Dec 2017 18:48

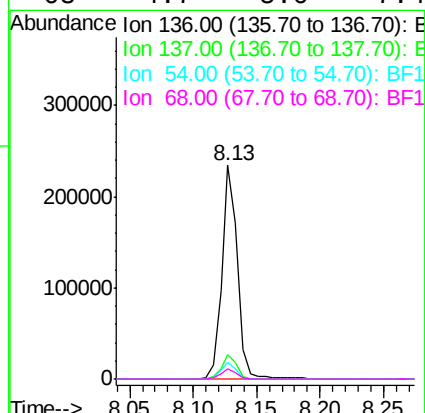
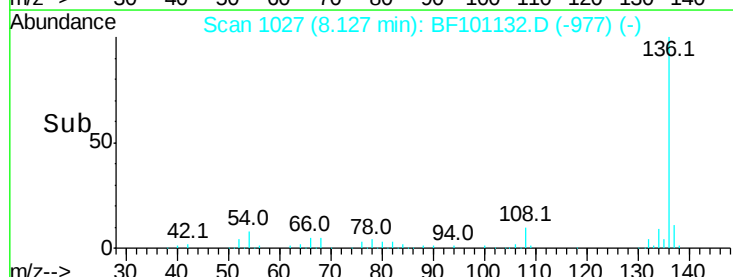
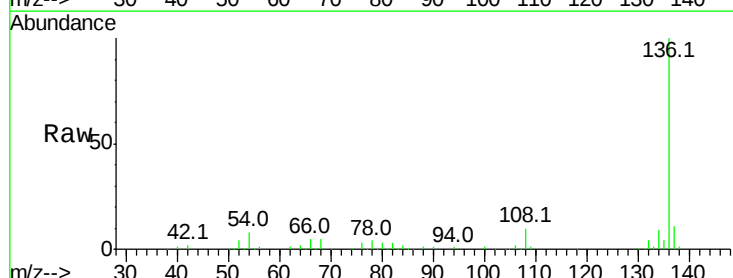
Instrument :
BNA_F
ClientSampleId :

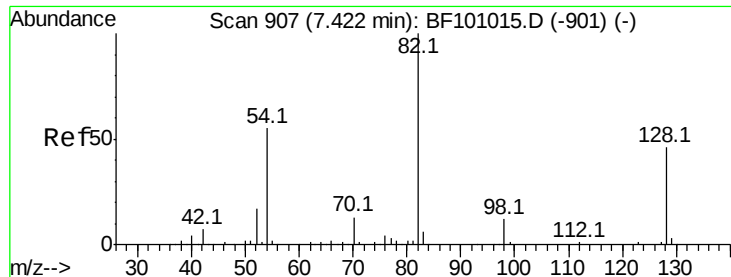
Tot Ion: 70 Resp: 39474
Ion Ratio Lower Upper
70 100
42 50.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101132.D
Acq: 5 Dec 2017 18:48

Tgt Ion:136 Resp: 201194
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.7 6.6 9.8
68 4.7 5.0 7.4#

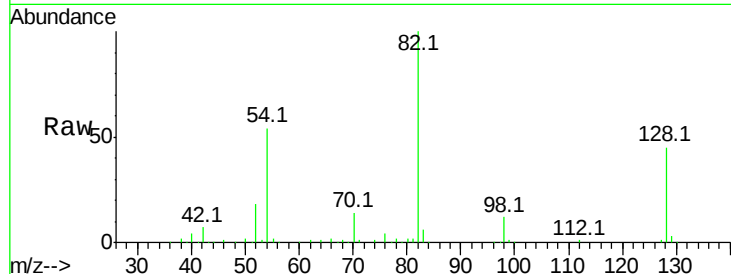




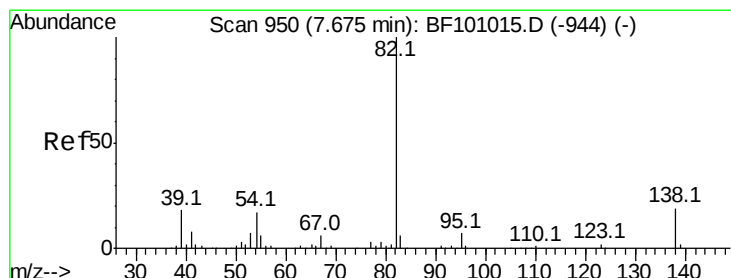
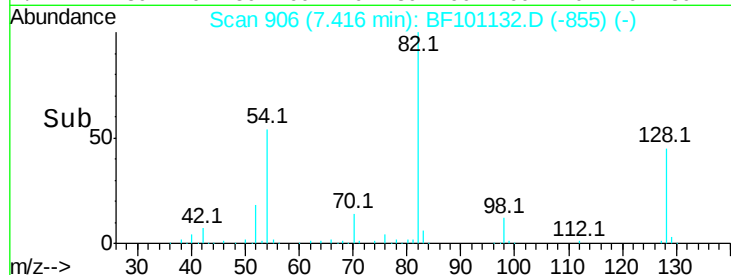
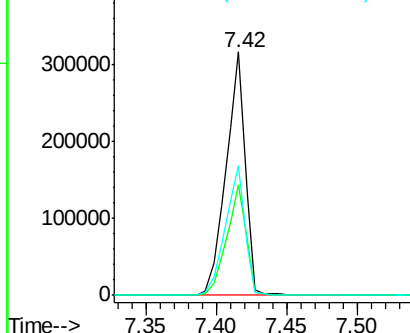
#23
Nitrobenzene-d5
Concen: 89.106 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101132.D
Acq: 5 Dec 2017 18:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	300531
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	53.5	41.4	62.2

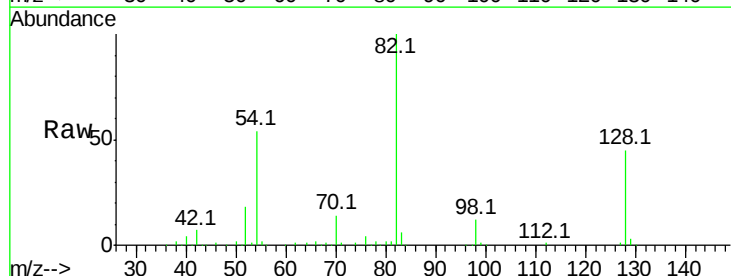


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

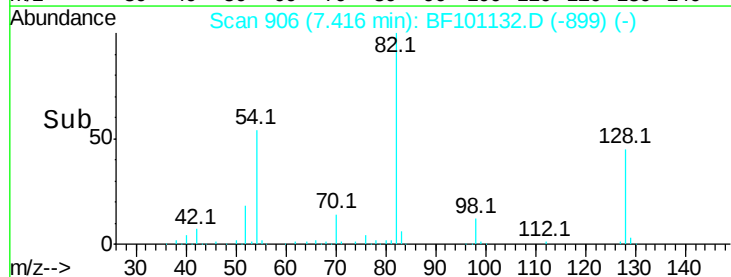
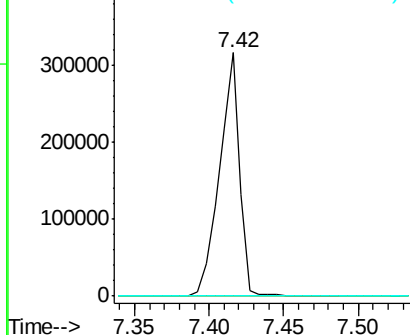


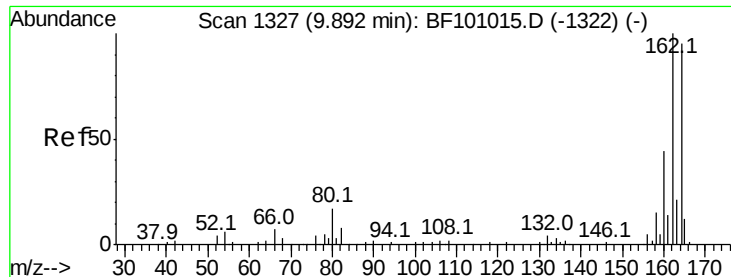
#25
Isophorone
Concen: 52.165 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101132.D
Acq: 5 Dec 2017 18:48

Tgt Ion	82	Resp	300525
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		



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

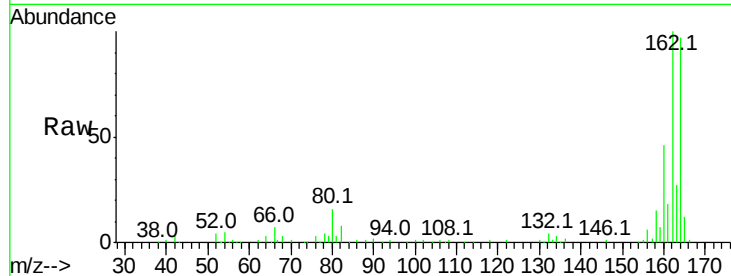




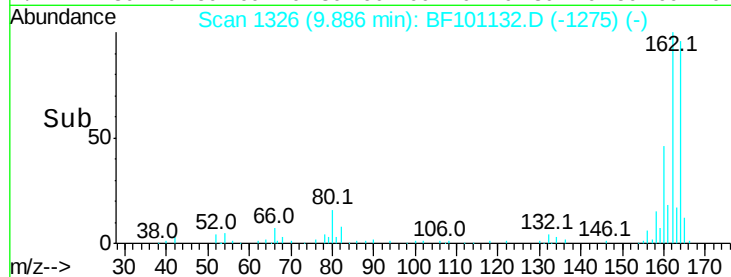
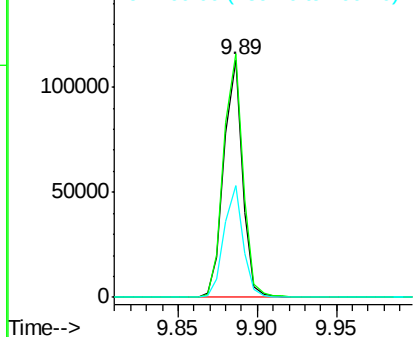
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101132.D
Acq: 5 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 92387
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 47.1 38.3 57.5

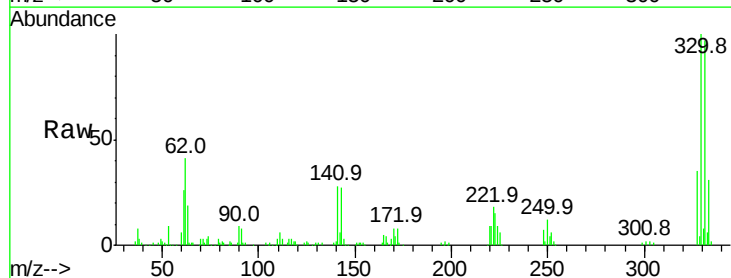


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

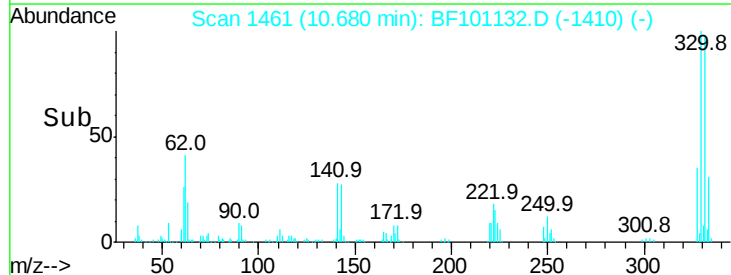
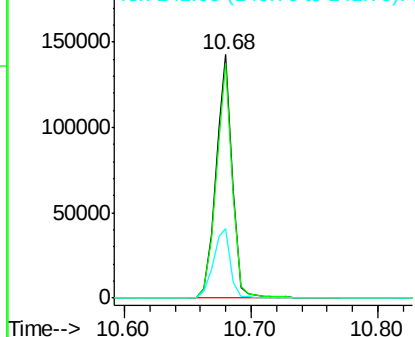


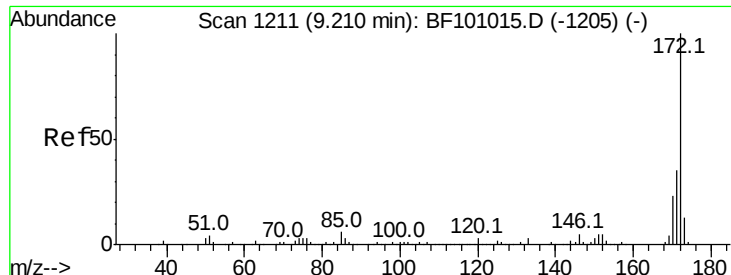
#41
2,4,6-Tribromophenol
Concen: 115.963 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101132.D
Acq: 5 Dec 2017 18:48

Tgt Ion:330 Resp: 128699
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 29.9 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

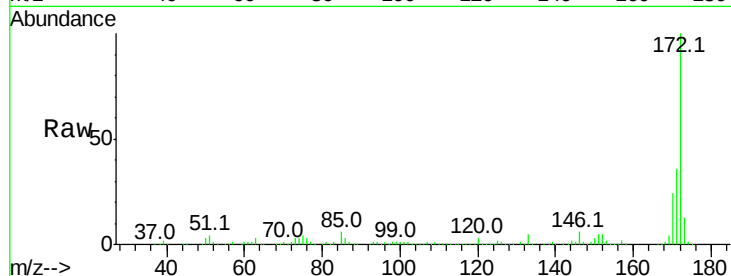




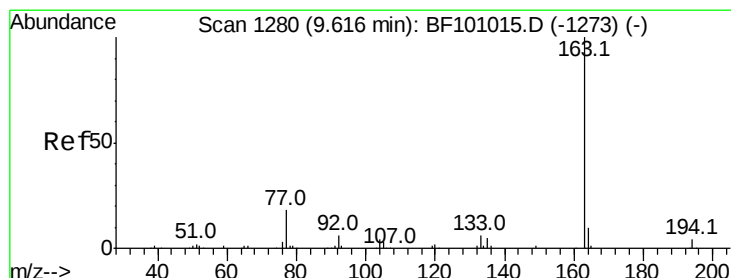
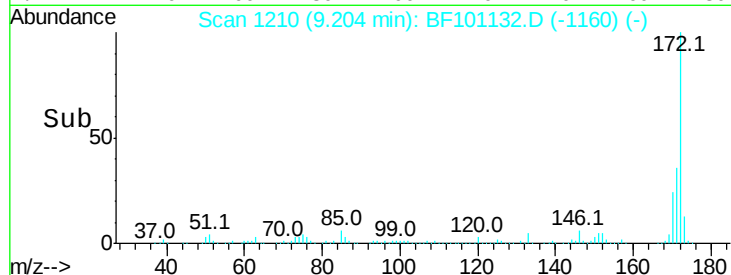
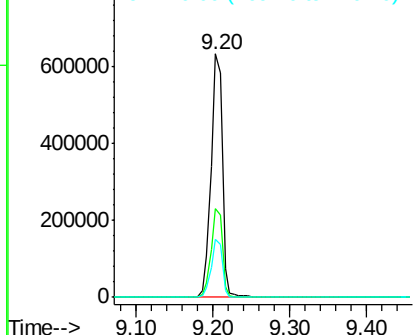
#44
2-Fluorobiphenyl
Concen: 94.492 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101132.D
Acq: 5 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 638055
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.9 19.6 29.4

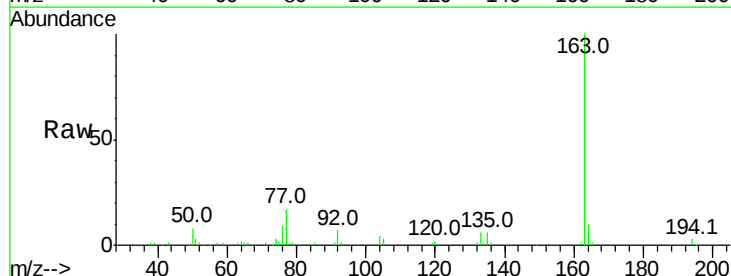


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

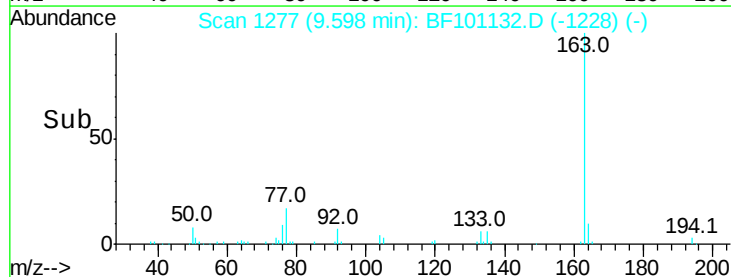
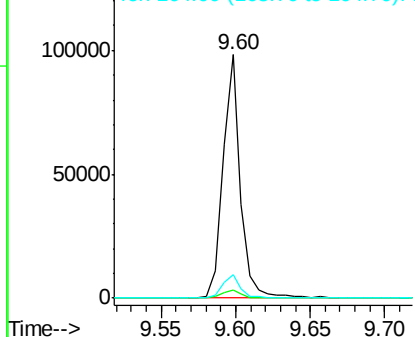


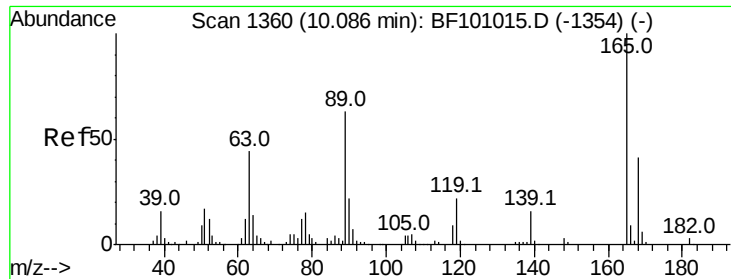
#49
Dimethylphthalate
Concen: 10.807 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101132.D
Acq: 5 Dec 2017 18:48

Tgt Ion:163 Resp: 80521
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

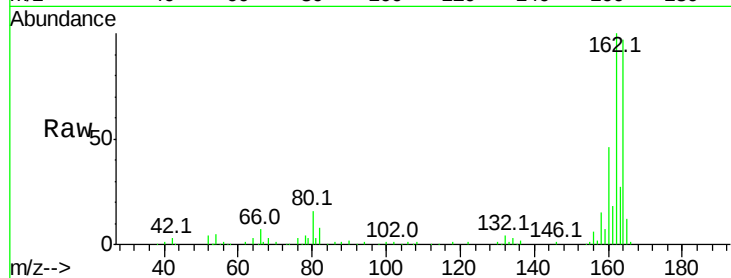




#56
 2,4-Dinitrotoluene
 Concen: 5.538 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101132.D
 Acq: 5 Dec 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

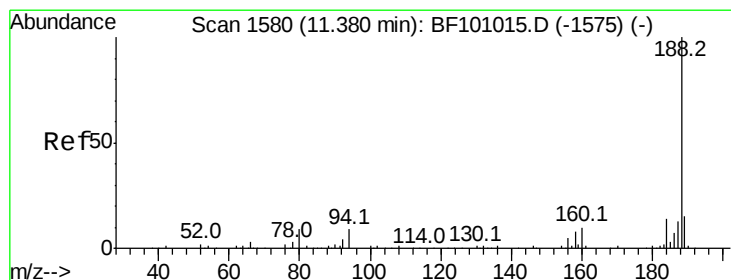
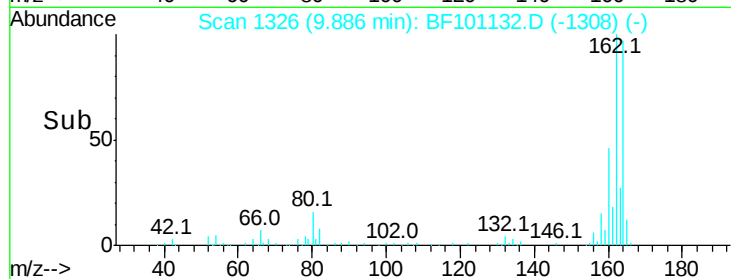
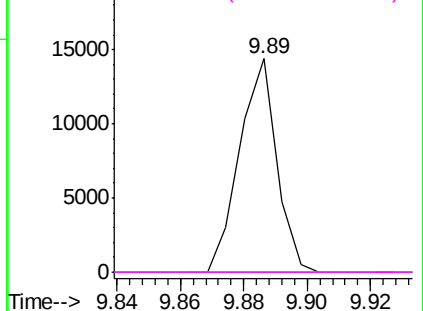


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

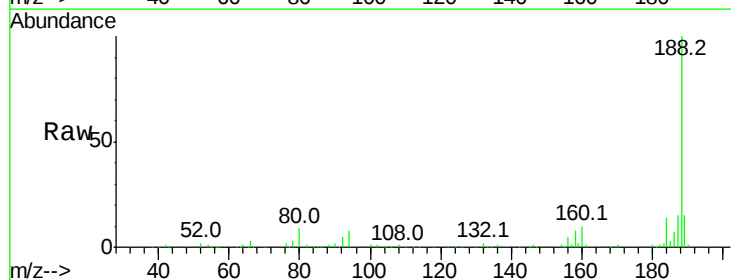
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101132.D
 Acq: 5 Dec 2017 18:48

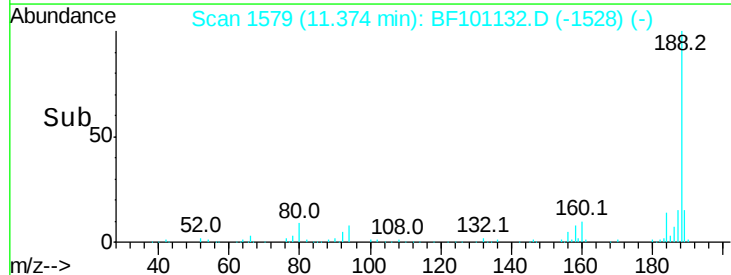
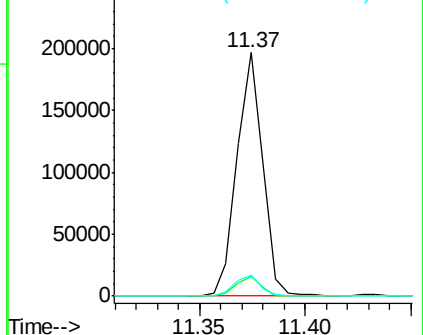
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.5	9.2	13.8#

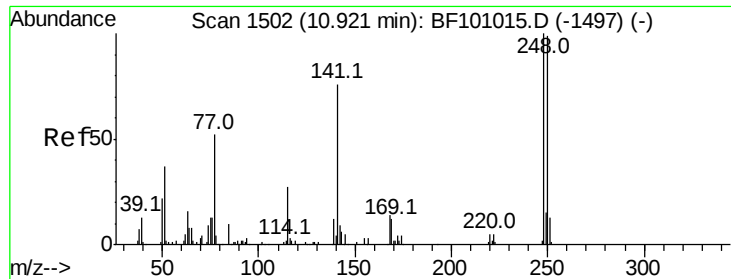


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

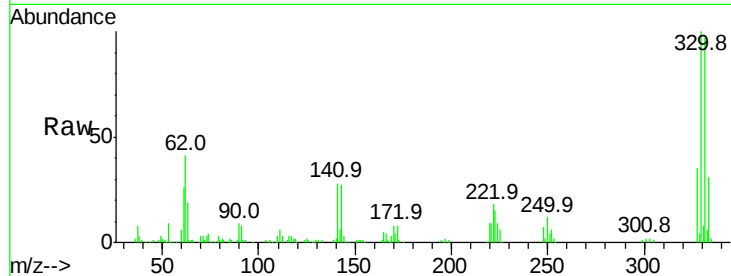




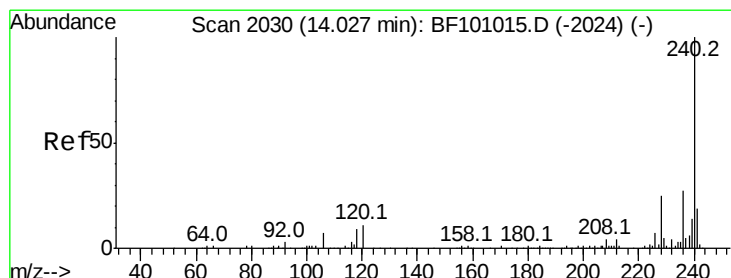
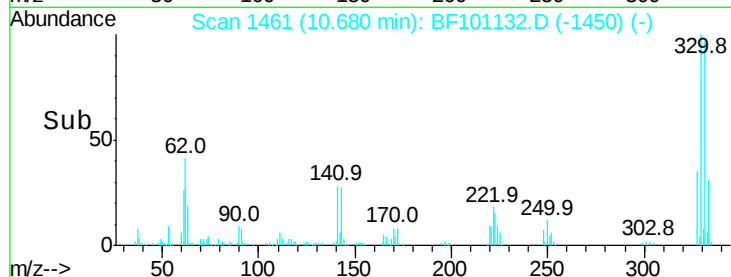
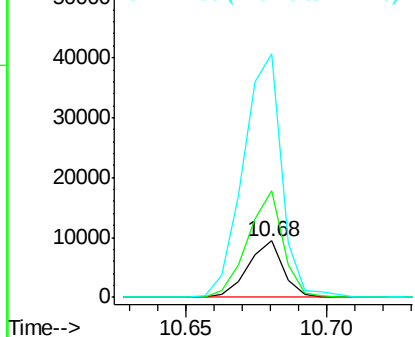
#66
4-Bromophenyl-phenylether
Concen: 4.391 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF101132.D
Acq: 5 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8135
Ion Ratio Lower Upper
248 100
250 188.7 76.9 115.3#
141 432.8 74.4 111.6#

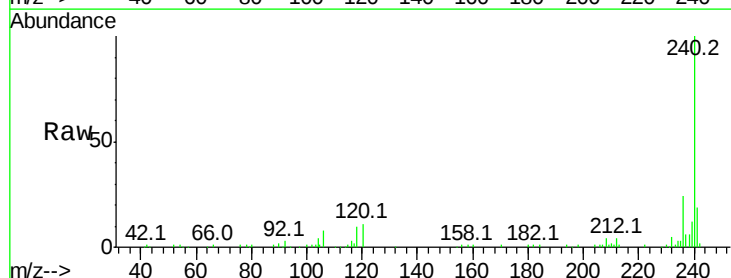


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

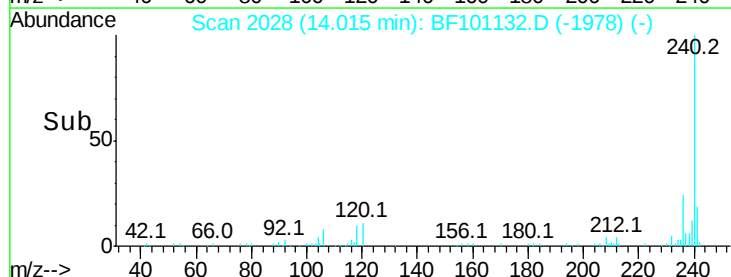
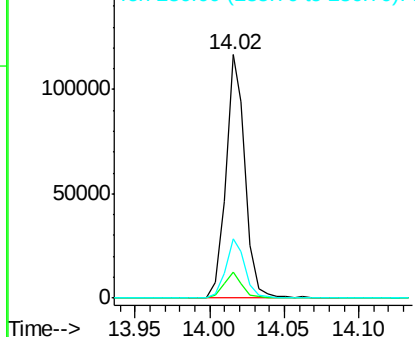


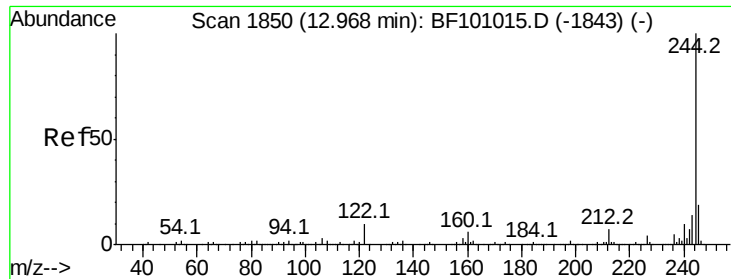
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101132.D
Acq: 5 Dec 2017 18:48

Tgt Ion:240 Resp: 106046
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 24.2 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

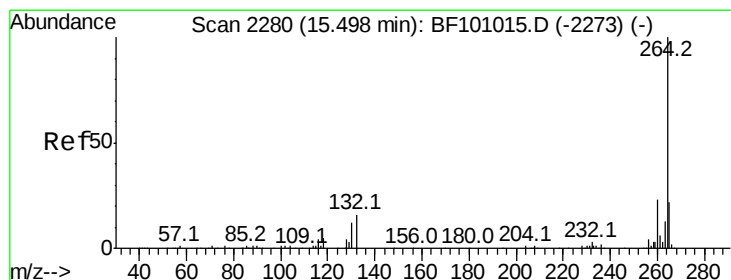
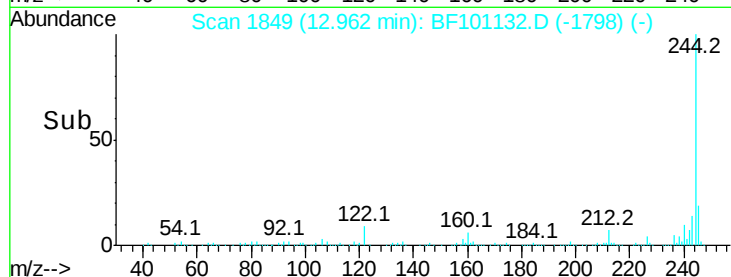
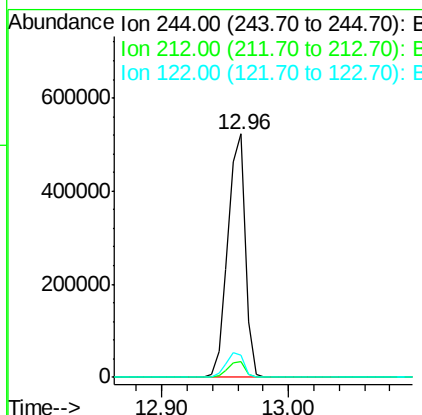
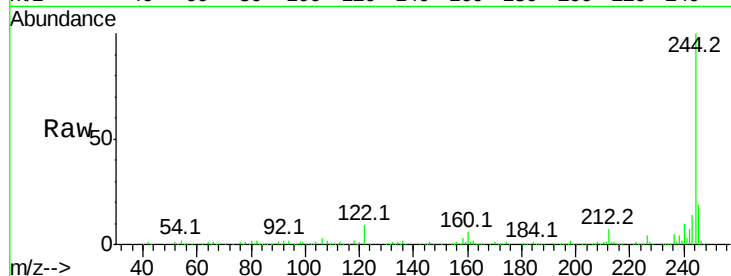




#78
 Terphenyl-d14
 Concen: 102.794 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101132.D
 Acq: 5 Dec 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 498379
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.3 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101132.D
 Acq: 5 Dec 2017 18:48

Tgt Ion:264 Resp: 111891
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.7 17.5 26.3

