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 Data File : BF101142.D
 Acq On : 6 Dec 2017 00:12
 Operator : SJ/JU
 Sample : I6702-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 03:19:29 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

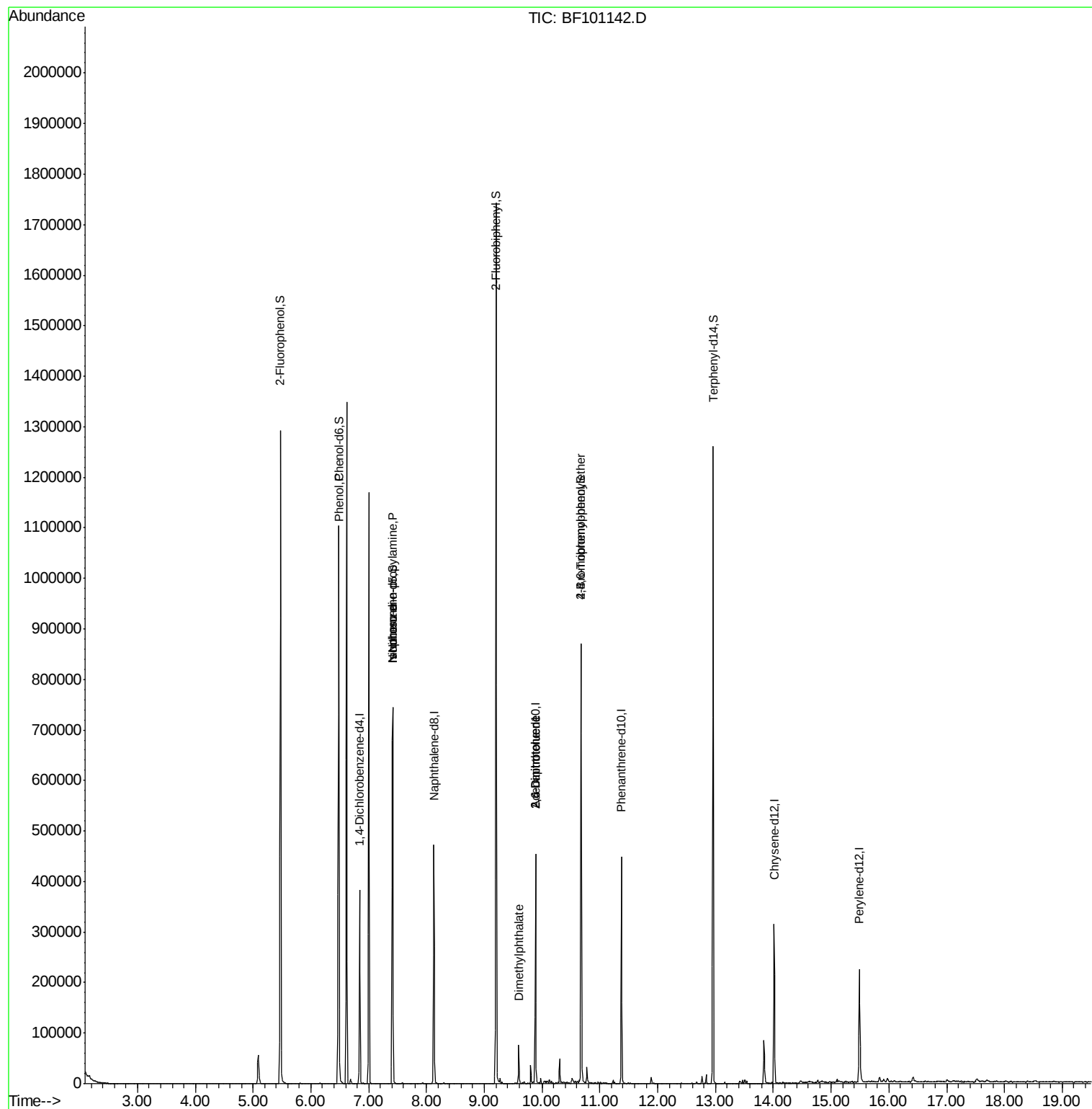
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53250	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	211868	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	97123	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	175543	20.00	ng	0.00
75) Chrysene-d12	14.02	240	110733	20.00	ng	0.00
86) Perylene-d12	15.49	264	114727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	358054	111.11	ng	0.01
7) Phenol-d6	6.48	99	431508	110.29	ng	0.00
23) Nitrobenzene-d5	7.42	82	261790	73.71	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	114484	98.12	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	549986	77.48	ng	0.00
78) Terphenyl-d14	12.96	244	462221	91.30	ng	0.00
Target Compounds						
10) Phenol	6.49	94	11310	2.600	ng	87
19) n-Nitroso-di-n-propylamine	7.42	70	34996	13.282	ng	# 81
25) Isophorone	7.42	82	261785	43.151	ng	# 64
49) Dimethylphthalate	9.60	163	36066	4.605	ng	100
50) 2,6-Dinitrotoluene	9.88	165	12075	7.319	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	12075	5.461	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	7504	3.819	ng	# 1

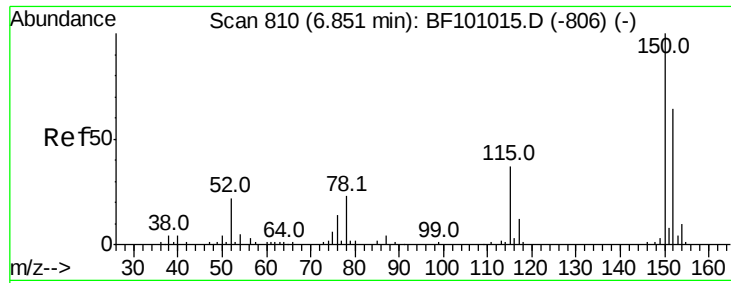
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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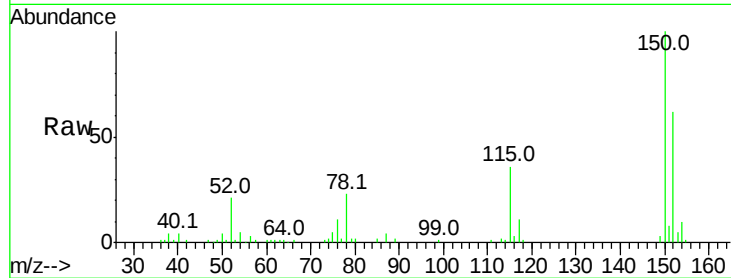


#1

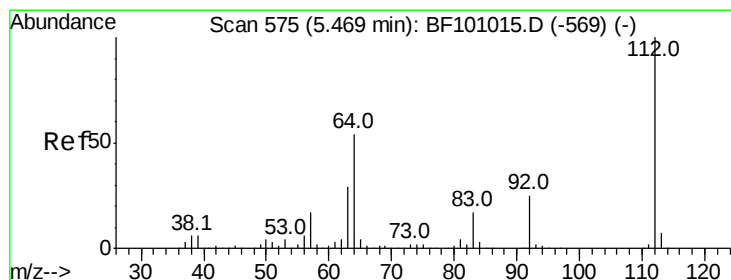
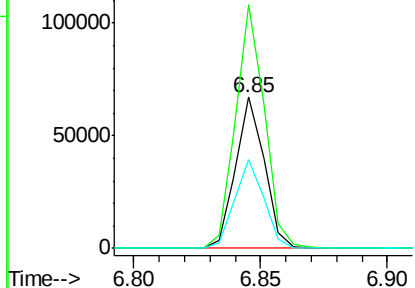
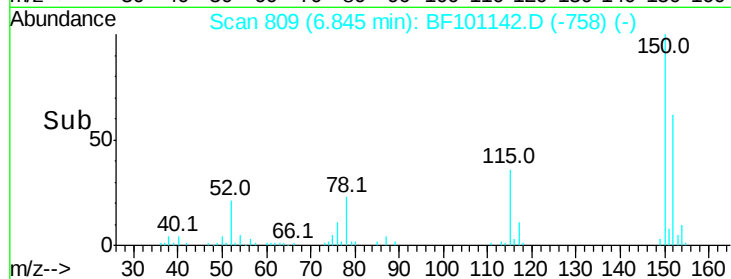
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101142.D
Acq: 6 Dec 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.6	186.8
115	58.4	50.1	75.1



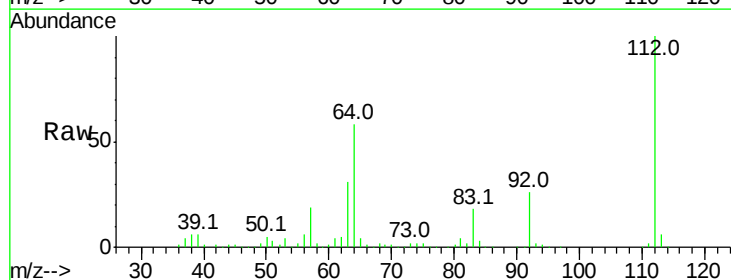
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



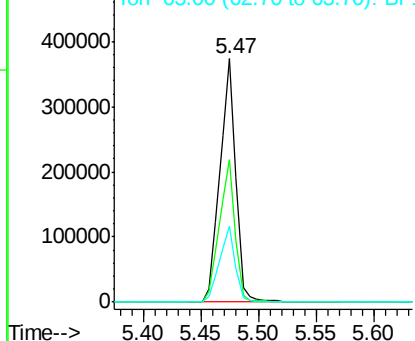
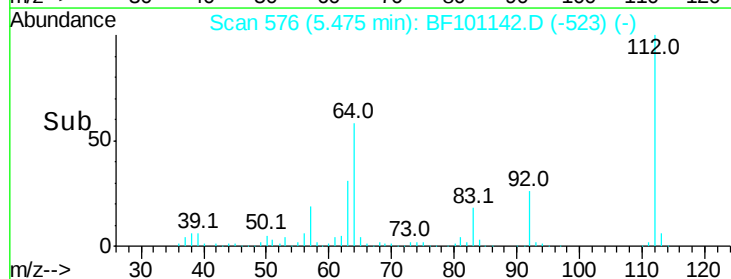
#5

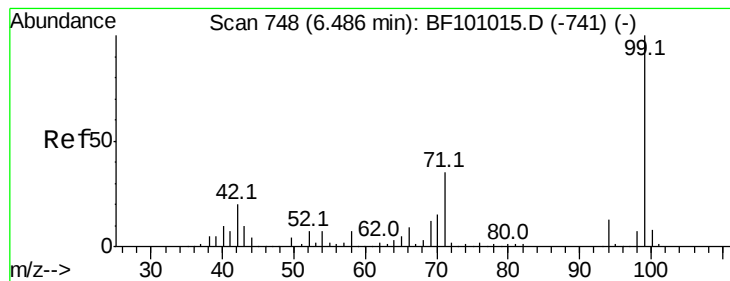
2-Fluorophenol
Concen: 111.111 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101142.D
Acq: 6 Dec 2017 00:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	31.1	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: 110.292 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101142.D

Acq: 6 Dec 2017 00:12

Instrument :

BNA_F

ClientSampled :

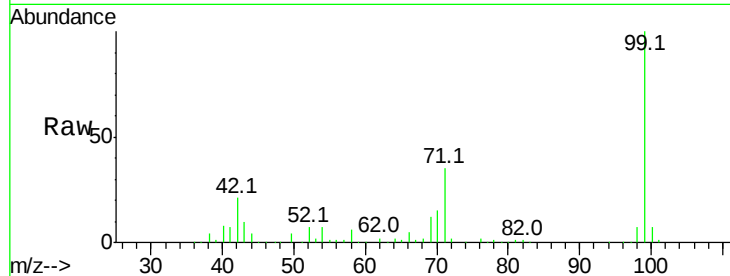
Tot Ion: 99 Resp: 431508

Ion Ratio Lower Upper

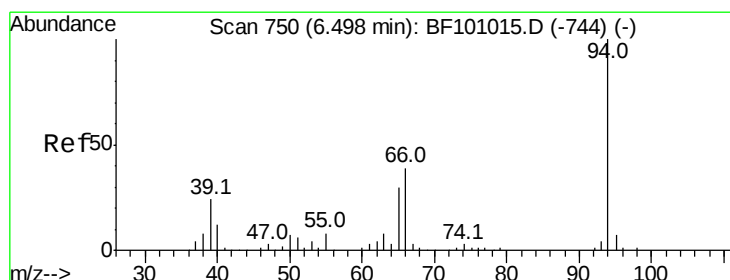
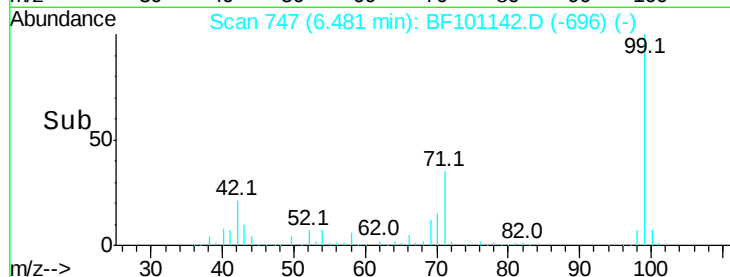
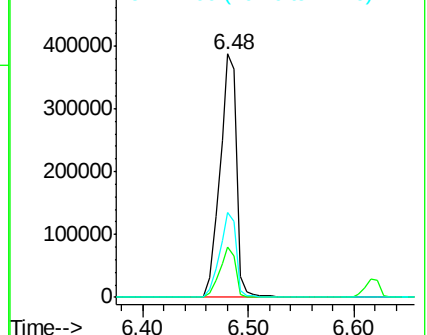
99 100

42 20.7 14.5 21.7

71 35.1 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: 2.600 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101142.D

Acq: 6 Dec 2017 00:12

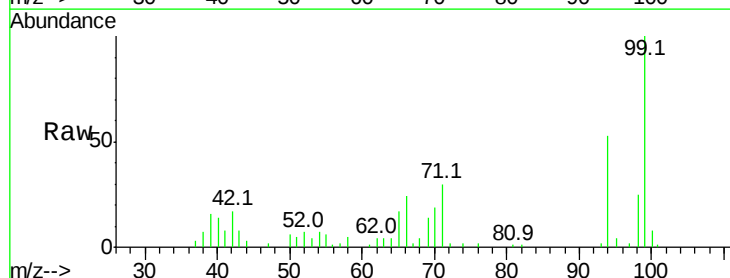
Tgt Ion: 94 Resp: 11310

Ion Ratio Lower Upper

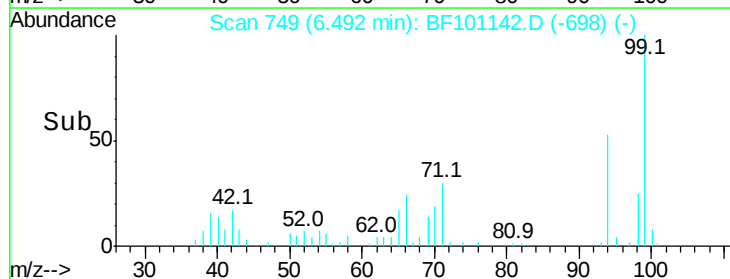
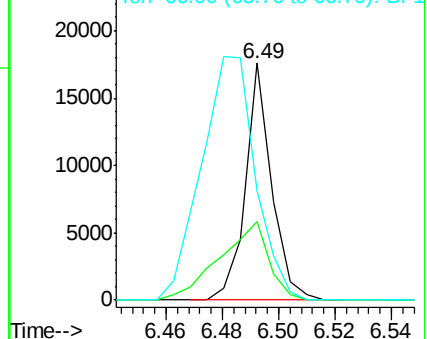
94 100

65 32.9 7.9 47.9

66 45.9 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

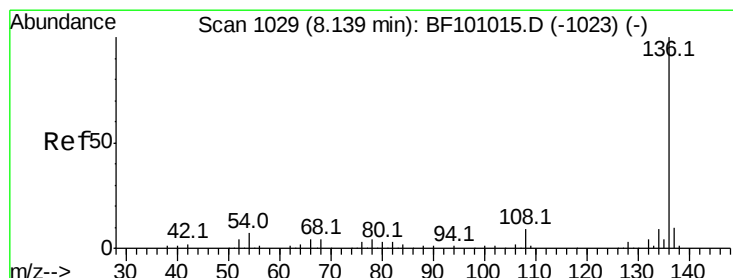
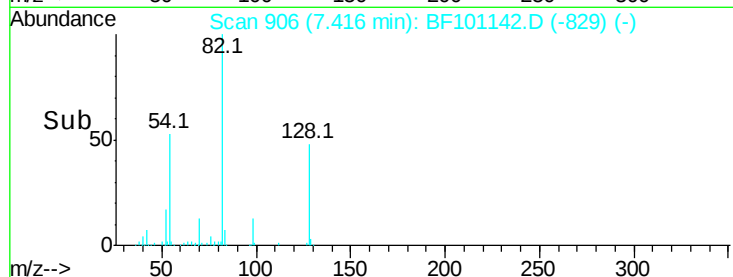
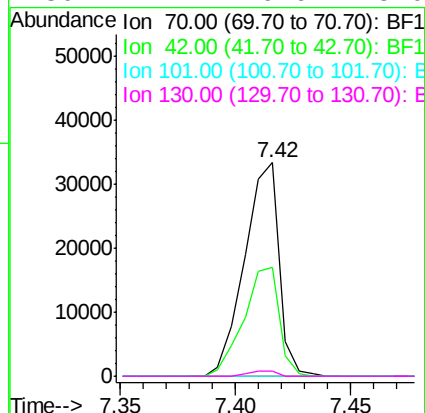
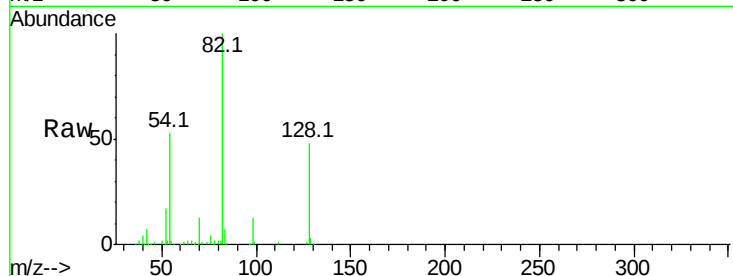




#19
n-Nitroso-di-n-propylamine
Concen: 13.282 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101142.D
Acq: 6 Dec 2017 00:12

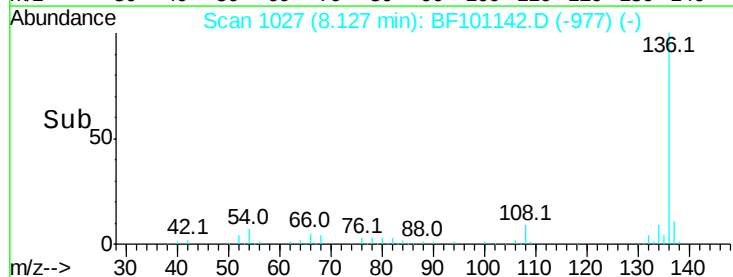
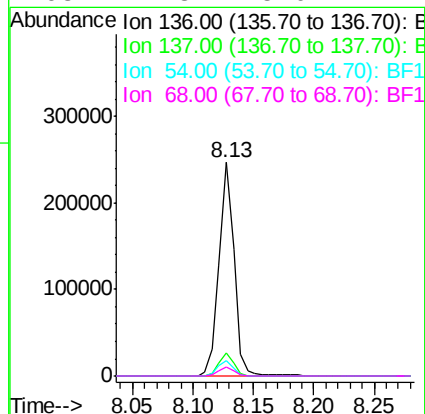
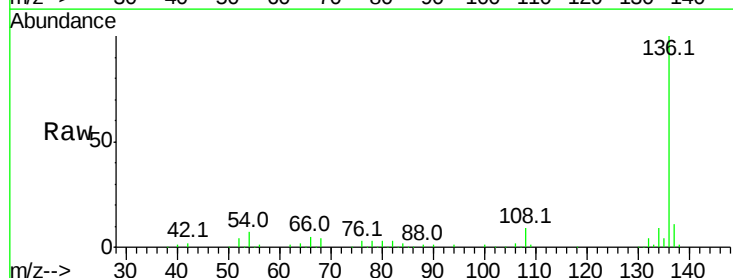
Instrument :
BNA_F
ClientSampled :

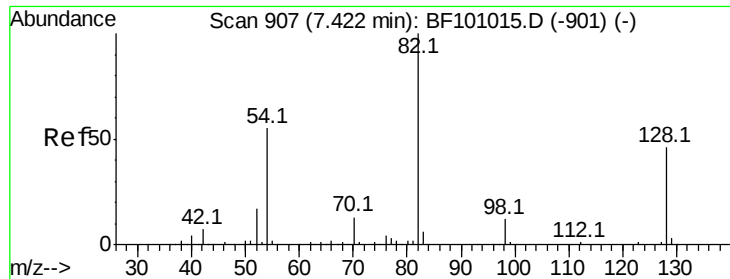
Tot Ion: 70 Resp: 34996
Ion Ratio Lower Upper
70 100
42 50.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101142.D
Acq: 6 Dec 2017 00:12

Tgt Ion:136 Resp: 211868
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 6.6 9.8
68 4.3 5.0 7.4#

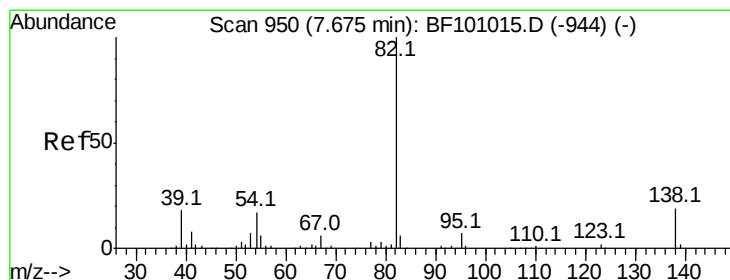
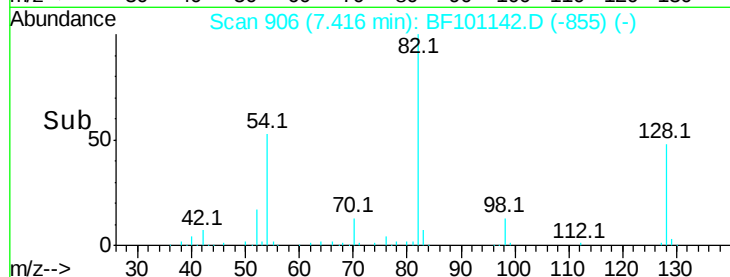
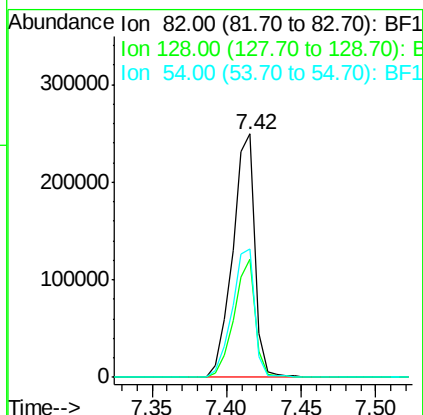
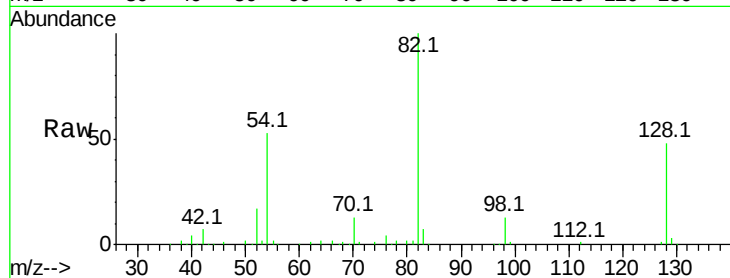




#23
Nitrobenzene-d5
Concen: 73.709 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101142.D
Acq: 6 Dec 2017 00:12

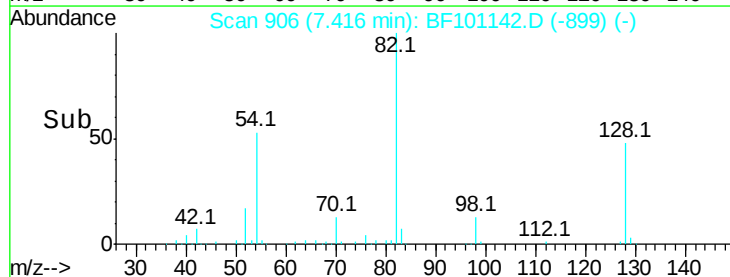
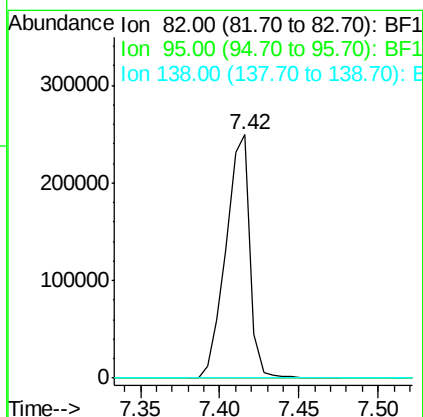
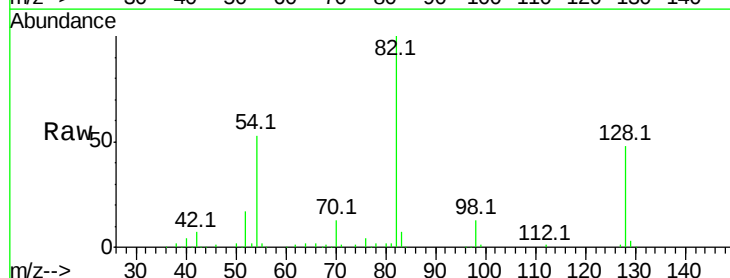
Instrument :
BNA_F
ClientSampleId :

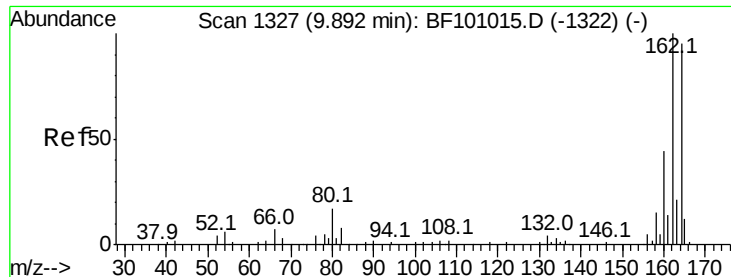
Tot Ion	82	Resp	261790
Ion Ratio	Lower	Upper	
82	100		
128	48.3	36.1	54.1
54	52.7	41.4	62.2



#25
Isophorone
Concen: 43.151 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101142.D
Acq: 6 Dec 2017 00:12

Tgt Ion	82	Resp	261785
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

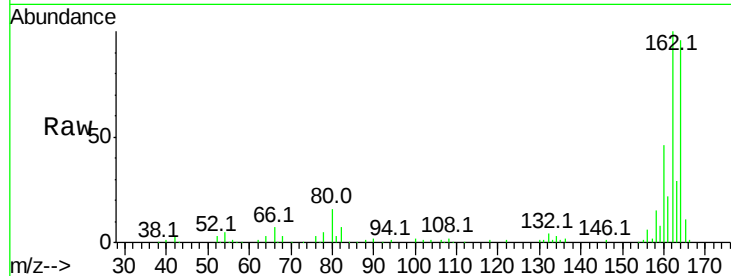




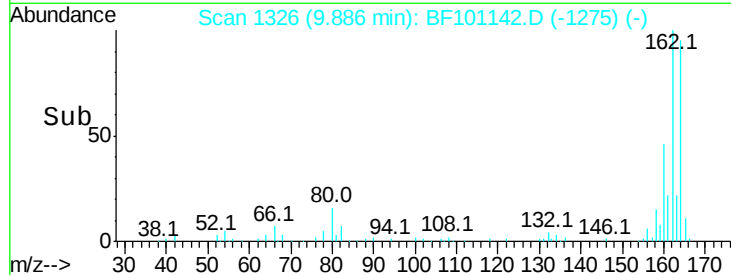
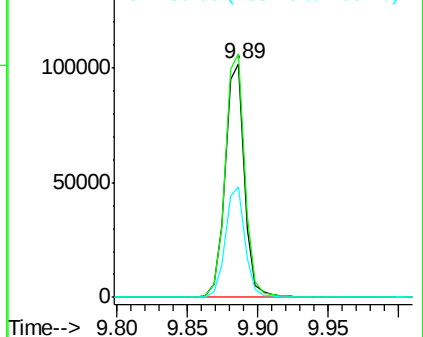
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101142.D
 Acq: 6 Dec 2017 00:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 97123
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 47.5 38.3 57.5

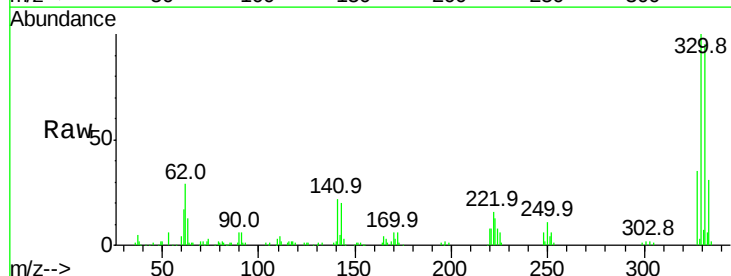


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

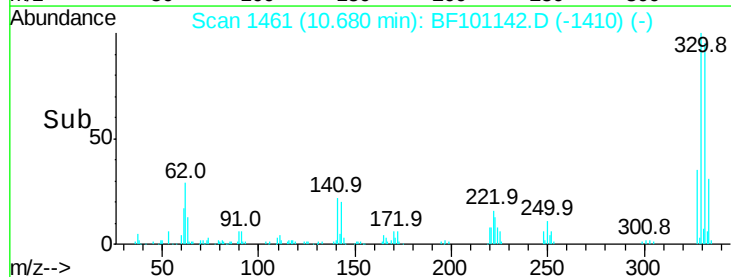
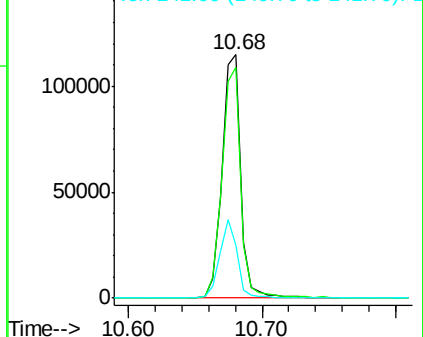


#41
 2,4,6-Tribromophenol
 Concen: 98.124 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101142.D
 Acq: 6 Dec 2017 00:12

Tgt Ion:330 Resp: 114484
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 30.0 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

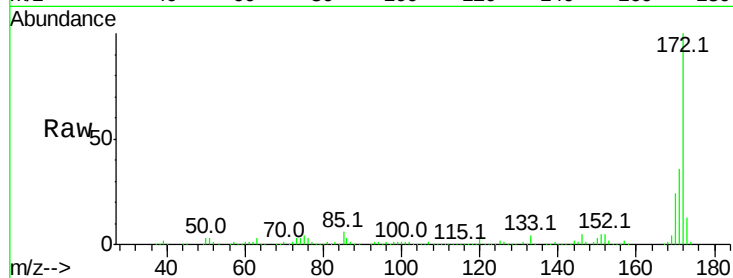




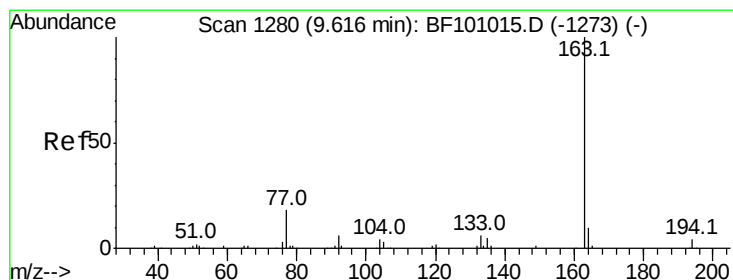
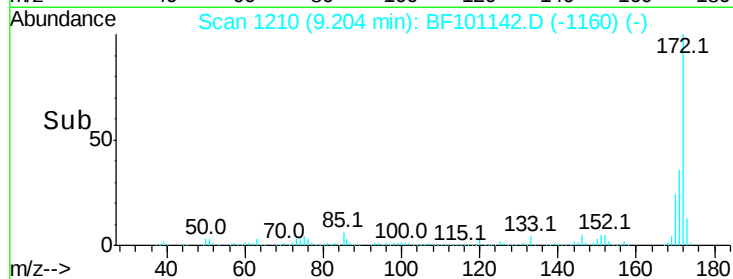
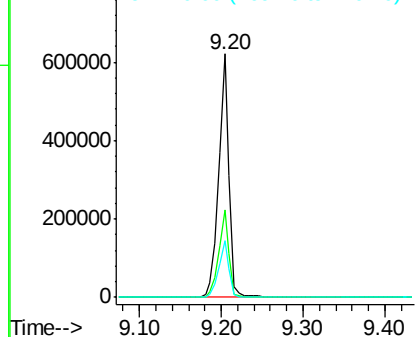
#44
2-Fluorobiphenyl
Concen: 77.478 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101142.D
Acq: 6 Dec 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 549986
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.5 19.6 29.4

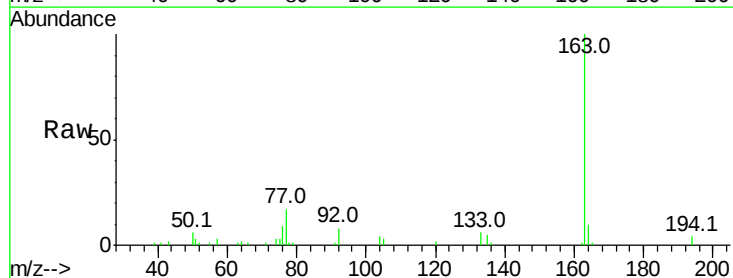


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

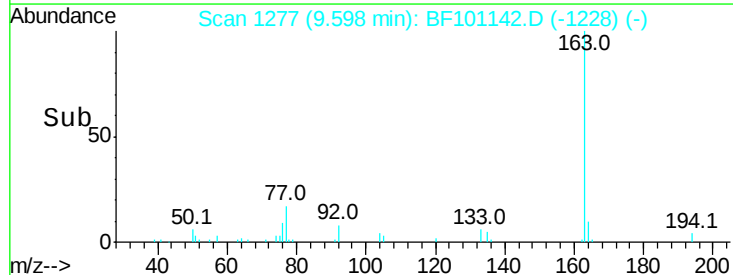
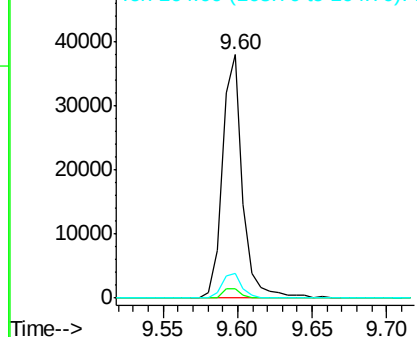


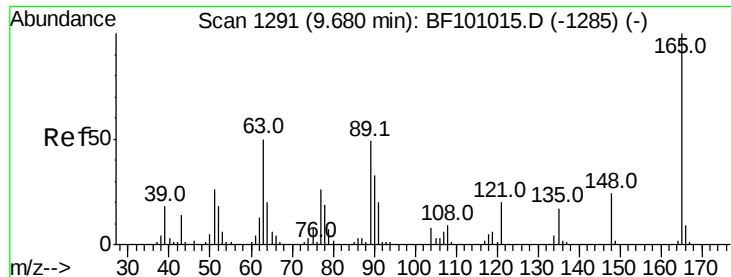
#49
Dimethylphthalate
Concen: 4.605 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101142.D
Acq: 6 Dec 2017 00:12

Tgt Ion:163 Resp: 36066
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 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

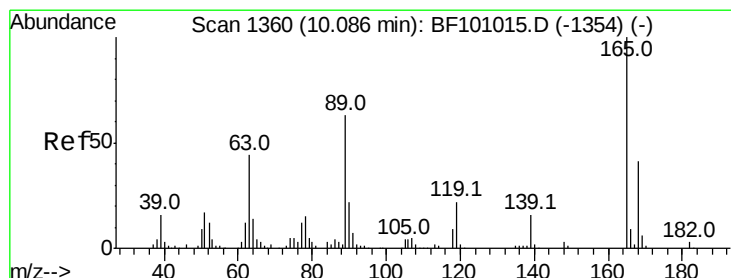
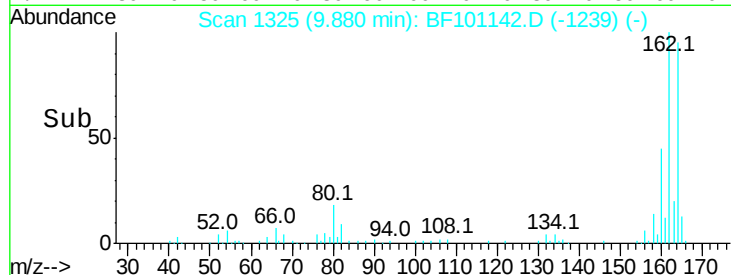
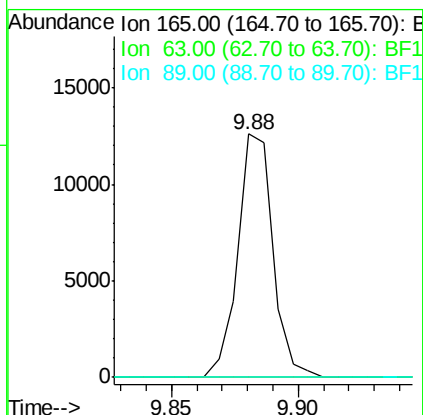
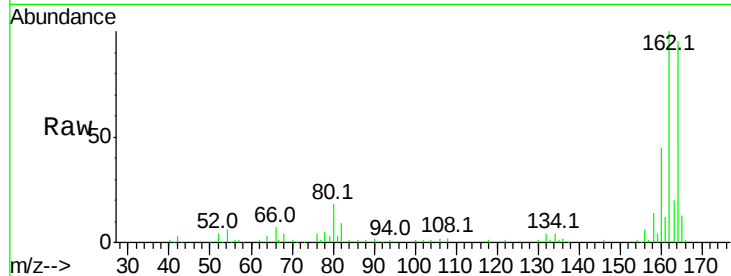




#50
 2,6-Dinitrotoluene
 Concen: 7.319 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101142.D
 Acq: 6 Dec 2017 00:12

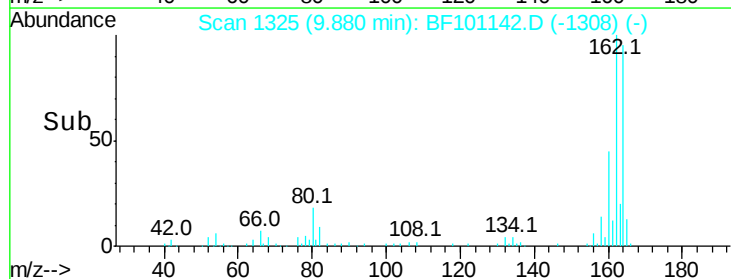
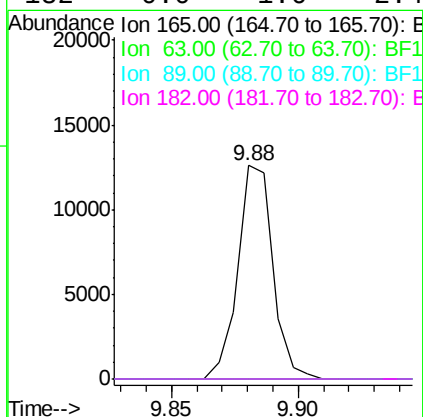
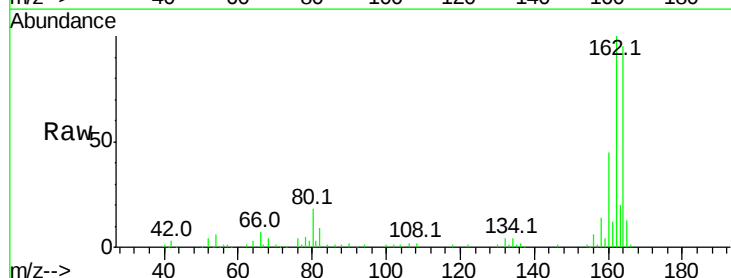
Instrument :
 BNA_F
 ClientSampleId :

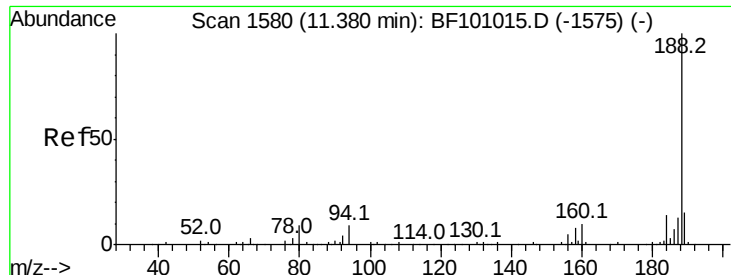
Tot Ion:165 Resp: 12075
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.461 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101142.D
 Acq: 6 Dec 2017 00:12

Tgt Ion:165 Resp: 12075
 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#

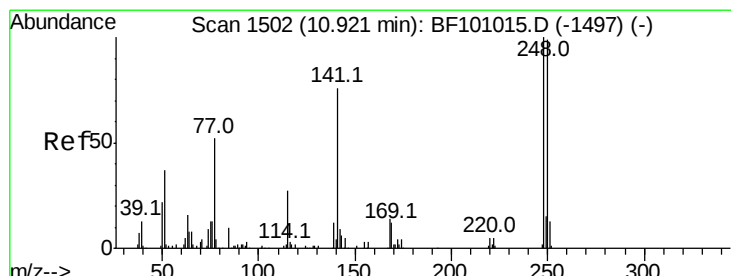
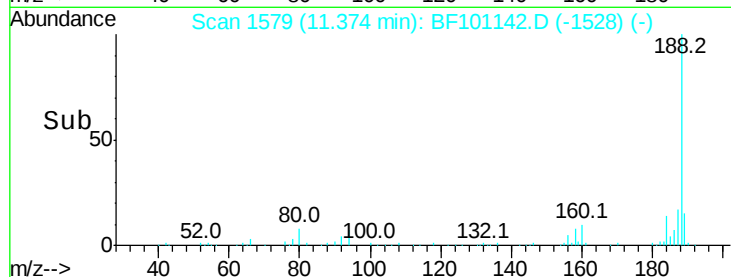
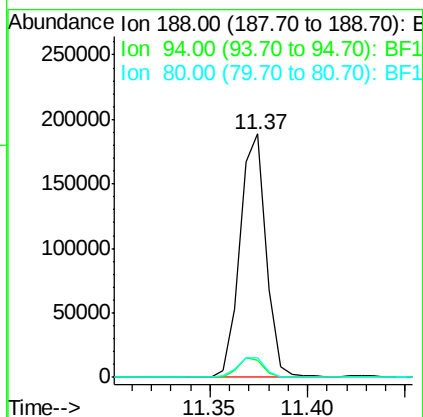
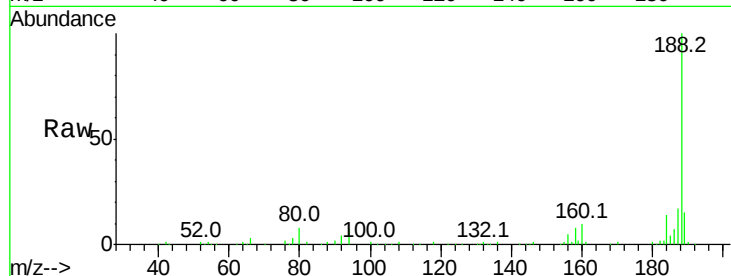




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101142.D
 Acq: 6 Dec 2017 00:12

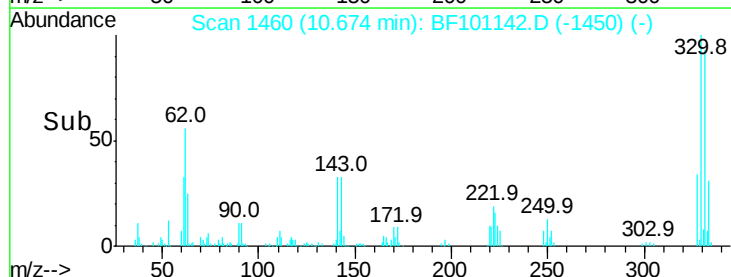
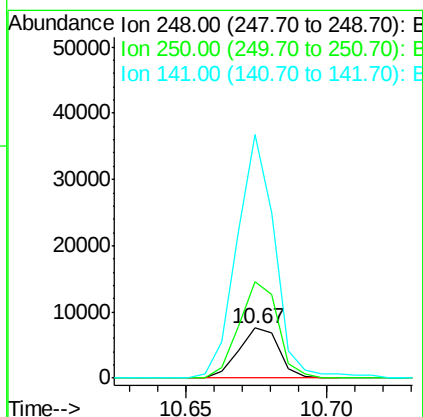
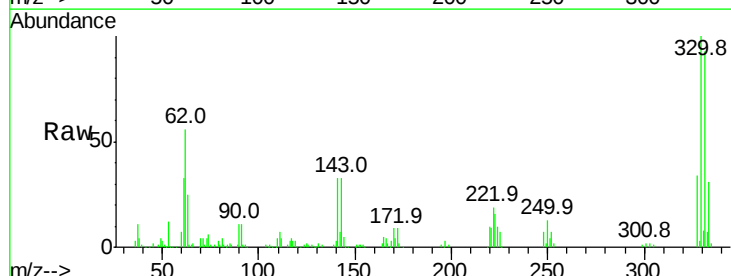
Instrument :
 BNA_F
 ClientSampleId :

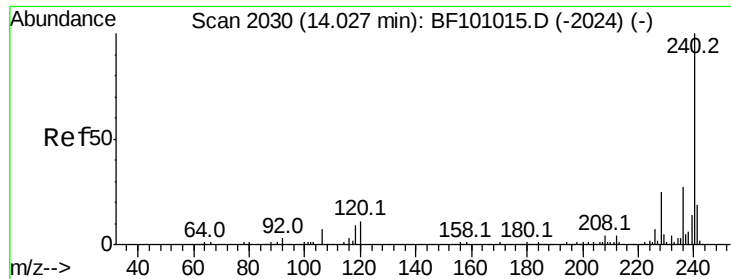
Tot Ion:188 Resp: 175543
 Ion Ratio Lower Upper
 188 100
 94 7.1 8.5 12.7#
 80 8.1 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.819 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101142.D
 Acq: 6 Dec 2017 00:12

Tgt Ion:248 Resp: 7504
 Ion Ratio Lower Upper
 248 100
 250 190.5 76.9 115.3#
 141 484.1 74.4 111.6#

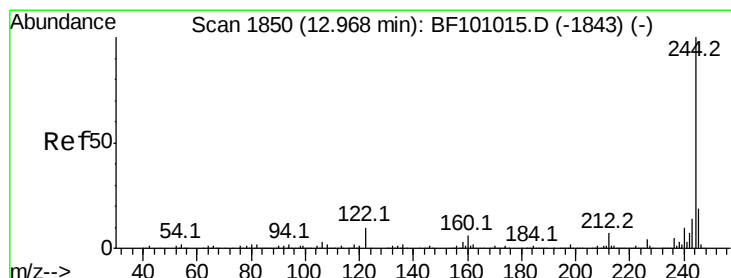
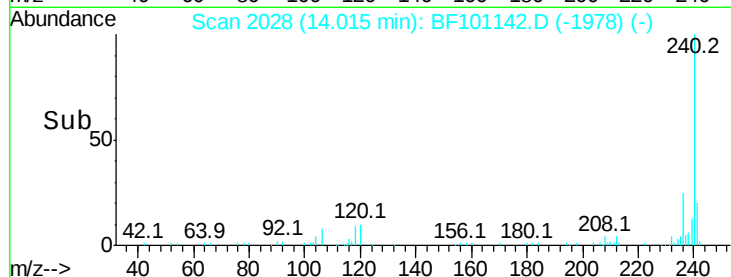
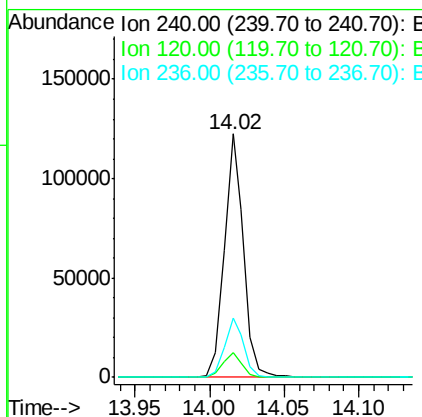
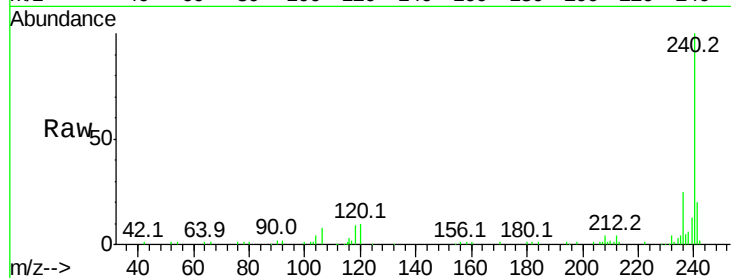




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101142.D
 Acq: 6 Dec 2017 00:12

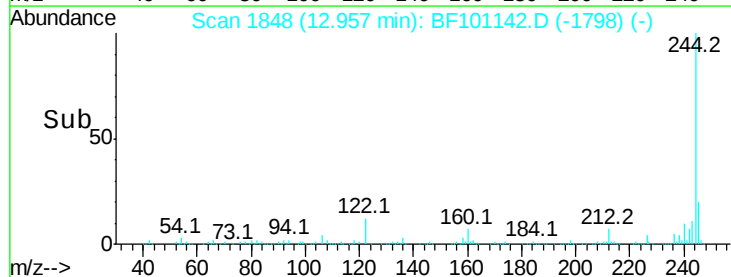
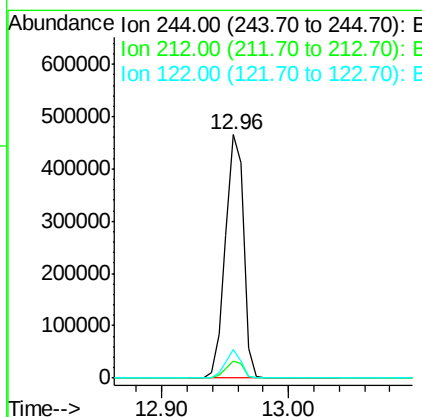
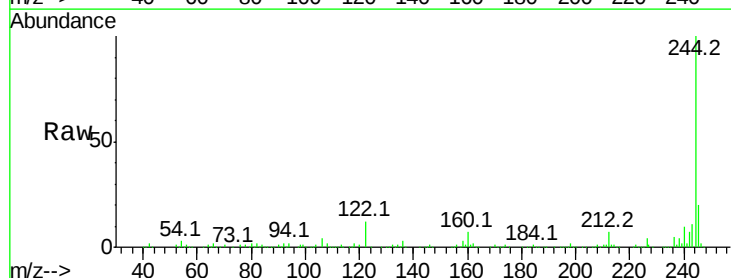
Instrument :
 BNA_F
 ClientSampleId :

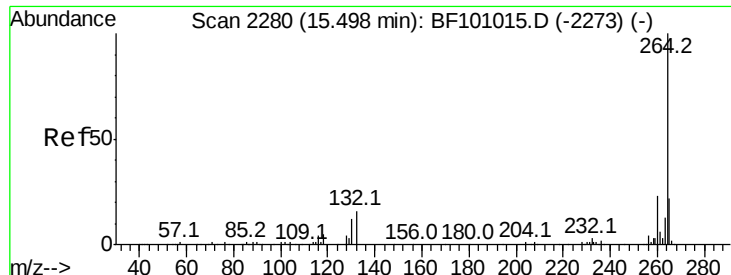
Tot Ion:240 Resp: 110733
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.5 14.3
 236 24.6 20.7 31.1



#78
 Terphenyl-d14
 Concen: 91.301 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101142.D
 Acq: 6 Dec 2017 00:12

Tgt Ion:244 Resp: 462221
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.9 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101142.D
Acq: 6 Dec 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 114727

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.9	17.5	26.3

