

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101042.D
 Acq On : 1 Dec 2017 2:27
 Operator : SJ/JU
 Sample : I6641-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 03:31:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

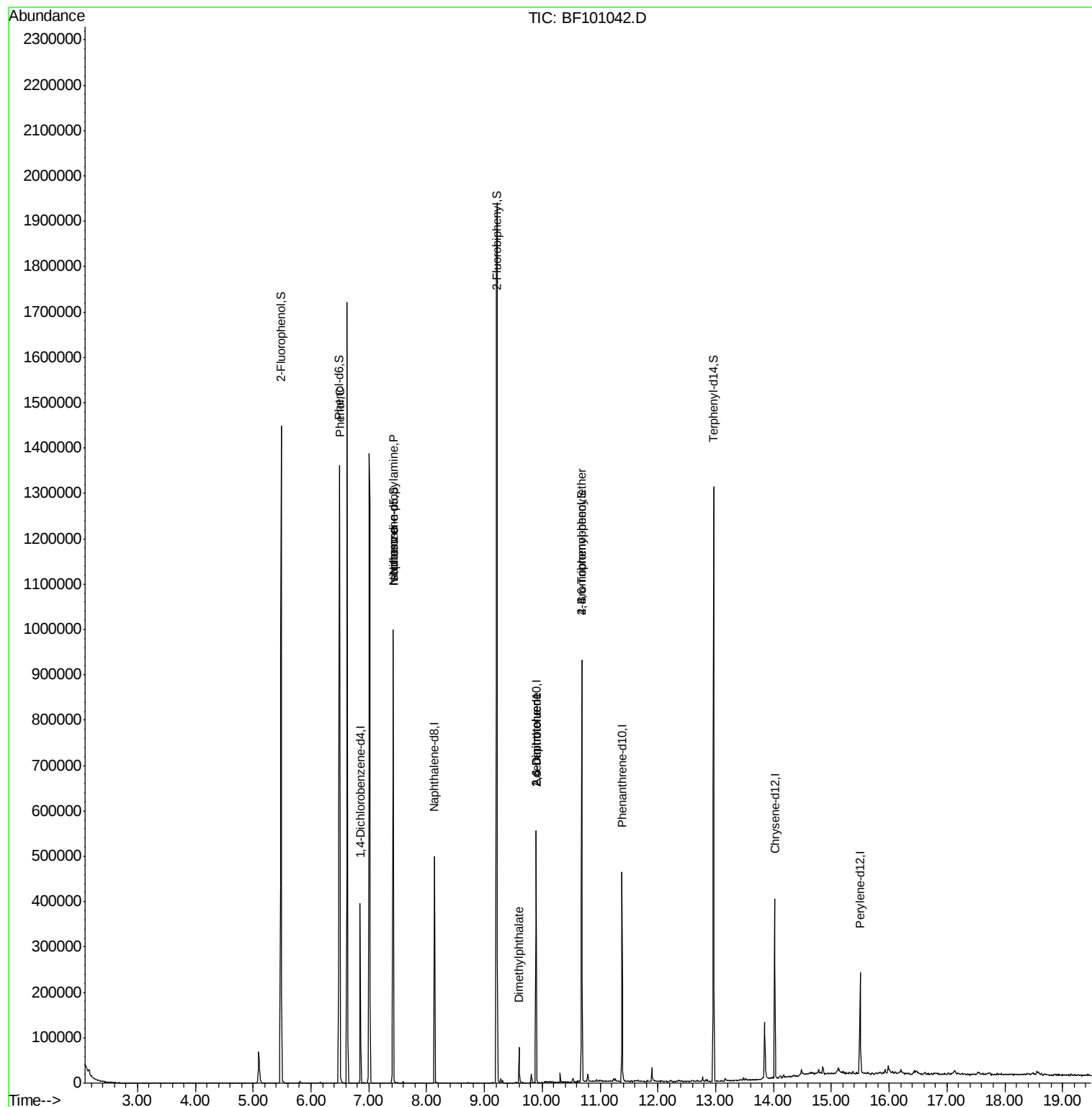
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	62526	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	236319	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	99056	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	155336	20.00	ng	0.00
75) Chrysene-d12	14.02	240	129836	20.00	ng	0.00
86) Perylene-d12	15.50	264	99650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	472196	124.79	ng	0.02
7) Phenol-d6	6.49	99	577078	125.62	ng	0.00
23) Nitrobenzene-d5	7.42	82	345460	87.20	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	122320	102.79	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	661532	91.37	ng	0.00
78) Terphenyl-d14	12.97	244	480115	80.88	ng	0.00
Target Compounds						
10) Phenol	6.50	94	25200	4.933	ng	96
19) n-Nitroso-di-n-propylamine	7.42	70	45765	14.792	ng	# 83
25) Isophorone	7.42	82	345460	51.052	ng	# 64
49) Dimethylphthalate	9.60	163	31451	3.937	ng	# 98
50) 2,6-Dinitrotoluene	9.89	165	12610	7.494	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	12610	5.592	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	7865	4.523	ng	# 1

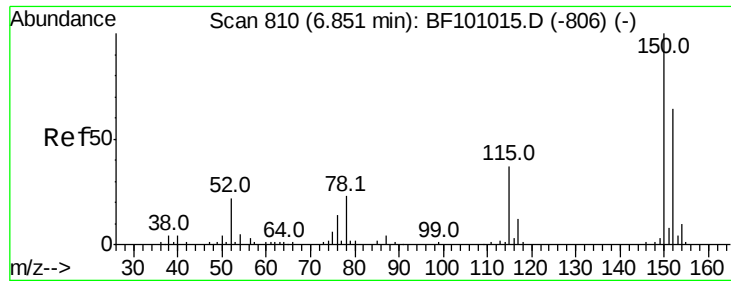
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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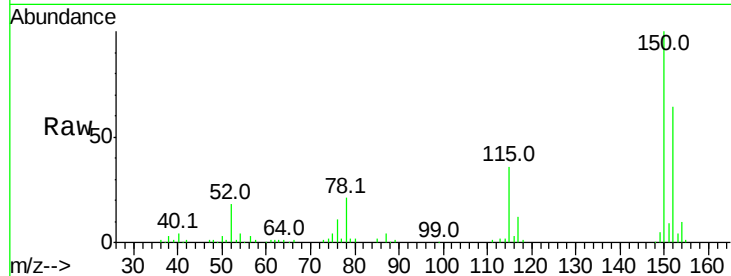


#1

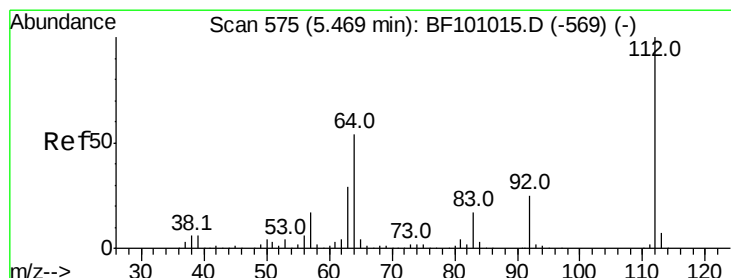
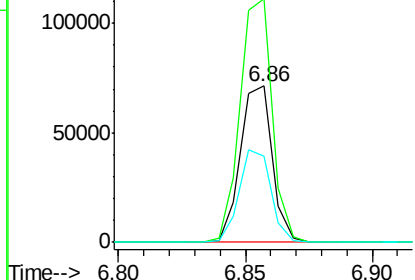
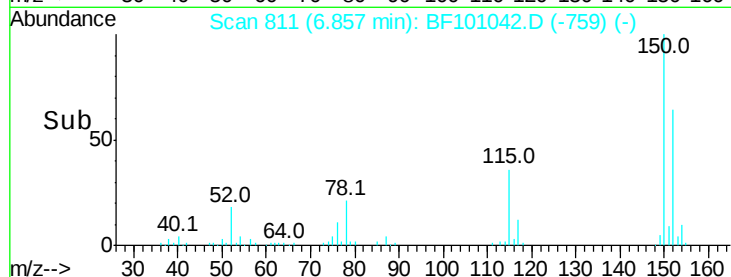
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF101042.D
 Acq: 1 Dec 2017 2:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 62526
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 55.6 50.1 75.1



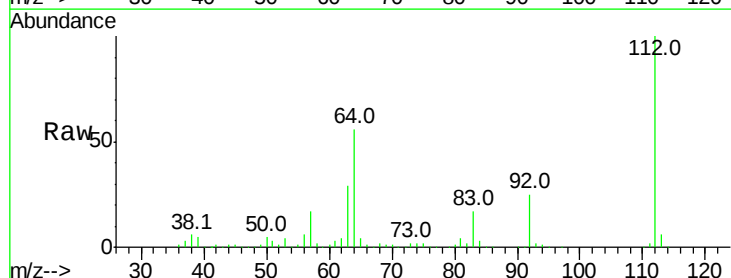
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



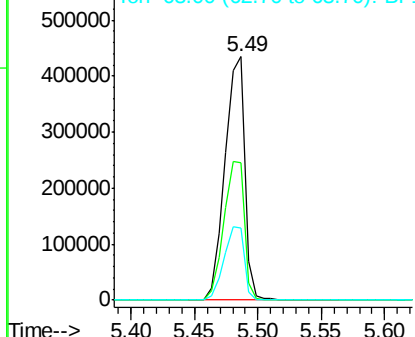
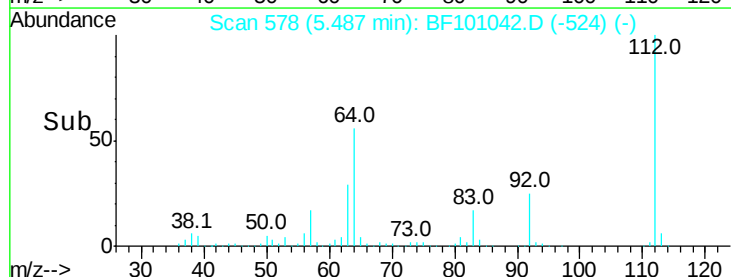
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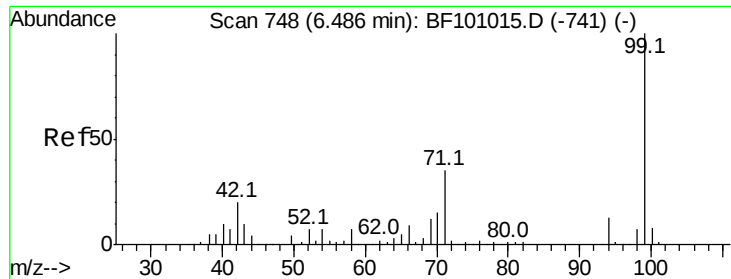
2-Fluorophenol
 Concen: 124.792 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF101042.D
 Acq: 1 Dec 2017 2:27

Tgt Ion:112 Resp: 472196
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.9 71.9
 63 29.5 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: 125.617 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101042.D

Acq: 1 Dec 2017 2:27

Instrument :

BNA_F

ClientSampleId :

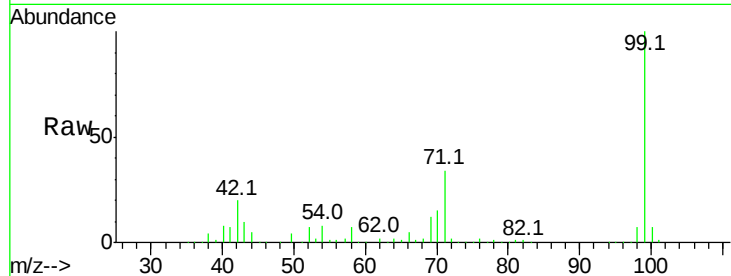
Tot Ion: 99 Resp: 577078

Ion Ratio Lower Upper

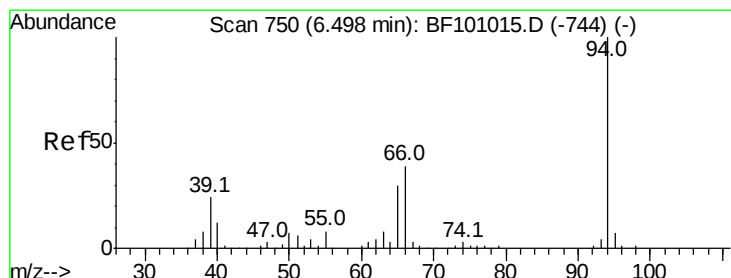
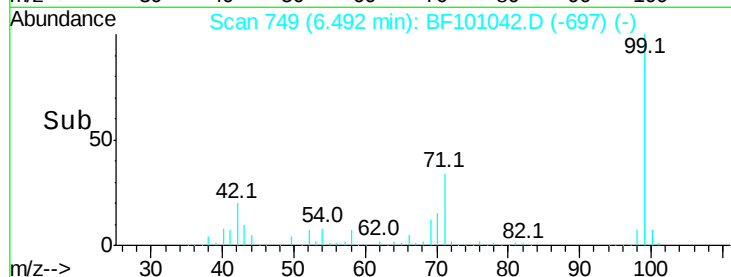
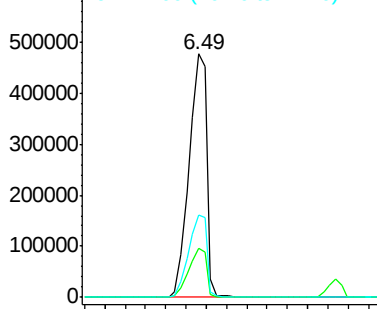
99 100

42 20.3 14.5 21.7

71 34.0 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: 4.933 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF101042.D

Acq: 1 Dec 2017 2:27

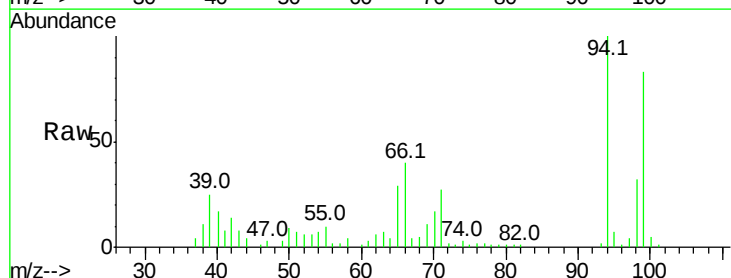
Tgt Ion: 94 Resp: 25200

Ion Ratio Lower Upper

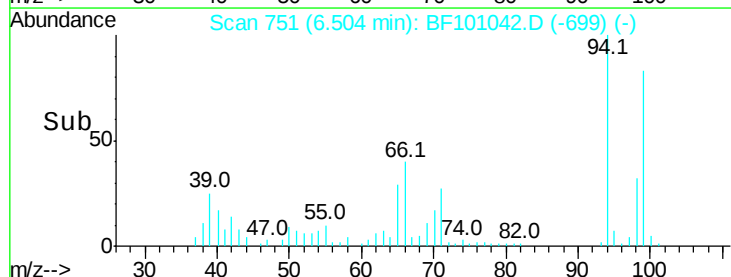
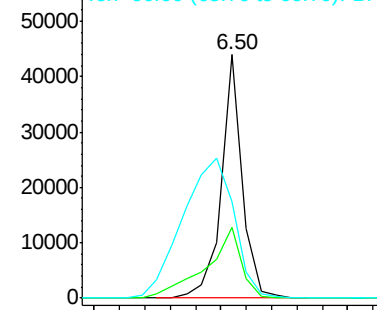
94 100

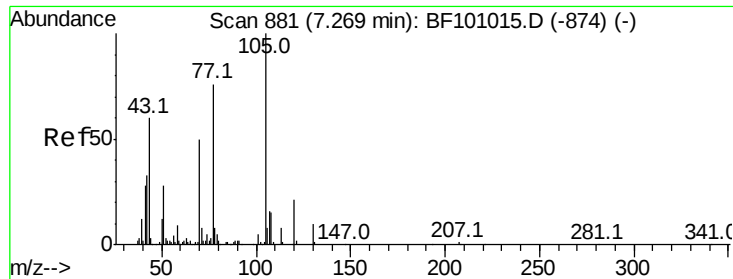
65 29.1 7.9 47.9

66 39.7 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

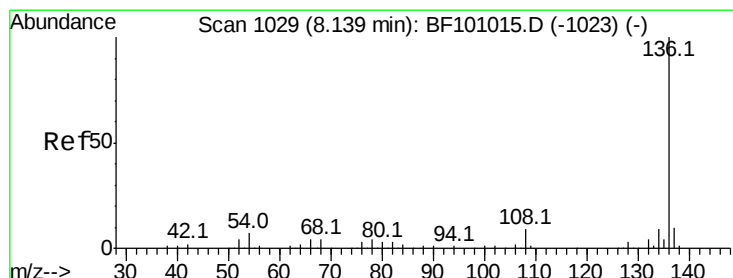
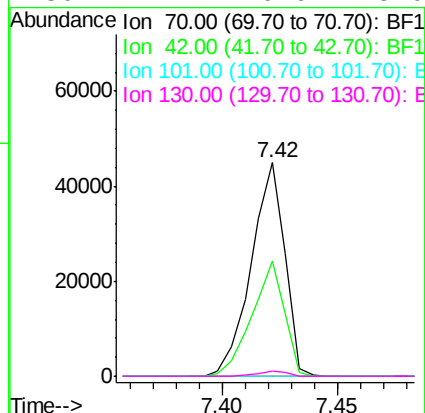
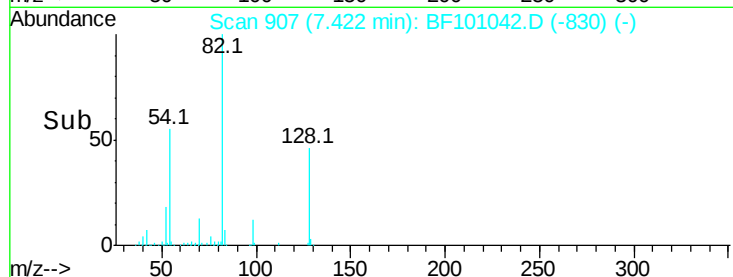
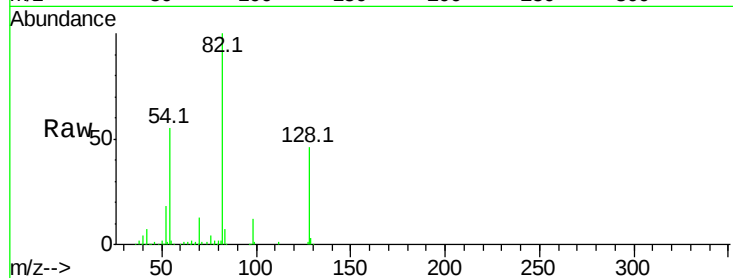




#19
n-Nitroso-di-n-propylamine
Concen: 14.792 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF101042.D
Acq: 1 Dec 2017 2:27

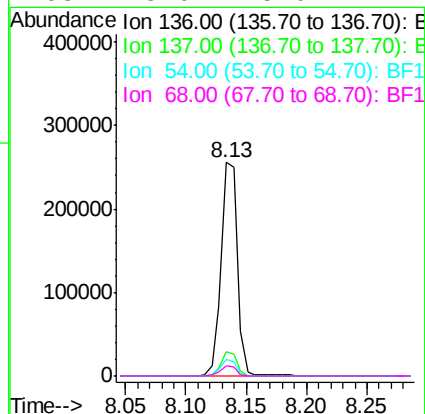
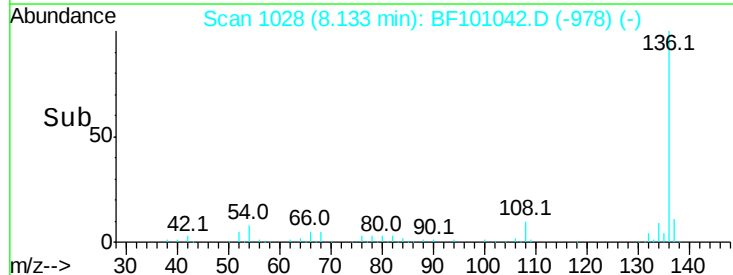
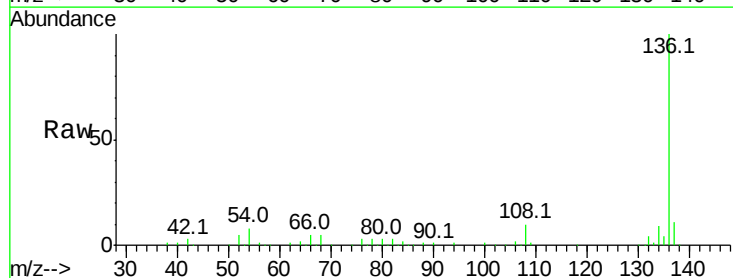
Instrument :
BNA_F
ClientSampleId :

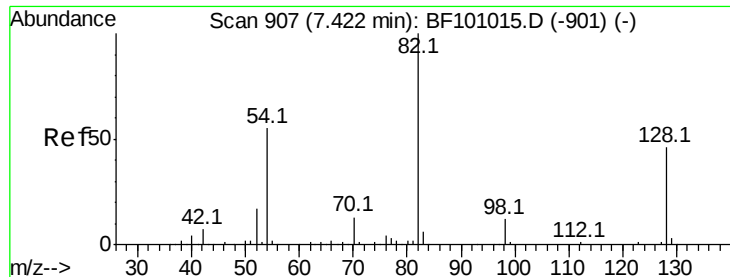
Tot Ion: 70 Resp: 45765
Ion Ratio Lower Upper
70 100
42 54.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101042.D
Acq: 1 Dec 2017 2:27

Tgt Ion:136 Resp: 236319
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.0 6.6 9.8
68 5.0 5.0 7.4#

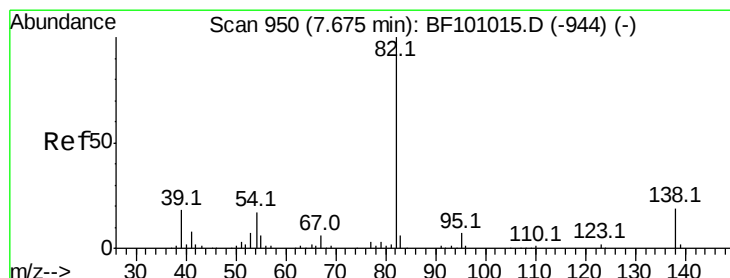
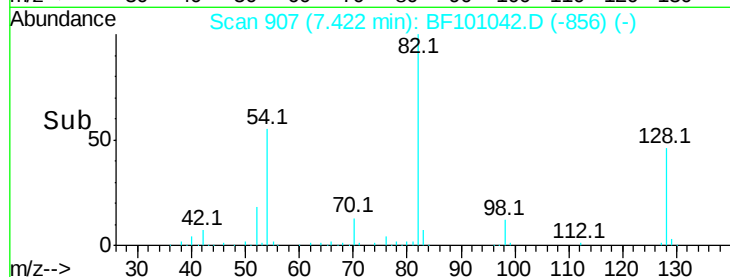
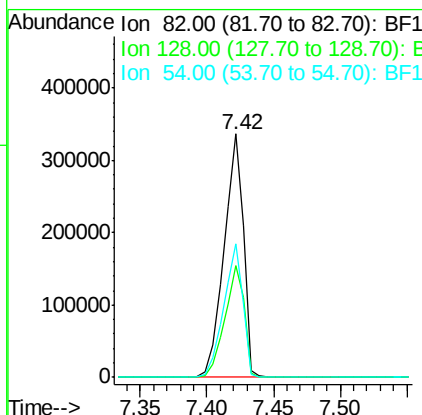
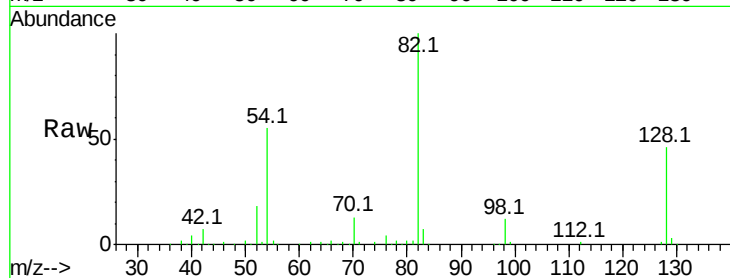




#23
 Nitrobenzene-d5
 Concen: 87.203 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF101042.D
 Acq: 1 Dec 2017 2:27

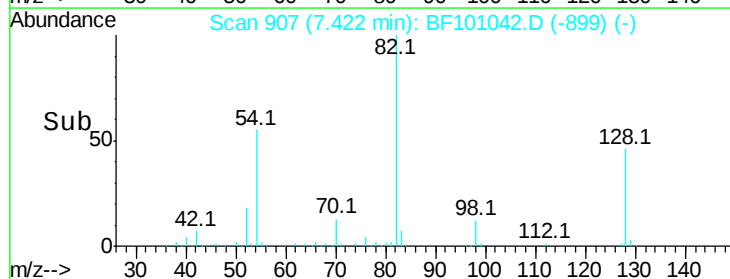
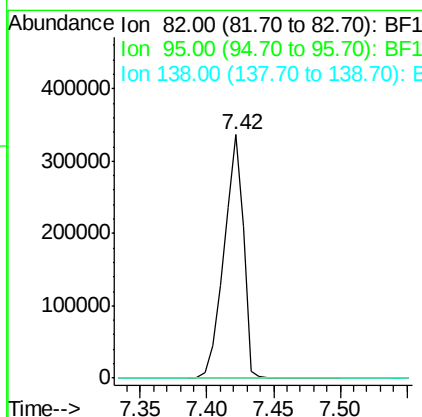
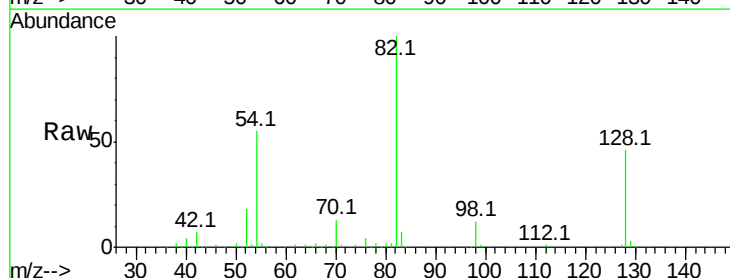
Instrument :
 BNA_F
 ClientSampled :

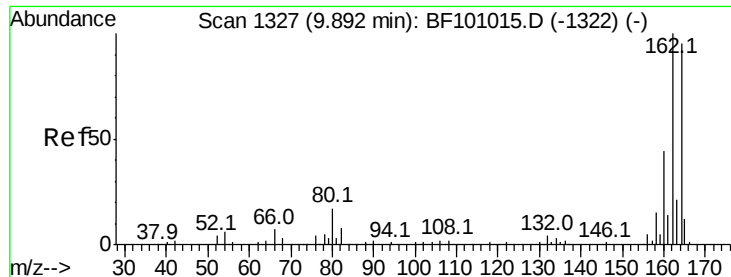
Tot Ion: 82 Resp: 345460
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 54.7 41.4 62.2



#25
 Isophorone
 Concen: 51.052 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.25 min
 Lab File: BF101042.D
 Acq: 1 Dec 2017 2:27

Tgt Ion: 82 Resp: 345460
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

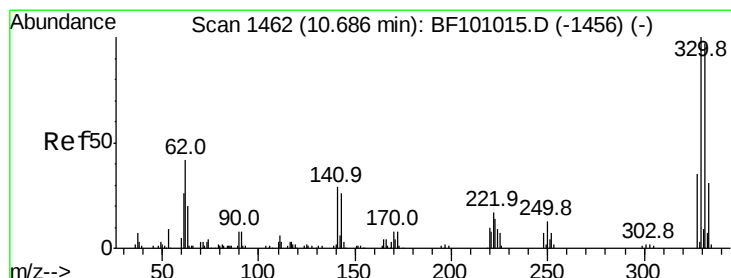
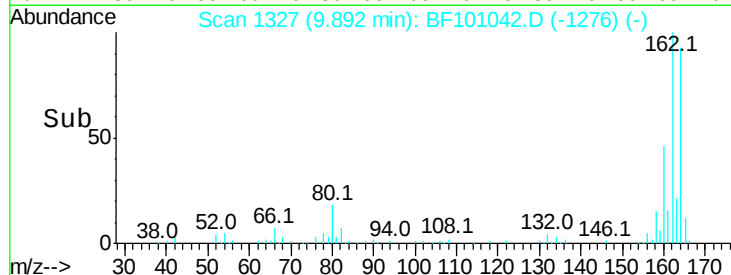
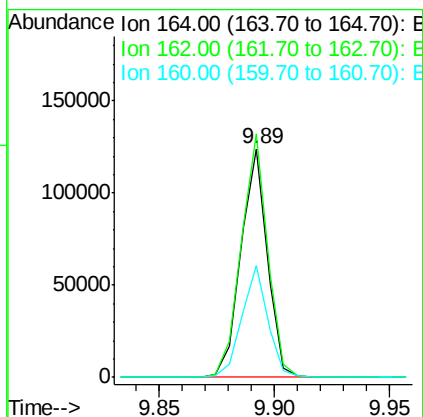
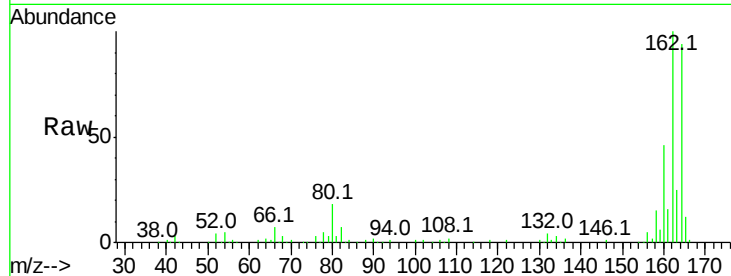




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF101042.D
 Acq: 1 Dec 2017 2:27

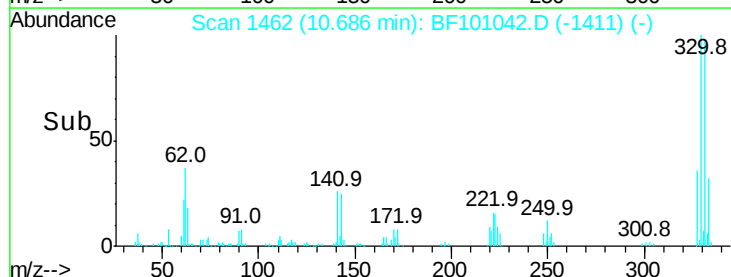
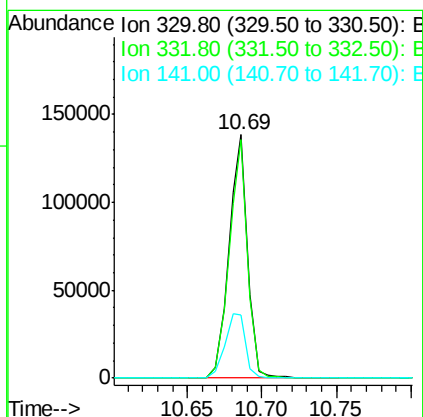
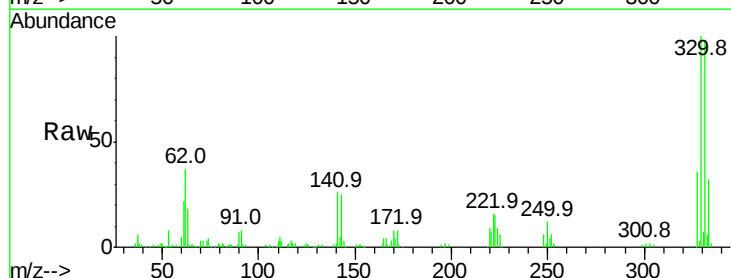
Instrument :
 BNA_F
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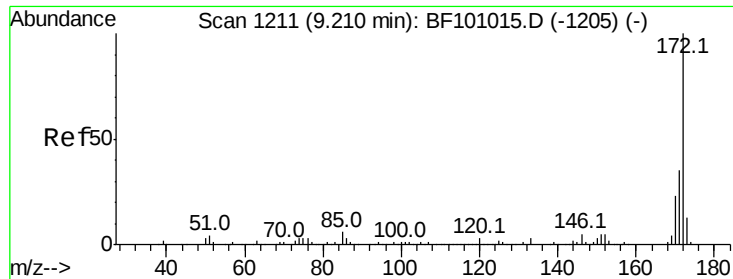
Tot Ion:164 Resp: 99056
 Ion Ratio Lower Upper
 164 100
 162 106.4 86.1 129.1
 160 48.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 102.795 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF101042.D
 Acq: 1 Dec 2017 2:27

Tgt Ion:330 Resp: 122320
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 29.0 29.9 44.9#

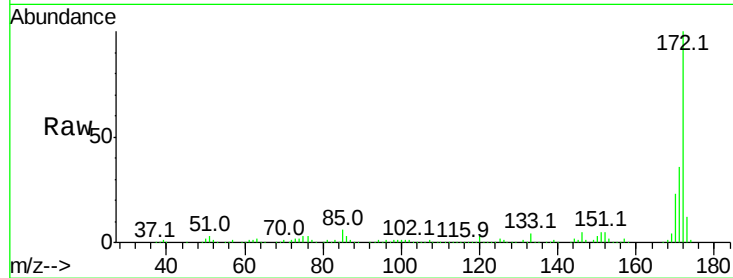




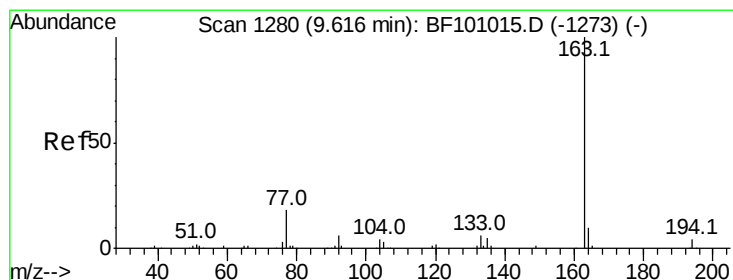
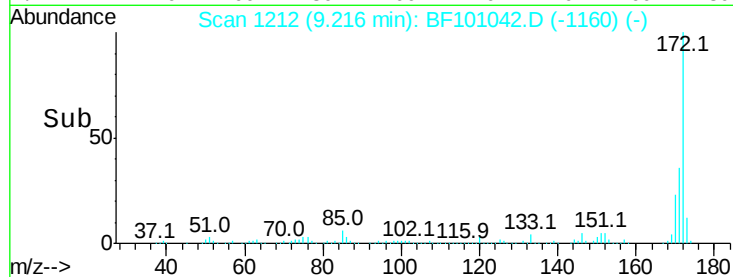
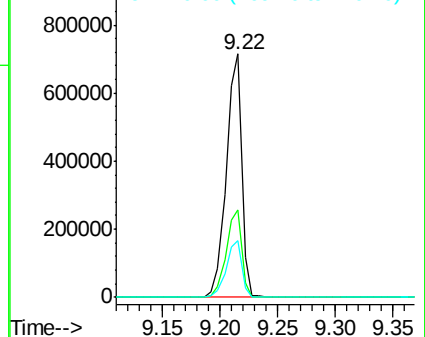
#44
2-Fluorobiphenyl
Concen: 91.373 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF101042.D
Acq: 1 Dec 2017 2:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 661532
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.4 19.6 29.4

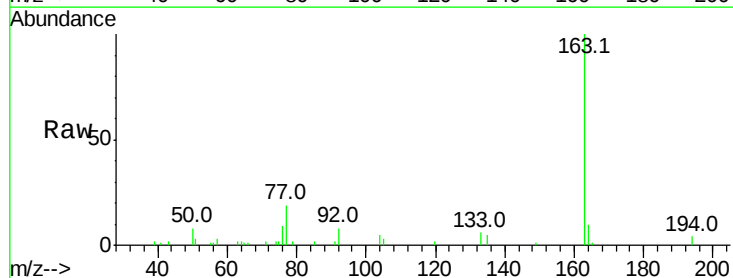


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

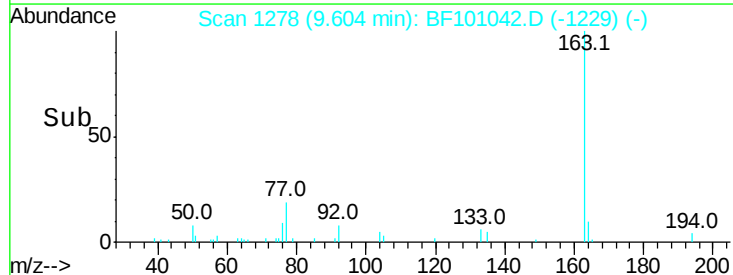
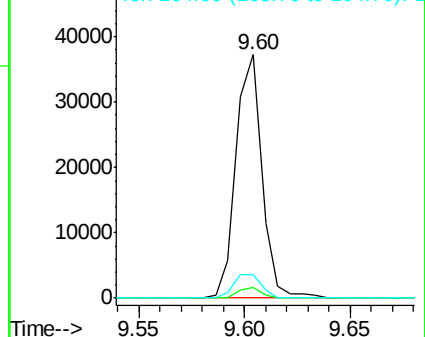


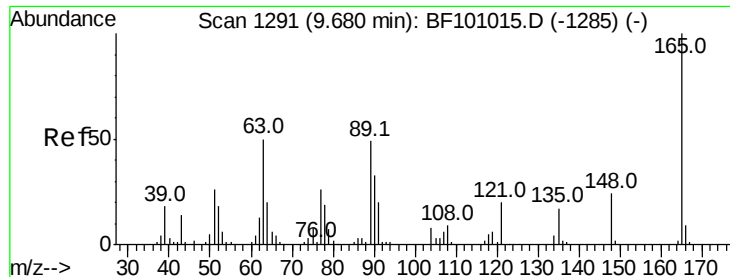
#49
Dimethylphthalate
Concen: 3.937 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF101042.D
Acq: 1 Dec 2017 2:27

Tgt Ion:163 Resp: 31451
Ion Ratio Lower Upper
163 100
194 4.5 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

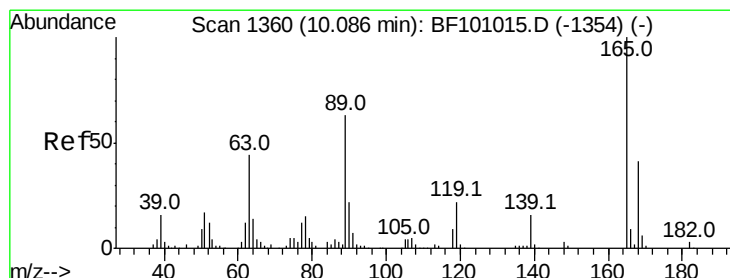
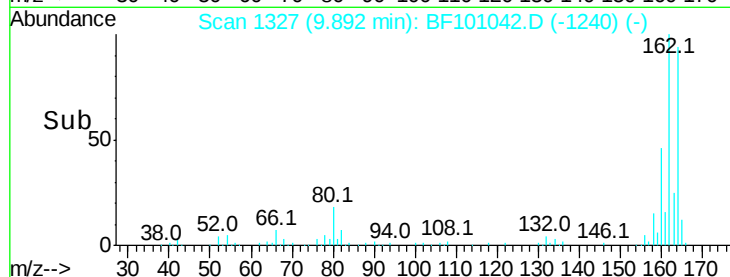
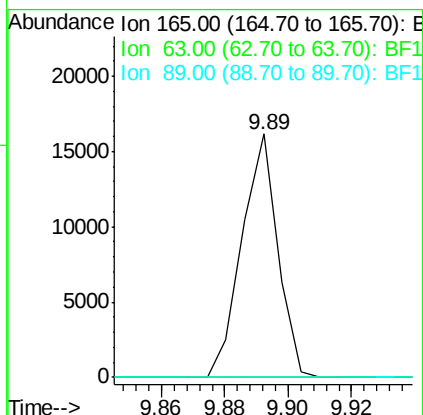
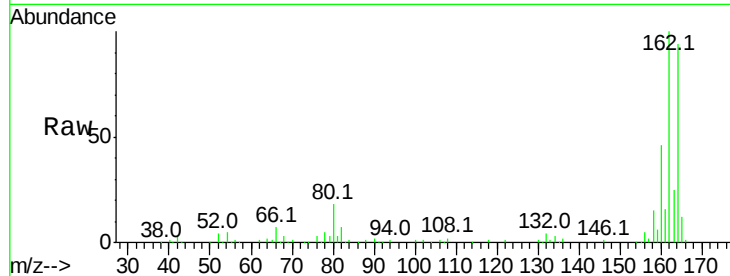




#50
 2,6-Dinitrotoluene
 Concen: 7.494 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF101042.D
 Acq: 1 Dec 2017 2:27

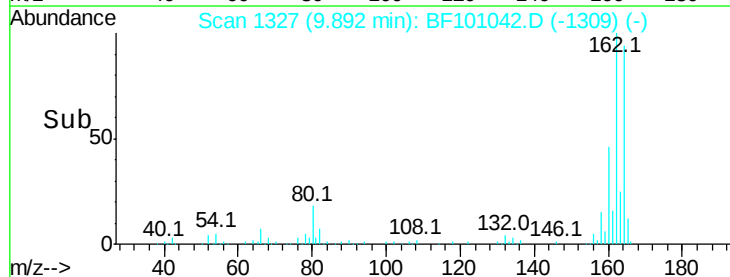
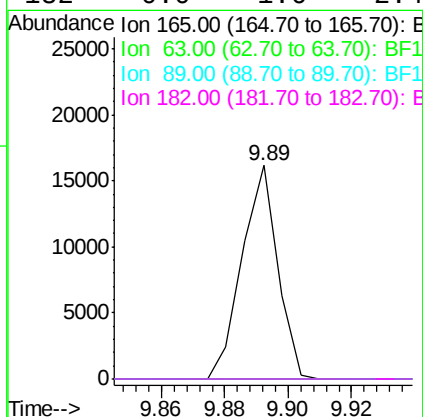
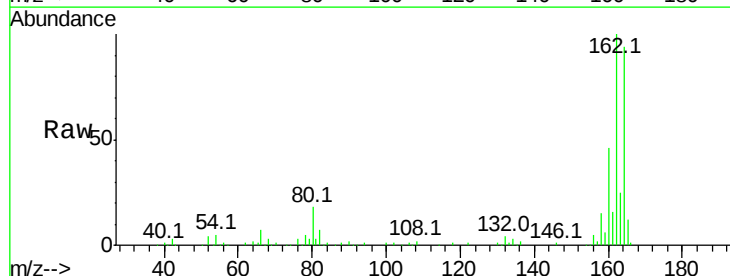
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 ClientSampleId :

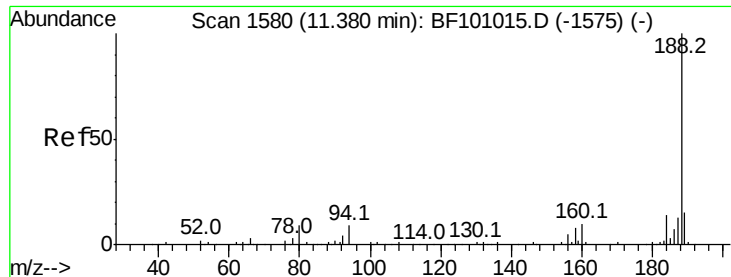
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.592 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF101042.D
 Acq: 1 Dec 2017 2:27

Tgt 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#

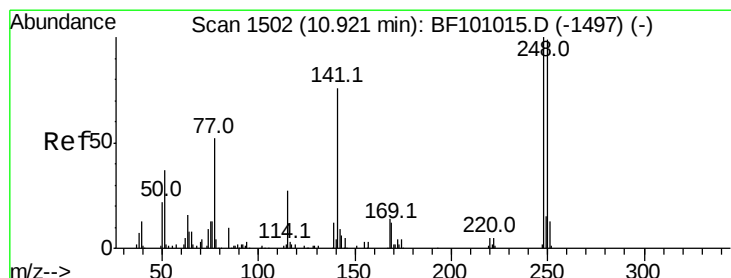
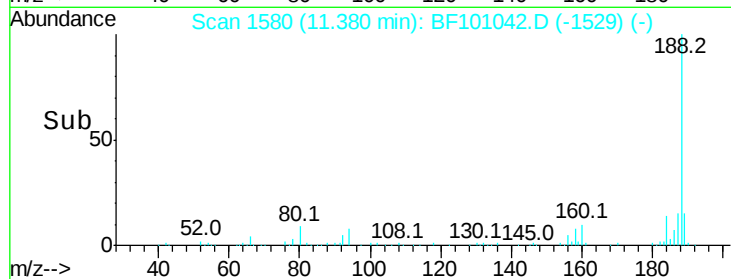
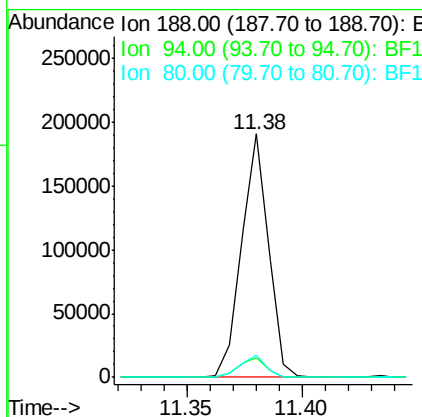
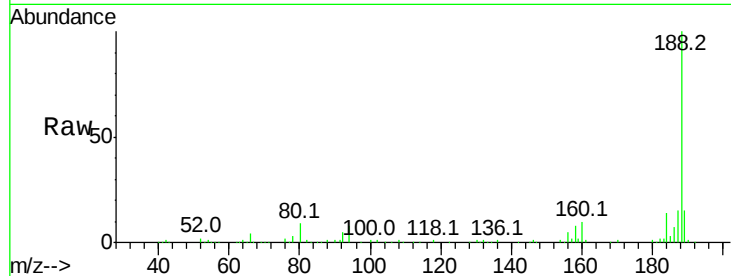




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101042.D
 Acq: 1 Dec 2017 2:27

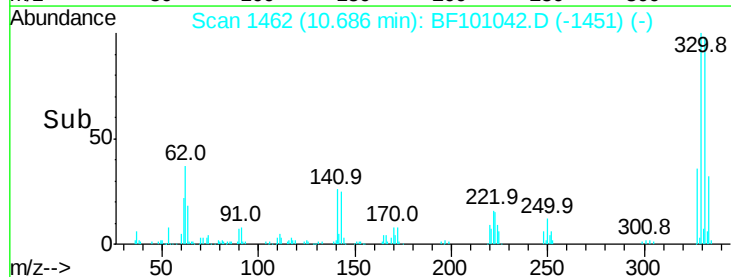
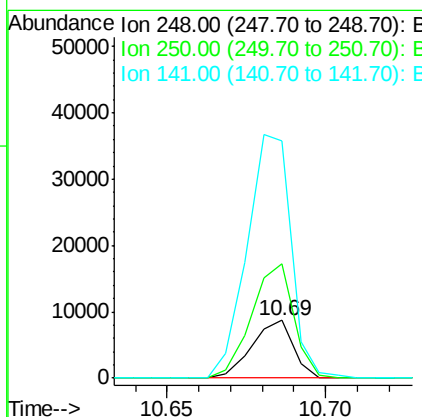
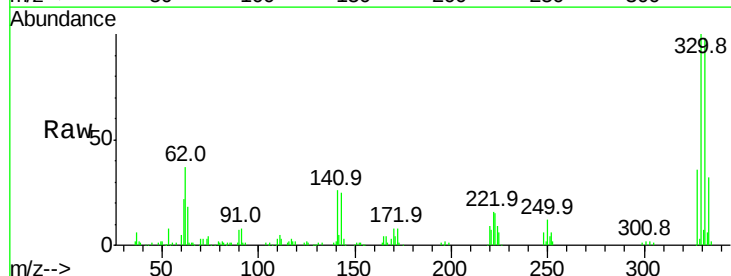
Instrument :
 BNA_F
 ClientSampled :

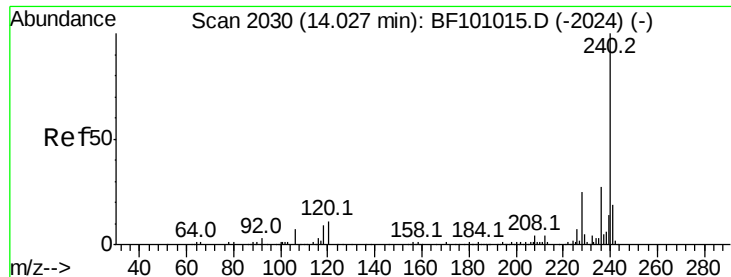
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	9.2	9.2	13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.523 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF101042.D
 Acq: 1 Dec 2017 2:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.9	76.9	115.3#
141	411.1	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF101042.D

Acq: 1 Dec 2017 2:27

Instrument :

BNA_F

ClientSampleId :

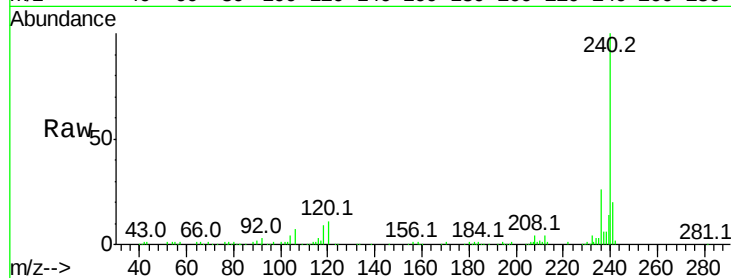
Tot Ion:240 Resp: 129836

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

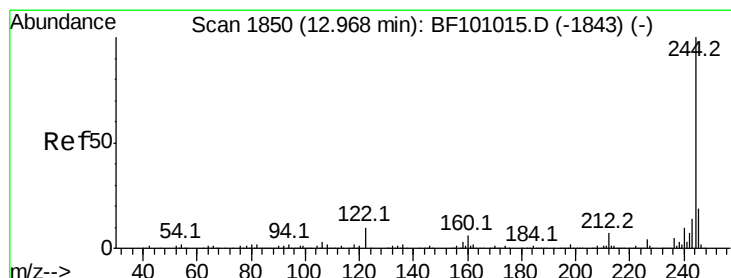
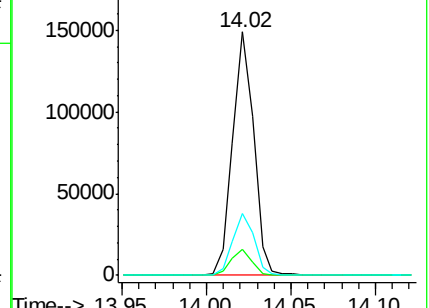
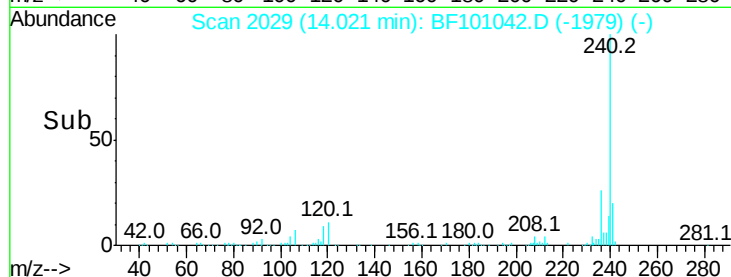
236 25.6 20.7 31.1



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: 80.882 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF101042.D

Acq: 1 Dec 2017 2:27

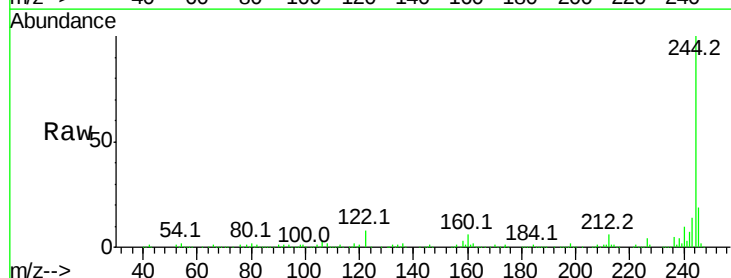
Tgt Ion:244 Resp: 480115

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

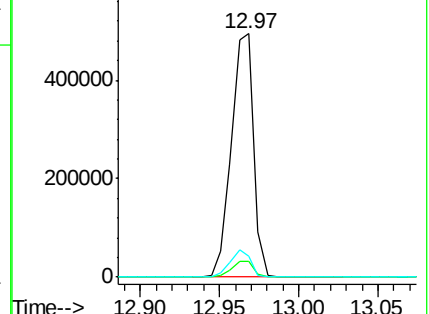
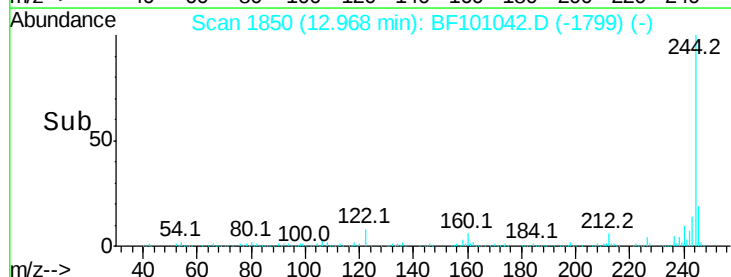
122 8.4 11.0 16.4#

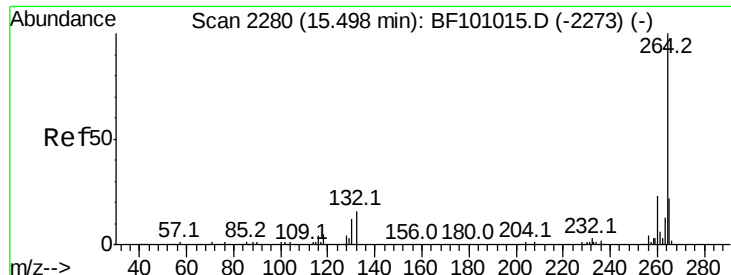


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

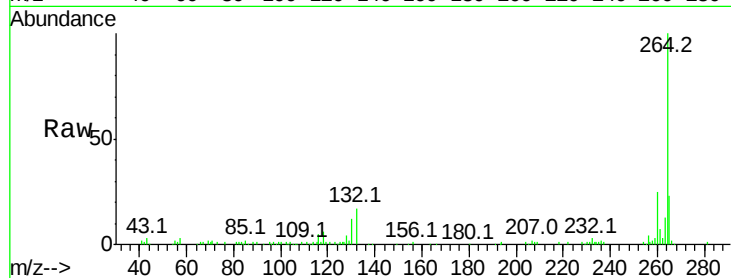




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF101042.D
 Acq: 1 Dec 2017 2:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.6	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

