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 Data File : BF101382.D
 Acq On : 13 Dec 2017 23:49
 Operator : SJ/JU
 Sample : I6816-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 01:10:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

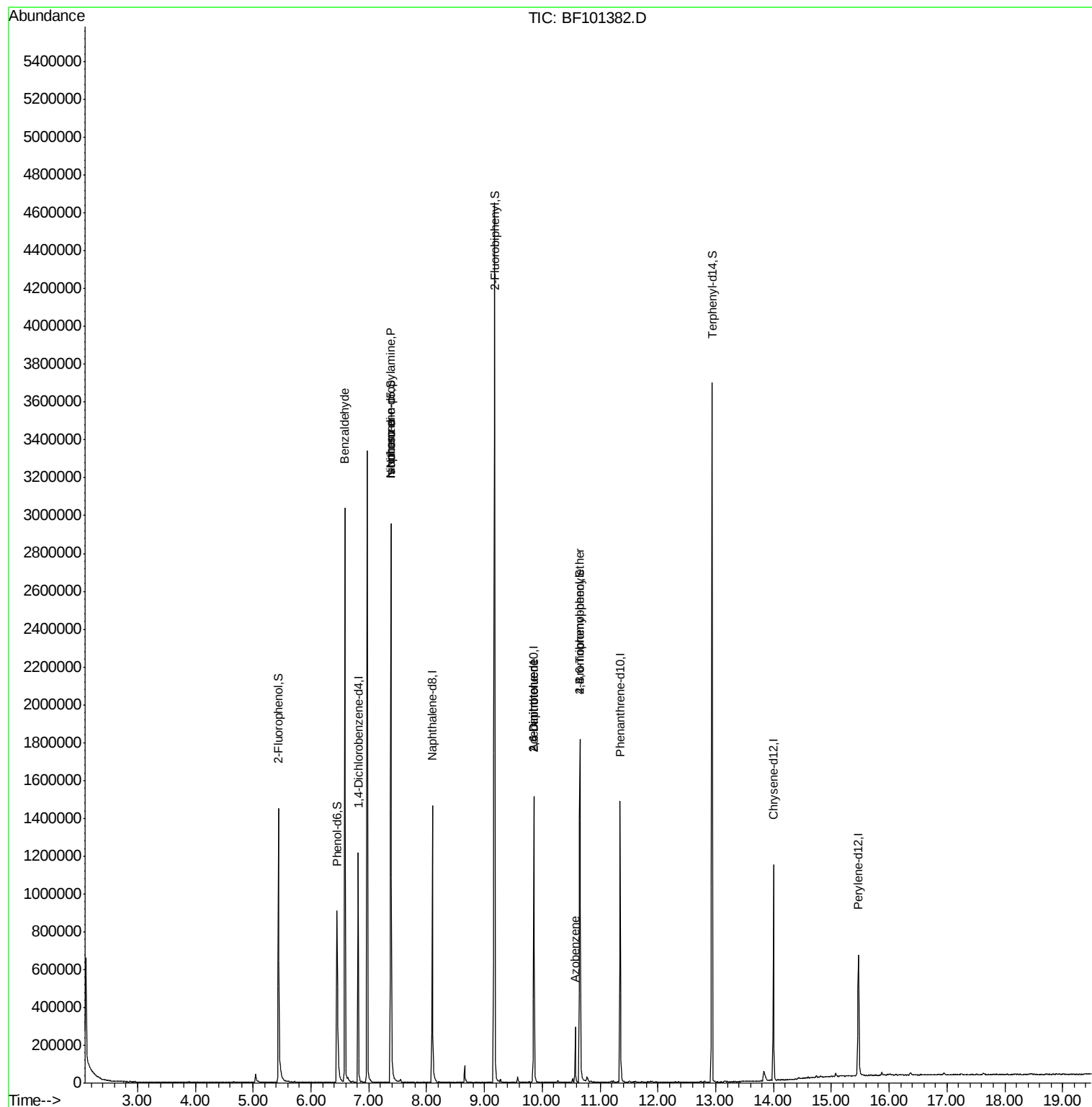
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	174564	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	716568	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	317019	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	584146	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	391610	20.00	ng	0.00
86) Perylene-d12	15.47	264	314380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	509924	48.27	ng	0.00
7) Phenol-d6	6.45	99	397316	30.98	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1068883	88.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	222833	58.51	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1760541	75.98	ng	-0.01
78) Terphenyl-d14	12.94	244	1483948	82.88	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	17943	2.286	ng	82
19) n-Nitroso-di-n-propylamine	7.39	70	144933	16.779	ng	# 84
25) Isophorone	7.39	82	1068874	52.094	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	40952	7.605	ng	# 26
56) 2,4-Dinitrotoluene	9.86	165	40952	5.675	ng	# 23
62) Azobenzene	10.57	77	52938	2.474	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	14490	2.216	ng	# 1

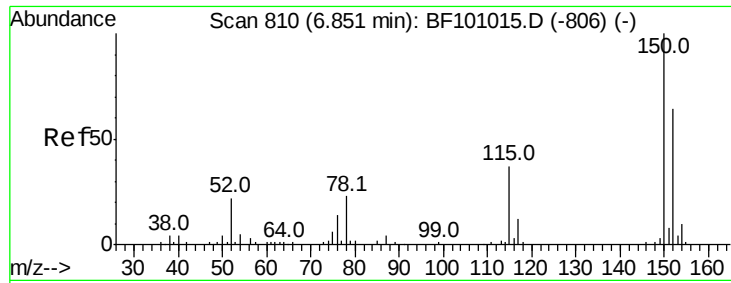
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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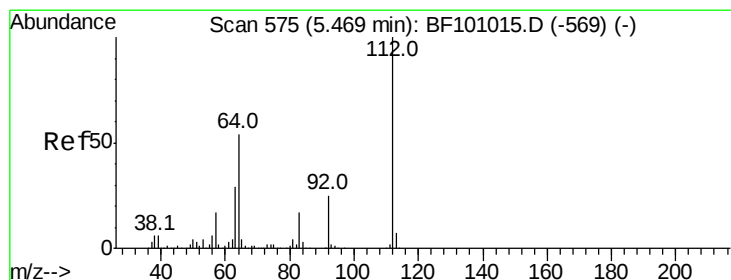
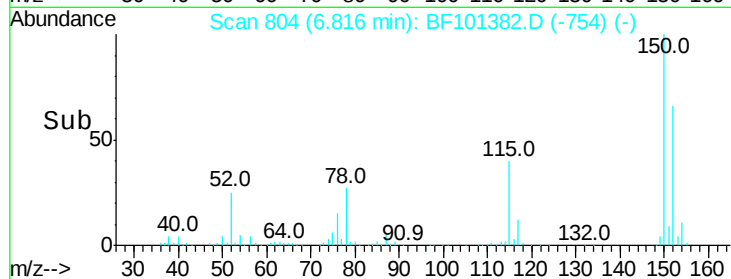
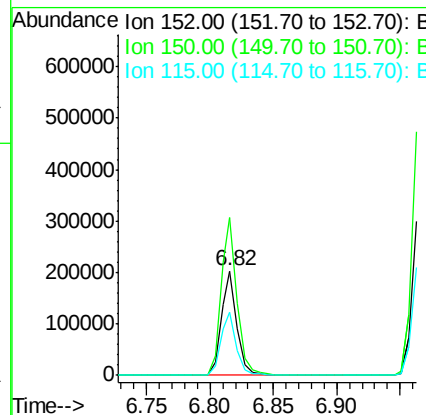
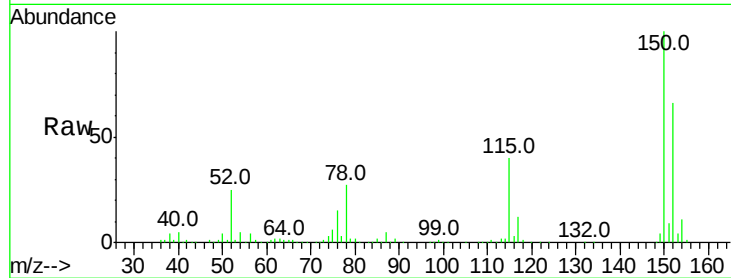


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101382.D
Acq: 13 Dec 2017 23:49

Instrument :
BNA_F
ClientSampleId :

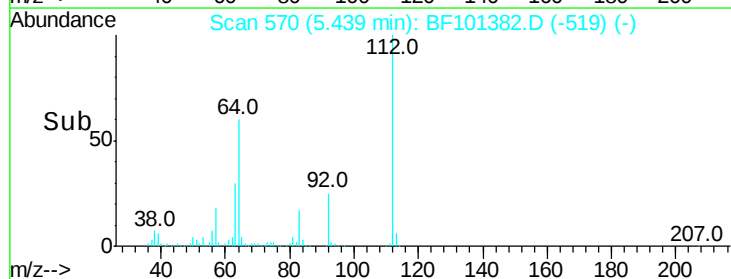
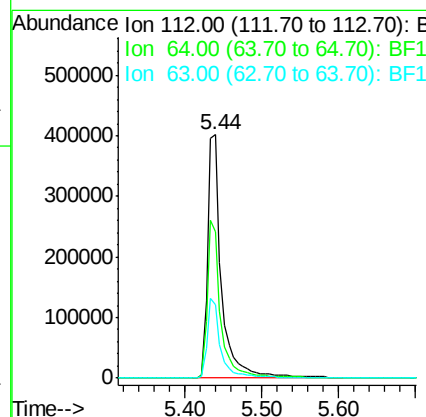
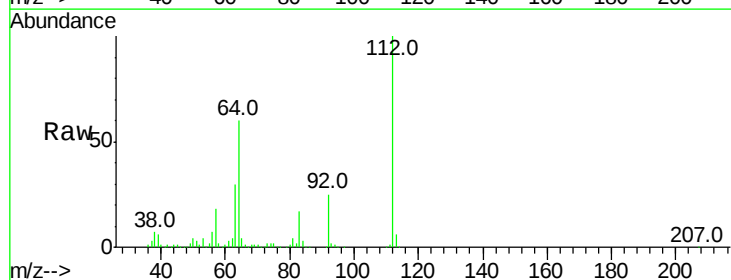
Tot Ion:152 Resp: 174564
Ion Ratio Lower Upper
152 100
150 151.1 124.6 186.8
115 60.5 50.1 75.1



#5

2-Fluorophenol
Concen: 48.270 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF101382.D
Acq: 13 Dec 2017 23:49

Tgt Ion:112 Resp: 509924
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.0 23.7 35.5





#7

Phenol-d6

Concen: 30.978 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101382.D

Acq: 13 Dec 2017 23:49

Instrument :

BNA_F

ClientSampleId :

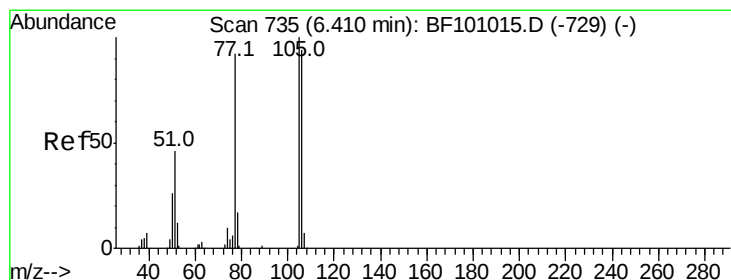
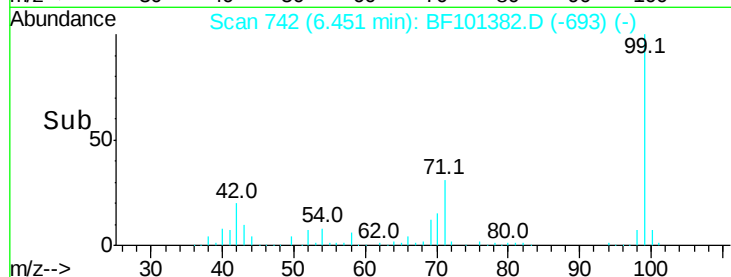
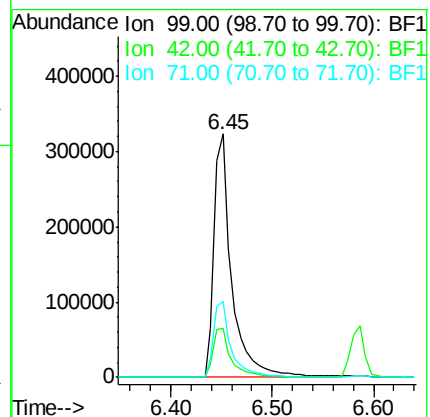
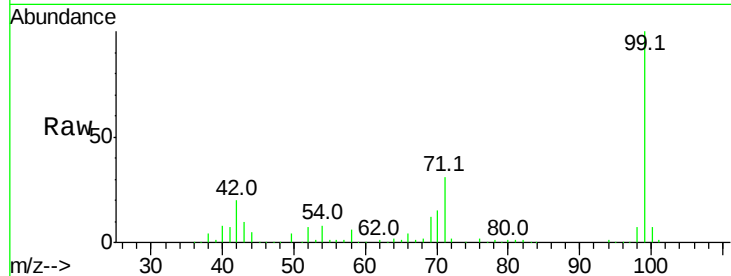
Tot Ion: 99 Resp: 397316

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 31.1 25.4 38.0



#9

Benzaldehyde

Concen: 2.286 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF101382.D

Acq: 13 Dec 2017 23:49

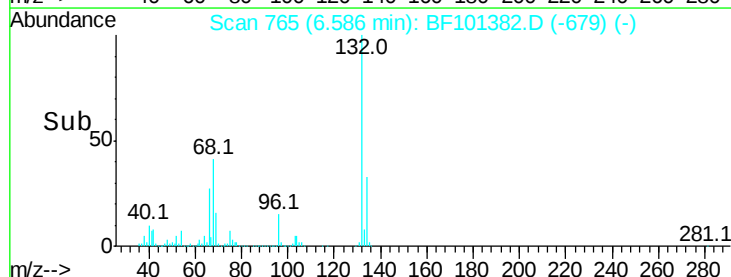
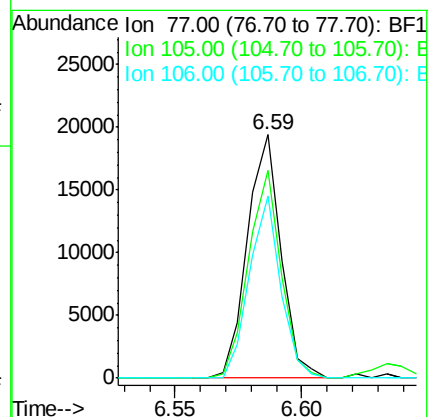
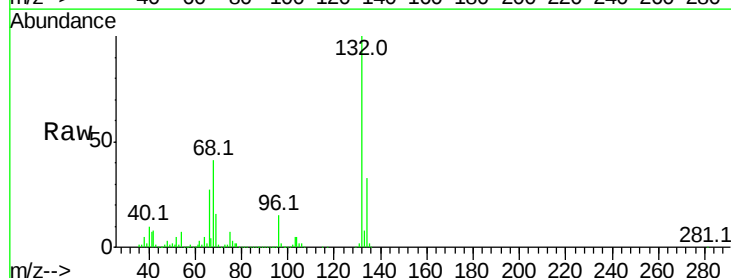
Tgt Ion: 77 Resp: 17943

Ion Ratio Lower Upper

77 100

105 85.2 81.1 121.1

106 74.8 74.5 114.5

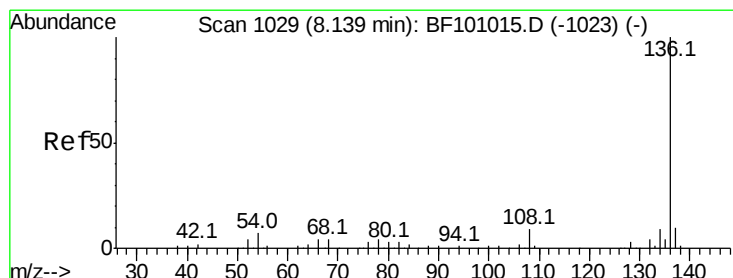
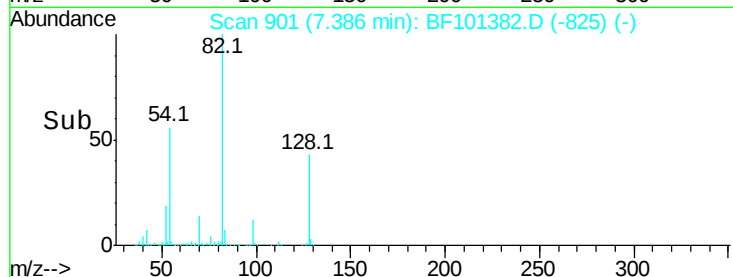
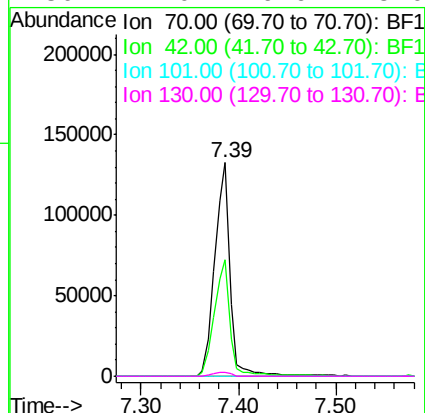
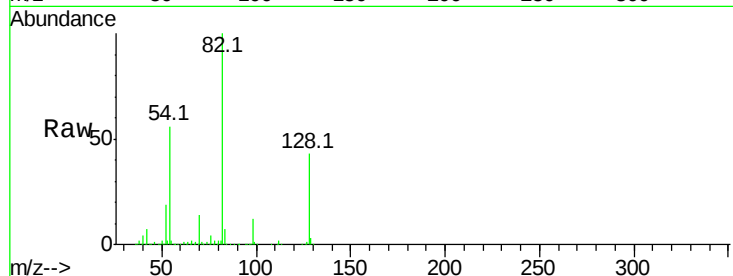




#19
n-Nitroso-di-n-propylamine
Concen: 16.779 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101382.D
Acq: 13 Dec 2017 23:49

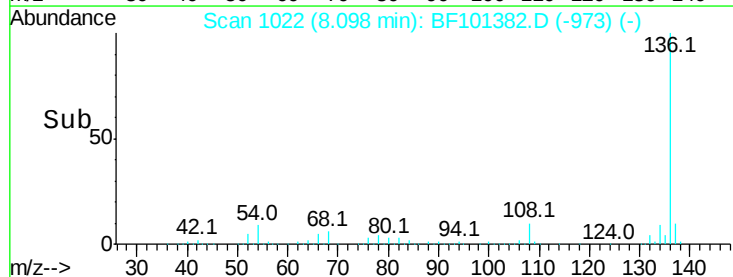
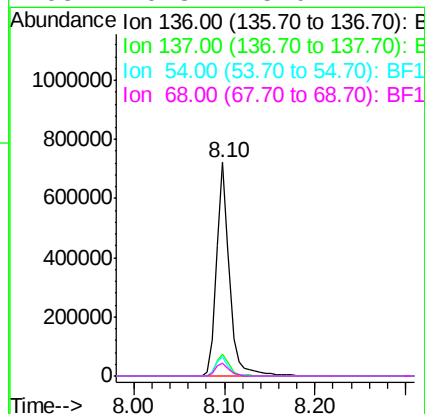
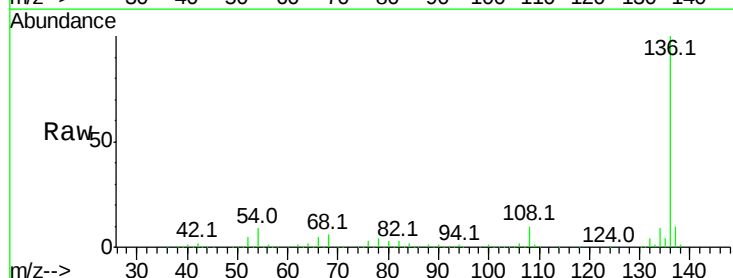
Instrument :
BNA_F
ClientSampleId :

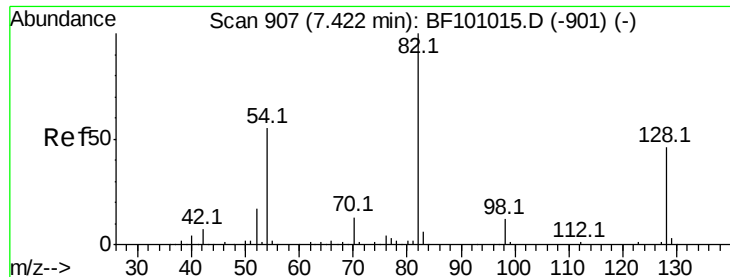
Tot Ion: 70 Resp: 144933
Ion Ratio Lower Upper
70 100
42 54.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF101382.D
Acq: 13 Dec 2017 23:49

Tgt Ion:136 Resp: 716568
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 9.3 6.6 9.8
68 6.3 5.0 7.4

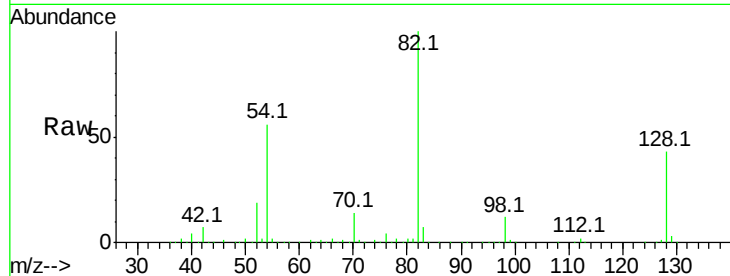




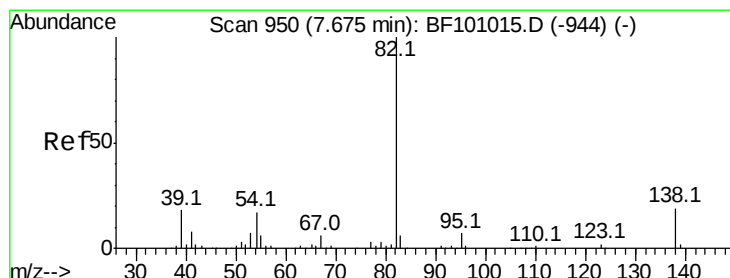
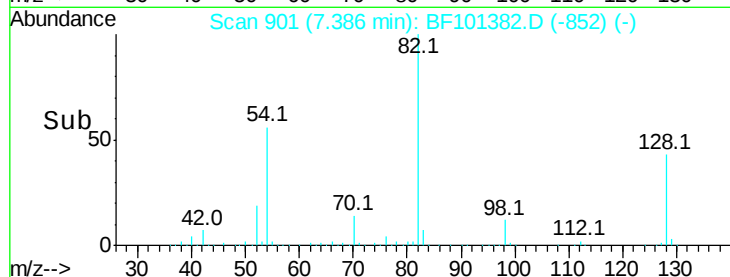
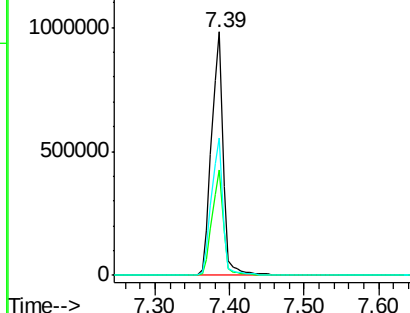
#23
Nitrobenzene-d5
Concen: 88.983 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101382.D
Acq: 13 Dec 2017 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1068883
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 56.2 41.4 62.2

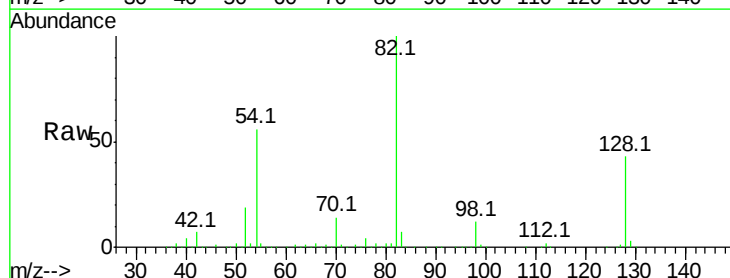


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

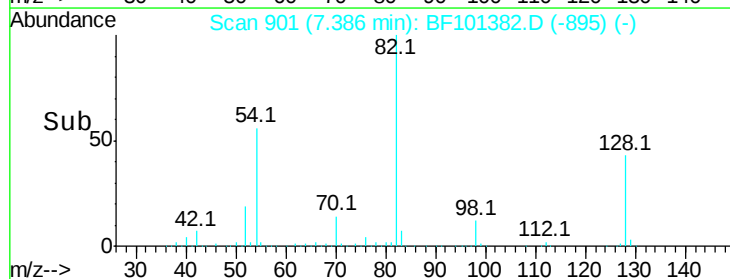
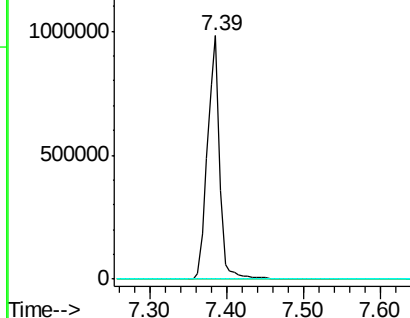


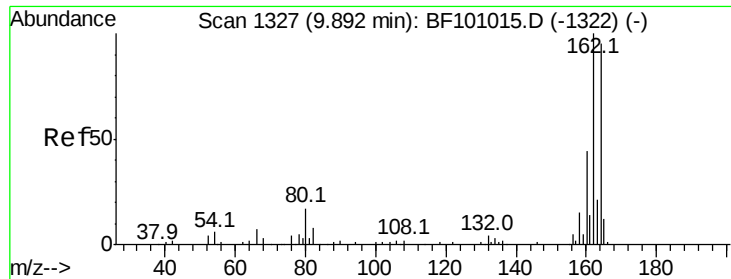
#25
Isophorone
Concen: 52.094 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101382.D
Acq: 13 Dec 2017 23:49

Tgt Ion: 82 Resp: 1068874
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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF101382.D

Acq: 13 Dec 2017 23:49

Instrument :

BNA_F

ClientSampleId :

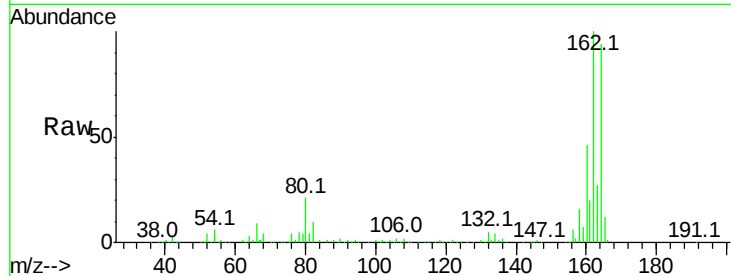
Tot Ion:164 Resp: 317019

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

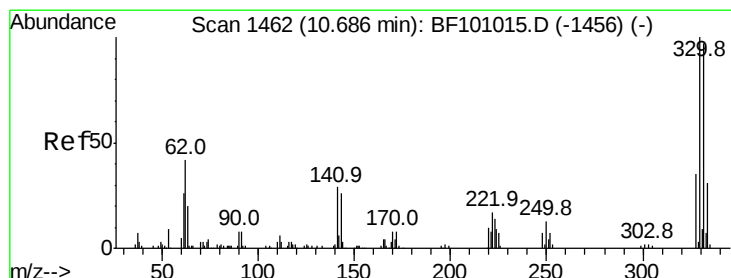
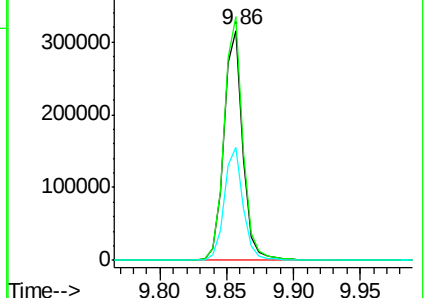
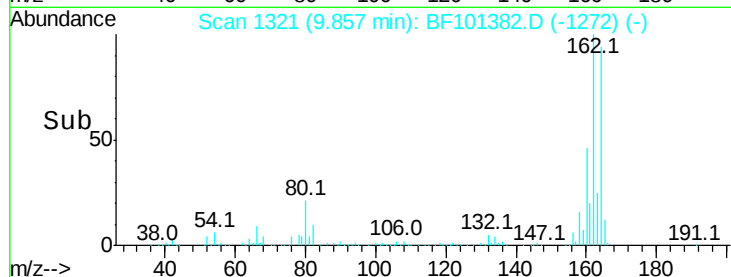
160 49.0 38.3 57.5



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: 58.512 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF101382.D

Acq: 13 Dec 2017 23:49

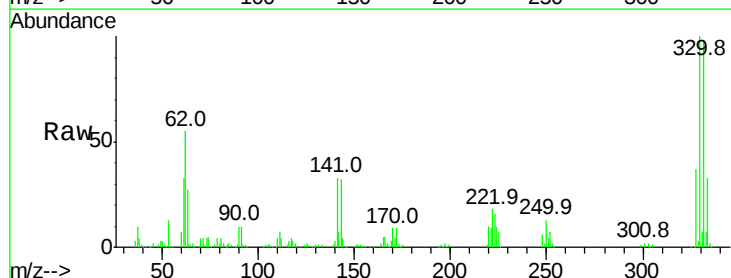
Tgt Ion:330 Resp: 222833

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

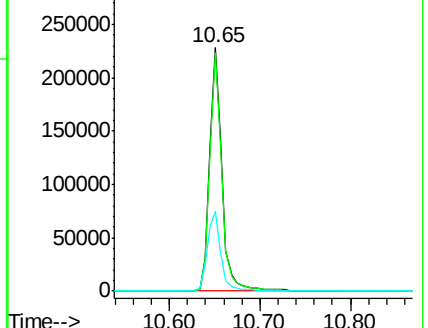
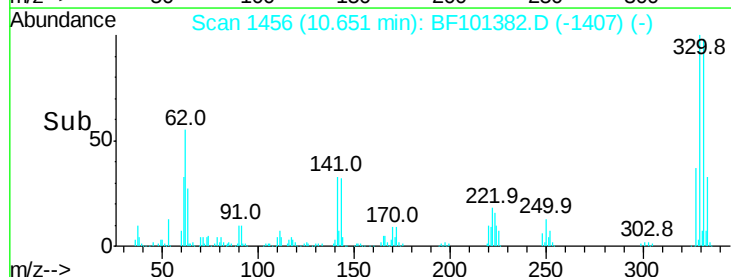
141 35.8 29.9 44.9

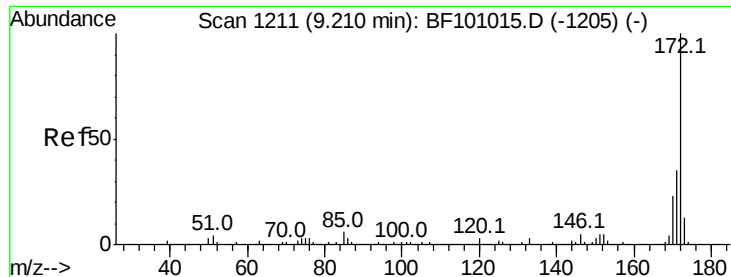


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

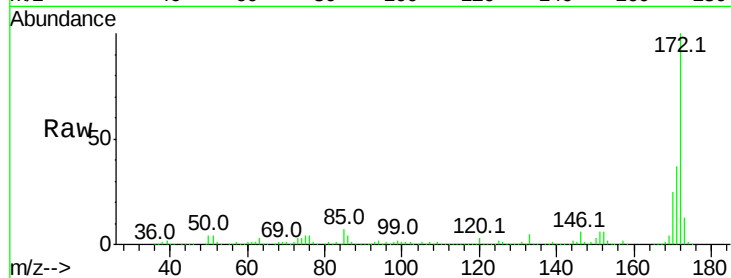




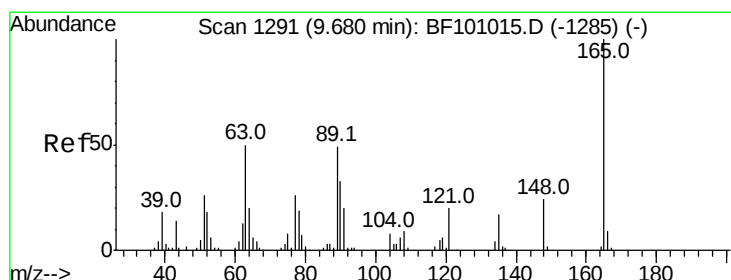
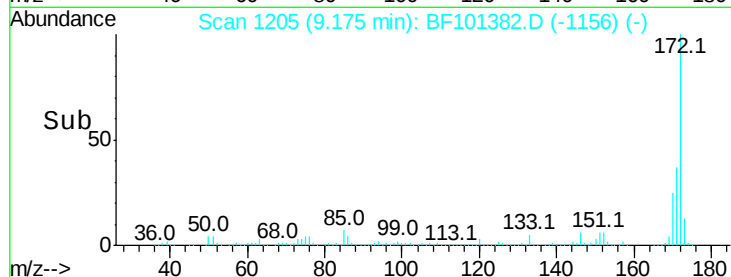
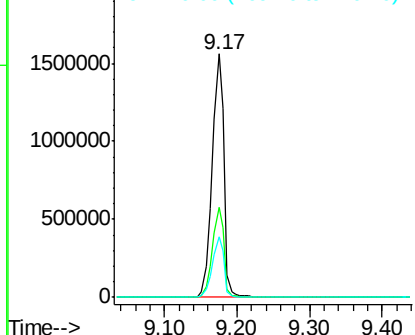
#44
2-Fluorobiphenyl
Concen: 75.982 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF101382.D
Acq: 13 Dec 2017 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1760541
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.6 19.6 29.4

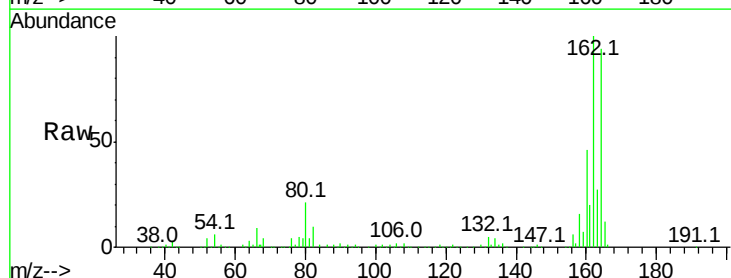


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

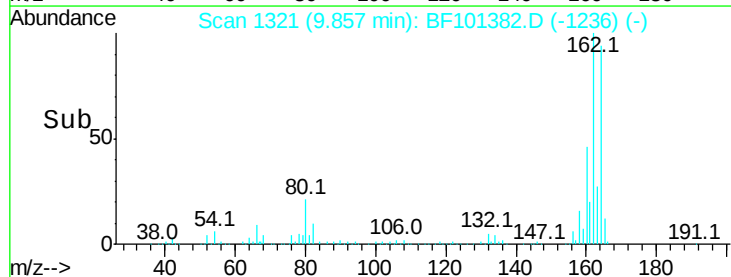
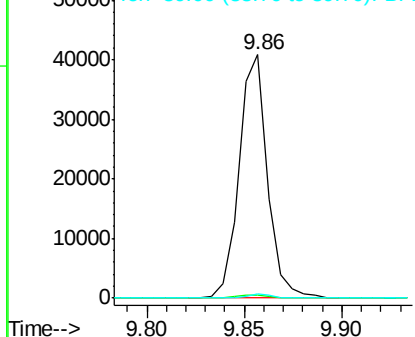


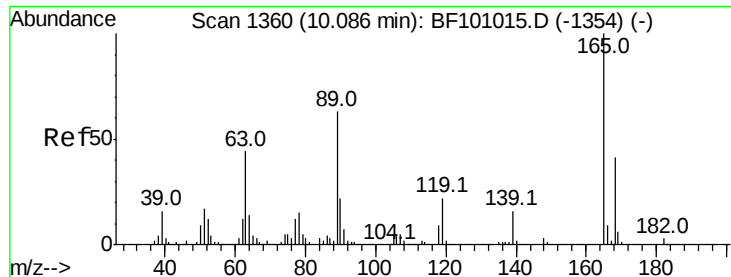
#50
2,6-Dinitrotoluene
Concen: 7.605 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.20 min
Lab File: BF101382.D
Acq: 13 Dec 2017 23:49

Tgt Ion:165 Resp: 40952
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.5 44.0 66.0#



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

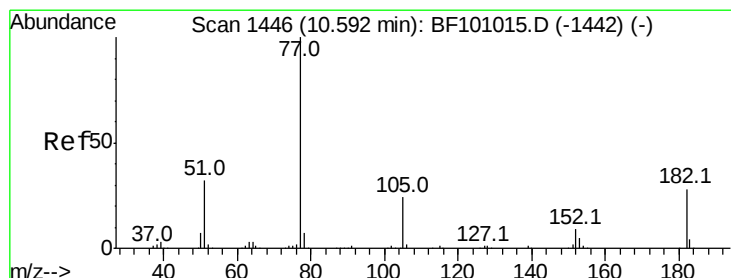
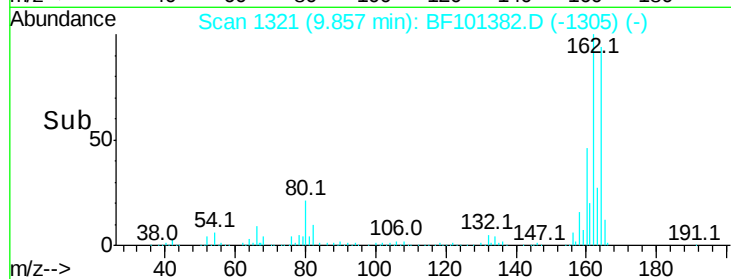
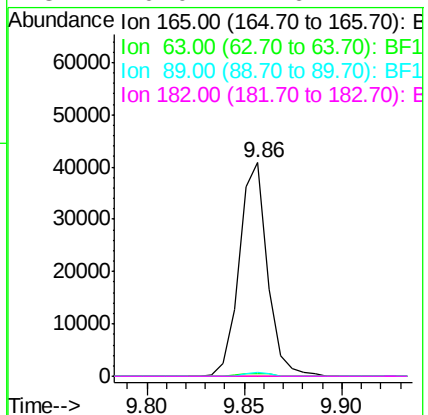
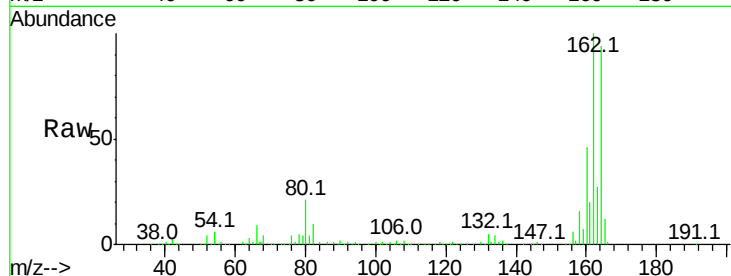




#56
 2,4-Dinitrotoluene
 Concen: 5.675 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.21 min
 Lab File: BF101382.D
 Acq: 13 Dec 2017 23:49

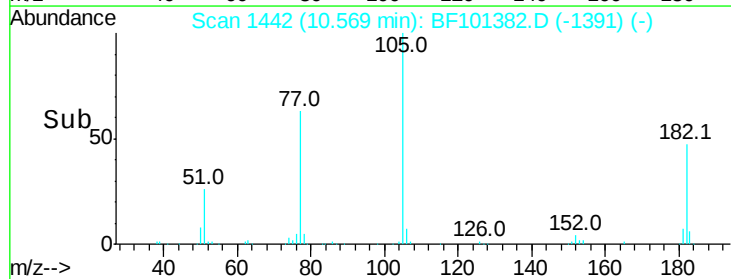
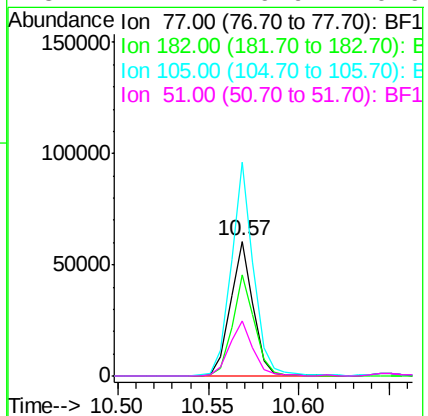
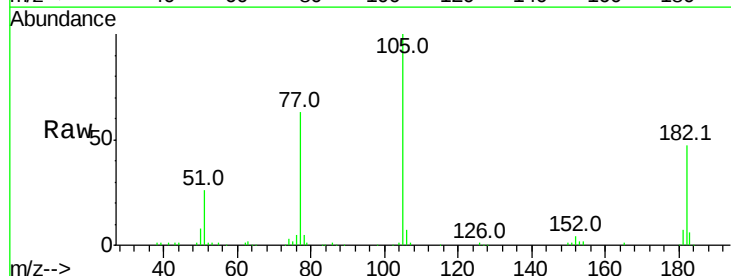
Instrument :
 BNA_F
 ClientSampleId :

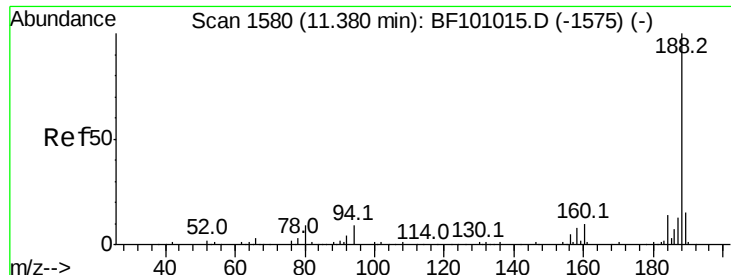
Tot Ion:	165	Resp:	40952
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 2.474 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF101382.D
 Acq: 13 Dec 2017 23:49

Tgt Ion:	77	Resp:	52938
Ion	Ratio	Lower	Upper
77	100		
182	74.6	1.7	41.7#
105	158.5	3.0	43.0#
51	41.2	9.9	49.9

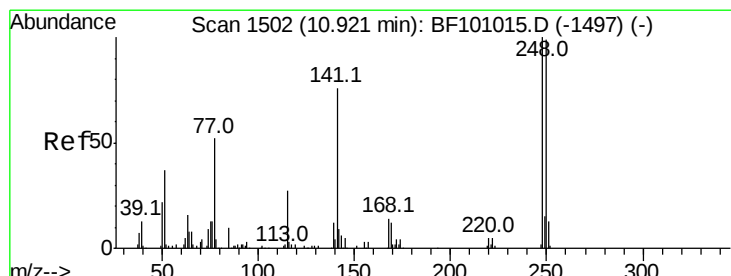
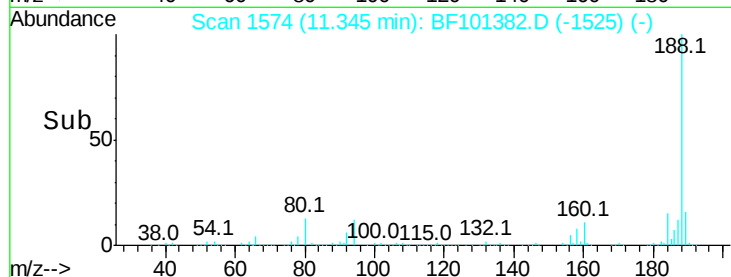
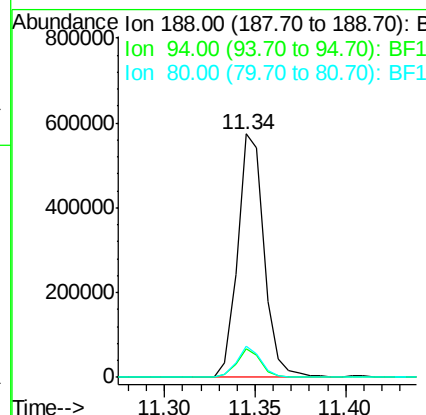
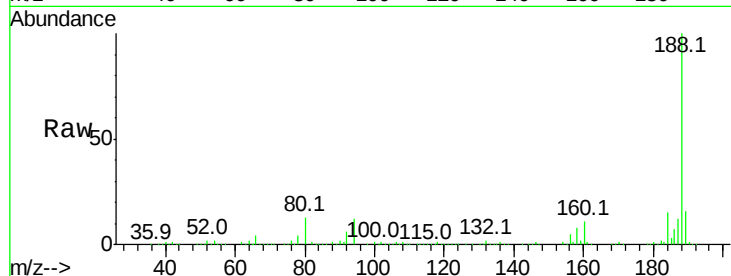




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF101382.D
 Acq: 13 Dec 2017 23:49

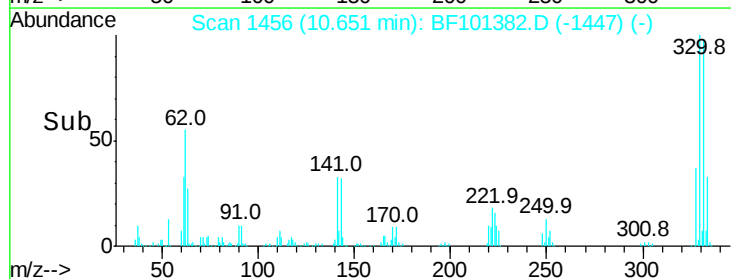
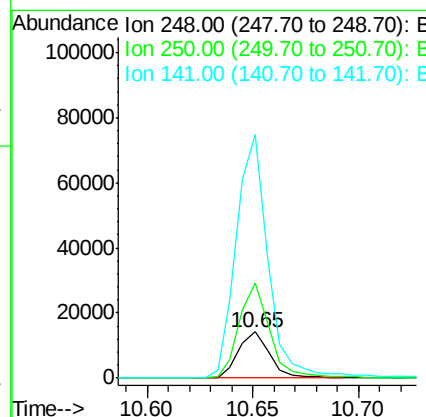
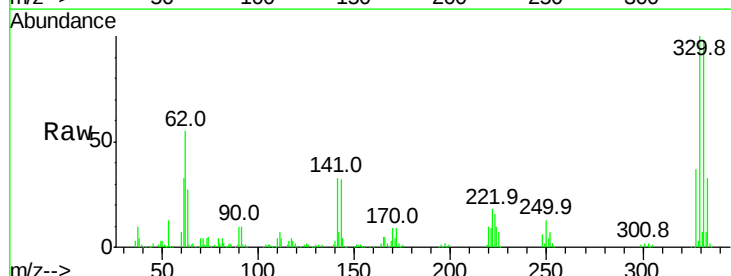
Instrument :
 BNA_F
 ClientSampleId :

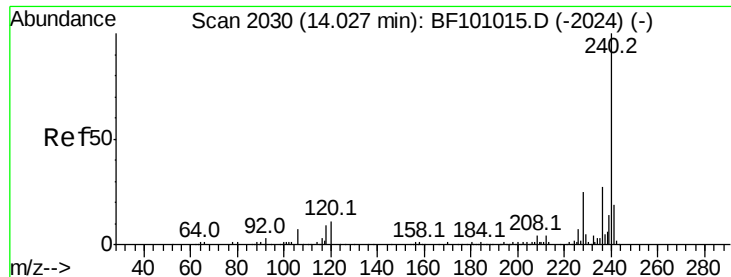
Tot Ion:	188	Resp:	584146
Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.6	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.216 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.25 min
 Lab File: BF101382.D
 Acq: 13 Dec 2017 23:49

Tgt Ion:	248	Resp:	14490
Ion	Ratio	Lower	Upper
248	100		
250	205.4	76.9	115.3#
141	526.7	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF101382.D

Acq: 13 Dec 2017 23:49

Instrument :

BNA_F

ClientSampled :

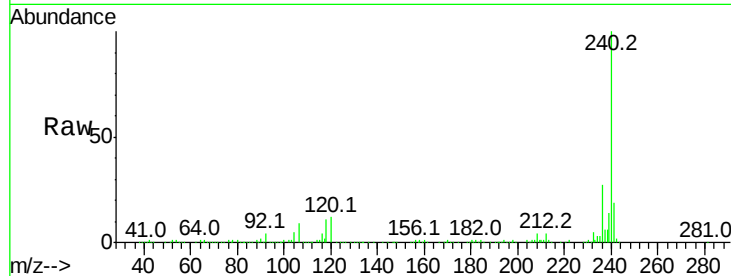
Tot Ion:240 Resp: 391610

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

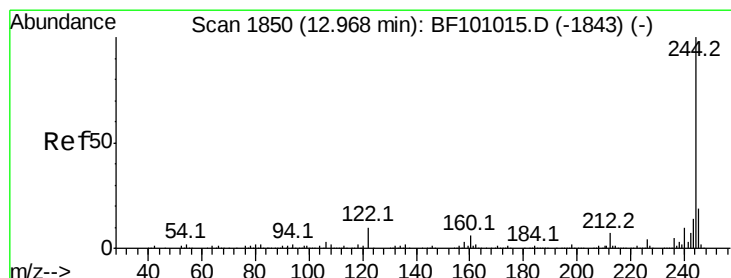
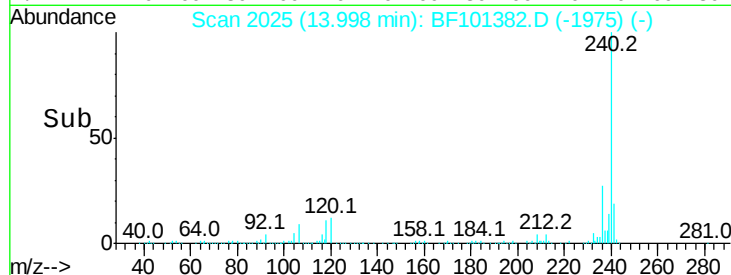
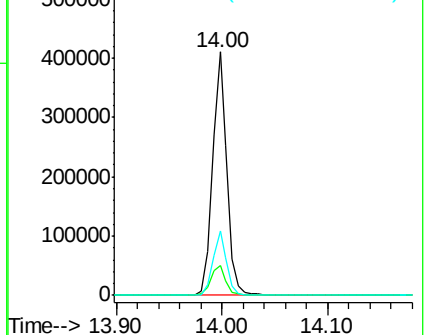
236 26.6 20.7 31.1



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: 82.883 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF101382.D

Acq: 13 Dec 2017 23:49

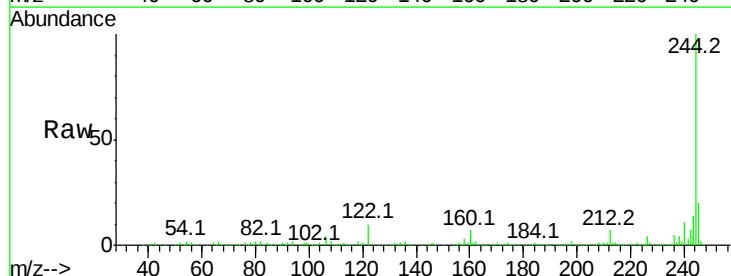
Tgt Ion:244 Resp: 1483948

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

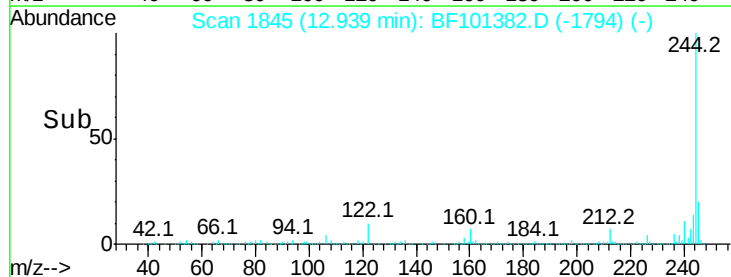
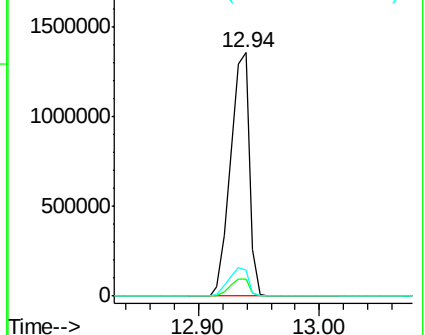
122 10.5 11.0 16.4#

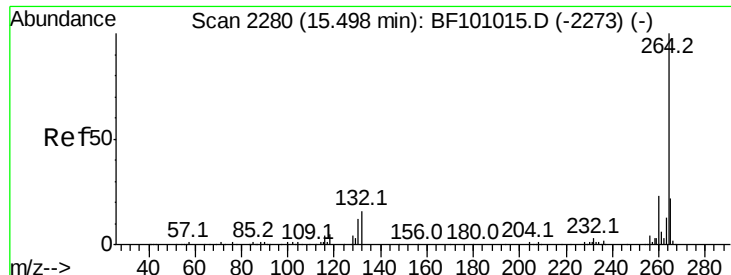


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

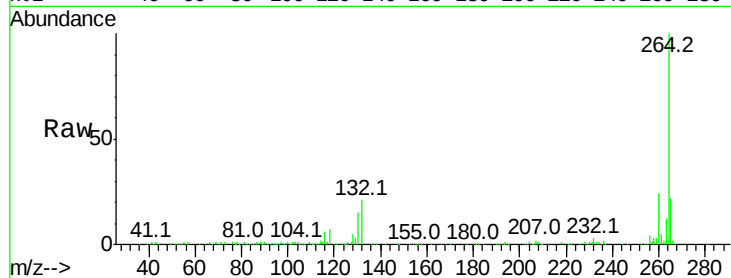




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF101382.D
Acq: 13 Dec 2017 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 314380
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.3 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

