

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121317\
 Data File : BF101385.D
 Acq On : 14 Dec 2017 1:09
 Operator : SJ/JU
 Sample : I6816-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 02:37:55 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

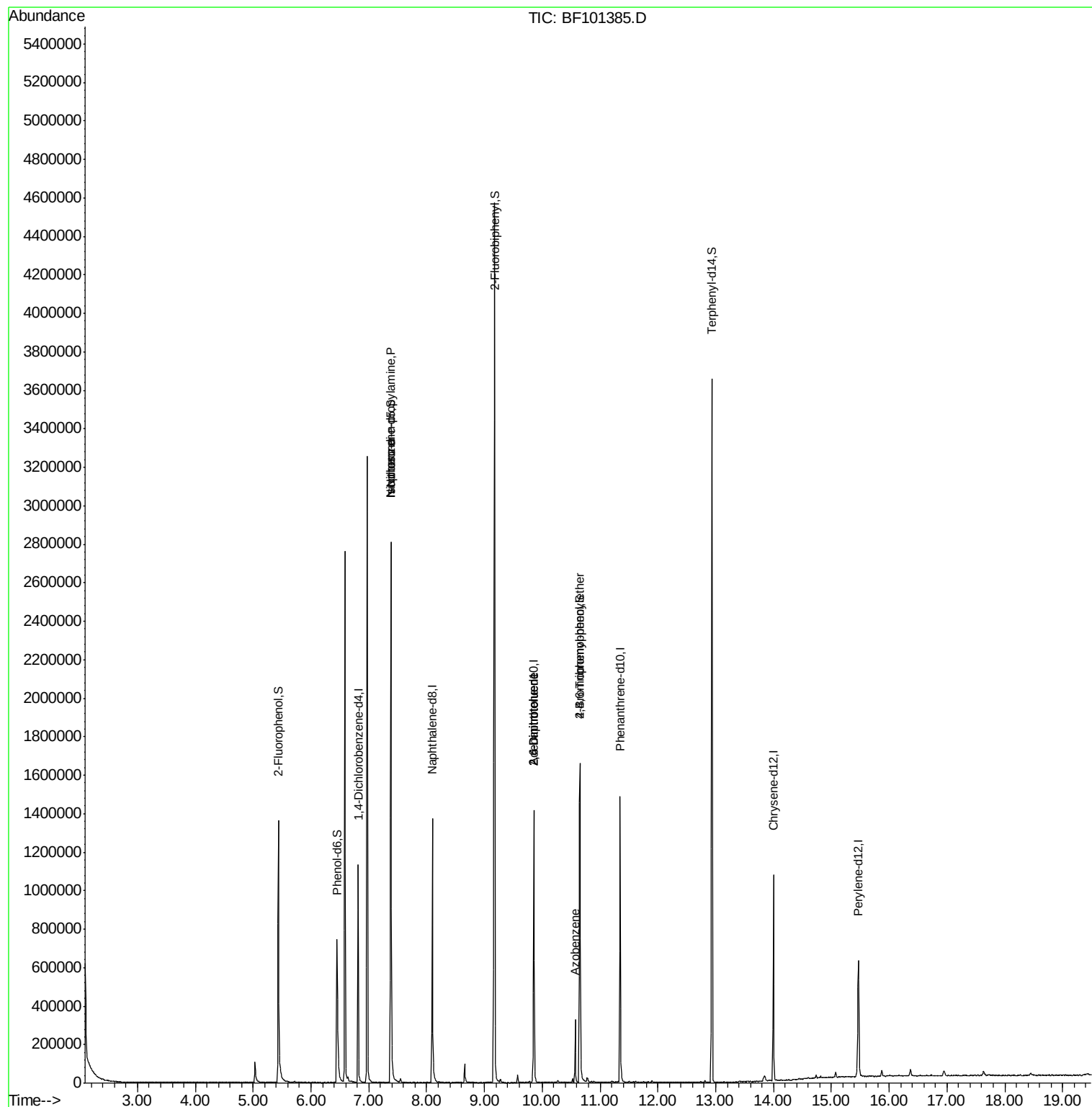
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	166317	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	682399	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	303988	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	559713	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	366095	20.00	ng	0.00
86) Perylene-d12	15.47	264	298832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	444440	44.16	ng	0.00
7) Phenol-d6	6.45	99	339482	27.78	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1023302	89.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	211435	57.90	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1658940	74.67	ng	-0.01
78) Terphenyl-d14	12.93	244	1436779	85.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	137526	16.711	ng	# 83
25) Isophorone	7.39	82	1023296	52.370	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	38510	7.458	ng	# 26
56) 2,4-Dinitrotoluene	9.86	165	38510	5.565	ng	# 24
62) Azobenzene	10.57	77	61601	3.002	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	14363	2.293	ng	# 1

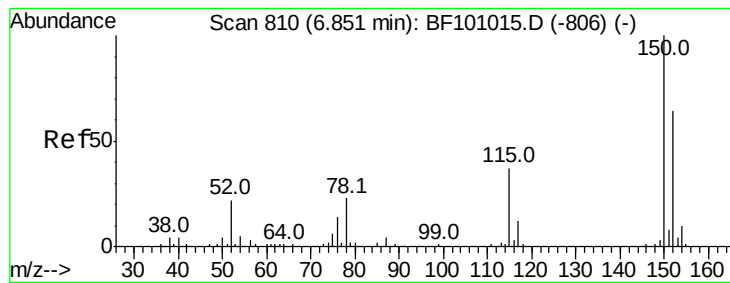
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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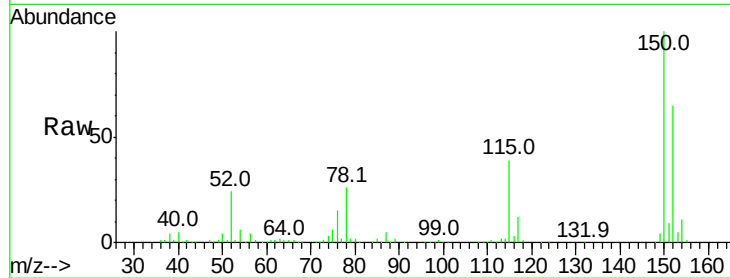


#1

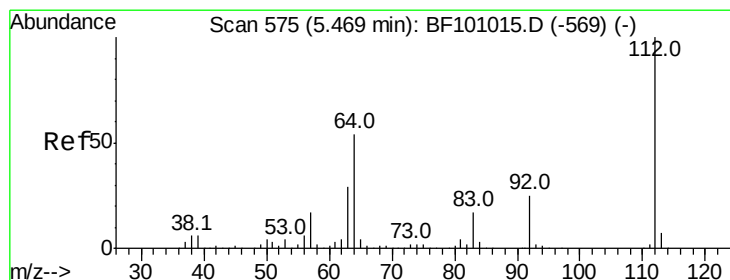
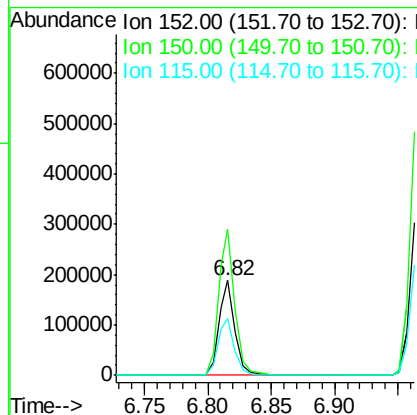
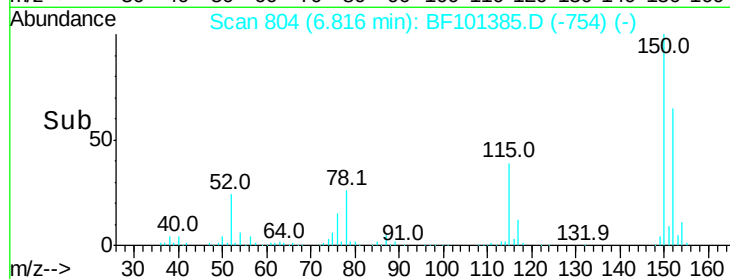
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166317
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 60.3 50.1 75.1



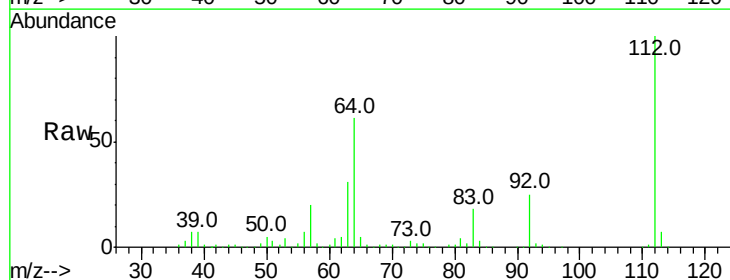
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



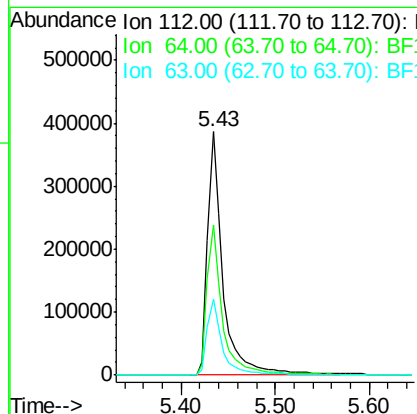
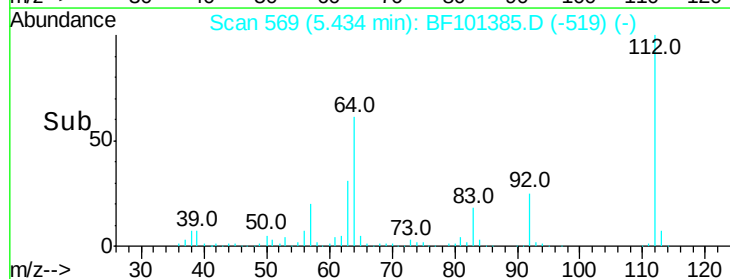
#5

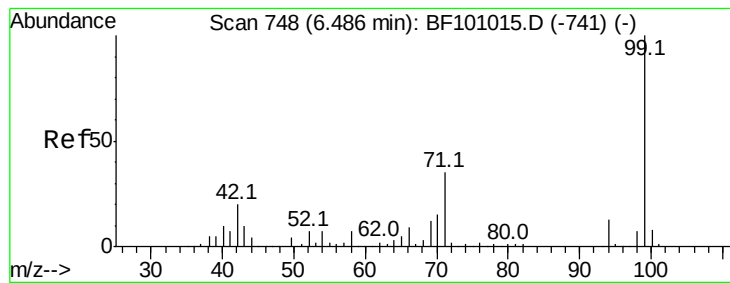
2-Fluorophenol
Concen: 44.157 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Tgt Ion:112 Resp: 444440
Ion Ratio Lower Upper
112 100
64 61.4 47.9 71.9
63 31.3 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: 27.781 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101385.D

Acq: 14 Dec 2017 1:09

Instrument :

BNA_F

ClientSampleId :

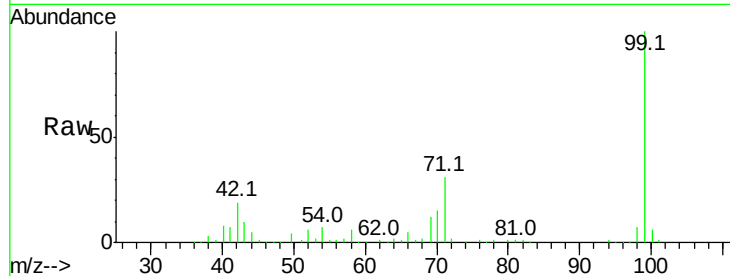
Tot Ion: 99 Resp: 339482

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

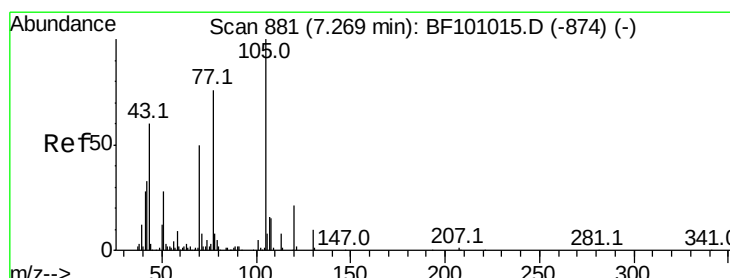
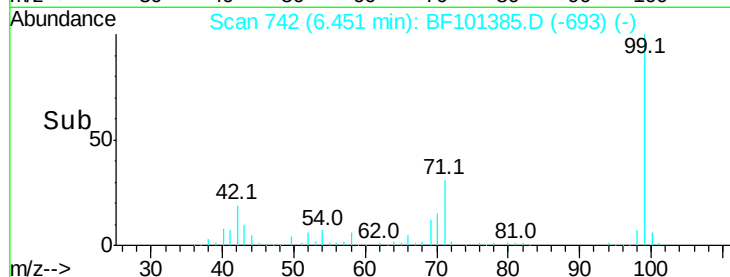
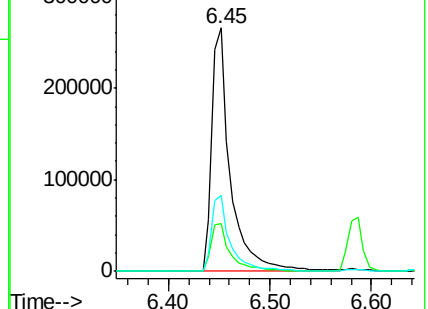
71 31.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.711 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF101385.D

Acq: 14 Dec 2017 1:09

Tgt Ion: 70 Resp: 137526

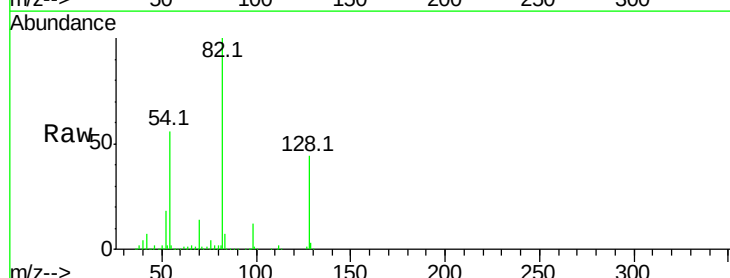
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

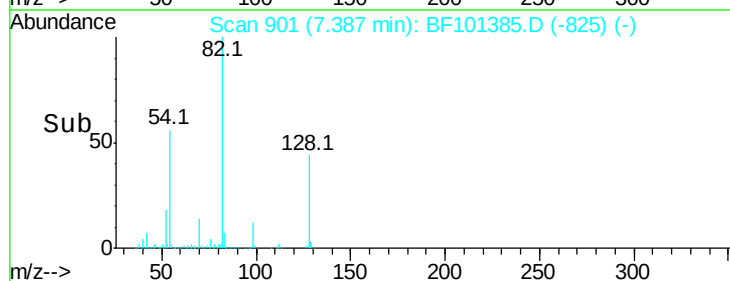
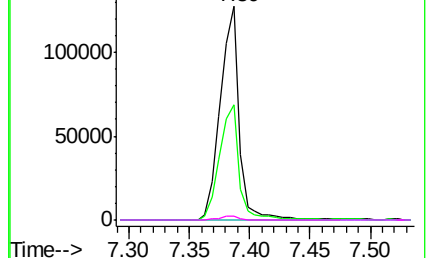


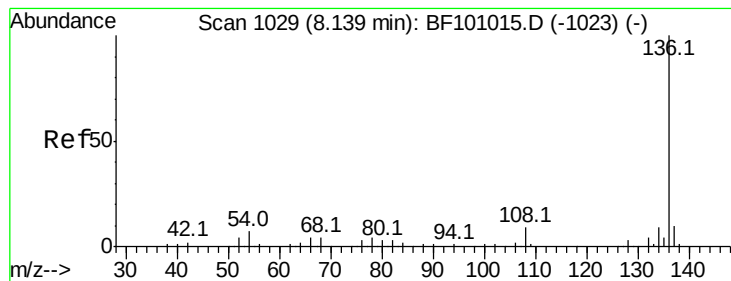
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101385.D

Acq: 14 Dec 2017 1:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 682399

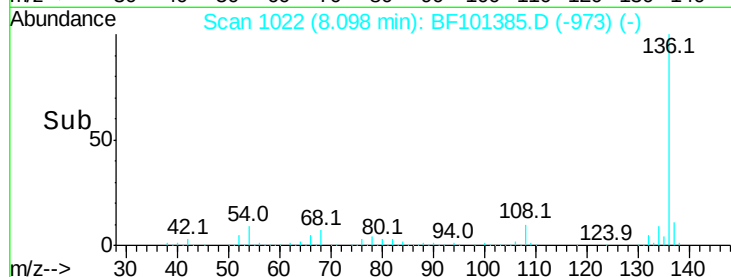
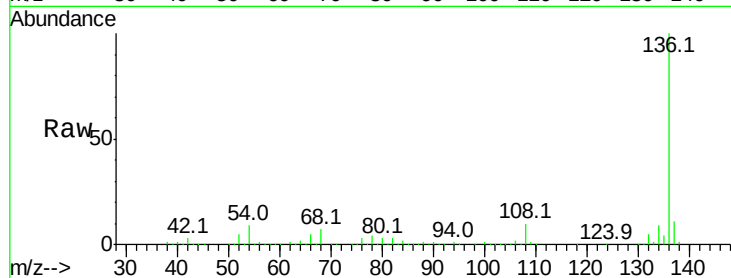
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.4 6.6 9.8

68 6.7 5.0 7.4

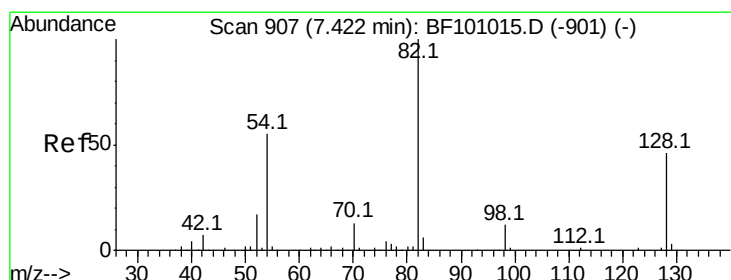
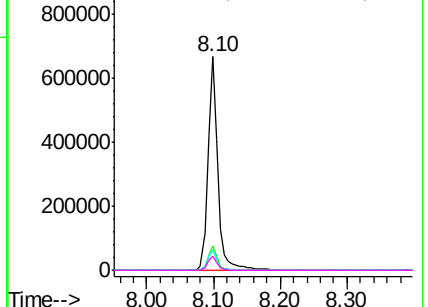


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 89.454 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF101385.D

Acq: 14 Dec 2017 1:09

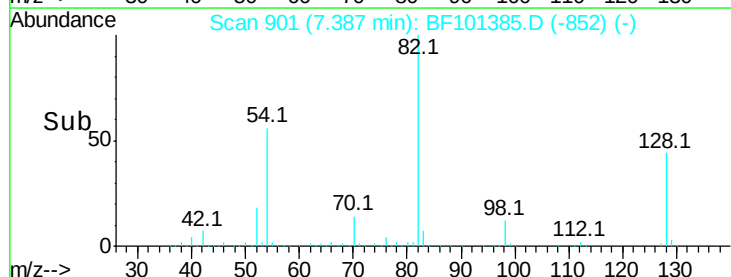
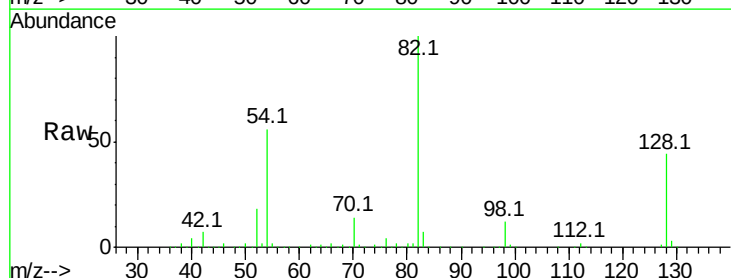
Tgt Ion: 82 Resp: 1023302

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

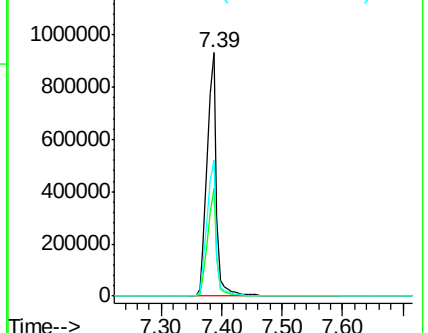
54 55.9 41.4 62.2

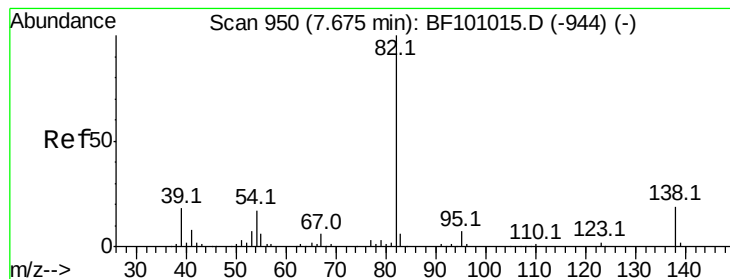


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.370 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.26 min

Lab File: BF101385.D

Acq: 14 Dec 2017 1:09

Instrument :

BNA_F

ClientSampled :

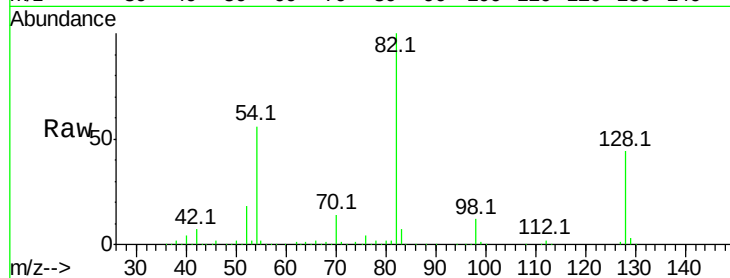
Tot Ion: 82 Resp: 1023296

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

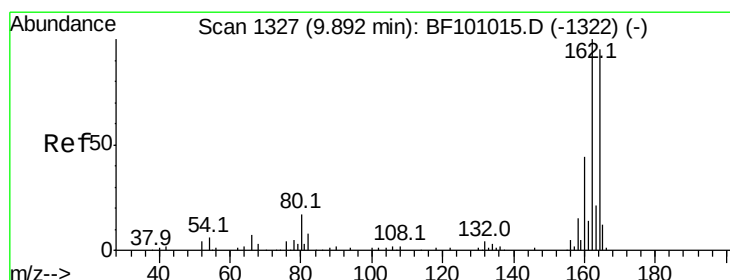
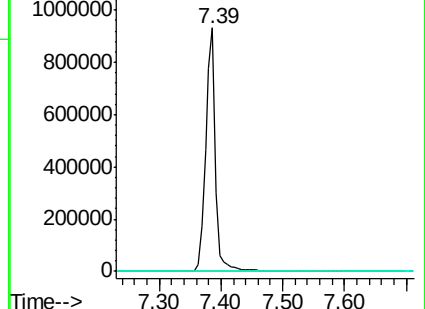
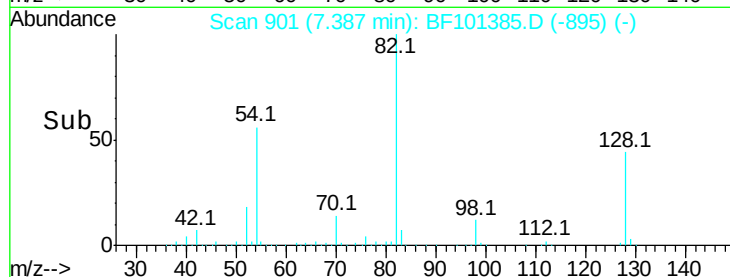
138 0.0 14.9 22.3#



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: BF101385.D

Acq: 14 Dec 2017 1:09

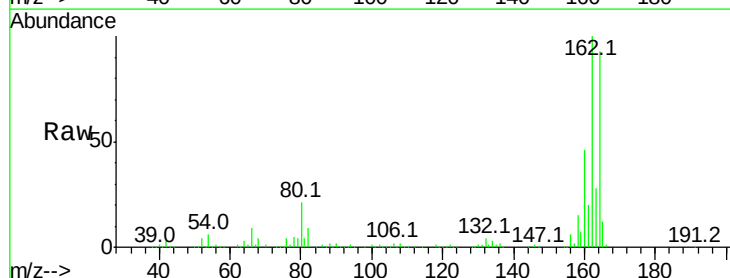
Tgt Ion:164 Resp: 303988

Ion Ratio Lower Upper

164 100

162 107.1 86.1 129.1

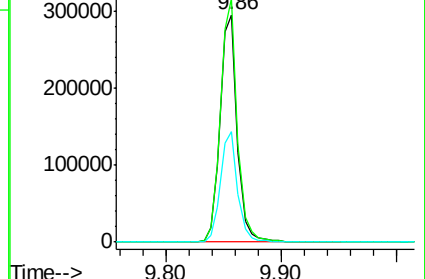
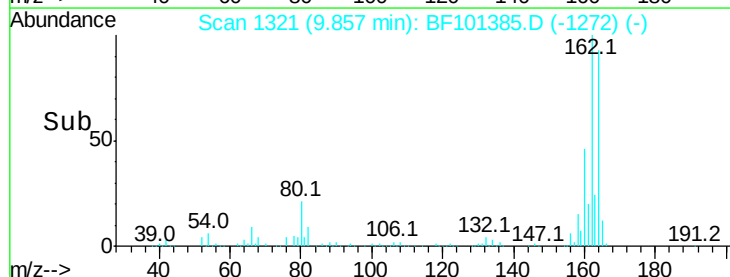
160 48.7 38.3 57.5

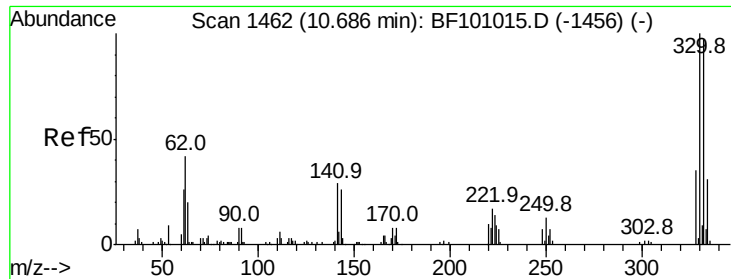


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

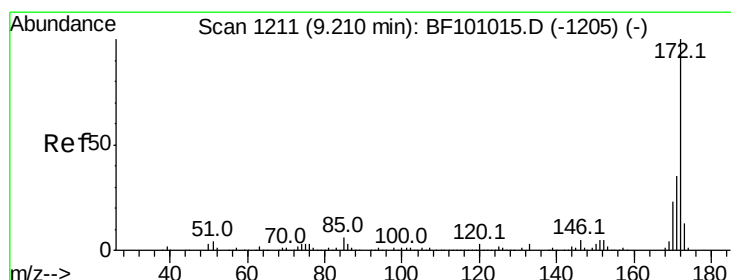
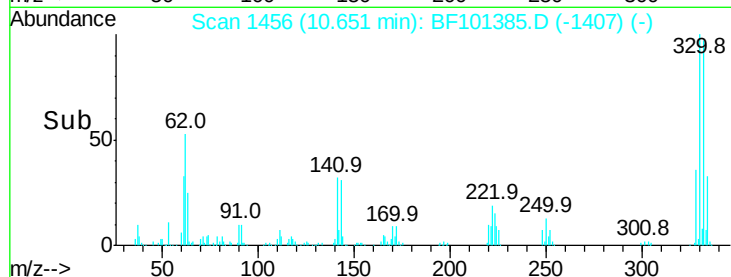
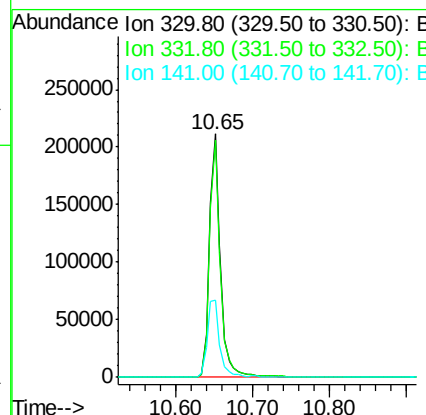
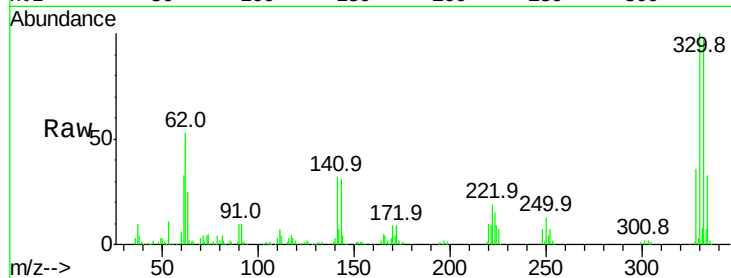




#41
 2,4,6-Tribromophenol
 Concen: 57.899 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

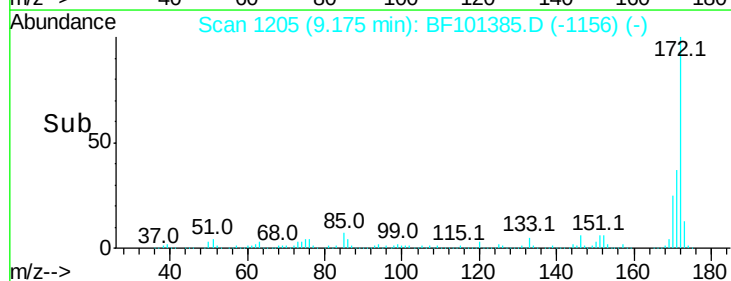
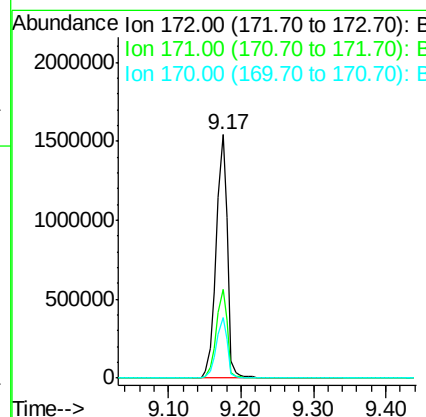
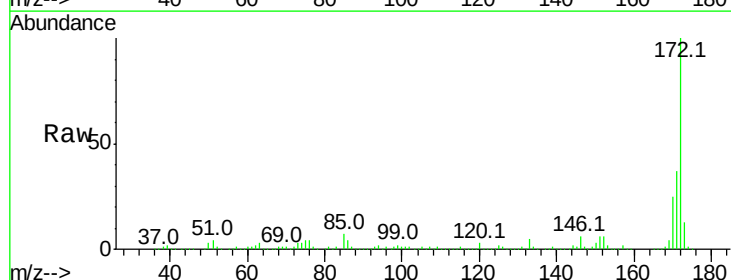
Instrument :
 BNA_F
 ClientSampled :

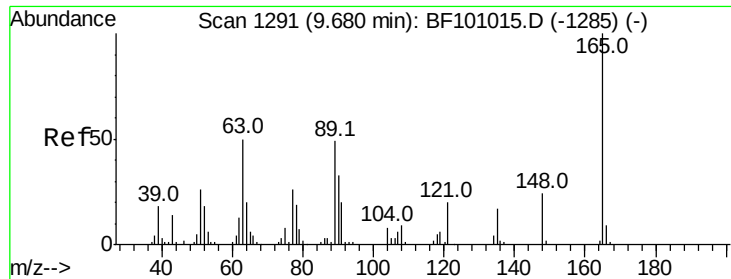
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	36.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 74.666 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.7	19.6	29.4

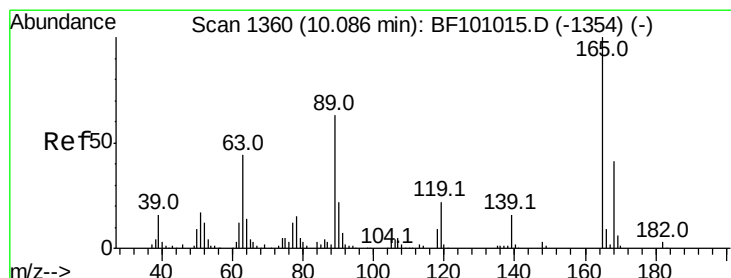
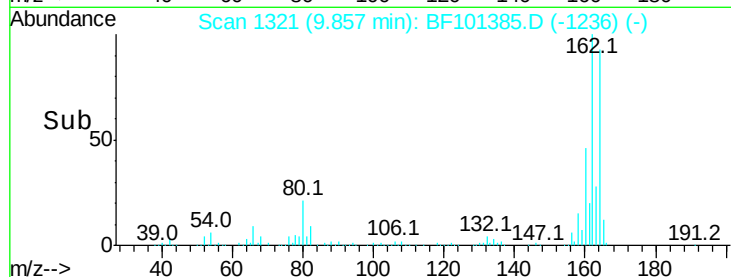
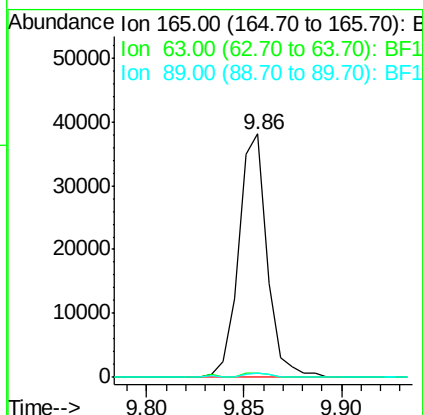
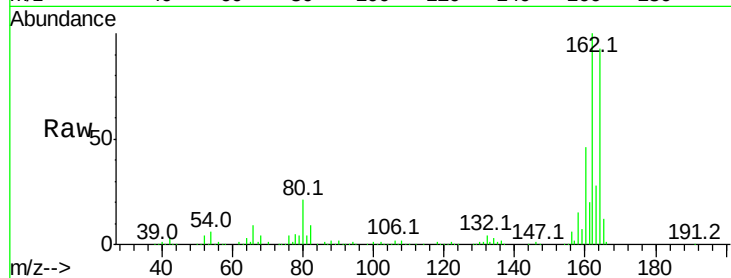




#50
 2,6-Dinitrotoluene
 Concen: 7.458 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.20 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

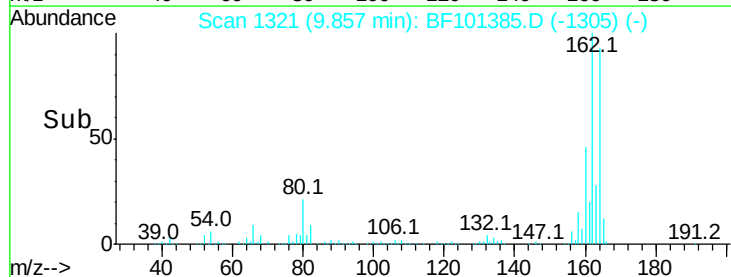
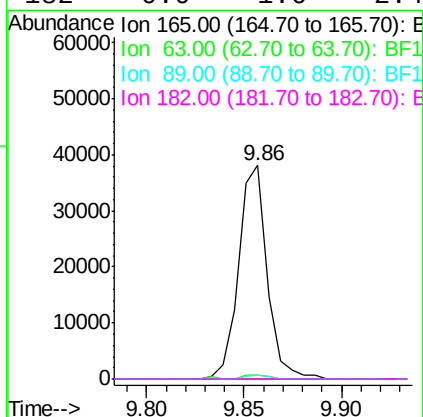
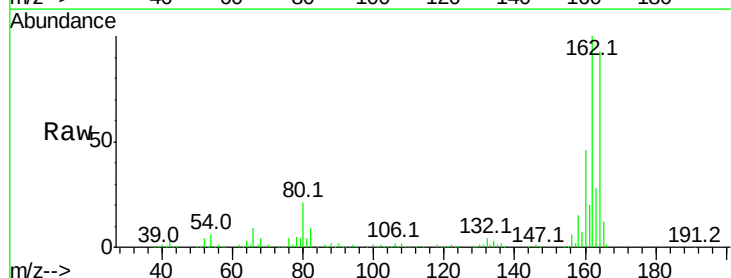
Instrument :
 BNA_F
 ClientSampleId :

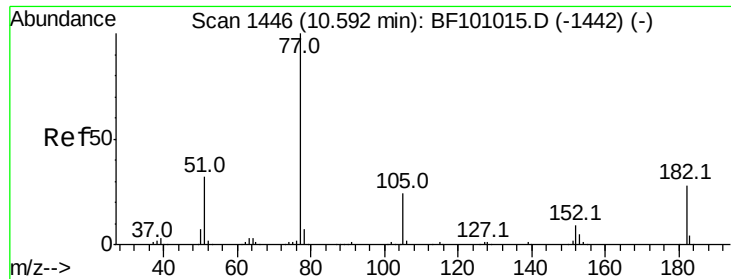
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.565 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.21 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

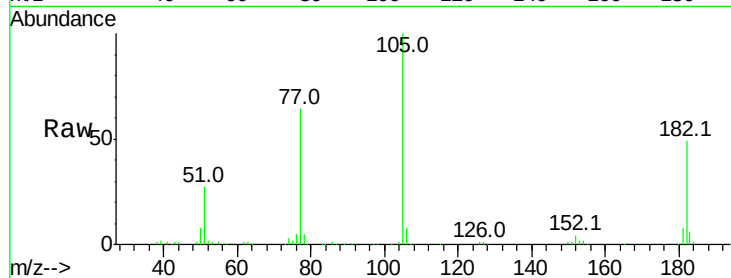




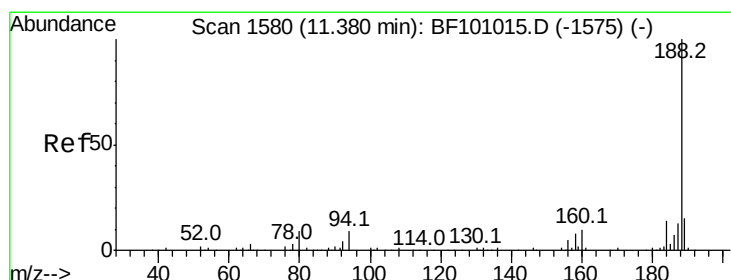
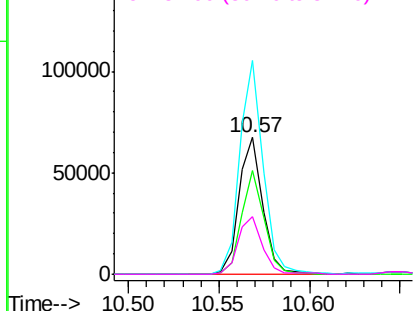
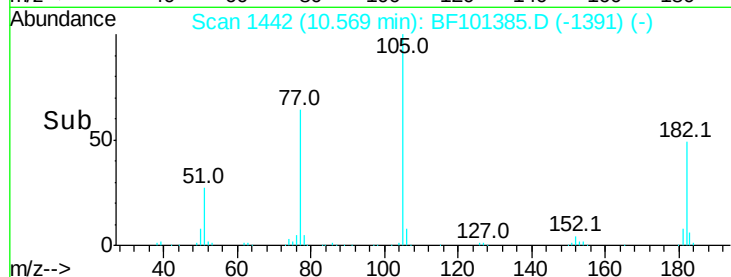
#62
Azobenzene
Concen: 3.002 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 61601
Ion Ratio Lower Upper
77 100
182 76.1 1.7 41.7#
105 156.0 3.0 43.0#
51 41.9 9.9 49.9

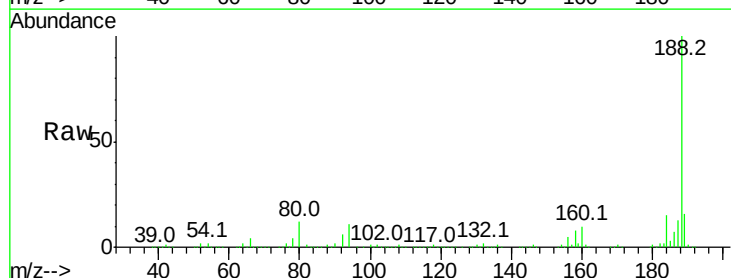


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

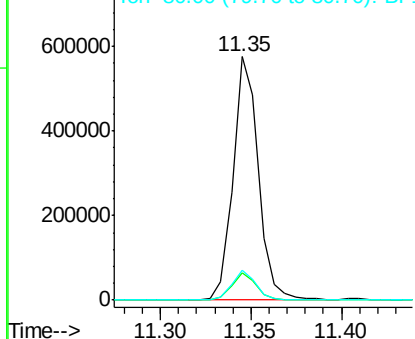
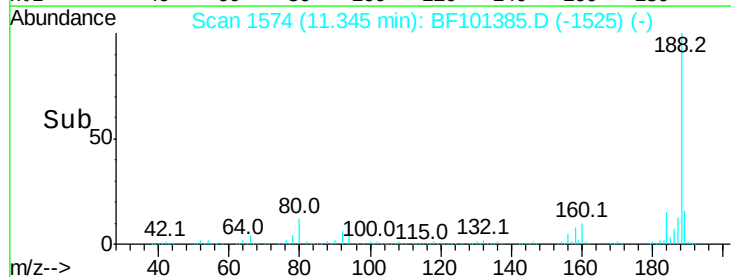


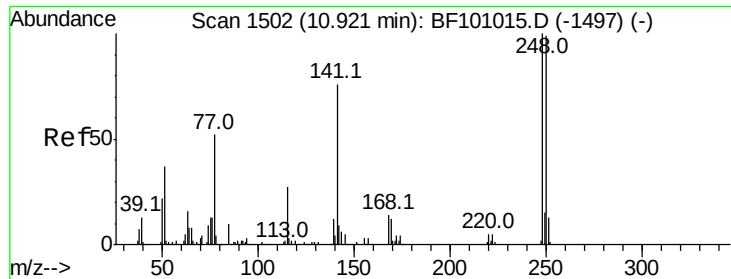
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Tgt Ion: 188 Resp: 559713
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.3 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

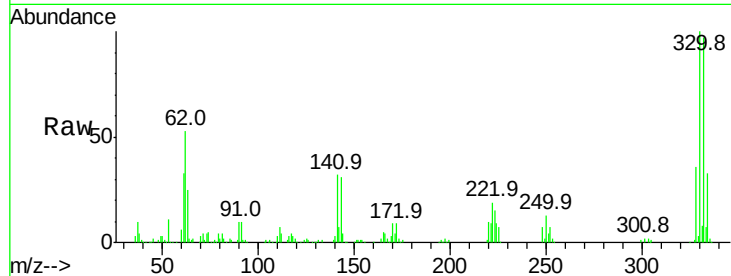




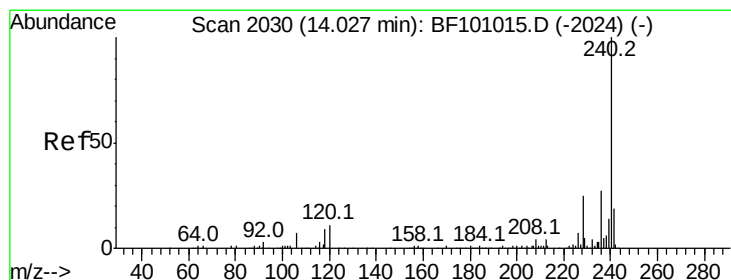
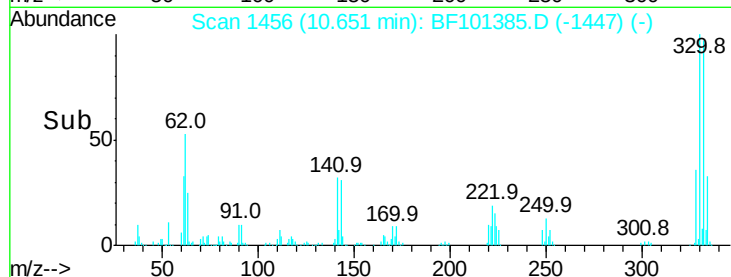
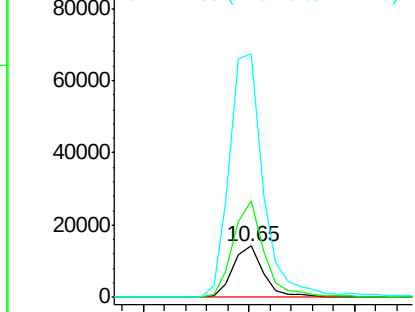
#66
 4-Bromophenyl-phenylether
 Concen: 2.293 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.25 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14363
 Ion Ratio Lower Upper
 248 100
 250 188.2 76.9 115.3#
 141 475.9 74.4 111.6#

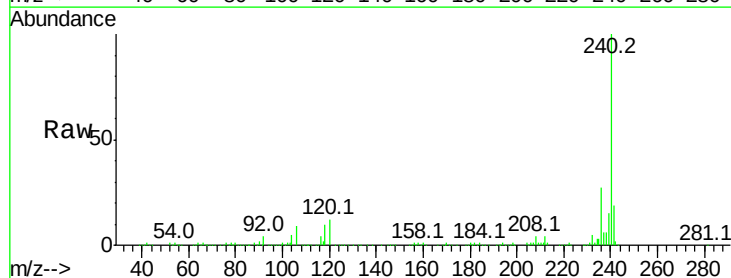


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

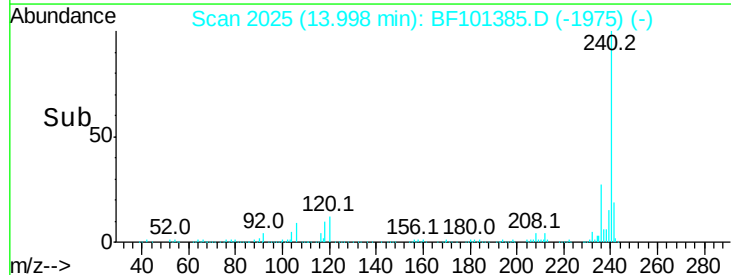
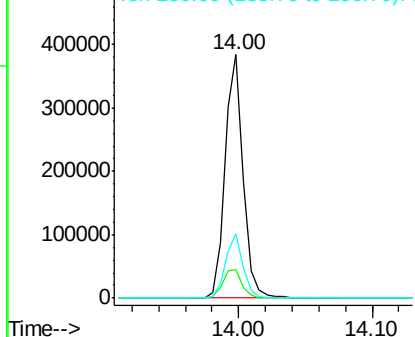


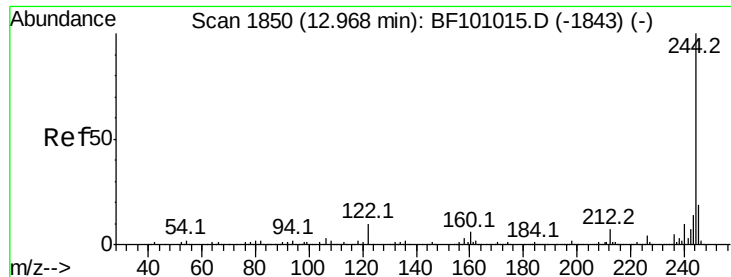
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

Tgt Ion:240 Resp: 366095
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.5 14.3
 236 26.7 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

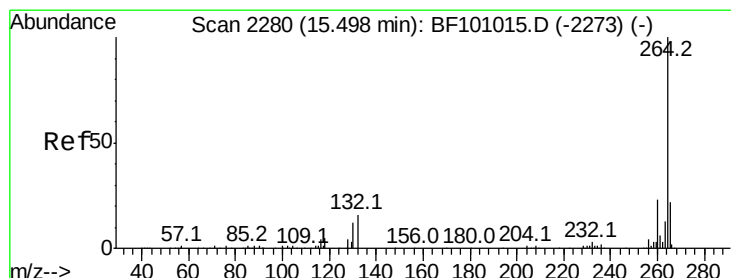
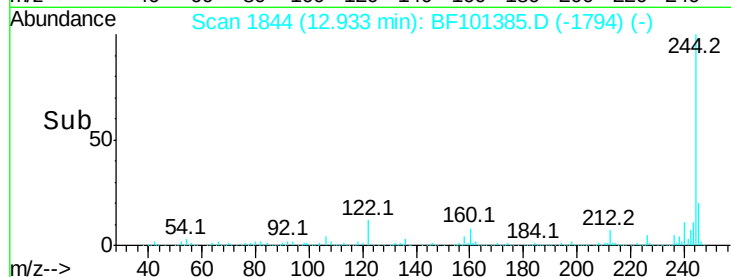
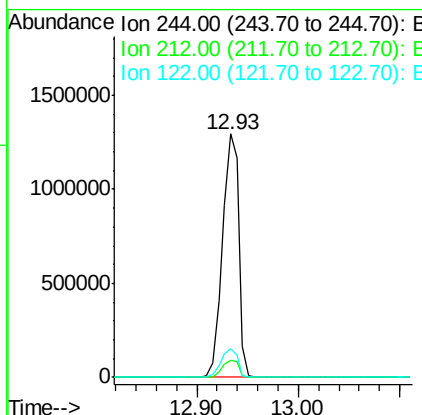
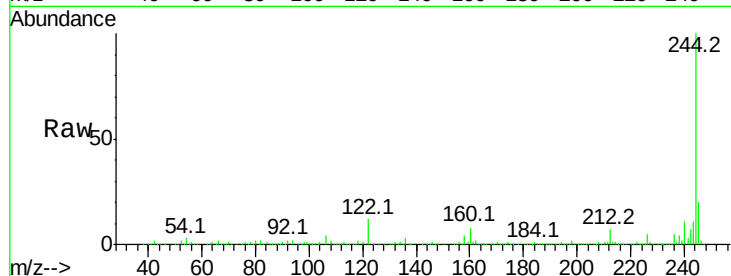




#78
 Terphenyl-d14
 Concen: 85.841 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1436779
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

Tgt Ion:264 Resp: 298832
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.1 17.5 26.3

